MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 81

9-November-16 - 16-November-16

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

November 22, 2016

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

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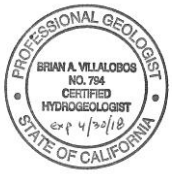

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Note: As they become available additional Appendices, each to include weekly instrument data, will be posted to:

www.watersupplyproject.org

MONTEREY PENINSULA
WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 81
9-NOVEMBER-16 - 16-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 9-November-16 through 16-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

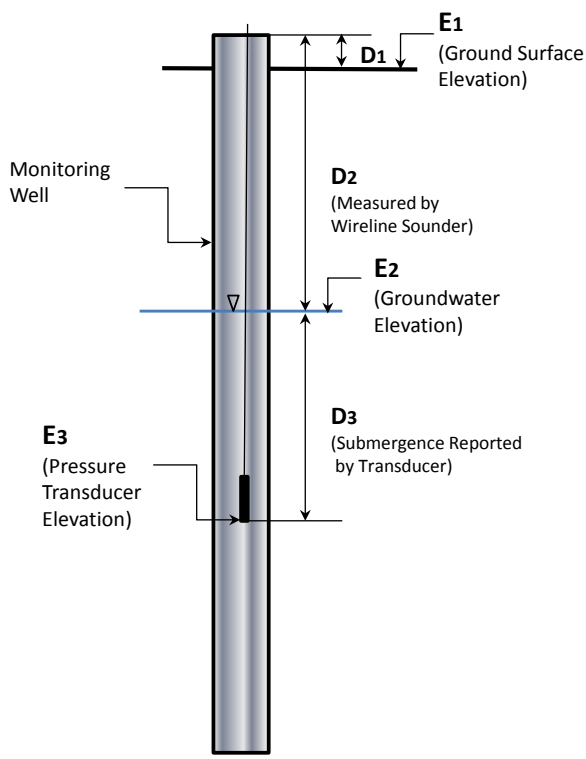
All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in each weekly monitoring report. Figures 2-1 to 2-8 show graphical plots of groundwater elevations 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. 81 (this report), is the eighty-first 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:



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

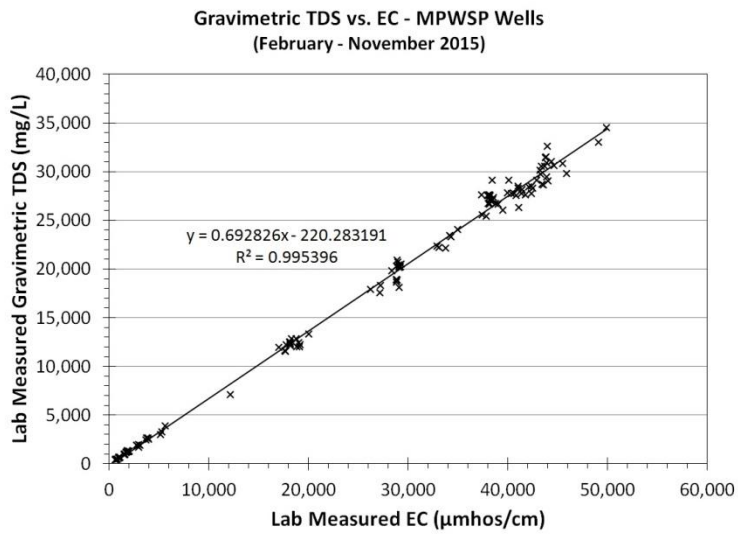
Once the transducer elevation has been established, groundwater elevations in ft NAVD88 are calculated from transducer submergence readings (*D3*) (psi converted to ft) and depth to water measurements (*D2*) as follows:

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

[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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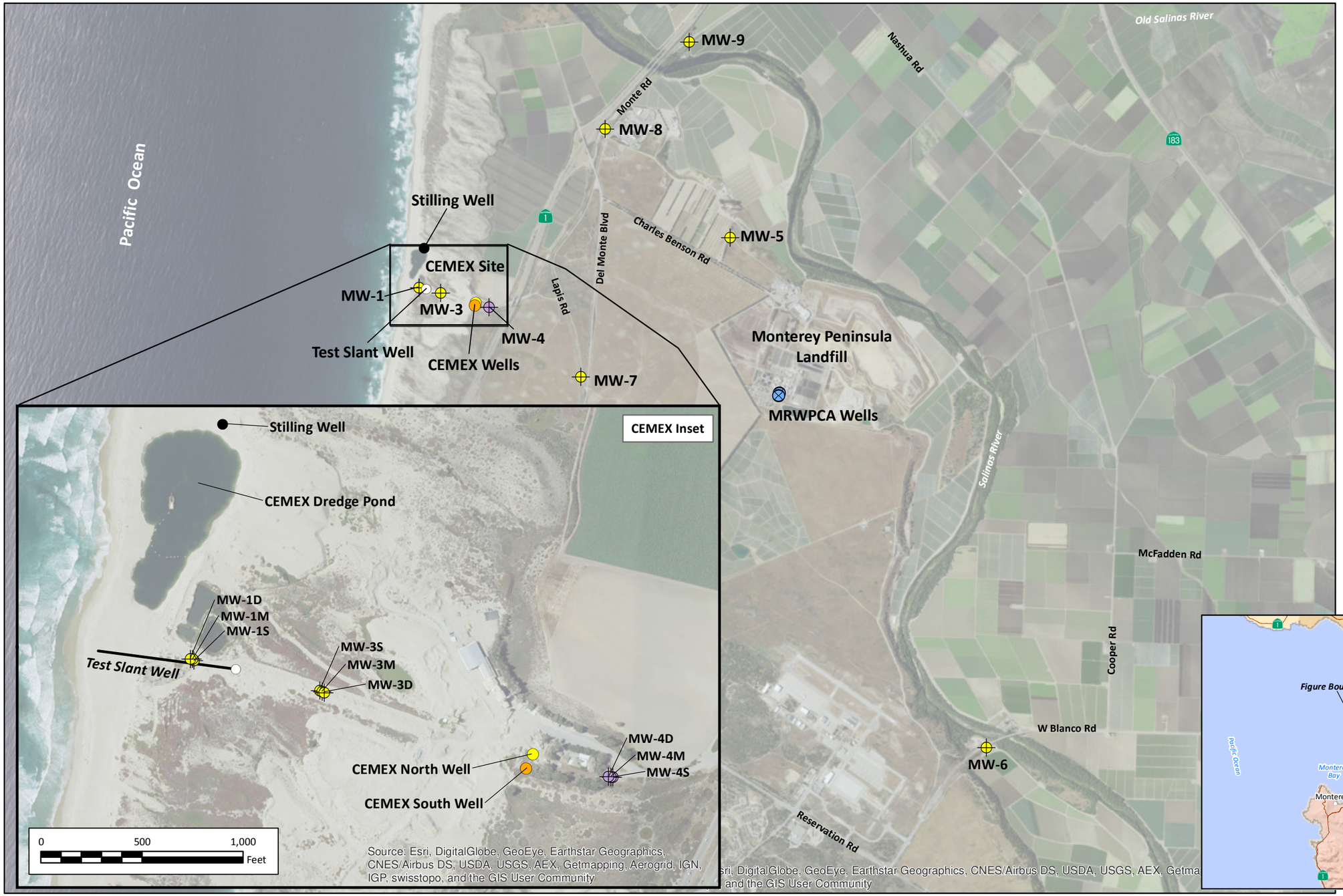
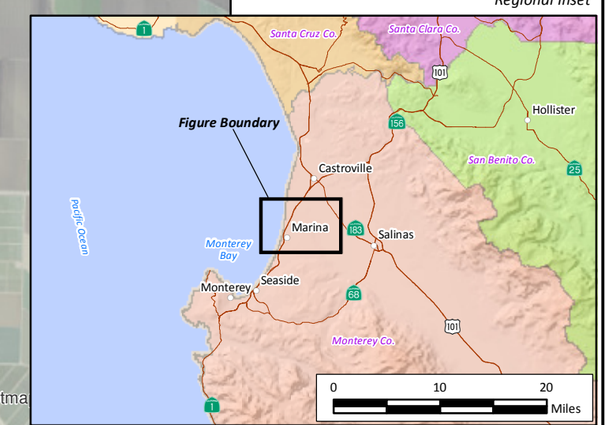
MPWSP GROUNDWATER MONITORING NETWORK



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



22-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_No81_11-22-16\1_Fig_1-1_MonWells_used_11-22-16.mxd

Groundwater Elevation in MPWSP MW-1

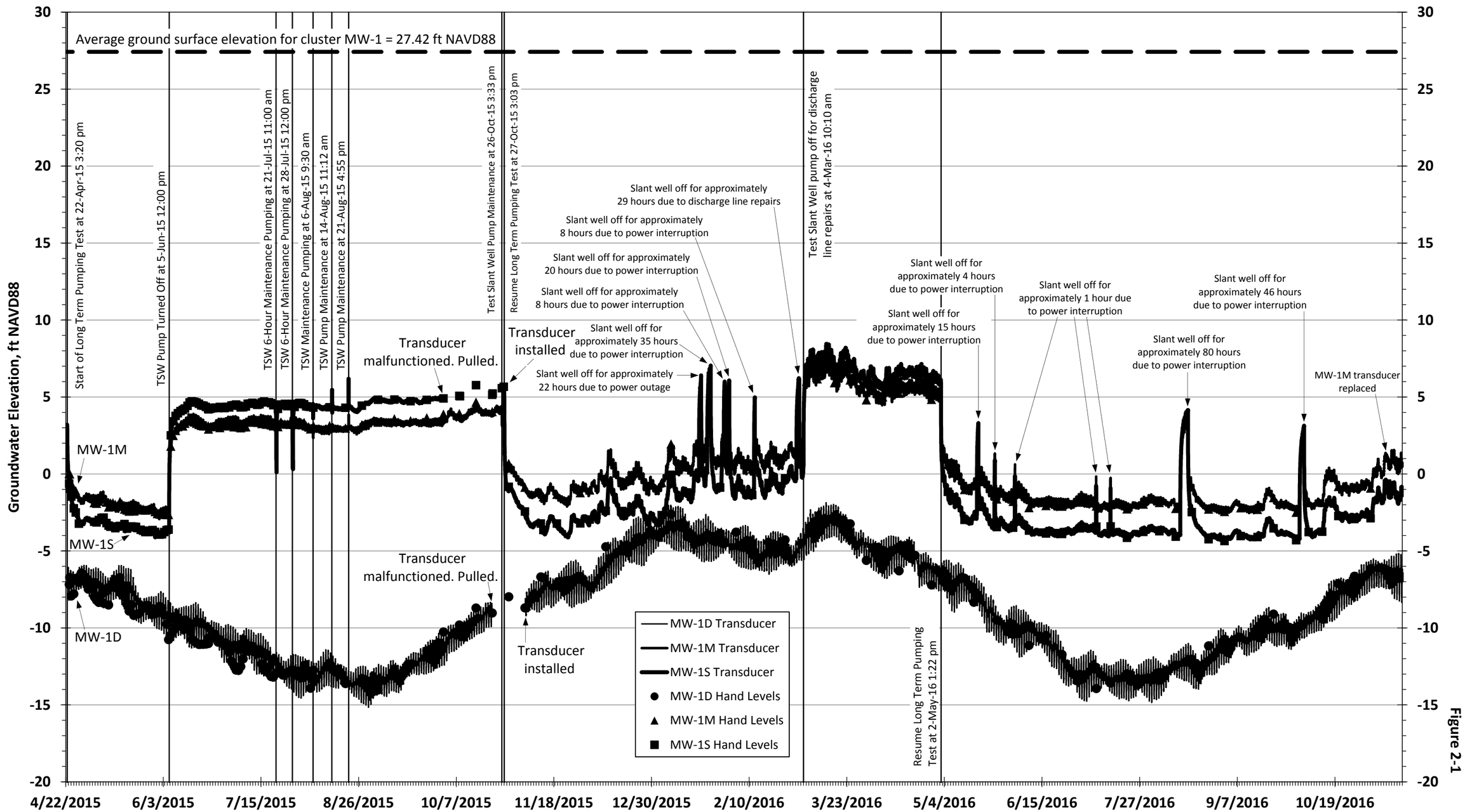

Figure 2-1

Groundwater Elevation in MPWSP MW-3

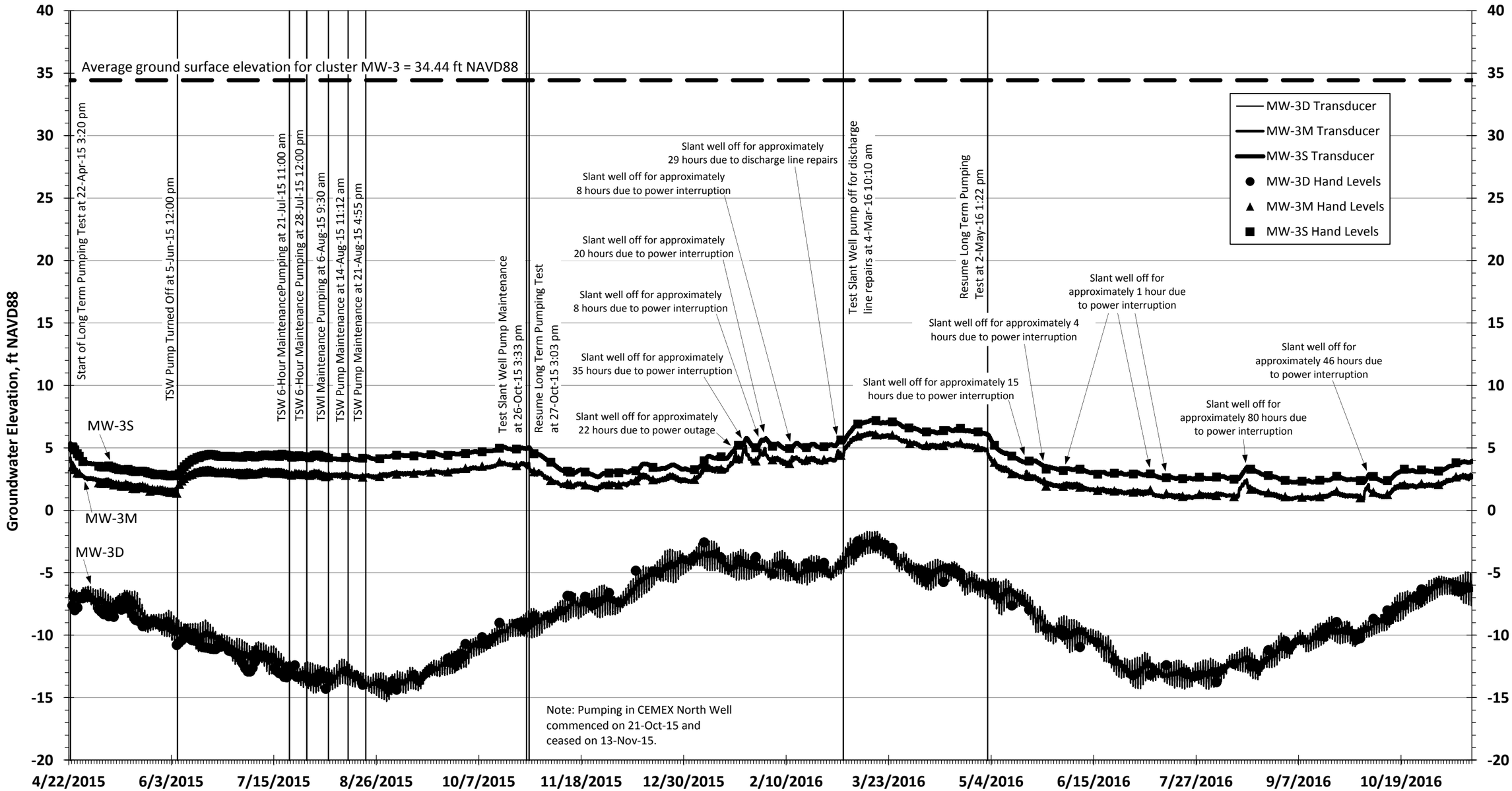

Figure 2-2

Groundwater Elevation in MPWSP MW-4

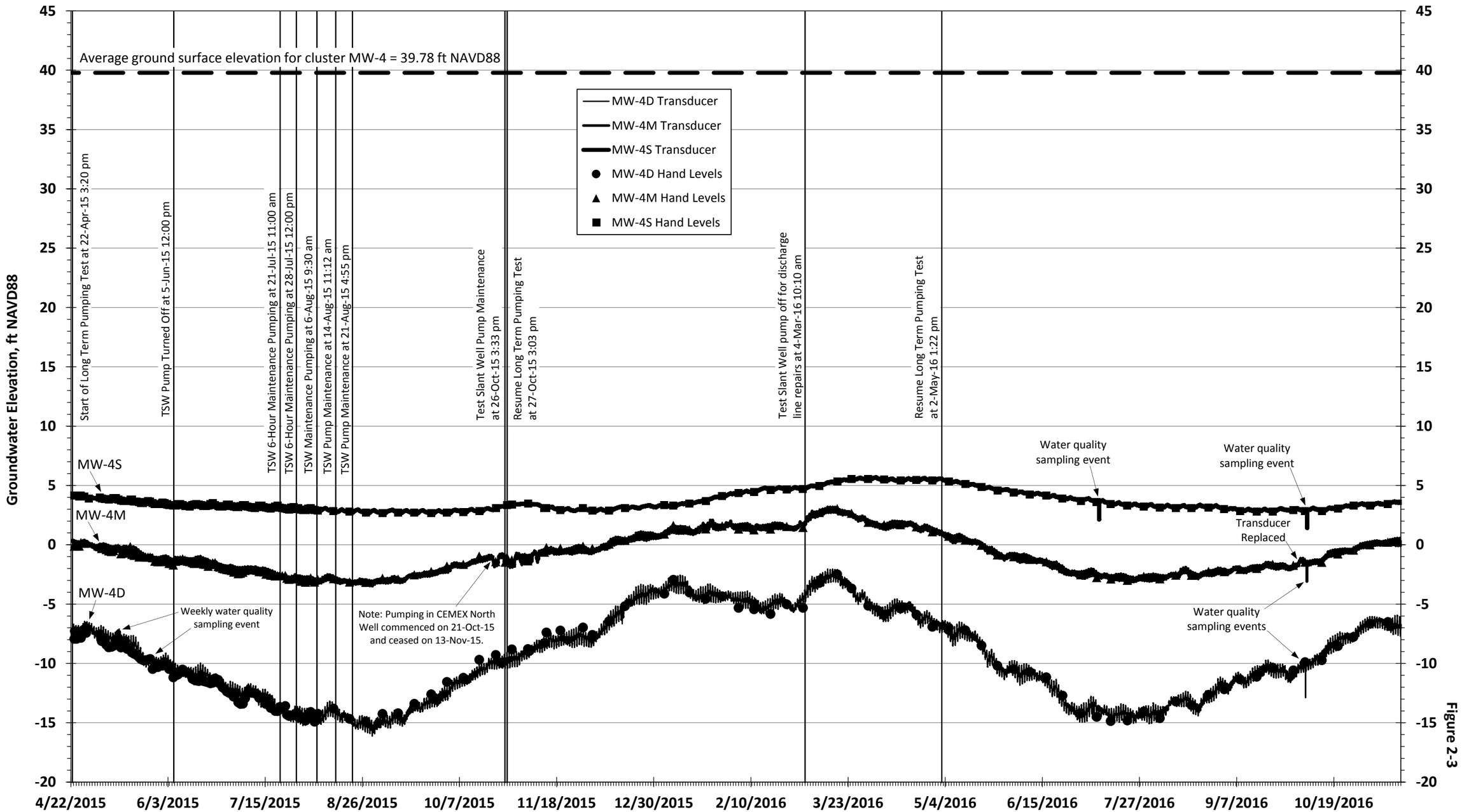

Figure 2-3

Groundwater Elevation in MPWSP MW-5

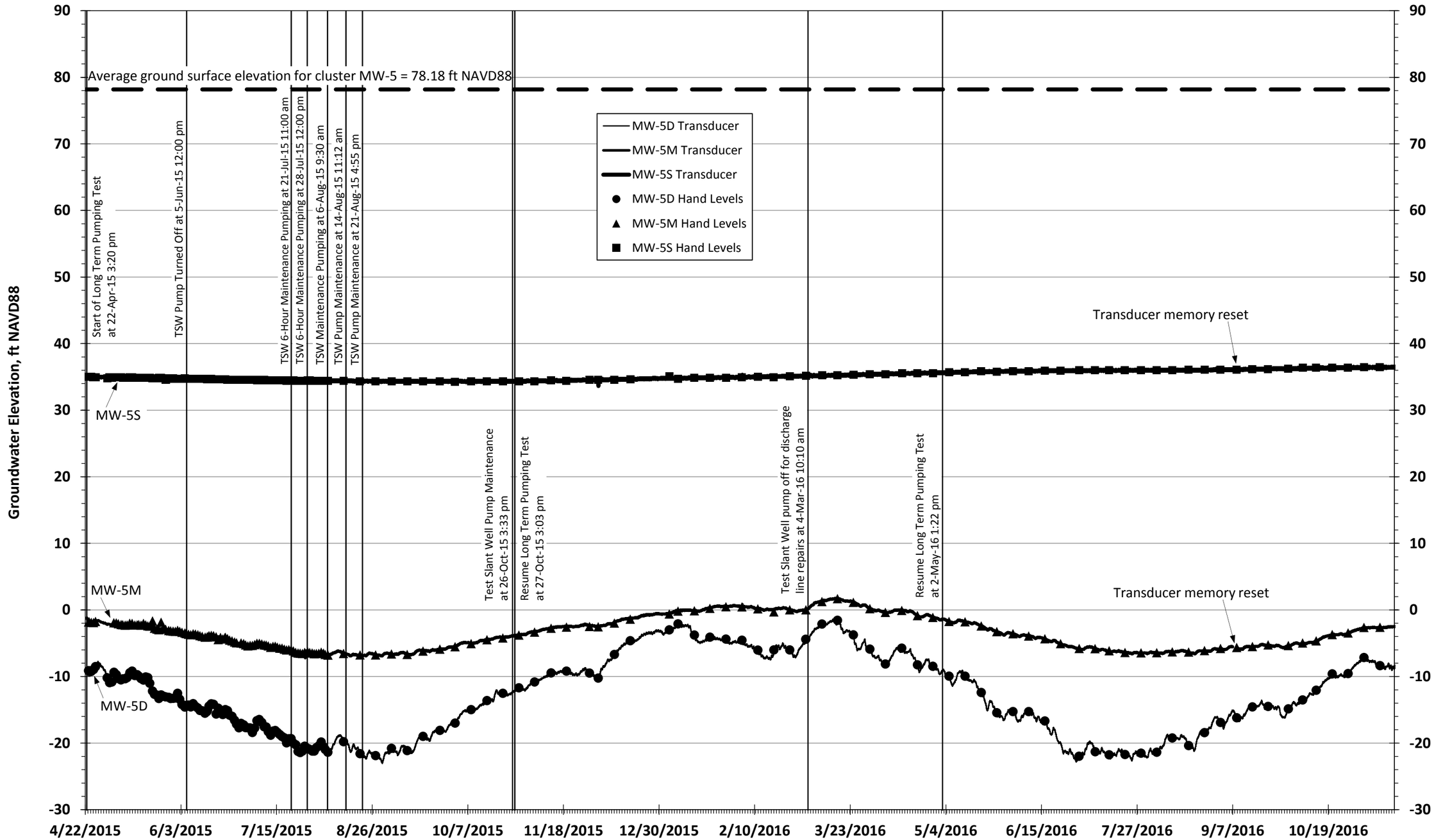

Figure 2-4

Groundwater Elevation in MPWSP MW-6

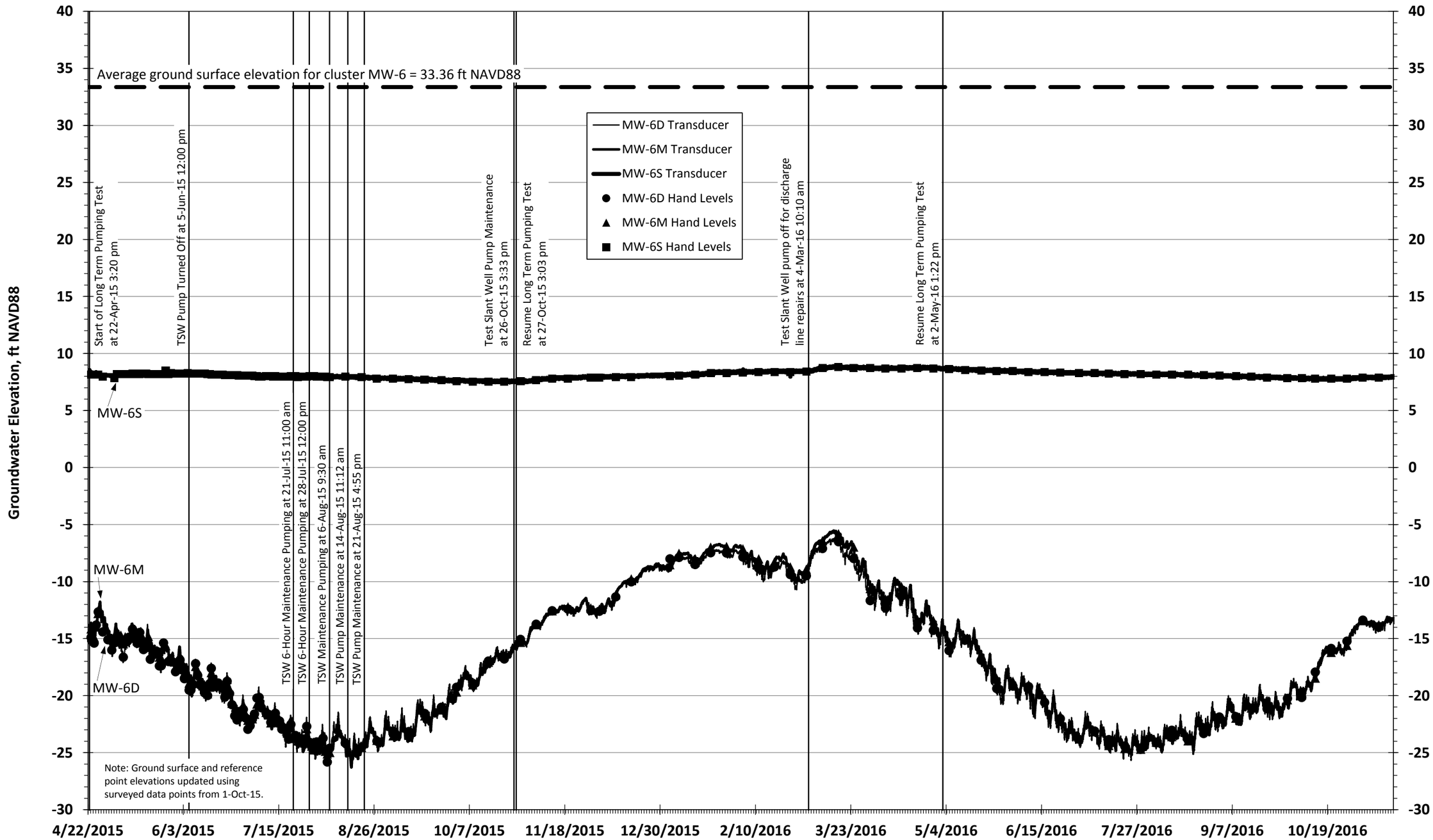

Figure 2-5

Groundwater Elevation in MPWSP MW-7

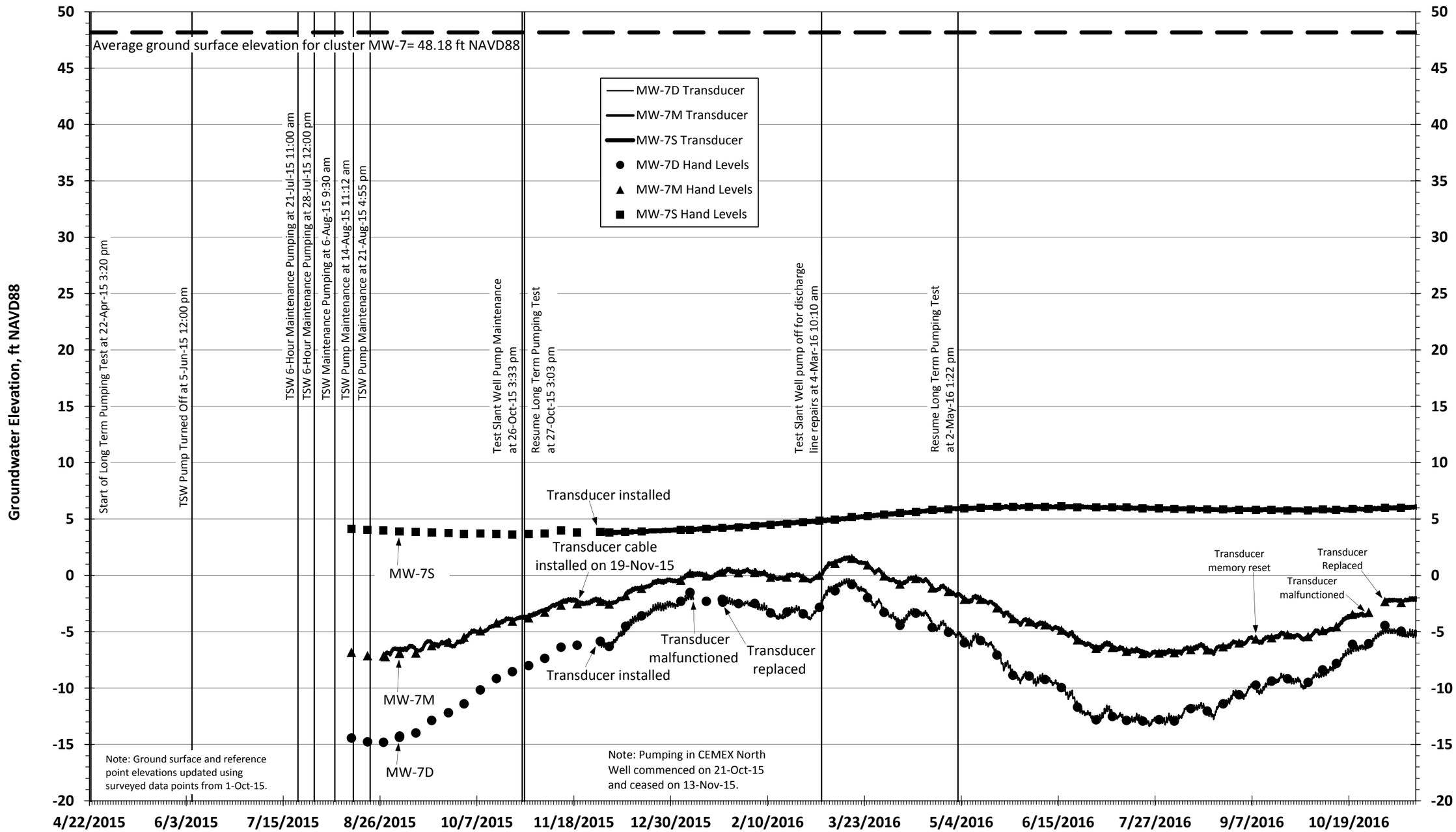

Figure 2-6

Groundwater Elevation in MPWSP MW-8

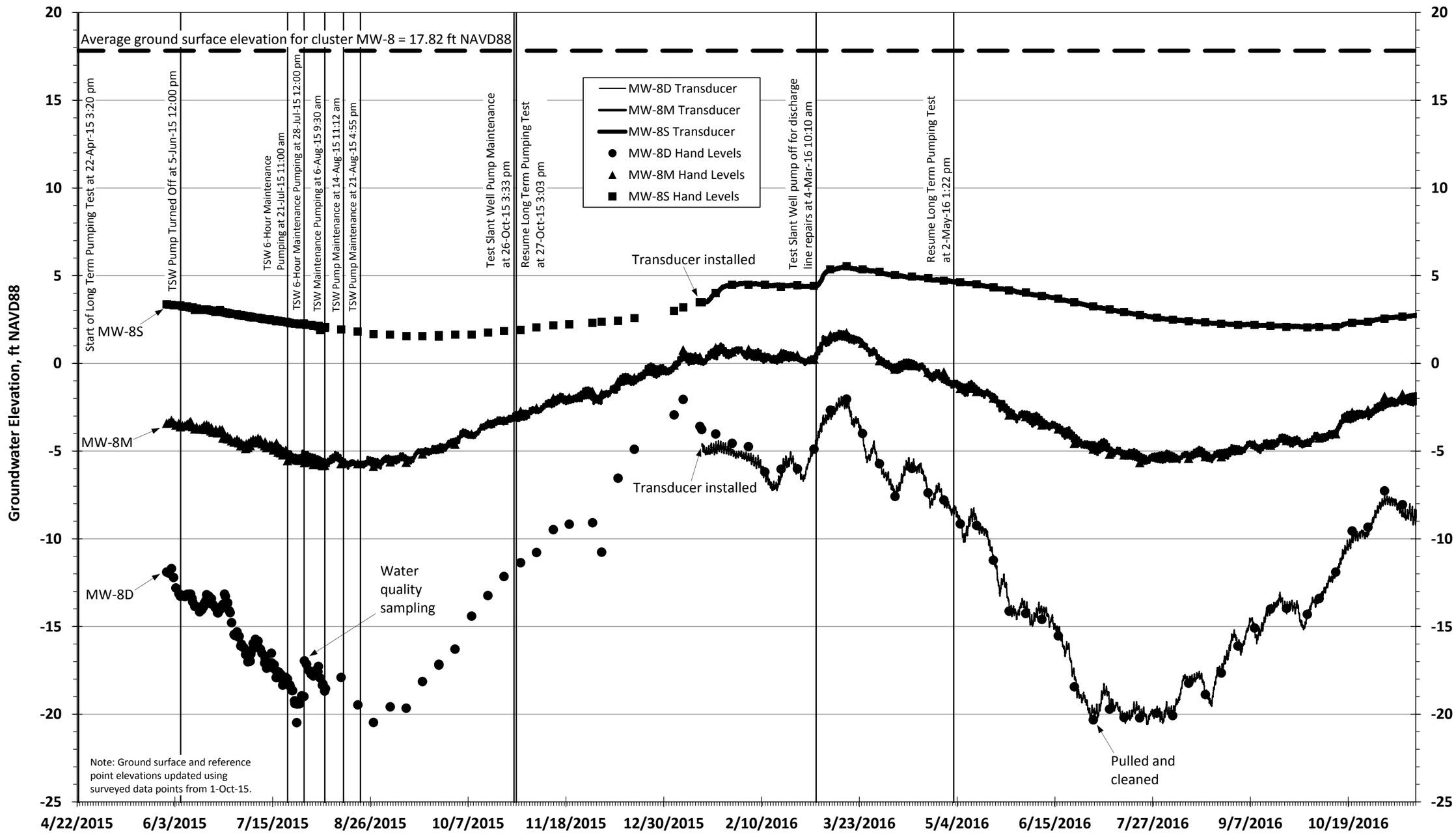

Figure 2-7

Groundwater Elevation in MPWSP MW-9

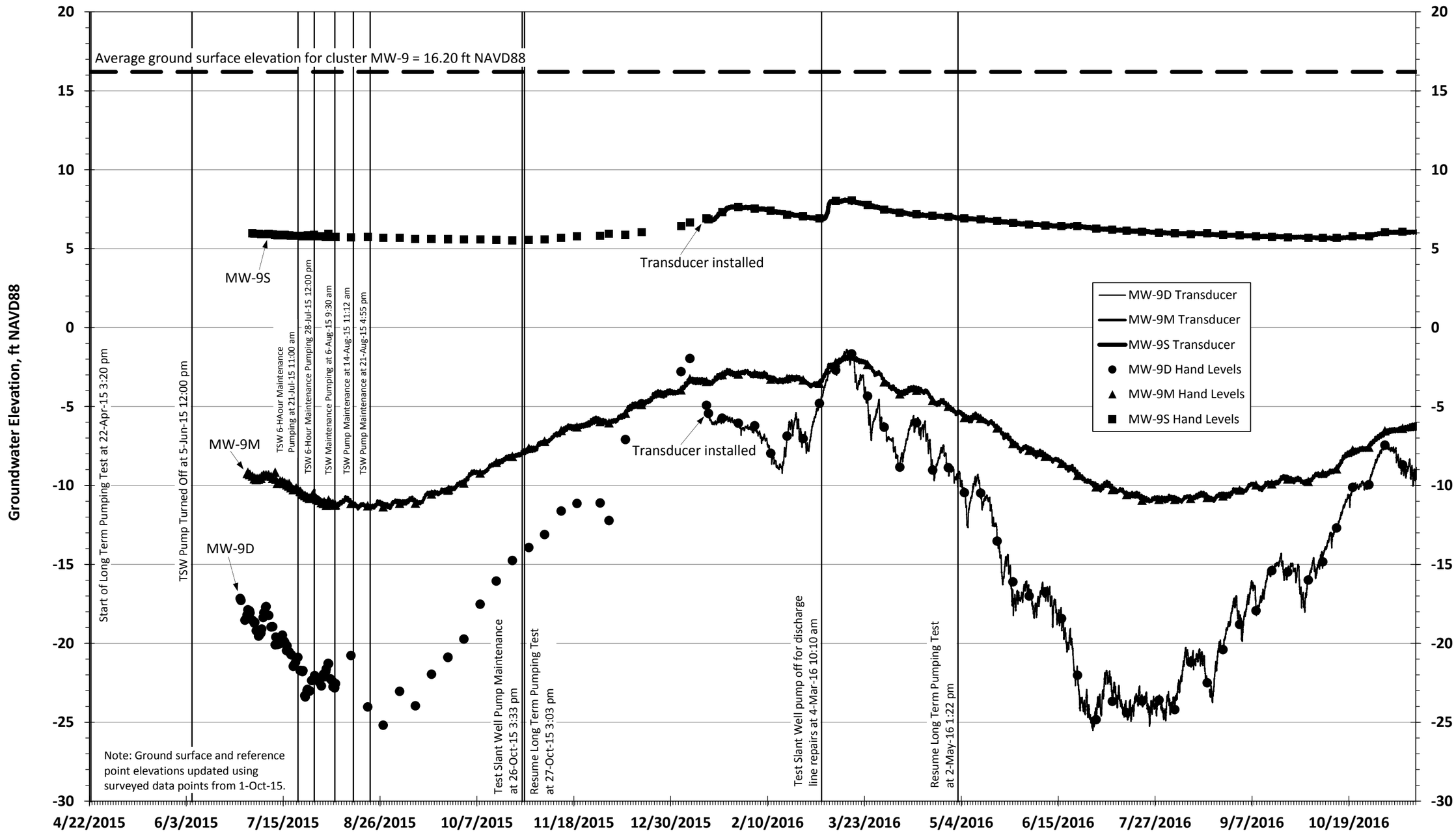

Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

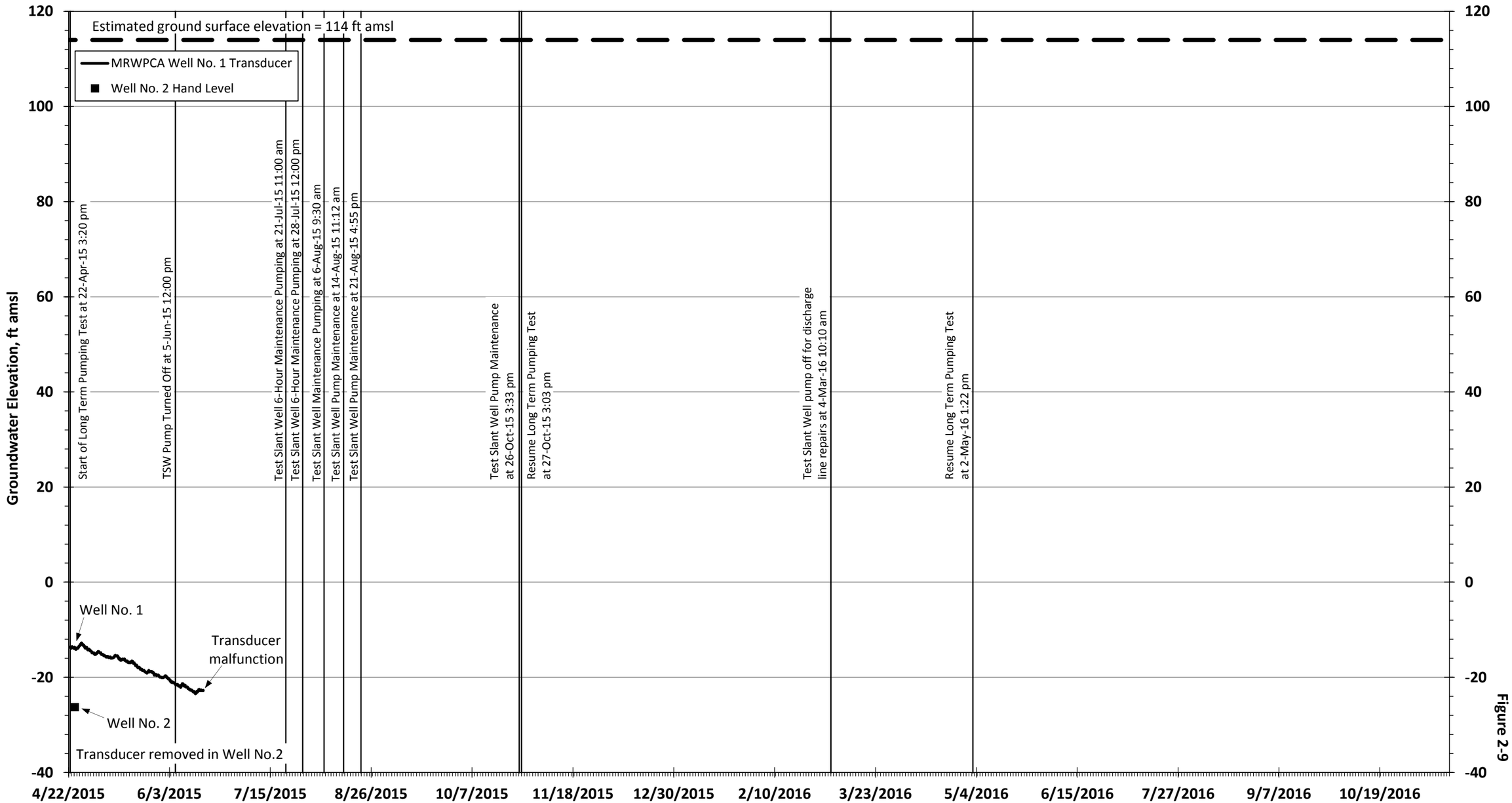

Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

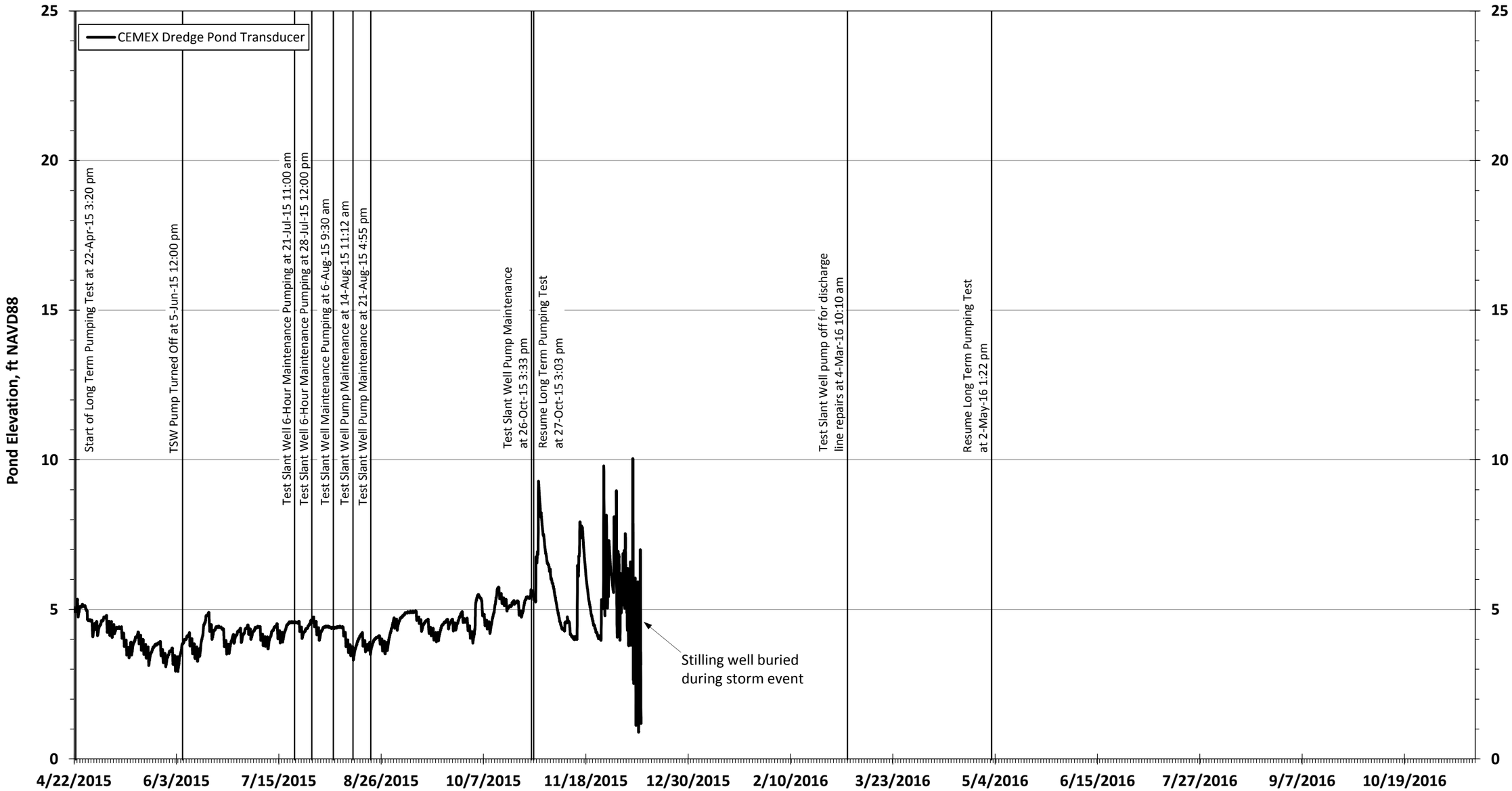

Figure 2-10

Groundwater Elevation in CEMEX North Well

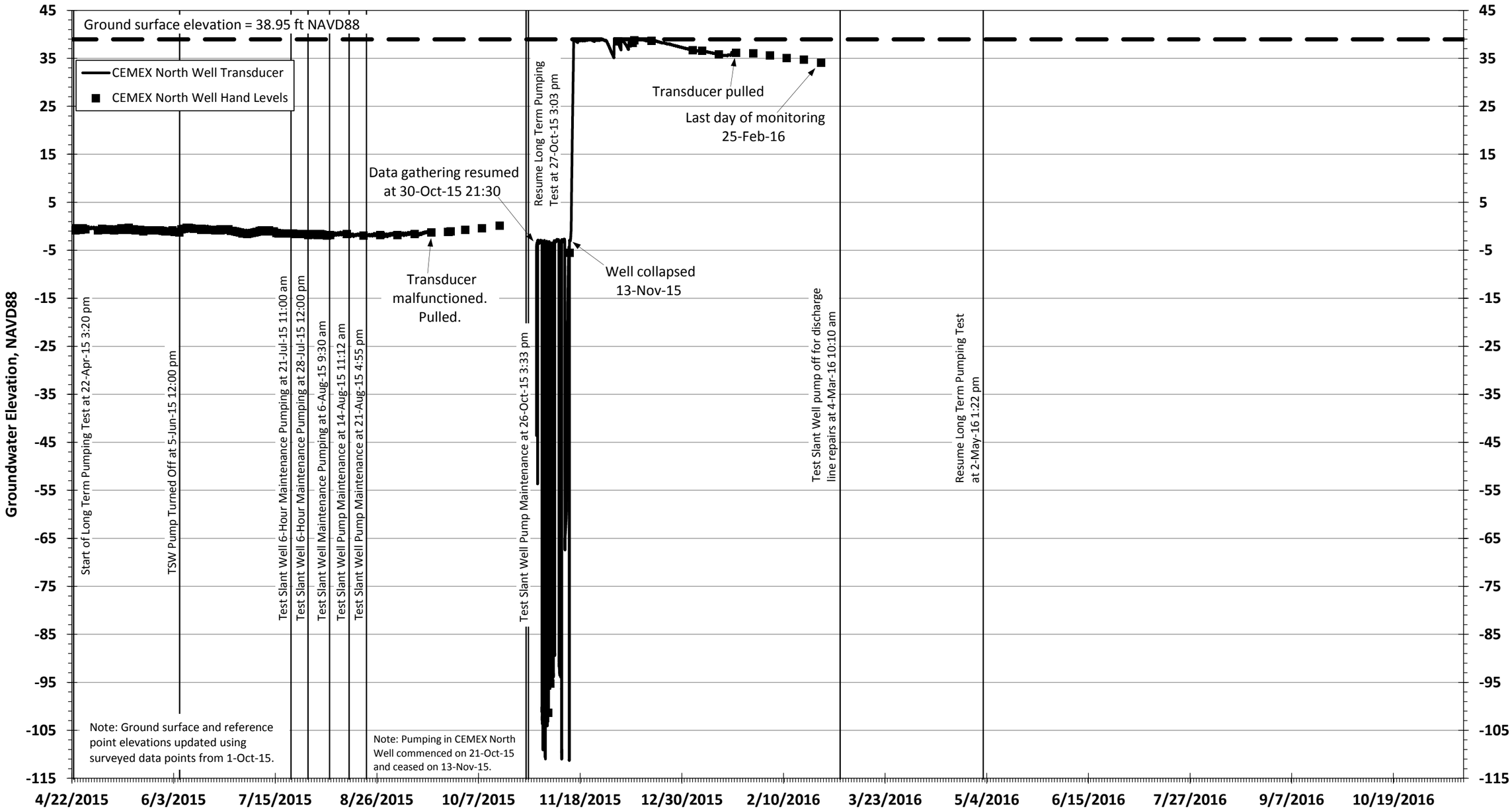

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

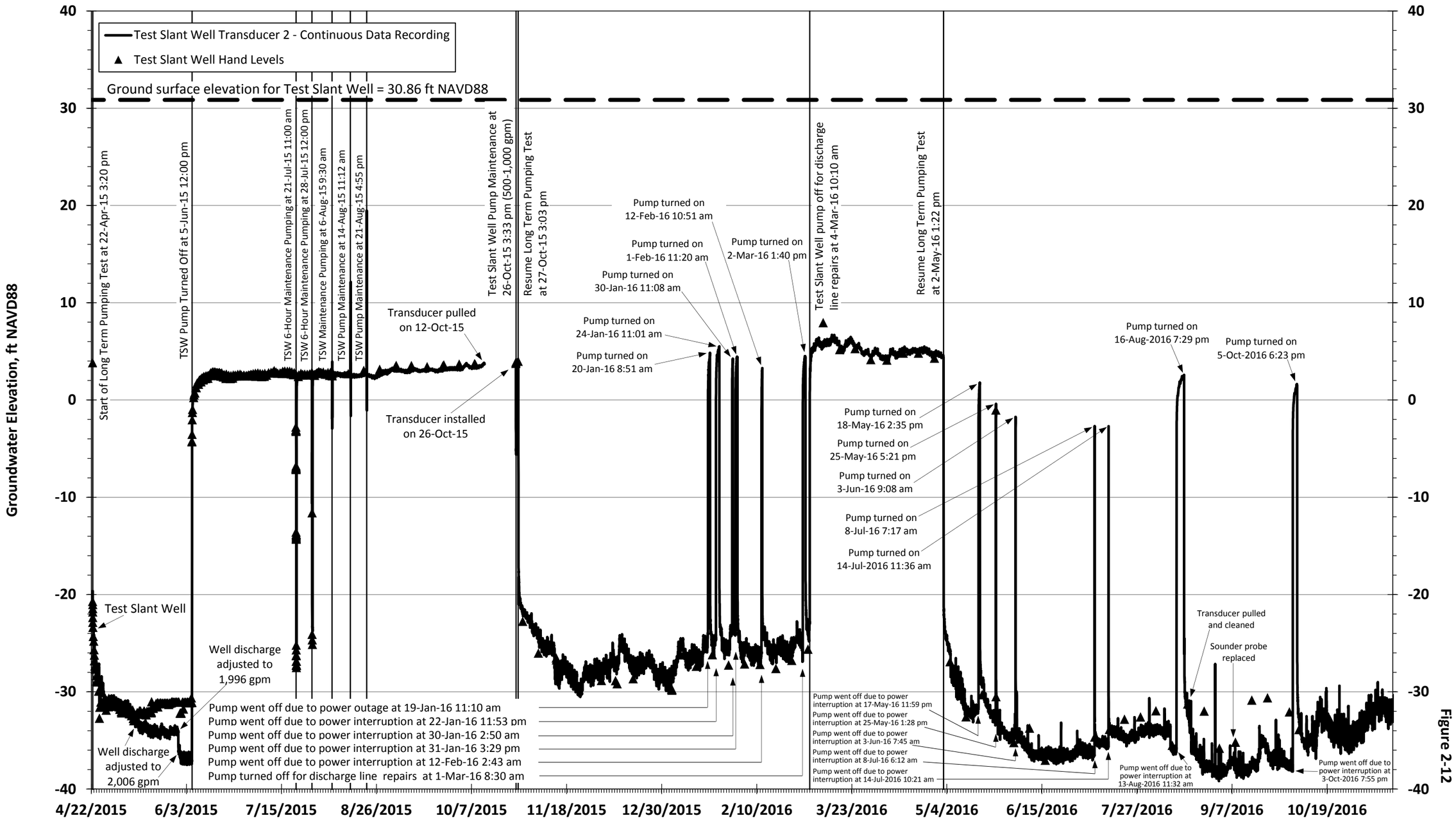

Figure 2-12

Specific Conductivity in MPWSP MW-1

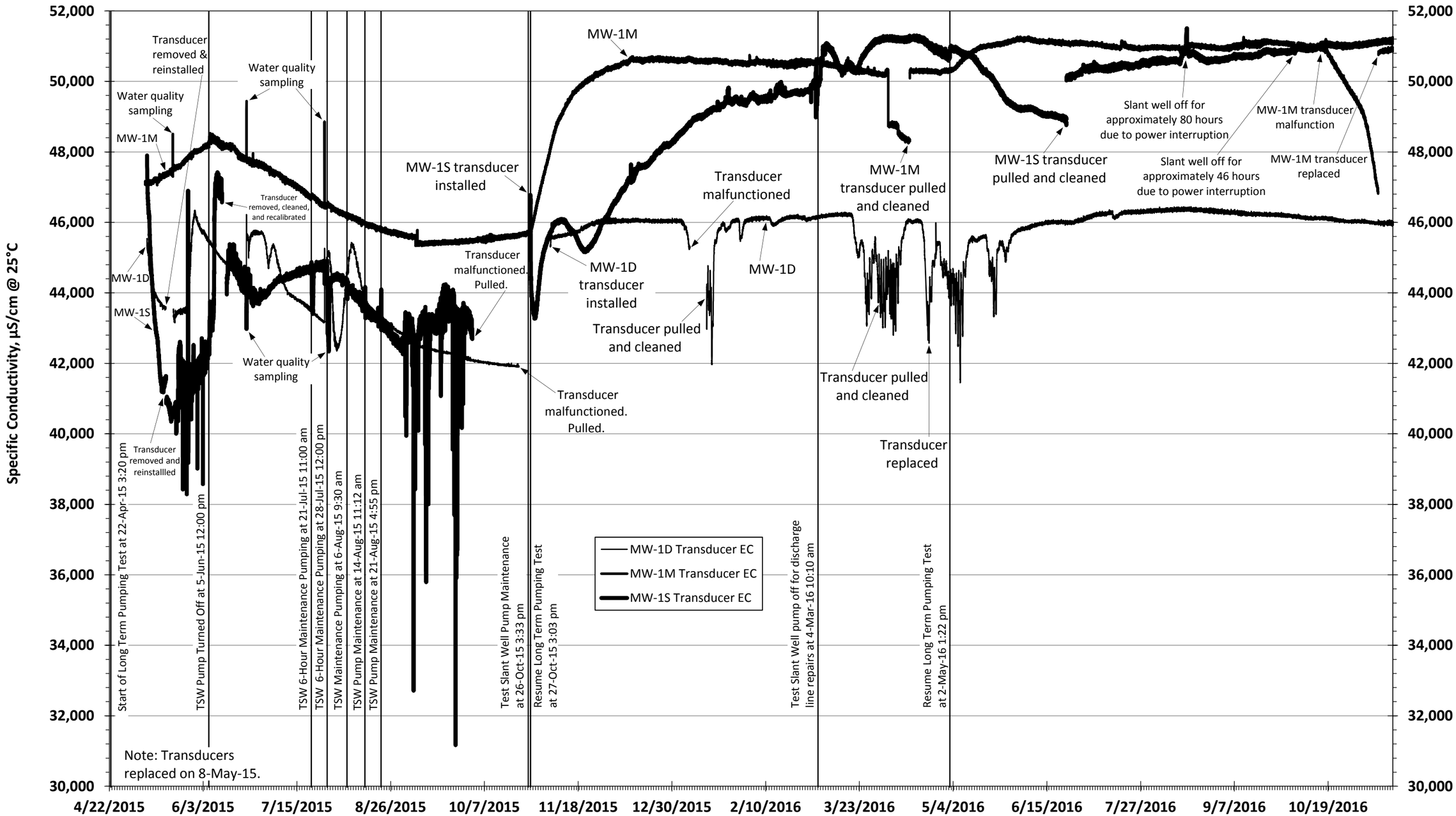

Figure 3-1

Specific Conductivity in MPWSP MW-3

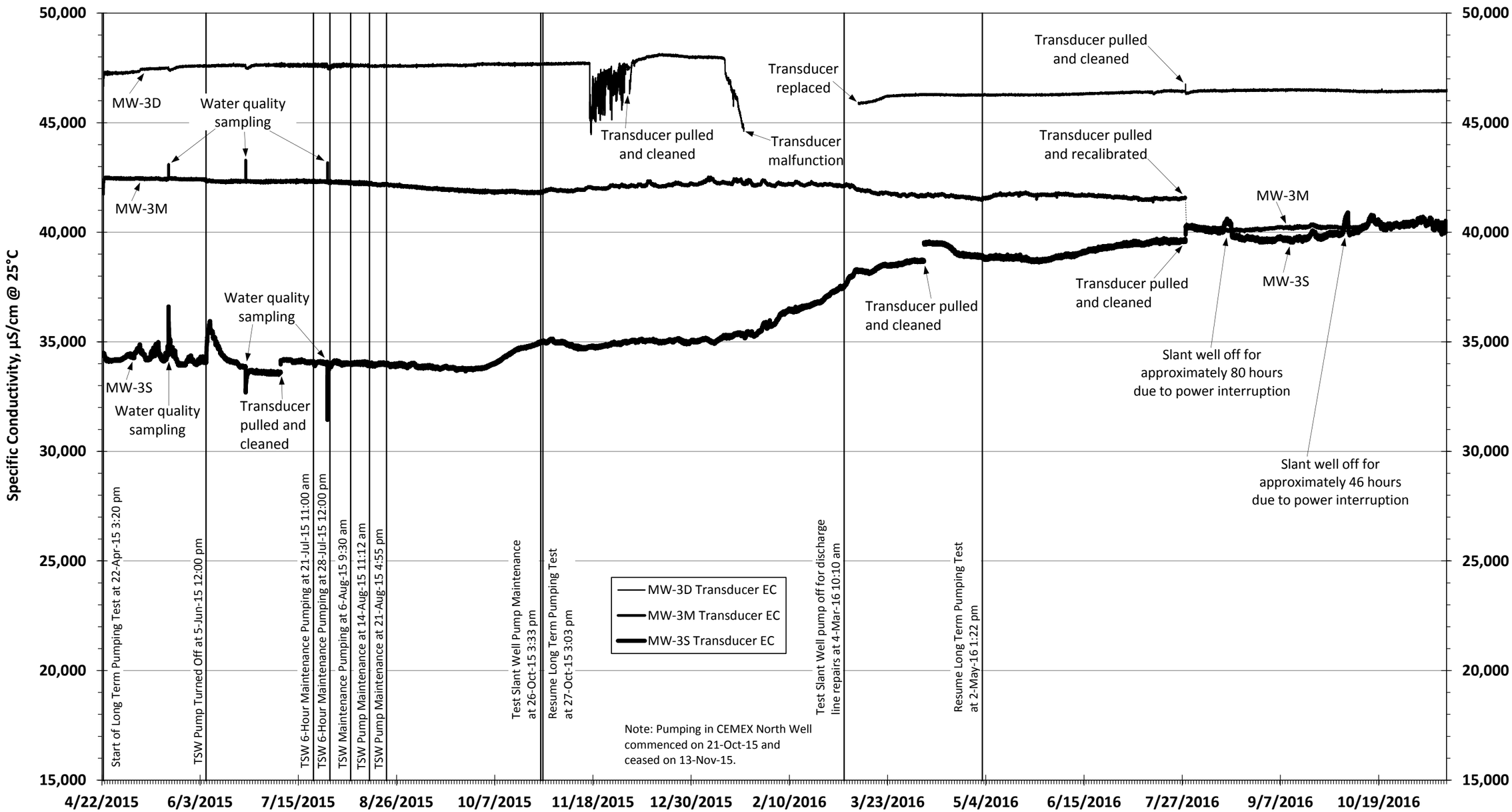

Figure 3-2

Specific Conductivity in MPWSP MW-4

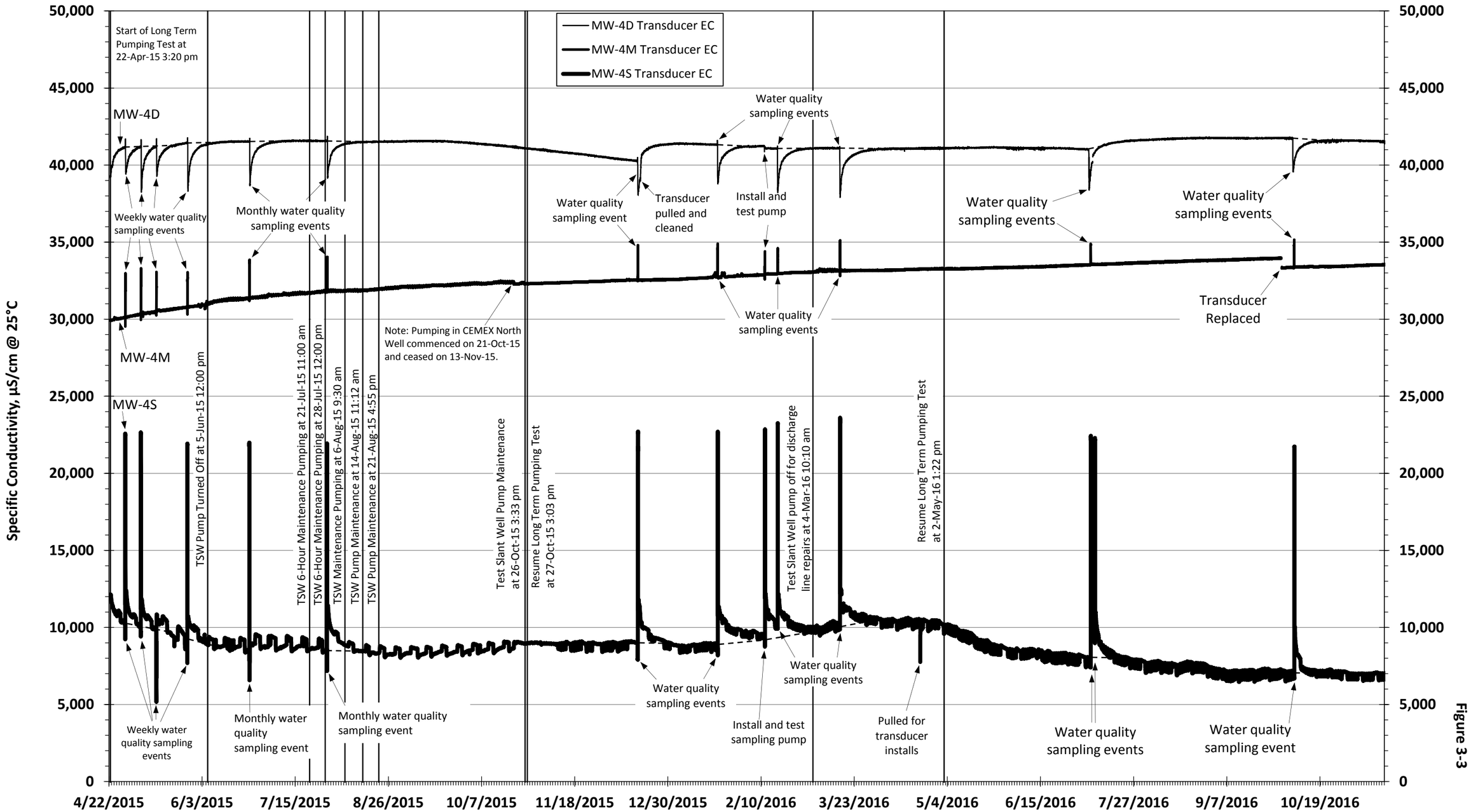

Figure 3-3

Specific Conductivity in MPWSP MW-5

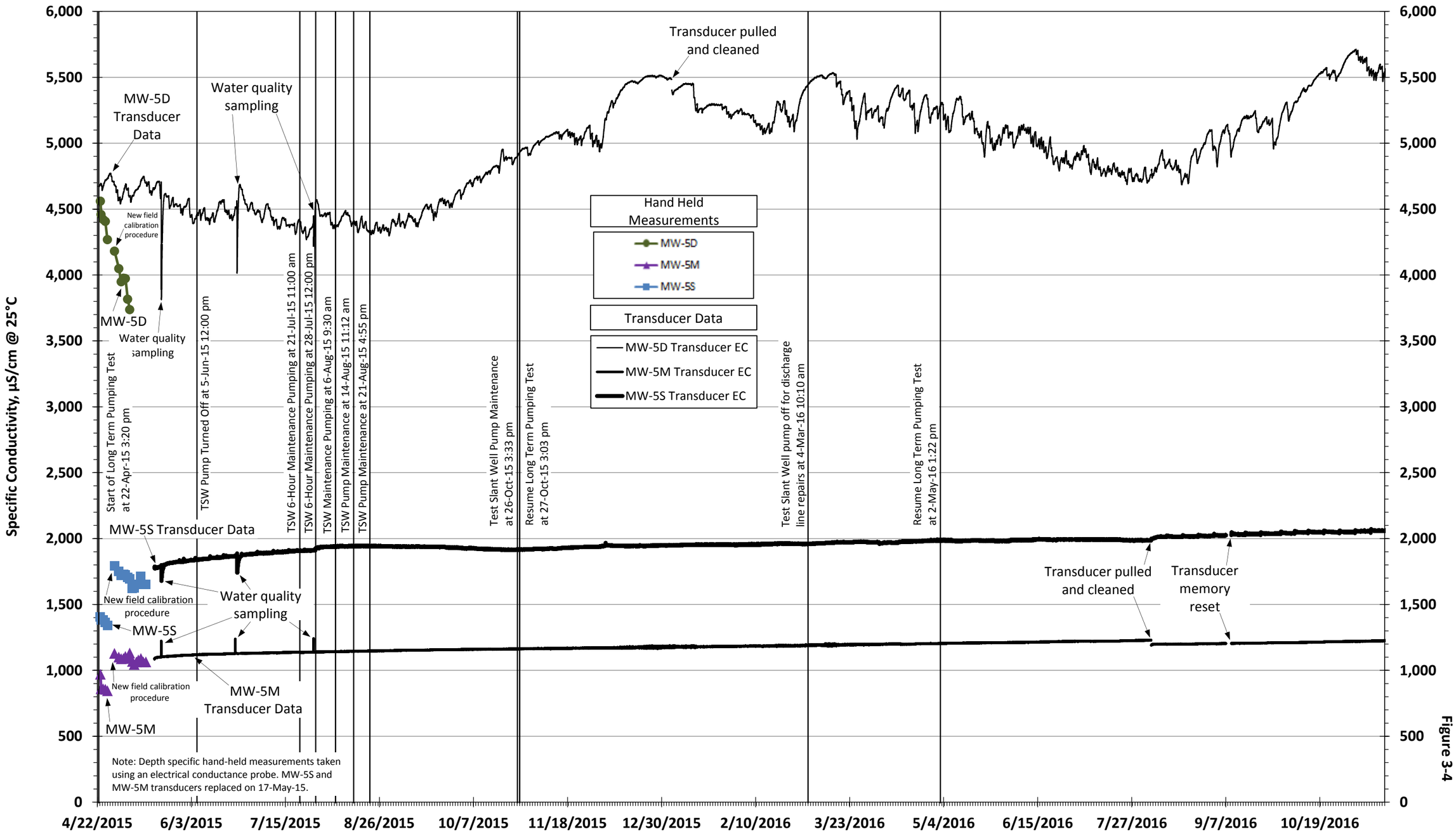

Figure 3-4

Specific Conductivity in MPWSP MW-6

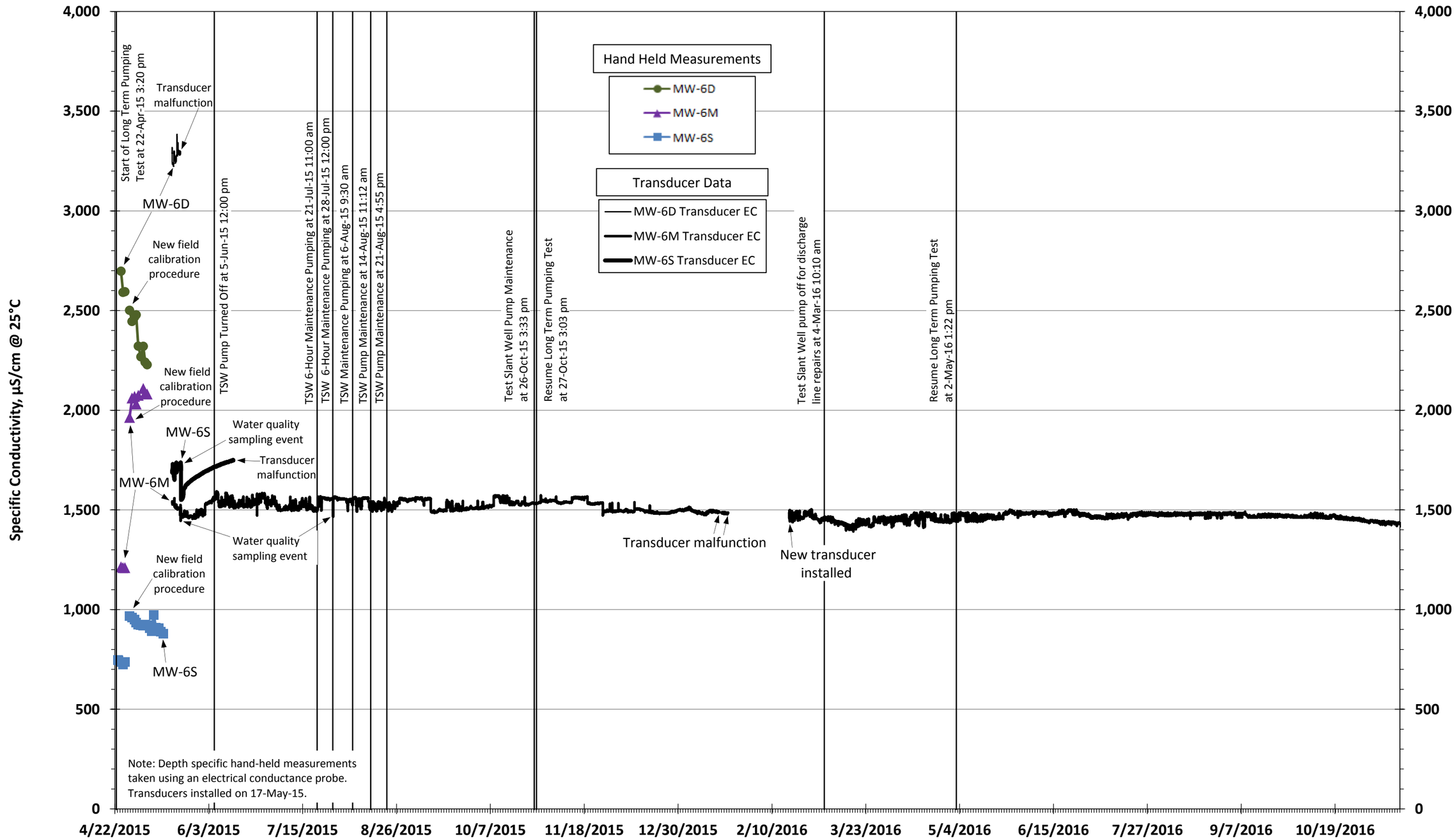

Figure 3-5

Specific Conductivity in MPWSP MW-7

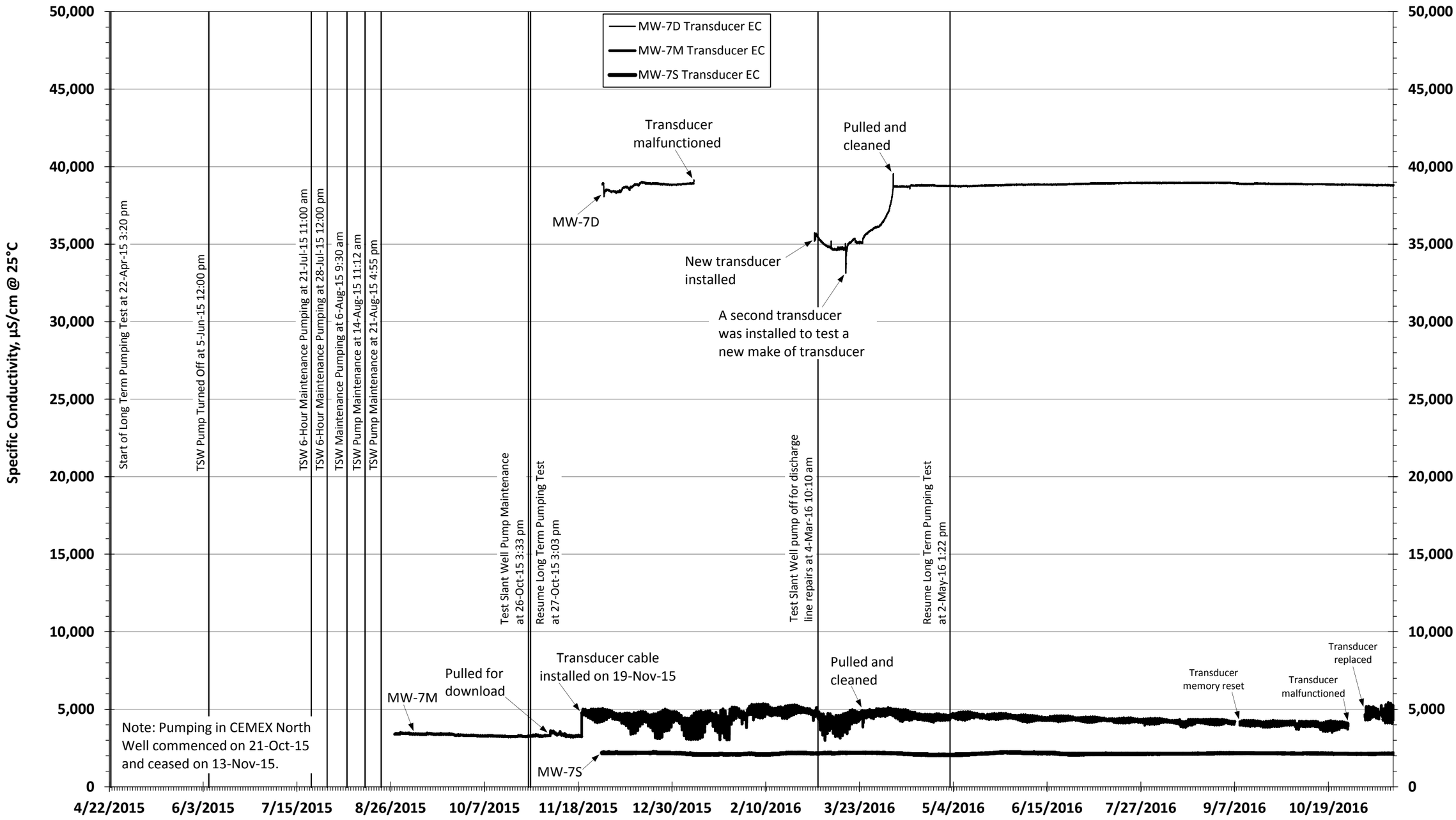

Figure 3-6

Specific Conductivity in MPWSP MW-8

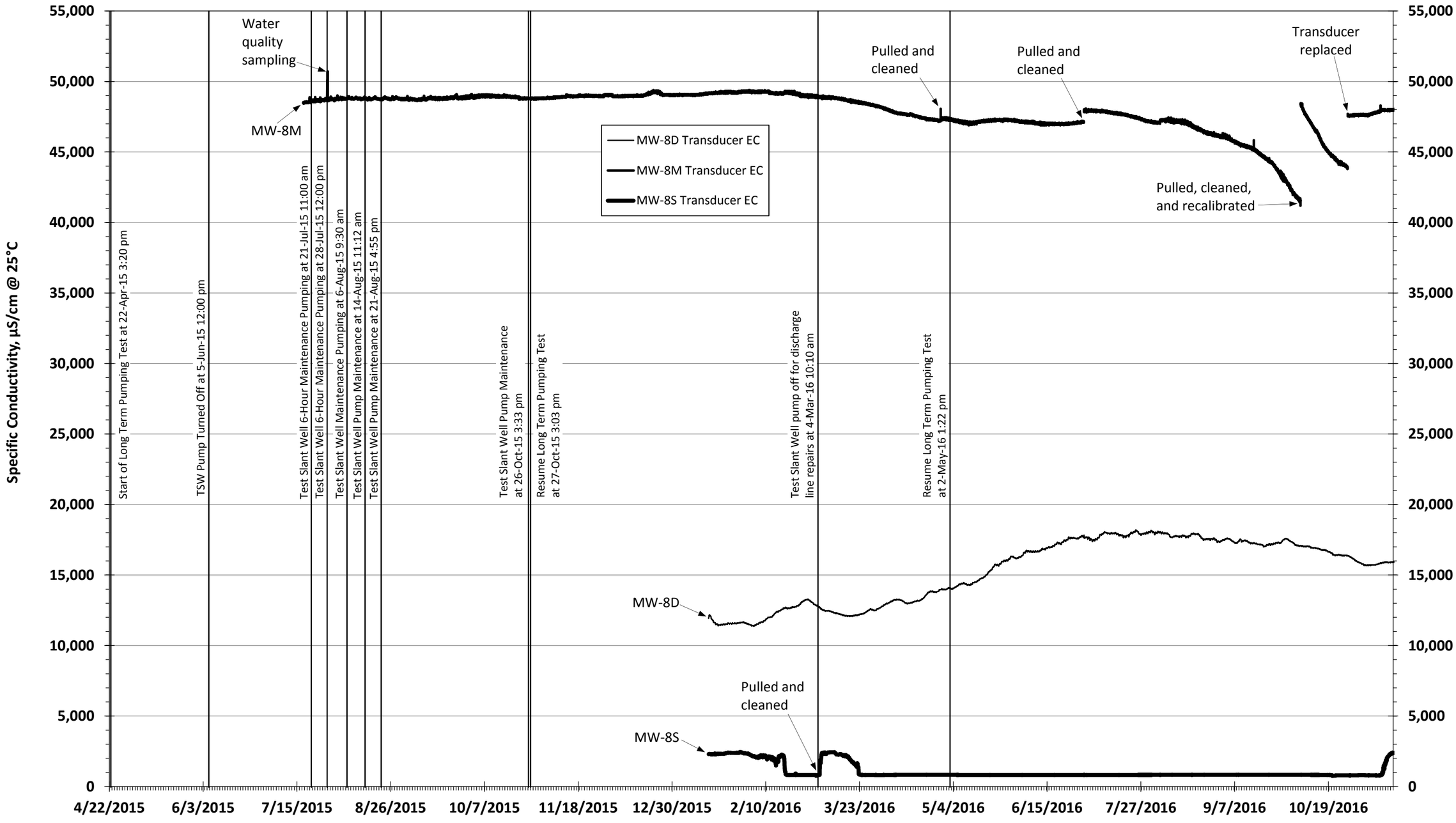

Figure 3-7

Specific Conductivity in MPWSP MW-9

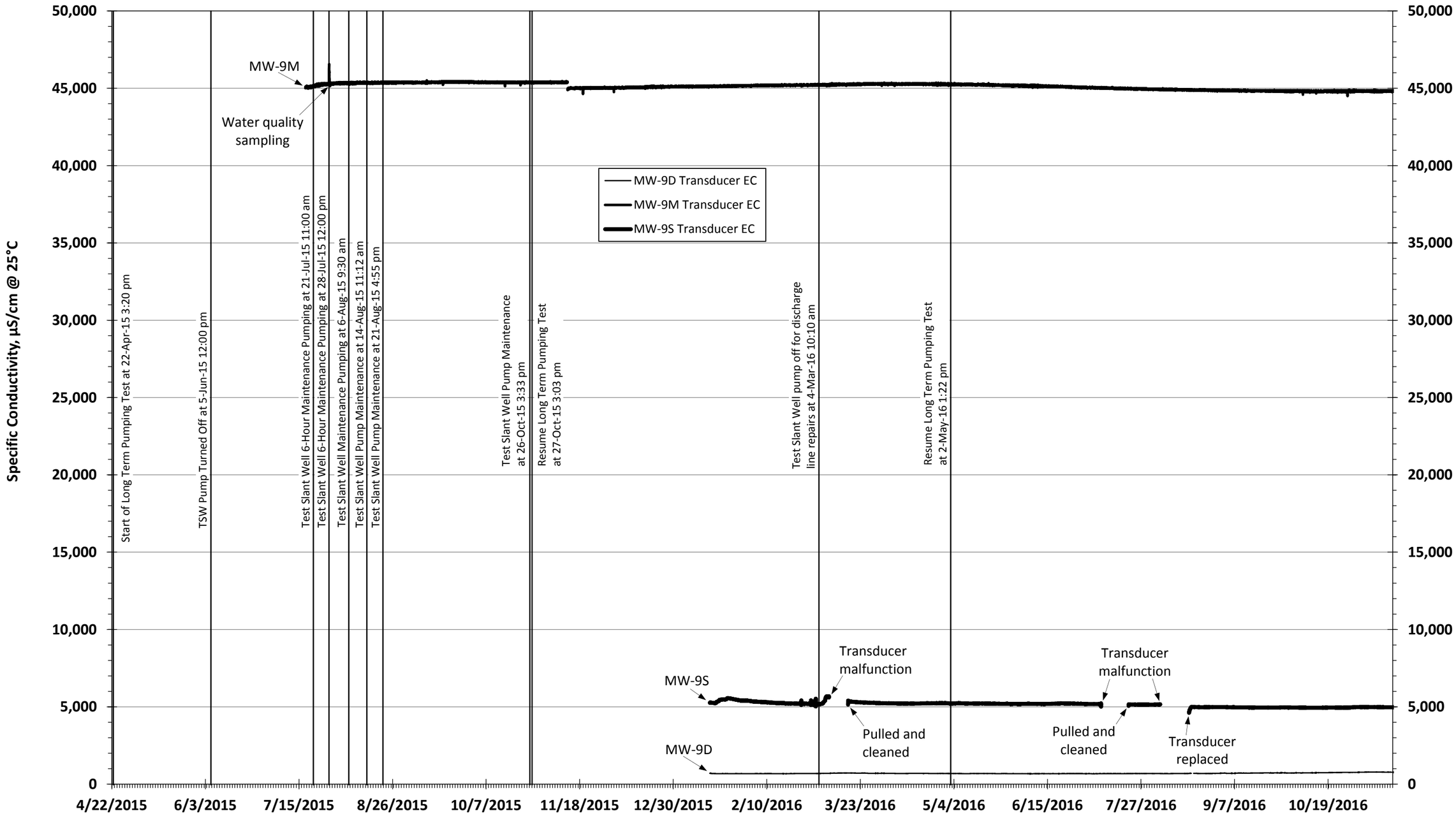

Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

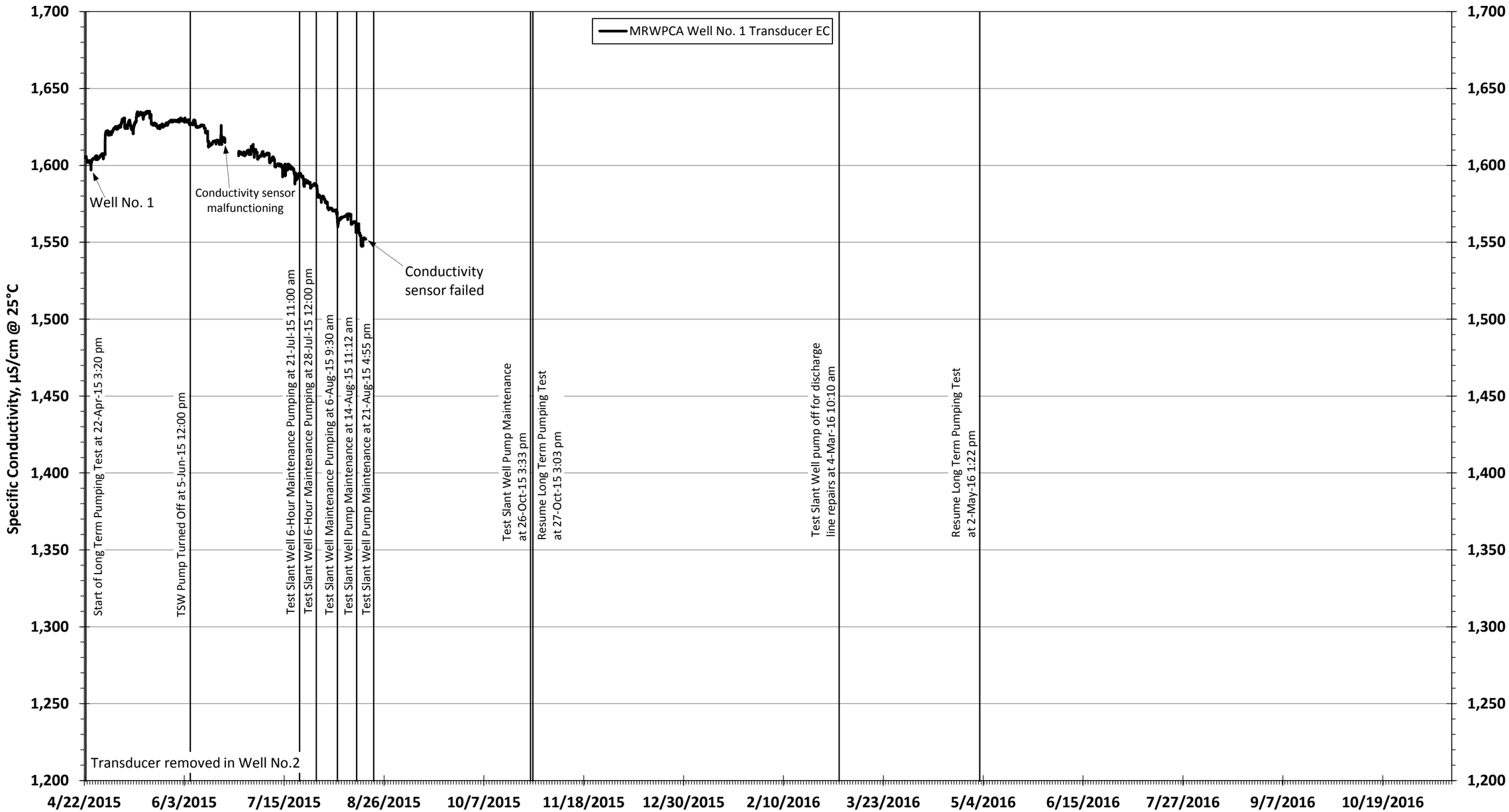

Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

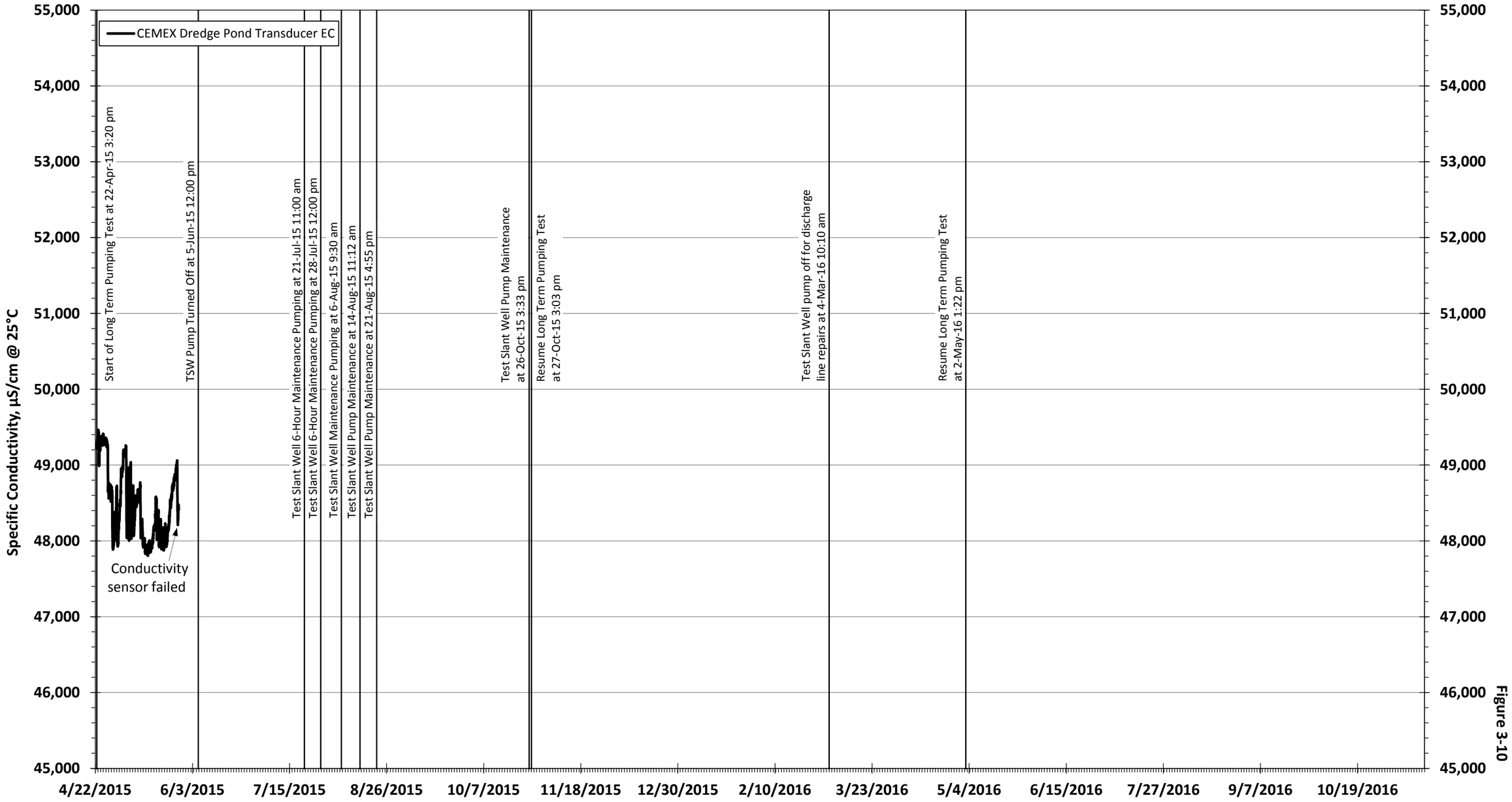

Figure 3-10

Specific Conductivity in CEMEX North Well

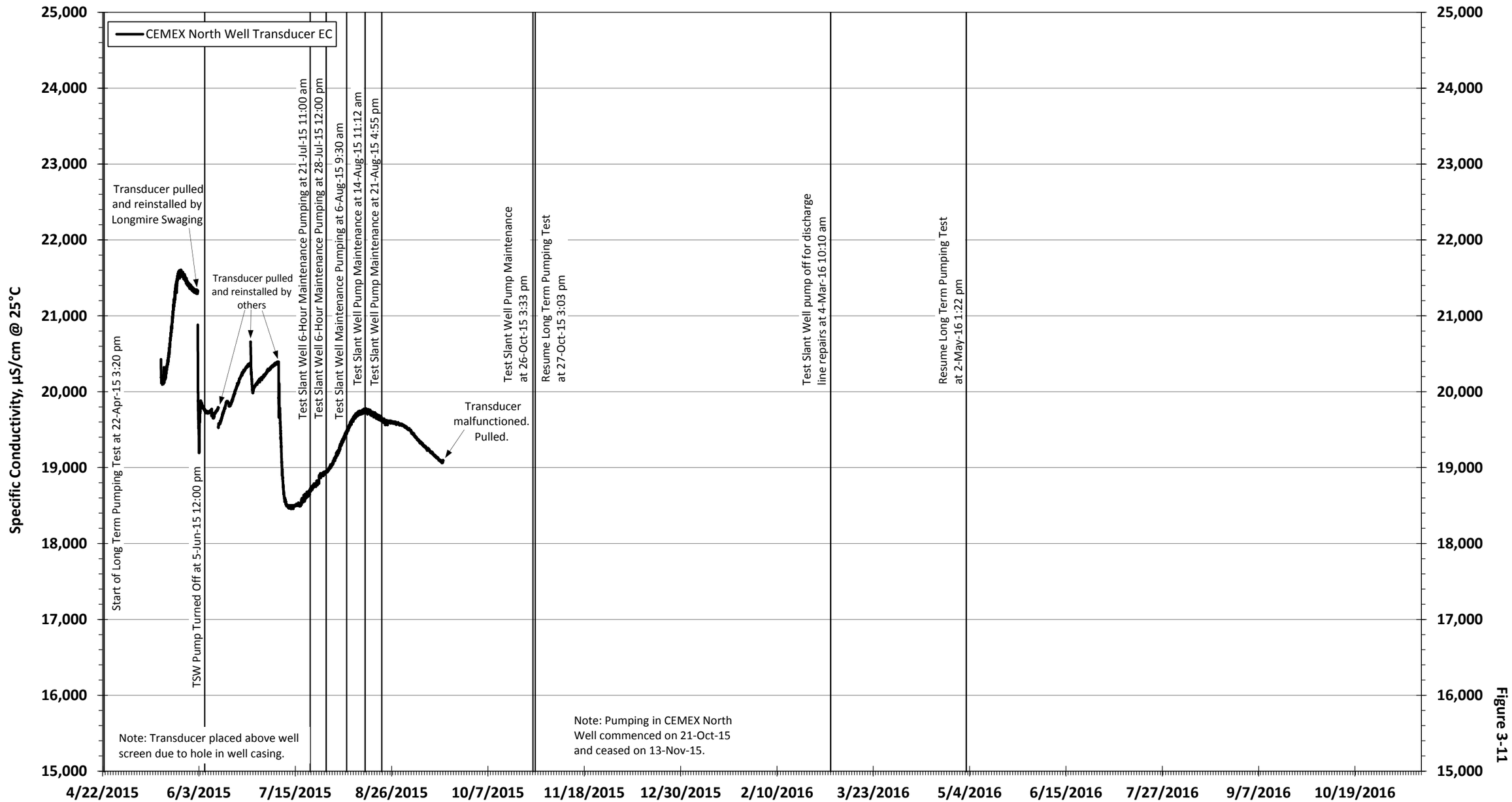

Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

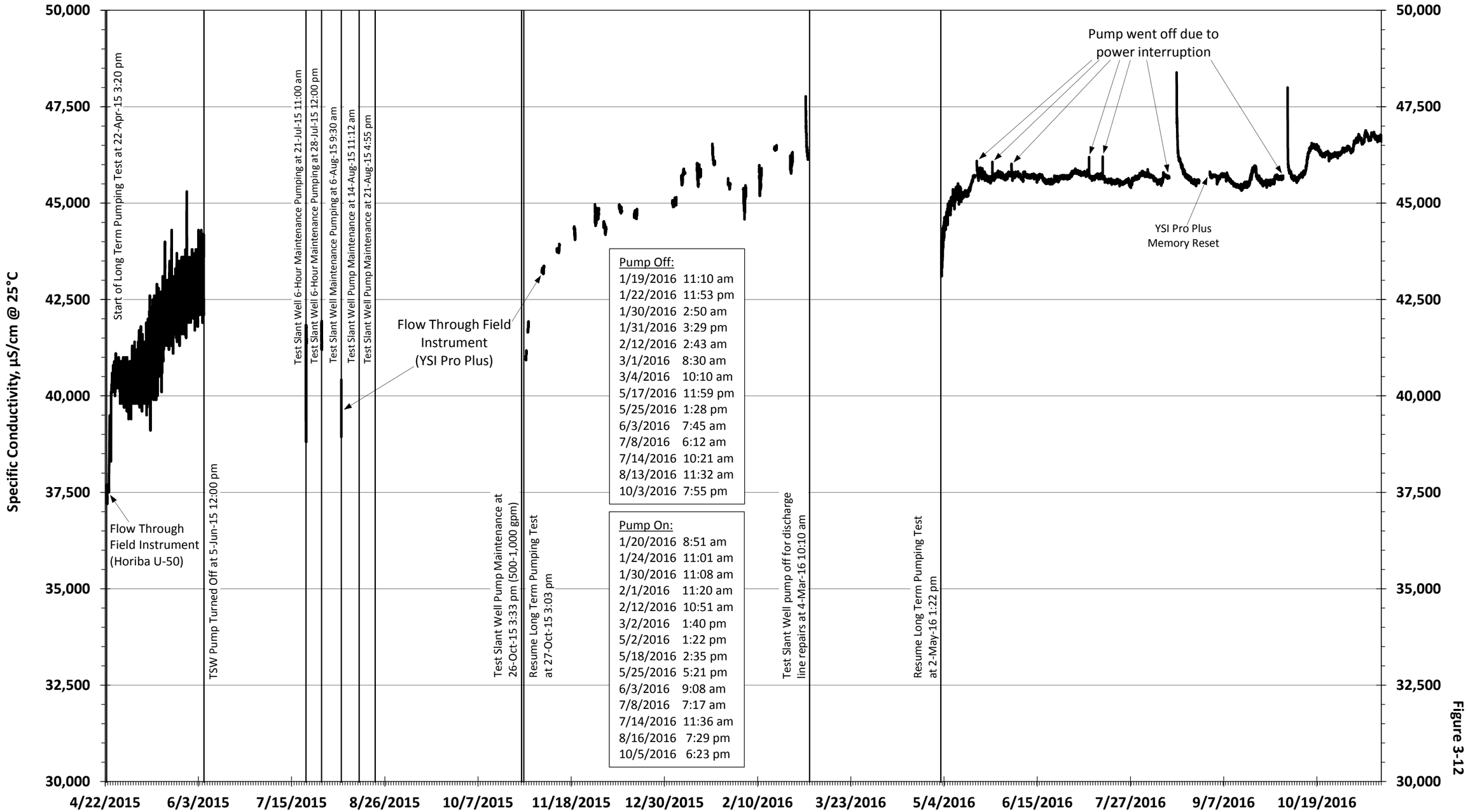

Figure 3-12

TABLES

GEOSCIENCE

Table 1: Well Information Table

Well Name	Cluster	Reference Point (RP)	State Plane Coordinates Northing	State Plane Coordinates 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
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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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

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

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

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
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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

STATE OF CALIFORNIA – THE RESOURCES AGENCY

ARNOLD SCHWARZENEGGER, *GOVERNOR*

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

Matt Dole

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

9-November-16 - 16-November-16

GEOSCIENCE

Report Date: 11/18/2016 8:36:09 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1D LT Test_2016-11-17_08-36-00-298-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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
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8/25/2016 4:46:04 PM	Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM
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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
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9/22/2016 3:53:02 PM	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM
10/2/2016 8:41:47 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:30:00 AM
10/7/2016 6:15:57 PM	Log Download - Used Battery: 11% Used Memory: 20% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM
10/13/2016 1:17:34 PM	Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:30:00 PM
10/20/2016 12:08:32 PM	Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:45:00 PM
10/27/2016 9:42:03 AM	Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:00:00 AM
11/3/2016 9:12:43 AM	Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM
11/10/2016 10:44:11 AM	Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:35:14 AM	Log Download - Used Battery: 13% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 715
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	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)
	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: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: Baro-Adj Calc SN#: 000000
11/10/2016 12:00:00 AM	7200.000	121.117	19.113	272.828	40791.508	45959.426	30.070	31252.410	24.515	1.021	14.743
11/10/2016 12:15:00 AM	8100.000	121.161	19.128	272.927	40848.734	46009.051	30.107	31286.156	24.481	1.021	14.744
11/10/2016 12:30:00 AM	9000.000	121.106	19.125	272.803	40829.629	45990.633	30.093	31273.633	24.492	1.021	14.746
11/10/2016 12:45:00 AM	9900.000	121.086	19.110	272.758	40811.934	45985.383	30.089	31270.061	24.503	1.021	14.746
11/10/2016 1:00:00 AM	10800.000	121.067	19.110	272.716	40817.531	45991.945	30.094	31274.525	24.499	1.021	14.745
11/10/2016 1:15:00 AM	11700.000	121.150	19.112	272.901	40819.309	45991.270	30.093	31274.064	24.498	1.021	14.741
11/10/2016 1:30:00 AM	12600.000	121.135	19.110	272.868	40825.344	46000.578	30.100	31280.395	24.495	1.021	14.741
11/10/2016 1:45:00 AM	13500.000	121.182	19.109	272.974	40827.633	46003.410	30.102	31282.320	24.493	1.021	14.736
11/10/2016 2:00:00 AM	14400.000	121.284	19.119	273.204	40790.859	45952.395	30.065	31247.631	24.515	1.021	14.740
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24.485	1.021	14.739						
11/10/2016 2:30:00 AM	16200.000	121.226	19.124	273.073	40791.691	45948.332	30.062	31244.867
24.515	1.021	14.737						
11/10/2016 2:45:00 AM	17100.000	121.276	19.113	273.186	40808.004	45978.102	30.084	31265.109
24.505	1.021	14.739						
11/10/2016 3:00:00 AM	18000.000	121.380	19.118	273.420	40817.141	45983.648	30.088	31268.883
24.500	1.021	14.739						
11/10/2016 3:15:00 AM	18900.000	121.371	19.120	273.400	40801.207	45962.844	30.073	31254.736
24.509	1.021	14.741						
11/10/2016 3:30:00 AM	19800.000	121.413	19.126	273.495	40792.395	45947.133	30.062	31244.053
24.514	1.021	14.737						
11/10/2016 3:45:00 AM	20700.000	121.473	19.114	273.630	40806.090	45974.730	30.081	31262.816
24.506	1.021	14.738						
11/10/2016 4:00:00 AM	21600.000	121.481	19.117	273.647	40822.594	45990.652	30.093	31273.645
24.496	1.021	14.742						
11/10/2016 4:15:00 AM	22500.000	121.536	19.118	273.772	40809.996	45974.996	30.082	31262.998
24.504	1.021	14.735						
11/10/2016 4:30:00 AM	23400.000	121.599	19.116	273.914	40815.410	45983.516	30.088	31268.793
24.501	1.021	14.736						
11/10/2016 4:45:00 AM	24300.000	121.633	19.118	273.990	40829.074	45996.148	30.097	31277.383
24.492	1.021	14.732						
11/10/2016 5:00:00 AM	25200.000	121.677	19.109	274.088	40781.160	45951.223	30.064	31246.834
24.521	1.021	14.740						
11/10/2016 5:15:00 AM	26100.000	121.671	19.119	274.075	40803.820	45966.738	30.076	31257.383
24.508	1.021	14.735						
11/10/2016 5:30:00 AM	27000.000	121.711	19.124	274.166	40799.035	45956.602	30.069	31250.492
24.510	1.021	14.732						
11/10/2016 5:45:00 AM	27900.000	121.732	19.112	274.212	40794.203	45962.980	30.073	31254.828
24.513	1.021	14.739						
11/10/2016 6:00:00 AM	28800.000	121.743	19.120	274.237	40793.789	45954.488	30.067	31249.055
24.514	1.021	14.739						
11/10/2016 6:15:00 AM	29700.000	121.790	19.124	274.344	40818.766	45979.438	30.085	31266.020
24.499	1.021	14.758						
11/10/2016 6:30:00 AM	30600.000	121.840	19.110	274.456	40797.016	45968.219	30.076	31258.391
24.512	1.021	14.744						
11/10/2016 6:45:00 AM	31500.000	121.828	19.109	274.430	40816.547	45991.359	30.093	31274.127
24.500	1.021	14.747						
11/10/2016 7:00:00 AM	32400.000	121.838	19.114	274.453	40799.438	45967.234	30.076	31257.721
24.510	1.021	14.749						
11/10/2016 7:15:00 AM	33300.000	121.856	19.113	274.492	40805.277	45975.121	30.081	31263.084
24.507	1.021	14.746						
11/10/2016 7:30:00 AM	34200.000	121.837	19.112	274.451	40789.250	45958.172	30.069	31251.559
24.516	1.021	14.749						
11/10/2016 7:45:00 AM	35100.000	121.839	19.112	274.454	40807.848	45978.355	30.084	31265.283
24.505	1.021	14.756						
11/10/2016 8:00:00 AM	36000.000	121.821	19.120	274.414	40836.496	46002.688	30.102	31281.830
24.488	1.021	14.754						
11/10/2016 8:15:00 AM	36900.000	121.795	19.113	274.355	40829.160	46001.418	30.101	31280.965
24.492	1.021	14.748						
11/10/2016 8:30:00 AM	37800.000	121.743	19.121	274.238	40828.777	45993.734	30.095	31275.742
24.493	1.021	14.747						
11/10/2016 8:45:00 AM	38700.000	121.723	19.117	274.192	40824.750	45992.816	30.095	31275.115
24.495	1.021	14.748						
11/10/2016 9:00:00 AM	39600.000	121.707	19.117	274.157	40813.961	45980.148	30.085	31266.504
24.501	1.021	14.754						
11/10/2016 9:15:00 AM	40500.000	121.670	19.136	274.075	40798.031	45943.918	30.060	31241.867
24.511	1.021	14.750						
11/10/2016 9:30:00 AM	41400.000	121.660	19.133	274.051	40827.203	45979.605	30.086	31266.135
24.493	1.021	14.742						
11/10/2016 9:45:00 AM	42300.000	121.585	19.136	273.883	40825.742	45974.859	30.082	31262.904
24.494	1.021	14.741						
11/10/2016 10:00:00 AM	43200.000	121.559	19.136	273.824	40823.273	45972.344	30.081	31261.193
24.496	1.021	14.738						
11/10/2016 10:15:00 AM	44100.000	121.513	19.138	273.719	40826.566	45974.500	30.082	31262.660
24.494	1.021	14.741						
11/10/2016 10:30:00 AM	45000.000	121.498	19.126	273.687	40808.930	45965.680	30.075	31256.664
24.504	1.021	14.743						
11/10/2016 10:45:00 AM	45900.000	121.447	19.117	273.571	40801.891	45966.973	30.076	31257.541
24.509	1.021	14.734						
11/10/2016 11:00:00 AM	46800.000	121.429	19.104	273.530	40881.965	46070.344	30.150	31327.836
24.461	1.021	14.732						
11/10/2016 11:15:00 AM	47700.000	121.383	19.107	273.426	40759.949	45929.387	30.048	31231.982
24.534	1.021	14.734						
11/10/2016 11:30:00 AM	48600.000	121.385	19.107	273.432	40782.797	45955.051	30.067	31249.438
24.520	1.021	14.727						
11/10/2016 11:45:00 AM	49500.000	121.288	19.111	273.213	40766.414	45932.961	30.051	31234.416
24.530	1.021	14.729						
11/10/2016 12:00:00 PM	50400.000	121.299	19.112	273.238	40793.359	45962.113	30.072	31254.240
24.514	1.021	14.727						
11/10/2016 12:15:00 PM	51300.000	121.250	19.111	273.128	40790.105	45959.234	30.070	31252.281
24.516	1.021	14.730						
11/10/2016 12:30:00 PM	52200.000	121.249	19.127	273.126	40825.684	45984.289	30.089	31269.318
24.494	1.021	14.726						
11/10/2016 12:45:00 PM	53100.000	121.232	19.141	273.086	40847.816	45994.879	30.097	31276.520
24.481	1.021	14.726						
11/10/2016 1:00:00 PM	54000.000	121.220	19.130	273.061	40856.703	46015.684	30.112	31290.666
24.476	1.021	14.716						
11/10/2016 1:15:00 PM	54900.000	121.204	19.125	273.025	40785.563	45940.219	30.057	31239.352
24.518	1.021	14.718						
11/10/2016 1:30:00 PM	55800.000	121.216	19.120	273.051	40804.016	45966.348	30.075	31257.119
24.507	1.021	14.727						
11/10/2016 1:45:00 PM	56700.000	121.219	19.124	273.057	40804.266	45962.926	30.073	31254.791
24.507	1.021	14.725						
11/10/2016 2:00:00 PM	57600.000	121.250	19.108	273.128	40799.484	45973.250	30.080	31261.813
24.510	1.021	14.726						
11/10/2016 2:15:00 PM	58500.000	121.264	19.116	273.160	40807.301	45974.539	30.081	31262.689
24.505	1.021	14.731						
11/10/2016 2:30:00 PM	59400.000	121.265	19.111	273.162	40788.227	45957.281	30.068	31250.951
24.517	1.021	14.729						
11/10/2016 2:45:00 PM	60300.000	121.257	19.108	273.144	40821.914	45998.176	30.098	31278.762
24.497	1.021	14.726						
11/10/2016 3:00:00 PM	61200.000	121.304	19.112	273.250	40768.238	45934.258	30.052	31235.297
24.529	1.021	14.731						
11/10/2016 3:15:00 PM	62100.000	121.339	19.109	273.328	40810.367	45984.824	30.088	31269.684
24.504	1.021	14.732						
11/10/2016 3:30:00 PM	63000.000	121.385	19.114	273.432	40782.094	45948.043	30.062	31244.670
24.521	1.021	14.738						
11/10/2016 3:45:00 PM	63900.000	121.374	19.114	273.407	40837.770	46010.602	30.107	31287.211
24.487	1.021	14.737						
11/10/2016 4:00:00 PM	64800.000	121.455	19.111	273.589	40796.543	45967.172	30.076	31257.680
24.512	1.021	14.737						
11/10/2016 4:15:00 PM	65700.000	121.497	19.117	273.683	40822.609	45990.156	30.093	31273.309
24.496	1.021	14.739						
11/10/2016 4:30:00 PM	66600.000	121.496	19.111	273.682	40824.754	45998.871	30.099	31279.234
24.495	1.021	14.738						
11/10/2016 4:45:00 PM	67500.000	121.535	19.113	273.769	40804.984	45974.270	30.081	31262.504
24.507	1.021	14.743						
11/10/2016 5:00:00 PM	68400.000	121.555	19.122	273.814	40828.480	45992.367	30.094	31274.813
24.493	1.021	14.730						
11/10/2016 5:15:00 PM	69300.000	121.606	19.121	273.930	40801.316	45961.934	30.072	31254.115
24.509	1.021	14.746						
11/10/2016 5:30:00 PM	70200.000	121.601	19.116	273.919	40799.086	45964.945	30.074	31256.166
24.510	1.021	14.744						
11/10/2016 5:45:00 PM	71100.000	121.620	19.120	273.961	40800.441	45962.504	30.073	31254.506
24.510	1.021	14.741						
11/10/2016 6:00:00 PM	72000.000	121.655	19.123	274.039	40882.734	46051.918	30.138	31315.307
24.460	1.021	14.748						
11/10/2016 6:15:00 PM	72900.000	121.674	19.122	274.082	40791.438	45950.641	30.064	31246.438
24.515	1.021	14.744						
11/10/2016 6:30:00 PM	73800.000	121.696	19.117	274.133	40825.801	45993.832	30.095	31275.809
24.494	1.021	14.745						
11/10/2016 6:45:00 PM	74700.000	121.694	19.119	274.127	40818.617	45983.496	30.088	31268.779
24.499	1.021	14.740						

11/10/2016 7:00:00 PM	75600.000	121.717	19.112	274.179	40842.270	46017.402	30.112	31291.836	24.484
1.021	14.744								
11/10/2016 7:15:00 PM	76500.000	121.705	19.117	274.151	40823.547	45991.727	30.094	31274.375	24.496
1.021	14.745								
11/10/2016 7:30:00 PM	77400.000	121.682	19.129	274.100	40816.414	45971.691	30.080	31260.752	24.500
1.021	14.741								
11/10/2016 7:45:00 PM	78300.000	121.684	19.124	274.106	40792.461	45949.035	30.063	31245.346	24.514
1.021	14.742								
11/10/2016 8:00:00 PM	79200.000	121.682	19.119	274.100	40799.980	45962.504	30.073	31254.506	24.510
1.021	14.750								
11/10/2016 8:15:00 PM	80100.000	121.612	19.122	273.944	40804.953	45965.945	30.075	31256.846	24.507
1.021	14.743								
11/10/2016 8:30:00 PM	81000.000	121.635	19.120	273.996	40797.789	45959.777	30.071	31252.648	24.511
1.021	14.748								
11/10/2016 8:45:00 PM	81900.000	121.601	19.121	273.919	40813.918	45976.223	30.083	31263.834	24.501
1.021	14.751								
11/10/2016 9:00:00 PM	82800.000	121.577	19.112	273.864	40837.602	46012.227	30.108	31288.316	24.487
1.021	14.744								
11/10/2016 9:15:00 PM	83700.000	121.534	19.111	273.767	40766.977	45933.945	30.051	31235.084	24.530
1.021	14.751								
11/10/2016 9:30:00 PM	84600.000	121.503	19.115	273.697	40839.711	46011.840	30.108	31288.051	24.486
1.021	14.754								
11/10/2016 9:45:00 PM	85500.000	121.461	19.112	273.603	40828.457	46002.105	30.101	31281.434	24.493
1.021	14.748								
11/10/2016 10:00:00 PM	86400.000	121.444	19.112	273.565	40803.863	45973.867	30.081	31262.232	24.507
1.021	14.752								
11/10/2016 10:15:00 PM	87300.000	121.395	19.110	273.454	40816.184	45990.082	30.092	31273.258	24.500
1.021	14.752								
11/10/2016 10:30:00 PM	88200.000	121.354	19.112	273.363	40814.285	45985.875	30.089	31270.395	24.501
1.021	14.749								
11/10/2016 10:45:00 PM	89100.000	121.313	19.116	273.268	40817.977	45985.879	30.089	31270.398	24.499
1.021	14.754								
11/10/2016 11:00:00 PM	90000.000	121.264	19.122	273.159	40784.047	45942.141	30.058	31240.658	24.519
1.021	14.754								
11/10/2016 11:15:00 PM	90900.000	121.225	19.121	273.072	40846.574	46013.348	30.110	31289.078	24.482
1.021	14.751								
11/10/2016 11:30:00 PM	91800.000	121.199	19.118	273.013	40830.688	45998.129	30.099	31278.730	24.491
1.021	14.758								
11/10/2016 11:45:00 PM	92700.000	121.156	19.109	272.916	40799.352	45971.813	30.079	31260.834	24.510
1.021	14.757								
11/11/2016 12:00:00 AM	93600.000	121.145	19.114	272.892	40830.250	46001.527	30.101	31281.041	24.492
1.021	14.756								
11/11/2016 12:15:00 AM	94500.000	121.136	19.108	272.871	40829.902	46007.441	30.105	31285.063	24.492
1.021	14.759								
11/11/2016 12:30:00 AM	95400.000	121.079	19.108	272.742	40825.719	46002.813	30.101	31281.914	24.494
1.021	14.762								
11/11/2016 12:45:00 AM	96300.000	121.096	19.116	272.779	40787.590	45951.473	30.064	31247.004	24.517
1.021	14.755								
11/11/2016 1:00:00 AM	97200.000	121.117	19.111	272.829	40805.098	45976.723	30.083	31264.174	24.507
1.021	14.759								
11/11/2016 1:15:00 AM	98100.000	121.097	19.111	272.782	40840.285	46016.543	30.112	31291.252	24.486
1.021	14.759								
11/11/2016 1:30:00 AM	99000.000	121.105	19.114	272.801	40805.125	45973.137	30.080	31261.734	24.507
1.021	14.757								
11/11/2016 1:45:00 AM	99900.000	121.098	19.115	272.784	40821.699	45990.859	30.093	31273.787	24.497
1.021	14.752								
11/11/2016 2:00:00 AM	100800.000	121.107	19.127	272.806	40805.984	45961.676	30.072	31253.941	24.506
1.021	14.758								
11/11/2016 2:15:00 AM	101700.000	121.139	19.131	272.878	40832.063	45986.992	30.091	31271.156	24.491
1.021	14.751								
11/11/2016 2:30:00 AM	102600.000	121.178	19.112	272.966	40795.070	45964.570	30.074	31255.908	24.513
1.021	14.752								
11/11/2016 2:45:00 AM	103500.000	121.191	19.111	272.994	40818.340	45991.816	30.094	31274.438	24.499
1.021	14.753								
11/11/2016 3:00:00 AM	104400.000	121.229	19.113	273.080	40805.363	45974.777	30.081	31262.852	24.507
1.021	14.752								
11/11/2016 3:15:00 AM	105300.000	121.283	19.114	273.202	40775.922	45941.180	30.057	31240.004	24.524
1.021	14.745								
11/11/2016 3:30:00 AM	106200.000	121.308	19.119	273.257	40831.070	45997.691	30.098	31278.432	24.491
1.021	14.754								
11/11/2016 3:45:00 AM	107100.000	121.341	19.123	273.332	40805.547	45964.973	30.075	31256.184	24.506
1.021	14.744								
11/11/2016 4:00:00 AM	108000.000	121.392	19.112	273.448	40786.461	45954.871	30.067	31249.313	24.518
1.021	14.743								
11/11/2016 4:15:00 AM	108900.000	121.449	19.113	273.575	40810.367	45980.676	30.086	31266.861	24.504
1.021	14.744								
11/11/2016 4:30:00 AM	109800.000	121.513	19.115	273.720	40832.063	46003.133	30.102	31282.133	24.491
1.021	14.743								
11/11/2016 4:45:00 AM	110700.000	121.581	19.119	273.873	40801.434	45964.488	30.074	31255.854	24.509
1.021	14.745								
11/11/2016 5:00:00 AM	111600.000	121.578	19.118	273.866	40853.531	46023.699	30.117	31296.115	24.478
1.021	14.751								
11/11/2016 5:15:00 AM	112500.000	121.639	19.120	274.004	40786.531	45946.832	30.061	31243.848	24.518
1.021	14.744								
11/11/2016 5:30:00 AM	113400.000	121.695	19.117	274.131	40821.547	45989.379	30.092	31272.779	24.497
1.021	14.746								
11/11/2016 5:45:00 AM	114300.000	121.730	19.128	274.209	40850.820	46011.137	30.108	31287.574	24.479
1.021	14.751								
11/11/2016 6:00:00 AM	115200.000	121.788	19.116	274.339	40813.039	45980.664	30.086	31266.854	24.502
1.021	14.741								
11/11/2016 6:15:00 AM	116100.000	121.814	19.114	274.399	40808.293	45977.559	30.083	31264.742	24.505
1.021	14.745								
11/11/2016 6:30:00 AM	117000.000	121.821	19.119	274.413	40795.590	45958.070	30.069	31251.490	24.512
1.021	14.750								
11/11/2016 6:45:00 AM	117900.000	121.849	19.115	274.477	40796.211	45962.227	30.072	31254.316	24.512
1.021	14.753								
11/11/2016 7:00:00 AM	118800.000	121.873	19.118	274.531	40784.254	45946.516	30.061	31243.633	24.519
1.021	14.755								
11/11/2016 7:15:00 AM	119700.000	121.902	19.113	274.596	40849.691	46024.547	30.118	31296.693	24.480
1.021	14.754								
11/11/2016 7:30:00 AM	120600.000	121.907	19.114	274.608	40829.398	46001.246	30.101	31280.850	24.492
1.021	14.756								
11/11/2016 7:45:00 AM	121500.000	121.890	19.122	274.569	40824.066	45986.617	30.090	31270.902	24.495
1.021	14.756								
11/11/2016 8:00:00 AM	122400.000	121.870	19.135	274.523	40844.363	45997.219	30.099	31278.111	24.483
1.021	14.753								
11/11/2016 8:15:00 AM	123300.000	121.841	19.124	274.459	40814.746	45974.137	30.081	31262.414	24.501
1.021	14.764								
11/11/2016 8:30:00 AM	124200.000	121.837	19.117	274.450	40853.379	46025.422	30.118	31297.289	24.478
1.021	14.760								
11/11/2016 8:45:00 AM	125100.000	121.823	19.120	274.418	40808.773	45971.625	30.079	31260.705	24.505
1.021	14.758								
11/11/2016 9:00:00 AM	126000.000	121.824	19.118	274.421	40816.914	45982.789	30.087	31268.299	24.500
1.021	14.759								
11/11/2016 9:15:00 AM	126900.000	121.767	19.119	274.293	40830.254	45996.957	30.098	31277.934	24.492
1.021	14.768								
11/11/2016 9:30:00 AM	127800.000	121.708	19.124	274.160	40822.680	45983.500	30.088	31268.783	24.496
1.021	14.765								
11/11/2016 9:45:00 AM	128700.000	121.670	19.126	274.074	40817.422	45975.766	30.083	31263.523	24.499
1.021	14.766								
11/11/2016 10:00:00 AM	129600.000	121.669	19.121	274.071	40839.051	46005.047	30.104	31283.434	24.486
1.021	14.766								
11/11/2016 10:15:00 AM	130500.000	121.608	19.118	273.934	40814.871	45980.832	30.086	31266.969	24.501
1.021	14.760								
11/11/2016 10:30:00 AM	131400.000	121.562	19.118	273.831	40789.836	45952.363	30.065	31247.607	24.516
1.021	14.759								
11/11/2016 10:45:00 AM	132300.000	121.512	19.118	273.717	40810.168	45975.793	30.082	31263.541	24.504
1.021	14.759								
11/11/2016 11:00:00 AM	133200.000	121.459	19.113	273.599	40804.910	45974.789	30.081	31262.859	24.507
1.021	14.763								
11/11/2016 11:15:00 AM	134100.000	121.420	19.118	273.511	40851.414	46021.316	30.115	31294.498	24.479
1.021	14.755								
11/11/2016 11:30:00 AM	135000.000	121.366	19.118	273.390	40834.785	46003.180	30.102	31282.164	

24.489	1.021	14.761						
11/11/2016 11:45:00 AM	135900.000	121.321	19.112	273.288	40785.438	45953.188	30.065	31248.168
24.519	1.021	14.755						
11/11/2016 12:00:00 PM	136800.000	121.270	19.116	273.173	40827.859	45997.098	30.098	31278.029
24.493	1.021	14.755						
11/11/2016 12:15:00 PM	137700.000	121.239	19.121	273.103	40823.945	45988.031	30.091	31271.861
24.495	1.021	14.755						
11/11/2016 12:30:00 PM	138600.000	121.199	19.134	273.014	40828.305	45980.004	30.086	31266.402
24.493	1.021	14.758						
11/11/2016 12:45:00 PM	139500.000	121.166	19.132	272.937	40839.926	45995.406	30.097	31276.879
24.486	1.021	14.754						
11/11/2016 1:00:00 PM	140400.000	121.143	19.135	272.886	40813.504	45962.633	30.073	31254.592
24.502	1.021	14.755						
11/11/2016 1:15:00 PM	141300.000	121.093	19.122	272.773	40826.027	45988.734	30.092	31272.340
24.494	1.021	14.757						
11/11/2016 1:30:00 PM	142200.000	121.090	19.132	272.767	40808.293	45959.441	30.071	31252.422
24.505	1.021	14.758						
11/11/2016 1:45:00 PM	143100.000	121.067	19.132	272.715	40817.109	45969.633	30.078	31259.354
24.500	1.021	14.760						
11/11/2016 2:00:00 PM	144000.000	121.061	19.120	272.702	40761.531	45918.320	30.040	31224.461
24.533	1.021	14.765						
11/11/2016 2:15:00 PM	144900.000	121.072	19.126	272.727	40839.270	46000.195	30.100	31280.135
24.486	1.021	14.744						
11/11/2016 2:30:00 PM	145800.000	121.078	19.120	272.739	40787.648	45948.176	30.062	31244.760
24.517	1.021	14.761						
11/11/2016 2:45:00 PM	146700.000	121.075	19.111	272.734	40809.879	45982.199	30.087	31267.898
24.504	1.021	14.761						
11/11/2016 3:00:00 PM	147600.000	121.101	19.115	272.791	40750.059	45910.918	30.035	31219.426
24.540	1.021	14.770						
11/11/2016 3:15:00 PM	148500.000	121.120	19.121	272.834	40836.852	46002.652	30.102	31281.807
24.488	1.021	14.760						
11/11/2016 3:30:00 PM	149400.000	121.114	19.117	272.822	40792.770	45956.621	30.068	31250.504
24.514	1.021	14.766						
11/11/2016 3:45:00 PM	150300.000	121.155	19.131	272.912	40841.250	45997.766	30.099	31278.482
24.485	1.021	14.771						
11/11/2016 4:00:00 PM	151200.000	121.219	19.132	273.058	40796.395	45945.859	30.061	31243.188
24.512	1.021	14.762						
11/11/2016 4:15:00 PM	152100.000	121.243	19.117	273.112	40850.629	46021.805	30.116	31294.830
24.479	1.021	14.765						
11/11/2016 4:30:00 PM	153000.000	121.263	19.118	273.157	40785.961	45948.520	30.062	31244.996
24.518	1.021	14.765						
11/11/2016 4:45:00 PM	153900.000	121.298	19.123	273.236	40833.383	45996.418	30.097	31277.564
24.490	1.021	14.771						
11/11/2016 5:00:00 PM	154800.000	121.357	19.117	273.368	40809.906	45976.004	30.082	31263.686
24.504	1.021	14.769						
11/11/2016 5:15:00 PM	155700.000	121.394	19.111	273.451	40786.258	45955.246	30.067	31249.568
24.518	1.021	14.770						
11/11/2016 5:30:00 PM	156600.000	121.466	19.115	273.614	40797.016	45963.820	30.073	31255.400
24.512	1.021	14.773						
11/11/2016 5:45:00 PM	157500.000	121.496	19.122	273.681	40827.172	45990.539	30.093	31273.566
24.493	1.021	14.775						
11/11/2016 6:00:00 PM	158400.000	121.502	19.117	273.695	40813.211	45980.082	30.085	31266.459
24.502	1.021	14.780						
11/11/2016 6:15:00 PM	159300.000	121.524	19.118	273.746	40796.172	45959.164	30.070	31252.234
24.512	1.021	14.778						
11/11/2016 6:30:00 PM	160200.000	121.582	19.111	273.875	40804.695	45975.754	30.082	31263.516
24.507	1.021	14.778						
11/11/2016 6:45:00 PM	161100.000	121.609	19.116	273.937	40776.723	45939.230	30.055	31238.680
24.524	1.021	14.779						
11/11/2016 7:00:00 PM	162000.000	121.600	19.125	273.915	40817.016	45975.648	30.082	31263.443
24.500	1.021	14.775						
11/11/2016 7:15:00 PM	162900.000	121.653	19.124	274.035	40813.750	45973.016	30.080	31261.652
24.502	1.021	14.770						
11/11/2016 7:30:00 PM	163800.000	121.673	19.122	274.080	40825.523	45988.168	30.091	31271.957
24.494	1.021	14.773						
11/11/2016 7:45:00 PM	164700.000	121.655	19.130	274.040	40797.395	45949.145	30.063	31245.418
24.511	1.021	14.759						
11/11/2016 8:00:00 PM	165600.000	121.671	19.121	274.077	40845.742	46012.848	30.109	31288.738
24.482	1.021	14.761						
11/11/2016 8:15:00 PM	166500.000	121.662	19.136	274.055	40803.746	45950.355	30.064	31246.244
24.508	1.021	14.759						
11/11/2016 8:30:00 PM	167400.000	121.670	19.136	274.073	40838.523	45989.336	30.093	31272.748
24.487	1.021	14.754						
11/11/2016 8:45:00 PM	168300.000	121.657	19.131	274.045	40802.852	45954.695	30.067	31249.195
24.508	1.021	14.761						
11/11/2016 9:00:00 PM	169200.000	121.662	19.125	274.056	40868.070	46033.238	30.124	31302.604
24.469	1.021	14.764						
11/11/2016 9:15:00 PM	170100.000	121.621	19.127	273.962	40804.969	45960.699	30.072	31253.277
24.507	1.021	14.759						
11/11/2016 9:30:00 PM	171000.000	121.602	19.129	273.920	40854.824	46014.695	30.111	31289.994
24.477	1.021	14.760						
11/11/2016 9:45:00 PM	171900.000	121.588	19.128	273.889	40801.512	45955.773	30.068	31249.928
24.509	1.021	14.762						
11/11/2016 10:00:00 PM	172800.000	121.519	19.127	273.733	40843.102	46003.301	30.103	31282.246
24.484	1.021	14.777						
11/11/2016 10:15:00 PM	173700.000	121.480	19.120	273.646	40817.953	45982.230	30.087	31267.920
24.499	1.021	14.777						
11/11/2016 10:30:00 PM	174600.000	121.505	19.123	273.701	40819.211	45980.969	30.086	31267.059
24.498	1.021	14.766						
11/11/2016 10:45:00 PM	175500.000	121.452	19.113	273.583	40829.891	46002.148	30.101	31281.461
24.492	1.021	14.773						
11/11/2016 11:00:00 PM	176400.000	121.380	19.107	273.421	40782.145	45955.004	30.067	31249.402
24.521	1.021	14.776						
11/11/2016 11:15:00 PM	177300.000	121.362	19.116	273.380	40820.398	45988.535	30.091	31272.207
24.498	1.021	14.781						
11/11/2016 11:30:00 PM	178200.000	121.348	19.119	273.349	40817.188	45982.574	30.087	31268.152
24.499	1.021	14.782						
11/11/2016 11:45:00 PM	179100.000	121.295	19.123	273.230	40851.352	46017.000	30.112	31291.561
24.479	1.021	14.781						
11/12/2016 12:00:00 AM	180000.000	121.230	19.127	273.081	40815.910	45972.504	30.080	31261.305
24.500	1.021	14.774						
11/12/2016 12:15:00 AM	180900.000	121.197	19.116	273.008	40807.426	45974.340	30.081	31262.553
24.505	1.021	14.773						
11/12/2016 12:30:00 AM	181800.000	121.186	19.129	272.984	40811.109	45965.461	30.075	31256.516
24.503	1.021	14.778						
11/12/2016 12:45:00 AM	182700.000	121.153	19.127	272.908	40796.664	45950.734	30.064	31246.502
24.512	1.021	14.783						
11/12/2016 1:00:00 AM	183600.000	121.131	19.116	272.859	40821.375	45990.059	30.093	31273.240
24.497	1.021	14.776						
11/12/2016 1:15:00 AM	184500.000	121.122	19.109	272.839	40813.563	45987.641	30.090	31271.598
24.502	1.021	14.777						
11/12/2016 1:30:00 AM	185400.000	121.135	19.115	272.869	40802.715	45969.551	30.078	31259.297
24.508	1.021	14.777						
11/12/2016 1:45:00 AM	186300.000	121.126	19.113	272.848	40803.461	45973.074	30.080	31261.691
24.508	1.021	14.780						
11/12/2016 2:00:00 AM	187200.000	121.083	19.116	272.752	40842.145	46013.637	30.110	31289.273
24.485	1.021	14.785						
11/12/2016 2:15:00 AM	188100.000	121.186	19.127	272.983	40785.617	45938.738	30.056	31238.344
24.518	1.021	14.778						
11/12/2016 2:30:00 AM	189000.000	121.137	19.118	272.873	40828.840	45996.047	30.097	31277.313
24.492	1.021	14.780						
11/12/2016 2:45:00 AM	189900.000	121.169	19.120	272.944	40817.863	45981.863	30.087	31267.670
24.499	1.021	14.781						
11/12/2016 3:00:00 AM	190800.000	121.179	19.127	272.967	40822.695	45980.500	30.086	31266.740
24.496	1.021	14.783						
11/12/2016 3:15:00 AM	191700.000	121.215	19.117	273.048	40791.949	45955.863	30.068	31249.990
24.515	1.021	14.780						
11/12/2016 3:30:00 AM	192600.000	121.216	19.119	273.051	40836.988	46004.457	30.103	31283.033
24.488	1.021	14.786						
11/12/2016 3:45:00 AM	193500.000	121.259	19.128	273.148	40798.965	45952.730	30.066	31247.857
24.510	1.021	14.778						
11/12/2016 4:00:00 AM	194400.000	121.346	19.121	273.344	40854.871	46022.867	30.117	31295.553
24.477	1.021	14.783						

11/12/2016 4:15:00 AM	195300.000	121.316	19.113	273.276	40796.988	45964.996	30.074	31256.199	24.512
11/12/2016 4:30:00 AM	196200.000	121.366	19.123	273.389	40826.238	45988.801	30.092	31272.387	24.494
11/12/2016 4:45:00 AM	197100.000	121.419	19.122	273.509	40799.746	45959.387	30.070	31252.385	24.510
11/12/2016 5:00:00 AM	198000.000	121.553	19.121	273.810	40822.840	45986.785	30.090	31271.016	24.496
11/12/2016 5:15:00 AM	198900.000	121.560	19.114	273.826	40804.605	45972.801	30.080	31261.506	24.507
11/12/2016 5:30:00 AM	199800.000	121.599	19.122	273.914	40834.730	45998.969	30.099	31279.301	24.489
11/12/2016 5:45:00 AM	200700.000	121.653	19.121	274.036	40810.020	45972.004	30.080	31260.963	24.504
11/12/2016 6:00:00 AM	201600.000	121.738	19.120	274.226	40849.500	46017.164	30.112	31291.674	24.480
11/12/2016 6:15:00 AM	202500.000	121.787	19.118	274.337	40797.066	45960.254	30.071	31252.973	24.512
11/12/2016 6:30:00 AM	203400.000	121.801	19.121	274.368	40807.656	45969.680	30.078	31259.385	24.505
11/12/2016 6:45:00 AM	204300.000	121.823	19.123	274.417	40811.273	45971.941	30.080	31260.922	24.503
11/12/2016 7:00:00 AM	205200.000	121.894	19.122	274.578	40849.117	46015.523	30.111	31290.559	24.480
11/12/2016 7:15:00 AM	206100.000	121.885	19.122	274.557	40840.137	46005.406	30.104	31283.678	24.486
11/12/2016 7:30:00 AM	207000.000	121.972	19.121	274.754	40814.371	45976.641	30.083	31264.117	24.501
11/12/2016 7:45:00 AM	207900.000	121.996	19.122	274.808	40830.398	45994.008	30.096	31275.926	24.492
11/12/2016 8:00:00 AM	208800.000	121.935	19.124	274.671	40830.699	45992.535	30.095	31274.926	24.491
11/12/2016 8:15:00 AM	209700.000	121.990	19.120	274.793	40824.973	45990.477	30.093	31273.525	24.495
11/12/2016 8:30:00 AM	210600.000	122.005	19.124	274.828	40817.863	45978.500	30.084	31265.383	24.499
11/12/2016 8:45:00 AM	211500.000	121.940	19.124	274.681	40803.859	45961.953	30.072	31254.131	24.507
11/12/2016 9:00:00 AM	212400.000	121.905	19.129	274.603	40795.430	45948.055	30.062	31244.678	24.513
11/12/2016 9:15:00 AM	213300.000	121.899	19.127	274.589	40796.117	45950.121	30.064	31246.084	24.512
11/12/2016 9:30:00 AM	214200.000	121.818	19.134	274.406	40808.199	45957.602	30.070	31251.172	24.505
11/12/2016 9:45:00 AM	215100.000	121.838	19.129	274.452	40822.375	45978.066	30.084	31265.088	24.496
11/12/2016 10:00:00 AM	216000.000	121.729	19.120	274.206	40820.285	45985.121	30.089	31269.885	24.498
11/12/2016 10:15:00 AM	216900.000	121.744	19.116	274.241	40809.484	45976.578	30.083	31264.076	24.504
11/12/2016 10:30:00 AM	217800.000	121.672	19.116	274.077	40808.949	45975.973	30.082	31263.664	24.504
11/12/2016 10:45:00 AM	218700.000	121.621	19.123	273.963	40823.031	45985.098	30.089	31269.869	24.496
11/12/2016 11:00:00 AM	219600.000	121.557	19.130	273.819	40808.207	45960.816	30.072	31253.357	24.505
11/12/2016 11:15:00 AM	220500.000	121.550	19.138	273.804	40802.219	45946.820	30.062	31243.840	24.508
11/12/2016 11:30:00 AM	221400.000	121.414	19.131	273.497	40815.418	45968.152	30.077	31258.344	24.501
11/12/2016 11:45:00 AM	222300.000	121.402	19.135	273.469	40809.156	45957.473	30.070	31251.084	24.504
11/12/2016 12:00:00 PM	223200.000	121.333	19.137	273.314	40862.891	46015.488	30.112	31290.535	24.472
11/12/2016 12:15:00 PM	224100.000	121.293	19.117	273.225	40816.977	45983.711	30.088	31268.924	24.500
11/12/2016 12:30:00 PM	225000.000	121.222	19.111	273.064	40767.480	45934.090	30.051	31235.184	24.529
11/12/2016 12:45:00 PM	225900.000	121.152	19.110	272.906	40844.402	46021.879	30.115	31294.881	24.483
11/12/2016 1:00:00 PM	226800.000	121.130	19.108	272.856	40776.813	45947.961	30.061	31244.615	24.524
11/12/2016 1:15:00 PM	227700.000	121.085	19.113	272.757	40826.086	45998.301	30.098	31278.848	24.494
11/12/2016 1:30:00 PM	228600.000	121.046	19.115	272.668	40760.254	45921.980	30.043	31226.949	24.534
11/12/2016 1:45:00 PM	229500.000	121.023	19.119	272.617	40837.648	46005.715	30.104	31283.889	24.487
11/12/2016 2:00:00 PM	230400.000	120.986	19.123	272.532	40770.441	45925.949	30.046	31229.648	24.528
11/12/2016 2:15:00 PM	231300.000	120.981	19.113	272.522	40809.668	45980.148	30.085	31266.504	24.504
11/12/2016 2:30:00 PM	232200.000	120.963	19.109	272.481	40785.148	45956.324	30.068	31250.301	24.519
11/12/2016 2:45:00 PM	233100.000	120.945	19.110	272.439	40807.277	45979.953	30.085	31266.371	24.505
11/12/2016 3:00:00 PM	234000.000	120.913	19.108	272.369	40794.996	45968.359	30.076	31258.486	24.513
11/12/2016 3:15:00 PM	234900.000	120.921	19.115	272.386	40833.102	46003.871	30.103	31282.635	24.490
11/12/2016 3:30:00 PM	235800.000	120.965	19.116	272.485	40806.566	45972.770	30.080	31261.486	24.506
11/12/2016 3:45:00 PM	236700.000	120.951	19.110	272.455	40831.488	46007.063	30.105	31284.803	24.491
11/12/2016 4:00:00 PM	237600.000	120.974	19.115	272.507	40741.918	45901.488	30.028	31213.012	24.545
11/12/2016 4:15:00 PM	238500.000	121.007	19.118	272.581	40832.785	46001.270	30.101	31280.865	24.490
11/12/2016 4:30:00 PM	239400.000	121.036	19.110	272.645	40734.367	45897.629	30.025	31210.391	24.549
11/12/2016 4:45:00 PM	240300.000	121.071	19.118	272.725	40851.012	46021.281	30.115	31294.473	24.479
11/12/2016 5:00:00 PM	241200.000	121.089	19.112	272.765	40760.512	45925.633	30.045	31229.432	24.534
11/12/2016 5:15:00 PM	242100.000	121.123	19.116	272.842	40855.082	46028.121	30.120	31299.123	24.477
11/12/2016 5:30:00 PM	243000.000	121.178	19.121	272.966	40780.270	45938.488	30.055	31238.172	24.522
11/12/2016 5:45:00 PM	243900.000	121.213	19.121	273.045	40832.832	45998.125	30.099	31278.727	24.490
11/12/2016 6:00:00 PM	244800.000	121.266	19.119	273.164	40815.855	45981.074	30.086	31267.131	24.500
11/12/2016 6:15:00 PM	245700.000	121.316	19.117	273.276	40833.324	46002.477	30.102	31281.686	24.490
11/12/2016 6:30:00 PM	246600.000	121.339	19.124	273.328	40786.598	45942.941	30.059	31241.203	24.518
11/12/2016 6:45:00 PM	247500.000	121.428	19.119	273.527	40822.141	45988.246	30.091	31272.010	24.497
11/12/2016 7:00:00 PM	248400.000	121.431	19.121	273.534	40793.777	45954.219	30.067	31248.871	24.514
11/12/2016 7:15:00 PM	249300.000	121.523	19.122	273.743	40816.676	45978.293	30.084	31265.242	24.500
11/12/2016 7:30:00 PM	250200.000	121.552	19.123	273.808	40779.406	45935.262	30.053	31235.979	24.522
11/12/2016 7:45:00 PM	251100.000	121.547	19.122	273.797	40830.488	45993.852	30.096	31275.822	24.492
11/12/2016 8:00:00 PM	252000.000	121.588	19.117	273.889	40777.281	45939.246	30.056	31238.689	24.523
11/12/2016 8:15:00 PM	252900.000	121.604	19.118	273.924	40827.207	45994.641	30.096	31276.357	24.493
11/12/2016 8:30:00 PM	253800.000	121.617	19.116	273.954	40770.711	45932.977	30.051	31234.424	24.527
11/12/2016 8:45:00 PM	254700.000	121.637	19.124	273.999	40827.520	45989.375	30.092	31272.777	

24.493	1.021	14.782						
11/12/2016 9:00:00 PM	255600.000	121.651	19.132	274.030	40808.320	45959.734	30.071	31252.621
24.505	1.021	14.783						
11/12/2016 9:15:00 PM	256500.000	121.649	19.127	274.027	40832.152	45991.574	30.094	31274.273
24.491	1.021	14.783						
11/12/2016 9:30:00 PM	257400.000	121.640	19.120	274.005	40836.602	46003.500	30.102	31282.383
24.488	1.021	14.784						
11/12/2016 9:45:00 PM	258300.000	121.639	19.120	274.004	40802.922	45965.031	30.074	31256.223
24.508	1.021	14.790						
11/12/2016 10:00:00 PM	259200.000	121.618	19.124	273.955	40816.797	45976.875	30.083	31264.277
24.500	1.021	14.788						
11/12/2016 10:15:00 PM	260100.000	121.591	19.117	273.897	40851.594	46022.891	30.117	31295.568
24.479	1.021	14.797						
11/12/2016 10:30:00 PM	261000.000	121.564	19.119	273.836	40776.531	45936.254	30.053	31236.654
24.524	1.021	14.797						
11/12/2016 10:45:00 PM	261900.000	121.551	19.118	273.805	40821.223	45987.566	30.091	31271.547
24.497	1.021	14.798						
11/12/2016 11:00:00 PM	262800.000	121.521	19.123	273.738	40778.160	45934.727	30.052	31235.617
24.523	1.021	14.801						
11/12/2016 11:15:00 PM	263700.000	121.475	19.120	273.635	40834.176	46000.848	30.101	31280.576
24.489	1.021	14.793						
11/12/2016 11:30:00 PM	264600.000	121.447	19.116	273.571	40803.504	45970.102	30.078	31259.672
24.508	1.021	14.795						
11/12/2016 11:45:00 PM	265500.000	121.437	19.117	273.549	40865.410	46038.531	30.128	31306.201
24.471	1.021	14.801						
11/13/2016 12:00:00 AM	266400.000	121.352	19.126	273.357	40802.949	45959.715	30.071	31252.607
24.508	1.021	14.792						
11/13/2016 12:15:00 AM	267300.000	121.373	19.123	273.405	40835.969	45999.422	30.100	31279.609
24.488	1.021	14.794						
11/13/2016 12:30:00 AM	268200.000	121.301	19.132	273.242	40832.480	45986.766	30.091	31271.002
24.490	1.021	14.793						
11/13/2016 12:45:00 AM	269100.000	121.262	19.139	273.155	40842.039	45990.270	30.094	31273.385
24.485	1.021	14.795						
11/13/2016 1:00:00 AM	270000.000	121.211	19.124	273.039	40785.355	45941.371	30.057	31240.135
24.519	1.021	14.792						
11/13/2016 1:15:00 AM	270900.000	121.227	19.123	273.077	40846.961	46011.715	30.109	31287.967
24.482	1.021	14.792						
11/13/2016 1:30:00 AM	271800.000	121.161	19.123	272.928	40821.539	45982.984	30.088	31268.432
24.497	1.021	14.795						
11/13/2016 1:45:00 AM	272700.000	121.132	19.132	272.862	40836.535	45991.168	30.094	31273.996
24.488	1.021	14.799						
11/13/2016 2:00:00 AM	273600.000	121.119	19.143	272.831	40802.773	45942.188	30.059	31240.688
24.508	1.021	14.799						
11/13/2016 2:15:00 AM	274500.000	121.108	19.137	272.808	40835.129	45985.090	30.090	31269.863
24.489	1.021	14.794						
11/13/2016 2:30:00 AM	275400.000	121.125	19.115	272.847	40804.137	45971.758	30.079	31260.795
24.507	1.021	14.796						
11/13/2016 2:45:00 AM	276300.000	121.103	19.113	272.797	40814.512	45984.738	30.089	31269.625
24.501	1.021	14.801						
11/13/2016 3:00:00 AM	277200.000	121.106	19.118	272.803	40797.758	45961.371	30.072	31253.734
24.511	1.021	14.796						
11/13/2016 3:15:00 AM	278100.000	121.140	19.116	272.879	40844.016	46015.902	30.111	31290.814
24.483	1.021	14.796						
11/13/2016 3:30:00 AM	279000.000	121.153	19.119	272.909	40734.910	45889.621	30.019	31204.945
24.549	1.021	14.790						
11/13/2016 3:45:00 AM	279900.000	121.163	19.115	272.931	40833.723	46004.754	30.103	31283.234
24.490	1.021	14.795						
11/13/2016 4:00:00 AM	280800.000	121.209	19.115	273.036	40789.250	45954.301	30.066	31248.928
24.516	1.021	14.788						
11/13/2016 4:15:00 AM	281700.000	121.245	19.120	273.117	40804.668	45966.832	30.076	31257.445
24.507	1.021	14.791						
11/13/2016 4:30:00 AM	282600.000	121.282	19.118	273.199	40798.191	45961.859	30.072	31254.066
24.511	1.021	14.793						
11/13/2016 4:45:00 AM	283500.000	121.322	19.120	273.291	40795.840	45956.797	30.068	31250.623
24.512	1.021	14.796						
11/13/2016 5:00:00 AM	284400.000	121.410	19.135	273.488	40815.023	45964.180	30.075	31255.645
24.501	1.021	14.797						
11/13/2016 5:15:00 AM	285300.000	121.416	19.125	273.502	40814.023	45973.230	30.081	31261.799
24.501	1.021	14.798						
11/13/2016 5:30:00 AM	286200.000	121.507	19.124	273.706	40821.699	45982.563	30.087	31268.145
24.497	1.021	14.792						
11/13/2016 5:45:00 AM	287100.000	121.549	19.126	273.800	40845.406	46006.844	30.105	31284.656
24.483	1.021	14.796						
11/13/2016 6:00:00 AM	288000.000	121.587	19.123	273.886	40789.309	45946.680	30.061	31243.744
24.516	1.021	14.801						
11/13/2016 6:15:00 AM	288900.000	121.659	19.125	274.049	40848.301	46011.492	30.109	31287.814
24.481	1.021	14.800						
11/13/2016 6:30:00 AM	289800.000	121.701	19.128	274.144	40790.742	45943.820	30.059	31241.801
24.515	1.021	14.803						
11/13/2016 6:45:00 AM	290700.000	121.752	19.127	274.259	40833.871	45993.594	30.096	31275.646
24.489	1.021	14.805						
11/13/2016 7:00:00 AM	291600.000	121.801	19.123	274.369	40803.523	45962.609	30.073	31254.576
24.508	1.021	14.810						
11/13/2016 7:15:00 AM	292500.000	121.843	19.120	274.463	40836.730	46003.645	30.103	31282.480
24.488	1.021	14.807						
11/13/2016 7:30:00 AM	293400.000	121.890	19.124	274.569	40783.848	45940.016	30.056	31239.213
24.520	1.021	14.818						
11/13/2016 7:45:00 AM	294300.000	121.910	19.121	274.614	40809.184	45971.484	30.079	31260.611
24.504	1.021	14.813						
11/13/2016 8:00:00 AM	295200.000	121.943	19.120	274.688	40765.621	45922.930	30.044	31227.592
24.530	1.021	14.811						
11/13/2016 8:15:00 AM	296100.000	121.979	19.128	274.769	40815.891	45971.621	30.080	31260.703
24.500	1.021	14.820						
11/13/2016 8:30:00 AM	297000.000	121.999	19.133	274.815	40791.105	45938.613	30.056	31238.258
24.515	1.021	14.811						
11/13/2016 8:45:00 AM	297900.000	121.956	19.130	274.717	40855.680	46014.285	30.111	31289.717
24.476	1.021	14.818						
11/13/2016 9:00:00 AM	298800.000	121.978	19.126	274.768	40805.789	45962.664	30.073	31254.611
24.506	1.021	14.816						
11/13/2016 9:15:00 AM	299700.000	121.959	19.125	274.726	40875.863	46042.801	30.131	31309.107
24.464	1.021	14.813						
11/13/2016 9:30:00 AM	300600.000	121.990	19.119	274.795	40798.219	45960.867	30.071	31253.391
24.511	1.021	14.813						
11/13/2016 9:45:00 AM	301500.000	121.905	19.127	274.604	40837.836	45998.059	30.099	31278.682
24.487	1.021	14.815						
11/13/2016 10:00:00 AM	302400.000	121.884	19.124	274.556	40787.082	45943.660	30.059	31241.691
24.518	1.021	14.824						
11/13/2016 10:15:00 AM	303300.000	121.848	19.126	274.474	40807.301	45964.527	30.074	31255.881
24.505	1.021	14.810						
11/13/2016 10:30:00 AM	304200.000	121.805	19.131	274.379	40819.547	45973.152	30.081	31261.746
24.498	1.021	14.816						
11/13/2016 10:45:00 AM	305100.000	121.807	19.122	274.383	40797.805	45957.551	30.069	31251.137
24.511	1.021	14.817						
11/13/2016 11:00:00 AM	306000.000	121.711	19.116	274.166	40810.574	45978.145	30.084	31265.141
24.503	1.021	14.812						
11/13/2016 11:15:00 AM	306900.000	121.651	19.117	274.031	40787.352	45950.336	30.064	31246.229
24.517	1.021	14.816						
11/13/2016 11:30:00 AM	307800.000	121.599	19.113	273.914	40834.785	46007.582	30.105	31285.158
24.489	1.021	14.811						
11/13/2016 11:45:00 AM	308700.000	121.534	19.113	273.768	40785.191	45951.879	30.065	31247.277
24.519	1.021	14.810						
11/13/2016 12:00:00 PM	309600.000	121.468	19.124	273.618	40828.824	45990.508	30.093	31273.547
24.493	1.021	14.804						
11/13/2016 12:15:00 PM	310500.000	121.408	19.136	273.484	40809.820	45957.535	30.070	31251.127
24.504	1.021	14.799						
11/13/2016 12:30:00 PM	311400.000	121.325	19.135	273.297	40833.582	45984.559	30.089	31269.500
24.490	1.021	14.803						
11/13/2016 12:45:00 PM	312300.000	121.272	19.132	273.176	40823.688	45977.043	30.084	31264.391
24.496	1.021	14.805						
11/13/2016 1:00:00 PM	313200.000	121.195	19.112	273.003	40827.414	46000.227	30.100	31280.154
24.493	1.021	14.802						
11/13/2016 1:15:00 PM	314100.000	121.164	19.116	272.933	40784.527	45948.121	30.062	31244.725
24.519	1.021	14.805						

11/13/2016 1:30:00 PM	315000.000	121.110	19.126	272.812	40826.992	45986.547	30.090	31270.854	24.494
1.021	14.803								
11/13/2016 1:45:00 PM	315900.000	121.035	19.120	272.644	40798.090	45960.027	30.071	31252.818	24.511
1.021	14.796								
11/13/2016 2:00:00 PM	316800.000	120.998	19.108	272.559	40799.344	45972.828	30.080	31261.523	24.510
1.021	14.801								
11/13/2016 2:15:00 PM	317700.000	120.939	19.104	272.427	40780.367	45955.332	30.067	31249.629	24.522
1.021	14.797								
11/13/2016 2:30:00 PM	318600.000	120.902	19.108	272.343	40813.852	45989.695	30.092	31272.992	24.501
1.021	14.800								
11/13/2016 2:45:00 PM	319500.000	120.883	19.113	272.300	40780.172	45946.051	30.060	31243.316	24.522
1.021	14.795								
11/13/2016 3:00:00 PM	320400.000	120.828	19.129	272.177	40800.070	45952.941	30.066	31248.002	24.510
1.021	14.802								
11/13/2016 3:15:00 PM	321300.000	120.792	19.115	272.095	40801.898	45968.715	30.077	31258.729	24.509
1.021	14.801								
11/13/2016 3:30:00 PM	322200.000	120.795	19.124	272.102	40826.660	45987.555	30.091	31271.537	24.494
1.021	14.802								
11/13/2016 3:45:00 PM	323100.000	120.794	19.109	272.100	40785.438	45955.867	30.067	31249.992	24.519
1.021	14.805								
11/13/2016 4:00:00 PM	324000.000	120.784	19.128	272.079	40813.672	45969.297	30.078	31259.125	24.502
1.021	14.801								
11/13/2016 4:15:00 PM	324900.000	120.791	19.119	272.094	40818.980	45984.594	30.089	31269.525	24.498
1.021	14.803								
11/13/2016 4:30:00 PM	325800.000	120.823	19.114	272.165	40819.602	45989.695	30.092	31272.992	24.498
1.021	14.801								
11/13/2016 4:45:00 PM	326700.000	120.831	19.112	272.184	40788.711	45957.324	30.068	31250.982	24.517
1.021	14.807								
11/13/2016 5:00:00 PM	327600.000	120.869	19.115	272.270	40786.438	45951.992	30.065	31247.355	24.518
1.021	14.801								
11/13/2016 5:15:00 PM	328500.000	120.901	19.112	272.340	40804.770	45975.324	30.082	31263.223	24.507
1.021	14.803								
11/13/2016 5:30:00 PM	329400.000	120.927	19.116	272.401	40789.852	45954.371	30.066	31248.975	24.516
1.021	14.802								
11/13/2016 5:45:00 PM	330300.000	120.984	19.118	272.528	40828.691	45996.660	30.097	31277.730	24.493
1.021	14.808								
11/13/2016 6:00:00 PM	331200.000	121.013	19.128	272.594	40807.164	45961.789	30.072	31254.020	24.506
1.021	14.800								
11/13/2016 6:15:00 PM	332100.000	121.111	19.127	272.814	40807.418	45963.547	30.074	31255.215	24.505
1.021	14.806								
11/13/2016 6:30:00 PM	333000.000	121.131	19.118	272.859	40823.715	45990.109	30.093	31273.277	24.496
1.021	14.805								
11/13/2016 6:45:00 PM	333900.000	121.181	19.124	272.973	40811.012	45970.441	30.079	31259.900	24.503
1.021	14.809								
11/13/2016 7:00:00 PM	334800.000	121.248	19.130	273.122	40832.793	45988.508	30.092	31272.186	24.490
1.021	14.809								
11/13/2016 7:15:00 PM	335700.000	121.273	19.119	273.179	40821.375	45987.383	30.091	31271.422	24.497
1.021	14.818								
11/13/2016 7:30:00 PM	336600.000	121.343	19.115	273.337	40807.430	45975.555	30.082	31263.379	24.505
1.021	14.815								
11/13/2016 7:45:00 PM	337500.000	121.375	19.114	273.408	40833.098	46004.652	30.103	31283.164	24.490
1.021	14.814								
11/13/2016 8:00:00 PM	338400.000	121.434	19.125	273.542	40799.105	45956.004	30.068	31250.084	24.510
1.021	14.812								
11/13/2016 8:15:00 PM	339300.000	121.486	19.121	273.659	40833.246	45997.996	30.099	31278.639	24.490
1.021	14.813								
11/13/2016 8:30:00 PM	340200.000	121.515	19.121	273.724	40805.484	45967.316	30.076	31257.775	24.507
1.021	14.811								
11/13/2016 8:45:00 PM	341100.000	121.557	19.131	273.820	40823.078	45976.961	30.084	31264.336	24.496
1.021	14.810								
11/13/2016 9:00:00 PM	342000.000	121.602	19.120	273.919	40818.734	45982.930	30.088	31268.395	24.499
1.021	14.813								
11/13/2016 9:15:00 PM	342900.000	121.628	19.122	273.978	40823.398	45985.773	30.090	31270.328	24.496
1.021	14.817								
11/13/2016 9:30:00 PM	343800.000	121.617	19.120	273.955	40798.512	45960.246	30.071	31252.969	24.511
1.021	14.818								
11/13/2016 9:45:00 PM	344700.000	121.656	19.119	274.042	40789.918	45951.945	30.065	31247.324	24.516
1.021	14.813								
11/13/2016 10:00:00 PM	345600.000	121.646	19.125	274.020	40856.543	46020.344	30.115	31293.834	24.476
1.021	14.817								
11/13/2016 10:15:00 PM	346500.000	121.646	19.121	274.019	40796.012	45955.957	30.068	31250.051	24.512
1.021	14.822								
11/13/2016 10:30:00 PM	347400.000	121.637	19.118	273.999	40821.109	45987.516	30.091	31271.514	24.497
1.021	14.819								
11/13/2016 10:45:00 PM	348300.000	121.630	19.118	273.984	40791.578	45954.594	30.067	31249.127	24.515
1.021	14.818								
11/13/2016 11:00:00 PM	349200.000	121.616	19.122	273.951	40799.582	45959.375	30.070	31252.377	24.510
1.021	14.819								
11/13/2016 11:15:00 PM	350100.000	121.583	19.132	273.878	40812.758	45964.121	30.074	31255.605	24.502
1.021	14.818								
11/13/2016 11:30:00 PM	351000.000	121.572	19.132	273.853	40803.309	45953.648	30.067	31248.482	24.508
1.021	14.823								
11/13/2016 11:45:00 PM	351900.000	121.536	19.138	273.772	40861.820	46013.859	30.111	31289.426	24.473
1.021	14.815								
11/14/2016 12:00:00 AM	352800.000	121.501	19.121	273.694	40794.246	45954.152	30.067	31248.824	24.513
1.021	14.821								
11/14/2016 12:15:00 AM	353700.000	121.475	19.120	273.634	40831.703	45997.984	30.098	31278.631	24.491
1.021	14.814								
11/14/2016 12:30:00 AM	354600.000	121.429	19.114	273.530	40776.730	45942.000	30.057	31240.563	24.524
1.021	14.817								
11/14/2016 12:45:00 AM	355500.000	121.364	19.106	273.384	40821.188	45999.438	30.099	31279.619	24.497
1.021	14.815								
11/14/2016 1:00:00 AM	356400.000	121.366	19.106	273.389	40812.078	45989.078	30.091	31272.576	24.503
1.021	14.816								
11/14/2016 1:15:00 AM	357300.000	121.334	19.108	273.316	40795.391	45968.461	30.076	31258.557	24.513
1.021	14.815								
11/14/2016 1:30:00 AM	358200.000	121.305	19.106	273.250	40802.332	45977.934	30.083	31264.998	24.508
1.021	14.813								
11/14/2016 1:45:00 AM	359100.000	121.263	19.104	273.157	40809.977	45988.871	30.091	31272.434	24.504
1.021	14.814								
11/14/2016 2:00:00 AM	360000.000	121.248	19.107	273.122	40802.680	45977.539	30.083	31264.729	24.508
1.021	14.818								
11/14/2016 2:15:00 AM	360900.000	121.212	19.117	273.041	40828.523	45996.719	30.097	31277.771	24.493
1.021	14.816								
11/14/2016 2:30:00 AM	361800.000	121.194	19.112	273.000	40786.418	45954.039	30.066	31248.746	24.518
1.021	14.808								
11/14/2016 2:45:00 AM	362700.000	121.194	19.113	273.000	40825.074	45996.813	30.097	31277.834	24.495
1.021	14.815								
11/14/2016 3:00:00 AM	363600.000	121.189	19.119	272.989	40786.430	45947.844	30.062	31244.535	24.518
1.021	14.813								
11/14/2016 3:15:00 AM	364500.000	121.169	19.123	272.944	40834.625	45997.465	30.098	31278.279	24.489
1.021	14.809								
11/14/2016 3:30:00 AM	365400.000	121.185	19.134	272.981	40822.203	45973.215	30.081	31261.789	24.496
1.021	14.809								
11/14/2016 3:45:00 AM	366300.000	121.177	19.120	272.964	40824.531	45989.461	30.092	31272.834	24.495
1.021	14.811								
11/14/2016 4:00:00 AM	367200.000	121.182	19.125	272.974	40787.363	45942.852	30.059	31241.141	24.517
1.021	14.813								
11/14/2016 4:15:00 AM	368100.000	121.215	19.133	273.048	40840.676	45994.531	30.097	31276.283	24.485
1.021	14.809								
11/14/2016 4:30:00 AM	369000.000	121.237	19.116	273.097	40808.516	45975.145	30.082	31263.100	24.505
1.021	14.813								
11/14/2016 4:45:00 AM	369900.000	121.271	19.120	273.174	40824.816	45990.137	30.093	31273.295	24.495
1.021	14.810								
11/14/2016 5:00:00 AM	370800.000	121.320	19.113	273.285	40816.410	45986.879	30.090	31271.080	24.500
1.021	14.811								
11/14/2016 5:15:00 AM	371700.000	121.359	19.118	273.372	40830.723	45998.773	30.099	31279.168	24.491
1.021	14.810								
11/14/2016 5:30:00 AM	372600.000	121.417	19.120	273.503	40789.090	45949.367	30.063	31245.570	24.516
1.021	14.808								
11/14/2016 5:45:00 AM	373500.000	121.450	19.124	273.577	40832.215	45994.152	30.096	31276.025	24.490
1.021	14.812								
11/14/2016 6:00:00 AM	374400.000	121.503	19.122	273.697	40835.957	46000.699	30.101	31280.477	

24.488	1.021	14.808						
11/14/2016 6:15:00 AM	375300.000	121.559	19.119	273.823	40844.637	46012.809	30.109	31288.711
24.483	1.021	14.811						
11/14/2016 6:30:00 AM	376200.000	121.628	19.119	273.979	40767.117	45925.746	30.046	31229.510
24.530	1.021	14.808						
11/14/2016 6:45:00 AM	377100.000	121.681	19.126	274.097	40847.688	46009.504	30.107	31286.465
24.481	1.021	14.808						
11/14/2016 7:00:00 AM	378000.000	121.737	19.121	274.226	40820.152	45983.418	30.088	31268.727
24.498	1.021	14.815						
11/14/2016 7:15:00 AM	378900.000	121.766	19.121	274.291	40827.332	45991.332	30.094	31274.107
24.493	1.021	14.821						
11/14/2016 7:30:00 AM	379800.000	121.849	19.127	274.477	40798.957	45953.582	30.066	31248.438
24.510	1.021	14.814						
11/14/2016 7:45:00 AM	380700.000	121.883	19.125	274.552	40858.668	46022.914	30.117	31295.584
24.475	1.021	14.822						
11/14/2016 8:00:00 AM	381600.000	121.927	19.121	274.652	40805.105	45966.715	30.076	31257.367
24.507	1.021	14.825						
11/14/2016 8:15:00 AM	382500.000	121.965	19.118	274.738	40865.168	46036.891	30.127	31305.088
24.471	1.021	14.818						
11/14/2016 8:30:00 AM	383400.000	122.016	19.127	274.852	40801.801	45957.133	30.069	31250.854
24.509	1.021	14.825						
11/14/2016 8:45:00 AM	384300.000	122.038	19.134	274.902	40850.348	46004.648	30.104	31283.162
24.480	1.021	14.819						
11/14/2016 9:00:00 AM	385200.000	122.047	19.131	274.922	40831.754	45987.246	30.091	31271.330
24.491	1.021	14.828						
11/14/2016 9:15:00 AM	386100.000	122.059	19.124	274.950	40831.551	45993.918	30.096	31275.867
24.491	1.021	14.824						
11/14/2016 9:30:00 AM	387000.000	122.064	19.126	274.960	40813.738	45971.352	30.079	31260.521
24.502	1.021	14.824						
11/14/2016 9:45:00 AM	387900.000	122.047	19.126	274.922	40833.363	45993.113	30.095	31275.318
24.490	1.021	14.827						
11/14/2016 10:00:00 AM	388800.000	122.041	19.123	274.910	40805.809	45965.359	30.075	31256.447
24.506	1.021	14.814						
11/14/2016 10:15:00 AM	389700.000	122.056	19.130	274.944	40850.156	46008.750	30.107	31285.953
24.480	1.021	14.815						
11/14/2016 10:30:00 AM	390600.000	122.013	19.146	274.847	40809.484	45947.152	30.063	31244.066
24.504	1.021	14.818						
11/14/2016 10:45:00 AM	391500.000	121.963	19.128	274.734	40858.027	46019.516	30.115	31293.271
24.475	1.021	14.820						
11/14/2016 11:00:00 AM	392400.000	121.938	19.134	274.678	40812.832	45962.660	30.073	31254.609
24.502	1.021	14.812						
11/14/2016 11:15:00 AM	393300.000	121.876	19.132	274.537	40845.086	46001.219	30.101	31280.830
24.483	1.021	14.813						
11/14/2016 11:30:00 AM	3942200.000	121.812	19.141	274.394	40817.789	45961.336	30.073	31253.709
24.499	1.021	14.809						
11/14/2016 11:45:00 AM	395100.000	121.776	19.145	274.313	40850.805	45994.797	30.097	31276.465
24.479	1.021	14.805						
11/14/2016 12:00:00 PM	396000.000	121.700	19.138	274.140	40789.148	45931.934	30.051	31233.717
24.516	1.021	14.804						
11/14/2016 12:15:00 PM	396900.000	121.643	19.141	274.014	40862.094	46010.707	30.109	31287.283
24.473	1.021	14.803						
11/14/2016 12:30:00 PM	397800.000	121.583	19.141	273.877	40811.785	45954.574	30.068	31249.113
24.503	1.021	14.798						
11/14/2016 12:45:00 PM	398700.000	121.505	19.139	273.701	40824.656	45970.539	30.079	31259.969
24.495	1.021	14.798						
11/14/2016 1:00:00 PM	399600.000	121.426	19.138	273.524	40786.477	45928.926	30.049	31231.672
24.518	1.021	14.796						
11/14/2016 1:15:00 PM	400500.000	121.362	19.130	273.379	40853.633	46012.484	30.110	31288.492
24.478	1.021	14.799						
11/14/2016 1:30:00 PM	401400.000	121.288	19.123	273.214	40756.949	45910.832	30.035	31219.365
24.536	1.021	14.797						
11/14/2016 1:45:00 PM	402300.000	121.221	19.123	273.063	40863.750	46030.535	30.122	31300.766
24.472	1.021	14.796						
11/14/2016 2:00:00 PM	403200.000	121.178	19.121	272.964	40760.438	45916.234	30.039	31223.039
24.534	1.021	14.788						
11/14/2016 2:15:00 PM	404100.000	121.138	19.117	272.875	40863.055	46036.063	30.126	31304.525
24.472	1.021	14.793						
11/14/2016 2:30:00 PM	405000.000	121.027	19.120	272.625	40763.398	45920.691	30.042	31226.072
24.532	1.021	14.790						
11/14/2016 2:45:00 PM	405900.000	120.966	19.111	272.488	40850.781	46027.602	30.120	31298.771
24.479	1.021	14.795						
11/14/2016 3:00:00 PM	406800.000	120.940	19.108	272.430	40785.320	45957.207	30.068	31250.902
24.519	1.021	14.794						
11/14/2016 3:15:00 PM	407700.000	120.881	19.120	272.297	40879.035	46050.520	30.137	31314.355
24.462	1.021	14.796						
11/14/2016 3:30:00 PM	408600.000	120.856	19.110	272.240	40784.629	45954.527	30.066	31249.078
24.519	1.021	14.795						
11/14/2016 3:45:00 PM	409500.000	120.807	19.110	272.129	40864.273	46043.754	30.131	31309.756
24.471	1.021	14.797						
11/14/2016 4:00:00 PM	410400.000	120.789	19.113	272.088	40753.961	45916.945	30.039	31223.523
24.537	1.021	14.794						
11/14/2016 4:15:00 PM	411300.000	120.759	19.128	272.022	40845.004	46004.238	30.103	31282.885
24.483	1.021	14.799						
11/14/2016 4:30:00 PM	412200.000	120.757	19.129	272.016	40787.863	45939.359	30.056	31238.768
24.517	1.021	14.801						
11/14/2016 4:45:00 PM	413100.000	120.777	19.127	272.061	40885.125	46050.551	30.137	31314.377
24.459	1.021	14.800						
11/14/2016 5:00:00 PM	414000.000	120.767	19.112	272.040	40755.414	45919.449	30.041	31225.227
24.537	1.021	14.796						
11/14/2016 5:15:00 PM	414900.000	120.777	19.111	272.063	40840.012	46015.547	30.111	31290.572
24.486	1.021	14.799						
11/14/2016 5:30:00 PM	415800.000	120.814	19.108	272.146	40751.715	45919.074	30.040	31224.973
24.539	1.021	14.796						
11/14/2016 5:45:00 PM	416700.000	120.836	19.118	272.196	40856.805	46027.469	30.120	31298.682
24.476	1.021	14.795						
11/14/2016 6:00:00 PM	417600.000	120.866	19.113	272.262	40771.723	45937.133	30.054	31237.252
24.527	1.021	14.800						
11/14/2016 6:15:00 PM	418500.000	120.892	19.112	272.321	40863.633	46041.980	30.130	31308.549
24.472	1.021	14.806						
11/14/2016 6:30:00 PM	419400.000	120.937	19.111	272.423	40754.602	45919.734	30.041	31225.422
24.537	1.021	14.802						
11/14/2016 6:45:00 PM	420300.000	120.985	19.113	272.531	40842.000	46016.230	30.111	31291.039
24.485	1.021	14.805						
11/14/2016 7:00:00 PM	421200.000	121.051	19.114	272.679	40777.801	45942.355	30.058	31240.805
24.523	1.021	14.797						
11/14/2016 7:15:00 PM	422100.000	121.102	19.120	272.793	40825.465	45990.867	30.093	31273.791
24.495	1.021	14.798						
11/14/2016 7:30:00 PM	423000.000	121.160	19.119	272.926	40796.531	45959.039	30.070	31252.148
24.512	1.021	14.803						
11/14/2016 7:45:00 PM	423900.000	121.217	19.120	273.054	40847.430	46015.352	30.111	31290.441
24.481	1.021	14.802						
11/14/2016 8:00:00 PM	424800.000	121.269	19.114	273.170	40786.555	45952.215	30.065	31247.508
24.518	1.021	14.800						
11/14/2016 8:15:00 PM	425700.000	121.322	19.118	273.289	40834.563	46003.191	30.102	31282.172
24.489	1.021	14.797						
11/14/2016 8:30:00 PM	426600.000	121.377	19.116	273.413	40791.844	45956.266	30.068	31250.264
24.515	1.021	14.797						
11/14/2016 8:45:00 PM	427500.000	121.438	19.117	273.551	40848.242	46019.547	30.114	31293.295
24.481	1.021	14.802						
11/14/2016 9:00:00 PM	428400.000	121.486	19.120	273.659	40790.781	45951.883	30.065	31247.281
24.515	1.021	14.798						
11/14/2016 9:15:00 PM	429300.000	121.510	19.120	273.712	40856.215	46025.250	30.118	31297.170
24.476	1.021	14.806						
11/14/2016 9:30:00 PM	430200.000	121.555	19.118	273.814	40786.086	45948.660	30.062	31245.090
24.518	1.021	14.800						
11/14/2016 9:45:00 PM	431100.000	121.603	19.124	273.922	40861.605	46026.918	30.120	31298.305
24.473	1.021	14.798						
11/14/2016 10:00:00 PM	432000.000	121.626	19.117	273.975	40804.582	45969.750	30.078	31259.432
24.507	1.021	14.803						
11/14/2016 10:15:00 PM	432900.000	121.645	19.129	274.017	40864.605	46025.445	30.119	31297.305
24.471	1.021	14.801						
11/14/2016 10:30:00 PM	433800.000	121.657	19.118	274.045	40777.164	45938.008	30.055	31237.846
24.524	1.021	14.799						

11/14/2016 10:45:00 PM	434700.000	121.651	19.128	274.031	40869.258	46031.992	30.124	31301.758	
24.468	1.021	14.800							
11/14/2016 11:00:00 PM	435600.000	121.701	19.124	274.143	40818.582	45978.887	30.085	31265.645	
24.499	1.021	14.795							
11/14/2016 11:15:00 PM	436500.000	121.664	19.121	274.059	40830.461	45995.543	30.097	31276.971	
24.492	1.021	14.802							
11/14/2016 11:30:00 PM	437400.000	121.669	19.129	274.071	40806.980	45961.066	30.072	31253.527	
24.506	1.021	14.805							
11/14/2016 11:45:00 PM	438300.000	121.661	19.138	274.053	40821.777	45968.676	30.078	31258.701	
24.497	1.021	14.799							
11/15/2016 12:00:00 AM	439200.000	121.650	19.120	274.028	40853.746	46022.551	30.116	31295.336	
24.478	1.021	14.801							
11/15/2016 12:15:00 AM	440100.000	121.606	19.123	273.928	40812.070	45972.840	30.080	31261.531	
24.503	1.021	14.800							
11/15/2016 12:30:00 AM	441000.000	121.587	19.122	273.888	40809.180	45970.188	30.078	31259.729	
24.504	1.021	14.801							
11/15/2016 12:45:00 AM	441900.000	121.569	19.125	273.846	40842.637	46005.035	30.104	31283.424	
24.484	1.021	14.799							
11/15/2016 1:00:00 AM	442800.000	121.542	19.133	273.785	40811.758	45962.055	30.073	31254.197	
24.503	1.021	14.797							
11/15/2016 1:15:00 AM	443700.000	121.493	19.138	273.674	40851.527	46002.523	30.103	31281.719	
24.479	1.021	14.802							
11/15/2016 1:30:00 AM	444600.000	121.448	19.140	273.573	40808.762	45952.035	30.066	31247.387	
24.505	1.021	14.806							
11/15/2016 1:45:00 AM	445500.000	121.426	19.134	273.525	40863.773	46019.945	30.115	31293.564	
24.472	1.021	14.802							
11/15/2016 2:00:00 AM	446400.000	121.392	19.135	273.448	40820.363	45969.672	30.079	31259.379	
24.498	1.021	14.804							
11/15/2016 2:15:00 AM	447300.000	121.370	19.138	273.398	40885.535	46040.207	30.130	31307.342	
24.459	1.021	14.796							
11/15/2016 2:30:00 AM	448200.000	121.348	19.137	273.347	40806.973	45953.039	30.066	31248.068	
24.506	1.021	14.801							
11/15/2016 2:45:00 AM	449100.000	121.310	19.129	273.262	40845.621	46004.504	30.104	31283.064	
24.482	1.021	14.807							
11/15/2016 3:00:00 AM	450000.000	121.286	19.117	273.208	40783.109	45945.656	30.060	31243.047	
24.520	1.021	14.804							
11/15/2016 3:15:00 AM	450900.000	121.268	19.124	273.169	40847.773	46011.680	30.109	31287.945	
24.481	1.021	14.802							
11/15/2016 3:30:00 AM	451800.000	121.259	19.126	273.147	40774.926	45927.898	30.048	31230.973	
24.525	1.021	14.807							
11/15/2016 3:45:00 AM	452700.000	121.262	19.136	273.154	40869.988	46024.426	30.119	31296.611	
24.468	1.021	14.795							
11/15/2016 4:00:00 AM	453600.000	121.258	19.137	273.145	40812.992	45959.387	30.071	31252.385	
24.502	1.021	14.797							
11/15/2016 4:15:00 AM	454500.000	121.250	19.112	273.128	40857.859	46034.621	30.125	31303.545	
24.475	1.021	14.799							
11/15/2016 4:30:00 AM	455400.000	121.251	19.112	273.131	40769.539	45935.965	30.053	31236.457	
24.528	1.021	14.798							
11/15/2016 4:45:00 AM	456300.000	121.267	19.108	273.165	40808.344	45983.059	30.087	31268.482	
24.505	1.021	14.799							
11/15/2016 5:00:00 AM	457200.000	121.296	19.115	273.230	40785.418	45950.242	30.063	31246.166	
24.519	1.021	14.801							
11/15/2016 5:15:00 AM	458100.000	121.319	19.120	273.283	40878.707	46050.754	30.137	31314.516	
24.463	1.021	14.795							
11/15/2016 5:30:00 AM	459000.000	121.297	19.117	273.234	40757.012	45916.594	30.039	31223.283	
24.536	1.021	14.799							
11/15/2016 5:45:00 AM	459900.000	121.375	19.121	273.408	40849.004	46016.086	30.112	31290.941	
24.480	1.021	14.801							
11/15/2016 6:00:00 AM	460800.000	121.416	19.126	273.502	40819.496	45977.836	30.084	31264.932	
24.498	1.021	14.795							
11/15/2016 6:15:00 AM	461700.000	121.451	19.120	273.579	40832.895	45998.879	30.099	31279.240	
24.490	1.021	14.800							
11/15/2016 6:30:00 AM	462600.000	121.497	19.114	273.683	40763.418	45927.000	30.046	31230.359	
24.532	1.021	14.800							
11/15/2016 6:45:00 AM	463500.000	121.555	19.120	273.813	40863.805	46034.223	30.125	31303.271	
24.472	1.021	14.800							
11/15/2016 7:00:00 AM	464400.000	121.608	19.123	273.933	40800.020	45959.086	30.070	31252.182	
24.510	1.021	14.798							
11/15/2016 7:15:00 AM	465300.000	121.648	19.119	274.024	40887.637	46061.855	30.145	31322.063	
24.457	1.021	14.795							
11/15/2016 7:30:00 AM	466200.000	121.725	19.114	274.197	40778.723	45943.551	30.059	31241.617	
24.523	1.021	14.798							
11/15/2016 7:45:00 AM	467100.000	121.778	19.112	274.317	40814.742	45986.473	30.090	31270.801	
24.501	1.021	14.793							
11/15/2016 8:00:00 AM	468000.000	121.838	19.122	274.453	40766.770	45922.242	30.043	31227.127	
24.530	1.021	14.792							
11/15/2016 8:15:00 AM	468900.000	121.879	19.119	274.545	40874.230	46046.570	30.134	31311.670	
24.465	1.021	14.796							
11/15/2016 8:30:00 AM	469800.000	121.924	19.120	274.646	40793.582	45955.117	30.067	31249.480	
24.514	1.021	14.789							
11/15/2016 8:45:00 AM	470700.000	121.968	19.122	274.745	40857.664	46024.980	30.118	31296.988	
24.475	1.021	14.801							
11/15/2016 9:00:00 AM	471600.000	121.986	19.128	274.786	40792.695	45946.023	30.061	31243.297	
24.514	1.021	14.797							
11/15/2016 9:15:00 AM	472500.000	122.019	19.122	274.859	40850.734	46016.918	30.112	31291.506	
24.479	1.021	14.800							
11/15/2016 9:30:00 AM	473400.000	122.064	19.127	274.961	40791.730	45945.695	30.061	31243.074	
24.515	1.021	14.798							
11/15/2016 9:45:00 AM	474300.000	122.056	19.132	274.943	40828.871	45982.793	30.088	31268.301	
24.492	1.021	14.799							
11/15/2016 10:00:00 AM	475200.000	122.065	19.137	274.963	40830.625	45979.938	30.086	31266.359	
24.491	1.021	14.802							
11/15/2016 10:15:00 AM	476100.000	122.083	19.134	275.004	40797.609	45945.676	30.061	31243.063	
24.511	1.021	14.801							
11/15/2016 10:30:00 AM	477000.000	122.085	19.129	275.009	40790.520	45942.188	30.058	31240.688	
24.516	1.021	14.797							
11/15/2016 10:45:00 AM	477900.000	122.065	19.137	274.964	40844.043	45994.691	30.097	31276.393	
24.483	1.021	14.802							
11/15/2016 11:00:00 AM	478800.000	122.051	19.137	274.932	40825.086	45973.699	30.082	31262.117	
24.495	1.021	14.796							
11/15/2016 11:15:00 AM	479700.000	122.028	19.126	274.880	40850.391	46013.063	30.110	31288.885	
24.480	1.021	14.793							
11/15/2016 11:30:00 AM	480600.000	121.980	19.127	274.771	40831.695	45990.547	30.093	31273.572	
24.491	1.021	14.790							
11/15/2016 11:45:00 AM	481500.000	121.940	19.133	274.682	40883.098	46042.215	30.131	31308.709	
24.460	1.021	14.787							
11/15/2016 12:00:00 PM	482400.000	121.893	19.124	274.575	40795.117	45952.453	30.065	31247.670	
24.513	1.021	14.787							
11/15/2016 12:15:00 PM	483300.000	121.823	19.120	274.418	40846.023	46013.852	30.110	31289.422	
24.482	1.021	14.782							
11/15/2016 12:30:00 PM	484200.000	121.776	19.123	274.312	40798.168	45956.398	30.068	31250.354	
24.511	1.021	14.778							
11/15/2016 12:45:00 PM	485100.000	121.715	19.124	274.176	40849.816	46014.492	30.111	31289.857	
24.480	1.021	14.775							
11/15/2016 1:00:00 PM	486000.000	121.636	19.129	273.997	40786.043	45936.797	30.054	31237.021	
24.518	1.021	14.773							
11/15/2016 1:15:00 PM	486900.000	121.597	19.125	273.908	40857.605	46021.719	30.116	31294.771	
24.475	1.021	14.768							
11/15/2016 1:30:00 PM	487800.000	121.498	19.117	273.686	40773.938	45935.141	30.053	31235.896	
24.525	1.021	14.766							
11/15/2016 1:45:00 PM	488700.000	121.428	19.114	273.530	40859.453	46034.945	30.125	31303.764	
24.474	1.021	14.768							
11/15/2016 2:00:00 PM	489600.000	121.352	19.125	273.357	40814.750	45973.625	30.081	31262.066	
24.501	1.021	14.771							
11/15/2016 2:15:00 PM	490500.000	121.287	19.120	273.211	40888.621	46061.840	30.145	31322.053	
24.457	1.021	14.762							
11/15/2016 2:30:00 PM	491400.000	121.206	19.118	273.029	40783.117	45945.234	30.060	31242.762	
24.520	1.021	14.764							
11/15/2016 2:45:00 PM	492300.000	121.146	19.121	272.894	40870.523	46040.078	30.129	31307.254	
24.468	1.021	14.764							
11/15/2016 3:00:00 PM	493200.000	121.085	19.121	272.755	40795.570	45955.973	30.068	31250.064	
24.512	1.021	14.766							
11/15/2016 3:15:00 PM	494100.000	121.020	19.116	272.608	40843.504	46014.723	30.111	31290.012	

24.484	1.021	14.759						
11/15/2016 3:30:00 PM	495000.000	120.946	19.117	272.444	40775.172	45936.531	30.054	31236.844
24.525	1.021	14.762						
11/15/2016 3:45:00 PM	495900.000	120.908	19.114	272.356	40833.828	46006.328	30.104	31284.303
24.490	1.021	14.763						
11/15/2016 4:00:00 PM	496800.000	120.862	19.109	272.253	40763.285	45930.906	30.049	31233.018
24.532	1.021	14.765						
11/15/2016 4:15:00 PM	497700.000	120.818	19.110	272.155	40806.289	45978.668	30.084	31265.496
24.506	1.021	14.767						
11/15/2016 4:30:00 PM	498600.000	120.775	19.118	272.058	40770.672	45930.949	30.050	31233.045
24.527	1.021	14.767						
11/15/2016 4:45:00 PM	499500.000	120.764	19.113	272.033	40863.121	46040.113	30.129	31307.279
24.472	1.021	14.765						
11/15/2016 5:00:00 PM	500400.000	120.741	19.118	271.981	40779.031	45940.629	30.057	31239.629
24.522	1.021	14.760						
11/15/2016 5:15:00 PM	501300.000	120.713	19.124	271.919	40821.797	45982.590	30.087	31268.164
24.497	1.021	14.769						
11/15/2016 5:30:00 PM	502200.000	120.708	19.120	271.906	40789.859	45950.754	30.064	31246.516
24.516	1.021	14.768						
11/15/2016 5:45:00 PM	503100.000	120.717	19.113	271.926	40846.066	46020.988	30.115	31294.273
24.482	1.021	14.766						
11/15/2016 6:00:00 PM	504000.000	120.734	19.110	271.965	40795.852	45966.816	30.075	31257.438
24.512	1.021	14.764						
11/15/2016 6:15:00 PM	504900.000	120.733	19.115	271.962	40806.484	45973.883	30.081	31262.242
24.506	1.021	14.769						
11/15/2016 6:30:00 PM	505800.000	120.777	19.117	272.063	40778.160	45940.500	30.056	31239.543
24.523	1.021	14.764						
11/15/2016 6:45:00 PM	506700.000	120.793	19.109	272.097	40810.199	45984.207	30.088	31269.262
24.504	1.021	14.772						
11/15/2016 7:00:00 PM	507600.000	120.838	19.107	272.199	40775.996	45947.645	30.061	31244.400
24.524	1.021	14.767						
11/15/2016 7:15:00 PM	508500.000	120.877	19.111	272.287	40798.316	45968.488	30.077	31258.574
24.511	1.021	14.771						
11/15/2016 7:30:00 PM	509400.000	120.917	19.114	272.377	40811.230	45980.613	30.086	31266.816
24.503	1.021	14.771						
11/15/2016 7:45:00 PM	510300.000	120.973	19.118	272.504	40804.730	45968.723	30.077	31258.734
24.507	1.021	14.768						
11/15/2016 8:00:00 PM	511200.000	121.030	19.118	272.632	40812.441	45978.270	30.084	31265.225
24.502	1.021	14.766						
11/15/2016 8:15:00 PM	512100.000	121.076	19.115	272.735	40789.547	45955.148	30.067	31249.504
24.516	1.021	14.775						
11/15/2016 8:30:00 PM	513000.000	121.139	19.117	272.877	40810.426	45976.852	30.083	31264.262
24.504	1.021	14.774						
11/15/2016 8:45:00 PM	513900.000	121.191	19.121	272.995	40794.098	45953.895	30.066	31248.650
24.513	1.021	14.779						
11/15/2016 9:00:00 PM	514800.000	121.238	19.120	273.099	40797.238	45958.547	30.070	31251.814
24.511	1.021	14.770						
11/15/2016 9:15:00 PM	515700.000	121.295	19.120	273.228	40821.563	45986.031	30.090	31270.504
24.497	1.021	14.782						
11/15/2016 9:30:00 PM	516600.000	121.359	19.120	273.373	40811.359	45974.887	30.082	31262.926
24.503	1.021	14.775						
11/15/2016 9:45:00 PM	517500.000	121.391	19.119	273.445	40844.742	46013.352	30.110	31289.082
24.483	1.021	14.781						
11/15/2016 10:00:00 PM	518400.000	121.437	19.122	273.549	40784.000	45942.172	30.058	31240.680
24.519	1.021	14.780						
11/15/2016 10:15:00 PM	519300.000	121.478	19.118	273.642	40825.758	45992.918	30.095	31275.186
24.494	1.021	14.783						
11/15/2016 10:30:00 PM	520200.000	121.520	19.129	273.735	40811.078	45965.340	30.075	31256.434
24.503	1.021	14.782						
11/15/2016 10:45:00 PM	521100.000	121.541	19.126	273.783	40841.203	46002.375	30.102	31281.617
24.485	1.021	14.786						
11/15/2016 11:00:00 PM	522000.000	121.591	19.122	273.895	40777.367	45934.434	30.052	31235.418
24.523	1.021	14.780						
11/15/2016 11:15:00 PM	522900.000	121.609	19.126	273.935	40806.824	45963.219	30.073	31254.990
24.506	1.021	14.788						
11/15/2016 11:30:00 PM	523800.000	121.636	19.125	273.998	40810.188	45967.957	30.077	31258.213
24.504	1.021	14.778						
11/15/2016 11:45:00 PM	524700.000	121.601	19.123	273.918	40840.355	46003.918	30.103	31282.666
24.486	1.021	14.783						
11/16/2016 12:00:00 AM	525600.000	121.630	19.125	273.983	40786.379	45941.578	30.058	31240.275
24.518	1.021	14.777						
11/16/2016 12:15:00 AM	526500.000	121.623	19.129	273.968	40839.156	45997.566	30.099	31278.348
24.486	1.021	14.780						
11/16/2016 12:30:00 AM	527400.000	121.644	19.130	274.016	40771.430	45919.645	30.042	31225.361
24.527	1.021	14.778						
11/16/2016 12:45:00 AM	528300.000	121.626	19.127	273.974	40807.809	45963.289	30.074	31255.039
24.505	1.021	14.780						
11/16/2016 1:00:00 AM	529200.000	121.627	19.135	273.976	40825.980	45976.340	30.083	31263.914
24.494	1.021	14.780						
11/16/2016 1:15:00 AM	530100.000	121.586	19.134	273.884	40843.703	45997.246	30.099	31278.127
24.484	1.021	14.779						
11/16/2016 1:30:00 AM	531000.000	121.569	19.128	273.845	40821.176	45978.184	30.084	31265.168
24.497	1.021	14.775						
11/16/2016 1:45:00 AM	531900.000	121.565	19.126	273.836	40830.891	45990.848	30.094	31273.779
24.491	1.021	14.772						
11/16/2016 2:00:00 AM	532800.000	121.503	19.124	273.697	40827.016	45988.203	30.092	31271.980
24.494	1.021	14.779						
11/16/2016 2:15:00 AM	533700.000	121.464	19.130	273.610	40824.754	45980.305	30.086	31266.609
24.495	1.021	14.779						
11/16/2016 2:30:00 AM	534600.000	121.469	19.123	273.620	40809.441	45969.273	30.078	31259.107
24.504	1.021	14.777						
11/16/2016 2:45:00 AM	535500.000	121.448	19.122	273.574	40823.152	45985.672	30.090	31270.260
24.496	1.021	14.774						
11/16/2016 3:00:00 AM	536400.000	121.405	19.124	273.476	40772.203	45927.066	30.047	31230.408
24.527	1.021	14.771						
11/16/2016 3:15:00 AM	537300.000	121.368	19.127	273.394	40824.246	45982.586	30.088	31268.160
24.495	1.021	14.775						
11/16/2016 3:30:00 AM	538200.000	121.321	19.115	273.288	40817.059	45986.063	30.090	31270.525
24.500	1.021	14.777						
11/16/2016 3:45:00 AM	539100.000	121.336	19.128	273.322	40826.984	45984.805	30.089	31269.668
24.494	1.021	14.772						
11/16/2016 4:00:00 AM	540000.000	121.300	19.134	273.240	40852.609	46007.195	30.106	31284.895
24.478	1.021	14.774						
11/16/2016 4:15:00 AM	540900.000	121.319	19.132	273.282	40816.930	45968.730	30.078	31258.738
24.500	1.021	14.769						
11/16/2016 4:30:00 AM	541800.000	121.302	19.119	273.244	40791.090	45953.266	30.066	31248.223
24.515	1.021	14.776						
11/16/2016 4:45:00 AM	542700.000	121.273	19.124	273.180	40812.059	45971.188	30.079	31260.410
24.503	1.021	14.777						
11/16/2016 5:00:00 AM	543600.000	121.273	19.131	273.180	40814.199	45966.961	30.076	31257.533
24.501	1.021	14.774						
11/16/2016 5:15:00 AM	544500.000	121.297	19.120	273.234	40777.906	45936.598	30.054	31236.889
24.523	1.021	14.768						
11/16/2016 5:30:00 AM	545400.000	121.269	19.118	273.171	40840.949	46009.527	30.107	31286.480
24.485	1.021	14.774						
11/16/2016 5:45:00 AM	546300.000	121.314	19.117	273.271	40772.176	45933.586	30.051	31234.838
24.527	1.021	14.770						
11/16/2016 6:00:00 AM	547200.000	121.326	19.131	273.300	40803.656	45955.254	30.068	31249.574
24.508	1.021	14.765						
11/16/2016 6:15:00 AM	548100.000	121.344	19.135	273.339	40796.855	45943.105	30.059	31241.314
24.512	1.021	14.767						
11/16/2016 6:30:00 AM	549000.000	121.346	19.126	273.344	40854.617	46017.664	30.113	31292.014
24.477	1.021	14.779						
11/16/2016 6:45:00 AM	549900.000	121.396	19.137	273.456	40824.832	45972.719	30.081	31261.449
24.495	1.021	14.778						
11/16/2016 7:00:00 AM	550800.000	121.444	19.123	273.564	40884.633	46054.148	30.140	31316.822
24.459	1.021	14.771						
11/16/2016 7:15:00 AM	551700.000	121.501	19.121	273.694	40790.504	45950.102	30.064	31246.070
24.516	1.021	14.778						
11/16/2016 7:30:00 AM	552600.000	121.527	19.122	273.752	40816.551	45978.410	30.084	31265.320
24.500	1.021	14.784						
11/16/2016 7:45:00 AM	553500.000	121.610	19.120	273.938	40775.129	45934.328	30.052	31235.346
24.525	1.021	14.782						

11/16/2016 8:00:00 AM	554400.000	121.638	19.122	274.002	40846.688	46012.180	30.109	31288.285	24.482
1.021	14.786								
11/16/2016 8:15:00 AM	555300.000	121.678	19.125	274.093	40784.895	45939.906	30.056	31239.137	24.519
1.021	14.790								
11/16/2016 8:30:00 AM	556200.000	121.716	19.123	274.177	40823.629	45985.859	30.090	31270.387	24.496
1.021	14.788								
11/16/2016 8:45:00 AM	557100.000	121.756	19.126	274.267	40755.410	45905.918	30.032	31216.025	24.537
1.021	14.787								
11/16/2016 9:00:00 AM	558000.000	121.819	19.134	274.409	40897.313	46057.199	30.142	31318.896	24.451
1.021	14.786								
11/16/2016 9:15:00 AM	558900.000	121.885	19.127	274.557	40806.336	45962.578	30.073	31254.555	24.506
1.021	14.781								
11/16/2016 9:30:00 AM	559800.000	121.885	19.122	274.558	40836.410	46000.605	30.100	31280.412	24.488
1.021	14.790								
11/16/2016 9:45:00 AM	560700.000	121.948	19.121	274.699	40796.332	45956.586	30.068	31250.480	24.512
1.021	14.786								
11/16/2016 10:00:00 AM	561600.000	121.963	19.129	274.734	40833.723	45990.578	30.094	31273.596	24.490
1.021	14.789								
11/16/2016 10:15:00 AM	562500.000	121.990	19.131	274.794	40814.285	45966.875	30.076	31257.477	24.501
1.021	14.784								
11/16/2016 10:30:00 AM	563400.000	121.984	19.128	274.782	40873.535	46036.813	30.127	31305.035	24.466
1.021	14.785								
11/16/2016 10:45:00 AM	564300.000	122.012	19.130	274.844	40812.637	45966.492	30.076	31257.215	24.502
1.021	14.783								
11/16/2016 11:00:00 AM	565200.000	122.038	19.120	274.902	40837.176	46003.363	30.102	31282.289	24.487
1.021	14.780								
11/16/2016 11:15:00 AM	566100.000	122.056	19.129	274.943	40773.070	45922.695	30.044	31227.434	24.526
1.021	14.788								
11/16/2016 11:30:00 AM	567000.000	122.025	19.125	274.874	40849.941	46013.340	30.110	31289.074	24.480
1.021	14.781								
11/16/2016 11:45:00 AM	567900.000	121.957	19.131	274.720	40807.027	45959.309	30.071	31252.330	24.506
1.021	14.777								
11/16/2016 12:00:00 PM	568800.000	121.968	19.137	274.745	40842.566	45993.469	30.096	31275.561	24.484
1.021	14.775								
11/16/2016 12:15:00 PM	569700.000	121.913	19.138	274.620	40801.895	45946.113	30.062	31243.359	24.509
1.021	14.766								
11/16/2016 12:30:00 PM	570600.000	121.898	19.139	274.587	40845.891	45994.961	30.097	31276.574	24.482
1.021	14.773								
11/16/2016 12:45:00 PM	571500.000	121.836	19.130	274.447	40836.324	45992.988	30.095	31275.234	24.488
1.021	14.769								
11/16/2016 1:00:00 PM	572400.000	121.769	19.139	274.296	40863.594	46014.723	30.112	31290.012	24.472
1.021	14.764								
11/16/2016 1:15:00 PM	573300.000	121.726	19.135	274.199	40806.195	45953.719	30.067	31248.531	24.506
1.021	14.766								
11/16/2016 1:30:00 PM	574200.000	121.677	19.141	274.090	40857.727	46006.039	30.105	31284.109	24.475
1.021	14.755								
11/16/2016 1:45:00 PM	575100.000	121.614	19.125	273.947	40805.406	45962.836	30.073	31254.730	24.507
1.021	14.756								
11/16/2016 2:00:00 PM	576000.000	121.522	19.123	273.740	40844.191	46008.934	30.107	31286.076	24.483
1.021	14.755								
11/16/2016 2:15:00 PM	576900.000	121.468	19.124	273.619	40781.348	45936.680	30.054	31236.943	24.521
1.021	14.758								
11/16/2016 2:30:00 PM	577800.000	121.399	19.118	273.463	40850.227	46020.480	30.115	31293.930	24.480
1.021	14.754								
11/16/2016 2:45:00 PM	578700.000	121.331	19.119	273.311	40810.844	45975.090	30.082	31263.063	24.503
1.021	14.752								
11/16/2016 3:00:00 PM	579600.000	121.262	19.122	273.154	40798.004	45957.168	30.069	31250.877	24.511
1.021	14.754								
11/16/2016 3:15:00 PM	580500.000	121.201	19.114	273.016	40764.363	45927.461	30.047	31230.674	24.531
1.021	14.756								
11/16/2016 3:30:00 PM	581400.000	121.146	19.113	272.894	40840.539	46014.063	30.110	31289.564	24.485
1.021	14.755								
11/16/2016 3:45:00 PM	582300.000	121.055	19.115	272.688	40786.902	45951.656	30.064	31247.127	24.518
1.021	14.755								
11/16/2016 4:00:00 PM	583200.000	121.010	19.119	272.588	40827.980	45994.211	30.096	31276.066	24.493
1.021	14.755								
11/16/2016 4:15:00 PM	584100.000	120.942	19.131	272.434	40827.281	45982.207	30.087	31267.902	24.493
1.021	14.756								
11/16/2016 4:30:00 PM	585000.000	120.899	19.134	272.336	40837.984	45990.988	30.094	31273.875	24.487
1.021	14.756								
11/16/2016 4:45:00 PM	585900.000	120.834	19.133	272.190	40805.922	45956.168	30.069	31250.197	24.506
1.021	14.756								
11/16/2016 5:00:00 PM	586800.000	120.785	19.131	272.080	40859.938	46018.813	30.114	31292.795	24.474
1.021	14.754								
11/16/2016 5:15:00 PM	587700.000	120.772	19.138	272.051	40801.918	45945.957	30.061	31243.254	24.509
1.021	14.757								
11/16/2016 5:30:00 PM	588600.000	120.750	19.141	272.002	40883.219	46035.188	30.127	31303.928	24.460
1.021	14.761								
11/16/2016 5:45:00 PM	589500.000	120.691	19.142	271.868	40796.625	45936.215	30.054	31236.627	24.512
1.021	14.761								
11/16/2016 6:00:00 PM	590400.000	120.688	19.134	271.861	40843.973	45997.813	30.099	31278.516	24.483
1.021	14.769								
11/16/2016 6:15:00 PM	591300.000	120.701	19.136	271.890	40795.504	45940.809	30.058	31239.752	24.513
1.021	14.765								
11/16/2016 6:30:00 PM	592200.000	120.668	19.108	271.817	40809.086	45983.543	30.087	31268.811	24.504
1.021	14.767								
11/16/2016 6:45:00 PM	593100.000	120.675	19.112	271.833	40785.555	45954.008	30.066	31248.729	24.518
1.021	14.767								
11/16/2016 7:00:00 PM	594000.000	120.706	19.127	271.903	40836.605	45996.168	30.097	31277.395	24.488
1.021	14.768								
11/16/2016 7:15:00 PM	594900.000	120.738	19.120	271.974	40769.598	45927.410	30.047	31230.641	24.528
1.021	14.763								
11/16/2016 7:30:00 PM	595800.000	120.758	19.115	272.020	40813.957	45982.566	30.087	31268.146	24.501
1.021	14.771								
11/16/2016 7:45:00 PM	596700.000	120.803	19.116	272.121	40732.148	45889.621	30.019	31204.945	24.551
1.021	14.772								
11/16/2016 8:00:00 PM	597600.000	120.797	19.116	272.106	40845.469	46017.457	30.112	31291.871	24.483
1.021	14.772								
11/16/2016 8:15:00 PM	598500.000	120.851	19.114	272.229	40769.348	45933.250	30.051	31234.611	24.528
1.021	14.765								
11/16/2016 8:30:00 PM	599400.000	120.930	19.110	272.407	40820.367	45994.703	30.096	31276.400	24.498
1.021	14.773								
11/16/2016 8:45:00 PM	600300.000	120.949	19.115	272.450	40771.281	45934.828	30.052	31235.686	24.527
1.021	14.769								
11/16/2016 9:00:00 PM	601200.000	121.023	19.114	272.617	40811.113	45979.887	30.085	31266.324	24.503
1.021	14.773								
11/16/2016 9:15:00 PM	602100.000	121.059	19.120	272.697	40777.871	45936.895	30.054	31237.090	24.523
1.021	14.774								
11/16/2016 9:30:00 PM	603000.000	121.120	19.129	272.835	40845.086	46004.074	30.103	31282.771	24.483
1.021	14.776								
11/16/2016 9:45:00 PM	603900.000	121.147	19.134	272.895	40823.844	45975.145	30.082	31263.100	24.495
1.021	14.773								
11/16/2016 10:00:00 PM	604800.000	121.202	19.121	273.020	40848.625	46015.320	30.111	31290.418	24.481
1.021	14.778								
11/16/2016 10:15:00 PM	605700.000	121.255	19.125	273.140	40791.672	45948.051	30.062	31244.676	24.515
1.021	14.778								
11/16/2016 10:30:00 PM	606600.000	121.329	19.122	273.306	40836.027	46000.777	30.101	31280.531	24.488
1.021	14.775								
11/16/2016 10:45:00 PM	607500.000	121.335	19.118	273.319	40808.645	45973.133	30.080	31261.732	24.505
1.021	14.774								
11/16/2016 11:00:00 PM	608400.000	121.394	19.128	273.452	40863.641	46025.402	30.119	31297.275	24.472
1.021	14.772								
11/16/2016 11:15:00 PM	609300.000	121.447	19.132	273.572	40789.863	45938.602	30.056	31238.250	24.516
1.021	14.773								
11/16/2016 11:30:00 PM	610200.000	121.504	19.130	273.699	40829.871	45985.902	30.090	31270.416	24.492
1.021	14.773								
11/16/2016 11:45:00 PM	611100.000	121.570	19.127	273.849	40782.789	45935.809	30.053	31236.352	24.520
1.021	14.774								

Report Date: 11/18/2016 8:36:13 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1M Pre Test_2016-11-17_08-38-22-818-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-1M
Device Name:
Serial Number: 469248
Firmware Version: 2.01
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 2

Log Configuration
Log Name: MPWSP MW-1M Pre Test
Created By: SKuiper
Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/10/2016 8:52:14 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/10/2016 10:00:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/10/2016 8:52:23 AM	Used Battery: 2% Used Memory: 3% User Name: SKuiper
11/10/2016 11:02:58 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM
11/17/2016 8:37:45 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 667
Sensors: 2
1 - 469248: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SN#: 469248 Pressure (PSI)	Sensor: PCTD(A) 197.3ft SN#: 469248 Temperature (C)	Sensor: PCTD(A) 197.3ft SN#: 469248 Depth (ft)	Sensor: PCTD(A) 197.3ft SN#: 469248 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 469248 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 469248 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SN#: 469248 Total Dissolved Solids (ppt)	Sensor: PCTD(A) 197.3ft SN#: 469248 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SN#: 469248 Water Density (g/cm3)	Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI)	Corrected Pressure (PSI)	Corrected Depth (ft)
11/10/2016 12:00:00 AM	615600.000	68.483	15.361	154.265	38399.680	47064.969	30.658	32.004	26.042	1.023			
11/10/2016 12:15:00 AM	616500.000	68.461	15.361	154.214	38392.359	47055.797	30.652	31.998	26.047	1.023			
11/10/2016 12:30:00 AM	617400.000	68.460	15.361	154.213	38386.434	47048.531	30.646	31.993	26.051	1.023			
11/10/2016 12:45:00 AM	618300.000	68.430	15.361	154.146	38359.543	47015.094	30.622	31.970	26.069	1.023			
11/10/2016 1:00:00 AM	619200.000	68.432	15.362	154.149	38360.883	47016.148	30.623	31.971	26.068	1.023			
11/10/2016 1:15:00 AM	620100.000	68.446	15.362	154.182	38352.738	47005.480	30.615	31.964	26.074	1.023			
11/10/2016 1:30:00 AM	621000.000	68.444	15.363	154.176	38357.250	47010.824	30.619	31.967	26.071	1.023			
11/10/2016 1:45:00 AM	621900.000	68.436	15.363	154.160	38360.684	47014.055	30.621	31.970	26.068	1.023			
11/10/2016 2:00:00 AM	622800.000	68.451	15.364	154.192	38359.949	47012.770	30.621	31.969	26.069	1.023			
11/10/2016 2:15:00 AM	623700.000	68.440	15.363	154.167	38321.969	46966.711	30.587	31.937	26.095	1.022			
11/10/2016 2:30:00 AM	624600.000	68.430	15.363	154.146	38357.523	47010.863	30.619	31.967	26.071	1.023			
11/10/2016 2:45:00 AM	625500.000	68.438	15.364	154.164	38375.480	47031.512	30.634	31.981	26.058	1.023			
11/10/2016 3:00:00 AM	626400.000	68.448	15.365	154.186	38324.570	46967.859	30.588	31.938	26.093	1.022			
11/10/2016 3:15:00 AM	627300.000	68.451	15.364	154.192	38314.309	46956.340	30.580	31.930	26.100	1.022			
11/10/2016 3:30:00 AM	628200.000	68.448	15.364	154.186	38318.090	46960.977	30.583	31.933	26.097	1.022			
11/10/2016 3:45:00 AM	629100.000	68.461	15.364	154.216	38325.758	46970.484	30.590	31.940	26.092	1.022			
11/10/2016 4:00:00 AM	630000.000	68.448	15.364	154.186	38343.059	46991.867	30.605	31.954	26.080	1.023			
11/10/2016 4:15:00 AM	630900.000	68.471	15.364	154.238	38343.305	46992.281	30.606	31.955	26.080	1.023			
11/10/2016 4:30:00 AM	631800.000	68.478	15.364	154.253	38307.945	46949.230	30.575	31.925	26.104	1.022			
11/10/2016 4:45:00 AM	632700.000	68.492	15.364	154.286	38290.504	46927.754	30.559	31.911	26.116	1.022			
11/10/2016 5:00:00 AM	633600.000	68.481	15.363	154.261	38318.273	46962.078	30.584	31.934	26.097	1.022			
11/10/2016 5:15:00 AM	634500.000	68.488	15.364	154.276	38299.492	46938.477	30.567	31.918	26.110	1.022			
11/10/2016 5:30:00 AM	635400.000	68.510	15.363	154.326	38263.457	46895.477	30.536	31.889	26.135	1.022			
11/10/2016 5:45:00 AM	636300.000	68.512	15.362	154.331	38268.543	46902.680	30.541	31.894	26.131	1.022			

11/10/2016 6:00:00 AM	637200.000		68.518	15.362	154.344	38283.594	46921.027	30.554	31.906	
26.121	1.022									
11/10/2016 6:15:00 AM	638100.000		68.544	15.361	154.402	38295.133	46936.629	30.565	31.917	
26.113	1.022									
11/10/2016 6:30:00 AM	639000.000		68.539	15.361	154.391	38250.922	46882.543	30.526	31.880	
26.143	1.022									
11/10/2016 6:45:00 AM	639900.000		68.560	15.361	154.437	38258.484	46891.711	30.533	31.886	
26.138	1.022									
11/10/2016 7:00:00 AM	640800.000		68.581	15.359	154.485	38254.648	46889.145	30.531	31.885	
26.141	1.022									
11/10/2016 7:15:00 AM	641700.000		68.591	15.358	154.508	38235.828	46867.047	30.515	31.870	
26.153	1.022									
11/10/2016 7:30:00 AM	642600.000		68.588	15.357	154.500	38253.645	46889.363	30.531	31.885	
26.141	1.022									
11/10/2016 7:45:00 AM	643500.000		68.591	15.357	154.509	38225.980	46855.453	30.506	31.862	
26.160	1.022									
11/10/2016 8:00:00 AM	644400.000		68.607	15.356	154.544	38226.246	46857.051	30.507	31.863	
26.160	1.022									
11/10/2016 8:15:00 AM	645300.000		68.607	15.355	154.544	38225.484	46857.172	30.507	31.863	
26.161	1.022									
11/10/2016 8:30:00 AM	646200.000		68.612	15.356	154.555	38218.840	46848.449	30.501	31.857	
26.165	1.022									
11/10/2016 8:45:00 AM	647100.000		68.622	15.355	154.579	38230.734	46864.477	30.513	31.868	
26.157	1.022									
11/10/2016 9:00:00 AM	648000.000		68.621	15.354	154.575	38246.137	46883.648	30.526	31.881	
26.146	1.022									
11/10/2016 9:15:00 AM	648900.000		68.621	15.355	154.576	38229.324	46862.566	30.511	31.867	
26.158	1.022									
11/10/2016 9:30:00 AM	649800.000		68.618	15.354	154.569	38190.121	46815.184	30.477	31.834	
26.185	1.022									
11/10/2016 10:00:00 AM	0.000		-0.014	21.500	-0.032	0.000	0.000	0.000	0.000	
10000000.000		0.998	14.738							
11/10/2016 10:15:00 AM	900.000		-0.018	22.823	-0.040	0.000	0.000	0.000	0.000	
10000000.000		0.998	14.741							
11/10/2016 10:30:00 AM	1800.000		-0.021	23.731	-0.048	0.000	0.000	0.000	0.000	
10000000.000		0.997	14.743							
11/10/2016 10:45:00 AM	2700.000		68.650	16.407	154.640	40440.387	48380.988	31.687	32.899	
24.728	1.023		14.734							
11/10/2016 11:00:00 AM	3600.000		68.642	15.410	154.623	40275.648	49306.727	32.293	33.529	
24.829	1.024		14.732							
11/10/2016 11:15:00 AM	4500.001		68.629	15.390	154.593	40466.656	49564.121	32.479	33.704	
24.712	1.024		14.734							
11/10/2016 11:30:00 AM	5400.000		68.608	15.391	154.547	40654.109	49792.781	32.647	33.859	
24.598	1.024		14.727							
11/10/2016 11:45:00 AM	6300.000		68.589	15.390	154.503	40796.582	49968.004	32.775	33.978	
24.512	1.024		14.729							
11/10/2016 12:00:00 PM	7200.000		68.578	15.392	154.478	40927.133	50126.238	32.891	34.086	
24.434	1.024		14.727							
11/10/2016 12:15:00 PM	8100.000		68.546	15.392	154.406	41054.367	50281.473	33.004	34.191	
24.358	1.024		14.730							
11/10/2016 12:30:00 PM	9000.000		68.538	15.393	154.388	41180.484	50435.402	33.117	34.296	
24.283	1.024		14.726							
11/10/2016 12:45:00 PM	9900.000		68.529	15.392	154.368	41273.891	50550.000	33.201	34.374	
24.228	1.025		14.726							
11/10/2016 1:00:00 PM	10800.000		68.515	15.393	154.336	41358.742	50652.883	33.277	34.444	
24.179	1.025		14.716							
11/10/2016 1:15:00 PM	11700.000		68.500	15.393	154.304	41405.398	50710.023	33.319	34.483	
24.151	1.025		14.718							
11/10/2016 1:30:00 PM	12600.000		68.494	15.394	154.290	41441.996	50754.004	33.351	34.513	
24.130	1.025		14.727							
11/10/2016 1:45:00 PM	13500.000		68.484	15.395	154.267	41460.504	50775.102	33.367	34.527	
24.119	1.025		14.725							
11/10/2016 2:00:00 PM	14400.000		68.478	15.396	154.253	41482.188	50801.238	33.386	34.545	
24.107	1.025		14.726							
11/10/2016 2:15:00 PM	15300.000		68.465	15.395	154.224	41508.820	50835.016	33.411	34.568	
24.091	1.025		14.731							
11/10/2016 2:30:00 PM	16200.000		68.459	15.396	154.210	41482.707	50801.133	33.386	34.545	
24.106	1.025		14.729							
11/10/2016 2:45:00 PM	17100.000		68.457	15.396	154.206	41487.188	50807.145	33.390	34.549	
24.104	1.025		14.726							
11/10/2016 3:00:00 PM	18000.000		68.447	15.398	154.183	41513.742	50837.559	33.413	34.570	
24.088	1.025		14.731							
11/10/2016 3:15:00 PM	18900.000		68.446	15.398	154.181	41503.176	50824.320	33.403	34.561	
24.095	1.025		14.732							
11/10/2016 3:30:00 PM	19800.000		68.450	15.399	154.190	41517.309	50840.883	33.415	34.572	
24.086	1.025		14.738							
11/10/2016 3:45:00 PM	20700.000		68.438	15.399	154.163	41493.270	50810.711	33.393	34.551	
24.100	1.025		14.737							
11/10/2016 4:00:00 PM	21600.000		68.456	15.398	154.204	41524.234	50850.000	33.422	34.578	
24.082	1.025		14.737							
11/10/2016 4:15:00 PM	22500.000		68.450	15.400	154.191	41488.195	50803.863	33.388	34.547	
24.103	1.025		14.739							
11/10/2016 4:30:00 PM	23400.000		68.449	15.399	154.189	41505.965	50826.258	33.404	34.562	
24.093	1.025		14.738							
11/10/2016 4:45:00 PM	24300.000		68.456	15.401	154.204	41518.098	50839.426	33.414	34.571	
24.086	1.025		14.743							
11/10/2016 5:00:00 PM	25200.000		68.458	15.400	154.208	41490.332	50806.699	33.390	34.549	
24.102	1.025		14.730							
11/10/2016 5:15:00 PM	26100.000		68.462	15.400	154.218	41523.734	50847.184	33.420	34.576	
24.083	1.025		14.746							
11/10/2016 5:30:00 PM	27000.000		68.468	15.400	154.230	41506.320	50825.434	33.404	34.561	
24.093	1.025		14.744							
11/10/2016 5:45:00 PM	27900.000		68.458	15.400	154.208	41501.961	50819.984	33.400	34.558	
24.095	1.025		14.741							
11/10/2016 6:00:00 PM	28800.000		68.466	15.400	154.226	41489.191	50804.566	33.389	34.547	
24.103	1.025		14.748							
11/10/2016 6:15:00 PM	29700.000		68.469	15.400	154.233	41501.398	50819.930	33.400	34.558	
24.096	1.025		14.744							
11/10/2016 6:30:00 PM	30600.000		68.469	15.400	154.232	41514.957	50836.434	33.412	34.569	
24.088	1.025		14.745							
11/10/2016 6:45:00 PM	31500.000		68.476	15.399	154.249	41514.457	50836.441	33.412	34.569	
24.088	1.025		14.740							
11/10/2016 7:00:00 PM	32400.000		68.475	15.400	154.246	41491.398	50807.164	33.391	34.549	
24.101	1.025		14.744							
11/10/2016 7:15:00 PM	33300.000		68.469	15.399	154.234	41510.809	50832.496	33.409	34.566	
24.090	1.025		14.745							
11/10/2016 7:30:00 PM	34200.000		68.470	15.400	154.235	41493.684	50810.156	33.393	34.551	
24.100	1.025		14.741							
11/10/2016 7:45:00 PM	35100.000		68.468	15.400	154.230	41483.910	50797.992	33.384	34.543	
24.106	1.025		14.742							
11/10/2016 8:00:00 PM	36000.000		68.464	15.398	154.222	41513.242	50836.441	33.412	34.569	
24.089	1.025		14.750							
11/10/2016 8:15:00 PM	36900.000		68.466	15.399	154.227	41511.172	50833.270	33.410	34.567	
24.090	1.025		14.743							
11/10/2016 8:30:00 PM	37800.000		68.455	15.399	154.202	41476.223	50789.734	33.378	34.537	
24.110	1.025		14.748							
11/10/2016 8:45:00 PM	38700.000		68.452	15.399	154.195	41512.676	50834.996	33.411	34.568	
24.089	1.025		14.751							
11/10/2016 9:00:00 PM	39600.000		68.451	15.400	154.192	41515.887	50837.992	33.413	34.570	
24.087	1.025		14.744							
11/10/2016 9:15:00 PM	40500.000		68.431	15.398	154.147	41478.438	50793.719	33.381	34.540	
24.109	1.025		14.751							
11/10/2016 9:30:00 PM	41400.000		68.418	15.400	154.119	41516.598	50838.324	33.413	34.570	
24.087	1.025		14.754							
11/10/2016 9:45:00 PM	42300.000		68.410	15.399	154.101	41516.883	50839.625	33.414	34.571	
24.087	1.025		14.748							
11/10/2016 10:00:00 PM	43200.000		68.408	15.401	154.095	41495.547	50811.813	33.394	34.552	
24.099	1.025		14.752							
11/10/2016 10:15:00 PM	44100.000		68.392	15.401	154.060	41490.047	50804.883	33.389	34.547	
24.102	1.025		14.752							
11/10/2016 10:30:00 PM	45000.000		68.379	15.401	154.031	41502.039	50819.664	33.400	34.557	
24.095	1.025		14.749							
11/10/2016 10:45:00 PM	45900.000		68.354	15.402	153.973	41507.098	50824.281	33.403	34.561	

24.092	1.025	14.754						
11/10/2016 11:00:00 PM	46800.000	68.345	15.402	153.953	41526.379	50847.793	33.421	34.576
24.081	1.025	14.754						
11/10/2016 11:15:00 PM	47700.000	68.335	15.402	153.932	41527.168	50848.441	33.421	34.577
24.081	1.025	14.751						
11/10/2016 11:30:00 PM	48600.000	68.316	15.403	153.887	41504.469	50820.328	33.400	34.558
24.094	1.025	14.758						
11/10/2016 11:45:00 PM	49500.000	68.303	15.404	153.860	41509.887	50825.082	33.404	34.561
24.091	1.025	14.757						
11/11/2016 12:00:00 AM	50400.000	68.294	15.404	153.839	41502.828	50816.441	33.398	34.555
24.095	1.025	14.756						
11/11/2016 12:15:00 AM	51300.000	68.283	15.405	153.814	41503.762	50816.938	33.398	34.556
24.094	1.025	14.759						
11/11/2016 12:30:00 AM	52200.000	68.266	15.405	153.776	41527.875	50846.461	33.420	34.576
24.080	1.025	14.762						
11/11/2016 12:45:00 AM	53100.000	68.266	15.405	153.776	41486.070	50794.961	33.382	34.541
24.104	1.025	14.755						
11/11/2016 1:00:00 AM	54000.000	68.265	15.407	153.773	41520.023	50834.121	33.411	34.567
24.085	1.025	14.759						
11/11/2016 1:15:00 AM	54900.000	68.254	15.407	153.749	41532.164	50849.621	33.422	34.578
24.078	1.025	14.759						
11/11/2016 1:30:00 AM	55800.000	68.256	15.407	153.752	41488.414	50795.750	33.383	34.541
24.103	1.025	14.757						
11/11/2016 1:45:00 AM	56700.000	68.244	15.409	153.727	41529.086	50843.020	33.418	34.573
24.080	1.025	14.752						
11/11/2016 2:00:00 AM	57600.000	68.234	15.409	153.705	41538.375	50854.602	33.426	34.581
24.074	1.025	14.758						
11/11/2016 2:15:00 AM	58500.000	68.236	15.409	153.709	41541.160	50857.695	33.428	34.583
24.073	1.025	14.751						
11/11/2016 2:30:00 AM	59400.000	68.234	15.410	153.703	41532.234	50844.980	33.419	34.575
24.078	1.025	14.752						
11/11/2016 2:45:00 AM	60300.000	68.228	15.411	153.691	41519.453	50828.699	33.407	34.564
24.085	1.025	14.753						
11/11/2016 3:00:00 AM	61200.000	68.226	15.411	153.686	41514.887	50822.594	33.403	34.559
24.088	1.025	14.752						
11/11/2016 3:15:00 AM	62100.000	68.235	15.411	153.705	41517.883	50826.461	33.406	34.562
24.086	1.025	14.745						
11/11/2016 3:30:00 AM	63000.000	68.227	15.411	153.689	41526.590	50837.234	33.413	34.569
24.081	1.025	14.754						
11/11/2016 3:45:00 AM	63900.000	68.237	15.412	153.711	41553.164	50869.031	33.437	34.591
24.066	1.025	14.744						
11/11/2016 4:00:00 AM	64800.000	68.238	15.412	153.712	41513.391	50819.914	33.401	34.558
24.089	1.025	14.743						
11/11/2016 4:15:00 AM	65700.000	68.245	15.412	153.728	41529.668	50839.734	33.415	34.571
24.079	1.025	14.744						
11/11/2016 4:30:00 AM	66600.000	68.254	15.413	153.750	41540.160	50852.262	33.425	34.580
24.073	1.025	14.743						
11/11/2016 4:45:00 AM	67500.000	68.265	15.413	153.773	41523.168	50830.516	33.409	34.565
24.083	1.025	14.745						
11/11/2016 5:00:00 AM	68400.000	68.257	15.413	153.756	41509.887	50814.992	33.397	34.554
24.091	1.025	14.751						
11/11/2016 5:15:00 AM	69300.000	68.280	15.412	153.808	41515.457	50822.559	33.403	34.559
24.087	1.025	14.744						
11/11/2016 5:30:00 AM	70200.000	68.283	15.413	153.815	41507.680	50812.398	33.395	34.552
24.092	1.025	14.746						
11/11/2016 5:45:00 AM	71100.000	68.295	15.412	153.841	41514.742	50821.684	33.402	34.559
24.088	1.025	14.751						
11/11/2016 6:00:00 AM	72000.000	68.322	15.412	153.903	41499.824	50803.418	33.389	34.546
24.096	1.025	14.741						
11/11/2016 6:15:00 AM	72900.000	68.329	15.412	153.919	41512.457	50818.465	33.400	34.557
24.089	1.025	14.745						
11/11/2016 6:30:00 AM	73800.000	68.334	15.410	153.929	41514.457	50823.633	33.403	34.560
24.088	1.025	14.750						
11/11/2016 6:45:00 AM	74700.000	68.340	15.411	153.943	41524.234	50834.551	33.411	34.567
24.082	1.025	14.753						
11/11/2016 7:00:00 AM	75600.000	68.357	15.409	153.981	41542.801	50859.285	33.430	34.584
24.072	1.025	14.755						
11/11/2016 7:15:00 AM	76500.000	68.376	15.409	154.025	41536.012	50851.500	33.424	34.579
24.075	1.025	14.754						
11/11/2016 7:30:00 AM	77400.000	68.404	15.409	154.087	41522.879	50835.316	33.412	34.568
24.083	1.025	14.756						
11/11/2016 7:45:00 AM	78300.000	68.392	15.407	154.060	41517.883	50831.602	33.409	34.565
24.086	1.025	14.756						
11/11/2016 8:00:00 AM	79200.000	68.407	15.407	154.094	41518.523	50832.188	33.409	34.566
24.086	1.025	14.753						
11/11/2016 8:15:00 AM	80100.000	68.404	15.406	154.086	41516.031	50829.977	33.408	34.564
24.087	1.025	14.764						
11/11/2016 8:30:00 AM	81000.000	68.417	15.405	154.116	41538.875	50860.148	33.430	34.585
24.074	1.025	14.760						
11/11/2016 8:45:00 AM	81900.000	68.439	15.404	154.165	41512.820	50828.348	33.406	34.563
24.089	1.025	14.758						
11/11/2016 9:00:00 AM	82800.000	68.452	15.404	154.196	41489.629	50801.008	33.386	34.545
24.102	1.025	14.759						
11/11/2016 9:15:00 AM	83700.000	68.452	15.403	154.195	41532.801	50854.918	33.426	34.581
24.077	1.025	14.768						
11/11/2016 9:30:00 AM	84600.000	68.447	15.402	154.184	41508.035	50825.219	33.404	34.561
24.092	1.025	14.765						
11/11/2016 9:45:00 AM	85500.000	68.448	15.402	154.186	41502.832	50818.848	33.399	34.557
24.095	1.025	14.766						
11/11/2016 10:00:00 AM	86400.000	68.456	15.401	154.205	41519.953	50841.074	33.416	34.572
24.085	1.025	14.766						
11/11/2016 10:15:00 AM	87300.000	68.449	15.400	154.187	41492.125	50807.840	33.391	34.549
24.101	1.025	14.760						
11/11/2016 10:30:00 AM	88200.000	68.441	15.400	154.169	41547.734	50876.570	33.441	34.596
24.069	1.025	14.759						
11/11/2016 10:45:00 AM	89100.000	68.431	15.400	154.149	41540.016	50867.000	33.434	34.590
24.073	1.025	14.759						
11/11/2016 11:00:00 AM	90000.000	68.419	15.399	154.121	41518.023	50841.023	33.415	34.572
24.086	1.025	14.763						
11/11/2016 11:15:00 AM	90900.000	68.424	15.400	154.132	41527.090	50850.867	33.423	34.579
24.081	1.025	14.755						
11/11/2016 11:30:00 AM	91800.000	68.398	15.400	154.074	41513.813	50834.914	33.411	34.568
24.088	1.025	14.761						
11/11/2016 11:45:00 AM	92700.000	68.396	15.401	154.069	41495.980	50811.719	33.394	34.552
24.099	1.025	14.755						
11/11/2016 12:00:00 PM	93600.000	68.379	15.401	154.030	41511.457	50831.414	33.408	34.565
24.090	1.025	14.755						
11/11/2016 12:15:00 PM	94500.000	68.362	15.401	153.991	41556.598	50886.688	33.449	34.603
24.064	1.025	14.755						
11/11/2016 12:30:00 PM	95400.000	68.349	15.401	153.963	41527.883	50851.527	33.423	34.579
24.080	1.025	14.758						
11/11/2016 12:45:00 PM	96300.000	68.333	15.402	153.927	41519.668	50840.109	33.415	34.571
24.085	1.025	14.754						
11/11/2016 1:00:00 PM	97200.000	68.323	15.402	153.904	41553.730	50881.379	33.445	34.599
24.065	1.025	14.755						
11/11/2016 1:15:00 PM	98100.000	68.301	15.402	153.854	41552.078	50879.262	33.444	34.598
24.066	1.025	14.757						
11/11/2016 1:30:00 PM	99000.000	68.289	15.403	153.827	41529.516	50851.094	33.423	34.579
24.079	1.025	14.758						
11/11/2016 1:45:00 PM	99900.000	68.269	15.405	153.782	41522.023	50839.516	33.415	34.571
24.084	1.025	14.760						
11/11/2016 2:00:00 PM	100800.000	68.247	15.404	153.733	41523.953	50842.508	33.417	34.573
24.082	1.025	14.765						
11/11/2016 2:15:00 PM	101700.000	68.256	15.405	153.753	41508.246	50822.234	33.402	34.559
24.092	1.025	14.744						
11/11/2016 2:30:00 PM	102600.000	68.235	15.407	153.705	41553.016	50875.152	33.441	34.595
24.066	1.025	14.761						
11/11/2016 2:45:00 PM	103500.000	68.222	15.406	153.676	41518.742	50833.613	33.410	34.567
24.086	1.025	14.761						
11/11/2016 3:00:00 PM	104400.000	68.213	15.407	153.657	41513.098	50826.168	33.405	34.562
24.089	1.025	14.770						
11/11/2016 3:15:00 PM	105300.000	68.221	15.407	153.675	41530.301	50846.492	33.420	34.576
24.079	1.025	14.760						

11/11/2016 3:30:00 PM	106200.000	68.196	15.408	153.619	41532.445	50847.750	33.421	34.576	24.078
1.025	14.766								
11/11/2016 3:45:00 PM	107100.000	68.199	15.408	153.625	41518.098	50830.395	33.408	34.565	24.086
1.025	14.771								
11/11/2016 4:00:00 PM	108000.000	68.213	15.409	153.657	41519.738	50831.469	33.409	34.565	24.085
1.025	14.762								
11/11/2016 4:15:00 PM	108900.000	68.211	15.410	153.651	41526.090	50837.777	33.414	34.570	24.081
1.025	14.765								
11/11/2016 4:30:00 PM	109800.000	68.205	15.409	153.637	41540.234	50856.145	33.427	34.582	24.073
1.025	14.765								
11/11/2016 4:45:00 PM	110700.000	68.218	15.409	153.667	41532.730	50847.484	33.421	34.576	24.077
1.025	14.771								
11/11/2016 5:00:00 PM	111600.000	68.226	15.409	153.685	41535.734	50850.836	33.423	34.579	24.076
1.025	14.769								
11/11/2016 5:15:00 PM	112500.000	68.230	15.410	153.694	41548.223	50864.762	33.434	34.588	24.068
1.025	14.770								
11/11/2016 5:30:00 PM	113400.000	68.235	15.410	153.705	41523.309	50834.688	33.412	34.568	24.083
1.025	14.773								
11/11/2016 5:45:00 PM	114300.000	68.247	15.410	153.734	41522.594	50833.496	33.411	34.567	24.083
1.025	14.775								
11/11/2016 6:00:00 PM	115200.000	68.253	15.411	153.746	41520.738	50830.379	33.408	34.565	24.084
1.025	14.780								
11/11/2016 6:15:00 PM	116100.000	68.266	15.410	153.776	41546.582	50863.281	33.432	34.587	24.069
1.025	14.778								
11/11/2016 6:30:00 PM	117000.000	68.277	15.410	153.801	41530.523	50843.828	33.418	34.574	24.079
1.025	14.778								
11/11/2016 6:45:00 PM	117900.000	68.277	15.409	153.801	41531.660	50845.531	33.419	34.575	24.078
1.025	14.779								
11/11/2016 7:00:00 PM	118800.000	68.291	15.409	153.833	41535.305	50851.055	33.423	34.579	24.076
1.025	14.775								
11/11/2016 7:15:00 PM	119700.000	68.309	15.407	153.873	41526.309	50841.410	33.416	34.572	24.081
1.025	14.770								
11/11/2016 7:30:00 PM	120600.000	68.318	15.407	153.893	41539.793	50858.961	33.429	34.584	24.073
1.025	14.773								
11/11/2016 7:45:00 PM	121500.000	68.331	15.407	153.923	41556.008	50878.078	33.443	34.597	24.064
1.025	14.759								
11/11/2016 8:00:00 PM	122400.000	68.347	15.406	153.958	41547.156	50868.492	33.436	34.591	24.069
1.025	14.761								
11/11/2016 8:15:00 PM	123300.000	68.350	15.406	153.966	41532.309	50850.422	33.423	34.578	24.078
1.025	14.759								
11/11/2016 8:30:00 PM	124200.000	68.364	15.405	153.997	41549.152	50871.891	33.438	34.593	24.068
1.025	14.754								
11/11/2016 8:45:00 PM	125100.000	68.363	15.404	153.994	41542.590	50865.020	33.433	34.588	24.072
1.025	14.761								
11/11/2016 9:00:00 PM	126000.000	68.380	15.404	154.032	41545.586	50868.793	33.436	34.591	24.070
1.025	14.764								
11/11/2016 9:15:00 PM	126900.000	68.375	15.403	154.022	41533.379	50855.316	33.426	34.582	24.077
1.025	14.759								
11/11/2016 9:30:00 PM	127800.000	68.378	15.402	154.028	41525.453	50846.238	33.419	34.575	24.082
1.025	14.760								
11/11/2016 9:45:00 PM	128700.000	68.383	15.402	154.040	41555.527	50883.266	33.447	34.601	24.064
1.025	14.762								
11/11/2016 10:00:00 PM	129600.000	68.384	15.402	154.041	41517.309	50837.219	33.413	34.569	24.086
1.025	14.777								
11/11/2016 10:15:00 PM	130500.000	68.366	15.402	154.001	41540.734	50865.793	33.434	34.589	24.073
1.025	14.777								
11/11/2016 10:30:00 PM	1314000.000	68.377	15.402	154.026	41553.457	50881.145	33.445	34.599	24.065
1.025	14.766								
11/11/2016 10:45:00 PM	132300.000	68.357	15.402	153.981	41536.520	50860.832	33.430	34.585	24.075
1.025	14.773								
11/11/2016 11:00:00 PM	133200.000	68.355	15.401	153.976	41546.301	50873.961	33.440	34.594	24.070
1.025	14.776								
11/11/2016 11:15:00 PM	134100.000	68.350	15.400	153.965	41534.656	50860.020	33.429	34.585	24.076
1.025	14.781								
11/11/2016 11:30:00 PM	135000.000	68.329	15.401	153.917	41539.090	50864.828	33.433	34.588	24.074
1.025	14.782								
11/11/2016 11:45:00 PM	135900.000	68.326	15.401	153.912	41531.375	50854.754	33.426	34.581	24.078
1.025	14.781								
11/12/2016 12:00:00 AM	136800.000	68.322	15.402	153.903	41514.957	50834.121	33.410	34.567	24.088
1.025	14.774								
11/12/2016 12:15:00 AM	137700.000	68.309	15.401	153.873	41504.754	50822.246	33.402	34.559	24.094
1.025	14.773								
11/12/2016 12:30:00 AM	138600.000	68.305	15.401	153.863	41557.164	50886.746	33.449	34.603	24.063
1.025	14.778								
11/12/2016 12:45:00 AM	139500.000	68.285	15.403	153.818	41533.516	50855.895	33.427	34.582	24.077
1.025	14.783								
11/12/2016 1:00:00 AM	140400.000	68.277	15.402	153.800	41550.516	50876.926	33.442	34.596	24.067
1.025	14.776								
11/12/2016 1:15:00 AM	141300.000	68.278	15.403	153.802	41524.660	50844.641	33.418	34.574	24.082
1.025	14.777								
11/12/2016 1:30:00 AM	142200.000	68.278	15.404	153.803	41519.668	50837.688	33.413	34.570	24.085
1.025	14.777								
11/12/2016 1:45:00 AM	143100.000	68.270	15.403	153.785	41526.020	50845.773	33.419	34.575	24.081
1.025	14.780								
11/12/2016 2:00:00 AM	144000.000	68.250	15.404	153.739	41531.652	50852.242	33.424	34.580	24.078
1.025	14.785								
11/12/2016 2:15:00 AM	144900.000	68.266	15.404	153.776	41559.953	50886.586	33.449	34.603	24.062
1.025	14.778								
11/12/2016 2:30:00 AM	145800.000	68.258	15.405	153.758	41526.020	50843.996	33.418	34.574	24.081
1.025	14.780								
11/12/2016 2:45:00 AM	146700.000	68.264	15.405	153.771	41540.863	50862.051	33.431	34.586	24.073
1.025	14.781								
11/12/2016 3:00:00 AM	147600.000	68.255	15.405	153.751	41527.309	50844.938	33.419	34.575	24.081
1.025	14.783								
11/12/2016 3:15:00 AM	148500.000	68.258	15.407	153.757	41541.586	50861.156	33.431	34.586	24.072
1.025	14.780								
11/12/2016 3:30:00 AM	149400.000	68.244	15.405	153.726	41524.164	50841.297	33.416	34.572	24.082
1.025	14.786								
11/12/2016 3:45:00 AM	150300.000	68.250	15.406	153.740	41536.086	50855.258	33.426	34.582	24.075
1.025	14.778								
11/12/2016 4:00:00 AM	151200.000	68.271	15.405	153.786	41510.465	50824.832	33.404	34.561	24.090
1.025	14.783								
11/12/2016 4:15:00 AM	152100.000	68.259	15.406	153.760	41528.309	50845.328	33.419	34.575	24.080
1.025	14.783								
11/12/2016 4:30:00 AM	153000.000	68.266	15.405	153.775	41541.594	50862.836	33.432	34.587	24.072
1.025	14.783								
11/12/2016 4:45:00 AM	153900.000	68.280	15.405	153.807	41549.496	50872.105	33.439	34.593	24.068
1.025	14.784								
11/12/2016 5:00:00 AM	154800.000	68.319	15.405	153.896	41542.305	50864.129	33.433	34.588	24.072
1.025	14.778								
11/12/2016 5:15:00 AM	155700.000	68.333	15.405	153.926	41525.879	50843.910	33.418	34.574	24.081
1.025	14.784								
11/12/2016 5:30:00 AM	156600.000	68.350	15.404	153.965	41536.234	50857.016	33.427	34.583	24.075
1.025	14.778								
11/12/2016 5:45:00 AM	157500.000	68.378	15.403	154.029	41536.875	50859.699	33.429	34.585	24.075
1.025	14.775								
11/12/2016 6:00:00 AM	158400.000	68.408	15.403	154.095	41519.523	50838.762	33.414	34.570	24.085
1.025	14.791								
11/12/2016 6:15:00 AM	159300.000	68.446	15.400	154.181	41530.445	50855.172	33.426	34.582	24.079
1.025	14.784								
11/12/2016 6:30:00 AM	160200.000	68.455	15.399	154.201	41517.813	50840.551	33.415	34.572	24.086
1.025	14.786								
11/12/2016 6:45:00 AM	161100.000	68.487	15.399	154.274	41530.945	50857.480	33.427	34.583	24.078
1.025	14.789								
11/12/2016 7:00:00 AM	162000.000	68.535	15.397	154.381	41511.246	50835.676	33.411	34.568	24.090
1.025	14.792								
11/12/2016 7:15:00 AM	162900.000	68.548	15.394	154.411	41511.246	50838.395	33.413	34.570	24.090
1.025	14.794								
11/12/2016 7:30:00 AM	163800.000	68.589	15.394	154.504	41536.012	50869.250	33.436	34.591	24.075
1.025	14.800								
11/12/2016 7:45:00 AM	164700.000	68.613	15.392	154.558	41523.379	50855.996	33.426	34.582	24.083
1.025	14.801								
11/12/2016 8:00:00 AM	165600.000	68.620	15.390	154.573	41501.613	50831.434	33.408	34.565	

24.095	1.025	14.798						
11/12/2016 8:15:00 AM	166500.000	68.642	15.389	154.623	41521.457	50857.207	33.426	34.583
24.084	1.025	14.805						
11/12/2016 8:30:00 AM	167400.000	68.674	15.386	154.694	41538.516	50881.898	33.444	34.600
24.074	1.025	14.808						
11/12/2016 8:45:00 AM	168300.000	68.681	15.386	154.711	41482.355	50813.418	33.394	34.553
24.107	1.025	14.811						
11/12/2016 9:00:00 AM	169200.000	68.685	15.383	154.720	41512.102	50852.563	33.423	34.580
24.089	1.025	14.802						
11/12/2016 9:15:00 AM	170100.000	68.712	15.382	154.781	41517.098	50859.859	33.428	34.585
24.086	1.025	14.806						
11/12/2016 9:30:00 AM	171000.000	68.712	15.380	154.780	41490.977	50830.699	33.406	34.565
24.102	1.025	14.803						
11/12/2016 9:45:00 AM	171900.000	68.739	15.379	154.842	41518.242	50865.352	33.432	34.588
24.086	1.025	14.803						
11/12/2016 10:00:00 AM	172800.000	68.725	15.378	154.809	41474.934	50813.051	33.393	34.553
24.111	1.025	14.802						
11/12/2016 10:15:00 AM	173700.000	68.755	15.377	154.878	41528.945	50880.684	33.443	34.599
24.080	1.025	14.804						
11/12/2016 10:30:00 AM	174600.000	68.730	15.376	154.821	41491.980	50836.230	33.410	34.569
24.101	1.025	14.802						
11/12/2016 10:45:00 AM	175500.000	68.739	15.374	154.841	41535.598	50892.406	33.451	34.607
24.076	1.025	14.794						
11/12/2016 11:00:00 AM	176400.000	68.716	15.374	154.789	41486.984	50833.148	33.408	34.567
24.104	1.025	14.795						
11/12/2016 11:15:00 AM	177300.000	68.726	15.374	154.813	41499.191	50848.105	33.419	34.577
24.097	1.025	14.792						
11/12/2016 11:30:00 AM	178200.000	68.694	15.374	154.739	41500.398	50849.813	33.420	34.578
24.096	1.025	14.789						
11/12/2016 11:45:00 AM	179100.000	68.703	15.373	154.760	41497.973	50847.375	33.418	34.576
24.098	1.025	14.784						
11/12/2016 12:00:00 PM	180000.000	68.689	15.373	154.729	41489.195	50837.129	33.410	34.569
24.103	1.025	14.779						
11/12/2016 12:15:00 PM	180900.000	68.688	15.372	154.726	41502.035	50854.133	33.423	34.581
24.095	1.025	14.776						
11/12/2016 12:30:00 PM	181800.000	68.668	15.372	154.682	41482.000	50828.738	33.404	34.564
24.107	1.025	14.772						
11/12/2016 12:45:00 PM	182700.000	68.646	15.374	154.632	41522.164	50876.594	33.439	34.596
24.084	1.025	14.774						
11/12/2016 1:00:00 PM	183600.000	68.622	15.373	154.577	41509.176	50861.719	33.428	34.586
24.091	1.025	14.771						
11/12/2016 1:15:00 PM	184500.000	68.617	15.374	154.567	41498.051	50846.199	33.417	34.575
24.098	1.025	14.774						
11/12/2016 1:30:00 PM	185400.000	68.609	15.374	154.548	41526.020	50880.363	33.442	34.599
24.081	1.025	14.764						
11/12/2016 1:45:00 PM	186300.000	68.594	15.375	154.515	41507.750	50857.766	33.426	34.583
24.092	1.025	14.770						
11/12/2016 2:00:00 PM	187200.000	68.547	15.376	154.410	41513.742	50863.422	33.430	34.587
24.088	1.025	14.779						
11/12/2016 2:15:00 PM	188100.000	68.570	15.378	154.461	41525.805	50875.680	33.439	34.595
24.081	1.025	14.772						
11/12/2016 2:30:00 PM	189000.000	68.543	15.378	154.400	41545.309	50900.105	33.457	34.612
24.070	1.025	14.773						
11/12/2016 2:45:00 PM	189900.000	68.535	15.379	154.382	41525.309	50873.801	33.438	34.594
24.082	1.025	14.770						
11/12/2016 3:00:00 PM	190800.000	68.489	15.380	154.279	41506.531	50850.281	33.421	34.578
24.093	1.025	14.775						
11/12/2016 3:15:00 PM	191700.000	68.500	15.380	154.303	41564.465	50920.418	33.472	34.626
24.059	1.025	14.775						
11/12/2016 3:30:00 PM	192600.000	68.497	15.380	154.297	41516.383	50861.715	33.429	34.586
24.087	1.025	14.773						
11/12/2016 3:45:00 PM	193500.000	68.488	15.380	154.275	41522.094	50868.617	33.434	34.591
24.084	1.025	14.771						
11/12/2016 4:00:00 PM	194400.000	68.464	15.381	154.223	41525.020	50871.461	33.436	34.593
24.082	1.025	14.767						
11/12/2016 4:15:00 PM	195300.000	68.475	15.383	154.246	41478.434	50812.285	33.393	34.552
24.109	1.025	14.775						
11/12/2016 4:30:00 PM	196200.000	68.453	15.384	154.196	41517.098	50858.488	33.427	34.584
24.086	1.025	14.773						
11/12/2016 4:45:00 PM	197100.000	68.478	15.383	154.254	41506.113	50845.227	33.417	34.575
24.093	1.025	14.775						
11/12/2016 5:00:00 PM	198000.000	68.462	15.384	154.216	41526.523	50870.035	33.435	34.592
24.081	1.025	14.777						
11/12/2016 5:15:00 PM	198900.000	68.461	15.383	154.214	41527.309	50871.191	33.436	34.592
24.081	1.025	14.778						
11/12/2016 5:30:00 PM	199800.000	68.459	15.383	154.211	41540.734	50887.559	33.448	34.604
24.073	1.025	14.778						
11/12/2016 5:45:00 PM	200700.000	68.466	15.385	154.226	41519.098	50858.945	33.427	34.584
24.085	1.025	14.782						
11/12/2016 6:00:00 PM	201600.000	68.473	15.385	154.242	41529.168	50871.184	33.436	34.592
24.079	1.025	14.779						
11/12/2016 6:15:00 PM	202500.000	68.475	15.385	154.246	41506.820	50844.008	33.416	34.574
24.092	1.025	14.785						
11/12/2016 6:30:00 PM	203400.000	68.484	15.385	154.266	41547.523	50894.402	33.453	34.608
24.069	1.025	14.780						
11/12/2016 6:45:00 PM	204300.000	68.490	15.385	154.281	41514.246	50853.324	33.423	34.580
24.088	1.025	14.780						
11/12/2016 7:00:00 PM	205200.000	68.480	15.386	154.257	41534.875	50877.438	33.441	34.597
24.076	1.025	14.784						
11/12/2016 7:15:00 PM	206100.000	68.509	15.385	154.322	41518.809	50858.594	33.427	34.584
24.085	1.025	14.783						
11/12/2016 7:30:00 PM	207000.000	68.514	15.385	154.335	41527.453	50869.590	33.435	34.591
24.080	1.025	14.774						
11/12/2016 7:45:00 PM	207900.000	68.512	15.384	154.331	41525.309	50868.336	33.434	34.590
24.082	1.025	14.774						
11/12/2016 8:00:00 PM	208800.000	68.527	15.384	154.363	41512.531	50852.160	33.422	34.579
24.089	1.025	14.777						
11/12/2016 8:15:00 PM	209700.000	68.538	15.384	154.388	41488.699	50823.180	33.401	34.560
24.103	1.025	14.774						
11/12/2016 8:30:00 PM	210600.000	68.540	15.383	154.392	41471.859	50804.031	33.387	34.547
24.113	1.025	14.782						
11/12/2016 8:45:00 PM	211500.000	68.560	15.382	154.437	41527.090	50873.160	33.438	34.594
24.081	1.025	14.782						
11/12/2016 9:00:00 PM	212400.000	68.572	15.382	154.464	41523.379	50868.387	33.434	34.591
24.083	1.025	14.783						
11/12/2016 9:15:00 PM	213300.000	68.575	15.382	154.472	41518.242	50861.566	33.429	34.586
24.086	1.025	14.783						
11/12/2016 9:30:00 PM	214200.000	68.582	15.380	154.489	41538.023	50887.906	33.448	34.604
24.074	1.025	14.784						
11/12/2016 9:45:00 PM	215100.000	68.589	15.380	154.504	41556.461	50910.496	33.465	34.619
24.064	1.025	14.790						
11/12/2016 10:00:00 PM	216000.000	68.592	15.380	154.509	41491.840	50832.281	33.407	34.566
24.101	1.025	14.788						
11/12/2016 10:15:00 PM	216900.000	68.586	15.379	154.496	41497.836	50839.836	33.413	34.571
24.098	1.025	14.797						
11/12/2016 10:30:00 PM	217800.000	68.574	15.379	154.471	41498.613	50841.305	33.414	34.572
24.097	1.025	14.797						
11/12/2016 10:45:00 PM	218700.000	68.570	15.378	154.461	41527.234	50877.324	33.440	34.597
24.081	1.025	14.798						
11/12/2016 11:00:00 PM	219600.000	68.572	15.379	154.465	41499.973	50842.660	33.415	34.573
24.096	1.025	14.801						
11/12/2016 11:15:00 PM	220500.000	68.567	15.378	154.454	41514.027	50860.828	33.428	34.585
24.088	1.025	14.793						
11/12/2016 11:30:00 PM	221400.000	68.543	15.379	154.399	41530.875	50880.828	33.443	34.599
24.078	1.025	14.795						
11/12/2016 11:45:00 PM	222300.000	68.546	15.378	154.407	41515.598	50863.285	33.430	34.587
24.087	1.025	14.801						
11/13/2016 12:00:00 AM	223200.000	68.532	15.379	154.374	41537.453	50889.215	33.449	34.605
24.075	1.025	14.792						
11/13/2016 12:15:00 AM	224100.000	68.535	15.379	154.382	41526.875	50876.148	33.440	34.596
24.081	1.025	14.794						
11/13/2016 12:30:00 AM	225000.000	68.510	15.379	154.325	41530.809	50881.074	33.443	34.599
24.079	1.025	14.793						

11/13/2016 12:45:00 AM	225900.000	68.498	15.379	154.299	41470.074	50806.441	33.388	34.548	24.114
1.025	14.795								
11/13/2016 1:00:00 AM	226800.000	68.457	15.380	154.205	41505.109	50847.484	33.419	34.576	24.093
1.025	14.792								
11/13/2016 1:15:00 AM	227700.000	68.489	15.380	154.279	41496.344	50836.848	33.411	34.569	24.099
1.025	14.792								
11/13/2016 1:30:00 AM	228600.000	68.468	15.380	154.230	41523.379	50870.285	33.435	34.592	24.083
1.025	14.795								
11/13/2016 1:45:00 AM	229500.000	68.435	15.380	154.156	41532.379	50880.992	33.443	34.599	24.078
1.025	14.799								
11/13/2016 2:00:00 AM	230400.000	68.444	15.381	154.177	41483.574	50820.051	33.399	34.558	24.106
1.025	14.799								
11/13/2016 2:15:00 AM	231300.000	68.444	15.382	154.177	41532.090	50878.324	33.441	34.597	24.078
1.025	14.794								
11/13/2016 2:30:00 AM	232200.000	68.425	15.382	154.135	41533.375	50879.898	33.443	34.598	24.077
1.025	14.796								
11/13/2016 2:45:00 AM	233100.000	68.417	15.383	154.117	41513.242	50854.398	33.424	34.581	24.089
1.025	14.801								
11/13/2016 3:00:00 AM	234000.000	68.396	15.383	154.069	41512.531	50853.742	33.423	34.581	24.089
1.025	14.796								
11/13/2016 3:15:00 AM	234900.000	68.419	15.384	154.120	41557.793	50908.031	33.463	34.617	24.063
1.025	14.796								
11/13/2016 3:30:00 AM	235800.000	68.415	15.384	154.112	41526.664	50869.898	33.435	34.592	24.081
1.025	14.790								
11/13/2016 3:45:00 AM	236700.000	68.404	15.384	154.087	41544.234	50891.617	33.451	34.606	24.071
1.025	14.795								
11/13/2016 4:00:00 AM	237600.000	68.413	15.385	154.108	41522.313	50863.719	33.431	34.587	24.083
1.025	14.788								
11/13/2016 4:15:00 AM	238500.000	68.411	15.384	154.102	41494.840	50831.223	33.407	34.565	24.099
1.025	14.791								
11/13/2016 4:30:00 AM	239400.000	68.414	15.385	154.110	41544.801	50891.066	33.451	34.606	24.070
1.025	14.793								
11/13/2016 4:45:00 AM	240300.000	68.419	15.385	154.121	41527.730	50870.359	33.436	34.592	24.080
1.025	14.796								
11/13/2016 5:00:00 AM	241200.000	68.432	15.385	154.150	41516.453	50856.344	33.425	34.582	24.087
1.025	14.797								
11/13/2016 5:15:00 AM	242100.000	68.432	15.385	154.149	41513.172	50852.414	33.423	34.580	24.089
1.025	14.798								
11/13/2016 5:30:00 AM	243000.000	68.457	15.385	154.207	41497.836	50833.113	33.408	34.567	24.098
1.025	14.792								
11/13/2016 5:45:00 AM	243900.000	68.462	15.386	154.217	41520.242	50859.922	33.428	34.585	24.085
1.025	14.796								
11/13/2016 6:00:00 AM	244800.000	68.467	15.384	154.229	41503.680	50841.633	33.415	34.572	24.094
1.025	14.801								
11/13/2016 6:15:00 AM	245700.000	68.481	15.384	154.259	41551.586	50900.734	33.458	34.613	24.066
1.025	14.800								
11/13/2016 6:30:00 AM	246600.000	68.497	15.384	154.295	41526.523	50869.414	33.435	34.591	24.081
1.025	14.803								
11/13/2016 6:45:00 AM	247500.000	68.515	15.383	154.336	41500.828	50839.090	33.413	34.571	24.096
1.025	14.805								
11/13/2016 7:00:00 AM	248400.000	68.537	15.382	154.385	41538.449	50886.324	33.447	34.603	24.074
1.025	14.810								
11/13/2016 7:15:00 AM	249300.000	68.545	15.382	154.405	41540.656	50888.816	33.449	34.604	24.073
1.025	14.807								
11/13/2016 7:30:00 AM	250200.000	68.569	15.380	154.457	41508.891	50852.219	33.422	34.580	24.091
1.025	14.818								
11/13/2016 7:45:00 AM	251100.000	68.600	15.379	154.529	41488.707	50828.543	33.405	34.563	24.103
1.025	14.813								
11/13/2016 8:00:00 AM	252000.000	68.606	15.378	154.542	41531.168	50882.879	33.444	34.600	24.078
1.025	14.811								
11/13/2016 8:15:00 AM	252900.000	68.646	15.376	154.631	41524.520	50876.098	33.439	34.596	24.082
1.025	14.820								
11/13/2016 8:30:00 AM	253800.000	68.684	15.375	154.718	41505.035	50853.488	33.423	34.580	24.093
1.025	14.811								
11/13/2016 8:45:00 AM	254700.000	68.684	15.374	154.717	41504.469	50854.164	33.423	34.581	24.094
1.025	14.818								
11/13/2016 9:00:00 AM	255600.000	68.704	15.373	154.762	41526.164	50882.426	33.444	34.600	24.081
1.025	14.816								
11/13/2016 9:15:00 AM	256500.000	68.696	15.370	154.745	41490.770	50842.316	33.414	34.573	24.102
1.025	14.813								
11/13/2016 9:30:00 AM	257400.000	68.743	15.369	154.851	41497.758	50852.363	33.421	34.580	24.098
1.025	14.813								
11/13/2016 9:45:00 AM	258300.000	68.740	15.369	154.843	41512.031	50869.949	33.434	34.592	24.089
1.025	14.815								
11/13/2016 10:00:00 AM	259200.000	68.725	15.367	154.811	41512.031	50872.367	33.436	34.593	24.089
1.025	14.824								
11/13/2016 10:15:00 AM	260100.000	68.759	15.366	154.886	41536.660	50903.824	33.459	34.615	24.075
1.025	14.810								
11/13/2016 10:30:00 AM	261000.000	68.742	15.366	154.848	41507.891	50867.828	33.432	34.590	24.092
1.025	14.816								
11/13/2016 10:45:00 AM	261900.000	68.738	15.366	154.839	41513.031	50874.953	33.438	34.595	24.089
1.025	14.817								
11/13/2016 11:00:00 AM	262800.000	68.750	15.364	154.866	41504.535	50866.867	33.432	34.589	24.094
1.025	14.812								
11/13/2016 11:15:00 AM	263700.000	68.741	15.363	154.846	41519.168	50885.965	33.445	34.602	24.085
1.025	14.816								
11/13/2016 11:30:00 AM	264600.000	68.715	15.363	154.788	41536.316	50906.547	33.461	34.616	24.075
1.025	14.811								
11/13/2016 11:45:00 AM	265500.000	68.726	15.362	154.812	41525.234	50893.922	33.451	34.608	24.082
1.025	14.810								
11/13/2016 12:00:00 PM	266400.000	68.690	15.363	154.731	41491.898	50852.445	33.421	34.580	24.101
1.025	14.804								
11/13/2016 12:15:00 PM	267300.000	68.682	15.362	154.713	41525.309	50893.902	33.451	34.608	24.082
1.025	14.799								
11/13/2016 12:30:00 PM	268200.000	68.660	15.364	154.664	41498.117	50858.793	33.426	34.584	24.097
1.025	14.803								
11/13/2016 12:45:00 PM	269100.000	68.664	15.363	154.671	41523.594	50890.438	33.449	34.605	24.083
1.025	14.805								
11/13/2016 1:00:00 PM	270000.000	68.622	15.364	154.577	41549.965	50922.445	33.472	34.627	24.067
1.025	14.802								
11/13/2016 1:15:00 PM	270900.000	68.626	15.364	154.588	41514.457	50878.820	33.440	34.598	24.088
1.025	14.805								
11/13/2016 1:30:00 PM	271800.000	68.605	15.365	154.540	41566.324	50940.594	33.486	34.640	24.058
1.025	14.803								
11/13/2016 1:45:00 PM	272700.000	68.568	15.365	154.456	41500.754	50860.555	33.427	34.585	24.096
1.025	14.796								
11/13/2016 2:00:00 PM	273600.000	68.541	15.366	154.396	41491.262	50848.277	33.418	34.577	24.101
1.025	14.801								
11/13/2016 2:15:00 PM	274500.000	68.519	15.367	154.346	41522.879	50885.563	33.445	34.602	24.083
1.025	14.797								
11/13/2016 2:30:00 PM	275400.000	68.519	15.368	154.346	41511.598	50869.848	33.434	34.591	24.090
1.025	14.800								
11/13/2016 2:45:00 PM	276300.000	68.496	15.369	154.294	41504.613	50860.016	33.427	34.585	24.094
1.025	14.795								
11/13/2016 3:00:00 PM	277200.000	68.472	15.370	154.239	41521.164	50879.461	33.441	34.598	24.084
1.025	14.802								
11/13/2016 3:15:00 PM	278100.000	68.444	15.372	154.177	41527.523	50885.563	33.446	34.602	24.080
1.025	14.801								
11/13/2016 3:30:00 PM	279000.000	68.432	15.373	154.149	41538.656	50897.734	33.455	34.610	24.074
1.025	14.802								
11/13/2016 3:45:00 PM	279900.000	68.421	15.373	154.125	41511.246	50863.637	33.430	34.587	24.090
1.025	14.805								
11/13/2016 4:00:00 PM	280800.000	68.402	15.375	154.083	41571.676	50935.875	33.483	34.636	24.055
1.025	14.801								
11/13/2016 4:15:00 PM	281700.000	68.379	15.375	154.030	41537.152	50893.473	33.452	34.608	24.075
1.025	14.803								
11/13/2016 4:30:00 PM	282600.000	68.382	15.376	154.037	41529.945	50883.273	33.445	34.601	24.079
1.025	14.801								
11/13/2016 4:45:00 PM	283500.000	68.361	15.376	153.991	41507.535	50855.289	33.424	34.582	24.092
1.025	14.807								
11/13/2016 5:00:00 PM	284400.000	68.364	15.377	153.997	41505.680	50852.070	33.422	34.579	24.093
1.025	14.801								
11/13/2016 5:15:00 PM	285300.000	68.354	15.378	153.973	41515.168	50862.648	33.430	34.587	

24.088	1.025	14.803						
11/13/2016 5:30:00 PM	286200.000	68.349	15.378	153.962	41524.598	50873.777	33.438	34.594
24.082	1.025	14.802						
11/13/2016 5:45:00 PM	287100.000	68.344	15.381	153.952	41526.590	50873.484	33.438	34.594
24.081	1.025	14.808						
11/13/2016 6:00:00 PM	288000.000	68.328	15.381	153.915	41507.965	50850.141	33.421	34.578
24.092	1.025	14.800						
11/13/2016 6:15:00 PM	288900.000	68.337	15.381	153.937	41492.633	50832.102	33.407	34.566
24.101	1.025	14.806						
11/13/2016 6:30:00 PM	289800.000	68.343	15.381	153.949	41529.164	50876.320	33.440	34.596
24.079	1.025	14.805						
11/13/2016 6:45:00 PM	290700.000	68.342	15.381	153.947	41561.109	50915.555	33.469	34.623
24.061	1.025	14.809						
11/13/2016 7:00:00 PM	291600.000	68.346	15.381	153.956	41542.367	50892.711	33.452	34.607
24.072	1.025	14.809						
11/13/2016 7:15:00 PM	292500.000	68.339	15.383	153.941	41526.590	50870.750	33.436	34.592
24.081	1.025	14.818						
11/13/2016 7:30:00 PM	293400.000	68.346	15.382	153.956	41554.520	50905.602	33.461	34.616
24.065	1.025	14.815						
11/13/2016 7:45:00 PM	294300.000	68.352	15.383	153.971	41513.461	50854.148	33.424	34.581
24.089	1.025	14.814						
11/13/2016 8:00:00 PM	295200.000	68.361	15.383	153.989	41532.945	50878.016	33.441	34.597
24.077	1.025	14.812						
11/13/2016 8:15:00 PM	296100.000	68.366	15.384	154.000	41525.230	50867.930	33.434	34.590
24.082	1.025	14.813						
11/13/2016 8:30:00 PM	297000.000	68.367	15.383	154.002	41545.441	50893.523	33.453	34.608
24.070	1.025	14.811						
11/13/2016 8:45:00 PM	297900.000	68.373	15.384	154.016	41530.020	50873.898	33.438	34.594
24.079	1.025	14.810						
11/13/2016 9:00:00 PM	298800.000	68.378	15.385	154.028	41544.734	50891.078	33.451	34.606
24.070	1.025	14.813						
11/13/2016 9:15:00 PM	299700.000	68.389	15.384	154.052	41499.195	50836.344	33.411	34.569
24.097	1.025	14.817						
11/13/2016 9:30:00 PM	300600.000	68.378	15.384	154.028	41530.379	50874.449	33.439	34.595
24.079	1.025	14.818						
11/13/2016 9:45:00 PM	301500.000	68.390	15.383	154.055	41554.742	50905.137	33.461	34.615
24.065	1.025	14.813						
11/13/2016 10:00:00 PM	302400.000	68.392	15.383	154.059	41518.168	50860.961	33.429	34.585
24.086	1.025	14.817						
11/13/2016 10:15:00 PM	303300.000	68.370	15.383	154.009	41510.180	50850.648	33.421	34.578
24.090	1.025	14.822						
11/13/2016 10:30:00 PM	304200.000	68.393	15.382	154.063	41547.941	50897.641	33.456	34.610
24.069	1.025	14.819						
11/13/2016 10:45:00 PM	305100.000	68.398	15.382	154.072	41509.465	50850.406	33.421	34.578
24.091	1.025	14.818						
11/13/2016 11:00:00 PM	306000.000	68.386	15.382	154.046	41552.223	50902.887	33.459	34.614
24.066	1.025	14.819						
11/13/2016 11:15:00 PM	306900.000	68.386	15.382	154.047	41505.113	50845.910	33.418	34.575
24.093	1.025	14.818						
11/13/2016 11:30:00 PM	307800.000	68.380	15.383	154.032	41532.445	50878.141	33.441	34.597
24.078	1.025	14.823						
11/13/2016 11:45:00 PM	308700.000	68.373	15.382	154.018	41558.438	50911.445	33.466	34.620
24.063	1.025	14.815						
11/14/2016 12:00:00 AM	309600.000	68.364	15.382	153.995	41509.957	50851.211	33.421	34.579
24.091	1.025	14.821						
11/14/2016 12:15:00 AM	310500.000	68.359	15.382	153.985	41520.238	50863.605	33.431	34.587
24.085	1.025	14.814						
11/14/2016 12:30:00 AM	311400.000	68.340	15.382	153.943	41543.660	50892.707	33.452	34.607
24.071	1.025	14.817						
11/14/2016 12:45:00 AM	312300.000	68.332	15.383	153.925	41546.582	50895.457	33.454	34.609
24.069	1.025	14.815						
11/14/2016 1:00:00 AM	313200.000	68.314	15.382	153.884	41508.887	50850.328	33.421	34.578
24.091	1.025	14.816						
11/14/2016 1:15:00 AM	314100.000	68.307	15.384	153.868	41532.301	50876.805	33.440	34.596
24.078	1.025	14.815						
11/14/2016 1:30:00 AM	315000.000	68.301	15.383	153.854	41527.520	50871.371	33.436	34.593
24.080	1.025	14.813						
11/14/2016 1:45:00 AM	315900.000	68.267	15.383	153.779	41533.664	50879.207	33.442	34.598
24.077	1.025	14.814						
11/14/2016 2:00:00 AM	316800.000	68.282	15.385	153.813	41543.805	50889.211	33.450	34.605
24.071	1.025	14.818						
11/14/2016 2:15:00 AM	317700.000	68.273	15.384	153.791	41538.656	50884.477	33.446	34.601
24.074	1.025	14.816						
11/14/2016 2:30:00 AM	318600.000	68.267	15.385	153.778	41525.375	50866.738	33.433	34.589
24.082	1.025	14.808						
11/14/2016 2:45:00 AM	319500.000	68.259	15.386	153.760	41531.734	50874.000	33.438	34.594
24.078	1.025	14.815						
11/14/2016 3:00:00 AM	320400.000	68.246	15.385	153.730	41550.434	50897.113	33.455	34.610
24.067	1.025	14.813						
11/14/2016 3:15:00 AM	321300.000	68.245	15.387	153.729	41518.523	50856.664	33.426	34.583
24.086	1.025	14.809						
11/14/2016 3:30:00 AM	322200.000	68.240	15.387	153.716	41547.871	50892.613	33.452	34.607
24.069	1.025	14.809						
11/14/2016 3:45:00 AM	323100.000	68.231	15.388	153.698	41517.523	50853.969	33.424	34.581
24.086	1.025	14.811						
11/14/2016 4:00:00 AM	324000.000	68.224	15.387	153.681	41512.891	50848.930	33.420	34.577
24.089	1.025	14.813						
11/14/2016 4:15:00 AM	324900.000	68.207	15.388	153.643	41542.090	50883.324	33.446	34.601
24.072	1.025	14.809						
11/14/2016 4:30:00 AM	325800.000	68.219	15.388	153.669	41552.016	50895.891	33.455	34.609
24.066	1.025	14.813						
11/14/2016 4:45:00 AM	326700.000	68.216	15.389	153.664	41525.234	50861.738	33.430	34.586
24.082	1.025	14.810						
11/14/2016 5:00:00 AM	327600.000	68.226	15.389	153.686	41528.094	50864.918	33.432	34.588
24.080	1.025	14.811						
11/14/2016 5:15:00 AM	328500.000	68.223	15.389	153.678	41550.660	50893.078	33.453	34.607
24.067	1.025	14.810						
11/14/2016 5:30:00 AM	329400.000	68.229	15.391	153.693	41494.129	50821.848	33.401	34.559
24.100	1.025	14.808						
11/14/2016 5:45:00 AM	330300.000	68.230	15.390	153.694	41545.652	50886.012	33.448	34.602
24.070	1.025	14.812						
11/14/2016 6:00:00 AM	331200.000	68.242	15.390	153.721	41531.086	50868.277	33.435	34.590
24.078	1.025	14.808						
11/14/2016 6:15:00 AM	332100.000	68.245	15.391	153.729	41528.164	50862.902	33.431	34.587
24.080	1.025	14.811						
11/14/2016 6:30:00 AM	333000.000	68.271	15.391	153.787	41557.793	50899.715	33.458	34.612
24.063	1.025	14.808						
11/14/2016 6:45:00 AM	333900.000	68.281	15.390	153.809	41509.746	50841.602	33.415	34.572
24.091	1.025	14.808						
11/14/2016 7:00:00 AM	334800.000	68.285	15.390	153.820	41539.012	50877.559	33.441	34.597
24.074	1.025	14.815						
11/14/2016 7:15:00 AM	335700.000	68.293	15.390	153.838	41545.723	50886.098	33.448	34.603
24.070	1.025	14.821						
11/14/2016 7:30:00 AM	336600.000	68.324	15.390	153.907	41551.094	50892.137	33.452	34.607
24.067	1.025	14.814						
11/14/2016 7:45:00 AM	337500.000	68.332	15.390	153.924	41494.488	50823.223	33.402	34.560
24.100	1.025	14.822						
11/14/2016 8:00:00 AM	338400.000	68.356	15.388	153.979	41526.379	50865.137	33.432	34.588
24.081	1.025	14.825						
11/14/2016 8:15:00 AM	339300.000	68.384	15.388	154.041	41530.020	50869.059	33.435	34.591
24.079	1.025	14.818						
11/14/2016 8:30:00 AM	340200.000	68.399	15.386	154.076	41514.176	50851.766	33.422	34.579
24.088	1.025	14.825						
11/14/2016 8:45:00 AM	341100.000	68.437	15.385	154.160	41552.875	50900.422	33.458	34.612
24.066	1.025	14.819						
11/14/2016 9:00:00 AM	342000.000	68.445	15.384	154.179	41550.016	50898.074	33.456	34.611
24.067	1.025	14.828						
11/14/2016 9:15:00 AM	342900.000	68.466	15.382	154.227	41553.793	50904.813	33.461	34.615
24.065	1.025	14.824						
11/14/2016 9:30:00 AM	343800.000	68.487	15.381	154.274	41548.160	50899.488	33.457	34.612
24.068	1.025	14.824						
11/14/2016 9:45:00 AM	344700.000	68.499	15.380	154.300	41527.379	50875.715	33.439	34.595
24.080	1.025	14.827						

11/14/2016 10:00:00 AM	345600.000	68.520	15.378	154.348	41556.867	50913.313	33.467	34.621	24.063
11/14/2016 10:15:00 AM	346500.000	68.544	15.378	154.402	41517.668	50866.023	33.432	34.589	24.086
11/14/2016 10:30:00 AM	347400.000	68.535	15.377	154.382	41535.313	50888.691	33.449	34.604	24.076
11/14/2016 10:45:00 AM	348300.000	68.535	15.375	154.383	41525.527	50879.129	33.441	34.598	24.082
11/14/2016 11:00:00 AM	349200.000	68.522	15.375	154.353	41503.320	50852.230	33.422	34.580	24.094
11/14/2016 11:15:00 AM	350100.000	68.516	15.373	154.340	41524.520	50880.410	33.442	34.599	24.082
11/14/2016 11:30:00 AM	351000.000	68.523	15.373	154.355	41541.156	50901.105	33.457	34.613	24.073
11/14/2016 11:45:00 AM	351900.000	68.514	15.371	154.334	41498.410	50850.430	33.420	34.578	24.097
11/14/2016 12:00:00 PM	352800.000	68.504	15.371	154.312	41495.055	50846.734	33.417	34.576	24.099
11/14/2016 12:15:00 PM	353700.000	68.493	15.371	154.287	41513.031	50868.961	33.434	34.591	24.089
11/14/2016 12:30:00 PM	354600.000	68.483	15.371	154.264	41546.375	50909.512	33.463	34.618	24.069
11/14/2016 12:45:00 PM	355500.000	68.444	15.371	154.177	41541.938	50903.871	33.459	34.615	24.072
11/14/2016 1:00:00 PM	356400.000	68.446	15.371	154.182	41545.383	50907.988	33.462	34.617	24.070
11/14/2016 1:15:00 PM	357300.000	68.400	15.371	154.078	41505.887	50859.359	33.427	34.584	24.093
11/14/2016 1:30:00 PM	358200.000	68.399	15.372	154.075	41496.129	50846.898	33.417	34.576	24.099
11/14/2016 1:45:00 PM	359100.000	68.381	15.372	154.035	41551.230	50914.414	33.467	34.622	24.067
11/14/2016 2:00:00 PM	360000.000	68.372	15.373	154.014	41521.734	50876.262	33.439	34.596	24.084
11/14/2016 2:15:00 PM	360900.000	68.354	15.374	153.974	41548.008	50908.148	33.463	34.618	24.069
11/14/2016 2:30:00 PM	361800.000	68.343	15.375	153.950	41547.945	50906.488	33.461	34.616	24.069
11/14/2016 2:45:00 PM	362700.000	68.321	15.376	153.900	41526.090	50878.547	33.441	34.597	24.081
11/14/2016 3:00:00 PM	363600.000	68.289	15.376	153.828	41558.004	50917.758	33.470	34.624	24.063
11/14/2016 3:15:00 PM	364500.000	68.286	15.377	153.821	41532.590	50885.043	33.446	34.602	24.077
11/14/2016 3:30:00 PM	365400.000	68.264	15.378	153.772	41539.297	50891.785	33.451	34.606	24.074
11/14/2016 3:45:00 PM	366300.000	68.251	15.378	153.741	41557.168	50913.898	33.467	34.621	24.063
11/14/2016 4:00:00 PM	367200.000	68.229	15.380	153.693	41522.523	50869.875	33.435	34.592	24.083
11/14/2016 4:15:00 PM	368100.000	68.206	15.381	153.640	41532.945	50881.172	33.443	34.599	24.077
11/14/2016 4:30:00 PM	369000.000	68.197	15.382	153.620	41527.375	50873.082	33.438	34.594	24.081
11/14/2016 4:45:00 PM	369900.000	68.181	15.383	153.583	41517.602	50860.066	33.428	34.585	24.086
11/14/2016 5:00:00 PM	370800.000	68.171	15.383	153.561	41541.586	50888.602	33.449	34.604	24.072
11/14/2016 5:15:00 PM	371700.000	68.155	15.385	153.526	41547.590	50894.367	33.453	34.608	24.069
11/14/2016 5:30:00 PM	372600.000	68.136	15.385	153.483	41561.160	50910.570	33.465	34.619	24.061
11/14/2016 5:45:00 PM	373500.000	68.145	15.386	153.503	41519.242	50858.180	33.427	34.584	24.085
11/14/2016 6:00:00 PM	374400.000	68.132	15.386	153.473	41565.363	50914.141	33.468	34.622	24.058
11/14/2016 6:15:00 PM	375300.000	68.102	15.388	153.406	41527.090	50865.160	33.432	34.588	24.081
11/14/2016 6:30:00 PM	376200.000	68.120	15.389	153.446	41512.387	50846.195	33.418	34.575	24.089
11/14/2016 6:45:00 PM	377100.000	68.117	15.389	153.441	41551.809	50894.383	33.454	34.608	24.066
11/14/2016 7:00:00 PM	378000.000	68.123	15.389	153.453	41540.871	50880.570	33.444	34.599	24.073
11/14/2016 7:15:00 PM	378900.000	68.117	15.391	153.441	41550.656	50890.863	33.451	34.606	24.067
11/14/2016 7:30:00 PM	379800.000	68.098	15.390	153.397	41546.578	50886.410	33.448	34.603	24.069
11/14/2016 7:45:00 PM	380700.000	68.121	15.392	153.449	41536.867	50873.020	33.438	34.594	24.075
11/14/2016 8:00:00 PM	381600.000	68.122	15.392	153.452	41562.082	50904.023	33.461	34.615	24.060
11/14/2016 8:15:00 PM	382500.000	68.128	15.392	153.466	41548.367	50886.164	33.448	34.603	24.068
11/14/2016 8:30:00 PM	383400.000	68.132	15.393	153.473	41531.723	50865.262	33.433	34.588	24.078
11/14/2016 8:45:00 PM	384300.000	68.139	15.393	153.490	41504.969	50831.969	33.408	34.566	24.094
11/14/2016 9:00:00 PM	385200.000	68.147	15.393	153.509	41558.586	50897.535	33.456	34.610	24.062
11/14/2016 9:15:00 PM	386100.000	68.154	15.394	153.523	41554.438	50892.246	33.452	34.607	24.065
11/14/2016 9:30:00 PM	387000.000	68.156	15.394	153.529	41487.352	50809.965	33.392	34.551	24.104
11/14/2016 9:45:00 PM	387900.000	68.167	15.394	153.552	41561.586	50900.680	33.459	34.612	24.061
11/14/2016 10:00:00 PM	388800.000	68.170	15.395	153.559	41514.457	50841.691	33.415	34.572	24.088
11/14/2016 10:15:00 PM	389700.000	68.173	15.394	153.566	41527.234	50858.074	33.427	34.583	24.081
11/14/2016 10:30:00 PM	390600.000	68.177	15.394	153.575	41562.234	50901.367	33.459	34.613	24.060
11/14/2016 10:45:00 PM	391500.000	68.179	15.393	153.580	41548.652	50885.777	33.448	34.602	24.068
11/14/2016 11:00:00 PM	392400.000	68.195	15.394	153.615	41541.148	50875.969	33.441	34.596	24.073
11/14/2016 11:15:00 PM	393300.000	68.188	15.393	153.599	41569.305	50910.660	33.466	34.619	24.056
11/14/2016 11:30:00 PM	394200.000	68.183	15.393	153.590	41564.516	50905.203	33.462	34.616	24.059
11/14/2016 11:45:00 PM	395100.000	68.184	15.394	153.590	41556.145	50894.016	33.454	34.608	24.064
11/15/2016 12:00:00 AM	396000.000	68.184	15.393	153.590	41614.543	50966.375	33.507	34.657	24.030
11/15/2016 12:15:00 AM	396900.000	68.183	15.393	153.588	41553.004	50890.906	33.451	34.606	24.066
11/15/2016 12:30:00 AM	397800.000	68.174	15.393	153.569	41558.711	50898.316	33.457	34.611	24.062
11/15/2016 12:45:00 AM	398700.000	68.169	15.392	153.557	41549.152	50887.234	33.449	34.603	24.068
11/15/2016 1:00:00 AM	399600.000	68.168	15.392	153.554	41538.656	50874.379	33.439	34.595	24.074
11/15/2016 1:15:00 AM	400500.000	68.158	15.393	153.532	41532.445	50865.828	33.433	34.589	24.078
11/15/2016 1:30:00 AM	401400.000	68.142	15.393	153.497	41564.793	50905.762	33.462	34.616	24.059
11/15/2016 1:45:00 AM	402300.000	68.143	15.393	153.499	41561.723	50902.211	33.460	34.614	24.061
11/15/2016 2:00:00 AM	403200.000	68.131	15.393	153.471	41523.809	50855.988	33.426	34.582	24.083
11/15/2016 2:15:00 AM	404100.000	68.141	15.393	153.493	41550.016	50887.348	33.449	34.603	24.067
11/15/2016 2:30:00 AM	405000.000	68.138	15.394	153.487	41581.172	50925.094	33.477	34.629	

24.049	1.025	14.801							
11/15/2016 2:45:00 AM	405900.000	68.121	15.393	153.450	41525.879	50857.578	33.427	34.583	
24.081	1.025	14.807							
11/15/2016 3:00:00 AM	406800.000	68.114	15.394	153.433	41565.145	50905.141	33.462	34.615	
24.059	1.025	14.804							
11/15/2016 3:15:00 AM	407700.000	68.102	15.394	153.407	41545.434	50880.582	33.444	34.599	
24.070	1.025	14.802							
11/15/2016 3:30:00 AM	408600.000	68.098	15.395	153.398	41538.648	50871.852	33.438	34.593	
24.074	1.025	14.807							
11/15/2016 3:45:00 AM	409500.000	68.099	15.395	153.400	41558.727	50895.801	33.455	34.609	
24.062	1.025	14.795							
11/15/2016 4:00:00 AM	410400.000	68.090	15.395	153.379	41539.875	50872.938	33.438	34.594	
24.073	1.025	14.797							
11/15/2016 4:15:00 AM	411300.000	68.087	15.396	153.373	41543.152	50876.098	33.441	34.596	
24.071	1.025	14.799							
11/15/2016 4:30:00 AM	412200.000	68.084	15.396	153.365	41556.434	50892.055	33.453	34.607	
24.064	1.025	14.798							
11/15/2016 4:45:00 AM	413100.000	68.081	15.397	153.359	41561.852	50897.426	33.457	34.610	
24.061	1.025	14.799							
11/15/2016 5:00:00 AM	414000.000	68.077	15.397	153.349	41555.793	50889.906	33.451	34.605	
24.064	1.025	14.801							
11/15/2016 5:15:00 AM	414900.000	68.086	15.396	153.371	41560.730	50896.684	33.456	34.610	
24.061	1.025	14.795							
11/15/2016 5:30:00 AM	415800.000	68.078	15.397	153.353	41559.211	50893.984	33.454	34.608	
24.062	1.025	14.799							
11/15/2016 5:45:00 AM	416700.000	68.080	15.397	153.357	41551.574	50884.840	33.447	34.602	
24.066	1.025	14.801							
11/15/2016 6:00:00 AM	417600.000	68.100	15.398	153.402	41527.309	50854.383	33.425	34.581	
24.081	1.025	14.795							
11/15/2016 6:15:00 AM	418500.000	68.093	15.398	153.385	41554.293	50887.430	33.449	34.603	
24.065	1.025	14.800							
11/15/2016 6:30:00 AM	419400.000	68.105	15.398	153.412	41533.797	50861.512	33.430	34.586	
24.077	1.025	14.800							
11/15/2016 6:45:00 AM	420300.000	68.111	15.398	153.427	41529.152	50855.598	33.426	34.582	
24.079	1.025	14.800							
11/15/2016 7:00:00 AM	421200.000	68.129	15.397	153.467	41573.914	50911.785	33.467	34.620	
24.054	1.025	14.798							
11/15/2016 7:15:00 AM	422100.000	68.140	15.397	153.491	41541.301	50871.633	33.438	34.593	
24.072	1.025	14.795							
11/15/2016 7:30:00 AM	423000.000	68.155	15.397	153.525	41546.797	50879.211	33.443	34.598	
24.069	1.025	14.798							
11/15/2016 7:45:00 AM	423900.000	68.175	15.397	153.572	41594.375	50936.941	33.486	34.637	
24.042	1.025	14.793							
11/15/2016 8:00:00 AM	424800.000	68.202	15.396	153.632	41569.852	50907.852	33.464	34.617	
24.056	1.025	14.792							
11/15/2016 8:15:00 AM	425700.000	68.221	15.396	153.675	41547.281	50880.211	33.444	34.599	
24.069	1.025	14.796							
11/15/2016 8:30:00 AM	426600.000	68.243	15.396	153.723	41522.379	50850.457	33.422	34.578	
24.083	1.025	14.789							
11/15/2016 8:45:00 AM	427500.000	68.274	15.395	153.794	41532.793	50863.941	33.432	34.587	
24.077	1.025	14.801							
11/15/2016 9:00:00 AM	428400.000	68.291	15.393	153.832	41568.789	50910.559	33.466	34.619	
24.057	1.025	14.797							
11/15/2016 9:15:00 AM	429300.000	68.323	15.392	153.903	41513.742	50843.867	33.417	34.574	
24.088	1.025	14.800							
11/15/2016 9:30:00 AM	430200.000	68.352	15.391	153.970	41571.793	50916.859	33.470	34.623	
24.055	1.025	14.798							
11/15/2016 9:45:00 AM	431100.000	68.377	15.389	154.027	41549.082	50891.570	33.452	34.606	
24.068	1.025	14.799							
11/15/2016 10:00:00 AM	432000.000	68.401	15.388	154.079	41553.953	50898.910	33.457	34.611	
24.065	1.025	14.802							
11/15/2016 10:15:00 AM	432900.000	68.426	15.385	154.136	41569.227	50920.453	33.473	34.626	
24.056	1.025	14.801							
11/15/2016 10:30:00 AM	433800.000	68.448	15.383	154.186	41526.664	50871.168	33.436	34.592	
24.081	1.025	14.797							
11/15/2016 10:45:00 AM	434700.000	68.459	15.382	154.211	41533.875	50881.145	33.443	34.599	
24.077	1.025	14.802							
11/15/2016 11:00:00 AM	435600.000	68.479	15.380	154.256	41495.699	50836.902	33.411	34.569	
24.099	1.025	14.796							
11/15/2016 11:15:00 AM	436500.000	68.489	15.379	154.277	41534.449	50885.629	33.446	34.602	
24.076	1.025	14.793							
11/15/2016 11:30:00 AM	437400.000	68.495	15.377	154.292	41528.801	50880.086	33.442	34.598	
24.080	1.025	14.790							
11/15/2016 11:45:00 AM	438300.000	68.505	15.375	154.314	41549.094	50908.313	33.463	34.618	
24.068	1.025	14.787							
11/15/2016 12:00:00 PM	439200.000	68.498	15.373	154.298	41510.742	50863.020	33.429	34.587	
24.090	1.025	14.787							
11/15/2016 12:15:00 PM	440100.000	68.491	15.373	154.283	41545.367	50905.547	33.461	34.616	
24.070	1.025	14.782							
11/15/2016 12:30:00 PM	441000.000	68.467	15.372	154.229	41517.953	50873.320	33.437	34.594	
24.086	1.025	14.778							
11/15/2016 12:45:00 PM	441900.000	68.479	15.370	154.256	41543.441	50906.344	33.461	34.616	
24.071	1.025	14.775							
11/15/2016 1:00:00 PM	442800.000	68.447	15.370	154.182	41526.234	50885.457	33.446	34.602	
24.081	1.025	14.773							
11/15/2016 1:15:00 PM	443700.000	68.464	15.370	154.222	41524.953	50883.887	33.445	34.601	
24.082	1.025	14.768							
11/15/2016 1:30:00 PM	444600.000	68.445	15.371	154.178	41487.570	50837.027	33.410	34.569	
24.104	1.025	14.766							
11/15/2016 1:45:00 PM	445500.000	68.416	15.370	154.114	41534.520	50896.254	33.454	34.609	
24.076	1.025	14.768							
11/15/2016 2:00:00 PM	446400.000	68.384	15.370	154.042	41505.035	50859.898	33.427	34.585	
24.093	1.025	14.771							
11/15/2016 2:15:00 PM	447300.000	68.396	15.370	154.068	41525.090	50884.371	33.445	34.601	
24.082	1.025	14.762							
11/15/2016 2:30:00 PM	448200.000	68.372	15.371	154.015	41513.957	50869.152	33.434	34.591	
24.088	1.025	14.764							
11/15/2016 2:45:00 PM	449100.000	68.359	15.372	153.985	41543.871	50905.180	33.460	34.616	
24.071	1.025	14.764							
11/15/2016 3:00:00 PM	450000.000	68.348	15.371	153.961	41520.379	50877.117	33.440	34.596	
24.085	1.025	14.766							
11/15/2016 3:15:00 PM	450900.000	68.345	15.372	153.954	41541.086	50901.137	33.457	34.613	
24.073	1.025	14.759							
11/15/2016 3:30:00 PM	451800.000	68.320	15.373	153.898	41488.129	50835.086	33.409	34.568	
24.103	1.025	14.762							
11/15/2016 3:45:00 PM	452700.000	68.305	15.374	153.863	41528.516	50883.418	33.445	34.601	
24.080	1.025	14.763							
11/15/2016 4:00:00 PM	453600.000	68.273	15.376	153.791	41515.102	50865.313	33.431	34.588	
24.088	1.025	14.765							
11/15/2016 4:15:00 PM	454500.000	68.262	15.376	153.768	41549.219	50907.113	33.462	34.617	
24.068	1.025	14.767							
11/15/2016 4:30:00 PM	455400.000	68.250	15.377	153.740	41527.590	50879.652	33.442	34.598	
24.080	1.025	14.767							
11/15/2016 4:45:00 PM	456300.000	68.239	15.378	153.715	41562.434	50920.668	33.472	34.626	
24.060	1.025	14.765							
11/15/2016 5:00:00 PM	457200.000	68.229	15.379	153.692	41508.750	50854.051	33.423	34.581	
24.091	1.025	14.760							
11/15/2016 5:15:00 PM	458100.000	68.199	15.379	153.625	41536.375	50886.945	33.447	34.603	
24.075	1.025	14.769							
11/15/2016 5:30:00 PM	459000.000	68.179	15.380	153.581	41523.953	50870.570	33.436	34.592	
24.082	1.025	14.768							
11/15/2016 5:45:00 PM	459900.000	68.180	15.382	153.581	41525.520	50871.012	33.436	34.592	
24.082	1.025	14.766							
11/15/2016 6:00:00 PM	460800.000	68.174	15.383	153.568	41533.297	50879.184	33.442	34.598	
24.077	1.025	14.764							
11/15/2016 6:15:00 PM	461700.000	68.160	15.382	153.536	41528.809	50874.410	33.439	34.595	
24.080	1.025	14.769							
11/15/2016 6:30:00 PM	462600.000	68.156	15.383	153.529	41546.504	50894.707	33.453	34.608	
24.069	1.025	14.764							
11/15/2016 6:45:00 PM	463500.000	68.142	15.384	153.496	41511.246	50851.207	33.422	34.579	
24.090	1.025	14.772							
11/15/2016 7:00:00 PM	464400.000	68.145	15.386	153.503	41515.457	50854.059	33.424	34.581	
24.087	1.025	14.767							

11/15/2016 7:15:00 PM	465300.000	68.141	15.386	153.495	41564.363	50913.559	33.468	34.621	24.059
11/15/2016 7:30:00 PM	466200.000	68.131	15.387	153.473	41527.234	50866.910	33.433	34.590	24.081
11/15/2016 7:45:00 PM	467100.000	68.135	15.386	153.482	41566.082	50915.129	33.469	34.622	24.058
11/15/2016 8:00:00 PM	468000.000	68.133	15.388	153.477	41543.074	50885.367	33.447	34.602	24.071
11/15/2016 8:15:00 PM	468900.000	68.129	15.389	153.468	41532.016	50870.043	33.436	34.592	24.078
11/15/2016 8:30:00 PM	469800.000	68.132	15.388	153.475	41535.512	50875.270	33.440	34.595	24.076
11/15/2016 8:45:00 PM	470700.000	68.134	15.389	153.478	41563.500	50908.703	33.464	34.618	24.060
11/15/2016 9:00:00 PM	471600.000	68.149	15.391	153.512	41560.207	50902.883	33.460	34.614	24.061
11/15/2016 9:15:00 PM	472500.000	68.142	15.390	153.496	41573.367	50920.266	33.473	34.626	24.054
11/15/2016 9:30:00 PM	473400.000	68.158	15.392	153.533	41537.367	50873.852	33.439	34.594	24.075
11/15/2016 9:45:00 PM	474300.000	68.156	15.391	153.529	41563.223	50905.840	33.462	34.616	24.060
11/15/2016 10:00:00 PM	475200.000	68.169	15.391	153.557	41523.164	50857.410	33.427	34.583	24.083
11/15/2016 10:15:00 PM	476100.000	68.176	15.390	153.573	41569.859	50914.922	33.469	34.622	24.056
11/15/2016 10:30:00 PM	477000.000	68.188	15.391	153.600	41542.652	50880.863	33.444	34.599	24.072
11/15/2016 10:45:00 PM	477900.000	68.190	15.390	153.605	41571.781	50918.012	33.471	34.624	24.055
11/15/2016 11:00:00 PM	478800.000	68.199	15.392	153.624	41558.645	50899.598	33.458	34.612	24.062
11/15/2016 11:15:00 PM	479700.000	68.209	15.390	153.646	41585.227	50933.941	33.483	34.635	24.047
11/15/2016 11:30:00 PM	480600.000	68.224	15.389	153.682	41552.582	50894.914	33.454	34.609	24.066
11/15/2016 11:45:00 PM	481500.000	68.224	15.389	153.681	41545.297	50886.617	33.448	34.603	24.070
11/16/2016 12:00:00 AM	482400.000	68.238	15.390	153.713	41547.648	50888.652	33.450	34.604	24.069
11/16/2016 12:15:00 AM	483300.000	68.234	15.388	153.704	41530.445	50869.063	33.435	34.591	24.079
11/16/2016 12:30:00 AM	484200.000	68.252	15.388	153.745	41528.797	50867.352	33.434	34.590	24.080
11/16/2016 12:45:00 AM	485100.000	68.253	15.388	153.746	41539.379	50880.742	33.444	34.599	24.074
11/16/2016 1:00:00 AM	486000.000	68.258	15.387	153.759	41589.012	50942.480	33.489	34.641	24.045
11/16/2016 1:15:00 AM	486900.000	68.233	15.387	153.702	41532.082	50872.637	33.438	34.593	24.078
11/16/2016 1:30:00 AM	487800.000	68.254	15.387	153.748	41562.152	50909.680	33.465	34.619	24.060
11/16/2016 1:45:00 AM	488700.000	68.268	15.386	153.781	41552.652	50898.789	33.457	34.611	24.066
11/16/2016 2:00:00 AM	489600.000	68.252	15.386	153.743	41541.715	50885.707	33.447	34.602	24.072
11/16/2016 2:15:00 AM	490500.000	68.253	15.385	153.746	41537.793	50881.629	33.444	34.600	24.074
11/16/2016 2:30:00 AM	491400.000	68.253	15.385	153.747	41555.289	50904.008	33.460	34.615	24.064
11/16/2016 2:45:00 AM	492300.000	68.258	15.385	153.757	41551.660	50899.355	33.457	34.612	24.066
11/16/2016 3:00:00 AM	493200.000	68.267	15.385	153.777	41541.359	50885.891	33.447	34.602	24.072
11/16/2016 3:15:00 AM	494100.000	68.249	15.385	153.737	41567.152	50918.219	33.471	34.624	24.057
11/16/2016 3:30:00 AM	495000.000	68.246	15.385	153.732	41562.500	50912.633	33.467	34.621	24.060
11/16/2016 3:45:00 AM	495900.000	68.259	15.385	153.759	41554.145	50901.879	33.459	34.613	24.065
11/16/2016 4:00:00 AM	496800.000	68.248	15.385	153.735	41553.078	50900.980	33.458	34.613	24.066
11/16/2016 4:15:00 AM	497700.000	68.253	15.384	153.746	41529.371	50872.574	33.437	34.593	24.079
11/16/2016 4:30:00 AM	498600.000	68.238	15.385	153.713	41537.438	50881.934	33.444	34.600	24.075
11/16/2016 4:45:00 AM	499500.000	68.242	15.384	153.721	41546.008	50892.859	33.452	34.607	24.070
11/16/2016 5:00:00 AM	500400.000	68.235	15.384	153.707	41559.227	50909.359	33.464	34.618	24.062
11/16/2016 5:15:00 AM	501300.000	68.248	15.385	153.735	41557.508	50906.406	33.462	34.616	24.063
11/16/2016 5:30:00 AM	502200.000	68.238	15.384	153.712	41560.012	50911.059	33.466	34.620	24.062
11/16/2016 5:45:00 AM	503100.000	68.246	15.385	153.731	41551.723	50899.746	33.457	34.612	24.066
11/16/2016 6:00:00 AM	504000.000	68.253	15.385	153.746	41554.012	50901.816	33.459	34.613	24.065
11/16/2016 6:15:00 AM	504900.000	68.251	15.384	153.741	41551.008	50899.406	33.457	34.612	24.067
11/16/2016 6:30:00 AM	505800.000	68.232	15.384	153.699	41607.328	50968.172	33.507	34.658	24.034
11/16/2016 6:45:00 AM	506700.000	68.253	15.385	153.746	41555.133	50903.188	33.460	34.614	24.064
11/16/2016 7:00:00 AM	507600.000	68.276	15.385	153.798	41526.660	50869.047	33.435	34.591	24.081
11/16/2016 7:15:00 AM	508500.000	68.294	15.384	153.838	41505.039	50842.770	33.415	34.573	24.093
11/16/2016 7:30:00 AM	509400.000	68.291	15.384	153.833	41532.945	50876.953	33.441	34.596	24.077
11/16/2016 7:45:00 AM	510300.000	68.324	15.383	153.905	41581.582	50937.680	33.485	34.638	24.049
11/16/2016 8:00:00 AM	511200.000	68.334	15.383	153.930	41564.238	50916.871	33.470	34.623	24.059
11/16/2016 8:15:00 AM	512100.000	68.353	15.382	153.971	41531.086	50876.992	33.440	34.596	24.078
11/16/2016 8:30:00 AM	513000.000	68.373	15.382	154.017	41562.367	50915.949	33.469	34.623	24.060
11/16/2016 8:45:00 AM	513900.000	68.396	15.381	154.069	41533.586	50881.426	33.444	34.599	24.077
11/16/2016 9:00:00 AM	514800.000	68.433	15.379	154.152	41529.871	50879.391	33.442	34.598	24.079
11/16/2016 9:15:00 AM	515700.000	68.460	15.378	154.213	41557.793	50915.398	33.468	34.622	24.063
11/16/2016 9:30:00 AM	516600.000	68.461	15.376	154.214	41535.871	50890.422	33.450	34.605	24.076
11/16/2016 9:45:00 AM	517500.000	68.500	15.376	154.302	41537.656	50892.828	33.452	34.607	24.075
11/16/2016 10:00:00 AM	518400.000	68.523	15.375	154.354	41549.223	50908.363	33.463	34.618	24.068
11/16/2016 10:15:00 AM	519300.000	68.547	15.372	154.408	41535.082	50893.988	33.452	34.608	24.076
11/16/2016 10:30:00 AM	520200.000	68.551	15.371	154.418	41529.875	50889.293	33.449	34.605	24.079
11/16/2016 10:45:00 AM	521100.000	68.599	15.369	154.526	41535.797	50898.230	33.455	34.611	24.076
11/16/2016 11:00:00 AM	522000.000	68.625	15.367	154.585	41512.887	50873.316	33.436	34.594	24.089
11/16/2016 11:15:00 AM	522900.000	68.646	15.365	154.632	41538.230	50905.949	33.460	34.616	24.074
11/16/2016 11:30:00 AM	523800.000	68.661	15.364	154.665	41562.855	50937.828	33.484	34.638	24.060
11/16/2016 11:45:00 AM	524700.000	68.640	15.361	154.618	41539.734	50913.055	33.465	34.621	

24.073	1.025	14.777						
11/16/2016 12:00:00 PM	525600.000	68.657	15.360	154.657	41529.160	50900.941	33.456	34.613
24.079	1.025	14.775						
11/16/2016 12:15:00 PM	526500.000	68.675	15.359	154.697	41547.227	50924.457	33.473	34.629
24.069	1.025	14.766						
11/16/2016 12:30:00 PM	527400.000	68.683	15.358	154.714	41509.035	50879.434	33.440	34.598
24.091	1.025	14.773						
11/16/2016 12:45:00 PM	528300.000	68.672	15.356	154.690	41572.762	50959.234	33.499	34.652
24.054	1.025	14.769						
11/16/2016 1:00:00 PM	529200.000	68.671	15.356	154.688	41527.586	50904.273	33.458	34.615
24.080	1.025	14.764						
11/16/2016 1:15:00 PM	530100.000	68.643	15.354	154.624	41515.527	50891.184	33.449	34.606
24.087	1.025	14.766						
11/16/2016 1:30:00 PM	531000.000	68.647	15.354	154.635	41580.824	50971.535	33.508	34.661
24.050	1.025	14.755						
11/16/2016 1:45:00 PM	531900.000	68.634	15.354	154.606	41509.531	50884.879	33.444	34.602
24.091	1.025	14.756						
11/16/2016 2:00:00 PM	532800.000	68.613	15.354	154.558	41525.453	50903.660	33.458	34.614
24.082	1.025	14.755						
11/16/2016 2:15:00 PM	533700.000	68.607	15.353	154.544	41538.656	50921.117	33.471	34.626
24.074	1.025	14.758						
11/16/2016 2:30:00 PM	534600.000	68.584	15.353	154.492	41489.277	50860.785	33.426	34.585
24.103	1.025	14.754						
11/16/2016 2:45:00 PM	535500.000	68.587	15.354	154.499	41554.859	50940.344	33.485	34.639
24.065	1.025	14.752						
11/16/2016 3:00:00 PM	536400.000	68.564	15.353	154.447	41531.309	50912.004	33.464	34.620
24.078	1.025	14.754						
11/16/2016 3:15:00 PM	537300.000	68.541	15.355	154.396	41540.715	50921.426	33.471	34.627
24.073	1.025	14.756						
11/16/2016 3:30:00 PM	538200.000	68.516	15.355	154.340	41514.027	50889.234	33.447	34.605
24.088	1.025	14.755						
11/16/2016 3:45:00 PM	539100.000	68.486	15.355	154.271	41496.832	50867.418	33.431	34.590
24.098	1.025	14.755						
11/16/2016 4:00:00 PM	540000.000	68.485	15.357	154.268	41533.090	50910.297	33.463	34.619
24.077	1.025	14.755						
11/16/2016 4:15:00 PM	540900.000	68.493	15.358	154.286	41532.801	50908.566	33.462	34.618
24.077	1.025	14.756						
11/16/2016 4:30:00 PM	541800.000	68.452	15.358	154.196	41515.598	50886.941	33.446	34.603
24.087	1.025	14.756						
11/16/2016 4:45:00 PM	542700.000	68.446	15.358	154.181	41551.727	50931.125	33.478	34.633
24.066	1.025	14.756						
11/16/2016 5:00:00 PM	543600.000	68.437	15.360	154.161	41554.875	50932.883	33.480	34.634
24.065	1.025	14.754						
11/16/2016 5:15:00 PM	544500.000	68.406	15.360	154.092	41533.297	50905.910	33.460	34.616
24.077	1.025	14.757						
11/16/2016 5:30:00 PM	545400.000	68.402	15.362	154.081	41501.262	50864.656	33.430	34.588
24.096	1.025	14.761						
11/16/2016 5:45:00 PM	546300.000	68.373	15.364	154.017	41527.309	50893.934	33.451	34.608
24.081	1.025	14.761						
11/16/2016 6:00:00 PM	547200.000	68.364	15.364	153.996	41529.875	50897.406	33.454	34.610
24.079	1.025	14.769						
11/16/2016 6:15:00 PM	548100.000	68.359	15.364	153.984	41529.020	50895.930	33.453	34.609
24.080	1.025	14.765						
11/16/2016 6:30:00 PM	549000.000	68.338	15.365	153.937	41551.715	50922.582	33.473	34.627
24.066	1.025	14.767						
11/16/2016 6:45:00 PM	549900.000	68.330	15.366	153.921	41535.156	50901.242	33.457	34.613
24.076	1.025	14.767						
11/16/2016 7:00:00 PM	550800.000	68.325	15.367	153.909	41533.738	50898.461	33.455	34.611
24.077	1.025	14.768						
11/16/2016 7:15:00 PM	551700.000	68.321	15.368	153.899	41494.266	50849.016	33.419	34.577
24.100	1.025	14.763						
11/16/2016 7:30:00 PM	552600.000	68.306	15.369	153.866	41567.996	50937.895	33.484	34.638
24.057	1.025	14.771						
11/16/2016 7:45:00 PM	553500.000	68.290	15.369	153.830	41530.086	50892.074	33.450	34.607
24.079	1.025	14.772						
11/16/2016 8:00:00 PM	554400.000	68.268	15.370	153.780	41550.875	50915.453	33.468	34.623
24.067	1.025	14.772						
11/16/2016 8:15:00 PM	555300.000	68.296	15.371	153.844	41538.863	50899.566	33.456	34.612
24.074	1.025	14.765						
11/16/2016 8:30:00 PM	556200.000	68.275	15.372	153.796	41550.934	50913.941	33.467	34.621
24.067	1.025	14.773						
11/16/2016 8:45:00 PM	557100.000	68.288	15.371	153.826	41532.230	50891.543	33.450	34.606
24.078	1.025	14.769						
11/16/2016 9:00:00 PM	558000.000	68.286	15.373	153.820	41574.574	50941.234	33.487	34.640
24.053	1.025	14.773						
11/16/2016 9:15:00 PM	558900.000	68.280	15.373	153.808	41520.313	50874.520	33.438	34.595
24.085	1.025	14.774						
11/16/2016 9:30:00 PM	559800.000	68.276	15.374	153.799	41525.805	50880.207	33.442	34.599
24.081	1.025	14.776						
11/16/2016 9:45:00 PM	560700.000	68.286	15.374	153.820	41576.746	50942.621	33.488	34.641
24.052	1.025	14.773						
11/16/2016 10:00:00 PM	561600.000	68.283	15.374	153.815	41527.945	50882.723	33.444	34.600
24.080	1.025	14.778						
11/16/2016 10:15:00 PM	562500.000	68.281	15.375	153.809	41517.168	50868.262	33.433	34.590
24.086	1.025	14.778						
11/16/2016 10:30:00 PM	563400.000	68.301	15.375	153.854	41562.297	50924.074	33.474	34.628
24.060	1.025	14.775						
11/16/2016 10:45:00 PM	564300.000	68.295	15.376	153.842	41509.820	50858.305	33.426	34.584
24.091	1.025	14.774						
11/16/2016 11:00:00 PM	565200.000	68.312	15.376	153.880	41529.516	50882.117	33.444	34.600
24.079	1.025	14.772						
11/16/2016 11:15:00 PM	566100.000	68.313	15.377	153.881	41561.719	50921.465	33.473	34.627
24.061	1.025	14.773						
11/16/2016 11:30:00 PM	567000.000	68.331	15.377	153.922	41565.078	50925.480	33.476	34.629
24.059	1.025	14.773						
11/16/2016 11:45:00 PM	567900.000	68.353	15.376	153.971	41538.293	50893.500	33.452	34.608
24.074	1.025	14.774						

Report Date: 11/18/2016 8:36:18 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-1S LT Test_2016-11-17_08-41-01-121.wsl
Create Date: 11/17/2016 8:40:58 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

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

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

Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:15:00 AM
11/10/2016 10:45:56 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:39:36 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper
Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:30:00 AM

Log Data:
Record Count: 714
Sensors: 1
1 - 421436: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft
Elapsed Time SN#: 421436 SN#: 421436
SN#: 421436 SN#: 421436 SN#: 421436
SN#: 421436 SN#: 421436 SN#: 421436
SN#: 421436
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)
Salinity (PSU) Total Dissolved Solids (ppm) Resistivity (ohm-cm)
Water Density (g/cm3)
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11/10/2016 12:00:00 AM 7200.000 20.008
14.556 45.069 40916.367
51111.934 33.545 34756.113
24.440 1.025
11/10/2016 12:15:00 AM 8100.000 20.009
14.556 45.072 40911.695
51106.535 33.541 34752.445
24.443 1.025
11/10/2016 12:30:00 AM 9000.000 19.996
14.556 45.042 40907.480
51101.273 33.537 34748.867
24.445 1.025
11/10/2016 12:45:00 AM 9900.000 19.985
14.555 45.018 40932.055
51133.281 33.561 34770.633
24.431 1.025
11/10/2016 1:00:00 AM 10800.000 19.993
14.556 45.037 40955.273
51161.078 33.581 34789.535
24.417 1.025
11/10/2016 1:15:00 AM 11700.000 19.987
14.555 45.022 40908.207
51102.828 33.539 34749.922
24.445 1.025
11/10/2016 1:30:00 AM 12600.000 19.985
14.555 45.018 40915.570

51112.570	33.546	34756.551	
24.441	1.025		
11/10/2016 1:45:00 AM	13500.000	19.981	
14.553	45.009	40916.078	
51115.160	33.547	34758.309	
24.440	1.025		
11/10/2016 2:00:00 AM	14400.000	19.970	
14.555	44.984	40904.500	
51098.973	33.536	34747.305	
24.447	1.025		
11/10/2016 2:15:00 AM	15300.000	19.962	
14.555	44.967	40938.609	
51141.238	33.567	34776.043	
24.427	1.025		
11/10/2016 2:30:00 AM	16200.000	19.965	
14.555	44.974	40933.172	
51134.559	33.562	34771.504	
24.430	1.025		
11/10/2016 2:45:00 AM	17100.000	19.960	
14.555	44.962	40859.590	
51042.422	33.494	34708.852	
24.474	1.025		
11/10/2016 3:00:00 AM	18000.000	19.950	
14.555	44.940	40918.992	
51116.629	33.549	34759.313	
24.439	1.025		
11/10/2016 3:15:00 AM	18900.000	19.952	
14.555	44.945	40914.027	
51110.641	33.544	34755.238	
24.441	1.025		
11/10/2016 3:30:00 AM	19800.000	19.941	
14.554	44.919	40918.191	
51116.820	33.549	34759.438	
24.439	1.025		
11/10/2016 3:45:00 AM	20700.000	19.929	
14.555	44.892	40918.625	
51116.273	33.548	34759.066	
24.439	1.025		
11/10/2016 4:00:00 AM	21600.000	19.934	
14.554	44.904	40906.836	
51102.949	33.538	34750.004	
24.446	1.025		
11/10/2016 4:15:00 AM	22500.000	19.933	
14.555	44.902	40928.086	
51128.641	33.557	34767.480	
24.433	1.025		
11/10/2016 4:30:00 AM	23400.000	19.929	
14.554	44.893	40928.777	
51129.730	33.558	34768.219	
24.433	1.025		
11/10/2016 4:45:00 AM	24300.000	19.930	
14.555	44.894	40911.617	
51107.203	33.542	34752.898	
24.443	1.025		
11/10/2016 5:00:00 AM	25200.000	19.924	
14.556	44.880	40913.012	
51108.516	33.543	34753.793	

24.442	1.025		
11/10/2016 5:15:00 AM	26100.000	19.933	
14.555	44.900	40919.492	
51117.469	33.549	34759.879	
24.438	1.025		
11/10/2016 5:30:00 AM	27000.000	19.931	
14.556	44.896	40895.410	
51085.664	33.526	34738.250	
24.453	1.025		
11/10/2016 5:45:00 AM	27900.000	19.928	
14.555	44.889	40914.461	
51110.867	33.544	34755.395	
24.441	1.025		
11/10/2016 6:00:00 AM	28800.000	19.933	
14.554	44.902	40899.469	
51093.328	33.531	34743.465	
24.450	1.025		
11/10/2016 6:15:00 AM	29700.000	19.934	
14.555	44.902	40914.535	
51111.398	33.545	34755.754	
24.441	1.025		
11/10/2016 6:30:00 AM	30600.000	19.940	
14.556	44.917	40956.930	
51163.480	33.583	34791.168	
24.416	1.025		
11/10/2016 6:45:00 AM	31500.000	19.948	
14.555	44.935	40912.191	
51108.578	33.543	34753.832	
24.443	1.025		
11/10/2016 7:00:00 AM	32400.000	19.958	
14.555	44.958	40923.203	
51121.992	33.553	34762.953	
24.436	1.025		
11/10/2016 7:15:00 AM	33300.000	19.957	
14.554	44.956	40910.824	
51107.617	33.542	34753.180	
24.443	1.025		
11/10/2016 7:30:00 AM	34200.000	19.965	
14.555	44.974	40906.156	
51100.930	33.537	34748.633	
24.446	1.025		
11/10/2016 7:45:00 AM	35100.000	19.979	
14.555	45.004	40910.469	
51106.195	33.541	34752.215	
24.444	1.025		
11/10/2016 8:00:00 AM	36000.000	19.989	
14.554	45.028	40900.406	
51094.715	33.532	34744.406	
24.450	1.025		
11/10/2016 8:15:00 AM	36900.000	20.003	
14.554	45.058	40891.207	
51083.223	33.524	34736.590	
24.455	1.025		
11/10/2016 8:30:00 AM	37800.000	20.014	
14.553	45.082	40901.191	
51097.090	33.534	34746.020	
24.449	1.025		

11/10/2016 8:45:00 AM	38700.000	20.017	14.553	45.090
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11/10/2016 9:00:00 AM	39600.000	20.024	14.553	45.106
40923.598	51125.199	33.555	34765.137	24.436
1.025				
11/10/2016 9:15:00 AM	40500.000	20.027	14.553	45.113
40921.258	51122.055	33.552	34762.996	24.437
1.025				
11/10/2016 9:30:00 AM	41400.000	20.030	14.551	45.119
40899.145	51096.383	33.533	34745.539	24.450
1.025				
11/10/2016 9:45:00 AM	42300.000	20.030	14.551	45.119
40933.828	51139.715	33.565	34775.008	24.430
1.025				
11/10/2016 10:00:00 AM	43200.000	20.033	14.551	45.126
40922.156	51125.133	33.555	34765.090	24.437
1.025				
11/10/2016 10:15:00 AM	44100.000	20.033	14.552	45.127
40887.531	51081.449	33.523	34735.391	24.457
1.025				
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40894.145	51089.598	33.529	34740.930	24.453
1.025				
11/10/2016 10:45:00 AM	45900.000	20.019	14.550	45.094
40922.414	51126.750	33.556	34766.195	24.436
1.025				
11/10/2016 11:00:00 AM	46800.000	20.001	14.551	45.055
40904.246	51103.406	33.539	34750.316	24.447
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11/10/2016 11:15:00 AM	47700.000	19.993	14.552	45.036
40940.895	51148.117	33.571	34780.719	24.425
1.025				
11/10/2016 11:30:00 AM	48600.000	19.974	14.552	44.994
40932.371	51137.680	33.564	34773.625	24.431
1.025				
11/10/2016 11:45:00 AM	49500.000	19.972	14.551	44.988
40933.383	51140.137	33.565	34775.297	24.430
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11/10/2016 12:00:00 PM	50400.000	19.955	14.551	44.952
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1.025				
11/10/2016 12:15:00 PM	51300.000	19.946		

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51156.332	33.577	34786.305
24.422	1.025	
11/10/2016 12:30:00 PM	52200.000	19.934
14.550	44.904	40909.027
51110.023	33.543	34754.816
24.444	1.025	
11/10/2016 12:45:00 PM	53100.000	19.927
14.551	44.887	40928.133
51133.461	33.561	34770.754
24.433	1.025	
11/10/2016 1:00:00 PM	54000.000	19.923
14.551	44.878	40927.449
51132.723	33.560	34770.254
24.433	1.025	
11/10/2016 1:15:00 PM	54900.000	19.910
14.550	44.849	40962.328
51176.617	33.592	34800.102
24.413	1.025	
11/10/2016 1:30:00 PM	55800.000	19.900
14.550	44.827	40925.762
51130.930	33.559	34769.031
24.434	1.025	
11/10/2016 1:45:00 PM	56700.000	19.897
14.551	44.821	40925.574
51129.832	33.558	34768.289
24.435	1.025	
11/10/2016 2:00:00 PM	57600.000	19.886
14.550	44.796	40918.703
51121.887	33.552	34762.887
24.439	1.025	
11/10/2016 2:15:00 PM	58500.000	19.882
14.551	44.786	40914.027
51115.086	33.547	34758.258
24.441	1.025	
11/10/2016 2:30:00 PM	59400.000	19.871
14.551	44.762	40904.211
51103.027	33.538	34750.063
24.447	1.025	
11/10/2016 2:45:00 PM	60300.000	19.863
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51130.707	33.559	34768.883
24.434	1.025	
11/10/2016 3:00:00 PM	61200.000	19.858
14.551	44.733	40951.672
51162.008	33.582	34790.164
24.419	1.025	
11/10/2016 3:15:00 PM	62100.000	19.853
14.551	44.721	40914.176
51115.160	33.547	34758.309
24.441	1.025	
11/10/2016 3:30:00 PM	63000.000	19.844
14.552	44.702	40906.402
51104.688	33.540	34751.191
24.446	1.025	
11/10/2016 3:45:00 PM	63900.000	19.838
14.551	44.688	40932.344

51138.512	33.564	34774.188	24.431	1.025	
11/10/2016 4:00:00 PM	64800.000	19.834	14.551	44.678	40922.414
51125.453	33.555	34765.309	24.436	1.025	
11/10/2016 4:15:00 PM	65700.000	19.835	14.552	44.680	40920.648
51122.590	33.553	34763.367	24.438	1.025	
11/10/2016 4:30:00 PM	66600.000	19.829	14.552	44.667	40918.059
51119.250	33.550	34761.094	24.439	1.025	
11/10/2016 4:45:00 PM	67500.000	19.819	14.552	44.644	40915.250
51115.641	33.548	34758.637	24.441	1.025	
11/10/2016 5:00:00 PM	68400.000	19.808	14.552	44.619	40902.305
51100.117	33.536	34748.082	24.448	1.025	
11/10/2016 5:15:00 PM	69300.000	19.806	14.552	44.615	40940.625
51147.117	33.571	34780.039	24.426	1.025	
11/10/2016 5:30:00 PM	70200.000	19.803	14.552	44.608	40921.113
51123.293	33.553	34763.840	24.437	1.025	
11/10/2016 5:45:00 PM	71100.000	19.802	14.553	44.606	40883.188
51074.824	33.518	34730.879	24.460	1.025	
11/10/2016 6:00:00 PM	72000.000	19.796	14.552	44.592	40902.129
51099.453	33.536	34747.633	24.449	1.025	
11/10/2016 6:15:00 PM	72900.000	19.796	14.552	44.593	40927.184
51130.652	33.559	34768.844	24.434	1.025	
11/10/2016 6:30:00 PM	73800.000	19.790	14.554	44.579	40952.000
51159.371	33.580	34788.371	24.419	1.025	
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51115.938	33.548	34758.840	24.440	1.025	
11/10/2016 7:00:00 PM	75600.000	19.786	14.553	44.569	40894.293
51088.145	33.528	34739.941	24.453	1.025	
11/10/2016 7:15:00 PM	76500.000	19.781	14.553	44.559	40929.789
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51135.922	33.563	34772.426	
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51123.797	33.554	34764.188	
24.436	1.025		
11/10/2016 8:00:00 PM	79200.000	19.778	
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51121.445	33.552	34762.586	
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51136.367	33.563	34772.730	
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11/10/2016 8:45:00 PM	81900.000	19.767	
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51101.637	33.538	34749.113	
24.446	1.025		
11/10/2016 9:00:00 PM	82800.000	19.758	
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51153.102	33.575	34784.109	
24.422	1.025		
11/10/2016 9:15:00 PM	83700.000	19.758	
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51149.320	33.572	34781.539	
24.424	1.025		
11/10/2016 9:30:00 PM	84600.000	19.753	
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24.451	1.025		
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51116.426	33.548	34759.172	
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51122.945	33.553	34763.602	
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51107.441	33.542	34753.059	
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11/10/2016 10:30:00 PM	88200.000	19.725	
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51098.051	33.535	34746.676	
24.448	1.025		
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24.441	1.025		

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51152.891	33.575	34783.965	24.421	1.025	
11/10/2016 11:15:00 PM	90900.000	19.708	14.555	44.393	40905.285
51100.156	33.537	34748.109	24.447	1.025	
11/10/2016 11:30:00 PM	91800.000	19.702	14.555	44.381	40913.125
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11/10/2016 11:45:00 PM	92700.000	19.695	14.555	44.364	40882.977
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11/11/2016 12:00:00 AM	93600.000	19.687	14.555	44.347	40930.180
51130.168	33.559	34768.516	24.432	1.025	
11/11/2016 12:15:00 AM	94500.000	19.681	14.555	44.333	40922.344
51120.605	33.552	34762.012	24.437	1.025	
11/11/2016 12:30:00 AM	95400.000	19.673	14.556	44.316	40926.113
51124.020	33.554	34764.332	24.434	1.025	
11/11/2016 12:45:00 AM	96300.000	19.680	14.555	44.331	40948.004
51152.660	33.575	34783.809	24.421	1.025	
11/11/2016 1:00:00 AM	97200.000	19.677	14.556	44.325	40931.078
51130.313	33.559	34768.617	24.431	1.025	
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11/11/2016 1:45:00 AM	99900.000	19.657	14.556	44.279	40945.227
51147.781	33.572	34780.496	24.423	1.025	
11/11/2016 2:00:00 AM	100800.000	19.649	14.556	44.261	40921.176
51118.379	33.550	34760.500	24.437	1.025	
11/11/2016 2:15:00 AM	101700.000	19.644	14.557	44.251	40879.855
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51137.984	33.564	34773.832
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14.558	44.206	40932.629
51130.527	33.559	34768.762
24.430	1.025	
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14.558	44.189	40910.469
51102.520	33.539	34749.719
24.444	1.025	
11/11/2016 3:30:00 AM	106200.000	19.612
14.558	44.179	40890.086
51076.734	33.520	34732.180
24.456	1.025	
11/11/2016 3:45:00 AM	107100.000	19.609
14.558	44.171	40904.500
51094.637	33.533	34744.355
24.447	1.025	
11/11/2016 4:00:00 AM	108000.000	19.603
14.559	44.158	40902.484
51091.457	33.530	34742.191
24.448	1.025	
11/11/2016 4:15:00 AM	108900.000	19.597
14.559	44.144	40921.367
51114.516	33.547	34757.875
24.437	1.025	
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14.559	44.128	40921.977
51115.805	33.548	34758.746
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11/11/2016 4:45:00 AM	110700.000	19.586
14.561	44.119	40912.695
51101.625	33.538	34749.105
24.442	1.025	
11/11/2016 5:00:00 AM	111600.000	19.588
14.560	44.125	40922.984
51115.133	33.548	34758.289
24.436	1.025	
11/11/2016 5:15:00 AM	112500.000	19.586
14.560	44.119	40937.484
51133.457	33.561	34770.750
24.427	1.025	
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14.561	44.096	40930.508
51123.441	33.554	34763.941
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14.561	44.107	40901.656
51087.402	33.528	34739.438
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11/11/2016 6:00:00 AM	115200.000	19.586
14.562	44.120	40903.676

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11/11/2016 6:15:00 AM	116100.000	19.577	
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24.421	1.025		
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24.456	1.025		
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24.423	1.025		
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14.563	44.160	40950.344	
51146.707	33.571	34779.762	
24.420	1.025		
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14.563	44.178	40891.453	
51072.941	33.517	34729.602	
24.455	1.025		
11/11/2016 8:15:00 AM	123300.000	19.624	
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51137.906	33.565	34773.781	
24.425	1.025		
11/11/2016 8:30:00 AM	124200.000	19.636	
14.562	44.233	40905.285	
51090.645	33.530	34741.637	
24.447	1.025		
11/11/2016 8:45:00 AM	125100.000	19.657	
14.561	44.280	40923.957	
51115.047	33.548	34758.230	
24.436	1.025		
11/11/2016 9:00:00 AM	126000.000	19.667	
14.562	44.301	40900.262	
51084.898	33.526	34737.730	
24.450	1.025		
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24.423	1.025		
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51130.145	33.559	34768.500	

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24.435	1.025		
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51133.125	33.561	34770.527	
24.427	1.025		
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14.561	44.379	40902.672	
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24.448	1.025		
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51109.586	33.544	34754.520	
24.438	1.025		
11/11/2016 11:00:00 AM	133200.000	19.701	
14.560	44.379	40908.559	
51097.875	33.535	34746.555	
24.445	1.025		
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51142.070	33.568	34776.609	
24.423	1.025		
11/11/2016 11:30:00 AM	135000.000	19.708	
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51121.074	33.552	34762.332	
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11/11/2016 11:45:00 AM	135900.000	19.704	
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51142.359	33.568	34776.805	
24.423	1.025		
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24.437	1.025		
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51137.359	33.564	34773.406	
24.426	1.025		
11/11/2016 12:30:00 PM	138600.000	19.690	
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51119.813	33.551	34761.477	
24.434	1.025		
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51125.555	33.556	34765.383	
24.431	1.025		
11/11/2016 1:00:00 PM	140400.000	19.680	
14.561	44.332	40934.926	
51129.719	33.559	34768.211	
24.429	1.025		

11/11/2016 1:15:00 PM	141300.000	19.670	14.561	44.308	40945.621
51142.957	33.568	34777.215	24.423	1.025	
11/11/2016 1:30:00 PM	142200.000	19.659	14.559	44.283	40931.715
51127.332	33.557	34766.586	24.431	1.025	
11/11/2016 1:45:00 PM	143100.000	19.642	14.560	44.246	40928.957
51123.020	33.554	34763.652	24.433	1.025	
11/11/2016 2:00:00 PM	144000.000	19.635	14.560	44.231	40901.586
51089.043	33.529	34740.551	24.449	1.025	
11/11/2016 2:15:00 PM	144900.000	19.628	14.560	44.214	40916.039
51106.555	33.542	34752.461	24.440	1.025	
11/11/2016 2:30:00 PM	145800.000	19.620	14.560	44.195	40930.758
51125.918	33.556	34765.625	24.432	1.025	
11/11/2016 2:45:00 PM	146700.000	19.608	14.561	44.168	40945.461
51142.551	33.568	34776.938	24.423	1.025	
11/11/2016 3:00:00 PM	147600.000	19.605	14.561	44.162	40956.246
51156.352	33.578	34786.324	24.416	1.025	
11/11/2016 3:15:00 PM	148500.000	19.600	14.561	44.151	40908.059
51096.160	33.534	34745.391	24.445	1.025	
11/11/2016 3:30:00 PM	149400.000	19.591	14.561	44.130	40938.234
51132.879	33.561	34770.363	24.427	1.025	
11/11/2016 3:45:00 PM	150300.000	19.586	14.561	44.120	40915.281
51104.211	33.540	34750.867	24.441	1.025	
11/11/2016 4:00:00 PM	151200.000	19.576	14.562	44.097	40922.945
51113.129	33.547	34756.930	24.436	1.025	
11/11/2016 4:15:00 PM	152100.000	19.576	14.562	44.097	40907.305
51093.594	33.532	34743.645	24.446	1.025	
11/11/2016 4:30:00 PM	153000.000	19.567	14.562	44.077	40913.488
51101.527	33.538	34749.043	24.442	1.025	
11/11/2016 4:45:00 PM	153900.000	19.572			

14.561	44.087	40935.887
51131.145	33.560	34769.180
24.428	1.025	
11/11/2016 5:00:00 PM	154800.000	19.566
14.562	44.073	40938.023
51132.398	33.561	34770.035
24.427	1.025	
11/11/2016 5:15:00 PM	155700.000	19.570
14.562	44.084	40945.824
51141.379	33.567	34776.137
24.423	1.025	
11/11/2016 5:30:00 PM	156600.000	19.563
14.563	44.067	40910.184
51095.895	33.534	34745.207
24.444	1.025	
11/11/2016 5:45:00 PM	157500.000	19.569
14.563	44.080	40916.727
51104.402	33.540	34750.996
24.440	1.025	
11/11/2016 6:00:00 PM	158400.000	19.564
14.562	44.070	40942.617
51137.168	33.564	34773.273
24.424	1.025	
11/11/2016 6:15:00 PM	159300.000	19.566
14.564	44.073	40941.652
51134.445	33.562	34771.422
24.425	1.025	
11/11/2016 6:30:00 PM	160200.000	19.569
14.563	44.080	40929.313
51120.121	33.552	34761.684
24.432	1.025	
11/11/2016 6:45:00 PM	161100.000	19.564
14.563	44.071	40941.688
51135.027	33.563	34771.820
24.425	1.025	
11/11/2016 7:00:00 PM	162000.000	19.576
14.564	44.096	40935.504
51126.648	33.557	34766.121
24.429	1.025	
11/11/2016 7:15:00 PM	162900.000	19.576
14.563	44.096	40913.883
51100.191	33.537	34748.129
24.442	1.025	
11/11/2016 7:30:00 PM	163800.000	19.581
14.564	44.107	40894.582
51075.422	33.519	34731.289
24.453	1.025	
11/11/2016 7:45:00 PM	164700.000	19.589
14.563	44.127	40963.184
51161.766	33.582	34790.000
24.412	1.025	
11/11/2016 8:00:00 PM	165600.000	19.597
14.564	44.144	40916.652
51103.219	33.540	34750.191
24.440	1.025	
11/11/2016 8:15:00 PM	166500.000	19.598
14.564	44.147	40923.730

51111.828	33.546	34756.047	
24.436	1.025		
11/11/2016 8:30:00 PM	167400.000	19.608	
14.564	44.170	40955.203	
51150.820	33.574	34782.559	
24.417	1.025		
11/11/2016 8:45:00 PM	168300.000	19.615	
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24.434	1.025		
11/11/2016 9:00:00 PM	169200.000	19.620	
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51110.574	33.545	34755.191	
24.437	1.025		
11/11/2016 9:15:00 PM	170100.000	19.628	
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51127.047	33.557	34766.391	
24.428	1.025		
11/11/2016 9:30:00 PM	171000.000	19.631	
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51127.570	33.557	34766.750	
24.428	1.025		
11/11/2016 9:45:00 PM	171900.000	19.629	
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51156.426	33.578	34786.375	
24.415	1.025		
11/11/2016 10:00:00 PM	172800.000	19.640	
14.563	44.240	40938.051	
51130.801	33.560	34768.949	
24.427	1.025		
11/11/2016 10:15:00 PM	173700.000	19.641	
14.563	44.242	40931.254	
51122.750	33.554	34763.469	
24.431	1.025		
11/11/2016 10:30:00 PM	174600.000	19.639	
14.563	44.238	40940.242	
51133.879	33.562	34771.043	
24.426	1.025		
11/11/2016 10:45:00 PM	175500.000	19.642	
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51107.438	33.543	34753.059	
24.438	1.025		
11/11/2016 11:00:00 PM	176400.000	19.643	
14.564	44.247	40933.613	
51124.520	33.555	34764.676	
24.430	1.025		
11/11/2016 11:15:00 PM	177300.000	19.643	
14.562	44.249	40919.203	
51107.926	33.543	34753.391	
24.438	1.025		
11/11/2016 11:30:00 PM	178200.000	19.644	
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51157.176	33.579	34786.879	
24.415	1.025		
11/11/2016 11:45:00 PM	179100.000	19.643	
14.564	44.247	40915.180	
51101.496	33.538	34749.020	

24.441	1.025		
11/12/2016 12:00:00 AM	180000.000	19.646	
14.562	44.255	40942.828	
51137.863	33.565	34773.746	
24.424	1.025		
11/12/2016 12:15:00 AM	180900.000	19.639	
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24.412	1.025		
11/12/2016 12:30:00 AM	181800.000	19.639	
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51084.820	33.526	34737.684	
24.449	1.025		
11/12/2016 12:45:00 AM	182700.000	19.635	
14.562	44.231	40893.684	
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24.454	1.025		
11/12/2016 1:00:00 AM	183600.000	19.641	
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51168.418	33.587	34794.523	
24.410	1.025		
11/12/2016 1:15:00 AM	184500.000	19.643	
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24.415	1.025		
11/12/2016 1:30:00 AM	185400.000	19.633	
14.562	44.226	40911.004	
51097.891	33.535	34746.566	
24.443	1.025		
11/12/2016 1:45:00 AM	186300.000	19.629	
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51138.609	33.565	34774.254	
24.424	1.025		
11/12/2016 2:00:00 AM	187200.000	19.623	
14.562	44.203	40928.301	
51120.027	33.552	34761.621	
24.433	1.025		
11/12/2016 2:15:00 AM	188100.000	19.620	
14.562	44.195	40950.223	
51146.984	33.571	34779.949	
24.420	1.025		
11/12/2016 2:30:00 AM	189000.000	19.616	
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51156.918	33.579	34786.703	
24.415	1.025		
11/12/2016 2:45:00 AM	189900.000	19.610	
14.563	44.174	40923.730	
51113.254	33.547	34757.016	
24.436	1.025		
11/12/2016 3:00:00 AM	190800.000	19.614	
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51156.055	33.578	34786.117	
24.416	1.025		
11/12/2016 3:15:00 AM	191700.000	19.606	
14.563	44.163	40954.531	
51151.727	33.575	34783.176	
24.417	1.025		

11/12/2016 3:30:00 AM	192600.000	19.599	14.562	44.150
40917.082	51106.137	33.542	34752.176	24.440
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11/12/2016 3:45:00 AM	193500.000	19.597	14.563	44.144
40951.906	51148.445	33.573	34780.945	24.419
1.025				
11/12/2016 4:00:00 AM	194400.000	19.587	14.563	44.121
40924.160	51114.004	33.547	34757.527	24.435
1.025				
11/12/2016 4:15:00 AM	195300.000	19.589	14.563	44.126
40934.816	51126.445	33.557	34765.988	24.429
1.025				
11/12/2016 4:30:00 AM	196200.000	19.589	14.562	44.127
40937.270	51130.695	33.560	34768.875	24.428
1.025				
11/12/2016 4:45:00 AM	197100.000	19.586	14.564	44.119
40933.953	51124.711	33.555	34764.805	24.430
1.025				
11/12/2016 5:00:00 AM	198000.000	19.591	14.564	44.130
40921.535	51108.887	33.544	34754.043	24.437
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11/12/2016 5:15:00 AM	198900.000	19.606	14.563	44.163
40913.734	51100.664	33.538	34748.453	24.442
1.025				
11/12/2016 5:30:00 AM	199800.000	19.613	14.562	44.181
40939.457	51133.652	33.562	34770.887	24.426
1.025				
11/12/2016 5:45:00 AM	200700.000	19.630	14.563	44.219
40933.570	51125.320	33.556	34765.219	24.430
1.025				
11/12/2016 6:00:00 AM	201600.000	19.645	14.562	44.253
40973.047	51175.379	33.592	34799.258	24.406
1.025				
11/12/2016 6:15:00 AM	202500.000	19.652	14.563	44.269
40957.652	51155.184	33.578	34785.527	24.415
1.025				
11/12/2016 6:30:00 AM	203400.000	19.662	14.563	44.291
40897.922	51080.914	33.523	34735.023	24.451
1.025				
11/12/2016 6:45:00 AM	204300.000	19.684	14.562	44.339
40950.324	51147.426	33.572	34780.250	24.420
1.025				
11/12/2016 7:00:00 AM	205200.000	19.692		

14.562	44.357	40930.496
51122.461	33.553	34763.273
24.432	1.025	
11/12/2016 7:15:00 AM	206100.000	19.704
14.563	44.385	40941.719
51135.281	33.563	34771.996
24.425	1.025	
11/12/2016 7:30:00 AM	207000.000	19.723
14.561	44.428	40938.477
51133.180	33.561	34770.566
24.427	1.025	
11/12/2016 7:45:00 AM	207900.000	19.736
14.562	44.457	40956.188
51154.750	33.577	34785.234
24.416	1.025	
11/12/2016 8:00:00 AM	208800.000	19.757
14.561	44.504	40959.188
51159.160	33.580	34788.230
24.415	1.025	
11/12/2016 8:15:00 AM	209700.000	19.764
14.562	44.521	40948.734
51145.879	33.571	34779.203
24.421	1.025	
11/12/2016 8:30:00 AM	210600.000	19.789
14.561	44.577	40960.289
51161.516	33.582	34789.832
24.414	1.025	
11/12/2016 8:45:00 AM	211500.000	19.809
14.561	44.622	40907.441
51095.270	33.533	34744.785
24.445	1.025	
11/12/2016 9:00:00 AM	212400.000	19.832
14.561	44.673	40951.469
51150.496	33.574	34782.336
24.419	1.025	
11/12/2016 9:15:00 AM	213300.000	19.856
14.559	44.729	40909.742
51100.207	33.537	34748.141
24.444	1.025	
11/12/2016 9:30:00 AM	214200.000	19.879
14.559	44.779	40937.008
51134.805	33.562	34771.672
24.428	1.025	
11/12/2016 9:45:00 AM	215100.000	19.889
14.557	44.803	40917.262
51112.531	33.546	34756.527
24.440	1.025	
11/12/2016 10:00:00 AM	216000.000	19.906
14.557	44.839	40910.070
51102.891	33.539	34749.965
24.444	1.025	
11/12/2016 10:15:00 AM	216900.000	19.924
14.557	44.880	40917.148
51112.047	33.545	34756.191
24.440	1.025	
11/12/2016 10:30:00 AM	217800.000	19.933
14.555	44.902	40918.305

51115.332	33.548	34758.426	
24.439	1.025		
11/12/2016 10:45:00 AM	218700.000	19.956	
14.555	44.954	40922.625	
51121.715	33.552	34762.770	
24.436	1.025		
11/12/2016 11:00:00 AM	219600.000	19.958	
14.554	44.958	40936.398	
51139.137	33.565	34774.617	
24.428	1.025		
11/12/2016 11:15:00 AM	220500.000	19.968	
14.554	44.979	40958.883	
51167.766	33.586	34794.082	
24.415	1.025		
11/12/2016 11:30:00 AM	221400.000	19.983	
14.554	45.013	40938.793	
51142.453	33.567	34776.871	
24.427	1.025		
11/12/2016 11:45:00 AM	222300.000	19.987	
14.553	45.023	40943.520	
51150.305	33.573	34782.207	
24.424	1.025		
11/12/2016 12:00:00 PM	223200.000	19.987	
14.553	45.022	40915.789	
51115.109	33.547	34758.273	
24.440	1.025		
11/12/2016 12:15:00 PM	224100.000	19.992	
14.551	45.035	40911.434	
51111.734	33.545	34755.980	
24.443	1.025		
11/12/2016 12:30:00 PM	225000.000	19.991	
14.551	45.032	40925.863	
51129.969	33.558	34768.379	
24.434	1.025		
11/12/2016 12:45:00 PM	225900.000	19.999	
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51121.219	33.552	34762.434	
24.440	1.025		
11/12/2016 1:00:00 PM	226800.000	19.989	
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51150.766	33.573	34782.520	
24.425	1.025		
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51157.551	33.578	34787.141	
24.422	1.025		
11/12/2016 1:30:00 PM	228600.000	19.984	
14.550	45.016	40927.719	
51134.355	33.561	34771.367	
24.433	1.025		
11/12/2016 1:45:00 PM	229500.000	19.981	
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51176.848	33.592	34800.258	
24.413	1.025		
11/12/2016 2:00:00 PM	230400.000	19.971	
14.549	44.987	40934.813	
51143.535	33.568	34777.605	

24.429	1.025		
11/12/2016 2:15:00 PM	231300.000	19.968	
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51135.391	33.562	34772.066	
24.433	1.025		
11/12/2016 2:30:00 PM	232200.000	19.961	
14.548	44.964	40948.879	
51162.094	33.581	34790.227	
24.421	1.025		
11/12/2016 2:45:00 PM	233100.000	19.958	
14.549	44.958	40915.641	
51119.922	33.551	34761.547	
24.441	1.025		
11/12/2016 3:00:00 PM	234000.000	19.946	
14.548	44.930	40961.375	
51177.922	33.593	34800.992	
24.413	1.025		
11/12/2016 3:15:00 PM	234900.000	19.937	
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51195.992	33.606	34813.273	
24.404	1.025		
11/12/2016 3:30:00 PM	235800.000	19.931	
14.548	44.898	40913.813	
51119.043	33.550	34760.953	
24.442	1.025		
11/12/2016 3:45:00 PM	236700.000	19.928	
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51123.773	33.553	34764.168	
24.440	1.025		
11/12/2016 4:00:00 PM	237600.000	19.921	
14.548	44.874	40924.352	
51131.984	33.559	34769.754	
24.435	1.025		
11/12/2016 4:15:00 PM	238500.000	19.919	
14.548	44.870	40932.727	
51142.676	33.567	34777.020	
24.430	1.025		
11/12/2016 4:30:00 PM	239400.000	19.906	
14.546	44.840	40938.555	
51151.793	33.574	34783.223	
24.427	1.025		
11/12/2016 4:45:00 PM	240300.000	19.898	
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51117.742	33.549	34760.066	
24.443	1.025		
11/12/2016 5:00:00 PM	241200.000	19.893	
14.548	44.811	40908.988	
51112.254	33.545	34756.332	
24.445	1.025		
11/12/2016 5:15:00 PM	242100.000	19.887	
14.547	44.798	40936.035	
51147.555	33.571	34780.340	
24.428	1.025		
11/12/2016 5:30:00 PM	243000.000	19.879	
14.547	44.779	40956.844	
51173.871	33.590	34798.238	
24.416	1.025		

11/12/2016 5:45:00 PM	243900.000	19.883	14.547	44.789
40917.227	51123.945	33.553	34764.281	24.440
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11/12/2016 6:00:00 PM	244800.000	19.872	14.548	44.765
40968.980	51187.629	33.600	34807.590	24.409
1.025				
11/12/2016 6:15:00 PM	245700.000	19.867	14.548	44.753
40936.789	51147.859	33.571	34780.543	24.428
1.025				
11/12/2016 6:30:00 PM	246600.000	19.860	14.548	44.738
40910.355	51114.383	33.546	34757.781	24.444
1.025				
11/12/2016 6:45:00 PM	247500.000	19.859	14.549	44.733
40962.617	51179.047	33.594	34801.754	24.413
1.025				
11/12/2016 7:00:00 PM	248400.000	19.859	14.548	44.735
40903.996	51106.438	33.541	34752.379	24.447
1.025				
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40948.449	51162.090	33.581	34790.227	24.421
1.025				
11/12/2016 7:45:00 PM	251100.000	19.854	14.549	44.723
40926.938	51134.352	33.561	34771.363	24.434
1.025				
11/12/2016 8:00:00 PM	252000.000	19.851	14.548	44.717
40904.711	51107.328	33.541	34752.988	24.447
1.025				
11/12/2016 8:15:00 PM	252900.000	19.852	14.548	44.719
40962.758	51179.969	33.594	34802.379	24.412
1.025				
11/12/2016 8:30:00 PM	253800.000	19.855	14.548	44.725
40972.035	51191.129	33.603	34809.973	24.407
1.025				
11/12/2016 8:45:00 PM	254700.000	19.854	14.548	44.723
40924.727	51132.336	33.560	34769.988	24.435
1.025				
11/12/2016 9:00:00 PM	255600.000	19.859	14.549	44.734
40961.133	51176.641	33.592	34800.117	24.413
1.025				
11/12/2016 9:15:00 PM	256500.000	19.859		

14.549	44.733	40910.539
51114.090	33.546	34757.582
24.444	1.025	
11/12/2016 9:30:00 PM	257400.000	19.868
14.549	44.754	40933.441
51142.480	33.567	34776.891
24.430	1.025	
11/12/2016 9:45:00 PM	258300.000	19.873
14.549	44.765	40916.254
51121.121	33.551	34762.363
24.440	1.025	
11/12/2016 10:00:00 PM	259200.000	19.871
14.549	44.762	40907.051
51109.508	33.543	34754.469
24.446	1.025	
11/12/2016 10:15:00 PM	260100.000	19.875
14.548	44.770	40948.914
51162.789	33.582	34790.695
24.421	1.025	
11/12/2016 10:30:00 PM	261000.000	19.879
14.548	44.779	40898.645
51099.750	33.536	34747.832
24.451	1.025	
11/12/2016 10:45:00 PM	261900.000	19.886
14.548	44.796	40937.766
51148.973	33.572	34781.305
24.427	1.025	
11/12/2016 11:00:00 PM	262800.000	19.885
14.547	44.793	40917.762
51124.613	33.554	34764.738
24.439	1.025	
11/12/2016 11:15:00 PM	263700.000	19.880
14.548	44.781	40938.965
51150.242	33.573	34782.164
24.427	1.025	
11/12/2016 11:30:00 PM	264600.000	19.874
14.548	44.769	40905.184
51108.582	33.542	34753.836
24.447	1.025	
11/12/2016 11:45:00 PM	265500.000	19.883
14.547	44.789	40922.762
51130.750	33.558	34768.914
24.436	1.025	
11/13/2016 12:00:00 AM	266400.000	19.873
14.548	44.765	40908.199
51111.371	33.544	34755.738
24.445	1.025	
11/13/2016 12:15:00 AM	267300.000	19.867
14.548	44.752	40925.969
51134.004	33.561	34771.121
24.434	1.025	
11/13/2016 12:30:00 AM	268200.000	19.852
14.548	44.720	40918.551
51125.168	33.554	34765.113
24.439	1.025	
11/13/2016 12:45:00 AM	269100.000	19.849
14.548	44.713	40923.020

51130.547	33.558	34768.777	
24.436	1.025		
11/13/2016 1:00:00 AM	270000.000	19.844	
14.547	44.701	40959.797	
51177.672	33.593	34800.820	
24.414	1.025		
11/13/2016 1:15:00 AM	270900.000	19.847	
14.547	44.706	40938.555	
51150.918	33.573	34782.629	
24.427	1.025		
11/13/2016 1:30:00 AM	271800.000	19.842	
14.547	44.697	40922.520	
51131.320	33.559	34769.297	
24.436	1.025		
11/13/2016 1:45:00 AM	272700.000	19.836	
14.547	44.683	40917.184	
51124.117	33.553	34764.402	
24.440	1.025		
11/13/2016 2:00:00 AM	273600.000	19.831	
14.547	44.672	40931.863	
51142.344	33.567	34776.793	
24.431	1.025		
11/13/2016 2:15:00 AM	274500.000	19.830	
14.547	44.669	40932.723	
51143.195	33.567	34777.379	
24.430	1.025		
11/13/2016 2:30:00 AM	275400.000	19.821	
14.547	44.649	40926.043	
51135.723	33.562	34772.293	
24.434	1.025		
11/13/2016 2:45:00 AM	276300.000	19.821	
14.547	44.649	40942.375	
51155.148	33.576	34785.504	
24.425	1.025		
11/13/2016 3:00:00 AM	277200.000	19.817	
14.547	44.639	40939.352	
51151.477	33.573	34783.004	
24.426	1.025		
11/13/2016 3:15:00 AM	278100.000	19.809	
14.547	44.623	40913.348	
51118.988	33.550	34760.914	
24.442	1.025		
11/13/2016 3:30:00 AM	279000.000	19.809	
14.548	44.622	40949.602	
51163.418	33.582	34791.125	
24.420	1.025		
11/13/2016 3:45:00 AM	279900.000	19.799	
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51120.457	33.551	34761.914	
24.441	1.025		
11/13/2016 4:00:00 AM	280800.000	19.799	
14.547	44.599	40953.387	
51169.996	33.587	34795.602	
24.418	1.025		
11/13/2016 4:15:00 AM	281700.000	19.790	
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51159.996	33.580	34788.801	

24.422	1.025		
11/13/2016 4:30:00 AM	282600.000	19.789	
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51131.043	33.559	34769.113	
24.436	1.025		
11/13/2016 4:45:00 AM	283500.000	19.783	
14.548	44.563	40951.375	
51166.082	33.584	34792.938	
24.419	1.025		
11/13/2016 5:00:00 AM	284400.000	19.783	
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51136.566	33.563	34772.867	
24.434	1.025		
11/13/2016 5:15:00 AM	285300.000	19.778	
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51131.496	33.559	34769.422	
24.436	1.025		
11/13/2016 5:30:00 AM	286200.000	19.778	
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51107.738	33.541	34753.262	
24.447	1.025		
11/13/2016 5:45:00 AM	287100.000	19.782	
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51100.273	33.536	34748.188	
24.451	1.025		
11/13/2016 6:00:00 AM	288000.000	19.779	
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51130.625	33.558	34768.824	
24.435	1.025		
11/13/2016 6:15:00 AM	288900.000	19.778	
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51097.004	33.534	34745.969	
24.452	1.025		
11/13/2016 6:30:00 AM	289800.000	19.775	
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51130.113	33.558	34768.477	
24.436	1.025		
11/13/2016 6:45:00 AM	290700.000	19.786	
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51158.207	33.579	34787.582	
24.422	1.025		
11/13/2016 7:00:00 AM	291600.000	19.783	
14.548	44.563	40911.938	
51116.359	33.548	34759.125	
24.443	1.025		
11/13/2016 7:15:00 AM	292500.000	19.790	
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51157.031	33.578	34786.781	
24.423	1.025		
11/13/2016 7:30:00 AM	293400.000	19.799	
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51146.453	33.570	34779.590	
24.428	1.025		
11/13/2016 7:45:00 AM	294300.000	19.814	
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51150.605	33.573	34782.414	
24.426	1.025		

11/13/2016 8:00:00 AM	295200.000	19.825	14.549	44.657
40936.977	51146.895	33.570	34779.887	24.428
1.025				
11/13/2016 8:15:00 AM	296100.000	19.840	14.548	44.690
40912.590	51116.754	33.548	34759.395	24.442
1.025				
11/13/2016 8:30:00 AM	297000.000	19.852	14.549	44.718
40943.664	51155.141	33.576	34785.500	24.424
1.025				
11/13/2016 8:45:00 AM	297900.000	19.869	14.547	44.756
40932.078	51142.391	33.567	34776.824	24.431
1.025				
11/13/2016 9:00:00 AM	298800.000	19.882	14.547	44.787
40948.359	51162.953	33.582	34790.809	24.421
1.025				
11/13/2016 9:15:00 AM	299700.000	19.894	14.548	44.813
40920.836	51127.707	33.556	34766.844	24.437
1.025				
11/13/2016 9:30:00 AM	300600.000	19.914	14.547	44.858
40957.160	51174.164	33.590	34798.434	24.416
1.025				
11/13/2016 9:45:00 AM	301500.000	19.926	14.547	44.885
40940.500	51153.563	33.575	34784.422	24.426
1.025				
11/13/2016 10:00:00 AM	302400.000	19.939	14.546	44.914
40946.367	51161.555	33.581	34789.859	24.422
1.025				
11/13/2016 10:15:00 AM	303300.000	19.953	14.546	44.947
40951.801	51168.344	33.586	34794.477	24.419
1.025				
11/13/2016 10:30:00 AM	304200.000	19.958	14.546	44.958
40943.676	51158.398	33.578	34787.711	24.424
1.025				
11/13/2016 10:45:00 AM	305100.000	19.968	14.546	44.981
40912.699	51119.926	33.550	34761.551	24.442
1.025				
11/13/2016 11:00:00 AM	306000.000	19.981	14.545	45.009
40929.664	51142.406	33.567	34776.836	24.432
1.025				
11/13/2016 11:15:00 AM	306900.000	19.985	14.544	45.019
40899.934	51105.910	33.540	34752.023	24.450
1.025				
11/13/2016 11:30:00 AM	307800.000	19.989		

14.544	45.026	40925.094
51137.785	33.563	34773.695
24.435	1.025	
11/13/2016 11:45:00 AM	308700.000	19.992
14.544	45.035	40921.578
51133.945	33.560	34771.082
24.437	1.025	
11/13/2016 12:00:00 PM	309600.000	20.001
14.542	45.055	40904.031
51113.414	33.545	34757.121
24.447	1.025	
11/13/2016 12:15:00 PM	310500.000	20.005
14.543	45.064	40918.629
51131.438	33.558	34769.379
24.439	1.025	
11/13/2016 12:30:00 PM	311400.000	20.004
14.542	45.061	40943.379
51163.020	33.582	34790.855
24.424	1.025	
11/13/2016 12:45:00 PM	312300.000	20.005
14.543	45.062	40929.383
51144.766	33.568	34778.441
24.432	1.025	
11/13/2016 1:00:00 PM	313200.000	19.996
14.542	45.043	40925.496
51141.000	33.565	34775.879
24.435	1.025	
11/13/2016 1:15:00 PM	314100.000	19.994
14.541	45.039	40945.902
51167.469	33.585	34793.879
24.422	1.025	
11/13/2016 1:30:00 PM	315000.000	19.989
14.542	45.026	40926.969
51142.605	33.567	34776.973
24.434	1.025	
11/13/2016 1:45:00 PM	315900.000	19.980
14.541	45.008	40918.949
51134.102	33.560	34771.191
24.439	1.025	
11/13/2016 2:00:00 PM	316800.000	19.971
14.542	44.988	40931.574
51148.699	33.571	34781.121
24.431	1.025	
11/13/2016 2:15:00 PM	317700.000	19.954
14.540	44.948	40933.230
51152.824	33.574	34783.926
24.430	1.025	
11/13/2016 2:30:00 PM	318600.000	19.951
14.541	44.942	40930.895
51148.836	33.571	34781.207
24.431	1.025	
11/13/2016 2:45:00 PM	319500.000	19.929
14.541	44.892	40923.164
51139.492	33.564	34774.855
24.436	1.025	
11/13/2016 3:00:00 PM	320400.000	19.921
14.541	44.875	40926.395

51143.637	33.567	34777.672	
24.434	1.025		
11/13/2016 3:15:00 PM	321300.000	19.913	
14.541	44.855	40888.074	
51094.984	33.532	34744.590	
24.457	1.025		
11/13/2016 3:30:00 PM	322200.000	19.901	
14.541	44.830	40886.859	
51094.000	33.531	34743.922	
24.458	1.025		
11/13/2016 3:45:00 PM	323100.000	19.889	
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51162.340	33.581	34790.395	
24.425	1.025		
11/13/2016 4:00:00 PM	324000.000	19.875	
14.541	44.771	40973.941	
51202.945	33.611	34818.004	
24.406	1.025		
11/13/2016 4:15:00 PM	324900.000	19.865	
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51136.910	33.562	34773.098	
24.437	1.025		
11/13/2016 4:30:00 PM	325800.000	19.851	
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51138.230	33.563	34774.000	
24.437	1.025		
11/13/2016 4:45:00 PM	326700.000	19.847	
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51099.902	33.535	34747.938	
24.454	1.025		
11/13/2016 5:00:00 PM	327600.000	19.838	
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51152.258	33.574	34783.535	
24.429	1.025		
11/13/2016 5:15:00 PM	328500.000	19.827	
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51125.781	33.554	34765.535	
24.442	1.025		
11/13/2016 5:30:00 PM	329400.000	19.813	
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24.432	1.025		
11/13/2016 5:45:00 PM	330300.000	19.808	
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51134.652	33.561	34771.566	
24.438	1.025		
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51145.605	33.569	34779.016	
24.433	1.025		
11/13/2016 6:15:00 PM	332100.000	19.791	
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51193.008	33.603	34811.250	
24.410	1.025		
11/13/2016 6:30:00 PM	333000.000	19.782	
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24.436	1.025		
11/13/2016 6:45:00 PM	333900.000	19.776	
14.542	44.548	40936.723	
51154.699	33.575	34785.199	
24.428	1.025		
11/13/2016 7:00:00 PM	334800.000	19.768	
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51148.359	33.571	34780.883	
24.431	1.025		
11/13/2016 7:15:00 PM	335700.000	19.761	
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51151.043	33.573	34782.711	
24.429	1.025		
11/13/2016 7:30:00 PM	336600.000	19.753	
14.543	44.496	40943.738	
51162.816	33.581	34790.719	
24.424	1.025		
11/13/2016 7:45:00 PM	337500.000	19.749	
14.544	44.486	40911.582	
51121.004	33.551	34762.285	
24.443	1.025		
11/13/2016 8:00:00 PM	338400.000	19.740	
14.544	44.465	40922.297	
51134.395	33.561	34771.391	
24.437	1.025		
11/13/2016 8:15:00 PM	339300.000	19.734	
14.543	44.453	40916.758	
51128.348	33.556	34767.281	
24.440	1.025		
11/13/2016 8:30:00 PM	340200.000	19.724	
14.542	44.431	40903.059	
51112.309	33.544	34756.375	
24.448	1.025		
11/13/2016 8:45:00 PM	341100.000	19.719	
14.544	44.419	40945.742	
51164.027	33.582	34791.543	
24.423	1.025		
11/13/2016 9:00:00 PM	342000.000	19.712	
14.544	44.403	40908.703	
51117.508	33.548	34759.906	
24.445	1.025		
11/13/2016 9:15:00 PM	342900.000	19.711	
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51136.180	33.562	34772.602	
24.436	1.025		
11/13/2016 9:30:00 PM	343800.000	19.705	
14.545	44.388	40899.469	
51105.113	33.539	34751.480	
24.450	1.025		
11/13/2016 9:45:00 PM	344700.000	19.701	
14.545	44.379	40913.160	
51121.246	33.551	34762.453	
24.442	1.025		
11/13/2016 10:00:00 PM	345600.000	19.695	
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51166.953	33.585	34793.531	
24.420	1.025		

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51151.305	33.573	34782.887	
24.428	1.025		
11/13/2016 10:30:00 PM	347400.000	19.690	
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51154.141	33.575	34784.816	
24.426	1.025		
11/13/2016 10:45:00 PM	348300.000	19.684	
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51161.730	33.581	34789.977	
24.422	1.025		
11/13/2016 11:00:00 PM	349200.000	19.682	
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51112.230	33.545	34756.316	
24.446	1.025		
11/13/2016 11:15:00 PM	350100.000	19.680	
14.547	44.331	40953.613	
51170.281	33.587	34795.797	
24.418	1.025		
11/13/2016 11:30:00 PM	351000.000	19.676	
14.546	44.322	40955.855	
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24.417	1.025		
11/13/2016 11:45:00 PM	351900.000	19.670	
14.548	44.308	40897.813	
51099.160	33.535	34747.434	
24.451	1.025		
11/14/2016 12:00:00 AM	352800.000	19.668	
14.548	44.303	40934.742	
51145.512	33.569	34778.949	
24.429	1.025		
11/14/2016 12:15:00 AM	353700.000	19.665	
14.547	44.298	40931.398	
51141.543	33.566	34776.254	
24.431	1.025		
11/14/2016 12:30:00 AM	354600.000	19.653	
14.548	44.270	40943.375	
51156.301	33.577	34786.285	
24.424	1.025		
11/14/2016 12:45:00 AM	355500.000	19.647	
14.547	44.258	40915.820	
51122.297	33.552	34763.164	
24.440	1.025		
11/14/2016 1:00:00 AM	356400.000	19.644	
14.548	44.251	40921.105	
51127.395	33.556	34766.633	
24.437	1.025		
11/14/2016 1:15:00 AM	357300.000	19.635	
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51121.457	33.552	34762.594	
24.441	1.025		
11/14/2016 1:30:00 AM	358200.000	19.639	
14.548	44.238	40923.699	
51131.504	33.559	34769.426	
24.436	1.025		
11/14/2016 1:45:00 AM	359100.000	19.639	

14.547	44.238	40958.125
51175.703	33.591	34799.477
24.415	1.025	
11/14/2016 2:00:00 AM	360000.000	19.637
14.547	44.234	40909.316
51113.844	33.546	34757.414
24.444	1.025	
11/14/2016 2:15:00 AM	360900.000	19.629
14.547	44.217	40917.660
51124.488	33.554	34764.652
24.439	1.025	
11/14/2016 2:30:00 AM	361800.000	19.628
14.547	44.214	40928.512
51137.828	33.564	34773.723
24.433	1.025	
11/14/2016 2:45:00 AM	362700.000	19.623
14.548	44.202	40912.051
51117.160	33.548	34759.672
24.443	1.025	
11/14/2016 3:00:00 AM	363600.000	19.619
14.548	44.194	40932.227
51142.371	33.567	34776.813
24.431	1.025	
11/14/2016 3:15:00 AM	364500.000	19.613
14.548	44.181	40929.781
51139.199	33.565	34774.656
24.432	1.025	
11/14/2016 3:30:00 AM	365400.000	19.608
14.549	44.168	40910.895
51114.535	33.547	34757.887
24.443	1.025	
11/14/2016 3:45:00 AM	366300.000	19.601
14.549	44.153	40918.949
51123.824	33.553	34764.203
24.439	1.025	
11/14/2016 4:00:00 AM	367200.000	19.599
14.548	44.149	40940.285
51151.777	33.574	34783.207
24.426	1.025	
11/14/2016 4:15:00 AM	368100.000	19.588
14.549	44.125	40923.945
51129.750	33.558	34768.230
24.436	1.025	
11/14/2016 4:30:00 AM	369000.000	19.586
14.550	44.119	40947.801
51159.016	33.579	34788.137
24.421	1.025	
11/14/2016 4:45:00 AM	369900.000	19.584
14.550	44.115	40913.055
51115.918	33.548	34758.828
24.442	1.025	
11/14/2016 5:00:00 AM	370800.000	19.577
14.550	44.100	40952.371
51164.391	33.583	34791.785
24.419	1.025	
11/14/2016 5:15:00 AM	371700.000	19.574
14.550	44.091	40945.004

51155.520	33.577	34785.754	
24.423	1.025		
11/14/2016 5:30:00 AM	372600.000	19.562	
14.551	44.065	40924.418	
51128.820	33.557	34767.602	
24.435	1.025		
11/14/2016 5:45:00 AM	373500.000	19.566	
14.550	44.075	40961.152	
51175.578	33.591	34799.398	
24.413	1.025		
11/14/2016 6:00:00 AM	374400.000	19.563	
14.552	44.067	40918.949	
51120.148	33.551	34761.703	
24.439	1.025		
11/14/2016 6:15:00 AM	375300.000	19.560	
14.550	44.060	40908.527	
51109.289	33.543	34754.316	
24.445	1.025		
11/14/2016 6:30:00 AM	376200.000	19.560	
14.552	44.062	40952.453	
51162.668	33.582	34790.613	
24.419	1.025		
11/14/2016 6:45:00 AM	377100.000	19.559	
14.551	44.059	40918.949	
51121.441	33.552	34762.586	
24.439	1.025		
11/14/2016 7:00:00 AM	378000.000	19.555	
14.552	44.050	40931.324	
51136.371	33.563	34772.734	
24.431	1.025		
11/14/2016 7:15:00 AM	378900.000	19.560	
14.552	44.061	40900.293	
51096.617	33.534	34745.699	
24.450	1.025		
11/14/2016 7:30:00 AM	379800.000	19.557	
14.553	44.054	40956.395	
51166.055	33.585	34792.918	
24.416	1.025		
11/14/2016 7:45:00 AM	380700.000	19.561	
14.553	44.063	40914.344	
51113.969	33.546	34757.504	
24.441	1.025		
11/14/2016 8:00:00 AM	381600.000	19.572	
14.552	44.089	40901.047	
51097.563	33.534	34746.344	
24.449	1.025		
11/14/2016 8:15:00 AM	382500.000	19.575	
14.552	44.094	40931.313	
51135.707	33.562	34772.281	
24.431	1.025		
11/14/2016 8:30:00 AM	383400.000	19.591	
14.553	44.130	40970.500	
51183.902	33.598	34805.059	
24.408	1.025		
11/14/2016 8:45:00 AM	384300.000	19.605	
14.553	44.163	40931.074	
51134.758	33.562	34771.637	

24.431	1.025		
11/14/2016 9:00:00 AM	385200.000	19.616	
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51132.984	33.560	34770.430	
24.432	1.025		
11/14/2016 9:15:00 AM	386100.000	19.628	
14.554	44.213	40911.363	
51108.840	33.543	34754.012	
24.443	1.025		
11/14/2016 9:30:00 AM	387000.000	19.640	
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51153.074	33.575	34784.094	
24.422	1.025		
11/14/2016 9:45:00 AM	387900.000	19.652	
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51147.113	33.571	34780.039	
24.425	1.025		
11/14/2016 10:00:00 AM	388800.000	19.661	
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51144.820	33.569	34778.477	
24.426	1.025		
11/14/2016 10:15:00 AM	389700.000	19.669	
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51094.832	33.532	34744.488	
24.450	1.025		
11/14/2016 10:30:00 AM	390600.000	19.676	
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51149.512	33.573	34781.668	
24.424	1.025		
11/14/2016 10:45:00 AM	391500.000	19.695	
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51156.816	33.578	34786.641	
24.421	1.025		
11/14/2016 11:00:00 AM	392400.000	19.695	
14.553	44.365	40937.402	
51142.664	33.567	34777.012	
24.428	1.025		
11/14/2016 11:15:00 AM	393300.000	19.703	
14.552	44.384	40924.668	
51127.734	33.556	34766.859	
24.435	1.025		
11/14/2016 11:30:00 AM	394200.000	19.700	
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51167.961	33.586	34794.215	
24.416	1.025		
11/14/2016 11:45:00 AM	395100.000	19.707	
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24.413	1.025		
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24.414	1.025		
11/14/2016 12:15:00 PM	396900.000	19.719	
14.551	44.419	40902.637	
51101.297	33.537	34748.887	
24.448	1.025		

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11/14/2016 12:45:00 PM	398700.000	19.715	14.552	44.411
40927.336	51131.285	33.559	34769.277	24.434
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11/14/2016 1:00:00 PM	399600.000	19.719	14.550	44.419
40945.652	51156.098	33.577	34786.152	24.423
1.025				
11/14/2016 1:15:00 PM	400500.000	19.713	14.551	44.405
40915.180	51117.395	33.549	34759.832	24.441
1.025				
11/14/2016 1:30:00 PM	401400.000	19.708	14.550	44.394
40951.402	51163.730	33.583	34791.336	24.419
1.025				
11/14/2016 1:45:00 PM	402300.000	19.712	14.551	44.403
40915.707	51117.625	33.549	34759.988	24.440
1.025				
11/14/2016 2:00:00 PM	403200.000	19.708	14.550	44.393
40918.957	51123.082	33.553	34763.699	24.439
1.025				
11/14/2016 2:15:00 PM	404100.000	19.722	14.550	44.425
40930.391	51137.145	33.563	34773.258	24.432
1.025				
11/14/2016 2:30:00 PM	405000.000	19.717	14.549	44.415
40919.563	51124.590	33.554	34764.727	24.438
1.025				
11/14/2016 2:45:00 PM	405900.000	19.709	14.549	44.398
40927.480	51134.270	33.561	34771.305	24.433
1.025				
11/14/2016 3:00:00 PM	406800.000	19.704	14.548	44.384
40932.156	51141.414	33.566	34776.160	24.431
1.025				
11/14/2016 3:15:00 PM	407700.000	19.695	14.550	44.364
40947.352	51158.453	33.579	34787.750	24.422
1.025				
11/14/2016 3:30:00 PM	408600.000	19.688	14.551	44.348
40938.883	51146.141	33.570	34779.379	24.427
1.025				
11/14/2016 3:45:00 PM	409500.000	19.679	14.549	44.329
40928.375	51135.938	33.562	34772.438	24.433
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11/14/2016 4:00:00 PM	410400.000	19.668		

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51159.957	33.580	34788.773
24.421	1.025	
11/14/2016 4:15:00 PM	411300.000	19.659
14.549	44.284	40925.895
51132.188	33.560	34769.891
24.434	1.025	
11/14/2016 4:30:00 PM	412200.000	19.649
14.550	44.261	40967.738
51183.805	33.597	34804.988
24.409	1.025	
11/14/2016 4:45:00 PM	413100.000	19.636
14.549	44.232	40921.426
51126.809	33.556	34766.230
24.437	1.025	
11/14/2016 5:00:00 PM	414000.000	19.629
14.550	44.217	40956.613
51169.688	33.587	34795.387
24.416	1.025	
11/14/2016 5:15:00 PM	414900.000	19.618
14.550	44.192	40914.172
51117.102	33.549	34759.633
24.441	1.025	
11/14/2016 5:30:00 PM	415800.000	19.605
14.552	44.163	40940.922
51148.363	33.572	34780.887
24.425	1.025	
11/14/2016 5:45:00 PM	416700.000	19.597
14.551	44.144	40909.605
51110.102	33.543	34754.871
24.444	1.025	
11/14/2016 6:00:00 PM	417600.000	19.585
14.550	44.118	40927.109
51132.930	33.560	34770.395
24.434	1.025	
11/14/2016 6:15:00 PM	418500.000	19.576
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51122.871	33.553	34763.555
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11/14/2016 7:00:00 PM	421200.000	19.550
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24.434	1.025	
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51138.523	33.564	34774.195
24.430	1.025	
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14.552	43.994	40966.238

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11/14/2016 7:45:00 PM	423900.000	19.526	
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51118.016	33.550	34760.250	
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24.431	1.025		
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24.415	1.025		
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51148.602	33.572	34781.051	
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24.444	1.025		
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51111.449	33.545	34755.785	
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24.422	1.025		
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51126.414	33.556	34765.961	
24.433	1.025		
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51135.543	33.563	34772.172	
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11/14/2016 11:30:00 PM	437400.000	19.451	
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24.426	1.025		
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51141.926	33.567	34776.512	
24.425	1.025		
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11/15/2016 12:15:00 AM	440100.000	19.443	
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51165.176	33.585	34792.320	
24.413	1.025		
11/15/2016 12:30:00 AM	441000.000	19.433	
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51105.945	33.541	34752.043	
24.441	1.025		
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24.412	1.025		
11/15/2016 1:00:00 AM	442800.000	19.433	
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11/15/2016 1:45:00 AM	445500.000	19.426	
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11/15/2016 2:30:00 AM	448200.000	19.429	
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51162.461	33.583	34790.473	
24.414	1.025		

11/15/2016 2:45:00 AM	449100.000	19.430	14.559	43.767	40981.633
51189.684	33.603	34808.988	24.401	1.025	
11/15/2016 3:00:00 AM	450000.000	19.426	14.560	43.760	40939.016
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11/15/2016 3:15:00 AM	450900.000	19.421	14.560	43.748	40944.922
51142.855	33.568	34777.141	24.423	1.025	
11/15/2016 3:30:00 AM	451800.000	19.419	14.560	43.742	40952.309
51152.082	33.575	34783.422	24.419	1.025	
11/15/2016 3:45:00 AM	452700.000	19.417	14.561	43.738	40939.699
51135.355	33.563	34772.047	24.426	1.025	
11/15/2016 4:00:00 AM	453600.000	19.409	14.561	43.720	40981.383
51187.746	33.601	34807.672	24.401	1.025	
11/15/2016 4:15:00 AM	454500.000	19.410	14.562	43.723	40930.859
51123.348	33.554	34763.879	24.431	1.025	
11/15/2016 4:30:00 AM	455400.000	19.406	14.560	43.714	40925.422
51118.176	33.550	34760.359	24.435	1.025	
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51167.492	33.586	34793.895	24.410	1.025	
11/15/2016 5:00:00 AM	457200.000	19.398	14.562	43.697	40985.871
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11/15/2016 5:15:00 AM	458100.000	19.403	14.563	43.707	40954.855
51151.590	33.575	34783.086	24.417	1.025	
11/15/2016 5:30:00 AM	459000.000	19.394	14.562	43.687	40932.719
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11/15/2016 5:45:00 AM	459900.000	19.393	14.563	43.685	40942.676
51136.813	33.564	34773.031	24.424	1.025	
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11/15/2016 6:15:00 AM	461700.000	19.390			

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24.409	1.025	
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51159.148	33.581	34788.223
24.413	1.025	
11/15/2016 7:00:00 AM	464400.000	19.391
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24.416	1.025	
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24.443	1.025	
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14.564	43.694	40949.738
51144.656	33.570	34778.371
24.420	1.025	
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14.564	43.704	40940.414
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24.426	1.025	
11/15/2016 8:00:00 AM	468000.000	19.405
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24.415	1.025	
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51121.207	33.553	34762.426
24.431	1.025	
11/15/2016 8:30:00 AM	469800.000	19.430
14.565	43.767	40962.473
51159.035	33.581	34788.148
24.413	1.025	
11/15/2016 8:45:00 AM	470700.000	19.440
14.565	43.791	40962.668
51158.848	33.580	34788.016
24.412	1.025	
11/15/2016 9:00:00 AM	471600.000	19.457
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51164.152	33.584	34791.625
24.410	1.025	
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51106.566	33.542	34752.469
24.437	1.025	
11/15/2016 9:30:00 AM	473400.000	19.484
14.564	43.890	40933.543
51123.555	33.554	34764.020
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11/15/2016 9:45:00 AM	474300.000	19.493
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11/15/2016 10:00:00 AM	475200.000	19.512	
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11/15/2016 10:15:00 AM	476100.000	19.523	
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24.415	1.025		
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24.442	1.025		
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51147.453	33.572	34780.270	
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24.422	1.025		
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51162.586	33.583	34790.563	
24.411	1.025		
11/15/2016 11:30:00 AM	480600.000	19.591	
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24.422	1.025		
11/15/2016 11:45:00 AM	481500.000	19.609	
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51136.254	33.564	34772.656	
24.425	1.025		
11/15/2016 12:00:00 PM	482400.000	19.616	
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24.412	1.025		
11/15/2016 12:15:00 PM	483300.000	19.628	
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51143.789	33.569	34777.777	
24.421	1.025		
11/15/2016 12:30:00 PM	484200.000	19.636	
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51164.770	33.585	34792.047	
24.411	1.025		
11/15/2016 12:45:00 PM	485100.000	19.642	
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24.442	1.025		
11/15/2016 1:00:00 PM	486000.000	19.646	
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51128.770	33.558	34767.563	
24.429	1.025		
11/15/2016 1:15:00 PM	486900.000	19.657	
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51127.289	33.557	34766.559	

24.430	1.025		
11/15/2016 1:30:00 PM	487800.000	19.657	
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51167.703	33.587	34794.039	
24.410	1.025		
11/15/2016 1:45:00 PM	488700.000	19.667	
14.561	44.303	40935.164	
51129.797	33.559	34768.266	
24.429	1.025		
11/15/2016 2:00:00 PM	489600.000	19.673	
14.560	44.315	40944.738	
51142.516	33.568	34776.914	
24.423	1.025		
11/15/2016 2:15:00 PM	490500.000	19.670	
14.561	44.308	40942.074	
51138.875	33.565	34774.438	
24.425	1.025		
11/15/2016 2:30:00 PM	491400.000	19.672	
14.560	44.314	40931.926	
51126.941	33.557	34766.324	
24.431	1.025		
11/15/2016 2:45:00 PM	492300.000	19.690	
14.558	44.354	40993.188	
51205.523	33.614	34819.758	
24.394	1.025		
11/15/2016 3:00:00 PM	493200.000	19.686	
14.558	44.344	40963.563	
51168.191	33.587	34794.371	
24.412	1.025		
11/15/2016 3:15:00 PM	494100.000	19.688	
14.559	44.348	40947.738	
51147.668	33.572	34780.414	
24.421	1.025		
11/15/2016 3:30:00 PM	495000.000	19.687	
14.558	44.346	40930.020	
51127.379	33.557	34766.621	
24.432	1.025		
11/15/2016 3:45:00 PM	495900.000	19.683	
14.559	44.337	40938.840	
51136.762	33.564	34773.004	
24.427	1.025		
11/15/2016 4:00:00 PM	496800.000	19.678	
14.559	44.326	40935.055	
51131.930	33.560	34769.715	
24.429	1.025		
11/15/2016 4:15:00 PM	497700.000	19.675	
14.559	44.319	40916.902	
51109.805	33.544	34754.668	
24.440	1.025		
11/15/2016 4:30:00 PM	498600.000	19.670	
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51141.512	33.567	34776.230	
24.425	1.025		
11/15/2016 4:45:00 PM	499500.000	19.666	
14.556	44.300	40954.121	
51159.004	33.580	34788.125	
24.418	1.025		

11/15/2016 5:00:00 PM	500400.000	19.652	14.557	44.268	40951.645
51154.504	33.577	34785.066	24.419	1.025	
11/15/2016 5:15:00 PM	501300.000	19.649	14.557	44.261	40993.359
51206.828	33.615	34820.645	24.394	1.025	
11/15/2016 5:30:00 PM	502200.000	19.641	14.558	44.242	40949.992
51151.348	33.574	34782.922	24.420	1.025	
11/15/2016 5:45:00 PM	503100.000	19.631	14.558	44.221	40939.762
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11/15/2016 6:00:00 PM	504000.000	19.619	14.557	44.193	40898.715
51088.500	33.528	34740.180	24.451	1.025	
11/15/2016 6:15:00 PM	504900.000	19.616	14.557	44.187	40927.262
51124.914	33.555	34764.941	24.434	1.025	
11/15/2016 6:30:00 PM	505800.000	19.605	14.557	44.163	40927.797
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11/15/2016 6:45:00 PM	506700.000	19.597	14.558	44.144	40935.699
51134.035	33.562	34771.145	24.429	1.025	
11/15/2016 7:00:00 PM	507600.000	19.592	14.558	44.132	40943.977
51144.602	33.569	34778.328	24.424	1.025	
11/15/2016 7:15:00 PM	508500.000	19.582	14.558	44.111	40945.012
51145.129	33.570	34778.691	24.423	1.025	
11/15/2016 7:30:00 PM	509400.000	19.571	14.558	44.086	40971.160
51177.906	33.594	34800.980	24.407	1.025	
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51185.082	33.599	34805.859	24.404	1.025	
11/15/2016 8:30:00 PM	513000.000	19.540			

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24.419	1.025	
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24.408	1.025	
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24.409	1.025	
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51120.535	33.552	34761.965
24.433	1.025	
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24.433	1.025	
11/15/2016 11:30:00 PM	523800.000	19.481
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24.399	1.025	
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24.420	1.025		
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24.409	1.025		
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24.426	1.025		
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51166.301	33.586	34793.086	
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24.434 1.025
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24.414 1.025
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14.562 44.023 40950.207
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24.411 1.025
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24.406 1.025

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24.426 1.025
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24.437 1.025
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24.416 1.025
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14.564 44.143 40961.480
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24.413 1.025
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24.405 1.025
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24.417 1.025
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14.563 44.303 40969.500
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24.408 1.025
11/16/2016 10:15:00 AM 562500.000 19.682
14.564 44.337 40923.723
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24.436 1.025
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14.563 44.366 40943.922
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24.424 1.025
11/16/2016 10:45:00 AM 564300.000 19.712

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24.408	1.025		
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11/16/2016 9:45:00 PM	603900.000	19.702	14.554	44.381	40937.367
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11/16/2016 10:00:00 PM	604800.000	19.690	14.553	44.353	40908.453
51106.281	33.541	34752.273	24.445	1.025	
11/16/2016 10:15:00 PM	605700.000	19.683	14.555	44.337	40978.047
51190.738	33.603	34809.703	24.403	1.025	
11/16/2016 10:30:00 PM	606600.000	19.678	14.554	44.326	40914.418
51112.758	33.546	34756.676	24.441	1.025	
11/16/2016 10:45:00 PM	607500.000	19.669	14.555	44.306	40985.090
51198.988	33.609	34815.316	24.399	1.025	
11/16/2016 11:00:00 PM	608400.000	19.665	14.555	44.298	41006.082
51226.078	33.629	34833.738	24.387	1.025	
11/16/2016 11:15:00 PM	609300.000	19.661	14.555	44.289	40948.309
51153.465	33.576	34784.359	24.421	1.025	
11/16/2016 11:30:00 PM	610200.000	19.653	14.556	44.271	40963.953
51171.492	33.589	34796.617	24.412	1.025	
11/16/2016 11:45:00 PM	611100.000	19.646	14.556	44.255	40936.652
51138.152	33.564	34773.949	24.428	1.025	

Report Date: 11/18/2016 8:36:23 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_2016-11-17_08-15-35-529-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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
11/17/2016 8:14:48 AM	Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:00:00 AM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 713
Sensors: 2
1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
		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	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	Sensor: PCTD(A) 197.3ft SN#: 446752	Sensor: Baro-Adj Calc SN#: 000000
11/10/2016 12:00:00 AM	7200.000	123.367	19.657	277.896	41687.652	46425.777	30.435	31.570	23.988	1.021	14.743
11/10/2016 12:15:00 AM	8100.000	123.360	19.661	277.880	41721.133	46458.676	30.459	31.592	23.969	1.021	14.744
11/10/2016 12:30:00 AM	9000.000	123.336	19.661	277.826	41699.238	46433.945	30.441	31.575	23.981	1.021	14.746
11/10/2016 12:45:00 AM	9900.000	123.332	19.656	277.817	41714.523	46456.305	30.457	31.590	23.972	1.021	14.746

11/10/2016 1:00:00 AM	10800.000	123.326	19.668	277.803	41730.289	46462.410	30.462	31.594	23.963
11/10/2016 1:15:00 AM	11700.000	123.342	19.676	277.839	41717.578	46439.660	30.446	31.579	23.971
11/10/2016 1:30:00 AM	12600.000	123.347	19.673	277.850	41697.828	46420.598	30.432	31.566	23.982
11/10/2016 1:45:00 AM	13500.000	123.373	19.676	277.910	41733.348	46457.551	30.459	31.591	23.962
11/10/2016 2:00:00 AM	14400.000	123.402	19.678	277.974	41720.305	46441.309	30.447	31.580	23.969
11/10/2016 2:15:00 AM	15300.000	123.397	19.674	277.963	41720.723	46445.645	30.450	31.583	23.969
11/10/2016 2:30:00 AM	16200.000	123.421	19.671	278.017	41718.742	46446.105	30.451	31.583	23.970
11/10/2016 2:45:00 AM	17100.000	123.455	19.660	278.094	41721.402	46460.082	30.460	31.593	23.969
11/10/2016 3:00:00 AM	18000.000	123.496	19.657	278.188	41706.164	46446.137	30.450	31.583	23.977
11/10/2016 3:15:00 AM	18900.000	123.518	19.666	278.236	41710.105	46441.402	30.447	31.580	23.975
11/10/2016 3:30:00 AM	19800.000	123.552	19.661	278.314	41738.676	46477.859	30.473	31.605	23.959
11/10/2016 3:45:00 AM	20700.000	123.593	19.658	278.406	41718.750	46459.293	30.460	31.592	23.970
11/10/2016 4:00:00 AM	21600.000	123.634	19.658	278.498	41686.293	46422.453	30.433	31.567	23.989
11/10/2016 4:15:00 AM	22500.000	123.666	19.664	278.570	41726.316	46461.777	30.462	31.594	23.966
11/10/2016 4:30:00 AM	23400.000	123.693	19.656	278.630	41705.969	46446.859	30.450	31.584	23.977
11/10/2016 4:45:00 AM	24300.000	123.754	19.652	278.767	41685.781	46427.828	30.436	31.571	23.989
11/10/2016 5:00:00 AM	25200.000	123.769	19.656	278.802	41710.473	46451.707	30.454	31.587	23.975
11/10/2016 5:15:00 AM	26100.000	123.810	19.655	278.894	41710.488	46452.926	30.455	31.588	23.975
11/10/2016 5:30:00 AM	27000.000	123.828	19.654	278.935	41697.004	46438.430	30.444	31.578	23.983
11/10/2016 5:45:00 AM	27900.000	123.861	19.662	279.010	41702.813	46437.242	30.444	31.577	23.979
11/10/2016 6:00:00 AM	28800.000	123.889	19.660	279.072	41707.039	46444.180	30.449	31.582	23.977
11/10/2016 6:15:00 AM	29700.000	123.894	19.656	279.084	41730.652	46474.605	30.471	31.603	23.963
11/10/2016 6:30:00 AM	30600.000	123.936	19.660	279.177	41689.570	46424.996	30.435	31.569	23.987
11/10/2016 6:45:00 AM	31500.000	123.933	19.663	279.171	41720.223	46456.191	30.458	31.590	23.969
11/10/2016 7:00:00 AM	32400.000	123.940	19.657	279.187	41698.434	46437.867	30.444	31.578	23.982
11/10/2016 7:15:00 AM	33300.000	123.961	19.655	279.235	41739.664	46485.684	30.479	31.610	23.958
11/10/2016 7:30:00 AM	34200.000	123.963	19.655	279.238	41716.539	46459.664	30.460	31.593	23.971
11/10/2016 7:45:00 AM	35100.000	123.951	19.659	279.213	41706.902	46444.977	30.449	31.583	23.977
11/10/2016 8:00:00 AM	36000.000	123.938	19.664	279.182	41681.277	46411.289	30.425	31.560	23.992
11/10/2016 8:15:00 AM	36900.000	123.934	19.663	279.173	41698.906	46431.777	30.440	31.574	23.981
11/10/2016 8:30:00 AM	37800.000	123.915	19.660	279.130	41722.121	46461.063	30.461	31.594	23.968
11/10/2016 8:45:00 AM	38700.000	123.896	19.655	279.087	41703.375	46444.492	30.449	31.582	23.979
11/10/2016 9:00:00 AM	39600.000	123.874	19.655	279.039	41710.051	46452.438	30.454	31.588	23.975
11/10/2016 9:15:00 AM	40500.000	123.851	19.658	278.986	41705.688	46444.480	30.449	31.582	23.978
11/10/2016 9:30:00 AM	41400.000	123.829	19.658	278.937	41721.781	46462.238	30.462	31.594	23.968
11/10/2016 9:45:00 AM	42300.000	123.794	19.660	278.857	41718.262	46456.848	30.458	31.591	23.970
11/10/2016 10:00:00 AM	43200.000	123.777	19.661	278.820	41729.086	46467.184	30.466	31.598	23.964
11/10/2016 10:15:00 AM	44100.000	123.736	19.661	278.728	41715.801	46452.988	30.455	31.588	23.972
11/10/2016 10:30:00 AM	45000.000	123.702	19.667	278.652	41723.410	46455.012	30.457	31.589	23.967
11/10/2016 10:45:00 AM	45900.000	123.680	19.661	278.602	41749.566	46490.586	30.483	31.614	23.952
11/10/2016 11:00:00 AM	46800.000	123.650	19.658	278.534	41725.938	46467.297	30.465	31.598	23.966
11/10/2016 11:15:00 AM	47700.000	123.619	19.657	278.464	41711.574	46452.500	30.455	31.588	23.974
11/10/2016 11:30:00 AM	48600.000	123.594	19.661	278.408	41723.336	46461.039	30.461	31.594	23.967
11/10/2016 11:45:00 AM	49500.000	123.560	19.666	278.332	41700.141	46430.742	30.439	31.573	23.981
11/10/2016 12:00:00 PM	50400.000	123.543	19.668	278.293	41711.203	46440.391	30.446	31.579	23.974
11/10/2016 12:15:00 PM	51300.000	123.503	19.662	278.203	41700.648	46434.914	30.442	31.576	23.980
11/10/2016 12:30:00 PM	52200.000	123.496	19.658	278.187	41674.750	46409.953	30.424	31.559	23.995
11/10/2016 12:45:00 PM	53100.000	123.480	19.661	278.150	41695.191	46429.613	30.438	31.572	23.984
11/10/2016 1:00:00 PM	54000.000	123.467	19.667	278.122	41732.406	46465.715	30.465	31.597	23.962
11/10/2016 1:15:00 PM	54900.000	123.454	19.673	278.091	41725.609	46452.383	30.455	31.588	23.966
11/10/2016 1:30:00 PM	55800.000	123.451	19.664	278.085	41732.816	46468.410	30.467	31.599	23.962
11/10/2016 1:45:00 PM	56700.000	123.451	19.669	278.085	41718.512	46447.578	30.452	31.584	23.970
11/10/2016 2:00:00 PM	57600.000	123.447	19.660	278.078	41712.063	46449.863	30.453	31.586	23.974
11/10/2016 2:15:00 PM	58500.000	123.462	19.655	278.109	41714.352	46457.492	30.458	31.591	23.973
11/10/2016 2:30:00 PM	59400.000	123.470	19.657	278.127	41695.125	46433.926	30.441	31.575	23.984
11/10/2016 2:45:00 PM	60300.000	123.486	19.656	278.163	41724.508	46467.680	30.466	31.598	23.967
11/10/2016 3:00:00 PM	61200.000	123.504	19.653	278.205	41693.191	46435.305	30.442	31.576	23.985
11/10/2016 3:15:00 PM	62100.000	123.524	19.651	278.249	41690.656	46434.539	30.441	31.575	23.986
11/10/2016 3:30:00 PM	63000.000	123.544	19.653	278.295	41718.191	46463.570	30.463	31.595	23.970
11/10/2016 3:45:00 PM	63900.000	123.568	19.659	278.348	41742.934	46485.020	30.478	31.610	23.956
11/10/2016 4:00:00 PM	64800.000	123.594	19.666	278.407	41684.914	46413.176	30.426	31.561	23.989
11/10/2016 4:15:00 PM	65700.000	123.619	19.664	278.465	41704.156	46437.266	30.444	31.577	23.978
11/10/2016 4:30:00 PM	66600.000	123.645	19.659	278.523	41715.109	46454.117	30.456	31.589	23.972
11/10/2016 4:45:00 PM	67500.000	123.672	19.664	278.583	41716.379	46450.715	30.454	31.586	23.971
11/10/2016 5:00:00 PM	68400.000	123.701	19.658	278.649	41698.652	46436.391	30.443	31.577	23.982
11/10/2016 5:15:00 PM	69300.000	123.726	19.654	278.704	41725.773	46470.379	30.468	31.600	23.966
11/10/2016 5:30:00 PM	70200.000	123.756	19.654	278.773	41668.203	46407.039	30.421	31.557	

23.999	1.021	14.744						
11/10/2016 5:45:00 PM	71100.000	123.771	19.654	278.806	41664.848	46402.527	30.418	31.554
24.001	1.021	14.741						
11/10/2016 6:00:00 PM	72000.000	123.791	19.660	278.850	41699.070	46435.477	30.442	31.576
23.981	1.021	14.748						
11/10/2016 6:15:00 PM	72900.000	123.806	19.660	278.885	41748.402	46489.809	30.482	31.613
23.953	1.021	14.744						
11/10/2016 6:30:00 PM	73800.000	123.821	19.654	278.919	41686.715	46426.879	30.436	31.570
23.988	1.021	14.745						
11/10/2016 6:45:00 PM	74700.000	123.835	19.653	278.951	41703.738	46447.730	30.451	31.584
23.979	1.021	14.740						
11/10/2016 7:00:00 PM	75600.000	123.839	19.656	278.960	41711.141	46452.621	30.455	31.588
23.974	1.021	14.744						
11/10/2016 7:15:00 PM	76500.000	123.843	19.656	278.969	41711.500	46453.191	30.455	31.588
23.974	1.021	14.745						
11/10/2016 7:30:00 PM	77400.000	123.841	19.651	278.965	41683.289	46426.680	30.435	31.570
23.990	1.021	14.741						
11/10/2016 7:45:00 PM	78300.000	123.840	19.653	278.961	41682.293	46423.422	30.433	31.568
23.991	1.021	14.742						
11/10/2016 8:00:00 PM	79200.000	123.828	19.650	278.934	41685.934	46430.492	30.438	31.573
23.989	1.021	14.750						
11/10/2016 8:15:00 PM	80100.000	123.822	19.652	278.920	41692.391	46435.793	30.442	31.576
23.985	1.021	14.743						
11/10/2016 8:30:00 PM	81000.000	123.798	19.652	278.867	41705.559	46450.801	30.453	31.587
23.978	1.021	14.748						
11/10/2016 8:45:00 PM	81900.000	123.782	19.650	278.831	41696.852	46442.820	30.447	31.581
23.983	1.021	14.751						
11/10/2016 9:00:00 PM	82800.000	123.759	19.654	278.780	41692.527	46433.617	30.441	31.575
23.985	1.021	14.744						
11/10/2016 9:15:00 PM	83700.000	123.731	19.648	278.716	41696.711	46444.473	30.448	31.582
23.983	1.021	14.751						
11/10/2016 9:30:00 PM	84600.000	123.703	19.648	278.653	41710.117	46458.895	30.459	31.592
23.975	1.021	14.754						
11/10/2016 9:45:00 PM	85500.000	123.675	19.657	278.590	41684.516	46422.367	30.433	31.567
23.990	1.021	14.748						
11/10/2016 10:00:00 PM	86400.000	123.636	19.670	278.502	41695.957	46421.855	30.433	31.567
23.983	1.021	14.752						
11/10/2016 10:15:00 PM	87300.000	123.605	19.674	278.433	41679.188	46399.488	30.417	31.552
23.993	1.021	14.752						
11/10/2016 10:30:00 PM	88200.000	123.576	19.667	278.367	41708.246	46438.129	30.445	31.578
23.976	1.021	14.749						
11/10/2016 10:45:00 PM	89100.000	123.536	19.661	278.276	41725.113	46462.836	30.462	31.595
23.966	1.021	14.754						
11/10/2016 11:00:00 PM	90000.000	123.511	19.657	278.221	41703.246	46442.449	30.447	31.581
23.979	1.021	14.754						
11/10/2016 11:15:00 PM	90900.000	123.478	19.655	278.146	41709.059	46451.684	30.454	31.587
23.976	1.021	14.751						
11/10/2016 11:30:00 PM	91800.000	123.439	19.655	278.058	41707.125	46449.016	30.452	31.585
23.977	1.021	14.758						
11/10/2016 11:45:00 PM	92700.000	123.414	19.666	278.003	41725.508	46458.715	30.460	31.592
23.966	1.021	14.757						
11/11/2016 12:00:00 AM	93600.000	123.392	19.663	277.953	41726.383	46463.051	30.463	31.595
23.966	1.021	14.756						
11/11/2016 12:15:00 AM	94500.000	123.369	19.663	277.900	41719.035	46454.445	30.456	31.589
23.970	1.021	14.759						
11/11/2016 12:30:00 AM	95400.000	123.343	19.658	277.843	41703.250	46441.848	30.447	31.580
23.979	1.021	14.762						
11/11/2016 12:45:00 AM	96300.000	123.341	19.668	277.838	41711.047	46440.734	30.447	31.580
23.974	1.021	14.755						
11/11/2016 1:00:00 AM	97200.000	123.324	19.670	277.800	41687.945	46412.695	30.426	31.561
23.988	1.021	14.759						
11/11/2016 1:15:00 AM	98100.000	123.322	19.660	277.796	41722.707	46461.461	30.461	31.594
23.968	1.021	14.759						
11/11/2016 1:30:00 AM	99000.000	123.327	19.655	277.805	41690.117	46430.074	30.438	31.572
23.986	1.021	14.757						
11/11/2016 1:45:00 AM	99900.000	123.326	19.658	277.804	41693.340	46430.473	30.439	31.573
23.985	1.021	14.752						
11/11/2016 2:00:00 AM	100800.000	123.334	19.652	277.823	41667.445	46407.488	30.422	31.557
24.000	1.021	14.758						
11/11/2016 2:15:00 AM	101700.000	123.356	19.654	277.870	41702.754	46445.438	30.449	31.583
23.979	1.021	14.751						
11/11/2016 2:30:00 AM	102600.000	123.366	19.652	277.895	41716.820	46462.910	30.462	31.595
23.971	1.021	14.752						
11/11/2016 2:45:00 AM	103500.000	123.384	19.651	277.934	41667.941	46409.074	30.423	31.558
23.999	1.021	14.753						
11/11/2016 3:00:00 AM	104400.000	123.405	19.649	277.982	41699.230	46446.074	30.450	31.583
23.981	1.021	14.752						
11/11/2016 3:15:00 AM	105300.000	123.443	19.653	278.067	41695.859	46438.277	30.444	31.578
23.983	1.021	14.745						
11/11/2016 3:30:00 AM	106200.000	123.465	19.651	278.118	41677.121	46419.207	30.430	31.565
23.994	1.021	14.754						
11/11/2016 3:45:00 AM	107100.000	123.479	19.648	278.148	41693.152	46440.754	30.446	31.580
23.985	1.021	14.744						
11/11/2016 4:00:00 AM	108000.000	123.549	19.646	278.305	41713.617	46464.855	30.463	31.596
23.973	1.021	14.743						
11/11/2016 4:15:00 AM	108900.000	123.584	19.654	278.385	41697.234	46438.688	30.444	31.578
23.982	1.021	14.744						
11/11/2016 4:30:00 AM	109800.000	123.628	19.654	278.485	41691.902	46432.746	30.440	31.574
23.985	1.021	14.743						
11/11/2016 4:45:00 AM	110700.000	123.670	19.651	278.579	41660.977	46401.402	30.417	31.553
24.003	1.021	14.745						
11/11/2016 5:00:00 AM	111600.000	123.698	19.653	278.642	41695.426	46437.613	30.444	31.578
23.983	1.021	14.751						
11/11/2016 5:15:00 AM	112500.000	123.750	19.651	278.758	41724.332	46471.883	30.469	31.601
23.967	1.021	14.744						
11/11/2016 5:30:00 AM	113400.000	123.788	19.652	278.844	41730.301	46477.578	30.473	31.605
23.963	1.021	14.746						
11/11/2016 5:45:00 AM	114300.000	123.822	19.657	278.922	41724.457	46466.426	30.465	31.597
23.967	1.021	14.751						
11/11/2016 6:00:00 AM	115200.000	123.869	19.659	279.027	41706.348	46444.531	30.449	31.582
23.977	1.021	14.741						
11/11/2016 6:15:00 AM	116100.000	123.890	19.664	279.074	41709.559	46442.781	30.448	31.581
23.975	1.021	14.745						
11/11/2016 6:30:00 AM	117000.000	123.915	19.672	279.130	41707.328	46432.535	30.441	31.574
23.977	1.021	14.750						
11/11/2016 6:45:00 AM	117900.000	123.939	19.671	279.184	41699.289	46425.055	30.435	31.569
23.981	1.021	14.753						
11/11/2016 7:00:00 AM	118800.000	123.961	19.669	279.235	41731.434	46462.223	30.462	31.594
23.963	1.021	14.755						
11/11/2016 7:15:00 AM	119700.000	123.977	19.671	279.270	41721.242	46449.406	30.453	31.586
23.969	1.021	14.754						
11/11/2016 7:30:00 AM	120600.000	123.986	19.666	279.290	41698.648	46428.391	30.437	31.571
23.982	1.021	14.756						
11/11/2016 7:45:00 AM	121500.000	123.991	19.670	279.302	41724.375	46453.410	30.456	31.588
23.967	1.021	14.756						
11/11/2016 8:00:00 AM	122400.000	123.992	19.652	279.304	41699.586	46443.445	30.448	31.582
23.981	1.021	14.753						
11/11/2016 8:15:00 AM	123300.000	123.983	19.652	279.283	41696.602	46440.047	30.445	31.579
23.983	1.021	14.764						
11/11/2016 8:30:00 AM	124200.000	123.976	19.656	279.267	41708.629	46449.656	30.453	31.586
23.976	1.021	14.760						
11/11/2016 8:45:00 AM	125100.000	123.964	19.663	279.240	41718.613	46453.801	30.456	31.589
23.970	1.021	14.758						
11/11/2016 9:00:00 AM	126000.000	123.955	19.654	279.220	41727.867	46472.801	30.469	31.602
23.965	1.021	14.759						
11/11/2016 9:15:00 AM	126900.000	123.918	19.654	279.137	41672.160	46411.105	30.424	31.560
23.997	1.021	14.768						
11/11/2016 9:30:00 AM	127800.000	123.899	19.659	279.095	41703.012	46440.563	30.446	31.580
23.979	1.021	14.765						
11/11/2016 9:45:00 AM	128700.000	123.865	19.655	279.017	41696.777	46437.738	30.444	31.578
23.983	1.021	14.766						
11/11/2016 10:00:00 AM	129600.000	123.837	19.650	278.954	41707.563	46454.227	30.456	31.589
23.976	1.021	14.766						

11/11/2016 10:15:00 AM	130500.000	123.806	19.652	278.885	41695.191	46438.551	30.444	31.578
23.984	1.021	14.760						
11/11/2016 10:30:00 AM	131400.000	123.766	19.656	278.795	41723.234	46465.922	30.464	31.597
23.967	1.021	14.759						
11/11/2016 10:45:00 AM	132300.000	123.726	19.656	278.704	41685.574	46423.723	30.434	31.568
23.989	1.021	14.759						
11/11/2016 11:00:00 AM	133200.000	123.686	19.653	278.614	41713.512	46458.020	30.458	31.591
23.973	1.021	14.763						
11/11/2016 11:15:00 AM	134100.000	123.650	19.653	278.535	41660.344	46399.324	30.416	31.552
24.004	1.021	14.755						
11/11/2016 11:30:00 AM	135000.000	123.606	19.659	278.434	41708.746	46447.203	30.451	31.584
23.976	1.021	14.761						
11/11/2016 11:45:00 AM	135900.000	123.562	19.663	278.336	41700.207	46433.563	30.441	31.575
23.981	1.021	14.755						
11/11/2016 12:00:00 PM	136800.000	123.529	19.667	278.261	41683.141	46410.945	30.425	31.559
23.991	1.021	14.755						
11/11/2016 12:15:00 PM	137700.000	123.489	19.666	278.171	41714.566	46446.887	30.451	31.584
23.972	1.021	14.755						
11/11/2016 12:30:00 PM	138600.000	123.456	19.659	278.098	41728.402	46469.258	30.467	31.599
23.964	1.021	14.758						
11/11/2016 12:45:00 PM	139500.000	123.426	19.653	278.029	41721.191	46466.746	30.465	31.597
23.969	1.021	14.754						
11/11/2016 1:00:00 PM	140400.000	123.402	19.652	277.975	41694.414	46438.047	30.444	31.578
23.984	1.021	14.755						
11/11/2016 1:15:00 PM	141300.000	123.372	19.654	277.908	41703.098	46445.387	30.449	31.583
23.979	1.021	14.757						
11/11/2016 1:30:00 PM	142200.000	123.352	19.655	277.863	41725.566	46469.801	30.467	31.599
23.966	1.021	14.758						
11/11/2016 1:45:00 PM	143100.000	123.333	19.656	277.819	41685.707	46424.293	30.434	31.569
23.989	1.021	14.760						
11/11/2016 2:00:00 PM	144000.000	123.311	19.660	277.769	41702.938	46439.785	30.445	31.579
23.979	1.021	14.765						
11/11/2016 2:15:00 PM	144900.000	123.323	19.662	277.797	41723.211	46460.477	30.461	31.593
23.967	1.021	14.744						
11/11/2016 2:30:00 PM	145800.000	123.314	19.654	277.778	41698.867	46440.848	30.446	31.580
23.981	1.021	14.761						
11/11/2016 2:45:00 PM	146700.000	123.322	19.650	277.795	41692.406	46437.191	30.443	31.577
23.985	1.021	14.761						
11/11/2016 3:00:00 PM	147600.000	123.318	19.655	277.786	41674.672	46412.699	30.425	31.561
23.995	1.021	14.770						
11/11/2016 3:15:00 PM	148500.000	123.335	19.662	277.825	41719.055	46455.410	30.457	31.590
23.970	1.021	14.760						
11/11/2016 3:30:00 PM	149400.000	123.345	19.664	277.847	41752.387	46490.203	30.483	31.613
23.951	1.021	14.766						
11/11/2016 3:45:00 PM	150300.000	123.362	19.662	277.884	41709.379	46445.074	30.449	31.583
23.975	1.021	14.771						
11/11/2016 4:00:00 PM	151200.000	123.397	19.669	277.963	41711.445	46439.711	30.446	31.579
23.974	1.021	14.762						
11/11/2016 4:15:00 PM	152100.000	123.418	19.660	278.011	41700.500	46436.648	30.443	31.577
23.981	1.021	14.765						
11/11/2016 4:30:00 PM	153000.000	123.446	19.661	278.074	41714.277	46451.039	30.454	31.587
23.973	1.021	14.765						
11/11/2016 4:45:00 PM	153900.000	123.472	19.660	278.133	41727.754	46467.082	30.465	31.598
23.965	1.021	14.771						
11/11/2016 5:00:00 PM	154800.000	123.510	19.660	278.219	41709.055	46446.332	30.450	31.584
23.976	1.021	14.769						
11/11/2016 5:15:00 PM	155700.000	123.546	19.660	278.300	41701.750	46438.461	30.444	31.578
23.980	1.021	14.770						
11/11/2016 5:30:00 PM	156600.000	123.571	19.657	278.355	41735.961	46479.320	30.474	31.606
23.960	1.021	14.773						
11/11/2016 5:45:00 PM	157500.000	123.607	19.664	278.437	41729.340	46465.055	30.464	31.596
23.964	1.021	14.775						
11/11/2016 6:00:00 PM	158400.000	123.630	19.662	278.489	41729.910	46467.414	30.466	31.598
23.964	1.021	14.780						
11/11/2016 6:15:00 PM	159300.000	123.669	19.653	278.576	41698.254	46441.457	30.446	31.580
23.982	1.021	14.778						
11/11/2016 6:30:00 PM	160200.000	123.688	19.655	278.619	41721.656	46465.023	30.464	31.596
23.968	1.021	14.778						
11/11/2016 6:45:00 PM	161100.000	123.718	19.655	278.686	41701.523	46443.289	30.448	31.581
23.980	1.021	14.779						
11/11/2016 7:00:00 PM	162000.000	123.741	19.666	278.738	41707.961	46439.016	30.445	31.579
23.976	1.021	14.775						
11/11/2016 7:15:00 PM	162900.000	123.760	19.661	278.781	41720.023	46457.348	30.458	31.591
23.969	1.021	14.770						
11/11/2016 7:30:00 PM	163800.000	123.777	19.662	278.820	41745.855	46485.594	30.479	31.610
23.954	1.021	14.773						
11/11/2016 7:45:00 PM	164700.000	123.791	19.658	278.852	41710.910	46450.379	30.453	31.586
23.975	1.021	14.759						
11/11/2016 8:00:00 PM	165600.000	123.808	19.651	278.889	41701.379	46446.910	30.450	31.584
23.980	1.021	14.761						
11/11/2016 8:15:00 PM	166500.000	123.805	19.651	278.884	41717.668	46464.461	30.463	31.596
23.971	1.021	14.759						
11/11/2016 8:30:00 PM	167400.000	123.816	19.652	278.908	41703.871	46447.977	30.451	31.585
23.979	1.021	14.754						
11/11/2016 8:45:00 PM	168300.000	123.808	19.656	278.889	41682.930	46421.555	30.432	31.567
23.991	1.021	14.761						
11/11/2016 9:00:00 PM	169200.000	123.797	19.660	278.865	41683.043	46417.629	30.429	31.564
23.991	1.021	14.764						
11/11/2016 9:15:00 PM	170100.000	123.785	19.659	278.839	41690.605	46426.746	30.436	31.570
23.986	1.021	14.759						
11/11/2016 9:30:00 PM	171000.000	123.760	19.668	278.781	41734.156	46466.027	30.465	31.597
23.961	1.021	14.760						
11/11/2016 9:45:00 PM	171900.000	123.753	19.669	278.765	41724.348	46454.074	30.456	31.589
23.967	1.021	14.762						
11/11/2016 10:00:00 PM	172800.000	123.719	19.666	278.690	41742.609	46477.242	30.473	31.605
23.956	1.021	14.777						
11/11/2016 10:15:00 PM	173700.000	123.687	19.659	278.617	41710.809	46449.160	30.452	31.585
23.975	1.021	14.777						
11/11/2016 10:30:00 PM	174600.000	123.674	19.664	278.589	41703.727	46435.922	30.443	31.576
23.979	1.021	14.766						
11/11/2016 10:45:00 PM	175500.000	123.640	19.663	278.511	41685.574	46416.930	30.429	31.564
23.989	1.021	14.773						
11/11/2016 11:00:00 PM	176400.000	123.609	19.659	278.442	41695.414	46431.926	30.440	31.574
23.983	1.021	14.776						
11/11/2016 11:15:00 PM	177300.000	123.570	19.654	278.355	41733.023	46478.719	30.474	31.606
23.962	1.021	14.781						
11/11/2016 11:30:00 PM	178200.000	123.541	19.671	278.289	41742.430	46472.480	30.470	31.601
23.956	1.021	14.782						
11/11/2016 11:45:00 PM	179100.000	123.510	19.674	278.218	41708.449	46431.910	30.440	31.574
23.976	1.021	14.781						
11/12/2016 12:00:00 AM	180000.000	123.484	19.670	278.159	41725.902	46455.375	30.457	31.590
23.966	1.021	14.774						
11/12/2016 12:15:00 AM	180900.000	123.451	19.669	278.086	41713.637	46442.836	30.448	31.581
23.973	1.021	14.773						
11/12/2016 12:30:00 AM	181800.000	123.429	19.675	278.035	41733.211	46458.348	30.460	31.592
23.962	1.021	14.778						
11/12/2016 12:45:00 AM	182700.000	123.393	19.676	277.956	41742.246	46467.367	30.466	31.598
23.957	1.021	14.783						
11/12/2016 1:00:00 AM	183600.000	123.381	19.680	277.928	41737.293	46457.813	30.460	31.591
23.959	1.021	14.776						
11/12/2016 1:15:00 AM	184500.000	123.359	19.678	277.878	41723.898	46444.625	30.450	31.582
23.967	1.021	14.777						
11/12/2016 1:30:00 AM	185400.000	123.356	19.675	277.870	41727.047	46451.230	30.455	31.587
23.965	1.021	14.777						
11/12/2016 1:45:00 AM	186300.000	123.341	19.671	277.838	41714.844	46442.203	30.448	31.581
23.972	1.021	14.780						
11/12/2016 2:00:00 AM	187200.000	123.326	19.671	277.803	41739.723	46469.301	30.468	31.599
23.958	1.021	14.785						
11/12/2016 2:15:00 AM	188100.000	123.339	19.672	277.833	41763.828	46495.434	30.487	31.617
23.944	1.021	14.778						
11/12/2016 2:30:00 AM	189000.000	123.367	19.673	277.896	41710.707	46435.699	30.443	31.576
23.975	1.021	14.780						
11/12/2016 2:45:00 AM	189900.000	123.354	19.674	277.866	41749.102	46477.238	30.473	31.605

23.953	1.021	14.781						
11/12/2016 3:00:00 AM	190800.000	123.364	19.675	277.890	41741.055	46467.164	30.466	31.598
23.957	1.021	14.783						
11/12/2016 3:15:00 AM	191700.000	123.380	19.672	277.926	41735.414	46463.984	30.464	31.596
23.960	1.021	14.780						
11/12/2016 3:30:00 AM	192600.000	123.399	19.674	277.969	41737.230	46463.594	30.463	31.595
23.959	1.021	14.786						
11/12/2016 3:45:00 AM	193500.000	123.426	19.667	278.029	41725.441	46457.879	30.459	31.591
23.966	1.021	14.778						
11/12/2016 4:00:00 AM	194400.000	123.472	19.672	278.132	41708.688	46434.410	30.442	31.575
23.976	1.021	14.783						
11/12/2016 4:15:00 AM	195300.000	123.508	19.667	278.213	41740.301	46474.250	30.471	31.602
23.958	1.021	14.783						
11/12/2016 4:30:00 AM	196200.000	123.540	19.664	278.287	41711.969	46446.059	30.450	31.583
23.974	1.021	14.783						
11/12/2016 4:45:00 AM	197100.000	123.574	19.655	278.361	41701.527	46442.691	30.447	31.581
23.980	1.021	14.784						
11/12/2016 5:00:00 AM	198000.000	123.635	19.654	278.500	41700.953	46443.172	30.448	31.581
23.980	1.021	14.778						
11/12/2016 5:15:00 AM	198900.000	123.678	19.649	278.597	41694.418	46440.375	30.445	31.579
23.984	1.021	14.784						
11/12/2016 5:30:00 AM	199800.000	123.720	19.649	278.691	41685.461	46430.398	30.438	31.573
23.989	1.021	14.778						
11/12/2016 5:45:00 AM	200700.000	123.766	19.651	278.795	41694.324	46438.461	30.444	31.578
23.984	1.021	14.775						
11/12/2016 6:00:00 AM	201600.000	123.804	19.649	278.880	41694.703	46441.121	30.446	31.580
23.984	1.021	14.791						
11/12/2016 6:15:00 AM	202500.000	123.850	19.648	278.985	41714.094	46463.836	30.463	31.595
23.973	1.021	14.784						
11/12/2016 6:30:00 AM	203400.000	123.890	19.647	279.075	41689.035	46437.047	30.443	31.577
23.987	1.021	14.786						
11/12/2016 6:45:00 AM	204300.000	123.925	19.649	279.153	41675.918	46420.281	30.431	31.566
23.995	1.021	14.789						
11/12/2016 7:00:00 AM	205200.000	123.957	19.648	279.226	41720.137	46470.219	30.467	31.600
23.969	1.021	14.792						
11/12/2016 7:15:00 AM	206100.000	123.980	19.649	279.276	41701.750	46449.398	30.452	31.586
23.980	1.021	14.794						
11/12/2016 7:30:00 AM	207000.000	124.008	19.647	279.341	41683.359	46430.203	30.438	31.573
23.990	1.021	14.800						
11/12/2016 7:45:00 AM	207900.000	124.026	19.657	279.382	41709.707	46450.000	30.453	31.586
23.975	1.021	14.801						
11/12/2016 8:00:00 AM	208800.000	124.035	19.656	279.400	41709.113	46450.715	30.453	31.586
23.976	1.021	14.798						
11/12/2016 8:15:00 AM	209700.000	124.039	19.653	279.411	41686.887	46428.797	30.437	31.572
23.988	1.021	14.805						
11/12/2016 8:30:00 AM	210600.000	124.044	19.652	279.421	41697.816	46441.316	30.446	31.580
23.982	1.021	14.808						
11/12/2016 8:45:00 AM	211500.000	124.039	19.656	279.410	41704.313	46444.848	30.449	31.582
23.978	1.021	14.811						
11/12/2016 9:00:00 AM	212400.000	124.031	19.657	279.393	41688.531	46426.754	30.436	31.570
23.987	1.021	14.802						
11/12/2016 9:15:00 AM	213300.000	124.012	19.662	279.350	41702.664	46437.242	30.444	31.577
23.979	1.021	14.806						
11/12/2016 9:30:00 AM	214200.000	123.977	19.671	279.271	41691.523	46416.070	30.429	31.563
23.986	1.021	14.803						
11/12/2016 9:45:00 AM	215100.000	123.967	19.672	279.247	41765.598	46497.770	30.488	31.618
23.943	1.021	14.803						
11/12/2016 10:00:00 AM	216000.000	123.934	19.666	279.174	41732.176	46466.410	30.465	31.597
23.962	1.021	14.802						
11/12/2016 10:15:00 AM	216900.000	123.894	19.674	279.084	41731.582	46457.141	30.459	31.591
23.963	1.021	14.804						
11/12/2016 10:30:00 AM	217800.000	123.857	19.674	279.001	41716.039	46439.836	30.446	31.579
23.972	1.021	14.802						
11/12/2016 10:45:00 AM	218700.000	123.824	19.673	278.925	41743.605	46471.559	30.469	31.601
23.956	1.021	14.794						
11/12/2016 11:00:00 AM	219600.000	123.770	19.672	278.805	41726.676	46454.074	30.456	31.589
23.965	1.021	14.795						
11/12/2016 11:15:00 AM	220500.000	123.728	19.669	278.711	41734.082	46465.172	30.464	31.596
23.961	1.021	14.792						
11/12/2016 11:30:00 AM	221400.000	123.671	19.673	278.582	41722.180	46448.051	30.452	31.585
23.968	1.021	14.789						
11/12/2016 11:45:00 AM	222300.000	123.668	19.664	278.573	41678.273	46408.539	30.423	31.558
23.993	1.021	14.784						
11/12/2016 12:00:00 PM	223200.000	123.589	19.655	278.397	41674.234	46412.727	30.425	31.561
23.996	1.021	14.779						
11/12/2016 12:15:00 PM	224100.000	123.549	19.658	278.307	41719.402	46460.020	30.460	31.593
23.970	1.021	14.776						
11/12/2016 12:30:00 PM	225000.000	123.501	19.662	278.197	41714.523	46450.449	30.453	31.586
23.972	1.021	14.772						
11/12/2016 12:45:00 PM	225900.000	123.455	19.664	278.094	41726.879	46462.570	30.462	31.595
23.965	1.021	14.774						
11/12/2016 1:00:00 PM	226800.000	123.407	19.664	277.987	41721.145	46456.102	30.458	31.590
23.969	1.021	14.771						
11/12/2016 1:15:00 PM	227700.000	123.362	19.667	277.884	41711.164	46441.980	30.447	31.581
23.974	1.021	14.774						
11/12/2016 1:30:00 PM	228600.000	123.330	19.671	277.812	41737.105	46466.207	30.465	31.597
23.959	1.021	14.764						
11/12/2016 1:45:00 PM	229500.000	123.299	19.675	277.744	41681.395	46400.840	30.418	31.553
23.992	1.021	14.770						
11/12/2016 2:00:00 PM	230400.000	123.257	19.675	277.648	41752.551	46479.441	30.475	31.606
23.951	1.021	14.779						
11/12/2016 2:15:00 PM	231300.000	123.241	19.667	277.612	41735.871	46469.391	30.467	31.599
23.960	1.021	14.772						
11/12/2016 2:30:00 PM	232200.000	123.224	19.665	277.575	41724.914	46458.570	30.459	31.592
23.966	1.021	14.773						
11/12/2016 2:45:00 PM	233100.000	123.207	19.662	277.535	41676.691	46408.758	30.423	31.558
23.994	1.021	14.770						
11/12/2016 3:00:00 PM	234000.000	123.199	19.660	277.517	41693.855	46429.160	30.438	31.572
23.984	1.021	14.775						
11/12/2016 3:15:00 PM	234900.000	123.186	19.672	277.488	41707.961	46433.602	30.441	31.575
23.976	1.021	14.775						
11/12/2016 3:30:00 PM	235800.000	123.219	19.677	277.562	41745.129	46469.199	30.468	31.599
23.955	1.021	14.773						
11/12/2016 3:45:00 PM	236700.000	123.195	19.677	277.509	41729.836	46452.270	30.455	31.588
23.964	1.021	14.771						
11/12/2016 4:00:00 PM	237600.000	123.208	19.675	277.538	41696.789	46417.805	30.430	31.564
23.983	1.021	14.767						
11/12/2016 4:15:00 PM	238500.000	123.219	19.676	277.563	41750.797	46477.070	30.473	31.604
23.952	1.021	14.775						
11/12/2016 4:30:00 PM	239400.000	123.249	19.670	277.630	41755.059	46488.004	30.481	31.612
23.949	1.021	14.773						
11/12/2016 4:45:00 PM	240300.000	123.275	19.676	277.690	41740.941	46465.840	30.465	31.597
23.957	1.021	14.775						
11/12/2016 5:00:00 PM	241200.000	123.297	19.673	277.738	41729.246	46455.574	30.458	31.590
23.964	1.021	14.777						
11/12/2016 5:15:00 PM	242100.000	123.320	19.675	277.790	41722.258	46446.059	30.451	31.583
23.968	1.021	14.778						
11/12/2016 5:30:00 PM	243000.000	123.356	19.673	277.872	41704.176	46428.523	30.438	31.571
23.978	1.021	14.778						
11/12/2016 5:45:00 PM	243900.000	123.391	19.673	277.949	41734.574	46462.273	30.462	31.594
23.961	1.021	14.782						
11/12/2016 6:00:00 PM	244800.000	123.436	19.673	278.052	41689.660	46412.098	30.426	31.560
23.987	1.021	14.779						
11/12/2016 6:15:00 PM	245700.000	123.476	19.674	278.142	41678.105	46397.773	30.415	31.550
23.993	1.021	14.785						
11/12/2016 6:30:00 PM	246600.000	123.509	19.674	278.216	41720.770	46445.270	30.450	31.583
23.969	1.021	14.780						
11/12/2016 6:45:00 PM	247500.000	123.553	19.674	278.316	41747.793	46475.867	30.472	31.604
23.953	1.021	14.780						
11/12/2016 7:00:00 PM	248400.000	123.580	19.667	278.376	41694.777	46423.738	30.434	31.568
23.984	1.021	14.784						
11/12/2016 7:15:00 PM	249300.000	123.620	19.669	278.466	41712.406	46441.465	30.447	31.580
23.974	1.021	14.783						

11/12/2016 7:30:00 PM	250200.000	123.659	19.673	278.554	41718.070	46443.641	30.449	31.582	23.970
1.021	14.774								
11/12/2016 7:45:00 PM	251100.000	123.683	19.672	278.608	41729.891	46457.918	30.459	31.591	23.964
1.021	14.774								
11/12/2016 8:00:00 PM	252000.000	123.707	19.667	278.663	41722.113	46453.652	30.456	31.588	23.968
1.021	14.777								
11/12/2016 8:15:00 PM	252900.000	123.740	19.652	278.737	41708.191	46452.953	30.455	31.588	23.976
1.021	14.774								
11/12/2016 8:30:00 PM	253800.000	123.759	19.654	278.779	41692.633	46433.645	30.441	31.575	23.985
1.021	14.782								
11/12/2016 8:45:00 PM	254700.000	123.774	19.648	278.814	41662.344	46406.191	30.420	31.556	24.002
1.021	14.782								
11/12/2016 9:00:00 PM	255600.000	123.780	19.648	278.827	41674.516	46419.750	30.430	31.565	23.995
1.021	14.783								
11/12/2016 9:15:00 PM	256500.000	123.790	19.665	278.848	41722.531	46456.621	30.458	31.591	23.968
1.021	14.783								
11/12/2016 9:30:00 PM	257400.000	123.782	19.661	278.832	41720.590	46458.320	30.459	31.592	23.969
1.021	14.784								
11/12/2016 9:45:00 PM	258300.000	123.780	19.656	278.827	41685.844	46424.023	30.434	31.568	23.989
1.021	14.790								
11/12/2016 10:00:00 PM	259200.000	123.779	19.654	278.825	41722.266	46467.426	30.465	31.598	23.968
1.021	14.788								
11/12/2016 10:15:00 PM	260100.000	123.748	19.663	278.755	41752.844	46491.746	30.484	31.614	23.950
1.021	14.797								
11/12/2016 10:30:00 PM	261000.000	123.730	19.670	278.714	41733.445	46463.941	30.464	31.595	23.962
1.021	14.797								
11/12/2016 10:45:00 PM	261900.000	123.717	19.668	278.685	41714.277	46444.582	30.449	31.582	23.973
1.021	14.798								
11/12/2016 11:00:00 PM	262800.000	123.684	19.668	278.611	41705.086	46433.578	30.441	31.575	23.978
1.021	14.801								
11/12/2016 11:15:00 PM	263700.000	123.664	19.668	278.565	41694.254	46421.430	30.432	31.567	23.984
1.021	14.793								
11/12/2016 11:30:00 PM	264600.000	123.636	19.670	278.502	41731.953	46462.195	30.462	31.594	23.962
1.021	14.795								
11/12/2016 11:45:00 PM	265500.000	123.607	19.670	278.438	41747.969	46479.340	30.475	31.606	23.953
1.021	14.801								
11/13/2016 12:00:00 AM	266400.000	123.578	19.669	278.372	41740.543	46472.621	30.470	31.601	23.958
1.021	14.792								
11/13/2016 12:15:00 AM	267300.000	123.548	19.669	278.304	41739.324	46470.660	30.468	31.600	23.958
1.021	14.794								
11/13/2016 12:30:00 AM	268200.000	123.514	19.665	278.227	41733.828	46469.199	30.467	31.599	23.961
1.021	14.793								
11/13/2016 12:45:00 AM	269100.000	123.481	19.660	278.154	41717.563	46455.465	30.457	31.590	23.971
1.021	14.795								
11/13/2016 1:00:00 AM	270000.000	123.453	19.659	278.091	41692.105	46428.414	30.437	31.571	23.985
1.021	14.792								
11/13/2016 1:15:00 AM	270900.000	123.438	19.660	278.057	41689.828	46425.102	30.435	31.569	23.987
1.021	14.792								
11/13/2016 1:30:00 AM	271800.000	123.406	19.653	277.985	41710.008	46454.035	30.456	31.589	23.975
1.021	14.795								
11/13/2016 1:45:00 AM	272700.000	123.385	19.647	277.937	41651.535	46394.672	30.412	31.548	24.009
1.021	14.799								
11/13/2016 2:00:00 AM	273600.000	123.370	19.650	277.902	41719.633	46468.277	30.466	31.598	23.970
1.021	14.799								
11/13/2016 2:15:00 AM	274500.000	123.359	19.653	277.877	41675.777	46416.590	30.428	31.563	23.995
1.021	14.794								
11/13/2016 2:30:00 AM	275400.000	123.351	19.654	277.860	41722.711	46467.230	30.465	31.598	23.968
1.021	14.796								
11/13/2016 2:45:00 AM	276300.000	123.339	19.664	277.834	41715.262	46449.727	30.453	31.586	23.972
1.021	14.801								
11/13/2016 3:00:00 AM	277200.000	123.337	19.667	277.829	41712.848	46443.855	30.449	31.582	23.973
1.021	14.796								
11/13/2016 3:15:00 AM	278100.000	123.344	19.665	277.845	41696.145	46426.539	30.436	31.570	23.983
1.021	14.796								
11/13/2016 3:30:00 AM	279000.000	123.359	19.672	277.877	41725.055	46452.113	30.455	31.587	23.966
1.021	14.790								
11/13/2016 3:45:00 AM	279900.000	123.363	19.670	277.888	41741.148	46472.012	30.469	31.601	23.957
1.021	14.795								
11/13/2016 4:00:00 AM	280800.000	123.389	19.667	277.945	41695.695	46424.320	30.434	31.569	23.983
1.021	14.788								
11/13/2016 4:15:00 AM	281700.000	123.419	19.659	278.014	41729.426	46469.719	30.467	31.599	23.964
1.021	14.791								
11/13/2016 4:30:00 AM	282600.000	123.454	19.654	278.093	41694.824	46436.176	30.443	31.577	23.984
1.021	14.793								
11/13/2016 4:45:00 AM	283500.000	123.484	19.656	278.160	41713.625	46454.875	30.456	31.589	23.973
1.021	14.796								
11/13/2016 5:00:00 AM	284400.000	123.530	19.655	278.264	41702.230	46443.730	30.448	31.582	23.980
1.021	14.797								
11/13/2016 5:15:00 AM	285300.000	123.563	19.657	278.337	41713.988	46455.012	30.456	31.589	23.973
1.021	14.798								
11/13/2016 5:30:00 AM	286200.000	123.610	19.660	278.444	41722.391	46460.934	30.461	31.593	23.968
1.021	14.792								
11/13/2016 5:45:00 AM	287100.000	123.652	19.670	278.537	41716.828	46445.355	30.450	31.583	23.971
1.021	14.796								
11/13/2016 6:00:00 AM	288000.000	123.688	19.667	278.620	41772.500	46509.926	30.497	31.627	23.939
1.021	14.801								
11/13/2016 6:15:00 AM	288900.000	123.739	19.670	278.735	41706.055	46433.016	30.441	31.574	23.977
1.021	14.800								
11/13/2016 6:30:00 AM	289800.000	123.781	19.672	278.830	41718.484	46444.543	30.449	31.582	23.970
1.021	14.803								
11/13/2016 6:45:00 AM	290700.000	123.834	19.669	278.949	41711.855	46440.258	30.446	31.579	23.974
1.021	14.805								
11/13/2016 7:00:00 AM	291600.000	123.868	19.673	279.026	41754.074	46483.297	30.478	31.609	23.950
1.021	14.810								
11/13/2016 7:15:00 AM	292500.000	123.914	19.675	279.129	41744.898	46471.699	30.469	31.601	23.955
1.021	14.807								
11/13/2016 7:30:00 AM	293400.000	123.941	19.673	279.188	41742.703	46471.238	30.469	31.600	23.956
1.021	14.818								
11/13/2016 7:45:00 AM	294300.000	123.980	19.672	279.277	41744.684	46474.484	30.471	31.603	23.955
1.021	14.813								
11/13/2016 8:00:00 AM	295200.000	124.017	19.667	279.361	41712.293	46442.891	30.448	31.581	23.974
1.021	14.811								
11/13/2016 8:15:00 AM	296100.000	124.033	19.657	279.397	41701.586	46440.863	30.446	31.580	23.980
1.021	14.820								
11/13/2016 8:30:00 AM	297000.000	124.063	19.653	279.463	41709.117	46453.465	30.455	31.588	23.976
1.021	14.811								
11/13/2016 8:45:00 AM	297900.000	124.061	19.659	279.458	41688.078	46424.012	30.434	31.568	23.988
1.021	14.818								
11/13/2016 9:00:00 AM	298800.000	124.067	19.659	279.473	41735.094	46475.848	30.472	31.604	23.961
1.021	14.816								
11/13/2016 9:15:00 AM	299700.000	124.065	19.659	279.468	41714.746	46453.629	30.456	31.588	23.972
1.021	14.813								
11/13/2016 9:30:00 AM	300600.000	124.067	19.655	279.472	41710.980	46453.309	30.455	31.588	23.975
1.021	14.813								
11/13/2016 9:45:00 AM	301500.000	124.052	19.652	279.440	41692.980	46435.848	30.442	31.576	23.985
1.021	14.815								
11/13/2016 10:00:00 AM	302400.000	124.020	19.659	279.368	41700.227	46437.203	30.444	31.577	23.981
1.021	14.824								
11/13/2016 10:15:00 AM	303300.000	124.011	19.655	279.347	41723.047	46466.840	30.465	31.597	23.968
1.021	14.810								
11/13/2016 10:30:00 AM	304200.000	123.983	19.658	279.285	41718.465	46459.230	30.460	31.592	23.970
1.021	14.816								
11/13/2016 10:45:00 AM	305100.000	123.945	19.657	279.199	41719.496	46461.066	30.461	31.594	23.970
1.021	14.817								
11/13/2016 11:00:00 AM	306000.000	123.902	19.658	279.101	41713.203	46452.934	30.455	31.588	23.973
1.021	14.812								
11/13/2016 11:15:00 AM	306900.000	123.852	19.667	278.989	41729.168	46461.930	30.462	31.594	23.964
1.021	14.816								
11/13/2016 11:30:00 AM	307800.000	123.813	19.668	278.901	41739.875	46472.652	30.470	31.601	23.958
1.021	14.811								
11/13/2016 11:45:00 AM	308700.000	123.760	19.662	278.782	41746.043	46485.035	30.479	31.610	23.954
1.021	14.810								
11/13/2016 12:00:00 PM	309600.000	123.704	19.657	278.656	41708.098	46448.023	30.451	31.585	

23.976	1.021	14.804						
11/13/2016 12:15:00 PM	310500.000	123.658	19.656	278.552	41736.395	46480.742	30.475	31.607
23.960	1.021	14.799						
11/13/2016 12:30:00 PM	311400.000	123.601	19.658	278.423	41723.262	46463.977	30.463	31.596
23.967	1.021	14.803						
11/13/2016 12:45:00 PM	312300.000	123.533	19.660	278.271	41731.188	46470.730	30.468	31.600
23.963	1.021	14.805						
11/13/2016 1:00:00 PM	313200.000	123.478	19.660	278.147	41714.156	46451.508	30.454	31.587
23.973	1.021	14.802						
11/13/2016 1:15:00 PM	314100.000	123.431	19.658	278.041	41721.996	46462.297	30.462	31.594
23.968	1.021	14.805						
11/13/2016 1:30:00 PM	315000.000	123.379	19.660	277.923	41705.469	46442.180	30.447	31.581
23.978	1.021	14.803						
11/13/2016 1:45:00 PM	315900.000	123.336	19.662	277.827	41703.652	46437.922	30.444	31.578
23.979	1.021	14.796						
11/13/2016 2:00:00 PM	316800.000	123.280	19.665	277.701	41719.227	46452.332	30.455	31.588
23.970	1.021	14.801						
11/13/2016 2:15:00 PM	317700.000	123.236	19.662	277.602	41720.828	46457.211	30.458	31.591
23.969	1.021	14.797						
11/13/2016 2:30:00 PM	318600.000	123.193	19.661	277.503	41752.148	46493.641	30.485	31.616
23.951	1.021	14.800						
11/13/2016 2:45:00 PM	319500.000	123.171	19.661	277.454	41772.285	46516.063	30.501	31.631
23.939	1.021	14.795						
11/13/2016 3:00:00 PM	320400.000	123.134	19.662	277.370	41746.711	46485.867	30.479	31.610
23.954	1.021	14.802						
11/13/2016 3:15:00 PM	321300.000	123.108	19.668	277.312	41706.297	46435.445	30.443	31.576
23.977	1.021	14.801						
11/13/2016 3:30:00 PM	322200.000	123.081	19.671	277.252	41717.914	46445.789	30.450	31.583
23.971	1.021	14.802						
11/13/2016 3:45:00 PM	323100.000	123.074	19.674	277.235	41722.016	46446.828	30.451	31.584
23.968	1.021	14.805						
11/13/2016 4:00:00 PM	324000.000	123.065	19.668	277.216	41750.496	46484.395	30.478	31.609
23.952	1.021	14.801						
11/13/2016 4:15:00 PM	324900.000	123.069	19.671	277.225	41729.234	46457.441	30.459	31.591
23.964	1.021	14.803						
11/13/2016 4:30:00 PM	325800.000	123.073	19.674	277.234	41728.789	46454.281	30.457	31.589
23.964	1.021	14.801						
11/13/2016 4:45:00 PM	326700.000	123.072	19.679	277.231	41753.188	46476.887	30.473	31.604
23.950	1.021	14.807						
11/13/2016 5:00:00 PM	327600.000	123.101	19.670	277.296	41672.738	46395.766	30.414	31.549
23.997	1.021	14.801						
11/13/2016 5:15:00 PM	328500.000	123.123	19.672	277.346	41721.902	46448.348	30.452	31.585
23.968	1.021	14.803						
11/13/2016 5:30:00 PM	329400.000	123.152	19.665	277.413	41723.965	46458.383	30.459	31.592
23.967	1.021	14.802						
11/13/2016 5:45:00 PM	330300.000	123.180	19.672	277.476	41748.148	46477.906	30.474	31.605
23.953	1.021	14.808						
11/13/2016 6:00:00 PM	331200.000	123.217	19.672	277.559	41680.824	46402.613	30.419	31.554
23.992	1.021	14.800						
11/13/2016 6:15:00 PM	332100.000	123.250	19.673	277.633	41725.543	46452.309	30.455	31.588
23.966	1.021	14.806						
11/13/2016 6:30:00 PM	333000.000	123.296	19.670	277.735	41685.574	46410.395	30.424	31.559
23.989	1.021	14.805						
11/13/2016 6:45:00 PM	333900.000	123.334	19.673	277.821	41726.168	46452.492	30.455	31.588
23.966	1.021	14.809						
11/13/2016 7:00:00 PM	334800.000	123.381	19.674	277.928	41733.383	46459.914	30.461	31.593
23.962	1.021	14.809						
11/13/2016 7:15:00 PM	335700.000	123.415	19.668	278.004	41720.441	46450.758	30.454	31.587
23.969	1.021	14.818						
11/13/2016 7:30:00 PM	336600.000	123.473	19.667	278.136	41704.164	46434.090	30.442	31.575
23.978	1.021	14.815						
11/13/2016 7:45:00 PM	337500.000	123.514	19.665	278.228	41715.258	46447.910	30.452	31.585
23.972	1.021	14.814						
11/13/2016 8:00:00 PM	338400.000	123.560	19.659	278.332	41711.629	46450.414	30.453	31.586
23.974	1.021	14.812						
11/13/2016 8:15:00 PM	339300.000	123.592	19.665	278.403	41753.578	46490.488	30.483	31.614
23.950	1.021	14.813						
11/13/2016 8:30:00 PM	340200.000	123.631	19.657	278.492	41736.852	46480.395	30.475	31.607
23.960	1.021	14.811						
11/13/2016 8:45:00 PM	341100.000	123.665	19.656	278.569	41707.188	46448.570	30.452	31.585
23.977	1.021	14.810						
11/13/2016 9:00:00 PM	342000.000	123.692	19.655	278.628	41679.207	46417.578	30.429	31.564
23.993	1.021	14.813						
11/13/2016 9:15:00 PM	342900.000	123.717	19.664	278.685	41740.723	46478.074	30.474	31.605
23.957	1.021	14.817						
11/13/2016 9:30:00 PM	343800.000	123.735	19.668	278.724	41699.629	46427.762	30.437	31.571
23.981	1.021	14.818						
11/13/2016 9:45:00 PM	344700.000	123.756	19.673	278.772	41716.480	46442.223	30.448	31.581
23.971	1.021	14.813						
11/13/2016 10:00:00 PM	345600.000	123.761	19.672	278.785	41738.742	46467.953	30.467	31.598
23.959	1.021	14.817						
11/13/2016 10:15:00 PM	346500.000	123.762	19.671	278.787	41711.297	46437.473	30.444	31.577
23.974	1.021	14.822						
11/13/2016 10:30:00 PM	347400.000	123.770	19.666	278.804	41701.758	46432.359	30.440	31.574
23.980	1.021	14.819						
11/13/2016 10:45:00 PM	348300.000	123.768	19.661	278.799	41712.145	46448.492	30.452	31.585
23.974	1.021	14.818						
11/13/2016 11:00:00 PM	349200.000	123.758	19.665	278.777	41714.477	46447.133	30.451	31.584
23.972	1.021	14.819						
11/13/2016 11:15:00 PM	350100.000	123.745	19.669	278.748	41714.574	46443.965	30.449	31.582
23.972	1.021	14.818						
11/13/2016 11:30:00 PM	351000.000	123.720	19.667	278.692	41747.449	46481.777	30.476	31.608
23.954	1.021	14.823						
11/13/2016 11:45:00 PM	351900.000	123.713	19.661	278.674	41733.660	46472.965	30.470	31.602
23.961	1.021	14.815						
11/14/2016 12:00:00 AM	352800.000	123.682	19.663	278.605	41695.473	46428.293	30.437	31.571
23.983	1.021	14.821						
11/14/2016 12:15:00 AM	353700.000	123.662	19.656	278.562	41723.992	46466.930	30.465	31.598
23.967	1.021	14.814						
11/14/2016 12:30:00 AM	354600.000	123.629	19.660	278.487	41722.688	46461.172	30.461	31.594
23.968	1.021	14.817						
11/14/2016 12:45:00 AM	355500.000	123.603	19.669	278.427	41717.223	46446.480	30.451	31.584
23.971	1.021	14.815						
11/14/2016 1:00:00 AM	356400.000	123.571	19.668	278.355	41732.004	46464.070	30.464	31.596
23.962	1.021	14.816						
11/14/2016 1:15:00 AM	357300.000	123.546	19.659	278.299	41737.699	46478.832	30.474	31.606
23.959	1.021	14.815						
11/14/2016 1:30:00 AM	358200.000	123.521	19.655	278.243	41736.750	46482.098	30.476	31.608
23.960	1.021	14.813						
11/14/2016 1:45:00 AM	359100.000	123.490	19.659	278.174	41741.719	46484.012	30.478	31.609
23.957	1.021	14.814						
11/14/2016 2:00:00 AM	360000.000	123.467	19.655	278.121	41728.477	46472.797	30.469	31.602
23.964	1.021	14.818						
11/14/2016 2:15:00 AM	360900.000	123.448	19.654	278.078	41718.238	46462.598	30.462	31.595
23.970	1.021	14.816						
11/14/2016 2:30:00 AM	361800.000	123.433	19.654	278.045	41698.102	46439.918	30.445	31.579
23.982	1.021	14.808						
11/14/2016 2:45:00 AM	362700.000	123.419	19.654	278.013	41706.164	46449.055	30.452	31.585
23.977	1.021	14.815						
11/14/2016 3:00:00 AM	363600.000	123.404	19.659	277.979	41747.047	46489.945	30.482	31.613
23.954	1.021	14.813						
11/14/2016 3:15:00 AM	364500.000	123.401	19.653	277.972	41707.820	46451.598	30.454	31.587
23.976	1.021	14.809						
11/14/2016 3:30:00 AM	365400.000	123.406	19.652	277.984	41738.582	46487.242	30.480	31.611
23.959	1.021	14.809						
11/14/2016 3:45:00 AM	366300.000	123.398	19.655	277.966	41737.559	46482.641	30.477	31.608
23.959	1.021	14.811						
11/14/2016 4:00:00 AM	367200.000	123.409	19.654	277.990	41741.281	46488.523	30.481	31.612
23.957	1.021	14.813						
11/14/2016 4:15:00 AM	368100.000	123.420	19.655	278.016	41696.523	46437.035	30.443	31.577
23.983	1.021	14.809						
11/14/2016 4:30:00 AM	369000.000	123.436	19.654	278.051	41729.738	46474.887	30.471	31.603
23.964	1.021	14.813						

11/14/2016 4:45:00 AM	369900.000	123.459	19.664	278.104	41703.563	46436.605	30.443	31.577	23.979
1.021	14.810								
11/14/2016 5:00:00 AM	370800.000	123.491	19.666	278.176	41708.578	46439.953	30.446	31.579	23.976
1.021	14.811								
11/14/2016 5:15:00 AM	371700.000	123.520	19.655	278.241	41692.676	46433.438	30.441	31.575	23.985
1.021	14.810								
11/14/2016 5:30:00 AM	372600.000	123.555	19.664	278.320	41719.254	46453.824	30.456	31.589	23.970
1.021	14.808								
11/14/2016 5:45:00 AM	373500.000	123.592	19.665	278.404	41731.656	46466.508	30.465	31.597	23.963
1.021	14.812								
11/14/2016 6:00:00 AM	374400.000	123.635	19.660	278.500	41721.027	46459.508	30.460	31.592	23.969
1.021	14.808								
11/14/2016 6:15:00 AM	375300.000	123.677	19.667	278.595	41732.645	46465.461	30.465	31.597	23.962
1.021	14.811								
11/14/2016 6:30:00 AM	376200.000	123.728	19.664	278.710	41697.781	46429.301	30.438	31.572	23.982
1.021	14.808								
11/14/2016 6:45:00 AM	377100.000	123.782	19.662	278.832	41719.320	46456.145	30.457	31.590	23.970
1.021	14.808								
11/14/2016 7:00:00 AM	378000.000	123.819	19.666	278.915	41743.805	46478.926	30.474	31.606	23.956
1.021	14.815								
11/14/2016 7:15:00 AM	378900.000	123.865	19.668	279.018	41730.277	46462.313	30.462	31.594	23.963
1.021	14.821								
11/14/2016 7:30:00 AM	379800.000	123.919	19.662	279.141	41702.785	46436.953	30.443	31.577	23.979
1.021	14.814								
11/14/2016 7:45:00 AM	380700.000	123.957	19.656	279.226	41712.684	46454.594	30.456	31.589	23.974
1.021	14.822								
11/14/2016 8:00:00 AM	381600.000	123.997	19.668	279.314	41720.738	46451.863	30.455	31.587	23.969
1.021	14.825								
11/14/2016 8:15:00 AM	382500.000	124.041	19.667	279.414	41737.980	46471.840	30.469	31.601	23.959
1.021	14.818								
11/14/2016 8:30:00 AM	383400.000	124.068	19.666	279.475	41758.273	46495.035	30.486	31.617	23.947
1.021	14.825								
11/14/2016 8:45:00 AM	384300.000	124.101	19.670	279.549	41748.594	46480.895	30.476	31.607	23.953
1.021	14.819								
11/14/2016 9:00:00 AM	385200.000	124.124	19.674	279.602	41703.039	46426.043	30.436	31.570	23.979
1.021	14.828								
11/14/2016 9:15:00 AM	386100.000	124.142	19.669	279.641	41722.457	46452.227	30.455	31.588	23.968
1.021	14.824								
11/14/2016 9:30:00 AM	387000.000	124.147	19.668	279.654	41713.316	46443.164	30.448	31.581	23.973
1.021	14.824								
11/14/2016 9:45:00 AM	387900.000	124.149	19.661	279.659	41752.000	46492.875	30.484	31.615	23.951
1.021	14.827								
11/14/2016 10:00:00 AM	388800.000	124.160	19.664	279.683	41701.215	46433.734	30.441	31.575	23.980
1.021	14.814								
11/14/2016 10:15:00 AM	389700.000	124.157	19.657	279.676	41727.430	46469.820	30.467	31.599	23.965
1.021	14.815								
11/14/2016 10:30:00 AM	390600.000	124.135	19.660	279.626	41705.063	46441.887	30.447	31.580	23.978
1.021	14.818								
11/14/2016 10:45:00 AM	391500.000	124.111	19.655	279.573	41694.535	46435.086	30.442	31.576	23.984
1.021	14.820								
11/14/2016 11:00:00 AM	392400.000	124.091	19.653	279.528	41720.238	46466.031	30.464	31.597	23.969
1.021	14.812								
11/14/2016 11:15:00 AM	393300.000	124.052	19.652	279.440	41694.457	46438.344	30.444	31.578	23.984
1.021	14.813								
11/14/2016 11:30:00 AM	394200.000	124.007	19.653	279.338	41715.090	46459.516	30.460	31.592	23.972
1.021	14.809								
11/14/2016 11:45:00 AM	395100.000	123.973	19.649	279.261	41730.523	46480.672	30.475	31.607	23.963
1.021	14.805								
11/14/2016 12:00:00 PM	396000.000	123.924	19.654	279.150	41703.051	46445.074	30.449	31.583	23.979
1.021	14.804								
11/14/2016 12:15:00 PM	396900.000	123.873	19.653	279.037	41718.379	46463.695	30.463	31.595	23.970
1.021	14.803								
11/14/2016 12:30:00 PM	397800.000	123.820	19.656	278.918	41711.750	46453.734	30.455	31.589	23.974
1.021	14.798								
11/14/2016 12:45:00 PM	398700.000	123.761	19.661	278.784	41710.355	46446.500	30.450	31.584	23.975
1.021	14.798								
11/14/2016 1:00:00 PM	399600.000	123.704	19.656	278.655	41706.223	46446.797	30.450	31.584	23.977
1.021	14.796								
11/14/2016 1:15:00 PM	400500.000	123.639	19.658	278.509	41704.379	46443.289	30.448	31.581	23.978
1.021	14.799								
11/14/2016 1:30:00 PM	401400.000	123.578	19.656	278.371	41706.570	46447.016	30.451	31.584	23.977
1.021	14.797								
11/14/2016 1:45:00 PM	402300.000	123.489	19.655	278.171	41733.844	46479.113	30.474	31.606	23.961
1.021	14.796								
11/14/2016 2:00:00 PM	403200.000	123.472	19.656	278.132	41716.840	46458.621	30.459	31.592	23.971
1.021	14.788								
11/14/2016 2:15:00 PM	404100.000	123.409	19.656	277.990	41700.230	46439.957	30.445	31.579	23.981
1.021	14.793								
11/14/2016 2:30:00 PM	405000.000	123.355	19.659	277.870	41713.316	46452.293	30.455	31.588	23.973
1.021	14.790								
11/14/2016 2:45:00 PM	405900.000	123.302	19.656	277.749	41747.082	46492.391	30.484	31.615	23.954
1.021	14.795								
11/14/2016 3:00:00 PM	406800.000	123.251	19.661	277.635	41681.359	46414.035	30.427	31.562	23.992
1.021	14.794								
11/14/2016 3:15:00 PM	407700.000	123.210	19.661	277.543	41726.941	46465.141	30.464	31.596	23.965
1.021	14.796								
11/14/2016 3:30:00 PM	408600.000	123.173	19.654	277.459	41704.867	46447.871	30.451	31.585	23.978
1.021	14.795								
11/14/2016 3:45:00 PM	409500.000	123.136	19.656	277.375	41740.852	46485.707	30.479	31.610	23.957
1.021	14.797								
11/14/2016 4:00:00 PM	410400.000	123.106	19.662	277.309	41705.469	46439.941	30.446	31.579	23.978
1.021	14.794								
11/14/2016 4:15:00 PM	411300.000	123.076	19.671	277.240	41696.805	46421.684	30.433	31.567	23.983
1.021	14.799								
11/14/2016 4:30:00 PM	412200.000	123.064	19.672	277.214	41693.441	46416.918	30.429	31.564	23.985
1.021	14.801								
11/14/2016 4:45:00 PM	413100.000	123.057	19.671	277.198	41745.867	46476.391	30.473	31.604	23.954
1.021	14.800								
11/14/2016 5:00:00 PM	414000.000	123.050	19.674	277.182	41730.039	46455.422	30.458	31.590	23.964
1.021	14.796								
11/14/2016 5:15:00 PM	414900.000	123.057	19.674	277.198	41724.836	46450.059	30.454	31.586	23.967
1.021	14.799								
11/14/2016 5:30:00 PM	415800.000	123.067	19.672	277.220	41743.473	46472.871	30.470	31.602	23.956
1.021	14.796								
11/14/2016 5:45:00 PM	416700.000	123.088	19.672	277.268	41722.086	46448.805	30.453	31.585	23.968
1.021	14.795								
11/14/2016 6:00:00 PM	417600.000	123.102	19.668	277.298	41704.301	46432.961	30.441	31.574	23.978
1.021	14.800								
11/14/2016 6:15:00 PM	418500.000	123.115	19.674	277.328	41737.398	46463.699	30.464	31.595	23.959
1.021	14.806								
11/14/2016 6:30:00 PM	419400.000	123.156	19.673	277.421	41732.195	46459.449	30.460	31.592	23.962
1.021	14.802								
11/14/2016 6:45:00 PM	420300.000	123.183	19.672	277.482	41733.828	46461.961	30.462	31.594	23.961
1.021	14.805								
11/14/2016 7:00:00 PM	421200.000	123.231	19.675	277.590	41702.918	46425.137	30.435	31.569	23.979
1.021	14.797								
11/14/2016 7:15:00 PM	422100.000	123.274	19.667	277.686	41697.391	46426.297	30.436	31.570	23.982
1.021	14.798								
11/14/2016 7:30:00 PM	423000.000	123.318	19.663	277.785	41707.551	46442.078	30.447	31.581	23.976
1.021	14.803								
11/14/2016 7:45:00 PM	423900.000	123.365	19.663	277.892	41749.867	46488.340	30.481	31.612	23.952
1.021	14.802								
11/14/2016 8:00:00 PM	424800.000	123.407	19.671	277.986	41696.902	46421.793	30.433	31.567	23.983
1.021	14.800								
11/14/2016 8:15:00 PM	425700.000	123.461	19.674	278.108	41738.680	46465.043	30.465	31.596	23.959
1.021	14.797								
11/14/2016 8:30:00 PM	426600.000	123.502	19.668	278.201	41713.230	46443.504	30.449	31.582	23.973
1.021	14.797								
11/14/2016 8:45:00 PM	427500.000	123.546	19.667	278.300	41763.219	46499.676	30.490	31.620	23.945
1.021	14.802								
11/14/2016 9:00:00 PM	428400.000	123.590	19.656	278.397	41698.867	46438.949	30.445	31.578	23.981
1.021	14.798								
11/14/2016 9:15:00 PM	429300.000	123.625	19.658	278.477	41698.188	46436.129	30.443	31.577	

23.982	1.021	14.806						
11/14/2016 9:30:00 PM	430200.000	123.665	19.663	278.567	41733.066	46469.723	30.467	31.599
23.962	1.021	14.800						
11/14/2016 9:45:00 PM	431100.000	123.701	19.661	278.649	41717.012	46453.996	30.456	31.589
23.971	1.021	14.798						
11/14/2016 10:00:00 PM	432000.000	123.723	19.667	278.697	41709.184	46439.777	30.446	31.579
23.976	1.021	14.803						
11/14/2016 10:15:00 PM	432900.000	123.754	19.674	278.769	41724.504	46449.781	30.453	31.586
23.967	1.021	14.801						
11/14/2016 10:30:00 PM	433800.000	123.771	19.669	278.807	41727.051	46457.695	30.459	31.591
23.965	1.021	14.799						
11/14/2016 10:45:00 PM	434700.000	123.778	19.660	278.822	41740.043	46481.203	30.476	31.607
23.958	1.021	14.800						
11/14/2016 11:00:00 PM	435600.000	123.798	19.666	278.867	41700.168	46430.941	30.439	31.573
23.981	1.021	14.795						
11/14/2016 11:15:00 PM	436500.000	123.798	19.671	278.868	41716.570	46443.863	30.449	31.582
23.971	1.021	14.802						
11/14/2016 11:30:00 PM	437400.000	123.795	19.671	278.859	41722.375	46450.754	30.454	31.587
23.968	1.021	14.805						
11/14/2016 11:45:00 PM	438300.000	123.793	19.670	278.857	41712.574	46440.703	30.447	31.580
23.974	1.021	14.799						
11/15/2016 12:00:00 AM	439200.000	123.780	19.663	278.827	41724.629	46460.938	30.461	31.593
23.967	1.021	14.801						
11/15/2016 12:15:00 AM	440100.000	123.801	19.663	278.874	41729.051	46465.863	30.465	31.597
23.964	1.021	14.800						
11/15/2016 12:30:00 AM	441000.000	123.755	19.667	278.771	41729.555	46462.457	30.462	31.594
23.964	1.021	14.801						
11/15/2016 12:45:00 AM	441900.000	123.738	19.666	278.733	41705.656	46436.449	30.443	31.577
23.978	1.021	14.799						
11/15/2016 1:00:00 AM	442800.000	123.714	19.670	278.677	41728.477	46458.063	30.459	31.591
23.964	1.021	14.797						
11/15/2016 1:15:00 AM	443700.000	123.685	19.671	278.612	41695.227	46420.191	30.432	31.566
23.984	1.021	14.802						
11/15/2016 1:30:00 AM	444600.000	123.653	19.670	278.540	41729.020	46458.766	30.460	31.592
23.964	1.021	14.806						
11/15/2016 1:45:00 AM	445500.000	123.634	19.669	278.497	41736.039	46467.777	30.466	31.598
23.960	1.021	14.802						
11/15/2016 2:00:00 AM	446400.000	123.598	19.668	278.418	41707.742	46436.703	30.444	31.577
23.976	1.021	14.804						
11/15/2016 2:15:00 AM	447300.000	123.582	19.668	278.381	41732.688	46465.168	30.464	31.596
23.962	1.021	14.796						
11/15/2016 2:30:00 AM	448200.000	123.554	19.665	278.318	41713.648	46446.207	30.450	31.583
23.973	1.021	14.801						
11/15/2016 2:45:00 AM	449100.000	123.527	19.660	278.257	41705.742	46442.230	30.447	31.581
23.978	1.021	14.807						
11/15/2016 3:00:00 AM	450000.000	123.510	19.651	278.219	41703.813	46449.539	30.452	31.586
23.979	1.021	14.804						
11/15/2016 3:15:00 AM	450900.000	123.490	19.652	278.174	41702.172	46446.770	30.450	31.584
23.980	1.021	14.802						
11/15/2016 3:30:00 AM	451800.000	123.477	19.654	278.143	41707.195	46450.043	30.453	31.586
23.977	1.021	14.807						
11/15/2016 3:45:00 AM	452700.000	123.477	19.656	278.144	41715.859	46458.230	30.459	31.592
23.972	1.021	14.795						
11/15/2016 4:00:00 AM	453600.000	123.462	19.651	278.110	41707.629	46453.188	30.455	31.588
23.976	1.021	14.797						
11/15/2016 4:15:00 AM	454500.000	123.460	19.657	278.105	41713.570	46453.863	30.456	31.589
23.973	1.021	14.799						
11/15/2016 4:30:00 AM	455400.000	123.460	19.667	278.105	41749.953	46484.477	30.478	31.609
23.952	1.021	14.798						
11/15/2016 4:45:00 AM	456300.000	123.465	19.671	278.118	41733.328	46462.949	30.463	31.595
23.962	1.021	14.799						
11/15/2016 5:00:00 AM	457200.000	123.469	19.671	278.126	41712.469	46439.727	30.446	31.579
23.974	1.021	14.801						
11/15/2016 5:15:00 AM	458100.000	123.490	19.668	278.174	41734.938	46467.500	30.466	31.598
23.961	1.021	14.795						
11/15/2016 5:30:00 AM	459000.000	123.508	19.668	278.214	41706.609	46435.355	30.443	31.576
23.977	1.021	14.799						
11/15/2016 5:45:00 AM	459900.000	123.533	19.668	278.271	41706.336	46435.492	30.443	31.576
23.977	1.021	14.801						
11/15/2016 6:00:00 AM	460800.000	123.565	19.675	278.342	41710.344	46433.316	30.441	31.575
23.975	1.021	14.795						
11/15/2016 6:15:00 AM	461700.000	123.597	19.675	278.413	41730.945	46455.488	30.458	31.590
23.963	1.021	14.800						
11/15/2016 6:30:00 AM	462600.000	123.637	19.667	278.505	41747.332	46482.336	30.477	31.608
23.954	1.021	14.800						
11/15/2016 6:45:00 AM	463500.000	123.672	19.671	278.582	41712.352	46439.168	30.445	31.579
23.974	1.021	14.800						
11/15/2016 7:00:00 AM	464400.000	123.714	19.675	278.679	41734.332	46459.598	30.461	31.593
23.961	1.021	14.798						
11/15/2016 7:15:00 AM	465300.000	123.761	19.664	278.784	41723.223	46458.590	30.459	31.592
23.967	1.021	14.795						
11/15/2016 7:30:00 AM	466200.000	123.808	19.662	278.890	41718.926	46455.703	30.457	31.590
23.970	1.021	14.798						
11/15/2016 7:45:00 AM	467100.000	123.861	19.670	279.009	41750.832	46482.867	30.477	31.608
23.952	1.021	14.793						
11/15/2016 8:00:00 AM	468000.000	123.908	19.662	279.114	41725.504	46462.930	30.462	31.595
23.966	1.021	14.792						
11/15/2016 8:15:00 AM	468900.000	123.949	19.659	279.207	41721.340	46461.055	30.461	31.594
23.969	1.021	14.796						
11/15/2016 8:30:00 AM	469800.000	123.997	19.655	279.316	41705.668	46447.301	30.451	31.584
23.978	1.021	14.789						
11/15/2016 8:45:00 AM	470700.000	124.029	19.655	279.388	41682.293	46421.188	30.432	31.566
23.991	1.021	14.801						
11/15/2016 9:00:00 AM	471600.000	124.062	19.655	279.461	41687.797	46427.145	30.436	31.570
23.988	1.021	14.797						
11/15/2016 9:15:00 AM	472500.000	124.091	19.657	279.528	41716.219	46456.895	30.458	31.591
23.971	1.021	14.800						
11/15/2016 9:30:00 AM	473400.000	124.123	19.662	279.599	41716.777	46453.395	30.455	31.588
23.971	1.021	14.798						
11/15/2016 9:45:00 AM	474300.000	124.143	19.667	279.643	41690.320	46418.855	30.430	31.565
23.986	1.021	14.799						
11/15/2016 10:00:00 AM	475200.000	124.155	19.668	279.672	41727.125	46458.281	30.459	31.592
23.965	1.021	14.802						
11/15/2016 10:15:00 AM	476100.000	124.166	19.665	279.696	41732.902	46467.559	30.466	31.598
23.962	1.021	14.801						
11/15/2016 10:30:00 AM	477000.000	124.168	19.673	279.700	41719.605	46445.008	30.450	31.583
23.970	1.021	14.797						
11/15/2016 10:45:00 AM	477900.000	124.163	19.668	279.688	41696.488	46424.426	30.435	31.569
23.983	1.021	14.802						
11/15/2016 11:00:00 AM	478800.000	124.157	19.668	279.675	41733.086	46465.273	30.464	31.596
23.962	1.021	14.796						
11/15/2016 11:15:00 AM	479700.000	124.143	19.657	279.644	41694.133	46432.563	30.440	31.574
23.984	1.021	14.793						
11/15/2016 11:30:00 AM	480600.000	124.121	19.655	279.595	41690.656	46431.016	30.439	31.573
23.986	1.021	14.790						
11/15/2016 11:45:00 AM	481500.000	124.092	19.656	279.529	41718.188	46459.957	30.460	31.593
23.970	1.021	14.787						
11/15/2016 12:00:00 PM	482400.000	124.054	19.660	279.443	41701.371	46437.773	30.444	31.578
23.980	1.021	14.787						
11/15/2016 12:15:00 PM	483300.000	124.013	19.661	279.351	41734.906	46474.012	30.471	31.602
23.961	1.021	14.782						
11/15/2016 12:30:00 PM	4842000.000	123.975	19.658	279.266	41709.227	46448.078	30.451	31.585
23.976	1.021	14.778						
11/15/2016 12:45:00 PM	485100.000	123.924	19.659	279.151	41740.016	46482.023	30.476	31.608
23.958	1.021	14.775						
11/15/2016 1:00:00 PM	486000.000	123.869	19.661	279.027	41726.688	46464.590	30.464	31.596
23.965	1.021	14.773						
11/15/2016 1:15:00 PM	486900.000	123.817	19.660	278.911	41692.438	46427.918	30.437	31.571
23.985	1.021	14.768						
11/15/2016 1:30:00 PM	487800.000	123.760	19.657	278.781	41683.238	46420.340	30.431	31.566
23.990	1.021	14.766						
11/15/2016 1:45:00 PM	488700.000	123.692	19.658	278.628	41707.188	46446.590	30.450	31.584
23.977	1.021	14.768						

11/15/2016 2:00:00 PM	489600.000	123.626	19.658	278.479	41703.020	46441.348	30.447	31.580
23.979	1.021	14.771						
11/15/2016 2:15:00 PM	490500.000	123.576	19.657	278.367	41713.121	46453.617	30.455	31.588
23.973	1.021	14.762						
11/15/2016 2:30:00 PM	491400.000	123.510	19.663	278.219	41685.723	46417.434	30.429	31.564
23.989	1.021	14.764						
11/15/2016 2:45:00 PM	492300.000	123.450	19.665	278.084	41707.102	46439.168	30.445	31.579
23.977	1.021	14.764						
11/15/2016 3:00:00 PM	493200.000	123.388	19.672	277.944	41745.703	46475.621	30.472	31.603
23.955	1.021	14.766						
11/15/2016 3:15:00 PM	494100.000	123.342	19.659	277.840	41717.508	46456.621	30.458	31.591
23.971	1.021	14.759						
11/15/2016 3:30:00 PM	495000.000	123.285	19.656	277.712	41729.086	46472.258	30.469	31.601
23.964	1.021	14.762						
11/15/2016 3:45:00 PM	495900.000	123.233	19.659	277.595	41746.289	46489.176	30.482	31.613
23.954	1.021	14.763						
11/15/2016 4:00:00 PM	496800.000	123.186	19.661	277.488	41718.031	46455.469	30.457	31.590
23.970	1.021	14.765						
11/15/2016 4:15:00 PM	497700.000	123.139	19.664	277.383	41724.238	46459.031	30.460	31.592
23.967	1.021	14.767						
11/15/2016 4:30:00 PM	498600.000	123.099	19.665	277.292	41700.773	46432.297	30.440	31.574
23.980	1.021	14.767						
11/15/2016 4:45:00 PM	499500.000	123.078	19.667	277.245	41744.570	46478.828	30.474	31.606
23.955	1.021	14.765						
11/15/2016 5:00:00 PM	500400.000	123.057	19.670	277.198	41730.664	46460.254	30.461	31.593
23.963	1.021	14.760						
11/15/2016 5:15:00 PM	501300.000	123.027	19.672	277.131	41721.605	46448.609	30.452	31.585
23.968	1.021	14.769						
11/15/2016 5:30:00 PM	502200.000	123.012	19.673	277.096	41721.805	46447.539	30.452	31.584
23.968	1.021	14.768						
11/15/2016 5:45:00 PM	503100.000	123.003	19.678	277.077	41718.063	46438.902	30.446	31.578
23.970	1.021	14.766						
11/15/2016 6:00:00 PM	504000.000	123.013	19.678	277.099	41761.539	46487.043	30.481	31.611
23.945	1.021	14.764						
11/15/2016 6:15:00 PM	504900.000	123.012	19.674	277.096	41698.531	46420.348	30.432	31.566
23.982	1.021	14.769						
11/15/2016 6:30:00 PM	505800.000	123.031	19.675	277.139	41754.203	46481.461	30.477	31.607
23.950	1.021	14.764						
11/15/2016 6:45:00 PM	506700.000	123.042	19.672	277.164	41738.402	46467.129	30.466	31.598
23.959	1.021	14.772						
11/15/2016 7:00:00 PM	507600.000	123.067	19.671	277.221	41724.906	46453.574	30.456	31.588
23.967	1.021	14.767						
11/15/2016 7:15:00 PM	508500.000	123.098	19.671	277.289	41708.574	46434.625	30.442	31.576
23.976	1.021	14.771						
11/15/2016 7:30:00 PM	509400.000	123.125	19.675	277.351	41708.613	46431.141	30.440	31.573
23.976	1.021	14.771						
11/15/2016 7:45:00 PM	510300.000	123.167	19.672	277.447	41711.016	46436.395	30.444	31.577
23.974	1.021	14.768						
11/15/2016 8:00:00 PM	511200.000	123.203	19.675	277.528	41737.828	46463.754	30.464	31.595
23.959	1.021	14.766						
11/15/2016 8:15:00 PM	512100.000	123.241	19.669	277.612	41721.852	46451.809	30.455	31.587
23.968	1.021	14.775						
11/15/2016 8:30:00 PM	513000.000	123.291	19.669	277.725	41735.543	46466.633	30.465	31.597
23.960	1.021	14.774						
11/15/2016 8:45:00 PM	513900.000	123.333	19.669	277.819	41716.203	46445.098	30.450	31.583
23.972	1.021	14.779						
11/15/2016 9:00:00 PM	514800.000	123.382	19.669	277.931	41694.496	46421.270	30.432	31.566
23.984	1.021	14.770						
11/15/2016 9:15:00 PM	515700.000	123.420	19.672	278.015	41721.941	46448.465	30.452	31.585
23.968	1.021	14.782						
11/15/2016 9:30:00 PM	516600.000	123.478	19.671	278.145	41716.422	46444.129	30.449	31.582
23.971	1.021	14.775						
11/15/2016 9:45:00 PM	517500.000	123.514	19.674	278.228	41740.289	46467.695	30.466	31.598
23.958	1.021	14.781						
11/15/2016 10:00:00 PM	518400.000	123.553	19.674	278.314	41736.215	46462.895	30.463	31.595
23.960	1.021	14.780						
11/15/2016 10:15:00 PM	519300.000	123.589	19.668	278.396	41736.102	46468.109	30.467	31.598
23.960	1.021	14.783						
11/15/2016 10:30:00 PM	520200.000	123.627	19.659	278.482	41722.457	46462.383	30.462	31.594
23.968	1.021	14.782						
11/15/2016 10:45:00 PM	521100.000	123.684	19.656	278.611	41708.602	46449.281	30.452	31.586
23.976	1.021	14.786						
11/15/2016 11:00:00 PM	522000.000	123.693	19.652	278.630	41718.813	46464.617	30.463	31.596
23.970	1.021	14.780						
11/15/2016 11:15:00 PM	522900.000	123.703	19.654	278.654	41719.059	46463.074	30.462	31.595
23.970	1.021	14.788						
11/15/2016 11:30:00 PM	523800.000	123.733	19.663	278.720	41691.598	46424.160	30.434	31.568
23.986	1.021	14.778						
11/15/2016 11:45:00 PM	524700.000	123.743	19.670	278.744	41746.563	46477.957	30.474	31.605
23.954	1.021	14.783						
11/16/2016 12:00:00 AM	525600.000	123.763	19.665	278.787	41696.371	46427.492	30.437	31.571
23.983	1.021	14.777						
11/16/2016 12:15:00 AM	526500.000	123.757	19.668	278.774	41743.348	46476.090	30.472	31.604
23.956	1.021	14.780						
11/16/2016 12:30:00 AM	527400.000	123.760	19.670	278.782	41732.277	46462.641	30.463	31.595
23.962	1.021	14.778						
11/16/2016 12:45:00 AM	528300.000	123.757	19.667	278.775	41727.719	46459.809	30.460	31.593
23.965	1.021	14.780						
11/16/2016 1:00:00 AM	529200.000	123.753	19.654	278.765	41707.480	46450.098	30.453	31.586
23.977	1.021	14.780						
11/16/2016 1:15:00 AM	530100.000	123.734	19.659	278.723	41726.223	46466.055	30.465	31.597
23.966	1.021	14.779						
11/16/2016 1:30:00 AM	531000.000	123.725	19.654	278.702	41725.836	46471.223	30.468	31.600
23.966	1.021	14.775						
11/16/2016 1:45:00 AM	531900.000	123.715	19.650	278.681	41723.707	46472.391	30.469	31.601
23.967	1.021	14.772						
11/16/2016 2:00:00 AM	532800.000	123.685	19.652	278.611	41718.523	46464.637	30.463	31.596
23.970	1.021	14.779						
11/16/2016 2:15:00 AM	533700.000	123.668	19.656	278.574	41715.551	46457.785	30.458	31.591
23.972	1.021	14.779						
11/16/2016 2:30:00 AM	534600.000	123.643	19.658	278.518	41731.723	46473.398	30.470	31.602
23.963	1.021	14.777						
11/16/2016 2:45:00 AM	535500.000	123.624	19.663	278.475	41707.246	46440.973	30.446	31.580
23.977	1.021	14.774						
11/16/2016 3:00:00 AM	536400.000	123.596	19.667	278.412	41698.707	46427.938	30.437	31.571
23.982	1.021	14.771						
11/16/2016 3:15:00 AM	537300.000	123.571	19.658	278.356	41691.527	46428.793	30.437	31.572
23.986	1.021	14.775						
11/16/2016 3:30:00 AM	538200.000	123.542	19.666	278.291	41737.941	46472.559	30.470	31.601
23.959	1.021	14.777						
11/16/2016 3:45:00 AM	539100.000	123.529	19.664	278.261	41742.137	46479.559	30.475	31.606
23.957	1.021	14.772						
11/16/2016 4:00:00 AM	540000.000	123.512	19.661	278.223	41757.051	46498.844	30.489	31.619
23.948	1.021	14.774						
11/16/2016 4:15:00 AM	540900.000	123.498	19.656	278.191	41723.336	46466.035	30.464	31.597
23.967	1.021	14.769						
11/16/2016 4:30:00 AM	541800.000	123.462	19.654	278.111	41723.891	46468.895	30.466	31.599
23.967	1.021	14.776						
11/16/2016 4:45:00 AM	542700.000	123.482	19.656	278.154	41701.379	46441.492	30.447	31.580
23.980	1.021	14.777						
11/16/2016 5:00:00 AM	543600.000	123.487	19.648	278.165	41725.008	46475.824	30.471	31.604
23.966	1.021	14.774						
11/16/2016 5:15:00 AM	544500.000	123.488	19.653	278.169	41732.461	46479.207	30.474	31.606
23.962	1.021	14.768						
11/16/2016 5:30:00 AM	545400.000	123.476	19.656	278.143	41709.602	46450.906	30.453	31.587
23.975	1.021	14.774						
11/16/2016 5:45:00 AM	546300.000	123.494	19.657	278.182	41722.367	46464.520	30.463	31.596
23.968	1.021	14.770						
11/16/2016 6:00:00 AM	547200.000	123.510	19.660	278.219	41729.625	46469.238	30.467	31.599
23.964	1.021	14.765						
11/16/2016 6:15:00 AM	548100.000	123.525	19.654	278.251	41690.375	46431.219	30.439	31.573
23.986	1.021	14.767						
11/16/2016 6:30:00 AM	549000.000	123.537	19.664	278.279	41724.980	46459.590	30.460	31.593

23.966	1.021	14.779						
11/16/2016 6:45:00 AM	549900.000	123.569	19.656	278.350	41689.008	46427.715	30.436	31.571
23.987	1.021	14.778						
11/16/2016 7:00:00 AM	550800.000	123.605	19.661	278.433	41732.598	46471.168	30.468	31.600
23.962	1.021	14.771						
11/16/2016 7:15:00 AM	551700.000	123.637	19.658	278.505	41717.148	46457.594	30.458	31.591
23.971	1.021	14.778						
11/16/2016 7:30:00 AM	552600.000	123.668	19.648	278.574	41728.832	46480.590	30.475	31.607
23.964	1.021	14.784						
11/16/2016 7:45:00 AM	553500.000	123.712	19.656	278.674	41718.078	46460.262	30.460	31.593
23.970	1.021	14.782						
11/16/2016 8:00:00 AM	554400.000	123.750	19.655	278.758	41716.059	46458.789	30.459	31.592
23.972	1.021	14.786						
11/16/2016 8:15:00 AM	555300.000	123.819	19.652	278.914	41701.992	46446.395	30.450	31.584
23.980	1.021	14.790						
11/16/2016 8:30:00 AM	556200.000	123.819	19.653	278.915	41704.020	46447.703	30.451	31.584
23.979	1.021	14.788						
11/16/2016 8:45:00 AM	557100.000	123.870	19.655	279.029	41678.262	46417.117	30.429	31.564
23.993	1.021	14.787						
11/16/2016 9:00:00 AM	558000.000	123.905	19.659	279.107	41698.645	46435.441	30.442	31.576
23.982	1.021	14.786						
11/16/2016 9:15:00 AM	558900.000	123.952	19.656	279.215	41726.266	46469.465	30.467	31.599
23.966	1.021	14.781						
11/16/2016 9:30:00 AM	559800.000	123.978	19.657	279.272	41725.242	46467.207	30.465	31.598
23.966	1.021	14.790						
11/16/2016 9:45:00 AM	560700.000	124.009	19.668	279.343	41751.535	46485.980	30.480	31.610
23.951	1.021	14.786						
11/16/2016 10:00:00 AM	561600.000	124.039	19.668	279.409	41711.395	46440.684	30.446	31.580
23.974	1.021	14.789						
11/16/2016 10:15:00 AM	562500.000	124.069	19.671	279.478	41744.301	46474.215	30.471	31.602
23.955	1.021	14.784						
11/16/2016 10:30:00 AM	563400.000	124.080	19.670	279.502	41754.359	46486.453	30.480	31.611
23.950	1.021	14.785						
11/16/2016 10:45:00 AM	564300.000	124.107	19.656	279.563	41715.352	46457.746	30.458	31.591
23.972	1.021	14.783						
11/16/2016 11:00:00 AM	565200.000	124.121	19.654	279.596	41677.887	46417.402	30.429	31.564
23.994	1.021	14.780						
11/16/2016 11:15:00 AM	566100.000	124.121	19.659	279.595	41722.879	46463.105	30.462	31.595
23.968	1.021	14.788						
11/16/2016 11:30:00 AM	567000.000	124.119	19.654	279.590	41720.305	46464.645	30.463	31.596
23.969	1.021	14.781						
11/16/2016 11:45:00 AM	567900.000	124.101	19.658	279.549	41725.410	46466.965	30.465	31.598
23.966	1.021	14.777						
11/16/2016 12:00:00 PM	568800.000	124.087	19.655	279.518	41717.215	46460.766	30.461	31.593
23.971	1.021	14.775						
11/16/2016 12:15:00 PM	569700.000	124.065	19.668	279.469	41736.609	46469.445	30.467	31.599
23.960	1.021	14.766						
11/16/2016 12:30:00 PM	570600.000	124.035	19.662	279.401	41722.516	46459.180	30.460	31.592
23.968	1.021	14.773						
11/16/2016 12:45:00 PM	571500.000	124.005	19.660	279.334	41700.770	46437.285	30.444	31.577
23.980	1.021	14.769						
11/16/2016 1:00:00 PM	572400.000	123.971	19.659	279.257	41685.926	46421.789	30.432	31.567
23.989	1.021	14.764						
11/16/2016 1:15:00 PM	573300.000	123.927	19.659	279.158	41704.504	46442.305	30.447	31.581
23.978	1.021	14.766						
11/16/2016 1:30:00 PM	574200.000	123.893	19.666	279.081	41731.832	46465.680	30.465	31.597
23.963	1.021	14.755						
11/16/2016 1:45:00 PM	575100.000	123.836	19.664	278.953	41708.500	46441.758	30.447	31.580
23.976	1.021	14.756						
11/16/2016 2:00:00 PM	576000.000	123.776	19.664	278.817	41740.875	46477.469	30.473	31.605
23.957	1.021	14.755						
11/16/2016 2:15:00 PM	576900.000	123.713	19.664	278.676	41751.598	46489.496	30.482	31.613
23.951	1.021	14.758						
11/16/2016 2:30:00 PM	577800.000	123.664	19.661	278.565	41717.535	46454.320	30.456	31.589
23.971	1.021	14.754						
11/16/2016 2:45:00 PM	578700.000	123.608	19.667	278.438	41733.172	46465.965	30.465	31.597
23.962	1.021	14.752						
11/16/2016 3:00:00 PM	579600.000	123.547	19.663	278.301	41710.684	46444.801	30.449	31.582
23.975	1.021	14.754						
11/16/2016 3:15:00 PM	580500.000	123.485	19.663	278.162	41732.055	46468.941	30.467	31.599
23.962	1.021	14.756						
11/16/2016 3:30:00 PM	581400.000	123.436	19.662	278.051	41719.719	46456.672	30.458	31.591
23.969	1.021	14.755						
11/16/2016 3:45:00 PM	582300.000	123.367	19.661	277.896	41695.109	46430.035	30.438	31.572
23.984	1.021	14.755						
11/16/2016 4:00:00 PM	583200.000	123.318	19.660	277.787	41699.840	46436.434	30.443	31.577
23.981	1.021	14.755						
11/16/2016 4:15:00 PM	584100.000	123.272	19.664	277.681	41699.727	46432.336	30.440	31.574
23.981	1.021	14.756						
11/16/2016 4:30:00 PM	585000.000	123.217	19.668	277.558	41733.434	46465.051	30.464	31.596
23.962	1.021	14.756						
11/16/2016 4:45:00 PM	585900.000	123.171	19.663	277.454	41734.703	46471.457	30.469	31.601
23.961	1.021	14.756						
11/16/2016 5:00:00 PM	586800.000	123.128	19.672	277.358	41734.934	46463.531	30.463	31.595
23.961	1.021	14.754						
11/16/2016 5:15:00 PM	587700.000	123.094	19.663	277.282	41713.957	46448.535	30.452	31.585
23.973	1.021	14.757						
11/16/2016 5:30:00 PM	588600.000	123.059	19.664	277.203	41756.078	46494.398	30.486	31.616
23.949	1.021	14.761						
11/16/2016 5:45:00 PM	589500.000	123.029	19.668	277.135	41716.914	46447.086	30.451	31.584
23.971	1.021	14.761						
11/16/2016 6:00:00 PM	590400.000	123.004	19.663	277.078	41733.219	46470.660	30.468	31.600
23.962	1.021	14.769						
11/16/2016 6:15:00 PM	591300.000	122.990	19.671	277.047	41733.043	46462.027	30.462	31.594
23.962	1.021	14.765						
11/16/2016 6:30:00 PM	592200.000	122.974	19.674	277.011	41749.754	46477.797	30.474	31.605
23.952	1.021	14.767						
11/16/2016 6:45:00 PM	593100.000	122.972	19.679	277.006	41731.324	46452.461	30.456	31.588
23.963	1.021	14.767						
11/16/2016 7:00:00 PM	594000.000	122.976	19.670	277.015	41703.852	46430.402	30.439	31.573
23.979	1.021	14.768						
11/16/2016 7:15:00 PM	594900.000	122.991	19.669	277.048	41742.406	46474.789	30.471	31.603
23.956	1.021	14.763						
11/16/2016 7:30:00 PM	595800.000	122.999	19.666	277.067	41744.176	46479.422	30.475	31.606
23.955	1.021	14.771						
11/16/2016 7:45:00 PM	596700.000	123.021	19.671	277.116	41737.207	46466.664	30.466	31.597
23.959	1.021	14.772						
11/16/2016 8:00:00 PM	597600.000	123.034	19.671	277.146	41715.184	46442.145	30.448	31.581
23.972	1.021	14.772						
11/16/2016 8:15:00 PM	598500.000	123.071	19.667	277.230	41695.176	46423.914	30.434	31.568
23.984	1.021	14.765						
11/16/2016 8:30:00 PM	599400.000	123.104	19.663	277.305	41729.047	46465.160	30.464	31.596
23.964	1.021	14.773						
11/16/2016 8:45:00 PM	600300.000	123.145	19.665	277.397	41706.895	46438.508	30.445	31.578
23.977	1.021	14.769						
11/16/2016 9:00:00 PM	601200.000	123.181	19.668	277.476	41734.891	46467.281	30.466	31.598
23.961	1.021	14.773						
11/16/2016 9:15:00 PM	602100.000	123.225	19.673	277.575	41718.949	46444.277	30.449	31.582
23.970	1.021	14.774						
11/16/2016 9:30:00 PM	603000.000	123.261	19.673	277.658	41749.395	46478.863	30.475	31.606
23.952	1.021	14.776						
11/16/2016 9:45:00 PM	603900.000	123.307	19.667	277.762	41718.992	46450.434	30.454	31.586
23.970	1.021	14.773						
11/16/2016 10:00:00 PM	604800.000	123.350	19.668	277.859	41715.266	46444.824	30.450	31.582
23.972	1.021	14.778						
11/16/2016 10:15:00 PM	605700.000	123.389	19.667	277.946	41724.664	46456.914	30.458	31.591
23.967	1.021	14.778						
11/16/2016 10:30:00 PM	606600.000	123.445	19.662	278.072	41718.574	46455.047	30.457	31.589
23.970	1.021	14.775						
11/16/2016 10:45:00 PM	607500.000	123.479	19.661	278.149	41720.789	46458.465	30.459	31.592
23.969	1.021	14.774						
11/16/2016 11:00:00 PM	608400.000	123.523	19.661	278.247	41729.336	46468.238	30.466	31.598
23.964	1.021	14.772						

11/16/2016 11:15:00 PM	609300.000	123.560	19.665	278.331	41753.043	46490.156	30.483	31.613
23.950	1.021	14.773						
11/16/2016 11:30:00 PM	610200.000	123.597	19.661	278.415	41732.707	46471.293	30.469	31.600
23.962	1.021	14.773						
11/16/2016 11:45:00 PM	611100.000	123.637	19.660	278.504	41726.926	46466.230	30.465	31.597
23.965	1.021	14.774						

Report Date: 11/18/2016 8:36:28 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_2016-11-17_08-17-58-060.wsl
Create Date: 11/17/2016 8:17:50 AM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-3M
Device Name:
Serial Number: 395601
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 64
Used Battery(%): 28

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

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

Other Log Settings
Depth of Probe: 145.449 (ft)
Head Pressure: 64.5694 (PSI)
Temperature: 17.0644 (C)

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/4/2016 9:51:18 AM	Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
8/4/2016 9:51:18 AM	Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/4/2016 6:34:20 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/11/2016 1:16:15 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
8/18/2016 9:21:05 AM	Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM
8/25/2016 4:07:35 PM	Log Download - Used Battery: 29% Used Memory: 68% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:59:12 PM	Log Download - Used Battery: 29% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:13:11 AM	Log Download - Used Battery: 30% Used Memory: 70% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 6:58:02 PM	Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:45:00 PM
9/22/2016 3:14:35 PM	Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 8:04:19 AM	Log Download - Used Battery: 31% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:00:00 AM
10/7/2016 6:04:51 PM	Log Download - Used Battery: 31% Used Memory: 73% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:44:09 AM	Log Download - Used Battery: 31% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 9:30:00 AM
10/20/2016 8:55:55 AM	Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 10:03:23 AM	Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:45:00 AM
11/3/2016 8:57:49 AM	Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:45:00 AM
11/10/2016 1:07:57 PM	Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:00:00 PM
11/17/2016 8:17:28 AM	Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:15:00 AM

Log Data:
Record Count: 714
Sensors: 1
1 - 395601: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft		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)
11/10/2016 12:00:00 AM	7200.000	65.186	17.073	146.839	34457.422	40604.977
26.116	27.611	29.021	1.019			
11/10/2016 12:15:00 AM	8100.000	65.185	17.073	146.836	34424.602	40566.301
26.088	27.585	29.049	1.019			
11/10/2016 12:30:00 AM	9000.000	65.182	17.073	146.829	34440.188	40584.664
26.101	27.598	29.036	1.019			
11/10/2016 12:45:00 AM	9900.000	65.176	17.073	146.816	34420.711	40561.875
26.085	27.582	29.052	1.019			
11/10/2016 1:00:00 AM	10800.000	65.172	17.073	146.805	34430.754	40573.953
26.094	27.590	29.044	1.019			
11/10/2016 1:15:00 AM	11700.000	65.179	17.073	146.822	34434.793	40578.789
26.097	27.594	29.040	1.019			
11/10/2016 1:30:00 AM	12600.000	65.173	17.073	146.809	34431.301	40574.754
26.094	27.591	29.043	1.019			
11/10/2016 1:45:00 AM	13500.000	65.178	17.073	146.821	34417.914	40558.977
26.083	27.580	29.055	1.019			
11/10/2016 2:00:00 AM	14400.000	65.184	17.072	146.834	34424.238	40566.910
26.089	27.586	29.049	1.019			
11/10/2016 2:15:00 AM	15300.000	65.182	17.073	146.829	34408.832	40548.434
26.076	27.573	29.062	1.019			
11/10/2016 2:30:00 AM	16200.000	65.183	17.073	146.832	34419.785	40561.273
26.085	27.582	29.053	1.019			
11/10/2016 2:45:00 AM	17100.000	65.189	17.073	146.845	34411.121	40551.063
26.077	27.575	29.060	1.019			
11/10/2016 3:00:00 AM	18000.000	65.194	17.073	146.856	34423.738	

40565.441	26.088	27.585	29.050	1.019	
11/10/2016 3:15:00 AM	18900.000	65.196	17.072	146.861	34419.844
40561.660	26.085	27.582	29.053	1.019	
11/10/2016 3:30:00 AM	19800.000	65.202	17.073	146.875	34426.102
40568.473	26.090	27.587	29.048	1.019	
11/10/2016 3:45:00 AM	20700.000	65.205	17.073	146.880	34402.492
40540.965	26.070	27.568	29.068	1.019	
11/10/2016 4:00:00 AM	21600.000	65.204	17.073	146.878	34417.652
40558.355	26.083	27.580	29.055	1.019	
11/10/2016 4:15:00 AM	22500.000	65.215	17.073	146.903	34400.082
40538.121	26.068	27.566	29.070	1.019	
11/10/2016 4:30:00 AM	23400.000	65.219	17.072	146.913	34413.730
40554.609	26.080	27.577	29.058	1.019	
11/10/2016 4:45:00 AM	24300.000	65.223	17.073	146.920	34410.387
40550.031	26.077	27.574	29.061	1.019	
11/10/2016 5:00:00 AM	25200.000	65.229	17.073	146.934	34422.559
40564.449	26.087	27.584	29.051	1.019	
11/10/2016 5:15:00 AM	26100.000	65.233	17.072	146.943	34424.539
40567.195	26.089	27.586	29.049	1.019	
11/10/2016 5:30:00 AM	27000.000	65.239	17.073	146.957	34426.805
40569.613	26.091	27.587	29.047	1.019	
11/10/2016 5:45:00 AM	27900.000	65.241	17.073	146.961	34411.043
40550.566	26.077	27.574	29.060	1.019	
11/10/2016 6:00:00 AM	28800.000	65.250	17.073	146.982	34419.141
40560.023	26.084	27.581	29.054	1.019	
11/10/2016 6:15:00 AM	29700.000	65.256	17.073	146.997	34417.387
40557.887	26.082	27.579	29.055	1.019	
11/10/2016 6:30:00 AM	30600.000	65.255	17.072	146.992	34441.301
40586.789	26.103	27.599			

29.035	1.019	
11/10/2016 6:45:00 AM	31500.000	65.277
17.074	147.042	34446.344
40591.523	26.106	27.602
29.031	1.019	
11/10/2016 7:00:00 AM	32400.000	65.269
17.074	147.024	34443.992
40588.754	26.104	27.600
29.033	1.019	
11/10/2016 7:15:00 AM	33300.000	65.268
17.074	147.024	34437.977
40581.824	26.099	27.596
29.038	1.019	
11/10/2016 7:30:00 AM	34200.000	65.268
17.074	147.022	34419.137
40559.625	26.084	27.581
29.054	1.019	
11/10/2016 7:45:00 AM	35100.000	65.276
17.074	147.041	34432.434
40575.293	26.095	27.591
29.042	1.019	
11/10/2016 8:00:00 AM	36000.000	65.278
17.074	147.046	34448.941
40594.586	26.109	27.604
29.028	1.019	
11/10/2016 8:15:00 AM	36900.000	65.276
17.073	147.041	34452.484
40599.316	26.112	27.608
29.025	1.019	
11/10/2016 8:30:00 AM	37800.000	65.276
17.074	147.041	34448.242
40594.000	26.108	27.604
29.029	1.019	
11/10/2016 8:45:00 AM	38700.000	65.280
17.074	147.049	34426.949
40568.746	26.090	27.587
29.047	1.019	
11/10/2016 9:00:00 AM	39600.000	65.276
17.073	147.040	34433.320
40576.895	26.096	27.592
29.042	1.019	
11/10/2016 9:15:00 AM	40500.000	65.276
17.073	147.041	34437.277
40581.328	26.099	27.595
29.038	1.019	
11/10/2016 9:30:00 AM	41400.000	65.278
17.073	147.045	34439.938
40584.531	26.101	27.597
29.036	1.019	
11/10/2016 9:45:00 AM	42300.000	65.271
17.073	147.030	34431.230
40574.434	26.094	27.591
29.043	1.019	
11/10/2016 10:00:00 AM	43200.000	65.269
17.073	147.025	34436.660
40581.160	26.099	27.595
29.039	1.019	

11/10/2016 10:15:00 AM	44100.000	65.267	17.074	147.020	34418.656	40559.133
26.083	27.580	29.054	1.019			
11/10/2016 10:30:00 AM	45000.000	65.266	17.072	147.018	34414.371	40555.121
26.080	27.577	29.058	1.019			
11/10/2016 10:45:00 AM	45900.000	65.259	17.073	147.001	34422.828	40564.926
26.087	27.584	29.050	1.019			
11/10/2016 11:00:00 AM	46800.000	65.256	17.073	146.996	34406.316	40545.402
26.073	27.571	29.064	1.019			
11/10/2016 11:15:00 AM	47700.000	65.252	17.072	146.986	34414.043	40554.664
26.080	27.577	29.058	1.019			
11/10/2016 11:30:00 AM	48600.000	65.247	17.072	146.974	34395.801	40533.480
26.065	27.563	29.073	1.019			
11/10/2016 11:45:00 AM	49500.000	65.238	17.073	146.954	34400.926	40538.957
26.069	27.566	29.069	1.019			
11/10/2016 12:00:00 PM	50400.000	65.240	17.072	146.960	34402.227	40541.219
26.070	27.568	29.068	1.019			
11/10/2016 12:15:00 PM	51300.000	65.231	17.072	146.939	34403.594	40542.750
26.072	27.569	29.067	1.019			
11/10/2016 12:30:00 PM	52200.000	65.226	17.072	146.927	34390.566	40527.313
26.061	27.559	29.078	1.019			
11/10/2016 12:45:00 PM	53100.000	65.225	17.072	146.927	34422.500	40565.273
26.088	27.584	29.051	1.019			
11/10/2016 1:00:00 PM	54000.000	65.220	17.072	146.914	34370.828	40504.297
26.044	27.543	29.094	1.019			
11/10/2016 1:15:00 PM	54900.000	65.212	17.071	146.897	34389.121	40526.258
26.060	27.558	29.079	1.019			
11/10/2016 1:30:00 PM	55800.000	65.217	17.071	146.908	34391.387	40529.164
26.062	27.560	29.077	1.019			
11/10/2016 1:45:00 PM	56700.000	65.211				

17.071	146.894	34395.984
40534.512	26.066	27.563
29.073	1.019	
11/10/2016 2:00:00 PM	57600.000	65.213
17.071	146.898	34407.922
40548.895	26.076	27.573
29.063	1.019	
11/10/2016 2:15:00 PM	58500.000	65.214
17.071	146.900	34390.004
40527.859	26.061	27.559
29.078	1.019	
11/10/2016 2:30:00 PM	59400.000	65.205
17.070	146.880	34398.426
40538.176	26.068	27.566
29.071	1.019	
11/10/2016 2:45:00 PM	60300.000	65.209
17.071	146.889	34378.227
40513.898	26.051	27.549
29.088	1.019	
11/10/2016 3:00:00 PM	61200.000	65.206
17.071	146.884	34373.777
40508.816	26.047	27.546
29.092	1.019	
11/10/2016 3:15:00 PM	62100.000	65.210
17.071	146.893	34376.930
40512.453	26.050	27.548
29.089	1.019	
11/10/2016 3:30:00 PM	63000.000	65.210
17.071	146.892	34373.828
40508.797	26.047	27.546
29.092	1.019	
11/10/2016 3:45:00 PM	63900.000	65.210
17.070	146.893	34381.352
40518.055	26.054	27.552
29.086	1.019	
11/10/2016 4:00:00 PM	64800.000	65.215
17.071	146.903	34380.445
40516.758	26.053	27.551
29.086	1.019	
11/10/2016 4:15:00 PM	65700.000	65.216
17.071	146.904	34368.992
40503.098	26.043	27.542
29.096	1.019	
11/10/2016 4:30:00 PM	66600.000	65.222
17.070	146.919	34355.398
40487.715	26.032	27.532
29.108	1.019	
11/10/2016 4:45:00 PM	67500.000	65.219
17.070	146.912	34376.746
40512.559	26.050	27.549
29.089	1.019	
11/10/2016 5:00:00 PM	68400.000	65.228
17.070	146.933	34385.957
40523.414	26.058	27.556
29.082	1.019	
11/10/2016 5:15:00 PM	69300.000	65.233
17.070	146.945	34360.949

40494.496	26.037	27.536	
29.103	1.019		
11/10/2016 5:30:00 PM	70200.000	65.236	
17.070	146.951	34372.574	
40507.953	26.047	27.545	
29.093	1.019		
11/10/2016 5:45:00 PM	71100.000	65.233	
17.070	146.943	34373.371	
40509.055	26.047	27.546	
29.092	1.019		
11/10/2016 6:00:00 PM	72000.000	65.237	
17.070	146.953	34362.465	
40496.199	26.038	27.537	
29.102	1.019		
11/10/2016 6:15:00 PM	72900.000	65.240	
17.070	146.959	34354.738	
40486.691	26.032	27.531	
29.108	1.019		
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29.103	1.019		
11/10/2016 6:45:00 PM	74700.000	65.246	
17.070	146.973	34361.547	
40494.957	26.037	27.537	
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11/10/2016 7:00:00 PM	75600.000	65.253	
17.070	146.989	34357.719	
40490.773	26.034	27.534	
29.106	1.019		
11/10/2016 7:15:00 PM	76500.000	65.249	
17.070	146.981	34373.004	
40508.621	26.047	27.546	
29.093	1.019		
11/10/2016 7:30:00 PM	77400.000	65.252	
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29.108	1.019		
11/10/2016 7:45:00 PM	78300.000	65.252	
17.070	146.986	34348.332	
40479.789	26.027	27.526	
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11/10/2016 8:00:00 PM	79200.000	65.250	
17.069	146.983	34347.055	
40478.840	26.026	27.526	
29.115	1.019		
11/10/2016 8:15:00 PM	80100.000	65.254	
17.070	146.992	34347.586	
40478.984	26.026	27.526	
29.114	1.019		
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17.069	146.979	34353.109	
40485.813	26.031	27.530	
29.109	1.019		
11/10/2016 8:45:00 PM	81900.000	65.247	
17.070	146.975	34357.301	
40490.359	26.034	27.533	

29.106	1.019		
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17.069	146.973	34358.984	
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29.104	1.019		
11/10/2016 9:15:00 PM	83700.000	65.241	
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29.123	1.019		
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17.069	146.959	34355.086	
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29.108	1.019		
11/10/2016 9:45:00 PM	85500.000	65.239	
17.069	146.956	34334.863	
40464.469	26.016	27.516	
29.125	1.019		
11/10/2016 10:00:00 PM	86400.000	65.233	
17.069	146.945	34345.727	
40477.676	26.025	27.525	
29.116	1.019		
11/10/2016 10:15:00 PM	87300.000	65.230	
17.069	146.936	34343.004	
40474.063	26.022	27.522	
29.118	1.019		
11/10/2016 10:30:00 PM	88200.000	65.223	
17.069	146.921	34346.410	
40478.480	26.026	27.525	
29.115	1.019		
11/10/2016 10:45:00 PM	89100.000	65.221	
17.069	146.917	34327.934	
40456.789	26.010	27.511	
29.131	1.019		
11/10/2016 11:00:00 PM	90000.000	65.218	
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40481.508	26.028	27.527	
29.113	1.019		
11/10/2016 11:15:00 PM	90900.000	65.213	
17.068	146.898	34340.531	
40472.035	26.021	27.521	
29.120	1.019		
11/10/2016 11:30:00 PM	91800.000	65.203	
17.068	146.875	34337.207	
40467.965	26.018	27.518	
29.123	1.019		
11/10/2016 11:45:00 PM	92700.000	65.201	
17.068	146.871	34346.527	
40478.863	26.026	27.526	
29.115	1.019		
11/11/2016 12:00:00 AM	93600.000	65.195	
17.069	146.857	34322.199	
40449.703	26.005	27.506	
29.136	1.019		
11/11/2016 12:15:00 AM	94500.000	65.192	
17.069	146.851	34334.023	
40463.730	26.015	27.515	
29.126	1.019		

11/11/2016 12:30:00 AM	95400.000	65.188	17.068	146.842
34351.375	40484.813	26.030	27.530	29.111
1.019				
11/11/2016 12:45:00 AM	96300.000	65.183	17.068	146.832
34347.813	40480.617	26.027	27.527	29.114
1.019				
11/11/2016 1:00:00 AM	97200.000	65.182	17.068	146.829
34329.520	40459.055	26.012	27.512	29.129
1.019				
11/11/2016 1:15:00 AM	98100.000	65.179	17.068	146.822
34313.094	40439.375	25.998	27.499	29.143
1.019				
11/11/2016 1:30:00 AM	99000.000	65.178	17.068	146.819
34325.531	40454.598	26.009	27.509	29.133
1.019				
11/11/2016 1:45:00 AM	99900.000	65.174	17.068	146.811
34311.320	40437.773	25.997	27.498	29.145
1.019				
11/11/2016 2:00:00 AM	100800.000	65.177	17.068	146.817
34334.105	40464.383	26.016	27.516	29.126
1.019				
11/11/2016 2:15:00 AM	101700.000	65.178	17.068	146.819
34314.020	40440.871	25.999	27.500	29.143
1.019				
11/11/2016 2:30:00 AM	102600.000	65.173	17.067	146.808
34322.152	40451.012	26.006	27.507	29.136
1.019				
11/11/2016 2:45:00 AM	103500.000	65.180	17.068	146.824
34310.953	40437.340	25.996	27.497	29.145
1.019				
11/11/2016 3:00:00 AM	104400.000	65.175	17.068	146.812
34314.797	40442.184	26.000	27.501	29.142
1.019				
11/11/2016 3:15:00 AM	105300.000	65.182	17.068	146.829
34316.770	40444.195	26.001	27.502	29.140
1.019				
11/11/2016 3:30:00 AM	106200.000	65.181	17.067	146.826
34317.723	40446.035	26.002	27.503	29.139
1.019				
11/11/2016 3:45:00 AM	107100.000	65.185	17.067	146.836
34323.977	40453.094	26.007	27.508	29.134
1.019				
11/11/2016 4:00:00 AM	108000.000	65.189		

17.068	146.845	34293.254
40416.559	25.982	27.483
29.160	1.019	
11/11/2016 4:15:00 AM	108900.000	65.197
17.067	146.862	34330.570
40460.863	26.013	27.513
29.129	1.019	
11/11/2016 4:30:00 AM	109800.000	65.200
17.068	146.868	34301.996
40427.098	25.989	27.490
29.153	1.019	
11/11/2016 4:45:00 AM	110700.000	65.210
17.068	146.892	34311.195
40437.859	25.997	27.498
29.145	1.019	
11/11/2016 5:00:00 AM	111600.000	65.208
17.068	146.887	34323.883
40452.738	26.007	27.508
29.134	1.019	
11/11/2016 5:15:00 AM	112500.000	65.216
17.068	146.906	34301.016
40425.703	25.988	27.489
29.154	1.019	
11/11/2016 5:30:00 AM	113400.000	65.219
17.067	146.913	34314.883
40442.535	26.000	27.501
29.142	1.019	
11/11/2016 5:45:00 AM	114300.000	65.225
17.068	146.925	34323.027
40451.570	26.006	27.507
29.135	1.019	
11/11/2016 6:00:00 AM	115200.000	65.233
17.067	146.943	34325.563
40455.273	26.009	27.510
29.133	1.019	
11/11/2016 6:15:00 AM	116100.000	65.239
17.068	146.957	34311.813
40438.664	25.997	27.498
29.144	1.019	
11/11/2016 6:30:00 AM	117000.000	65.235
17.068	146.948	34303.004
40428.129	25.990	27.491
29.152	1.019	
11/11/2016 6:45:00 AM	117900.000	65.246
17.068	146.972	34333.859
40464.172	26.015	27.516
29.126	1.019	
11/11/2016 7:00:00 AM	118800.000	65.250
17.068	146.982	34307.602
40433.070	25.993	27.494
29.148	1.019	
11/11/2016 7:15:00 AM	119700.000	65.254
17.068	146.990	34334.547
40464.980	26.016	27.516
29.125	1.019	
11/11/2016 7:30:00 AM	120600.000	65.256
17.067	146.996	34317.375

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11/11/2016 7:45:00 AM	121500.000	65.260	17.068	147.005	34310.441
40436.250	25.996	27.497	29.146	1.019	
11/11/2016 8:00:00 AM	122400.000	65.263	17.068	147.010	34339.395
40470.375	26.020	27.520	29.121	1.019	
11/11/2016 8:15:00 AM	123300.000	65.265	17.069	147.017	34312.746
40438.891	25.997	27.498	29.144	1.019	
11/11/2016 8:30:00 AM	124200.000	65.266	17.069	147.019	34321.691
40449.352	26.005	27.506	29.136	1.019	
11/11/2016 8:45:00 AM	125100.000	65.264	17.068	147.013	34324.539
40453.035	26.007	27.508	29.134	1.019	
11/11/2016 9:00:00 AM	126000.000	65.269	17.068	147.024	34311.980
40438.551	25.997	27.498	29.144	1.019	
11/11/2016 9:15:00 AM	126900.000	65.266	17.068	147.018	34314.797
40442.105	26.000	27.501	29.142	1.019	
11/11/2016 9:30:00 AM	127800.000	65.260	17.069	147.004	34309.297
40434.590	25.994	27.496	29.147	1.019	
11/11/2016 9:45:00 AM	128700.000	65.263	17.068	147.012	34329.105
40458.414	26.011	27.512	29.130	1.019	
11/11/2016 10:00:00 AM	129600.000	65.262	17.068	147.009	34308.320
40433.996	25.994	27.495	29.147	1.019	
11/11/2016 10:15:00 AM	130500.000	65.258	17.069	147.000	34327.684
40456.008	26.010	27.510	29.131	1.019	
11/11/2016 10:30:00 AM	131400.000	65.251	17.068	146.985	34340.289
40471.750	26.021	27.521	29.120	1.019	
11/11/2016 10:45:00 AM	132300.000	65.249	17.068	146.981	34333.746
40464.277	26.015	27.516	29.126	1.019	
11/11/2016 11:00:00 AM	133200.000	65.247	17.068	146.974	34333.641
40463.836	26.015	27.515			

29.126	1.019	
11/11/2016 11:15:00 AM	134100.000	65.242
17.067	146.964	34342.598
40475.039	26.023	27.523
29.118	1.019	
11/11/2016 11:30:00 AM	135000.000	65.235
17.068	146.948	34331.047
40461.020	26.013	27.513
29.128	1.019	
11/11/2016 11:45:00 AM	135900.000	65.224
17.068	146.924	34324.242
40453.313	26.008	27.508
29.134	1.019	
11/11/2016 12:00:00 PM	136800.000	65.222
17.068	146.919	34320.656
40448.535	26.004	27.505
29.137	1.019	
11/11/2016 12:15:00 PM	137700.000	65.218
17.068	146.909	34341.410
40473.313	26.022	27.522
29.119	1.019	
11/11/2016 12:30:00 PM	138600.000	65.210
17.068	146.893	34333.848
40464.480	26.016	27.516
29.126	1.019	
11/11/2016 12:45:00 PM	139500.000	65.206
17.068	146.884	34326.770
40456.215	26.010	27.510
29.132	1.019	
11/11/2016 1:00:00 PM	140400.000	65.206
17.068	146.883	34320.000
40448.160	26.004	27.505
29.138	1.019	
11/11/2016 1:15:00 PM	141300.000	65.193
17.067	146.854	34330.379
40460.707	26.013	27.513
29.129	1.019	
11/11/2016 1:30:00 PM	142200.000	65.194
17.068	146.856	34329.012
40458.859	26.012	27.512
29.130	1.019	
11/11/2016 1:45:00 PM	143100.000	65.183
17.067	146.831	34310.691
40437.664	25.997	27.498
29.145	1.019	
11/11/2016 2:00:00 PM	144000.000	65.181
17.067	146.828	34301.156
40426.508	25.989	27.490
29.154	1.019	
11/11/2016 2:15:00 PM	144900.000	65.177
17.067	146.817	34306.883
40433.016	25.993	27.494
29.149	1.019	
11/11/2016 2:30:00 PM	145800.000	65.173
17.067	146.809	34310.508
40437.766	25.997	27.498
29.146	1.019	

11/11/2016 2:45:00 PM	146700.000	65.170	17.067	146.802	34307.477	40433.875	25.994	27.495	29.148	1.019
11/11/2016 3:00:00 PM	147600.000	65.174	17.067	146.810	34320.027	40448.668	26.004	27.505	29.138	1.019
11/11/2016 3:15:00 PM	148500.000	65.171	17.067	146.805	34304.914	40430.785	25.992	27.493	29.150	1.019
11/11/2016 3:30:00 PM	149400.000	65.161	17.067	146.782	34296.914	40421.914	25.985	27.487	29.157	1.019
11/11/2016 3:45:00 PM	150300.000	65.165	17.067	146.791	34315.316	40443.516	26.001	27.502	29.142	1.019
11/11/2016 4:00:00 PM	151200.000	65.170	17.067	146.802	34316.156	40444.105	26.001	27.502	29.141	1.019
11/11/2016 4:15:00 PM	152100.000	65.174	17.067	146.811	34323.461	40452.551	26.007	27.508	29.135	1.019
11/11/2016 4:30:00 PM	153000.000	65.168	17.067	146.797	34322.750	40452.035	26.007	27.507	29.135	1.019
11/11/2016 4:45:00 PM	153900.000	65.175	17.067	146.812	34300.379	40425.754	25.988	27.490	29.154	1.019
11/11/2016 5:00:00 PM	154800.000	65.177	17.067	146.817	34289.324	40412.641	25.979	27.481	29.164	1.019
11/11/2016 5:15:00 PM	155700.000	65.181	17.067	146.826	34308.914	40435.813	25.995	27.496	29.147	1.019
11/11/2016 5:30:00 PM	156600.000	65.183	17.067	146.832	34295.008	40419.020	25.983	27.485	29.159	1.019
11/11/2016 5:45:00 PM	157500.000	65.189	17.067	146.844	34288.625	40411.586	25.978	27.480	29.164	1.019
11/11/2016 6:00:00 PM	158400.000	65.193	17.067	146.854	34285.504	40407.750	25.975	27.477	29.167	1.019
11/11/2016 6:15:00 PM	159300.000	65.197

17.067	146.862	34294.512
40418.598	25.983	27.485
29.159	1.019	
11/11/2016 6:30:00 PM	160200.000	65.201
17.067	146.871	34300.746
40426.262	25.988	27.490
29.154	1.019	
11/11/2016 6:45:00 PM	161100.000	65.205
17.067	146.880	34316.770
40445.070	26.002	27.503
29.140	1.019	
11/11/2016 7:00:00 PM	162000.000	65.206
17.067	146.884	34308.805
40435.277	25.995	27.496
29.147	1.019	
11/11/2016 7:15:00 PM	162900.000	65.214
17.067	146.901	34299.238
40424.004	25.987	27.488
29.155	1.019	
11/11/2016 7:30:00 PM	163800.000	65.219
17.067	146.913	34295.875
40420.039	25.984	27.486
29.158	1.019	
11/11/2016 7:45:00 PM	164700.000	65.221
17.067	146.918	34322.559
40451.734	26.007	27.507
29.135	1.019	
11/11/2016 8:00:00 PM	165600.000	65.224
17.068	146.924	34308.895
40435.074	25.995	27.496
29.147	1.019	
11/11/2016 8:15:00 PM	166500.000	65.227
17.067	146.929	34293.691
40417.629	25.982	27.484
29.160	1.019	
11/11/2016 8:30:00 PM	167400.000	65.231
17.067	146.939	34322.676
40451.871	26.007	27.507
29.135	1.019	
11/11/2016 8:45:00 PM	168300.000	65.232
17.067	146.941	34304.984
40430.867	25.992	27.493
29.150	1.019	
11/11/2016 9:00:00 PM	169200.000	65.234
17.067	146.946	34306.547
40432.617	25.993	27.494
29.149	1.019	
11/11/2016 9:15:00 PM	170100.000	65.232
17.068	146.941	34310.117
40436.668	25.996	27.497
29.146	1.019	
11/11/2016 9:30:00 PM	171000.000	65.233
17.067	146.943	34289.266
40412.250	25.978	27.480
29.164	1.019	
11/11/2016 9:45:00 PM	171900.000	65.228
17.068	146.933	34336.605

40467.809	26.018	27.518	
29.123	1.019		
11/11/2016 10:00:00 PM	172800.000	65.224	
17.068	146.924	34306.523	
40432.430	25.993	27.494	
29.149	1.019		
11/11/2016 10:15:00 PM	173700.000	65.221	
17.068	146.918	34315.035	
40442.387	26.000	27.501	
29.142	1.019		
11/11/2016 10:30:00 PM	174600.000	65.224	
17.067	146.924	34314.645	
40442.406	26.000	27.501	
29.142	1.019		
11/11/2016 10:45:00 PM	175500.000	65.220	
17.068	146.914	34316.016	
40443.617	26.001	27.502	
29.141	1.019		
11/11/2016 11:00:00 PM	176400.000	65.213	
17.068	146.899	34307.719	
40433.688	25.994	27.495	
29.148	1.019		
11/11/2016 11:15:00 PM	177300.000	65.211	
17.068	146.894	34323.574	
40452.293	26.007	27.508	
29.134	1.019		
11/11/2016 11:30:00 PM	178200.000	65.210	
17.068	146.892	34330.277	
40460.031	26.012	27.513	
29.129	1.019		
11/11/2016 11:45:00 PM	179100.000	65.203	
17.067	146.877	34320.598	
40449.180	26.005	27.505	
29.137	1.019		
11/12/2016 12:00:00 AM	180000.000	65.203	
17.067	146.877	34304.359	
40430.133	25.991	27.492	
29.151	1.019		
11/12/2016 12:15:00 AM	180900.000	65.195	
17.068	146.858	34290.313	
40413.090	25.979	27.481	
29.163	1.019		
11/12/2016 12:30:00 AM	181800.000	65.194	
17.068	146.856	34306.535	
40432.293	25.993	27.494	
29.149	1.019		
11/12/2016 12:45:00 AM	182700.000	65.184	
17.068	146.834	34320.289	
40448.262	26.004	27.505	
29.137	1.019		
11/12/2016 1:00:00 AM	183600.000	65.183	
17.067	146.832	34315.285	
40443.078	26.000	27.501	
29.142	1.019		
11/12/2016 1:15:00 AM	184500.000	65.187	
17.068	146.841	34324.012	
40452.648	26.007	27.508	

29.134	1.019	
11/12/2016 1:30:00 AM	185400.000	65.185
17.067	146.835	34331.000
40461.758	26.014	27.514
29.128	1.019	
11/12/2016 1:45:00 AM	186300.000	65.181
17.068	146.826	34297.305
40421.332	25.985	27.487
29.157	1.019	
11/12/2016 2:00:00 AM	187200.000	65.176
17.068	146.815	34304.555
40429.715	25.991	27.492
29.151	1.019	
11/12/2016 2:15:00 AM	188100.000	65.178
17.067	146.821	34320.324
40448.855	26.004	27.505
29.137	1.019	
11/12/2016 2:30:00 AM	189000.000	65.177
17.068	146.817	34337.070
40468.355	26.018	27.518
29.123	1.019	
11/12/2016 2:45:00 AM	189900.000	65.180
17.068	146.824	34300.656
40425.363	25.988	27.489
29.154	1.019	
11/12/2016 3:00:00 AM	190800.000	65.175
17.067	146.814	34321.594
40450.441	26.006	27.506
29.136	1.019	
11/12/2016 3:15:00 AM	191700.000	65.179
17.068	146.822	34318.156
40445.988	26.002	27.503
29.139	1.019	
11/12/2016 3:30:00 AM	192600.000	65.175
17.068	146.812	34296.809
40420.980	25.985	27.486
29.157	1.019	
11/12/2016 3:45:00 AM	193500.000	65.181
17.068	146.828	34296.883
40421.070	25.985	27.486
29.157	1.019	
11/12/2016 4:00:00 AM	194400.000	65.187
17.068	146.841	34293.211
40416.348	25.981	27.483
29.160	1.019	
11/12/2016 4:15:00 AM	195300.000	65.184
17.068	146.834	34324.797
40453.969	26.008	27.509
29.133	1.019	
11/12/2016 4:30:00 AM	196200.000	65.189
17.068	146.845	34320.859
40448.852	26.004	27.505
29.137	1.019	
11/12/2016 4:45:00 AM	197100.000	65.197
17.068	146.862	34322.828
40451.496	26.006	27.507
29.135	1.019	

11/12/2016 5:00:00 AM	198000.000	65.209	17.067	146.889	34298.590	40423.242
25.986	27.488	29.156	1.019			
11/12/2016 5:15:00 AM	198900.000	65.207	17.068	146.886	34302.070	40426.871
25.989	27.490	29.153	1.019			
11/12/2016 5:30:00 AM	199800.000	65.216	17.068	146.905	34318.969	40446.785
26.003	27.504	29.138	1.019			
11/12/2016 5:45:00 AM	200700.000	65.220	17.068	146.914	34331.055	40460.711
26.013	27.513	29.128	1.019			
11/12/2016 6:00:00 AM	201600.000	65.231	17.068	146.939	34323.668	40451.922
26.007	27.507	29.134	1.019			
11/12/2016 6:15:00 AM	202500.000	65.240	17.069	146.959	34338.785	40469.250
26.019	27.519	29.122	1.019			
11/12/2016 6:30:00 AM	203400.000	65.244	17.068	146.969	34329.719	40459.137
26.012	27.512	29.129	1.019			
11/12/2016 6:45:00 AM	204300.000	65.249	17.068	146.981	34335.074	40465.281
26.016	27.516	29.125	1.019			
11/12/2016 7:00:00 AM	205200.000	65.260	17.069	147.005	34337.395	40467.543
26.018	27.518	29.123	1.019			
11/12/2016 7:15:00 AM	206100.000	65.263	17.069	147.012	34353.684	40486.566
26.031	27.531	29.109	1.019			
11/12/2016 7:30:00 AM	207000.000	65.273	17.069	147.034	34326.930	40454.801
26.009	27.509	29.132	1.019			
11/12/2016 7:45:00 AM	207900.000	65.278	17.070	147.044	34350.035	40481.871
26.028	27.528	29.112	1.019			
11/12/2016 8:00:00 AM	208800.000	65.280	17.070	147.049	34384.098	40521.859
26.057	27.555	29.083	1.019			
11/12/2016 8:15:00 AM	209700.000	65.285	17.070	147.061	34366.949	40501.406
26.042	27.541	29.098	1.019			
11/12/2016 8:30:00 AM	210600.000	65.294				

17.070	147.081	34378.672
40515.301	26.052	27.550
29.088	1.019	
11/12/2016 8:45:00 AM	211500.000	65.292
17.070	147.076	34377.953
40513.980	26.051	27.550
29.088	1.019	
11/12/2016 9:00:00 AM	212400.000	65.294
17.070	147.082	34390.914
40529.254	26.062	27.560
29.077	1.019	
11/12/2016 9:15:00 AM	213300.000	65.301
17.071	147.097	34395.820
40534.387	26.066	27.563
29.073	1.019	
11/12/2016 9:30:00 AM	214200.000	65.298
17.071	147.090	34378.012
40513.570	26.051	27.549
29.088	1.019	
11/12/2016 9:45:00 AM	215100.000	65.303
17.071	147.102	34384.879
40521.492	26.056	27.555
29.083	1.019	
11/12/2016 10:00:00 AM	216000.000	65.298
17.071	147.091	34404.141
40544.191	26.073	27.570
29.066	1.019	
11/12/2016 10:15:00 AM	216900.000	65.302
17.072	147.099	34380.121
40515.566	26.052	27.551
29.087	1.019	
11/12/2016 10:30:00 AM	217800.000	65.299
17.071	147.093	34384.852
40521.395	26.056	27.555
29.083	1.019	
11/12/2016 10:45:00 AM	218700.000	65.298
17.072	147.091	34378.996
40514.242	26.051	27.550
29.088	1.019	
11/12/2016 11:00:00 AM	219600.000	65.293
17.071	147.080	34391.945
40529.660	26.062	27.560
29.077	1.019	
11/12/2016 11:15:00 AM	220500.000	65.294
17.071	147.081	34388.984
40526.172	26.060	27.558
29.079	1.019	
11/12/2016 11:30:00 AM	221400.000	65.276
17.072	147.040	34397.367
40535.891	26.067	27.564
29.072	1.019	
11/12/2016 11:45:00 AM	222300.000	65.295
17.071	147.084	34396.566
40535.105	26.066	27.564
29.073	1.019	
11/12/2016 12:00:00 PM	223200.000	65.272
17.071	147.031	34410.293

40551.441	26.078	27.575	29.061	1.019
11/12/2016 12:15:00 PM	224100.000	65.266	17.071	147.018
34403.391	40543.148	26.072	27.569	29.067
1.019	11/12/2016 12:30:00 PM	225000.000	65.267	17.071
147.020	34415.656	40558.090	26.082	27.580
29.057	1.019	11/12/2016 12:45:00 PM	225900.000	65.253
17.071	146.989	34363.949	40497.156	26.039
27.538	29.100	1.019	11/12/2016 1:00:00 PM	226800.000
65.246	17.071	146.973	34381.004	40516.859
26.053	27.551	29.086	1.019	11/12/2016 1:15:00 PM
227700.000	65.244	17.071	146.969	34386.605
40523.695	26.058	27.556	29.081	1.019
11/12/2016 1:30:00 PM	228600.000	65.237	17.071	146.953
34404.266	40544.340	26.073	27.570	29.066
1.019	11/12/2016 1:45:00 PM	229500.000	65.232	17.070
146.941	34396.098	40535.434	26.066	27.564
29.073	1.019	11/12/2016 2:00:00 PM	230400.000	65.220
17.070	146.915	34380.484	40517.121	26.053
27.552	29.086	1.019	11/12/2016 2:15:00 PM	231300.000
65.222	17.070	146.919	34387.527	40525.422
26.059	27.557	29.080	1.019	11/12/2016 2:30:00 PM
232200.000	65.219	17.071	146.912	34374.797
40510.168	26.048	27.547	29.091	1.019
11/12/2016 2:45:00 PM	233100.000	65.212	17.070	146.897
34386.129	40524.012	26.058	27.556	29.081
1.019	11/12/2016 3:00:00 PM	234000.000	65.207	17.070
146.886	34364.793	40498.629	26.040	27.539
29.100	1.019	11/12/2016 3:15:00 PM	234900.000	65.204
17.071	146.878	34368.703	40502.195	26.043
27.541	29.096	1.019	11/12/2016 3:30:00 PM	235800.000
65.202	17.070	146.875	34368.223	40502.910
26.043	27.542

29.097	1.019	
11/12/2016 3:45:00 PM	236700.000	65.203
17.070	146.877	34389.426
40527.570	26.061	27.559
29.079	1.019	
11/12/2016 4:00:00 PM	237600.000	65.202
17.070	146.873	34365.734
40500.371	26.041	27.540
29.099	1.019	
11/12/2016 4:15:00 PM	238500.000	65.200
17.070	146.868	34384.465
40522.129	26.057	27.555
29.083	1.019	
11/12/2016 4:30:00 PM	239400.000	65.200
17.070	146.868	34354.246
40486.277	26.031	27.531
29.108	1.019	
11/12/2016 4:45:00 PM	240300.000	65.201
17.070	146.873	34363.383
40497.121	26.039	27.538
29.101	1.019	
11/12/2016 5:00:00 PM	241200.000	65.202
17.071	146.875	34368.809
40502.883	26.043	27.542
29.096	1.019	
11/12/2016 5:15:00 PM	242100.000	65.201
17.070	146.871	34380.500
40517.699	26.054	27.552
29.086	1.019	
11/12/2016 5:30:00 PM	243000.000	65.211
17.070	146.895	34379.641
40516.762	26.053	27.551
29.087	1.019	
11/12/2016 5:45:00 PM	243900.000	65.211
17.070	146.894	34363.496
40497.340	26.039	27.538
29.101	1.019	
11/12/2016 6:00:00 PM	244800.000	65.214
17.070	146.900	34342.047
40472.301	26.021	27.521
29.119	1.019	
11/12/2016 6:15:00 PM	245700.000	65.216
17.070	146.906	34364.242
40497.824	26.039	27.539
29.100	1.019	
11/12/2016 6:30:00 PM	246600.000	65.222
17.070	146.919	34368.891
40504.016	26.044	27.543
29.096	1.019	
11/12/2016 6:45:00 PM	247500.000	65.232
17.070	146.941	34363.465
40497.301	26.039	27.538
29.101	1.019	
11/12/2016 7:00:00 PM	248400.000	65.235
17.070	146.948	34376.688
40512.961	26.050	27.549
29.089	1.019	

11/12/2016 7:15:00 PM	249300.000	65.241	17.070	146.961
34367.305	40501.746	26.042	27.541	29.097
1.019				
11/12/2016 7:30:00 PM	250200.000	65.248	17.070	146.977
34372.273	40507.926	26.047	27.545	29.093
1.019				
11/12/2016 7:45:00 PM	251100.000	65.248	17.070	146.978
34372.719	40508.047	26.047	27.545	29.093
1.019				
11/12/2016 8:00:00 PM	252000.000	65.253	17.070	146.989
34363.344	40497.078	26.039	27.538	29.101
1.019				
11/12/2016 8:15:00 PM	252900.000	65.257	17.070	146.997
34357.379	40490.449	26.034	27.534	29.106
1.019				
11/12/2016 8:30:00 PM	253800.000	65.264	17.070	147.014
34344.332	40474.672	26.023	27.523	29.117
1.019				
11/12/2016 8:45:00 PM	254700.000	65.265	17.070	147.017
34366.613	40500.777	26.042	27.541	29.098
1.019				
11/12/2016 9:00:00 PM	255600.000	65.271	17.070	147.028
34355.699	40488.148	26.033	27.532	29.107
1.019				
11/12/2016 9:15:00 PM	256500.000	65.271	17.070	147.028
34369.992	40505.234	26.045	27.544	29.095
1.019				
11/12/2016 9:30:00 PM	257400.000	65.270	17.070	147.027
34367.883	40502.586	26.043	27.542	29.097
1.019				
11/12/2016 9:45:00 PM	258300.000	65.275	17.071	147.038
34371.520	40506.309	26.046	27.544	29.094
1.019				
11/12/2016 10:00:00 PM	259200.000	65.279	17.070	147.048
34356.137	40488.582	26.033	27.532	29.107
1.019				
11/12/2016 10:15:00 PM	260100.000	65.272	17.070	147.032
34353.414	40485.777	26.031	27.530	29.109
1.019				
11/12/2016 10:30:00 PM	261000.000	65.272	17.070	147.032
34372.746	40508.238	26.047	27.546	29.093
1.019				
11/12/2016 10:45:00 PM	261900.000	65.278		

17.070	147.044	34371.980
40507.496	26.046	27.545
29.093	1.019	
11/12/2016 11:00:00 PM	262800.000	65.278
17.070	147.046	34374.082
40510.137	26.048	27.547
29.092	1.019	
11/12/2016 11:15:00 PM	263700.000	65.272
17.070	147.032	34352.246
40483.844	26.030	27.529
29.110	1.019	
11/12/2016 11:30:00 PM	264600.000	65.272
17.070	147.031	34373.063
40508.453	26.047	27.546
29.093	1.019	
11/12/2016 11:45:00 PM	265500.000	65.273
17.070	147.033	34386.000
40523.859	26.058	27.556
29.082	1.019	
11/13/2016 12:00:00 AM	266400.000	65.264
17.070	147.013	34386.656
40525.027	26.059	27.557
29.081	1.019	
11/13/2016 12:15:00 AM	267300.000	65.261
17.070	147.008	34367.566
40502.379	26.043	27.542
29.097	1.019	
11/13/2016 12:30:00 AM	268200.000	65.259
17.070	147.003	34355.020
40487.348	26.032	27.531
29.108	1.019	
11/13/2016 12:45:00 AM	269100.000	65.254
17.070	146.990	34364.434
40498.840	26.040	27.539
29.100	1.019	
11/13/2016 1:00:00 AM	270000.000	65.247
17.070	146.974	34345.410
40476.184	26.024	27.524
29.116	1.019	
11/13/2016 1:15:00 AM	270900.000	65.247
17.070	146.974	34367.801
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29.097	1.019	
11/13/2016 1:30:00 AM	271800.000	65.240
17.070	146.959	34349.039
40480.621	26.027	27.527
29.113	1.019	
11/13/2016 1:45:00 AM	272700.000	65.240
17.069	146.959	34375.199
40511.688	26.049	27.548
29.091	1.019	
11/13/2016 2:00:00 AM	273600.000	65.233
17.070	146.945	34353.770
40486.195	26.031	27.531
29.109	1.019	
11/13/2016 2:15:00 AM	274500.000	65.230
17.069	146.938	34336.211

40465.824	26.017	27.517	29.124	1.019	
11/13/2016 2:30:00 AM	275400.000	65.230	17.069	146.936	34364.750
40499.371	26.041	27.540	29.100	1.019	
11/13/2016 2:45:00 AM	276300.000	65.222	17.069	146.919	34343.527
40474.359	26.023	27.523	29.118	1.019	
11/13/2016 3:00:00 AM	277200.000	65.225	17.069	146.925	34350.273
40482.789	26.029	27.528	29.112	1.019	
11/13/2016 3:15:00 AM	278100.000	65.225	17.069	146.927	34357.570
40491.480	26.035	27.534	29.106	1.019	
11/13/2016 3:30:00 AM	279000.000	65.226	17.069	146.929	34342.055
40473.035	26.022	27.522	29.119	1.019	
11/13/2016 3:45:00 AM	279900.000	65.224	17.069	146.924	34359.766
40493.977	26.037	27.536	29.104	1.019	
11/13/2016 4:00:00 AM	280800.000	65.227	17.069	146.929	34345.141
40476.672	26.024	27.524	29.116	1.019	
11/13/2016 4:15:00 AM	281700.000	65.226	17.068	146.927	34344.895
40476.938	26.025	27.524	29.116	1.019	
11/13/2016 4:30:00 AM	282600.000	65.236	17.069	146.951	34338.793
40469.191	26.019	27.519	29.122	1.019	
11/13/2016 4:45:00 AM	283500.000	65.234	17.069	146.947	34337.488
40467.723	26.018	27.518	29.123	1.019	
11/13/2016 5:00:00 AM	284400.000	65.238	17.069	146.955	34348.480
40480.359	26.027	27.527	29.113	1.019	
11/13/2016 5:15:00 AM	285300.000	65.246	17.069	146.972	34337.027
40466.699	26.017	27.517	29.123	1.019	
11/13/2016 5:30:00 AM	286200.000	65.252	17.069	146.986	34307.641
40432.066	25.993	27.494	29.148	1.019	
11/13/2016 5:45:00 AM	287100.000	65.255	17.069	146.993	34348.129
40480.426	26.027	27.527			

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11/13/2016 6:00:00 AM	288000.000	65.265
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40474.910	26.023	27.523
29.118	1.019	
11/13/2016 6:15:00 AM	288900.000	65.261
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40464.898	26.016	27.516
29.124	1.019	
11/13/2016 6:30:00 AM	289800.000	65.277
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40466.465	26.017	27.517
29.123	1.019	
11/13/2016 6:45:00 AM	290700.000	65.279
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40481.320	26.028	27.527
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11/13/2016 7:00:00 AM	291600.000	65.289
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40496.453	26.038	27.538
29.102	1.019	
11/13/2016 7:15:00 AM	292500.000	65.292
17.069	147.076	34348.145
40480.121	26.027	27.526
29.114	1.019	
11/13/2016 7:30:00 AM	293400.000	65.300
17.070	147.094	34379.473
40516.488	26.053	27.551
29.087	1.019	
11/13/2016 7:45:00 AM	294300.000	65.304
17.070	147.103	34377.492
40514.074	26.051	27.550
29.089	1.019	
11/13/2016 8:00:00 AM	295200.000	65.308
17.070	147.112	34375.543
40511.453	26.049	27.548
29.090	1.019	
11/13/2016 8:15:00 AM	296100.000	65.317
17.070	147.133	34357.652
40490.293	26.034	27.533
29.106	1.019	
11/13/2016 8:30:00 AM	297000.000	65.329
17.070	147.160	34391.594
40530.367	26.063	27.561
29.077	1.019	
11/13/2016 8:45:00 AM	297900.000	65.330
17.070	147.162	34386.699
40524.523	26.058	27.557
29.081	1.019	
11/13/2016 9:00:00 AM	298800.000	65.335
17.070	147.173	34383.215
40520.250	26.055	27.554
29.084	1.019	
11/13/2016 9:15:00 AM	299700.000	65.335
17.071	147.174	34379.125
40515.270	26.052	27.550
29.087	1.019	

11/13/2016 9:30:00 AM	300600.000	65.346	17.071	147.197
34379.043	40514.547	26.051	27.550	29.087
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11/13/2016 9:45:00 AM	301500.000	65.337	17.072	147.178
34405.793	40545.586	26.074	27.571	29.065
1.019				
11/13/2016 10:00:00 AM	302400.000	65.344	17.071	147.194
34397.789	40536.641	26.067	27.565	29.072
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11/13/2016 10:15:00 AM	303300.000	65.336	17.071	147.175
34392.262	40530.035	26.062	27.560	29.076
1.019				
11/13/2016 10:30:00 AM	304200.000	65.341	17.071	147.186
34394.594	40532.781	26.064	27.562	29.074
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11/13/2016 10:45:00 AM	305100.000	65.335	17.071	147.174
34390.926	40528.551	26.061	27.559	29.077
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11/13/2016 11:00:00 AM	306000.000	65.329	17.072	147.161
34384.789	40521.070	26.056	27.554	29.083
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34400.934	40539.934	26.070	27.567	29.069
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11/13/2016 11:30:00 AM	307800.000	65.323	17.071	147.145
34412.555	40553.871	26.079	27.577	29.059
1.019				
11/13/2016 11:45:00 AM	308700.000	65.321	17.071	147.142
34399.152	40538.559	26.068	27.566	29.070
1.019				
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34393.500	40531.098	26.063	27.561	29.075
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11/13/2016 12:15:00 PM	310500.000	65.307	17.071	147.111
34371.047	40505.191	26.045	27.544	29.094
1.019				
11/13/2016 12:30:00 PM	311400.000	65.298	17.071	147.089
34391.531	40529.500	26.062	27.560	29.077
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11/13/2016 12:45:00 PM	312300.000	65.296	17.070	147.086
34372.258	40507.582	26.046	27.545	29.093
1.019				
11/13/2016 1:00:00 PM	313200.000	65.287		

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40502.797	26.043	27.542
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11/13/2016 1:30:00 PM	315000.000	65.274
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40500.766	26.042	27.541
29.098	1.019	
11/13/2016 1:45:00 PM	315900.000	65.264
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11/13/2016 2:00:00 PM	316800.000	65.254
17.070	146.992	34387.598
40525.660	26.059	27.557
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11/13/2016 2:15:00 PM	317700.000	65.262
17.070	147.009	34367.453
40501.766	26.042	27.541
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11/13/2016 2:30:00 PM	318600.000	65.242
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40501.609	26.042	27.541
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11/13/2016 2:45:00 PM	319500.000	65.237
17.070	146.953	34350.785
40482.602	26.029	27.528
29.111	1.019	
11/13/2016 3:00:00 PM	320400.000	65.225
17.070	146.927	34352.781
40485.105	26.030	27.530
29.110	1.019	
11/13/2016 3:15:00 PM	321300.000	65.217
17.070	146.908	34360.008
40493.469	26.036	27.536
29.104	1.019	
11/13/2016 3:30:00 PM	322200.000	65.215
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40513.418	26.051	27.549
29.089	1.019	
11/13/2016 3:45:00 PM	323100.000	65.212
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40493.070	26.036	27.535
29.104	1.019	
11/13/2016 4:00:00 PM	324000.000	65.205
17.069	146.881	34355.594
40488.664	26.033	27.532
29.107	1.019	
11/13/2016 4:15:00 PM	324900.000	65.201
17.069	146.873	34350.125
40482.547	26.029	27.528
29.112	1.019	
11/13/2016 4:30:00 PM	325800.000	65.201
17.069	146.871	34356.422

40489.969	26.034	27.533	29.107	1.019
11/13/2016 4:45:00 PM	326700.000	65.195	17.069	146.858
34335.094	40465.063	26.016	27.516	29.125
1.019	11/13/2016 5:00:00 PM	327600.000	65.193	17.069
146.855	34347.047	40478.918	26.026	27.526
29.115	1.019	11/13/2016 5:15:00 PM	328500.000	65.196
17.069	146.861	34347.324	40479.074	26.026
27.526	29.114	1.019	11/13/2016 5:30:00 PM	329400.000
65.197	17.069	146.862	34344.523	40476.105
26.024	27.524	29.117	1.019	11/13/2016 5:45:00 PM
330300.000	65.198	17.068	146.866	34322.789
40450.887	26.006	27.507	29.135	1.019
11/13/2016 6:00:00 PM	331200.000	65.196	17.069	146.861
34327.813	40456.410	26.010	27.510	29.131
1.019	11/13/2016 6:15:00 PM	332100.000	65.198	17.068
146.866	34348.348	40481.246	26.028	27.527
29.113	1.019	11/13/2016 6:30:00 PM	333000.000	65.205
17.068	146.881	34312.789	40439.184	25.998
27.499	29.144	1.019	11/13/2016 6:45:00 PM	333900.000
65.208	17.068	146.887	34333.348	40463.566
26.015	27.515	29.126	1.019	11/13/2016 7:00:00 PM
334800.000	65.210	17.068	146.893	34335.281
40465.770	26.017	27.517	29.125	1.019
11/13/2016 7:15:00 PM	335700.000	65.219	17.068	146.912
34325.238	40454.012	26.008	27.509	29.133
1.019	11/13/2016 7:30:00 PM	336600.000	65.221	17.068
146.918	34308.926	40434.633	25.994	27.496
29.147	1.019	11/13/2016 7:45:00 PM	337500.000	65.225
17.068	146.927	34316.453	40443.582	26.001
27.502	29.141	1.019	11/13/2016 8:00:00 PM	338400.000
65.234	17.068	146.947	34318.270	40445.645
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17.068	146.959	34341.625
40473.566	26.022	27.522
29.119	1.019	
11/13/2016 8:30:00 PM	340200.000	65.244
17.068	146.969	34324.109
40452.922	26.007	27.508
29.134	1.019	
11/13/2016 8:45:00 PM	341100.000	65.249
17.068	146.979	34294.805
40418.383	25.983	27.485
29.159	1.019	
11/13/2016 9:00:00 PM	342000.000	65.251
17.068	146.985	34303.063
40428.277	25.990	27.491
29.152	1.019	
11/13/2016 9:15:00 PM	342900.000	65.257
17.068	146.997	34314.770
40441.996	26.000	27.501
29.142	1.019	
11/13/2016 9:30:00 PM	343800.000	65.258
17.067	146.999	34337.680
40469.402	26.019	27.519
29.123	1.019	
11/13/2016 9:45:00 PM	344700.000	65.261
17.068	147.007	34304.207
40429.547	25.991	27.492
29.151	1.019	
11/13/2016 10:00:00 PM	345600.000	65.263
17.068	147.012	34310.492
40437.109	25.996	27.497
29.146	1.019	
11/13/2016 10:15:00 PM	346500.000	65.269
17.067	147.025	34306.750
40432.789	25.993	27.494
29.149	1.019	
11/13/2016 10:30:00 PM	347400.000	65.270
17.067	147.027	34307.043
40433.133	25.993	27.495
29.149	1.019	
11/13/2016 10:45:00 PM	348300.000	65.274
17.067	147.037	34327.227
40457.082	26.010	27.511
29.131	1.019	
11/13/2016 11:00:00 PM	349200.000	65.272
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29.143	1.019	
11/13/2016 11:15:00 PM	350100.000	65.271
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40456.277	26.010	27.510
29.132	1.019	
11/13/2016 11:30:00 PM	351000.000	65.270
17.067	147.026	34290.805
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29.162	1.019	

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34304.422	40429.953	25.991	27.492	29.151
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11/14/2016 12:00:00 AM	352800.000	65.266	17.067	147.018
34307.508	40433.684	25.994	27.495	29.148
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11/14/2016 12:15:00 AM	353700.000	65.261	17.067	147.007
34275.668	40396.871	25.967	27.470	29.175
1.019				
11/14/2016 12:30:00 AM	354600.000	65.258	17.067	147.000
34291.250	40414.910	25.980	27.482	29.162
1.019				
11/14/2016 12:45:00 AM	355500.000	65.257	17.067	146.998
34323.793	40453.188	26.008	27.508	29.134
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11/14/2016 1:00:00 AM	356400.000	65.251	17.067	146.985
34308.223	40435.074	25.995	27.496	29.148
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11/14/2016 1:15:00 AM	357300.000	65.248	17.067	146.977
34309.633	40436.418	25.996	27.497	29.146
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11/14/2016 1:30:00 AM	358200.000	65.243	17.066	146.966
34291.484	40415.672	25.981	27.483	29.162
1.019				
11/14/2016 1:45:00 AM	359100.000	65.237	17.067	146.953
34309.664	40436.535	25.996	27.497	29.146
1.019				
11/14/2016 2:00:00 AM	360000.000	65.237	17.067	146.953
34293.184	40417.348	25.982	27.484	29.160
1.019				
11/14/2016 2:15:00 AM	360900.000	65.229	17.067	146.934
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1.019				
11/14/2016 2:30:00 AM	361800.000	65.227	17.067	146.931
34281.387	40403.445	25.972	27.474	29.170
1.019				
11/14/2016 2:45:00 AM	362700.000	65.229	17.067	146.934
34318.633	40447.426	26.003	27.504	29.139
1.019				
11/14/2016 3:00:00 AM	363600.000	65.223	17.066	146.920
34290.383	40414.375	25.980	27.482	29.163
1.019				
11/14/2016 3:15:00 AM	364500.000	65.221		

17.067	146.918	34303.551
40429.805	25.991	27.492
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17.067	146.908	34302.098
40428.023	25.990	27.491
29.153	1.019	
11/14/2016 3:45:00 AM	366300.000	65.220
17.066	146.915	34294.555
40419.449	25.983	27.485
29.159	1.019	
11/14/2016 4:00:00 AM	367200.000	65.216
17.066	146.904	34301.609
40427.766	25.989	27.491
29.153	1.019	
11/14/2016 4:15:00 AM	368100.000	65.213
17.066	146.899	34280.012
40402.219	25.971	27.474
29.172	1.019	
11/14/2016 4:30:00 AM	369000.000	65.219
17.066	146.913	34294.219
40418.895	25.983	27.485
29.159	1.019	
11/14/2016 4:45:00 AM	369900.000	65.217
17.067	146.907	34303.219
40429.176	25.990	27.492
29.152	1.019	
11/14/2016 5:00:00 AM	370800.000	65.219
17.066	146.913	34283.906
40406.742	25.974	27.477
29.168	1.019	
11/14/2016 5:15:00 AM	371700.000	65.220
17.066	146.915	34303.711
40430.313	25.991	27.493
29.151	1.019	
11/14/2016 5:30:00 AM	372600.000	65.229
17.067	146.935	34302.492
40428.555	25.990	27.491
29.152	1.019	
11/14/2016 5:45:00 AM	373500.000	65.225
17.066	146.925	34301.273
40427.277	25.989	27.491
29.153	1.019	
11/14/2016 6:00:00 AM	374400.000	65.229
17.067	146.934	34297.648
40422.453	25.986	27.487
29.157	1.019	
11/14/2016 6:15:00 AM	375300.000	65.239
17.066	146.956	34277.723
40399.520	25.969	27.472
29.173	1.019	
11/14/2016 6:30:00 AM	376200.000	65.242
17.066	146.964	34295.438
40420.492	25.984	27.486
29.158	1.019	
11/14/2016 6:45:00 AM	377100.000	65.248
17.067	146.977	34298.254

40423.559	25.986	27.488	
29.156	1.019		
11/14/2016 7:00:00 AM	378000.000	65.255	
17.068	146.992	34292.473	
40415.477	25.981	27.483	
29.161	1.019		
11/14/2016 7:15:00 AM	378900.000	65.259	
17.067	147.001	34293.281	
40417.227	25.982	27.484	
29.160	1.019		
11/14/2016 7:30:00 AM	379800.000	65.269	
17.066	147.024	34318.563	
40447.586	26.004	27.504	
29.139	1.019		
11/14/2016 7:45:00 AM	380700.000	65.271	
17.066	147.029	34305.328	
40431.988	25.992	27.494	
29.150	1.019		
11/14/2016 8:00:00 AM	381600.000	65.282	
17.067	147.053	34318.598	
40447.383	26.003	27.504	
29.139	1.019		
11/14/2016 8:15:00 AM	382500.000	65.285	
17.067	147.061	34299.508	
40424.566	25.987	27.489	
29.155	1.019		
11/14/2016 8:30:00 AM	383400.000	65.291	
17.067	147.074	34307.035	
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29.149	1.019		
11/14/2016 8:45:00 AM	384300.000	65.301	
17.068	147.096	34307.711	
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29.148	1.019		
11/14/2016 9:00:00 AM	385200.000	65.303	
17.068	147.102	34290.246	
40413.012	25.979	27.481	
29.163	1.019		
11/14/2016 9:15:00 AM	386100.000	65.311	
17.068	147.120	34312.617	
40439.535	25.998	27.499	
29.144	1.019		
11/14/2016 9:30:00 AM	387000.000	65.313	
17.067	147.124	34311.637	
40438.859	25.997	27.498	
29.145	1.019		
11/14/2016 9:45:00 AM	387900.000	65.321	
17.068	147.142	34321.906	
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29.136	1.019		
11/14/2016 10:00:00 AM	388800.000	65.321	
17.068	147.142	34318.551	
40446.129	26.003	27.503	
29.139	1.019		
11/14/2016 10:15:00 AM	389700.000	65.326	
17.068	147.153	34321.754	
40450.070	26.005	27.506	

29.136	1.019	
11/14/2016 10:30:00 AM	390600.000	65.322
17.068	147.143	34316.215
40443.699	26.001	27.502
29.141	1.019	
11/14/2016 10:45:00 AM	391500.000	65.325
17.068	147.150	34317.957
40445.109	26.002	27.503
29.139	1.019	
11/14/2016 11:00:00 AM	392400.000	65.324
17.068	147.148	34323.930
40452.391	26.007	27.508
29.134	1.019	
11/14/2016 11:15:00 AM	393300.000	65.324
17.068	147.149	34338.711
40470.055	26.020	27.520
29.122	1.019	
11/14/2016 11:30:00 AM	394200.000	65.319
17.069	147.138	34334.773
40464.613	26.016	27.516
29.125	1.019	
11/14/2016 11:45:00 AM	395100.000	65.313
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40444.633	26.002	27.502
29.140	1.019	
11/14/2016 12:00:00 PM	396000.000	65.308
17.069	147.112	34345.766
40477.805	26.025	27.525
29.116	1.019	
11/14/2016 12:15:00 PM	396900.000	65.301
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17.069	147.085	34345.301
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29.116	1.019	
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17.068	147.065	34322.520
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29.135	1.019	
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17.069	147.066	34314.762
40441.266	25.999	27.500
29.142	1.019	
11/14/2016 1:15:00 PM	400500.000	65.274
17.068	147.035	34323.207
40451.379	26.006	27.507
29.135	1.019	
11/14/2016 1:30:00 PM	401400.000	65.261
17.068	147.008	34333.016
40463.023	26.015	27.515
29.126	1.019	
11/14/2016 1:45:00 PM	402300.000	65.259
17.068	147.002	34339.332
40470.543	26.020	27.520
29.121	1.019	

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34325.371	40454.410	26.008	27.509	29.133
1.019				
11/14/2016 2:15:00 PM	404100.000	65.243	17.068	146.966
34324.777	40453.711	26.008	27.509	29.133
1.019				
11/14/2016 2:30:00 PM	405000.000	65.233	17.068	146.945
34322.938	40451.301	26.006	27.507	29.135
1.019				
11/14/2016 2:45:00 PM	405900.000	65.222	17.068	146.919
34311.465	40437.859	25.997	27.498	29.145
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34342.961	40475.535	26.023	27.523	29.118
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34324.598	40453.578	26.008	27.508	29.134
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34314.590	40442.258	26.000	27.501	29.142
1.019				
11/14/2016 3:45:00 PM	409500.000	65.195	17.067	146.858
34299.852	40425.047	25.988	27.489	29.155
1.019				
11/14/2016 4:00:00 PM	410400.000	65.189	17.067	146.845
34331.883	40462.641	26.014	27.515	29.127
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34299.730	40424.828	25.987	27.489	29.155
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34313.820	40441.434	25.999	27.500	29.143
1.019				
11/14/2016 4:45:00 PM	413100.000	65.171	17.067	146.805
34313.969	40441.609	25.999	27.500	29.143
1.019				
11/14/2016 5:00:00 PM	414000.000	65.165	17.067	146.790
34298.242	40422.762	25.986	27.487	29.156
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11/14/2016 5:15:00 PM	414900.000	65.167	17.067	146.795
34307.730	40434.336	25.994	27.495	29.148
1.019				
11/14/2016 5:30:00 PM	415800.000	65.158		

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17.067	146.784	34277.656
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29.174	1.019	
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40411.027	25.978	27.479
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17.066	146.793	34309.258
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40399.246	25.969	27.471
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17.065	146.808	34281.594
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29.170	1.019	
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17.066	146.811	34282.258
40405.195	25.973	27.476
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40414.504	25.980	27.482
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40412.695	25.979	27.481
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29.189	1.019	
11/14/2016 9:00:00 PM	428400.000	65.195
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11/14/2016 9:15:00 PM	429300.000	65.198	17.066	146.866
34281.887	40404.840	25.973	27.475	29.170
1.019	11/14/2016 9:30:00 PM	430200.000	65.202	17.065
146.875	34278.957	40402.191	25.971	27.473
29.172	1.019	11/14/2016 9:45:00 PM	431100.000	65.215
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27.460	29.186	1.019	11/14/2016 10:00:00 PM	432000.000
65.218	17.066	146.910	34279.359	40402.258
25.971	27.474	29.172	1.019	11/14/2016 10:15:00 PM
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146.925	34260.160	40380.273	25.956	27.459
29.188	1.019	11/14/2016 11:00:00 PM	435600.000	65.229
17.065	146.934	34285.457	40409.930	25.977
27.479	29.167	1.019	11/14/2016 11:15:00 PM	436500.000
65.234	17.066	146.946	34259.809	40379.133
25.955	27.458	29.189	1.019	11/14/2016 11:30:00 PM
437400.000	65.234	17.066	146.946	34282.957
40406.102	25.974	27.476	29.169	1.019
11/14/2016 11:45:00 PM	438300.000	65.235	17.065	146.948
34261.164	40381.219	25.956	27.459	29.188
1.019	11/15/2016 12:00:00 AM	439200.000	65.233	17.066
146.945	34289.430	40413.891	25.980	27.481
29.164	1.019	11/15/2016 12:15:00 AM	440100.000	65.237
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27.468	29.178	1.019	11/15/2016 12:30:00 AM	441000.000
65.232	17.066	146.941	34302.051	40428.766
25.990	27.492

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40383.051	25.958	27.460	
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40375.863	25.952	27.456	
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34262.305	40382.238	25.957	27.460	29.187
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34255.129	40373.699	25.951	27.454	29.193
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34276.270	40398.613	25.969	27.471	29.175
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34278.617	40401.633	25.971	27.473	29.173
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11/15/2016 5:45:00 AM	459900.000	65.197	17.066	146.863
34281.805	40404.742	25.973	27.475	29.170
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34295.664	40421.559	25.985	27.487	29.158
1.019				
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1.019				
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34253.262	40371.180	25.949	27.452	29.194
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34261.117	40380.914	25.956	27.459	29.188
1.019				
11/15/2016 7:00:00 AM	464400.000	65.211	17.066	146.895
34274.336	40396.336	25.967	27.470	29.176
1.019				
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1.019				
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1.019				
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40411.957	25.978	27.480
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29.180	1.019	
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29.133	1.019	
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40471.488	26.021	27.521
29.121	1.019	
11/15/2016 5:00:00 PM	500400.000	65.168
17.067	146.797	34335.871
40467.109	26.017	27.518
29.124	1.019	
11/15/2016 5:15:00 PM	501300.000	65.160
17.068	146.779	34319.500
40447.488	26.004	27.504
29.138	1.019	
11/15/2016 5:30:00 PM	502200.000	65.155
17.067	146.769	34311.945
40438.914	25.997	27.498
29.144	1.019	
11/15/2016 5:45:00 PM	503100.000	65.159
17.067	146.776	34310.941
40437.887	25.997	27.498
29.145	1.019	
11/15/2016 6:00:00 PM	504000.000	65.149
17.068	146.754	34329.117
40458.906	26.012	27.512
29.130	1.019	
11/15/2016 6:15:00 PM	504900.000	65.149
17.067	146.754	34315.785
40444.152	26.001	27.502
29.141	1.019	

11/15/2016 6:30:00 PM	505800.000	65.149	17.067	146.754	34298.719
40423.555	25.986	27.488	29.156	1.019	
11/15/2016 6:45:00 PM	506700.000	65.149	17.068	146.754	34324.188
40452.855	26.007	27.508	29.134	1.019	
11/15/2016 7:00:00 PM	507600.000	65.151	17.067	146.758	34328.434
40458.574	26.011	27.512	29.130	1.019	
11/15/2016 7:15:00 PM	508500.000	65.145	17.067	146.746	34303.969
40429.672	25.991	27.492	29.151	1.019	
11/15/2016 7:30:00 PM	509400.000	65.152	17.067	146.761	34322.000
40451.395	26.006	27.507	29.136	1.019	
11/15/2016 7:45:00 PM	510300.000	65.154	17.067	146.766	34321.605
40450.848	26.006	27.507	29.136	1.019	
11/15/2016 8:00:00 PM	511200.000	65.155	17.067	146.768	34312.797
40440.305	25.998	27.499	29.144	1.019	
11/15/2016 8:15:00 PM	512100.000	65.157	17.067	146.772	34310.109
40437.137	25.996	27.497	29.146	1.019	
11/15/2016 8:30:00 PM	513000.000	65.164	17.066	146.789	34314.809
40443.391	26.001	27.502	29.142	1.019	
11/15/2016 8:45:00 PM	513900.000	65.164	17.067	146.788	34305.977
40432.035	25.993	27.494	29.149	1.019	
11/15/2016 9:00:00 PM	514800.000	65.173	17.067	146.809	34294.953
40419.355	25.983	27.485	29.159	1.019	
11/15/2016 9:15:00 PM	515700.000	65.179	17.067	146.822	34297.875
40422.488	25.986	27.487	29.156	1.019	
11/15/2016 9:30:00 PM	516600.000	65.180	17.067	146.824	34284.875
40407.793	25.975	27.477	29.167	1.019	
11/15/2016 9:45:00 PM	517500.000	65.185	17.067	146.836	34281.223
40403.016	25.972	27.474	29.170	1.019	
11/15/2016 10:00:00 PM	518400.000	65.192			

17.067	146.851	34312.301
40439.719	25.998	27.499
29.144	1.019	
11/15/2016 10:15:00 PM	519300.000	65.201
17.066	146.871	34278.973
40401.406	25.971	27.473
29.172	1.019	
11/15/2016 10:30:00 PM	520200.000	65.206
17.066	146.883	34283.551
40406.719	25.974	27.477
29.169	1.019	
11/15/2016 10:45:00 PM	521100.000	65.212
17.067	146.897	34288.926
40412.012	25.978	27.480
29.164	1.019	
11/15/2016 11:00:00 PM	522000.000	65.215
17.066	146.903	34312.020
40439.941	25.998	27.499
29.144	1.019	
11/15/2016 11:15:00 PM	522900.000	65.219
17.066	146.912	34287.180
40410.598	25.977	27.479
29.165	1.019	
11/15/2016 11:30:00 PM	523800.000	65.227
17.067	146.930	34297.281
40422.414	25.986	27.487
29.157	1.019	
11/15/2016 11:45:00 PM	524700.000	65.231
17.067	146.939	34298.027
40423.293	25.986	27.488
29.156	1.019	
11/16/2016 12:00:00 AM	525600.000	65.234
17.066	146.947	34297.348
40422.742	25.986	27.487
29.157	1.019	
11/16/2016 12:15:00 AM	526500.000	65.236
17.067	146.951	34309.957
40436.801	25.996	27.497
29.146	1.019	
11/16/2016 12:30:00 AM	527400.000	65.239
17.067	146.956	34306.895
40433.430	25.993	27.495
29.149	1.019	
11/16/2016 12:45:00 AM	528300.000	65.240
17.067	146.959	34293.672
40418.160	25.983	27.484
29.160	1.019	
11/16/2016 1:00:00 AM	529200.000	65.240
17.067	146.959	34312.473
40439.848	25.998	27.499
29.144	1.019	
11/16/2016 1:15:00 AM	530100.000	65.238
17.067	146.954	34300.094
40424.945	25.987	27.489
29.154	1.019	
11/16/2016 1:30:00 AM	531000.000	65.240
17.067	146.960	34300.105

40425.742	25.988	27.490	
29.154	1.019		
11/16/2016 1:45:00 AM	531900.000	65.240	
17.068	146.959	34308.961	
40435.305	25.995	27.496	
29.147	1.019		
11/16/2016 2:00:00 AM	532800.000	65.238	
17.068	146.955	34324.930	
40454.125	26.008	27.509	
29.133	1.019		
11/16/2016 2:15:00 AM	533700.000	65.239	
17.068	146.956	34327.906	
40457.633	26.011	27.511	
29.131	1.019		
11/16/2016 2:30:00 AM	534600.000	65.235	
17.067	146.949	34329.141	
40459.492	26.012	27.512	
29.130	1.019		
11/16/2016 2:45:00 AM	535500.000	65.237	
17.068	146.953	34325.051	
40454.113	26.008	27.509	
29.133	1.019		
11/16/2016 3:00:00 AM	536400.000	65.235	
17.067	146.949	34309.688	
40436.320	25.996	27.497	
29.146	1.019		
11/16/2016 3:15:00 AM	537300.000	65.232	
17.068	146.941	34331.355	
40461.621	26.014	27.514	
29.128	1.019		
11/16/2016 3:30:00 AM	538200.000	65.229	
17.068	146.934	34299.551	
40423.582	25.987	27.488	
29.155	1.019		
11/16/2016 3:45:00 AM	539100.000	65.233	
17.068	146.945	34338.211	
40469.465	26.019	27.519	
29.122	1.019		
11/16/2016 4:00:00 AM	540000.000	65.229	
17.067	146.935	34324.582	
40453.875	26.008	27.509	
29.134	1.019		
11/16/2016 4:15:00 AM	540900.000	65.226	
17.069	146.927	34321.211	
40448.867	26.005	27.505	
29.137	1.019		
11/16/2016 4:30:00 AM	541800.000	65.227	
17.068	146.931	34338.902	
40470.113	26.020	27.520	
29.121	1.019		
11/16/2016 4:45:00 AM	542700.000	65.228	
17.068	146.933	34292.551	
40415.250	25.981	27.482	
29.161	1.019		
11/16/2016 5:00:00 AM	543600.000	65.225	
17.068	146.925	34332.129	
40461.809	26.014	27.514	

29.127	1.019		
11/16/2016 5:15:00 AM	544500.000	65.226	
17.068	146.929	34336.672	
40467.652	26.018	27.518	
29.123	1.019		
11/16/2016 5:30:00 AM	545400.000	65.226	
17.068	146.927	34331.445	
40461.172	26.013	27.514	
29.128	1.019		
11/16/2016 5:45:00 AM	546300.000	65.223	
17.068	146.921	34337.781	
40469.117	26.019	27.519	
29.122	1.019		
11/16/2016 6:00:00 AM	547200.000	65.225	
17.068	146.925	34345.676	
40478.180	26.025	27.525	
29.116	1.019		
11/16/2016 6:15:00 AM	548100.000	65.227	
17.068	146.930	34328.348	
40457.918	26.011	27.511	
29.130	1.019		
11/16/2016 6:30:00 AM	549000.000	65.227	
17.068	146.930	34318.258	
40445.707	26.002	27.503	
29.139	1.019		
11/16/2016 6:45:00 AM	549900.000	65.235	
17.068	146.948	34328.086	
40457.047	26.010	27.511	
29.131	1.019		
11/16/2016 7:00:00 AM	550800.000	65.234	
17.069	146.947	34337.723	
40468.090	26.018	27.518	
29.122	1.019		
11/16/2016 7:15:00 AM	551700.000	65.240	
17.068	146.959	34345.949	
40478.180	26.025	27.525	
29.116	1.019		
11/16/2016 7:30:00 AM	552600.000	65.242	
17.069	146.964	34330.918	
40459.910	26.012	27.513	
29.128	1.019		
11/16/2016 7:45:00 AM	553500.000	65.254	
17.069	146.992	34314.805	
40440.922	25.999	27.500	
29.142	1.019		
11/16/2016 8:00:00 AM	554400.000	65.255	
17.069	146.992	34345.223	
40477.000	26.025	27.524	
29.116	1.019		
11/16/2016 8:15:00 AM	555300.000	65.265	
17.069	147.016	34321.531	
40448.676	26.004	27.505	
29.136	1.019		
11/16/2016 8:30:00 AM	556200.000	65.269	
17.069	147.025	34348.105	
40480.168	26.027	27.527	
29.114	1.019		

11/16/2016 8:45:00 AM	557100.000	65.276	17.069	147.040
34320.480	40447.680	26.004	27.504	29.137
1.019				
11/16/2016 9:00:00 AM	558000.000	65.284	17.069	147.058
34341.766	40472.695	26.022	27.521	29.119
1.019				
11/16/2016 9:15:00 AM	558900.000	65.291	17.069	147.075
34355.680	40489.094	26.033	27.533	29.107
1.019				
11/16/2016 9:30:00 AM	559800.000	65.295	17.069	147.083
34344.320	40475.457	26.023	27.523	29.117
1.019				
11/16/2016 9:45:00 AM	560700.000	65.306	17.069	147.108
34348.988	40480.723	26.027	27.527	29.113
1.019				
11/16/2016 10:00:00 AM	561600.000	65.310	17.070	147.118
34360.641	40494.051	26.037	27.536	29.103
1.019				
11/16/2016 10:15:00 AM	562500.000	65.314	17.070	147.126
34374.469	40510.348	26.048	27.547	29.091
1.019				
11/16/2016 10:30:00 AM	563400.000	65.324	17.070	147.148
34395.926	40535.953	26.067	27.564	29.073
1.019				
11/16/2016 10:45:00 AM	564300.000	65.328	17.070	147.157
34370.242	40504.895	26.045	27.543	29.095
1.019				
11/16/2016 11:00:00 AM	565200.000	65.330	17.070	147.163
34392.012	40530.707	26.063	27.561	29.077
1.019				
11/16/2016 11:15:00 AM	566100.000	65.343	17.070	147.191
34406.770	40548.102	26.075	27.573	29.064
1.019				
11/16/2016 11:30:00 AM	567000.000	65.343	17.071	147.192
34394.023	40532.758	26.064	27.562	29.075
1.019				
11/16/2016 11:45:00 AM	567900.000	65.339	17.070	147.183
34390.418	40528.906	26.062	27.560	29.078
1.019				
11/16/2016 12:00:00 PM	568800.000	65.343	17.071	147.192
34385.938	40523.145	26.058	27.556	29.082
1.019				
11/16/2016 12:15:00 PM	569700.000	65.341		

17.071	147.187	34408.758
40549.961	26.077	27.574
29.062	1.019	
11/16/2016 12:30:00 PM	570600.000	65.346
17.071	147.198	34397.578
40536.391	26.067	27.565
29.072	1.019	
11/16/2016 12:45:00 PM	571500.000	65.340
17.071	147.184	34408.676
40549.379	26.076	27.574
29.062	1.019	
11/16/2016 1:00:00 PM	572400.000	65.335
17.071	147.173	34398.313
40537.492	26.068	27.565
29.071	1.019	
11/16/2016 1:15:00 PM	573300.000	65.332
17.071	147.167	34391.848
40529.793	26.062	27.560
29.077	1.019	
11/16/2016 1:30:00 PM	574200.000	65.325
17.072	147.151	34405.414
40545.375	26.073	27.571
29.065	1.019	
11/16/2016 1:45:00 PM	575100.000	65.323
17.071	147.145	34393.621
40531.797	26.064	27.562
29.075	1.019	
11/16/2016 2:00:00 PM	576000.000	65.320
17.071	147.139	34402.973
40542.656	26.071	27.569
29.067	1.019	
11/16/2016 2:15:00 PM	576900.000	65.313
17.071	147.124	34404.699
40545.020	26.073	27.571
29.066	1.019	
11/16/2016 2:30:00 PM	577800.000	65.307
17.071	147.111	34407.785
40548.574	26.076	27.573
29.063	1.019	
11/16/2016 2:45:00 PM	578700.000	65.300
17.072	147.095	34390.773
40528.035	26.061	27.559
29.078	1.019	
11/16/2016 3:00:00 PM	579600.000	65.294
17.071	147.081	34399.039
40538.348	26.068	27.566
29.071	1.019	
11/16/2016 3:15:00 PM	580500.000	65.279
17.070	147.048	34391.152
40529.535	26.062	27.560
29.077	1.019	
11/16/2016 3:30:00 PM	581400.000	65.275
17.070	147.038	34377.766
40513.828	26.051	27.549
29.089	1.019	
11/16/2016 3:45:00 PM	582300.000	65.265
17.070	147.016	34394.566

40533.629	26.065	27.563	29.074	1.019
11/16/2016 4:00:00 PM	583200.000	65.253	17.071	146.988
34384.352	40521.277	26.056	27.554	29.083
1.019	11/16/2016 4:15:00 PM	584100.000	65.253	17.070
146.989	34385.273	40522.844	26.057	27.556
29.082	1.019	11/16/2016 4:30:00 PM	585000.000	65.247
17.070	146.974	34393.344	40532.117	26.064
27.562	29.075	1.019	11/16/2016 4:45:00 PM	585900.000
65.234	17.070	146.946	34384.988	40522.508
26.057	27.555	29.082	1.019	11/16/2016 5:00:00 PM
586800.000	65.231	17.070	146.939	34377.016
40513.035	26.050	27.549	29.089	1.019
11/16/2016 5:15:00 PM	587700.000	65.225	17.070	146.925
34338.402	40467.531	26.018	27.518	29.122
1.019	11/16/2016 5:30:00 PM	588600.000	65.219	17.070
146.913	34391.586	40530.766	26.063	27.561
29.077	1.019	11/16/2016 5:45:00 PM	589500.000	65.209
17.070	146.891	34374.074	40509.805	26.048
27.547	29.092	1.019	11/16/2016 6:00:00 PM	590400.000
65.203	17.070	146.877	34361.863	40495.180
26.038	27.537	29.102	1.019	11/16/2016 6:15:00 PM
591300.000	65.201	17.070	146.871	34368.051
40502.781	26.043	27.542	29.097	1.019
11/16/2016 6:30:00 PM	592200.000	65.196	17.070	146.860
34354.930	40487.160	26.032	27.531	29.108
1.019	11/16/2016 6:45:00 PM	593100.000	65.195	17.070
146.858	34365.242	40499.473	26.041	27.540
29.099	1.019	11/16/2016 7:00:00 PM	594000.000	65.192
17.070	146.851	34358.449	40491.711	26.035
27.534	29.105	1.019	11/16/2016 7:15:00 PM	594900.000
65.195	17.070	146.857	34368.551	40503.539
26.044	27.542

29.096	1.019	
11/16/2016 7:30:00 PM	595800.000	65.190
17.070	146.847	34363.414
40497.637	26.039	27.538
29.101	1.019	
11/16/2016 7:45:00 PM	596700.000	65.194
17.069	146.856	34350.547
40483.043	26.029	27.528
29.112	1.019	
11/16/2016 8:00:00 PM	597600.000	65.187
17.069	146.841	34349.281
40481.305	26.028	27.527
29.113	1.019	
11/16/2016 8:15:00 PM	598500.000	65.196
17.069	146.860	34354.051
40487.406	26.032	27.531
29.109	1.019	
11/16/2016 8:30:00 PM	599400.000	65.195
17.069	146.858	34341.141
40471.473	26.021	27.521
29.120	1.019	
11/16/2016 8:45:00 PM	600300.000	65.194
17.069	146.857	34363.070
40497.715	26.039	27.538
29.101	1.019	
11/16/2016 9:00:00 PM	601200.000	65.201
17.069	146.871	34340.148
40470.305	26.020	27.520
29.120	1.019	
11/16/2016 9:15:00 PM	602100.000	65.203
17.069	146.877	34335.016
40464.742	26.016	27.516
29.125	1.019	
11/16/2016 9:30:00 PM	603000.000	65.205
17.069	146.880	34339.293
40469.691	26.019	27.519
29.121	1.019	
11/16/2016 9:45:00 PM	603900.000	65.210
17.069	146.892	34334.133
40464.094	26.015	27.516
29.126	1.019	
11/16/2016 10:00:00 PM	604800.000	65.215
17.069	146.903	34349.477
40482.016	26.028	27.528
29.113	1.019	
11/16/2016 10:15:00 PM	605700.000	65.220
17.068	146.914	34336.203
40466.934	26.017	27.518
29.124	1.019	
11/16/2016 10:30:00 PM	606600.000	65.229
17.069	146.934	34349.203
40481.855	26.028	27.528
29.113	1.019	
11/16/2016 10:45:00 PM	607500.000	65.228
17.069	146.933	34334.547
40464.188	26.015	27.516
29.125	1.019	

11/16/2016 11:00:00 PM	608400.000	65.234	
17.069	146.947	34358.004	
40491.902	26.035	27.534	
29.105	1.019		
11/16/2016 11:15:00 PM	609300.000	65.245	
17.068	146.972	34358.824	
40493.441	26.036	27.536	
29.105	1.019		
11/16/2016 11:30:00 PM	610200.000	65.249	
17.069	146.979	34361.324	
40495.656	26.038	27.537	
29.102	1.019		
11/16/2016 11:45:00 PM	611100.000	65.259	
17.068	147.001	34350.004	
40482.961	26.029	27.528	
29.112	1.019		

Report Date: 11/18/2016 8:36:33 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_2016-11-17_08-20-45-618.wsl
Create Date: 11/17/2016 8:20:16 AM

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

Log Configuration
Log Name: MPWSP MW-3S Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 6:58:13 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/13/2015 7:00:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 44.5023 (ft)
Head Pressure: 19.756 (PSI)
Temperature: 17.1158 (C)

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

TDS Factor: 0.68

Log Notes:

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

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

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

Log Data:
Record Count: 714
Sensors: 1
1 - 396211: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft
Elapsed Time SN#: 396211 SN#: 396211
SN#: 396211 SN#: 396211 SN#: 396211
SN#: 396211 SN#: 396211 SN#: 396211
SN#: 396211
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)
Salinity (PSU) Total Dissolved Solids (ppt) Resistivity (ohm-cm)
Water Density (g/cm3)
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11/10/2016 12:00:00 AM 7200.000 19.049
17.058 42.911 34468.188
40631.477 26.134 27.629
29.012 1.019
11/10/2016 12:15:00 AM 8100.000 19.052
17.060 42.916 34485.063
40650.008 26.147 27.642
28.998 1.019
11/10/2016 12:30:00 AM 9000.000 19.053
17.059 42.919 34463.418
40624.969 26.129 27.625
29.016 1.019
11/10/2016 12:45:00 AM 9900.000 19.050
17.060 42.913 34498.836
40666.328 26.159 27.653
28.986 1.019
11/10/2016 1:00:00 AM 10800.000 19.053
17.058 42.918 34487.848
40654.652 26.151 27.645
28.996 1.019
11/10/2016 1:15:00 AM 11700.000 19.059
17.058 42.932 34487.563
40654.637 26.151 27.645
28.996 1.019
11/10/2016 1:30:00 AM 12600.000 19.057
17.057 42.928 34458.051
40620.734 26.126 27.622

29.021	1.019			
11/10/2016 1:45:00 AM	13500.000	19.058	17.060	42.930
34496.668	40663.441	26.157	27.651	28.988
1.019				
11/10/2016 2:00:00 AM	14400.000	19.053	17.058	42.919
34472.008	40636.301	26.137	27.633	29.009
1.019				
11/10/2016 2:15:00 AM	15300.000	19.058	17.056	42.930
34487.492	40656.168	26.152	27.646	28.996
1.019				
11/10/2016 2:30:00 AM	16200.000	19.055	17.058	42.923
34501.008	40670.094	26.162	27.656	28.985
1.019				
11/10/2016 2:45:00 AM	17100.000	19.060	17.062	42.934
34487.250	40650.180	26.148	27.642	28.996
1.019				
11/10/2016 3:00:00 AM	18000.000	19.060	17.069	42.935
34469.477	40623.043	26.129	27.624	29.011
1.019				
11/10/2016 3:15:00 AM	18900.000	19.060	17.074	42.935
34473.176	40622.836	26.129	27.624	29.008
1.019				
11/10/2016 3:30:00 AM	19800.000	19.061	17.075	42.938
34478.723	40628.883	26.133	27.628	29.003
1.019				
11/10/2016 3:45:00 AM	20700.000	19.061	17.077	42.938
34485.004	40634.445	26.137	27.631	28.998
1.019				
11/10/2016 4:00:00 AM	21600.000	19.064	17.077	42.944
34480.945	40629.184	26.133	27.628	29.002
1.019				
11/10/2016 4:15:00 AM	22500.000	19.062	17.077	42.939
34468.188	40614.629	26.123	27.618	29.012
1.019				
11/10/2016 4:30:00 AM	23400.000	19.062	17.079	42.940
34434.980	40573.813	26.094	27.590	29.040
1.019				
11/10/2016 4:45:00 AM	24300.000	19.066	17.077	42.948
34472.219	40618.820	26.126	27.621	29.009
1.019				
11/10/2016 5:00:00 AM	25200.000	19.064	17.077	42.944
34470.027	40616.078	26.124	27.619	29.011
1.019				

11/10/2016 5:15:00 AM	26100.000	19.065	17.078	42.945	34456.840
40600.371	26.113	27.608	29.022	1.019	
11/10/2016 5:30:00 AM	27000.000	19.070	17.077	42.957	34438.887
40579.543	26.098	27.594	29.037	1.019	
11/10/2016 5:45:00 AM	27900.000	19.068	17.075	42.953	34433.148
40574.461	26.094	27.591	29.042	1.019	
11/10/2016 6:00:00 AM	28800.000	19.068	17.076	42.954	34461.102
40606.438	26.117	27.612	29.018	1.019	
11/10/2016 6:15:00 AM	29700.000	19.069	17.076	42.954	34406.559
40542.977	26.072	27.569	29.064	1.019	
11/10/2016 6:30:00 AM	30600.000	19.070	17.075	42.958	34472.355
40620.984	26.127	27.622	29.009	1.019	
11/10/2016 6:45:00 AM	31500.000	19.073	17.075	42.963	34455.648
40601.465	26.113	27.609	29.023	1.019	
11/10/2016 7:00:00 AM	32400.000	19.071	17.074	42.959	34418.465
40558.922	26.083	27.580	29.054	1.019	
11/10/2016 7:15:00 AM	33300.000	19.072	17.073	42.961	34460.469
40608.496	26.118	27.614	29.019	1.019	
11/10/2016 7:30:00 AM	34200.000	19.072	17.073	42.961	34457.555
40605.863	26.116	27.612	29.021	1.019	
11/10/2016 7:45:00 AM	35100.000	19.074	17.072	42.965	34447.738
40594.629	26.108	27.604	29.029	1.019	
11/10/2016 8:00:00 AM	36000.000	19.073	17.072	42.964	34426.734
40569.789	26.091	27.587	29.047	1.019	
11/10/2016 8:15:00 AM	36900.000	19.074	17.073	42.967	34446.352
40592.508	26.107	27.603	29.031	1.019	
11/10/2016 8:30:00 AM	37800.000	19.075	17.071	42.968	34438.258
40584.336	26.101	27.597	29.037	1.019	
11/10/2016 8:45:00 AM	38700.000	19.077			

17.071	42.973	34423.348
40567.086	26.089	27.586
29.050	1.019	
11/10/2016 9:00:00 AM	39600.000	19.080
17.071	42.980	34374.824
40509.660	26.048	27.547
29.091	1.019	
11/10/2016 9:15:00 AM	40500.000	19.075
17.071	42.968	34450.605
40598.805	26.111	27.607
29.027	1.019	
11/10/2016 9:30:00 AM	41400.000	19.079
17.070	42.978	34436.797
40583.652	26.101	27.597
29.039	1.019	
11/10/2016 9:45:00 AM	42300.000	19.079
17.072	42.977	34441.945
40587.805	26.104	27.600
29.034	1.019	
11/10/2016 10:00:00 AM	43200.000	19.084
17.073	42.989	34454.164
40601.227	26.113	27.609
29.024	1.019	
11/10/2016 10:15:00 AM	44100.000	19.080
17.074	42.980	34423.910
40565.262	26.088	27.584
29.050	1.019	
11/10/2016 10:30:00 AM	45000.000	19.082
17.074	42.983	34389.031
40523.520	26.058	27.556
29.079	1.019	
11/10/2016 10:45:00 AM	45900.000	19.084
17.074	42.989	34433.531
40576.043	26.095	27.592
29.041	1.019	
11/10/2016 11:00:00 AM	46800.000	19.082
17.073	42.985	34470.652
40620.750	26.127	27.622
29.010	1.019	
11/10/2016 11:15:00 AM	47700.000	19.086
17.075	42.994	34453.598
40598.559	26.111	27.607
29.025	1.019	
11/10/2016 11:30:00 AM	48600.000	19.086
17.076	42.993	34443.059
40585.824	26.102	27.598
29.033	1.019	
11/10/2016 11:45:00 AM	49500.000	19.086
17.077	42.993	34454.051
40597.664	26.111	27.606
29.024	1.019	
11/10/2016 12:00:00 PM	50400.000	19.083
17.076	42.986	34453.117
40597.438	26.111	27.606
29.025	1.019	
11/10/2016 12:15:00 PM	51300.000	19.086
17.077	42.994	34457.629

40601.547	26.114	27.609	
29.021	1.019		
11/10/2016 12:30:00 PM	52200.000	19.085	
17.076	42.991	34427.672	
40567.215	26.089	27.586	
29.046	1.019		
11/10/2016 12:45:00 PM	53100.000	19.090	
17.079	43.002	34456.457	
40598.570	26.112	27.607	
29.022	1.019		
11/10/2016 1:00:00 PM	54000.000	19.088	
17.079	42.999	34432.648	
40570.996	26.092	27.588	
29.042	1.019		
11/10/2016 1:15:00 PM	54900.000	19.086	
17.079	42.993	34435.258	
40573.344	26.094	27.590	
29.040	1.019		
11/10/2016 1:30:00 PM	55800.000	19.090	
17.080	43.003	34415.055	
40549.301	26.077	27.574	
29.057	1.019		
11/10/2016 1:45:00 PM	56700.000	19.087	
17.081	42.995	34451.805	
40591.164	26.106	27.602	
29.026	1.019		
11/10/2016 2:00:00 PM	57600.000	19.092	
17.082	43.007	34433.582	
40569.281	26.091	27.587	
29.041	1.019		
11/10/2016 2:15:00 PM	58500.000	19.091	
17.083	43.005	34467.859	
40608.871	26.119	27.614	
29.013	1.019		
11/10/2016 2:30:00 PM	59400.000	19.090	
17.082	43.002	34439.770	
40576.414	26.096	27.592	
29.036	1.019		
11/10/2016 2:45:00 PM	60300.000	19.091	
17.082	43.005	34451.449	
40590.012	26.106	27.601	
29.026	1.019		
11/10/2016 3:00:00 PM	61200.000	19.093	
17.082	43.009	34403.375	
40533.059	26.065	27.562	
29.067	1.019		
11/10/2016 3:15:00 PM	62100.000	19.092	
17.083	43.008	34430.141	
40564.184	26.087	27.584	
29.044	1.019		
11/10/2016 3:30:00 PM	63000.000	19.094	
17.084	43.010	34391.055	
40517.020	26.054	27.552	
29.077	1.019		
11/10/2016 3:45:00 PM	63900.000	19.092	
17.085	43.007	34465.207	
40603.656	26.116	27.610	

29.015	1.019			
11/10/2016 4:00:00 PM	64800.000	19.097		
17.087	43.017	34388.344		
40511.516	26.050	27.548		
29.080	1.019			
11/10/2016 4:15:00 PM	65700.000	19.098		
17.087	43.021	34383.008		
40505.141	26.045	27.543		
29.084	1.019			
11/10/2016 4:30:00 PM	66600.000	19.096		
17.087	43.016	34397.082		
40521.004	26.057	27.554		
29.072	1.019			
11/10/2016 4:45:00 PM	67500.000	19.095		
17.088	43.013	34392.543		
40515.492	26.053	27.551		
29.076	1.019			
11/10/2016 5:00:00 PM	68400.000	19.096		
17.088	43.015	34393.531		
40516.020	26.053	27.551		
29.075	1.019			
11/10/2016 5:15:00 PM	69300.000	19.094		
17.089	43.010	34359.098		
40475.055	26.024	27.523		
29.104	1.019			
11/10/2016 5:30:00 PM	70200.000	19.102		
17.089	43.028	34381.629		
40501.520	26.043	27.541		
29.085	1.019			
11/10/2016 5:45:00 PM	71100.000	19.099		
17.087	43.023	34363.707		
40481.688	26.029	27.528		
29.100	1.019			
11/10/2016 6:00:00 PM	72000.000	19.097		
17.088	43.019	34371.387		
40490.332	26.035	27.533		
29.094	1.019			
11/10/2016 6:15:00 PM	72900.000	19.102		
17.088	43.029	34382.902		
40503.898	26.045	27.543		
29.084	1.019			
11/10/2016 6:30:00 PM	73800.000	19.099		
17.088	43.023	34367.438		
40485.527	26.032	27.530		
29.097	1.019			
11/10/2016 6:45:00 PM	74700.000	19.103		
17.087	43.031	34371.230		
40491.191	26.036	27.534		
29.094	1.019			
11/10/2016 7:00:00 PM	75600.000	19.099		
17.086	43.023	34327.898		
40440.863	26.000	27.500		
29.131	1.019			
11/10/2016 7:15:00 PM	76500.000	19.101		
17.086	43.028	34329.844		
40442.988	26.001	27.501		
29.129	1.019			

11/10/2016 7:30:00 PM	77400.000	19.103	17.086	43.031	34331.328
40444.906	26.003	27.503	29.128	1.019	
11/10/2016 7:45:00 PM	78300.000	19.101	17.086	43.027	34321.004
40432.820	25.994	27.494	29.137	1.019	
11/10/2016 8:00:00 PM	79200.000	19.104	17.086	43.034	34297.566
40404.813	25.974	27.475	29.157	1.019	
11/10/2016 8:15:00 PM	80100.000	19.110	17.086	43.047	34293.625
40400.406	25.971	27.472	29.160	1.019	
11/10/2016 8:30:00 PM	81000.000	19.106	17.087	43.038	34317.703
40427.891	25.990	27.491	29.139	1.019	
11/10/2016 8:45:00 PM	81900.000	19.102	17.087	43.029	34288.125
40392.891	25.966	27.467	29.165	1.019	
11/10/2016 9:00:00 PM	82800.000	19.106	17.087	43.038	34303.055
40410.875	25.978	27.479	29.152	1.019	
11/10/2016 9:15:00 PM	83700.000	19.103	17.088	43.032	34278.496
40380.750	25.957	27.459	29.173	1.019	
11/10/2016 9:30:00 PM	84600.000	19.108	17.088	43.042	34247.797
40344.273	25.931	27.434	29.199	1.019	
11/10/2016 9:45:00 PM	85500.000	19.104	17.089	43.034	34289.469
40392.715	25.966	27.467	29.163	1.019	
11/10/2016 10:00:00 PM	86400.000	19.105	17.090	43.035	34259.039
40355.676	25.939	27.442	29.189	1.019	
11/10/2016 10:15:00 PM	87300.000	19.106	17.091	43.038	34251.379
40346.176	25.933	27.435	29.196	1.019	
11/10/2016 10:30:00 PM	88200.000	19.103	17.091	43.032	34267.039
40364.305	25.945	27.448	29.183	1.019	
11/10/2016 10:45:00 PM	89100.000	19.105	17.091	43.035	34255.512
40351.043	25.936	27.439	29.192	1.019	
11/10/2016 11:00:00 PM	90000.000	19.106			

17.093	43.038	34257.000
40351.211	25.936	27.439
29.191	1.019	
11/10/2016 11:15:00 PM	90900.000	19.104
17.092	43.033	34292.465
40393.219	25.966	27.467
29.161	1.019	
11/10/2016 11:30:00 PM	91800.000	19.104
17.093	43.034	34267.563
40363.484	25.945	27.447
29.182	1.019	
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17.093	43.030	34257.148
40351.055	25.936	27.439
29.191	1.019	
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17.094	43.032	34230.641
40319.359	25.914	27.417
29.214	1.019	
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17.095	43.032	34258.063
40350.301	25.936	27.438
29.190	1.019	
11/11/2016 12:30:00 AM	95400.000	19.106
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40343.793	25.931	27.434
29.195	1.019	
11/11/2016 12:45:00 AM	96300.000	19.105
17.095	43.035	34235.605
40323.781	25.917	27.420
29.209	1.019	
11/11/2016 1:00:00 AM	97200.000	19.106
17.095	43.038	34222.648
40308.277	25.906	27.410
29.220	1.019	
11/11/2016 1:15:00 AM	98100.000	19.106
17.096	43.038	34228.457
40314.953	25.911	27.414
29.215	1.019	
11/11/2016 1:30:00 AM	99000.000	19.107
17.097	43.041	34261.707
40352.449	25.937	27.440
29.187	1.019	
11/11/2016 1:45:00 AM	99900.000	19.105
17.097	43.035	34222.875
40307.113	25.905	27.409
29.220	1.019	
11/11/2016 2:00:00 AM	100800.000	19.106
17.099	43.039	34218.578
40300.297	25.900	27.404
29.224	1.019	
11/11/2016 2:15:00 AM	101700.000	19.105
17.098	43.035	34237.082
40322.809	25.916	27.420
29.208	1.019	
11/11/2016 2:30:00 AM	102600.000	19.105
17.100	43.036	34193.027

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40312.883	25.909	27.413	29.214	1.019		
11/11/2016 3:00:00 AM	104400.000	19.108	17.100	43.042	34204.246	
40282.305	25.888	27.392	29.236	1.019		
11/11/2016 3:15:00 AM	105300.000	19.105	17.100	43.035	34203.789	
40281.848	25.887	27.392	29.237	1.019		
11/11/2016 3:30:00 AM	106200.000	19.101	17.100	43.026	34185.309	
40260.000	25.872	27.377	29.252	1.019		
11/11/2016 3:45:00 AM	107100.000	19.107	17.100	43.041	34190.797	
40266.313	25.876	27.381	29.248	1.019		
11/11/2016 4:00:00 AM	108000.000	19.103	17.101	43.031	34180.941	
40254.305	25.868	27.373	29.256	1.018		
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40217.848	25.842	27.348	29.283	1.018		
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11/11/2016 5:00:00 AM	111600.000	19.103	17.101	43.031	34126.320	
40189.977	25.822	27.329	29.303	1.018		
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40160.063	25.801	27.309	29.325	1.018		
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40187.051	25.820	27.327	29.305	1.018		
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11/11/2016 6:30:00 AM	117000.000	19.108	17.101	43.043
34094.930	40152.543	25.795	27.304	29.330
1.018				
11/11/2016 6:45:00 AM	117900.000	19.107	17.101	43.040
34091.387	40148.926	25.793	27.301	29.333
1.018				
11/11/2016 7:00:00 AM	118800.000	19.105	17.100	43.035
34087.039	40144.117	25.789	27.298	29.337
1.018				
11/11/2016 7:15:00 AM	119700.000	19.112	17.098	43.051
34099.465	40160.652	25.801	27.309	29.326
1.018				
11/11/2016 7:30:00 AM	120600.000	19.108	17.098	43.043
34096.465	40157.668	25.799	27.307	29.329
1.018				
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34082.039	40139.410	25.786	27.295	29.341
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34095.832	40156.141	25.798	27.306	29.329
1.018				
11/11/2016 8:15:00 AM	123300.000	19.106	17.096	43.038
34105.207	40169.879	25.807	27.316	29.321
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34114.828	40181.281	25.815	27.323	29.313
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34117.000	40184.395	25.818	27.325	29.311
1.018				
11/11/2016 9:00:00 AM	126000.000	19.103	17.093	43.032
34110.008	40178.066	25.813	27.321	29.317
1.018				
11/11/2016 9:15:00 AM	126900.000	19.106	17.092	43.038
34092.371	40158.164	25.799	27.308	29.332
1.018				
11/11/2016 9:30:00 AM	127800.000	19.104	17.094	43.034
34099.930	40164.695	25.804	27.312	29.326
1.018				

11/11/2016 9:45:00 AM	128700.000	19.103	17.093	43.031	34086.621
40149.961	25.793	27.302	29.337	1.018	
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40197.621	25.827	27.334	29.304	1.018	
11/11/2016 10:15:00 AM	130500.000	19.102	17.090	43.028	34081.953
40147.711	25.791	27.300	29.341	1.018	
11/11/2016 10:30:00 AM	131400.000	19.105	17.090	43.035	34106.266
40176.031	25.811	27.320	29.320	1.018	
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40199.035	25.828	27.335	29.305	1.018	
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40169.703	25.807	27.315	29.325	1.018	
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40193.750	25.824	27.332	29.309	1.018	
11/11/2016 11:30:00 AM	135000.000	19.102	17.088	43.029	34114.914
40188.199	25.820	27.328	29.313	1.018	
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40191.215	25.822	27.330	29.309	1.018	
11/11/2016 12:00:00 PM	136800.000	19.105	17.088	43.035	34144.395
40222.617	25.844	27.351	29.287	1.018	
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40243.109	25.859	27.365	29.275	1.018	
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40238.035	25.855	27.362
29.278	1.018	
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40225.770	25.847	27.354
29.286	1.018	
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17.086	43.023	34179.590
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29.257	1.019	
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40245.191	25.860	27.367
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40255.625	25.868	27.374
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40247.773	25.862	27.368
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17.091	43.020	34173.352
40254.023	25.867	27.373
29.263	1.018	
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40233.973	25.853	27.359
29.276	1.018	
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17.096	43.013	34180.699
40257.914	25.870	27.375
29.256	1.019	
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17.100	43.009	34181.875
40255.879	25.869	27.374
29.255	1.018	
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17.103	43.017	34236.434
40318.066	25.913	27.416
29.209	1.019	
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40262.035	25.873	27.378
29.249	1.019	
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17.104	43.020	34192.313
40265.082	25.875	27.380
29.246	1.019	
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40200.195	25.829	27.336	29.293	1.018	
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40220.863	25.844	27.350	29.278	1.018	
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40203.645	25.832	27.338	29.291	1.018	
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40238.883	25.857	27.362	29.265	1.018	
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40206.246	25.834	27.340	29.289	1.018	
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40147.883	25.792	27.301	29.332	1.018	
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40177.906	25.813	27.321	29.310	1.018	
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40181.234	25.816	27.323	29.308	1.018	
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40149.039	25.793	27.301	29.331	1.018	
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40161.883	25.802	27.310	29.321	1.018	
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40178.512	25.814	27.321	29.309	1.018	
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40152.137	25.795	27.303	29.329	1.018	
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40082.563	25.746	27.256	29.379	1.018	
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40144.336	25.790	27.298	29.335	1.018	
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29.360	1.018		
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40109.813	25.765	27.275	
29.360	1.018		
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40119.063	25.772	27.281	
29.354	1.018		
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40111.793	25.766	27.276	
29.360	1.018		
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17.102	43.015	34064.273	
40115.801	25.769	27.279	
29.356	1.018		
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17.101	43.010	34055.863	
40106.762	25.763	27.273	
29.364	1.018		
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40118.008	25.771	27.280	
29.356	1.018		
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40086.781	25.748	27.259	
29.380	1.018		
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29.353	1.018		
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29.340	1.018		
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40120.004	25.772	27.282	
29.356	1.018		
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40167.000	25.805	27.314	
29.321	1.018		
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17.097	43.010	34094.527	
40155.789	25.797	27.306	
29.330	1.018		
11/11/2016 11:45:00 PM	179100.000	19.097	
17.098	43.019	34086.844	
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29.337	1.018		

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34112.891	40178.285	25.813	27.321	29.314
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11/12/2016 12:15:00 AM	180900.000	19.094	17.095	43.012
34069.164	40127.742	25.777	27.287	29.352
1.018				
11/12/2016 12:30:00 AM	181800.000	19.094	17.094	43.011
34096.863	40161.621	25.801	27.310	29.328
1.018				
11/12/2016 12:45:00 AM	182700.000	19.094	17.093	43.012
34110.859	40178.512	25.813	27.321	29.316
1.018				
11/12/2016 1:00:00 AM	183600.000	19.093	17.095	43.009
34105.156	40170.363	25.808	27.316	29.321
1.018				
11/12/2016 1:15:00 AM	184500.000	19.099	17.094	43.023
34085.496	40148.230	25.792	27.301	29.338
1.018				
11/12/2016 1:30:00 AM	185400.000	19.092	17.092	43.008
34094.883	40161.195	25.801	27.310	29.330
1.018				
11/12/2016 1:45:00 AM	186300.000	19.097	17.092	43.017
34100.031	40166.793	25.805	27.313	29.325
1.018				
11/12/2016 2:00:00 AM	187200.000	19.095	17.094	43.014
34112.059	40179.285	25.814	27.322	29.315
1.018				
11/12/2016 2:15:00 AM	188100.000	19.096	17.092	43.017
34107.910	40176.148	25.812	27.320	29.319
1.018				
11/12/2016 2:30:00 AM	189000.000	19.096	17.089	43.015
34093.609	40161.766	25.801	27.310	29.331
1.018				
11/12/2016 2:45:00 AM	189900.000	19.095	17.092	43.013
34102.527	40169.961	25.807	27.316	29.323
1.018				
11/12/2016 3:00:00 AM	190800.000	19.096	17.092	43.015
34131.496	40203.613	25.831	27.338	29.298
1.018				
11/12/2016 3:15:00 AM	191700.000	19.096	17.093	43.017
34136.148	40208.930	25.835	27.342	29.294
1.018				
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17.094	43.015	34079.199
40140.582	25.786	27.296
29.343	1.018	
11/12/2016 3:45:00 AM	193500.000	19.095
17.097	43.013	34119.863
40186.016	25.819	27.326
29.308	1.018	
11/12/2016 4:00:00 AM	194400.000	19.095
17.096	43.014	34118.844
40185.531	25.818	27.326
29.309	1.018	
11/12/2016 4:15:00 AM	195300.000	19.096
17.099	43.015	34140.086
40208.102	25.835	27.342
29.291	1.018	
11/12/2016 4:30:00 AM	196200.000	19.095
17.100	43.014	34122.527
40186.547	25.819	27.327
29.306	1.018	
11/12/2016 4:45:00 AM	197100.000	19.098
17.102	43.021	34136.969
40201.410	25.830	27.337
29.294	1.018	
11/12/2016 5:00:00 AM	198000.000	19.101
17.102	43.026	34123.488
40185.301	25.819	27.326
29.305	1.018	
11/12/2016 5:15:00 AM	198900.000	19.095
17.103	43.014	34140.656
40205.039	25.833	27.339
29.291	1.018	
11/12/2016 5:30:00 AM	199800.000	19.096
17.101	43.015	34114.277
40175.168	25.811	27.319
29.313	1.018	
11/12/2016 5:45:00 AM	200700.000	19.094
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40200.805	25.830	27.337
29.294	1.018	
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40194.195	25.825	27.332
29.299	1.018	
11/12/2016 6:15:00 AM	202500.000	19.095
17.101	43.014	34122.582
40185.176	25.818	27.326
29.306	1.018	
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17.101	43.017	34120.813
40183.250	25.817	27.325
29.308	1.018	
11/12/2016 6:45:00 AM	204300.000	19.097
17.100	43.017	34117.316
40179.852	25.815	27.322
29.311	1.018	
11/12/2016 7:00:00 AM	205200.000	19.093
17.098	43.009	34104.176

40166.125	25.805	27.313	29.322	1.018	
11/12/2016 7:15:00 AM	206100.000	19.099	17.097	43.021	34129.242
40196.512	25.826	27.334	29.300	1.018	
11/12/2016 7:30:00 AM	207000.000	19.096	17.097	43.017	34117.469
40182.727	25.817	27.324	29.310	1.018	
11/12/2016 7:45:00 AM	207900.000	19.099	17.097	43.021	34130.809
40198.438	25.828	27.335	29.299	1.018	
11/12/2016 8:00:00 AM	208800.000	19.097	17.095	43.019	34088.313
40150.293	25.793	27.302	29.336	1.018	
11/12/2016 8:15:00 AM	209700.000	19.096	17.093	43.015	34096.078
40161.332	25.801	27.310	29.329	1.018	
11/12/2016 8:30:00 AM	210600.000	19.100	17.093	43.024	34140.570
40214.137	25.839	27.346	29.291	1.018	
11/12/2016 8:45:00 AM	211500.000	19.101	17.094	43.028	34134.309
40205.188	25.832	27.340	29.296	1.018	
11/12/2016 9:00:00 AM	212400.000	19.095	17.092	43.014	34159.672
40236.801	25.855	27.361	29.274	1.018	
11/12/2016 9:15:00 AM	213300.000	19.101	17.091	43.027	34095.891
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11/12/2016 9:30:00 AM	214200.000	19.098	17.091	43.020	34113.469
40184.043	25.817	27.325	29.314	1.018	
11/12/2016 9:45:00 AM	215100.000	19.100	17.090	43.024	34106.250
40176.250	25.812	27.320	29.320	1.018	
11/12/2016 10:00:00 AM	216000.000	19.098	17.088	43.020	34119.348
40193.590	25.824	27.332	29.309	1.018	
11/12/2016 10:15:00 AM	216900.000	19.102	17.087	43.028	34129.031
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11/12/2016 10:30:00 AM	217800.000	19.103	17.088	43.031	34130.613
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11/12/2016 10:45:00 AM	218700.000	19.107		
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11/12/2016 11:00:00 AM	219600.000	19.104		
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29.269	1.018			
11/12/2016 11:15:00 AM	220500.000	19.107		
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11/12/2016 11:30:00 AM	221400.000	19.106		
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29.257	1.019			
11/12/2016 11:45:00 AM	222300.000	19.103		
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40249.234	25.863	27.369		
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40282.504	25.887	27.392		
29.245	1.019			
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40284.750	25.889	27.394		
29.244	1.019			
11/12/2016 1:00:00 PM	226800.000	19.109		
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17.084	43.047	34198.816		
40290.227	25.892	27.397		
29.241	1.019			
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29.228	1.019			

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34233.020	40330.992	25.921	27.425	29.212
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34179.266	40269.020	25.877	27.383	29.258
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34254.070	40356.742	25.940	27.443	29.194
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34234.652	40336.742	25.925	27.429	29.210
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34217.570	40316.695	25.911	27.415	29.225
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34274.164	40370.387	25.950	27.452	29.176
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43.077	34258.523	40352.520	25.937	27.440
29.190	1.019	11/12/2016 10:00:00 PM	259200.000	19.133
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40330.035	25.921	27.424	29.206	1.019
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29.223 1.019

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25.921	27.424	29.201	1.019			
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40285.199	25.889	27.394
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40289.863	25.893	27.397
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40276.352	25.883	27.388
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40227.512	25.848	27.355
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29.223	1.019		
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40330.941	25.922	27.425	
29.208	1.019		
11/13/2016 1:45:00 PM	315900.000	19.140	
17.087	43.116	34200.270	
40289.953	25.892	27.397	
29.240	1.019		
11/13/2016 2:00:00 PM	316800.000	19.145	
17.087	43.126	34239.871	
40336.199	25.925	27.429	
29.206	1.019		
11/13/2016 2:15:00 PM	317700.000	19.144	
17.087	43.123	34223.129	
40316.246	25.911	27.415	
29.220	1.019		
11/13/2016 2:30:00 PM	318600.000	19.147	
17.087	43.130	34228.512	
40322.977	25.916	27.420	
29.215	1.019		
11/13/2016 2:45:00 PM	319500.000	19.148	
17.087	43.133	34257.176	
40356.660	25.940	27.443	
29.191	1.019		
11/13/2016 3:00:00 PM	320400.000	19.145	
17.086	43.125	34204.977	
40296.055	25.897	27.401	

29.236	1.019			
11/13/2016 3:15:00 PM	321300.000	19.146		
17.085	43.128	34250.691		
40350.707	25.935	27.438		
29.196	1.019			
11/13/2016 3:30:00 PM	322200.000	19.142		
17.084	43.118	34257.891		
40360.543	25.942	27.445		
29.190	1.019			
11/13/2016 3:45:00 PM	323100.000	19.145		
17.086	43.127	34260.188		
40361.016	25.943	27.445		
29.188	1.019			
11/13/2016 4:00:00 PM	324000.000	19.145		
17.086	43.125	34259.414		
40360.262	25.942	27.445		
29.189	1.019			
11/13/2016 4:15:00 PM	324900.000	19.145		
17.089	43.126	34221.395		
40313.082	25.909	27.413		
29.221	1.019			
11/13/2016 4:30:00 PM	325800.000	19.146		
17.091	43.129	34248.859		
40343.047	25.930	27.433		
29.198	1.019			
11/13/2016 4:45:00 PM	326700.000	19.146		
17.095	43.129	34222.371		
40308.422	25.906	27.410		
29.221	1.019			
11/13/2016 5:00:00 PM	327600.000	19.144		
17.101	43.123	34254.535		
40340.504	25.929	27.432		
29.193	1.019			
11/13/2016 5:15:00 PM	328500.000	19.146		
17.104	43.128	34243.926		
40325.457	25.918	27.421		
29.202	1.019			
11/13/2016 5:30:00 PM	329400.000	19.145		
17.106	43.126	34256.113		
40337.980	25.927	27.430		
29.192	1.019			
11/13/2016 5:45:00 PM	330300.000	19.149		
17.108	43.135	34276.293		
40360.148	25.943	27.445		
29.175	1.019			
11/13/2016 6:00:00 PM	331200.000	19.148		
17.109	43.133	34244.434		
40321.203	25.916	27.418		
29.202	1.019			
11/13/2016 6:15:00 PM	332100.000	19.147		
17.109	43.130	34227.715		
40301.594	25.902	27.405		
29.216	1.019			
11/13/2016 6:30:00 PM	333000.000	19.148		
17.109	43.132	34229.313		
40304.035	25.903	27.407		
29.215	1.019			

11/13/2016 6:45:00 PM	333900.000	19.146	17.109	43.128
34210.176	40281.262	25.887	27.391	29.231
1.019				
11/13/2016 7:00:00 PM	334800.000	19.145	17.109	43.125
34190.098	40257.453	25.870	27.375	29.248
1.018				
11/13/2016 7:15:00 PM	335700.000	19.145	17.109	43.127
34209.570	40280.469	25.887	27.391	29.232
1.019				
11/13/2016 7:30:00 PM	336600.000	19.152	17.109	43.142
34191.410	40259.566	25.872	27.377	29.247
1.018				
11/13/2016 7:45:00 PM	337500.000	19.145	17.109	43.126
34159.844	40222.477	25.845	27.351	29.274
1.018				
11/13/2016 8:00:00 PM	338400.000	19.147	17.108	43.131
34162.512	40225.699	25.848	27.353	29.272
1.018				
11/13/2016 8:15:00 PM	339300.000	19.148	17.109	43.134
34151.660	40212.680	25.838	27.345	29.281
1.018				
11/13/2016 8:30:00 PM	340200.000	19.145	17.108	43.127
34125.605	40182.242	25.817	27.324	29.304
1.018				
11/13/2016 8:45:00 PM	341100.000	19.151	17.109	43.140
34130.828	40188.313	25.821	27.328	29.299
1.018				
11/13/2016 9:00:00 PM	342000.000	19.149	17.108	43.134
34112.535	40166.852	25.806	27.313	29.315
1.018				
11/13/2016 9:15:00 PM	342900.000	19.151	17.109	43.140
34118.449	40173.258	25.810	27.318	29.310
1.018				
11/13/2016 9:30:00 PM	343800.000	19.146	17.109	43.128
34093.281	40143.703	25.789	27.298	29.331
1.018				
11/13/2016 9:45:00 PM	344700.000	19.153	17.108	43.144
34084.113	40133.387	25.782	27.291	29.339
1.018				
11/13/2016 10:00:00 PM	345600.000	19.147	17.108	43.131
34079.348	40127.848	25.778	27.287	29.343
1.018				
11/13/2016 10:15:00 PM	346500.000	19.147		

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40165.590	25.805	27.313
29.316	1.018	
11/13/2016 10:30:00 PM	347400.000	19.151
17.107	43.140	34062.914
40109.289	25.765	27.274
29.357	1.018	
11/13/2016 10:45:00 PM	348300.000	19.151
17.110	43.139	34079.281
40126.586	25.777	27.286
29.343	1.018	
11/13/2016 11:00:00 PM	349200.000	19.152
17.110	43.141	34033.133
40071.941	25.738	27.249
29.383	1.018	
11/13/2016 11:15:00 PM	350100.000	19.149
17.109	43.136	34060.438
40105.113	25.762	27.271
29.360	1.018	
11/13/2016 11:30:00 PM	351000.000	19.148
17.110	43.132	34057.566
40101.094	25.759	27.269
29.362	1.018	
11/13/2016 11:45:00 PM	351900.000	19.153
17.111	43.144	34067.063
40111.410	25.766	27.276
29.354	1.018	
11/14/2016 12:00:00 AM	352800.000	19.148
17.110	43.133	34046.195
40087.152	25.749	27.259
29.372	1.018	
11/14/2016 12:15:00 AM	353700.000	19.152
17.109	43.141	34055.477
40098.793	25.757	27.267
29.364	1.018	
11/14/2016 12:30:00 AM	354600.000	19.150
17.109	43.137	34061.664
40106.160	25.763	27.272
29.359	1.018	
11/14/2016 12:45:00 AM	355500.000	19.146
17.109	43.129	34066.152
40111.602	25.767	27.276
29.355	1.018	
11/14/2016 1:00:00 AM	356400.000	19.150
17.108	43.138	34059.379
40104.336	25.761	27.271
29.360	1.018	
11/14/2016 1:15:00 AM	357300.000	19.150
17.108	43.138	34048.426
40091.836	25.752	27.262
29.370	1.018	
11/14/2016 1:30:00 AM	358200.000	19.149
17.110	43.134	34062.383
40106.613	25.763	27.272
29.358	1.018	
11/14/2016 1:45:00 AM	359100.000	19.148
17.108	43.133	34047.680

40091.199	25.752	27.262	29.371	1.018	
11/14/2016 2:00:00 AM	360000.000	19.151	17.106	43.139	34064.234
40111.875	25.767	27.276	29.356	1.018	
11/14/2016 2:15:00 AM	360900.000	19.150	17.107	43.138	34080.746
40130.445	25.780	27.289	29.342	1.018	
11/14/2016 2:30:00 AM	361800.000	19.147	17.109	43.131	34089.320
40138.793	25.786	27.294	29.335	1.018	
11/14/2016 2:45:00 AM	362700.000	19.145	17.108	43.125	34087.148
40136.961	25.785	27.293	29.337	1.018	
11/14/2016 3:00:00 AM	363600.000	19.146	17.107	43.129	34088.180
40139.672	25.786	27.295	29.336	1.018	
11/14/2016 3:15:00 AM	364500.000	19.143	17.107	43.121	34063.477
40110.191	25.765	27.275	29.357	1.018	
11/14/2016 3:30:00 AM	365400.000	19.142	17.108	43.118	34105.156
40158.473	25.800	27.308	29.321	1.018	
11/14/2016 3:45:00 AM	366300.000	19.145	17.108	43.127	34055.098
40099.777	25.758	27.268	29.364	1.018	
11/14/2016 4:00:00 AM	367200.000	19.145	17.110	43.125	34051.508
40093.641	25.754	27.264	29.367	1.018	
11/14/2016 4:15:00 AM	368100.000	19.145	17.112	43.126	34099.824
40148.715	25.793	27.301	29.326	1.018	
11/14/2016 4:30:00 AM	369000.000	19.144	17.112	43.123	34096.176
40144.730	25.790	27.298	29.329	1.018	
11/14/2016 4:45:00 AM	369900.000	19.141	17.112	43.117	34105.949
40155.520	25.798	27.306	29.320	1.018	
11/14/2016 5:00:00 AM	370800.000	19.140	17.113	43.115	34065.203
40107.320	25.764	27.273	29.355	1.018	
11/14/2016 5:15:00 AM	371700.000	19.140	17.113	43.115	34067.043
40109.020	25.765	27.274			

29.354	1.018		
11/14/2016 5:30:00 AM	372600.000	19.140	
17.113	43.114	34041.023	
40078.383	25.743	27.253	
29.376	1.018		
11/14/2016 5:45:00 AM	373500.000	19.142	
17.114	43.118	34081.836	
40125.801	25.777	27.286	
29.341	1.018		
11/14/2016 6:00:00 AM	374400.000	19.145	
17.115	43.125	34094.164	
40139.668	25.787	27.295	
29.331	1.018		
11/14/2016 6:15:00 AM	375300.000	19.138	
17.113	43.111	34058.164	
40098.797	25.758	27.267	
29.362	1.018		
11/14/2016 6:30:00 AM	376200.000	19.139	
17.113	43.112	34047.871	
40086.602	25.749	27.259	
29.370	1.018		
11/14/2016 6:45:00 AM	377100.000	19.138	
17.113	43.109	34057.852	
40098.195	25.757	27.267	
29.362	1.018		
11/14/2016 7:00:00 AM	378000.000	19.138	
17.113	43.110	34062.875	
40104.422	25.762	27.271	
29.357	1.018		
11/14/2016 7:15:00 AM	378900.000	19.134	
17.112	43.101	34058.480	
40100.195	25.759	27.268	
29.361	1.018		
11/14/2016 7:30:00 AM	379800.000	19.145	
17.114	43.125	34064.746	
40105.910	25.763	27.272	
29.356	1.018		
11/14/2016 7:45:00 AM	380700.000	19.140	
17.113	43.115	34031.695	
40067.402	25.735	27.246	
29.384	1.018		
11/14/2016 8:00:00 AM	381600.000	19.139	
17.112	43.112	34054.277	
40094.770	25.755	27.264	
29.365	1.018		
11/14/2016 8:15:00 AM	382500.000	19.138	
17.111	43.110	34020.023	
40055.547	25.727	27.238	
29.394	1.018		
11/14/2016 8:30:00 AM	383400.000	19.136	
17.110	43.105	34040.398	
40080.652	25.745	27.255	
29.377	1.018		
11/14/2016 8:45:00 AM	384300.000	19.129	
17.109	43.090	34026.738	
40065.434	25.734	27.244	
29.389	1.018		

11/14/2016 9:00:00 AM	385200.000	19.138	17.109	43.109	34038.977
40079.922	25.744	27.254	29.378	1.018	
11/14/2016 9:15:00 AM	386100.000	19.131	17.109	43.094	34011.074
40046.910	25.721	27.232	29.402	1.018	
11/14/2016 9:30:00 AM	387000.000	19.134	17.108	43.102	34059.379
40105.051	25.762	27.271	29.360	1.018	
11/14/2016 9:45:00 AM	387900.000	19.134	17.107	43.102	34010.164
40047.898	25.721	27.233	29.403	1.018	
11/14/2016 10:00:00 AM	388800.000	19.139	17.107	43.112	34040.551
40083.520	25.746	27.257	29.377	1.018	
11/14/2016 10:15:00 AM	389700.000	19.132	17.105	43.096	34039.813
40084.379	25.747	27.257	29.377	1.018	
11/14/2016 10:30:00 AM	390600.000	19.135	17.101	43.103	34033.391
40079.977	25.744	27.254	29.383	1.018	
11/14/2016 10:45:00 AM	391500.000	19.135	17.103	43.103	34023.727
40067.180	25.735	27.246	29.391	1.018	
11/14/2016 11:00:00 AM	392400.000	19.134	17.099	43.100	34018.223
40063.863	25.732	27.243	29.396	1.018	
11/14/2016 11:15:00 AM	393300.000	19.136	17.100	43.105	34033.566
40081.617	25.745	27.256	29.383	1.018	
11/14/2016 11:30:00 AM	394200.000	19.136	17.099	43.105	34046.715
40097.492	25.756	27.266	29.371	1.018	
11/14/2016 11:45:00 AM	395100.000	19.135	17.100	43.104	34061.020
40113.949	25.768	27.277	29.359	1.018	
11/14/2016 12:00:00 PM	396000.000	19.138	17.100	43.111	34063.484
40116.527	25.770	27.279	29.357	1.018	
11/14/2016 12:15:00 PM	396900.000	19.134	17.100	43.100	34075.164
40130.363	25.779	27.289	29.347	1.018	
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17.100	43.092	34061.629
40114.578	25.768	27.278
29.359	1.018	
11/14/2016 12:45:00 PM	398700.000	19.135
17.099	43.103	34093.215
40152.258	25.795	27.304
29.331	1.018	
11/14/2016 1:00:00 PM	399600.000	19.138
17.101	43.110	34085.715
40142.156	25.788	27.297
29.338	1.018	
11/14/2016 1:15:00 PM	400500.000	19.138
17.100	43.109	34086.836
40144.355	25.789	27.298
29.337	1.018	
11/14/2016 1:30:00 PM	401400.000	19.133
17.096	43.099	34118.086
40184.637	25.818	27.326
29.310	1.018	
11/14/2016 1:45:00 PM	402300.000	19.135
17.099	43.104	34124.625
40190.051	25.822	27.329
29.304	1.018	
11/14/2016 2:00:00 PM	403200.000	19.132
17.098	43.096	34088.691
40148.039	25.792	27.301
29.335	1.018	
11/14/2016 2:15:00 PM	404100.000	19.137
17.096	43.108	34115.785
40181.777	25.816	27.324
29.312	1.018	
11/14/2016 2:30:00 PM	405000.000	19.136
17.095	43.105	34077.871
40138.465	25.785	27.294
29.345	1.018	
11/14/2016 2:45:00 PM	405900.000	19.137
17.097	43.108	34126.207
40193.258	25.824	27.331
29.303	1.018	
11/14/2016 3:00:00 PM	406800.000	19.139
17.095	43.112	34105.555
40170.914	25.808	27.316
29.321	1.018	
11/14/2016 3:15:00 PM	407700.000	19.136
17.096	43.105	34092.195
40154.066	25.796	27.305
29.332	1.018	
11/14/2016 3:30:00 PM	408600.000	19.137
17.096	43.107	34126.863
40194.508	25.825	27.332
29.302	1.018	
11/14/2016 3:45:00 PM	409500.000	19.133
17.097	43.099	34119.969
40186.230	25.819	27.327
29.308	1.018	
11/14/2016 4:00:00 PM	410400.000	19.135
17.091	43.103	34127.996

40200.449	25.829	27.336	29.301	1.018	
11/14/2016 4:15:00 PM	411300.000	19.137	17.094	43.107	34132.582
40203.781	25.831	27.339	29.298	1.018	
11/14/2016 4:30:00 PM	412200.000	19.136	17.095	43.107	34113.188
40179.660	25.814	27.322	29.314	1.018	
11/14/2016 4:45:00 PM	413100.000	19.136	17.097	43.105	34138.367
40207.898	25.834	27.341	29.293	1.018	
11/14/2016 5:00:00 PM	414000.000	19.134	17.098	43.102	34145.512
40214.961	25.840	27.346	29.286	1.018	
11/14/2016 5:15:00 PM	414900.000	19.139	17.105	43.113	34145.320
40208.871	25.835	27.342	29.287	1.018	
11/14/2016 5:30:00 PM	415800.000	19.134	17.114	43.100	34147.941
40203.230	25.832	27.338	29.284	1.018	
11/14/2016 5:45:00 PM	416700.000	19.138	17.115	43.111	34167.055
40225.016	25.847	27.353	29.268	1.018	
11/14/2016 6:00:00 PM	417600.000	19.134	17.117	43.102	34151.984
40205.602	25.834	27.340	29.281	1.018	
11/14/2016 6:15:00 PM	418500.000	19.137	17.118	43.108	34142.082
40193.000	25.825	27.331	29.289	1.018	
11/14/2016 6:30:00 PM	419400.000	19.136	17.120	43.107	34120.777
40166.488	25.806	27.313	29.308	1.018	
11/14/2016 6:45:00 PM	420300.000	19.132	17.119	43.098	34137.824
40186.953	25.821	27.327	29.293	1.018	
11/14/2016 7:00:00 PM	421200.000	19.131	17.120	43.096	34096.379
40137.449	25.785	27.293	29.329	1.018	
11/14/2016 7:15:00 PM	422100.000	19.132	17.120	43.098	34070.129
40106.703	25.764	27.273	29.351	1.018	
11/14/2016 7:30:00 PM	423000.000	19.133	17.120	43.100	34077.691
40115.059	25.770	27.278			

29.345	1.018			
11/14/2016 7:45:00 PM	423900.000	19.134		
17.120	43.100	34049.488		
40081.934	25.746	27.256		
29.369	1.018			
11/14/2016 8:00:00 PM	424800.000	19.134		
17.121	43.101	34044.973		
40075.742	25.742	27.252		
29.373	1.018			
11/14/2016 8:15:00 PM	425700.000	19.130		
17.121	43.092	34003.762		
40027.164	25.707	27.218		
29.409	1.018			
11/14/2016 8:30:00 PM	426600.000	19.131		
17.121	43.096	33979.406		
39998.809	25.687	27.199		
29.430	1.018			
11/14/2016 8:45:00 PM	427500.000	19.129		
17.122	43.090	33975.438		
39993.340	25.683	27.195		
29.433	1.018			
11/14/2016 9:00:00 PM	428400.000	19.129		
17.121	43.090	33964.246		
39980.719	25.674	27.187		
29.443	1.018			
11/14/2016 9:15:00 PM	429300.000	19.128		
17.121	43.087	33941.801		
39954.461	25.655	27.169		
29.462	1.018			
11/14/2016 9:30:00 PM	430200.000	19.130		
17.121	43.093	33924.750		
39934.074	25.641	27.155		
29.477	1.018			
11/14/2016 9:45:00 PM	431100.000	19.129		
17.121	43.089	33947.699		
39961.406	25.660	27.174		
29.457	1.018			
11/14/2016 10:00:00 PM	432000.000	19.130		
17.121	43.092	33917.199		
39925.809	25.635	27.150		
29.484	1.018			
11/14/2016 10:15:00 PM	432900.000	19.129		
17.121	43.090	33926.691		
39936.676	25.643	27.157		
29.475	1.018			
11/14/2016 10:30:00 PM	433800.000	19.133		
17.122	43.098	33912.543		
39919.305	25.630	27.145		
29.488	1.018			
11/14/2016 10:45:00 PM	434700.000	19.127		
17.122	43.086	33910.793		
39917.332	25.629	27.144		
29.489	1.018			
11/14/2016 11:00:00 PM	435600.000	19.129		
17.120	43.090	33939.496		
39953.086	25.654	27.168		
29.464	1.018			

11/14/2016 11:15:00 PM	436500.000	19.128	17.120	43.087
33923.961	39934.016	25.641	27.155	29.478
1.018				
11/14/2016 11:30:00 PM	437400.000	19.130	17.119	43.092
33890.895	39896.352	25.614	27.130	29.506
1.018				
11/14/2016 11:45:00 PM	438300.000	19.123	17.118	43.077
33913.793	39923.930	25.634	27.148	29.487
1.018				
11/15/2016 12:00:00 AM	439200.000	19.125	17.119	43.082
33902.309	39909.707	25.624	27.139	29.497
1.018				
11/15/2016 12:15:00 AM	440100.000	19.125	17.117	43.081
33914.375	39925.410	25.635	27.149	29.486
1.018				
11/15/2016 12:30:00 AM	441000.000	19.127	17.115	43.086
33938.723	39956.039	25.656	27.170	29.465
1.018				
11/15/2016 12:45:00 AM	441900.000	19.127	17.116	43.086
33948.859	39967.660	25.665	27.178	29.456
1.018				
11/15/2016 1:00:00 AM	442800.000	19.124	17.117	43.078
33924.195	39937.129	25.643	27.157	29.477
1.018				
11/15/2016 1:15:00 AM	443700.000	19.123	17.113	43.077
33924.563	39941.426	25.646	27.160	29.477
1.018				
11/15/2016 1:30:00 AM	444600.000	19.124	17.113	43.079
33913.723	39928.340	25.636	27.151	29.487
1.018				
11/15/2016 1:45:00 AM	445500.000	19.125	17.111	43.080
33940.570	39962.082	25.660	27.174	29.463
1.018				
11/15/2016 2:00:00 AM	446400.000	19.124	17.114	43.079
33943.328	39962.566	25.661	27.175	29.461
1.018				
11/15/2016 2:15:00 AM	447300.000	19.119	17.111	43.067
33948.539	39971.773	25.667	27.181	29.456
1.018				
11/15/2016 2:30:00 AM	448200.000	19.122	17.110	43.074
33941.637	39963.961	25.662	27.175	29.462
1.018				
11/15/2016 2:45:00 AM	449100.000	19.124		

17.111	43.078	33964.211
39990.074	25.680	27.193
29.443	1.018	
11/15/2016 3:00:00 AM	450000.000	19.119
17.108	43.067	33966.664
39995.238	25.684	27.197
29.441	1.018	
11/15/2016 3:15:00 AM	450900.000	19.121
17.108	43.071	33966.359
39994.734	25.683	27.196
29.441	1.018	
11/15/2016 3:30:00 AM	451800.000	19.121
17.108	43.072	33971.313
40000.961	25.688	27.201
29.437	1.018	
11/15/2016 3:45:00 AM	452700.000	19.122
17.109	43.075	33978.324
40008.348	25.693	27.206
29.431	1.018	
11/15/2016 4:00:00 AM	453600.000	19.121
17.108	43.071	33960.344
39988.121	25.679	27.192
29.446	1.018	
11/15/2016 4:15:00 AM	454500.000	19.116
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29.425	1.018	
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17.107	43.071	33961.938
39990.629	25.680	27.194
29.445	1.018	
11/15/2016 4:45:00 AM	456300.000	19.115
17.105	43.058	33969.414
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29.438	1.018	
11/15/2016 5:00:00 AM	457200.000	19.120
17.108	43.069	33970.414
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29.437	1.018	
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29.414	1.018	
11/15/2016 5:30:00 AM	459000.000	19.113
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29.426	1.018	
11/15/2016 5:45:00 AM	459900.000	19.118
17.106	43.065	33987.758
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29.422	1.018	
11/15/2016 6:00:00 AM	460800.000	19.118
17.108	43.066	34008.027
40044.508	25.719	27.230
29.405	1.018	
11/15/2016 6:15:00 AM	461700.000	19.112
17.110	43.052	33994.297

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11/15/2016 6:30:00 AM	462600.000	19.113	17.112	43.053	33991.969
40021.566	25.703	27.215	29.419	1.018	
11/15/2016 6:45:00 AM	463500.000	19.115	17.113	43.059	33995.414
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11/15/2016 7:00:00 AM	464400.000	19.115	17.115	43.058	33997.008
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11/15/2016 7:15:00 AM	465300.000	19.109	17.116	43.045	33989.863
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11/15/2016 7:30:00 AM	466200.000	19.114	17.116	43.057	33975.188
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11/15/2016 7:45:00 AM	467100.000	19.112	17.116	43.051	34000.789
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11/15/2016 8:00:00 AM	468000.000	19.113	17.116	43.054	34014.012
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11/15/2016 8:15:00 AM	468900.000	19.109	17.114	43.044	34006.094
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11/15/2016 8:30:00 AM	469800.000	19.109	17.115	43.045	33997.398
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11/15/2016 8:45:00 AM	470700.000	19.111	17.114	43.049	33981.727
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11/15/2016 9:00:00 AM	471600.000	19.109	17.114	43.044	33973.254
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11/15/2016 9:15:00 AM	472500.000	19.113	17.113	43.054	34033.273
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11/15/2016 9:30:00 AM	473400.000	19.106	17.111	43.038	33965.207
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11/15/2016 9:45:00 AM	474300.000	19.109	17.111	43.046	33982.848
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11/15/2016 10:00:00 AM	475200.000	19.111	
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11/15/2016 10:45:00 AM	477900.000	19.108	
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29.418	1.018		
11/15/2016 11:00:00 AM	478800.000	19.109	
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29.389	1.018		
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40048.926	25.722	27.233	
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11/15/2016 11:45:00 AM	481500.000	19.110	
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40050.695	25.723	27.234	
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40042.098	25.717	27.229	
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29.390	1.018		
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40077.086	25.742	27.252	
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40111.273	25.766	27.276	
29.360	1.018		
11/15/2016 1:00:00 PM	486000.000	19.109	
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40087.691	25.749	27.260	
29.378	1.018		
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40101.855	25.759	27.269	
29.368	1.018		

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40127.762	25.778	27.287	29.349	1.018	
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11/15/2016 2:00:00 PM	489600.000	19.115	17.101	43.058	34073.129
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11/15/2016 2:15:00 PM	490500.000	19.112	17.097	43.051	34047.219
40100.070	25.758	27.268	29.371	1.018	
11/15/2016 2:30:00 PM	491400.000	19.111	17.100	43.050	34087.492
40144.883	25.790	27.299	29.336	1.018	
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40134.992	25.783	27.292	29.345	1.018	
11/15/2016 3:00:00 PM	493200.000	19.111	17.097	43.050	34094.680
40155.727	25.797	27.306	29.330	1.018	
11/15/2016 3:15:00 PM	494100.000	19.112	17.100	43.052	34078.484
40134.043	25.782	27.291	29.344	1.018	
11/15/2016 3:30:00 PM	495000.000	19.112	17.098	43.052	34106.094
40168.461	25.806	27.315	29.320	1.018	
11/15/2016 3:45:00 PM	495900.000	19.112	17.095	43.051	34094.496
40157.973	25.799	27.307	29.330	1.018	
11/15/2016 4:00:00 PM	496800.000	19.115	17.098	43.057	34107.609
40170.723	25.808	27.316	29.319	1.018	
11/15/2016 4:15:00 PM	497700.000	19.115	17.096	43.058	34106.844
40171.480	25.808	27.317	29.320	1.018	
11/15/2016 4:30:00 PM	498600.000	19.116	17.096	43.060	34126.004
40193.496	25.824	27.332	29.303	1.018	
11/15/2016 4:45:00 PM	499500.000	19.114	17.094	43.056	34130.762
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29.312	1.018	
11/15/2016 5:30:00 PM	502200.000	19.117
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40218.023	25.841	27.348
29.287	1.018	
11/15/2016 5:45:00 PM	503100.000	19.119
17.094	43.068	34132.359
40202.801	25.831	27.338
29.298	1.018	
11/15/2016 6:00:00 PM	504000.000	19.117
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40211.430	25.837	27.344
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11/15/2016 6:15:00 PM	504900.000	19.114
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29.296	1.018	
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40194.418	25.826	27.332
29.290	1.018	
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40199.215	25.829	27.335
29.285	1.018	
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40189.113	25.822	27.329
29.292	1.018	
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17.119	43.070	34173.492
40229.492	25.851	27.356
29.262	1.018	
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40174.359	25.812	27.319
29.302	1.018	
11/15/2016 8:15:00 PM	512100.000	19.124
17.119	43.079	34110.137
40154.602	25.798	27.305
29.317	1.018	
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17.119	43.078	34107.074

40150.996	25.795	27.303	29.319	1.018
11/15/2016 8:45:00 PM	513900.000	19.120	17.119	43.069
34104.902	40148.438	25.793	27.301	29.321
1.018	11/15/2016 9:00:00 PM	514800.000	19.119	17.119
43.068	34103.031	40146.234	25.792	27.299
29.323	1.018	11/15/2016 9:15:00 PM	515700.000	19.121
17.119	43.071	34096.457	40138.098	25.786
27.294	29.329	1.018	11/15/2016 9:30:00 PM	516600.000
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25.718	27.229	29.399	1.018	11/15/2016 9:45:00 PM
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40028.398	25.708	27.219	29.409	1.018
11/15/2016 10:00:00 PM	518400.000	19.120	17.119	43.070
34003.496	40028.906	25.708	27.220	29.409
1.018	11/15/2016 10:15:00 PM	519300.000	19.125	17.119
43.082	33983.066	40004.695	25.691	27.203
29.426	1.018	11/15/2016 10:30:00 PM	520200.000	19.126
17.120	43.083	33953.891	39969.559	25.666
27.179	29.452	1.018	11/15/2016 10:45:00 PM	521100.000
19.124	17.120	43.078	33994.082	40016.957
25.700	27.212	29.417	1.018	11/15/2016 11:00:00 PM
522000.000	19.120	17.120	43.070	33971.445
39989.988	25.681	27.193	29.436	1.018
11/15/2016 11:15:00 PM	522900.000	19.123	17.120	43.076
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1.018	11/15/2016 11:30:00 PM	523800.000	19.124	17.118
43.078	33946.285	39962.180	25.661	27.174
29.458	1.018	11/15/2016 11:45:00 PM	524700.000	19.125
17.119	43.080	33950.535	39966.637	25.664
27.177	29.455	1.018	11/16/2016 12:00:00 AM	525600.000
19.126	17.118	43.083	33936.133	39950.863
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29.432	1.018		
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39942.176	25.647	27.161	
29.474	1.018		
11/16/2016 12:45:00 AM	528300.000	19.126	
17.117	43.082	33966.063	
39986.652	25.678	27.191	
29.441	1.018		
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39974.109	25.669	27.182	
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17.114	43.078	33972.902	
39997.063	25.685	27.198	
29.435	1.018		
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39997.457	25.686	27.198	
29.436	1.018		
11/16/2016 2:00:00 AM	532800.000	19.123	
17.112	43.076	33982.242	
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29.427	1.018		
11/16/2016 2:15:00 AM	533700.000	19.121	
17.112	43.073	33960.680	
39984.805	25.677	27.190	
29.446	1.018		
11/16/2016 2:30:00 AM	534600.000	19.119	
17.112	43.067	33981.422	
40008.992	25.694	27.206	
29.428	1.018		
11/16/2016 2:45:00 AM	535500.000	19.120	
17.111	43.069	33971.570	
39998.813	25.686	27.199	
29.436	1.018		
11/16/2016 3:00:00 AM	536400.000	19.121	
17.107	43.071	33993.133	
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29.418	1.018		
11/16/2016 3:15:00 AM	537300.000	19.122	
17.108	43.075	33967.664	
39997.055	25.685	27.198	
29.440	1.018		
11/16/2016 3:30:00 AM	538200.000	19.116	
17.106	43.060	33976.996	
40009.625	25.694	27.207	
29.432	1.018		

11/16/2016 3:45:00 AM	539100.000	19.120	17.107	43.070	34037.797
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11/16/2016 4:00:00 AM	540000.000	19.119	17.105	43.068	33985.172
40020.352	25.701	27.214	29.425	1.018	
11/16/2016 4:15:00 AM	540900.000	19.115	17.107	43.058	33964.184
39993.348	25.682	27.195	29.443	1.018	
11/16/2016 4:30:00 AM	541800.000	19.121	17.107	43.073	33975.445
40007.016	25.692	27.205	29.433	1.018	
11/16/2016 4:45:00 AM	542700.000	19.121	17.103	43.071	33976.059
40011.047	25.695	27.208	29.432	1.018	
11/16/2016 5:00:00 AM	543600.000	19.118	17.106	43.065	34014.738
40053.668	25.725	27.236	29.399	1.018	
11/16/2016 5:15:00 AM	544500.000	19.117	17.101	43.062	33991.109
40030.426	25.708	27.221	29.419	1.018	
11/16/2016 5:30:00 AM	545400.000	19.119	17.102	43.067	33989.863
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11/16/2016 5:45:00 AM	546300.000	19.121	17.099	43.073	34038.617
40088.109	25.749	27.260	29.378	1.018	
11/16/2016 6:00:00 AM	547200.000	19.119	17.101	43.067	34025.055
40070.641	25.737	27.248	29.390	1.018	
11/16/2016 6:15:00 AM	548100.000	19.121	17.102	43.072	34027.355
40072.645	25.738	27.249	29.388	1.018	
11/16/2016 6:30:00 AM	549000.000	19.121	17.100	43.071	34008.949
40052.625	25.724	27.236	29.404	1.018	
11/16/2016 6:45:00 AM	549900.000	19.125	17.099	43.081	34060.828
40114.668	25.768	27.278	29.359	1.018	
11/16/2016 7:00:00 AM	550800.000	19.122	17.098	43.075	34045.152
40096.609	25.755	27.266	29.373	1.018	
11/16/2016 7:15:00 AM	551700.000	19.122			

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40090.555	25.751	27.262
29.378	1.018	
11/16/2016 7:30:00 AM	552600.000	19.121
17.097	43.073	34028.891
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29.387	1.018	
11/16/2016 7:45:00 AM	553500.000	19.124
17.096	43.079	34027.293
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29.388	1.018	
11/16/2016 8:00:00 AM	554400.000	19.119
17.096	43.067	34033.625
40085.477	25.747	27.258
29.383	1.018	
11/16/2016 8:15:00 AM	555300.000	19.126
17.094	43.084	34027.547
40079.742	25.743	27.254
29.388	1.018	
11/16/2016 8:30:00 AM	556200.000	19.122
17.096	43.074	34071.176
40129.703	25.779	27.288
29.350	1.018	
11/16/2016 8:45:00 AM	557100.000	19.126
17.093	43.082	34041.848
40097.145	25.756	27.266
29.376	1.018	
11/16/2016 9:00:00 AM	558000.000	19.123
17.094	43.077	34049.457
40105.871	25.762	27.272
29.369	1.018	
11/16/2016 9:15:00 AM	558900.000	19.124
17.094	43.078	34067.121
40126.121	25.776	27.286
29.354	1.018	
11/16/2016 9:30:00 AM	559800.000	19.124
17.092	43.079	34087.086
40151.387	25.794	27.303
29.337	1.018	
11/16/2016 9:45:00 AM	560700.000	19.127
17.092	43.086	34087.379
40152.117	25.795	27.303
29.336	1.018	
11/16/2016 10:00:00 AM	561600.000	19.124
17.093	43.078	34086.473
40150.418	25.793	27.302
29.337	1.018	
11/16/2016 10:15:00 AM	562500.000	19.125
17.091	43.080	34068.309
40130.371	25.779	27.289
29.353	1.018	
11/16/2016 10:30:00 AM	563400.000	19.129
17.089	43.091	34058.668
40120.516	25.772	27.282
29.361	1.018	
11/16/2016 10:45:00 AM	564300.000	19.129
17.089	43.090	34098.133

40167.480	25.805	27.314	29.327	1.018	
11/16/2016 11:00:00 AM	565200.000	19.129	17.089	43.090	34082.465
40149.348	25.792	27.302	29.341	1.018	
11/16/2016 11:15:00 AM	566100.000	19.131	17.089	43.094	34069.801
40134.266	25.782	27.291	29.352	1.018	
11/16/2016 11:30:00 AM	567000.000	19.128	17.090	43.088	34068.090
40131.547	25.780	27.289	29.353	1.018	
11/16/2016 11:45:00 AM	567900.000	19.131	17.090	43.096	34071.969
40135.867	25.783	27.292	29.350	1.018	
11/16/2016 12:00:00 PM	568800.000	19.130	17.089	43.092	34094.496
40163.195	25.802	27.311	29.330	1.018	
11/16/2016 12:15:00 PM	569700.000	19.130	17.090	43.092	34101.285
40170.484	25.807	27.316	29.324	1.018	
11/16/2016 12:30:00 PM	570600.000	19.135	17.089	43.104	34092.281
40160.277	25.800	27.309	29.332	1.018	
11/16/2016 12:45:00 PM	571500.000	19.134	17.088	43.101	34103.723
40175.016	25.811	27.319	29.322	1.018	
11/16/2016 1:00:00 PM	572400.000	19.134	17.090	43.101	34152.402
40230.145	25.850	27.356	29.281	1.018	
11/16/2016 1:15:00 PM	573300.000	19.136	17.094	43.107	34108.383
40174.879	25.811	27.319	29.318	1.018	
11/16/2016 1:30:00 PM	574200.000	19.136	17.091	43.105	34137.711
40212.203	25.837	27.344	29.293	1.018	
11/16/2016 1:45:00 PM	575100.000	19.137	17.092	43.107	34157.672
40235.082	25.854	27.360	29.276	1.018	
11/16/2016 2:00:00 PM	576000.000	19.136	17.093	43.105	34125.832
40196.621	25.826	27.334	29.303	1.018	
11/16/2016 2:15:00 PM	576900.000	19.138	17.092	43.110	34153.586
40230.105	25.850	27.356			

29.280	1.018			
11/16/2016 2:30:00 PM	577800.000	19.141		
17.092	43.117	34155.031		
40231.336	25.851	27.357		
29.278	1.018			
11/16/2016 2:45:00 PM	578700.000	19.138		
17.091	43.109	34153.141		
40230.070	25.850	27.356		
29.280	1.018			
11/16/2016 3:00:00 PM	579600.000	19.139		
17.093	43.113	34196.203		
40279.113	25.885	27.390		
29.243	1.019			
11/16/2016 3:15:00 PM	580500.000	19.143		
17.092	43.121	34152.020		
40227.789	25.848	27.355		
29.281	1.018			
11/16/2016 3:30:00 PM	581400.000	19.141		
17.094	43.117	34142.590		
40215.012	25.839	27.346		
29.289	1.018			
11/16/2016 3:45:00 PM	582300.000	19.140		
17.093	43.115	34142.035		
40215.707	25.840	27.347		
29.289	1.018			
11/16/2016 4:00:00 PM	583200.000	19.145		
17.092	43.126	34178.078		
40258.879	25.870	27.376		
29.259	1.019			
11/16/2016 4:15:00 PM	584100.000	19.140		
17.093	43.116	34228.355		
40316.910	25.912	27.416		
29.216	1.019			
11/16/2016 4:30:00 PM	585000.000	19.141		
17.090	43.117	34218.992		
40308.980	25.906	27.410		
29.224	1.019			
11/16/2016 4:45:00 PM	585900.000	19.145		
17.091	43.127	34176.730		
40258.563	25.870	27.376		
29.260	1.019			
11/16/2016 5:00:00 PM	586800.000	19.144		
17.091	43.124	34219.578		
40308.641	25.906	27.410		
29.223	1.019			
11/16/2016 5:15:00 PM	587700.000	19.144		
17.089	43.124	34211.016		
40300.781	25.900	27.405		
29.230	1.019			
11/16/2016 5:30:00 PM	588600.000	19.141		
17.089	43.117	34191.262		
40277.426	25.883	27.389		
29.247	1.019			
11/16/2016 5:45:00 PM	589500.000	19.141		
17.090	43.117	34205.746		
40293.219	25.895	27.399		
29.235	1.019			

11/16/2016 6:00:00 PM	590400.000	19.144	17.090	43.124	34219.602
40310.023	25.907	27.411	29.223	1.019	
11/16/2016 6:15:00 PM	591300.000	19.145	17.086	43.127	34189.363
40277.805	25.884	27.389	29.249	1.019	
11/16/2016 6:30:00 PM	592200.000	19.145	17.085	43.126	34205.457
40297.492	25.898	27.402	29.235	1.019	
11/16/2016 6:45:00 PM	593100.000	19.146	17.085	43.128	34219.781
40314.367	25.910	27.414	29.223	1.019	
11/16/2016 7:00:00 PM	594000.000	19.145	17.086	43.126	34207.105
40298.797	25.899	27.403	29.234	1.019	
11/16/2016 7:15:00 PM	594900.000	19.145	17.093	43.127	34227.320
40316.320	25.911	27.415	29.216	1.019	
11/16/2016 7:30:00 PM	595800.000	19.147	17.103	43.130	34209.609
40286.000	25.890	27.394	29.232	1.019	
11/16/2016 7:45:00 PM	596700.000	19.145	17.110	43.127	34234.961
40309.488	25.907	27.410	29.210	1.019	
11/16/2016 8:00:00 PM	597600.000	19.145	17.113	43.127	34228.750
40299.957	25.901	27.404	29.215	1.019	
11/16/2016 8:15:00 PM	598500.000	19.145	17.114	43.126	34210.512
40277.297	25.885	27.389	29.231	1.019	
11/16/2016 8:30:00 PM	599400.000	19.149	17.114	43.134	34222.965
40291.789	25.895	27.398	29.220	1.019	
11/16/2016 8:45:00 PM	600300.000	19.149	17.116	43.135	34177.188
40236.535	25.856	27.361	29.259	1.018	
11/16/2016 9:00:00 PM	601200.000	19.151	17.114	43.139	34159.477
40216.719	25.842	27.347	29.274	1.018	
11/16/2016 9:15:00 PM	602100.000	19.152	17.115	43.142	34196.980
40260.328	25.873	27.377	29.242	1.018	
11/16/2016 9:30:00 PM	603000.000	19.154			

17.114	43.146	34149.883
40205.914	25.834	27.340
29.283	1.018	
11/16/2016 9:45:00 PM	603900.000	19.152
17.114	43.143	34107.566
40155.535	25.798	27.306
29.319	1.018	
11/16/2016 10:00:00 PM	604800.000	19.155
17.115	43.148	34113.453
40162.375	25.803	27.310
29.314	1.018	
11/16/2016 10:15:00 PM	605700.000	19.155
17.114	43.148	34112.055
40161.445	25.802	27.310
29.315	1.018	
11/16/2016 10:30:00 PM	606600.000	19.152
17.114	43.143	34100.590
40148.109	25.793	27.301
29.325	1.018	
11/16/2016 10:45:00 PM	607500.000	19.152
17.113	43.141	34085.691
40131.043	25.781	27.289
29.338	1.018	
11/16/2016 11:00:00 PM	608400.000	19.157
17.112	43.154	34116.613
40168.320	25.807	27.314
29.311	1.018	
11/16/2016 11:15:00 PM	609300.000	19.152
17.112	43.143	34070.512
40114.043	25.768	27.278
29.351	1.018	
11/16/2016 11:30:00 PM	610200.000	19.153
17.112	43.144	34071.578
40115.375	25.769	27.278
29.350	1.018	
11/16/2016 11:45:00 PM	611100.000	19.158
17.113	43.156	34099.059
40147.180	25.792	27.300
29.326	1.018	

Report Date: 11/18/2016 8:36:39 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4D Pre Test_Append_2016-11-17_07-46-37-675.wsl
Create Date: 11/17/2016 7:46:37 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
11/17/2016 7:27:21 AM	Log Download - Used Battery: 35% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:15:00 AM
11/17/2016 7:47:45 AM	Log Download - Used Battery: 35% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:45:00 AM

Log Data:
Record Count: 712
Sensors: 1
1 - 392547: PCTD 300 PSIG (211m/692ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
Sensor: PCTD(G) 692ft
Elapsed Time SN#: 392547 SN#: 392547
SN#: 392547 SN#: 392547 SN#: 392547
SN#: 392547 SN#: 392547 SN#: 392547
SN#: 392547
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)

Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
11/10/2016 12:00:00 AM	7200.000	119.906	20.350
270.101	37875.063	41566.449	26.938
28.265	26.403	1.019	
11/10/2016 12:15:00 AM	8100.000	119.870	20.351
270.019	37883.246	41575.211	26.944
28.271	26.397	1.019	
11/10/2016 12:30:00 AM	9000.000	119.879	20.351
270.039	37870.219	41560.672	26.934
28.261	26.406	1.019	
11/10/2016 12:45:00 AM	9900.000	119.852	20.350
269.979	37880.109	41572.148	26.942
28.269	26.399	1.019	
11/10/2016 1:00:00 AM	10800.000	119.847	20.351
269.968	37877.418	41568.203	26.939
28.266	26.401	1.019	
11/10/2016 1:15:00 AM	11700.000	119.829	20.353
269.926	37858.230	41545.996	26.923
28.251	26.414	1.019	
11/10/2016 1:30:00 AM	12600.000	119.834	20.352
269.937	37862.313	41550.934	26.927
28.255	26.411	1.019	
11/10/2016 1:45:00 AM	13500.000	119.844	20.350
269.961	37852.734	41542.563	26.921
28.249	26.418	1.019	
11/10/2016 2:00:00 AM	14400.000	119.843	20.347
269.957	37872.051	41565.734	26.937
28.265	26.405	1.019	
11/10/2016 2:15:00 AM	15300.000	119.870	20.349
270.018	37875.145	41567.922	26.939
28.266	26.403	1.019	
11/10/2016 2:30:00 AM	16200.000	119.876	20.350
270.032	37864.297	41555.172	26.930
28.258	26.410	1.019	
11/10/2016 2:45:00 AM	17100.000	119.857	20.349
269.989	37889.004	41582.820	26.950
28.276	26.393	1.019	
11/10/2016 3:00:00 AM	18000.000	119.890	20.350
270.065	37865.832	41556.633	26.931
28.259			

26.409	1.019		
11/10/2016 3:15:00 AM	18900.000	119.895	
20.346	270.075	37860.559	
41554.500	26.929	28.257	
26.413	1.019		
11/10/2016 3:30:00 AM	19800.000	119.906	
20.348	270.100	37861.027	
41553.258	26.928	28.256	
26.412	1.019		
11/10/2016 3:45:00 AM	20700.000	119.933	
20.345	270.161	37867.074	
41562.188	26.935	28.262	
26.408	1.019		
11/10/2016 4:00:00 AM	21600.000	119.951	
20.346	270.200	37819.180	
41508.852	26.896	28.226	
26.442	1.019		
11/10/2016 4:15:00 AM	22500.000	119.959	
20.344	270.220	37858.766	
41554.133	26.929	28.257	
26.414	1.019		
11/10/2016 4:30:00 AM	23400.000	119.995	
20.342	270.301	37897.930	
41598.641	26.961	28.287	
26.387	1.019		
11/10/2016 4:45:00 AM	24300.000	120.021	
20.343	270.360	37865.855	
41562.977	26.935	28.263	
26.409	1.019		
11/10/2016 5:00:00 AM	25200.000	120.028	
20.343	270.375	37838.813	
41533.453	26.914	28.243	
26.428	1.019		
11/10/2016 5:15:00 AM	26100.000	120.082	
20.348	270.496	37886.168	
41581.156	26.948	28.275	
26.395	1.019		
11/10/2016 5:30:00 AM	27000.000	120.075	
20.346	270.482	37896.301	
41593.270	26.957	28.283	
26.388	1.019		
11/10/2016 5:45:00 AM	27900.000	120.088	
20.349	270.510	37859.172	
41550.008	26.926	28.254	
26.414	1.019		
11/10/2016 6:00:00 AM	28800.000	120.118	
20.350	270.577	37862.742	
41553.168	26.928	28.256	
26.411	1.019		
11/10/2016 6:15:00 AM	29700.000	120.130	
20.351	270.604	37862.273	
41552.266	26.928	28.256	
26.412	1.019		
11/10/2016 6:30:00 AM	30600.000	120.148	
20.354	270.644	37883.141	
41572.188	26.942	28.269	
26.397	1.019		

11/10/2016 6:45:00 AM	31500.000	120.166	20.348	270.685	37860.281
41551.980	26.927	28.255	26.413	1.019	
11/10/2016 7:00:00 AM	32400.000	120.163	20.347	270.680	37883.055
41578.270	26.946	28.273	26.397	1.019	
11/10/2016 7:15:00 AM	33300.000	120.193	20.343	270.746	37864.871
41561.438	26.934	28.262	26.410	1.019	
11/10/2016 7:30:00 AM	34200.000	120.200	20.345	270.763	37882.430
41579.113	26.947	28.274	26.397	1.019	
11/10/2016 7:45:00 AM	35100.000	120.231	20.347	270.833	37893.141
41588.953	26.954	28.280	26.390	1.019	
11/10/2016 8:00:00 AM	36000.000	120.210	20.346	270.784	37848.277
41541.320	26.920	28.248	26.421	1.019	
11/10/2016 8:15:00 AM	36900.000	120.204	20.342	270.770	37874.133
41573.063	26.942	28.270	26.403	1.019	
11/10/2016 8:30:00 AM	37800.000	120.212	20.342	270.790	37891.660
41592.145	26.956	28.283	26.391	1.019	
11/10/2016 8:45:00 AM	38700.000	120.197	20.343	270.756	37853.563
41548.953	26.925	28.253	26.418	1.019	
11/10/2016 9:00:00 AM	39600.000	120.202	20.349	270.767	37842.395
41532.051	26.913	28.242	26.425	1.019	
11/10/2016 9:15:00 AM	40500.000	120.195	20.346	270.752	37905.770
41604.273	26.965	28.291	26.381	1.019	
11/10/2016 9:30:00 AM	41400.000	120.188	20.346	270.735	37854.473
41547.512	26.924	28.252	26.417	1.019	
11/10/2016 9:45:00 AM	42300.000	120.171	20.345	270.696	37888.613
41586.047	26.952	28.279	26.393	1.019	
11/10/2016 10:00:00 AM	43200.000	120.155	20.345	270.661	37864.176
41559.465	26.933	28.260	26.410	1.019	
11/10/2016 10:15:00 AM	44100.000	120.167			

20.345	270.688	37871.824	41567.703	26.939
28.266	26.405	1.019		
11/10/2016 10:30:00 AM	45000.000	120.128	20.344	270.601
37857.652	41552.766	26.928	28.256	26.415
1.019				
11/10/2016 10:45:00 AM	45900.000	120.118	20.347	270.577
37863.609	41556.930	26.931	28.259	26.411
1.019				
11/10/2016 11:00:00 AM	46800.000	120.089	20.352	270.512
37871.500	41561.016	26.934	28.261	26.405
1.019				
11/10/2016 11:15:00 AM	47700.000	120.069	20.347	270.468
37876.578	41571.164	26.941	28.268	26.402
1.019				
11/10/2016 11:30:00 AM	48600.000	120.059	20.349	270.444
37860.063	41551.215	26.927	28.255	26.413
1.019				
11/10/2016 11:45:00 AM	49500.000	120.045	20.351	270.414
37864.906	41555.082	26.930	28.257	26.410
1.019				
11/10/2016 12:00:00 PM	50400.000	120.024	20.347	270.366
37829.184	41519.453	26.904	28.233	26.435
1.019				
11/10/2016 12:15:00 PM	51300.000	120.018	20.346	270.352
37881.273	41576.777	26.945	28.272	26.398
1.019				
11/10/2016 12:30:00 PM	52200.000	120.003	20.349	270.319
37870.156	41562.664	26.935	28.263	26.406
1.019				
11/10/2016 12:45:00 PM	53100.000	119.993	20.349	270.296
37851.785	41542.203	26.920	28.249	26.419
1.019				
11/10/2016 1:00:00 PM	54000.000	119.969	20.345	270.243
37882.211	41578.723	26.946	28.274	26.398
1.019				
11/10/2016 1:15:00 PM	54900.000	119.956	20.346	270.213
37866.973	41561.383	26.934	28.262	26.408
1.019				
11/10/2016 1:30:00 PM	55800.000	119.951	20.348	270.202
37864.590	41557.016	26.931	28.259	26.410
1.019				
11/10/2016 1:45:00 PM	56700.000	119.963	20.351	270.228
37867.496				

41557.469 26.931 28.259
26.408 1.019
11/10/2016 2:00:00 PM 57600.000 119.939
20.351 270.175 37914.313
41608.605 26.968 28.294
26.375 1.019
11/10/2016 2:15:00 PM 58500.000 119.924
20.350 270.141 37862.691
41552.871 26.928 28.256
26.411 1.019
11/10/2016 2:30:00 PM 59400.000 119.933
20.346 270.161 37878.910
41574.488 26.943 28.271
26.400 1.019
11/10/2016 2:45:00 PM 60300.000 119.957
20.349 270.214 37873.344
41565.633 26.937 28.265
26.404 1.019
11/10/2016 3:00:00 PM 61200.000 119.931
20.347 270.157 37881.500
41576.266 26.945 28.272
26.398 1.019
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26.396 1.019
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20.350 270.204 37865.023
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20.343 270.246 37869.121
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26.407 1.019
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20.345 270.273 37859.930
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26.413 1.019
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20.348 270.345 37845.969
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26.423 1.019
11/10/2016 4:45:00 PM 67500.000 120.000
20.346 270.312 37859.227
41553.117 26.928 28.256
26.414 1.019
11/10/2016 5:00:00 PM 68400.000 120.042
20.348 270.405 37898.004
41594.000 26.958 28.284
26.387 1.019
11/10/2016 5:15:00 PM 69300.000 120.028
20.347 270.375 37863.574
41557.043 26.931 28.259

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41523.031	26.907	28.236	
26.430	1.019		
11/10/2016 5:45:00 PM	71100.000	120.062	
20.349	270.452	37897.188	
41591.656	26.956	28.282	
26.387	1.019		
11/10/2016 6:00:00 PM	72000.000	120.095	
20.349	270.525	37874.262	
41566.566	26.938	28.265	
26.403	1.019		
11/10/2016 6:15:00 PM	72900.000	120.090	
20.348	270.515	37851.121	
41542.234	26.920	28.249	
26.419	1.019		
11/10/2016 6:30:00 PM	73800.000	120.098	
20.343	270.533	37872.594	
41569.840	26.940	28.267	
26.404	1.019		
11/10/2016 6:45:00 PM	74700.000	120.116	
20.343	270.573	37886.191	
41584.766	26.951	28.278	
26.395	1.019		
11/10/2016 7:00:00 PM	75600.000	120.118	
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41577.191	26.946	28.272	
26.397	1.019		
11/10/2016 7:15:00 PM	76500.000	120.128	
20.347	270.601	37877.711	
41572.188	26.942	28.269	
26.401	1.019		
11/10/2016 7:30:00 PM	77400.000	120.130	
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41584.531	26.951	28.277	
26.392	1.019		
11/10/2016 7:45:00 PM	78300.000	120.136	
20.353	270.619	37845.551	
41531.398	26.913	28.241	
26.423	1.019		
11/10/2016 8:00:00 PM	79200.000	120.127	
20.352	270.599	37872.172	
41561.520	26.934	28.262	
26.405	1.019		
11/10/2016 8:15:00 PM	80100.000	120.131	
20.351	270.607	37887.242	
41579.441	26.947	28.274	
26.394	1.019		
11/10/2016 8:30:00 PM	81000.000	120.119	
20.346	270.581	37870.508	
41565.113	26.937	28.264	
26.406	1.019		
11/10/2016 8:45:00 PM	81900.000	120.127	
20.346	270.599	37855.180	
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26.416	1.019		

11/10/2016 9:00:00 PM	82800.000	120.123	20.350	270.588
37878.500	41570.383	26.941	28.268	26.400
1.019				
11/10/2016 9:15:00 PM	83700.000	120.125	20.352	270.593
37881.773	41572.602	26.942	28.269	26.398
1.019				
11/10/2016 9:30:00 PM	84600.000	120.090	20.349	270.515
37890.207	41584.371	26.951	28.277	26.392
1.019				
11/10/2016 9:45:00 PM	85500.000	120.073	20.351	270.477
37836.680	41523.648	26.907	28.236	26.429
1.019				
11/10/2016 10:00:00 PM	86400.000	120.059	20.352	270.444
37868.219	41557.949	26.932	28.259	26.407
1.019				
11/10/2016 10:15:00 PM	87300.000	120.043	20.353	270.408
37895.781	41587.359	26.953	28.279	26.388
1.019				
11/10/2016 10:30:00 PM	88200.000	120.027	20.352	270.372
37879.289	41569.492	26.940	28.267	26.400
1.019				
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37891.836	41582.875	26.950	28.276	26.391
1.019				
11/10/2016 11:00:00 PM	90000.000	119.976	20.351	270.258
37896.551	41589.730	26.955	28.281	26.388
1.019				
11/10/2016 11:15:00 PM	90900.000	119.958	20.353	270.217
37864.316	41552.672	26.928	28.256	26.410
1.019				
11/10/2016 11:30:00 PM	91800.000	119.936	20.355	270.167
37892.109	41581.500	26.949	28.275	26.391
1.019				
11/10/2016 11:45:00 PM	92700.000	119.918	20.353	270.127
37854.801	41541.848	26.920	28.248	26.417
1.019				
11/11/2016 12:00:00 AM	93600.000	119.906	20.350	270.100
37845.855	41534.934	26.915	28.244	26.423
1.019				
11/11/2016 12:15:00 AM	94500.000	119.880	20.350	270.042
37880.828	41573.016	26.943	28.270	26.399
1.019				
11/11/2016 12:30:00 AM	95400.000	119.881		

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26.404	1.019	
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26.411	1.019	
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26.384	1.019	
11/11/2016 1:15:00 AM	98100.000	119.851
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26.384	1.019	
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26.407	1.019	
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26.394	1.019	
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20.353	269.889	37849.125
41535.859	26.916	28.244
26.421	1.019	
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20.355	269.872	37878.074
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26.400	1.019	
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20.356	269.885	37888.605
41576.664	26.945	28.272
26.393	1.019	
11/11/2016 2:45:00 AM	103500.000	119.839
20.353	269.950	37909.395
41602.215	26.964	28.290
26.379	1.019	
11/11/2016 3:00:00 AM	104400.000	119.829
20.351	269.926	37860.727
41550.418	26.926	28.254
26.413	1.019	
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20.351	269.923	37879.676
41571.141	26.941	28.268
26.399	1.019	
11/11/2016 3:30:00 AM	106200.000	119.847
20.350	269.968	37876.203
41568.238	26.939	28.266
26.402	1.019	
11/11/2016 3:45:00 AM	107100.000	119.865
20.352	270.007	37882.594
41572.957	26.943	28.270
26.397	1.019	
11/11/2016 4:00:00 AM	108000.000	119.887
20.349	270.057	37892.613

41587.238	26.953	28.279	26.390	1.019	
11/11/2016 4:15:00 AM	108900.000	119.906	20.347	270.100	37882.148
41577.059	26.945	28.272	26.398	1.019	
11/11/2016 4:30:00 AM	109800.000	119.919	20.349	270.129	37863.906
41555.277	26.930	28.258	26.410	1.019	
11/11/2016 4:45:00 AM	110700.000	119.940	20.349	270.177	37880.188
41572.918	26.942	28.270	26.399	1.019	
11/11/2016 5:00:00 AM	111600.000	119.963	20.352	270.228	37853.195
41541.164	26.920	28.248	26.418	1.019	
11/11/2016 5:15:00 AM	112500.000	119.991	20.353	270.292	37893.969
41585.289	26.951	28.278	26.389	1.019	
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41560.215	26.933	28.261	26.407	1.019	
11/11/2016 5:45:00 AM	114300.000	120.036	20.351	270.393	37869.875
41559.840	26.933	28.261	26.406	1.019	
11/11/2016 6:00:00 AM	115200.000	120.063	20.348	270.455	37858.145
41549.941	26.926	28.254	26.414	1.019	
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41601.922	26.963	28.289	26.382	1.019	
11/11/2016 6:30:00 AM	117000.000	120.116	20.347	270.573	37870.680
41564.688	26.936	28.264	26.406	1.019	
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41600.605	26.962	28.288	26.384	1.019	
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20.340	270.773	37859.809
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41583.852	26.950	28.277
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41556.273	26.930	28.258
26.413	1.019	
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20.347	270.802	37872.266
41566.129	26.937	28.265
26.405	1.019	
11/11/2016 9:00:00 AM	126000.000	120.220
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41579.539	26.947	28.274
26.394	1.019	
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26.402	1.019	
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20.349	270.740	37866.355
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26.409	1.019	
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41575.207	26.944	28.271
26.397	1.019	
11/11/2016 10:15:00 AM	130500.000	120.172
20.352	270.699	37894.215
41585.711	26.952	28.278
26.389	1.019	
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20.349	270.647	37884.816
41578.535	26.946	28.273
26.396	1.019	
11/11/2016 10:45:00 AM	132300.000	120.125
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26.394	1.019	
11/11/2016 11:00:00 AM	133200.000	120.119
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26.398	1.019	

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41548.949	26.925	28.253	
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26.407	1.019		
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26.410	1.019	
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20.349	270.050	37835.051
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26.406	1.019	
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41515.105	26.901	28.230
26.437	1.019	
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41548.172 26.925 28.253
26.412 1.019
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26.401 1.019
11/11/2016 6:45:00 PM 161100.000 119.995
20.345 270.300 37875.648
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26.403 1.019
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20.346 270.386 37867.824
41562.242 26.935 28.262
26.408 1.019
11/11/2016 7:45:00 PM 164700.000 120.063
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26.380 1.019
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26.399 1.019
11/11/2016 8:15:00 PM 166500.000 120.078
20.347 270.488 37871.258
41565.105 26.937 28.264
26.405 1.019
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26.408 1.019
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20.351 270.512 37877.832
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26.401 1.019
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26.424 1.019
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26.417 1.019
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20.350 270.508 37874.773
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26.403 1.019
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41543.547 26.921 28.250

26.417	1.019	
11/11/2016 10:00:00 PM	172800.000	120.073
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26.403	1.019	
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26.414	1.019	
11/11/2016 10:30:00 PM	174600.000	120.042
20.356	270.406	37877.121
41563.836	26.936	28.263
26.401	1.019	
11/11/2016 10:45:00 PM	175500.000	120.044
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41545.367	26.923	28.251
26.415	1.019	
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41543.703	26.921	28.250
26.418	1.019	
11/11/2016 11:15:00 PM	177300.000	119.996
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41555.492	26.930	28.258
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26.396	1.019	
11/11/2016 11:45:00 PM	179100.000	119.964
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41553.383	26.928	28.256
26.411	1.019	
11/12/2016 12:00:00 AM	180000.000	119.957
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26.411	1.019	
11/12/2016 12:15:00 AM	180900.000	119.936
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41534.324	26.915	28.243
26.424	1.019	
11/12/2016 12:30:00 AM	181800.000	119.904
20.353	270.096	37855.426
41543.070	26.921	28.249
26.416	1.019	
11/12/2016 12:45:00 AM	182700.000	119.892
20.350	270.067	37844.043
41532.719	26.914	28.242
26.424	1.019	
11/12/2016 1:00:00 AM	183600.000	119.877
20.351	270.035	37874.762
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26.403	1.019	
11/12/2016 1:15:00 AM	184500.000	119.865
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26.413	1.019	

11/12/2016 1:30:00 AM	185400.000	119.851	20.350	269.977	37872.344	41563.625
26.936	28.263	26.404	1.019			
11/12/2016 1:45:00 AM	186300.000	119.837	20.351	269.945	37842.273	41529.707
26.911	28.240	26.425	1.019			
11/12/2016 2:00:00 AM	187200.000	119.837	20.353	269.945	37865.961	41554.254
26.929	28.257	26.409	1.019			
11/12/2016 2:15:00 AM	188100.000	119.812	20.355	269.889	37847.016	41531.703
26.913	28.242	26.422	1.019			
11/12/2016 2:30:00 AM	189000.000	119.812	20.353	269.887	37882.074	41571.777
26.942	28.269	26.398	1.019			
11/12/2016 2:45:00 AM	189900.000	119.816	20.350	269.897	37899.523	41593.453
26.957	28.284	26.386	1.019			
11/12/2016 3:00:00 AM	190800.000	119.812	20.351	269.889	37861.922	41551.566
26.927	28.255	26.412	1.019			
11/12/2016 3:15:00 AM	191700.000	119.817	20.346	269.899	37880.559	41576.750
26.945	28.272	26.399	1.019			
11/12/2016 3:30:00 AM	192600.000	119.820	20.351	269.907	37840.090	41527.695
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11/12/2016 3:45:00 AM	193500.000	119.836	20.349	269.943	37848.578	41538.984
26.918	28.247	26.421	1.019			
11/12/2016 4:00:00 AM	194400.000	119.847	20.351	269.968	37871.867	41562.570
26.935	28.263	26.405	1.019			
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11/12/2016 4:30:00 AM	196200.000	119.905	20.350	270.098	37854.008	41544.113
26.922	28.250	26.417	1.019			
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26.396	1.019	
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26.400	1.019	
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26.416	1.019	
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26.405	1.019	
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20.353	270.414	37913.094
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26.376	1.019	
11/12/2016 6:30:00 AM	203400.000	120.069
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26.414	1.019	
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26.402	1.019	
11/12/2016 7:00:00 AM	205200.000	120.112
20.351	270.563	37872.285
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26.405	1.019	
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20.348	270.619	37872.141
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26.405	1.019	
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26.404	1.019	
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26.414	1.019	
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26.408	1.019	
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26.414	1.019		
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11/12/2016 9:00:00 AM	212400.000	120.238	
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41554.527	26.929	28.257	
26.407	1.019		
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26.400	1.019		
11/12/2016 9:45:00 AM	215100.000	120.223	
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11/12/2016 10:00:00 AM	216000.000	120.226	
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26.401	1.019	
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26.421	1.019	
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37861.512	41547.465	26.924	28.252	26.412
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1.019				
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37853.000	41538.887	26.918	28.246	26.418
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1.019				
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28.280	26.388	1.019	
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28.251	26.415	1.019	
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270.283	37853.668	41540.531	26.919
28.248	26.418	1.019	
11/13/2016 12:15:00 AM	267300.000	119.973	20.356
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270.184	37876.613	41563.730	26.936
28.263	26.402	1.019	
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28.266	26.399	1.019	
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28.263	26.404	1.019	
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28.256	26.409	1.019	
11/13/2016 1:30:00 AM	271800.000	119.877	20.353
270.035	37848.398	41534.523	26.915
28.243	26.421	1.019	
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269.997	37866.938	41552.887	26.928
28.256	26.408	1.019	
11/13/2016 2:00:00 AM	273600.000	119.851	20.356
269.977	37852.789	41537.508	26.917
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269.938	37837.086	41521.191	26.905
28.234			

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26.408	1.019	
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26.416	1.019	
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26.396	1.019	
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20.351	270.013	37861.723
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26.412	1.019	
11/13/2016 5:15:00 AM	285300.000	119.905
20.348	270.098	37847.016
41537.508	26.917	28.246
26.422	1.019	
11/13/2016 5:30:00 AM	286200.000	119.906
20.347	270.100	37825.035
41514.445	26.900	28.230
26.438	1.019	
11/13/2016 5:45:00 AM	287100.000	119.928
20.348	270.150	37872.371
41565.336	26.937	28.264
26.404	1.019	

11/13/2016 6:00:00 AM	288000.000	119.952	20.349	270.204
37880.949	41574.438	26.944	28.271	26.398
1.019				
11/13/2016 6:15:00 AM	288900.000	119.975	20.354	270.254
37857.910	41544.652	26.922	28.250	26.415
1.019				
11/13/2016 6:30:00 AM	289800.000	120.005	20.350	270.322
37850.695	41540.477	26.919	28.248	26.420
1.019				
11/13/2016 6:45:00 AM	290700.000	120.038	20.346	270.396
37871.441	41566.742	26.938	28.265	26.405
1.019				
11/13/2016 7:00:00 AM	291600.000	120.053	20.349	270.431
37863.668	41555.094	26.930	28.257	26.411
1.019				
11/13/2016 7:15:00 AM	292500.000	120.086	20.349	270.506
37895.000	41590.004	26.955	28.281	26.389
1.019				
11/13/2016 7:30:00 AM	293400.000	120.122	20.345	270.586
37873.727	41569.637	26.940	28.267	26.404
1.019				
11/13/2016 7:45:00 AM	294300.000	120.136	20.346	270.619
37865.555	41559.750	26.933	28.261	26.409
1.019				
11/13/2016 8:00:00 AM	295200.000	120.163	20.347	270.680
37868.984	41562.828	26.935	28.263	26.407
1.019				
11/13/2016 8:15:00 AM	296100.000	120.183	20.345	270.724
37871.945	41568.141	26.939	28.266	26.405
1.019				
11/13/2016 8:30:00 AM	297000.000	120.204	20.343	270.770
37842.668	41537.766	26.917	28.246	26.425
1.019				
11/13/2016 8:45:00 AM	297900.000	120.212	20.343	270.790
37851.523	41547.172	26.924	28.252	26.419
1.019				
11/13/2016 9:00:00 AM	298800.000	120.245	20.344	270.864
37872.070	41568.738	26.939	28.267	26.405
1.019				
11/13/2016 9:15:00 AM	299700.000	120.242	20.350	270.858
37877.777	41569.508	26.940	28.267	26.401
1.019				
11/13/2016 9:30:00 AM	300600.000	120.252		

20.348	270.878	37859.723
41552.059	26.927	28.255
26.413	1.019	
11/13/2016 9:45:00 AM	301500.000	120.265
20.345	270.909	37853.957
41547.793	26.924	28.253
26.417	1.019	
11/13/2016 10:00:00 AM	302400.000	120.253
20.348	270.881	37893.887
41589.625	26.954	28.281
26.389	1.019	
11/13/2016 10:15:00 AM	303300.000	120.263
20.346	270.904	37869.336
41563.754	26.936	28.263
26.407	1.019	
11/13/2016 10:30:00 AM	304200.000	120.255
20.346	270.886	37865.027
41559.098	26.932	28.260
26.410	1.019	
11/13/2016 10:45:00 AM	305100.000	120.235
20.344	270.842	37855.223
41550.699	26.926	28.254
26.416	1.019	
11/13/2016 11:00:00 AM	306000.000	120.231
20.343	270.833	37862.539
41559.578	26.933	28.261
26.411	1.019	
11/13/2016 11:15:00 AM	306900.000	120.209
20.343	270.782	37870.082
41567.086	26.938	28.266
26.406	1.019	
11/13/2016 11:30:00 AM	307800.000	120.199
20.345	270.760	37848.629
41541.785	26.920	28.248
26.421	1.019	
11/13/2016 11:45:00 AM	308700.000	120.176
20.347	270.708	37873.738
41568.352	26.939	28.266
26.404	1.019	
11/13/2016 12:00:00 PM	309600.000	120.142
20.351	270.631	37874.504
41565.160	26.937	28.264
26.403	1.019	
11/13/2016 12:15:00 PM	310500.000	120.116
20.351	270.573	37870.184
41560.723	26.934	28.261
26.406	1.019	
11/13/2016 12:30:00 PM	311400.000	120.091
20.351	270.517	37875.242
41566.043	26.938	28.265
26.402	1.019	
11/13/2016 12:45:00 PM	312300.000	120.053
20.346	270.431	37901.730
41599.383	26.961	28.288
26.384	1.019	
11/13/2016 1:00:00 PM	313200.000	120.016
20.346	270.347	37896.133

41593.770	26.957	28.284	26.388	1.019
11/13/2016 1:15:00 PM	314100.000	119.987	20.348	270.283
37860.793	41552.703	26.928	28.256	26.413
1.019	11/13/2016 1:30:00 PM	315000.000	119.963	20.348
270.228	37861.816	41553.824	26.929	28.257
26.412	1.019	11/13/2016 1:45:00 PM	315900.000	119.922
20.344	270.136	37871.227	41567.578	26.938
28.266	26.405	1.019	11/13/2016 2:00:00 PM	316800.000
119.886	20.343	270.056	37848.816	41543.816
26.921	28.250	26.421	1.019	11/13/2016 2:15:00 PM
317700.000	119.856	20.343	269.987	37827.074
41519.953	26.904	28.234	26.436	1.019
11/13/2016 2:30:00 PM	318600.000	119.822	20.345	269.910
37863.457	41558.750	26.932	28.260	26.411
1.019	11/13/2016 2:45:00 PM	319500.000	119.795	20.349
269.851	37848.781	41539.059	26.918	28.247
26.421	1.019	11/13/2016 3:00:00 PM	320400.000	119.755
20.352	269.760	37864.336	41552.922	26.928
28.256	26.410	1.019	11/13/2016 3:15:00 PM	321300.000
119.739	20.351	269.725	37864.336	41554.145
26.929	28.257	26.410	1.019	11/13/2016 3:30:00 PM
322200.000	119.718	20.351	269.676	37863.637
41553.152	26.928	28.256	26.411	1.019
11/13/2016 3:45:00 PM	323100.000	119.711	20.354	269.660
37856.074	41542.566	26.921	28.249	26.416
1.019	11/13/2016 4:00:00 PM	324000.000	119.686	20.353
269.605	37863.664	41551.652	26.927	28.255
26.411	1.019	11/13/2016 4:15:00 PM	324900.000	119.688
20.351	269.609	37854.922	41543.586	26.921
28.250	26.417	1.019	11/13/2016 4:30:00 PM	325800.000
119.660	20.354	269.546	37852.016	41538.035
26.918	28.246

26.419	1.019	
11/13/2016 4:45:00 PM	326700.000	119.666
20.358	269.559	37882.688
41568.566	26.940	28.267
26.397	1.019	
11/13/2016 5:00:00 PM	327600.000	119.651
20.355	269.525	37853.016
41538.453	26.918	28.246
26.418	1.019	
11/13/2016 5:15:00 PM	328500.000	119.662
20.351	269.550	37862.254
41551.633	26.927	28.255
26.412	1.019	
11/13/2016 5:30:00 PM	329400.000	119.659
20.349	269.544	37843.242
41533.055	26.914	28.242
26.425	1.019	
11/13/2016 5:45:00 PM	330300.000	119.664
20.350	269.554	37818.930
41505.383	26.894	28.224
26.442	1.019	
11/13/2016 6:00:00 PM	331200.000	119.678
20.350	269.586	37827.461
41514.824	26.901	28.230
26.436	1.019	
11/13/2016 6:15:00 PM	332100.000	119.694
20.352	269.623	37847.891
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26.422	1.019	
11/13/2016 6:30:00 PM	333000.000	119.707
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41546.793	26.924	28.252
26.414	1.019	
11/13/2016 6:45:00 PM	333900.000	119.725
20.352	269.692	37846.730
41533.602	26.914	28.243
26.422	1.019	
11/13/2016 7:00:00 PM	334800.000	119.739
20.346	269.725	37825.406
41515.684	26.901	28.231
26.437	1.019	
11/13/2016 7:15:00 PM	335700.000	119.797
20.344	269.856	37858.371
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26.414	1.019	
11/13/2016 7:30:00 PM	336600.000	119.806
20.346	269.875	37840.664
41532.133	26.913	28.242
26.427	1.019	
11/13/2016 7:45:00 PM	337500.000	119.816
20.348	269.897	37836.098
41526.203	26.909	28.238
26.430	1.019	
11/13/2016 8:00:00 PM	338400.000	119.846
20.346	269.966	37871.758
41566.484	26.938	28.265
26.405	1.019	

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37891.660	41586.121	26.952	28.279	26.391
1.019				
11/13/2016 8:30:00 PM	340200.000	119.903	20.351	270.094
37864.348	41554.230	26.929	28.257	26.410
1.019				
11/13/2016 8:45:00 PM	341100.000	119.917	20.347	270.124
37877.098	41571.660	26.941	28.269	26.401
1.019				
11/13/2016 9:00:00 PM	342000.000	119.940	20.342	270.177
37878.766	41577.605	26.946	28.273	26.400
1.019				
11/13/2016 9:15:00 PM	342900.000	119.965	20.342	270.233
37875.504	41573.953	26.943	28.270	26.402
1.019				
11/13/2016 9:30:00 PM	343800.000	119.980	20.341	270.266
37868.398	41567.758	26.938	28.266	26.407
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37877.750	41571.988	26.942	28.269	26.401
1.019				
11/13/2016 10:00:00 PM	345600.000	120.014	20.343	270.344
37837.012	41531.477	26.912	28.241	26.429
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37884.512	41584.148	26.950	28.277	26.396
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37861.387	41558.230	26.932	28.260	26.412
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37829.004	41522.457	26.906	28.235	26.435
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37863.352	41559.625	26.933	28.261	26.411
1.019				
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37876.637	41574.813	26.944	28.271	26.401
1.019				
11/13/2016 11:30:00 PM	351000.000	120.039	20.348	270.400
37863.215	41555.285	26.930	28.258	26.411
1.019				
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11/14/2016 12:00:00 AM	352800.000	120.032
20.346	270.383	37861.070
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26.412	1.019	
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20.351	270.375	37843.293
41531.125	26.912	28.241
26.425	1.019	
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20.355	270.336	37871.559
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20.355	270.329	37884.023
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26.415	1.019	
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41573.223	26.943	28.270
26.397	1.019	
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20.353	270.180	37872.543
41561.855	26.935	28.262
26.404	1.019	
11/14/2016 2:00:00 AM	360000.000	119.931
20.352	270.157	37850.527
41538.313	26.918	28.246
26.420	1.019	
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41544.883	26.922	28.251
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20.353	270.044	37873.945
41563.016	26.935	28.263
26.403	1.019	
11/14/2016 3:15:00 AM	364500.000	119.878
20.354	270.037	37869.238

41557.012	26.931	28.259	26.407	1.019	
11/14/2016 3:30:00 AM	365400.000	119.877	20.355	270.035	37900.367
41589.797	26.955	28.281	26.385	1.019	
11/14/2016 3:45:00 AM	366300.000	119.892	20.355	270.069	37854.047
41539.656	26.919	28.247	26.417	1.019	
11/14/2016 4:00:00 AM	367200.000	119.873	20.352	270.027	37854.488
41542.879	26.921	28.249	26.417	1.019	
11/14/2016 4:15:00 AM	368100.000	119.870	20.352	270.019	37868.887
41558.297	26.932	28.260	26.407	1.019	
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41539.574	26.919	28.247	26.418	1.019	
11/14/2016 4:45:00 AM	369900.000	119.878	20.353	270.037	37888.816
41579.031	26.947	28.274	26.393	1.019	
11/14/2016 5:00:00 AM	370800.000	119.889	20.351	270.062	37871.391
41561.504	26.934	28.262	26.405	1.019	
11/14/2016 5:15:00 AM	371700.000	119.905	20.352	270.099	37849.766
41537.164	26.917	28.245	26.420	1.019	
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41550.484	26.926	28.254	26.412	1.019	
11/14/2016 5:45:00 AM	373500.000	119.924	20.352	270.141	37846.836
41534.336	26.915	28.243	26.422	1.019	
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41560.184	26.933	28.261	26.406	1.019	
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41541.875	26.920	28.248	26.417	1.019	
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41536.438	26.916	28.245	26.423	1.019	
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41537.566	26.917	28.246			

26.423	1.019	
11/14/2016 7:00:00 AM	378000.000	120.047
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26.420	1.019	
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26.426	1.019	
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26.413	1.019	
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20.356	270.611	37863.027
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11/14/2016 8:00:00 AM	381600.000	120.169
20.355	270.693	37871.211
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26.405	1.019	
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26.421	1.019	
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20.350	270.924	37874.270
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26.407	1.019	
11/14/2016 9:15:00 AM	386100.000	120.296
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20.339	271.021	37863.996
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26.410	1.019	
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26.404	1.019	
11/14/2016 10:00:00 AM	388800.000	120.342
20.349	271.082	37868.703
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26.407	1.019	
11/14/2016 10:15:00 AM	389700.000	120.360
20.353	271.122	37866.980
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41563.039	26.935	28.263	26.408	1.019	
11/14/2016 10:45:00 AM	391500.000	120.353	20.342	271.106	37904.117
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11/14/2016 11:00:00 AM	392400.000	120.346	20.345	271.092	37868.805
41564.617	26.936	28.264	26.407	1.019	
11/14/2016 11:15:00 AM	393300.000	120.337	20.345	271.072	37885.516
41582.730	26.949	28.276	26.395	1.019	
11/14/2016 11:30:00 AM	394200.000	120.336	20.342	271.069	37854.520
41550.848	26.926	28.255	26.417	1.019	
11/14/2016 11:45:00 AM	395100.000	120.322	20.347	271.038	37851.883
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11/14/2016 12:00:00 PM	396000.000	120.295	20.349	270.975	37866.020
41557.449	26.931	28.259	26.409	1.019	
11/14/2016 12:15:00 PM	396900.000	120.276	20.353	270.934	37873.434
41562.148	26.935	28.262	26.404	1.019	
11/14/2016 12:30:00 PM	397800.000	120.250	20.354	270.874	37868.922
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11/14/2016 12:45:00 PM	398700.000	120.221	20.352	270.811	37879.238
41569.969	26.940	28.268	26.400	1.019	
11/14/2016 1:00:00 PM	399600.000	120.195	20.348	270.752	37839.523
41529.961	26.911	28.240	26.427	1.019	
11/14/2016 1:15:00 PM	400500.000	120.152	20.349	270.655	37843.398
41533.152	26.914	28.243	26.425	1.019	
11/14/2016 1:30:00 PM	401400.000	120.152	20.352	270.655	37854.027
41542.375	26.921	28.249	26.417	1.019	
11/14/2016 1:45:00 PM	402300.000	120.110	20.354	270.559	37860.383
41547.520	26.924	28.252	26.413	1.019	
11/14/2016 2:00:00 PM	403200.000	120.052			

20.353	270.428	37875.996
41565.348	26.937	28.264
26.402	1.019	
11/14/2016 2:15:00 PM	404100.000	120.034
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26.401	1.019	
11/14/2016 2:30:00 PM	405000.000	119.976
20.355	270.258	37848.707
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11/14/2016 2:45:00 PM	405900.000	119.937
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41560.750	26.934	28.261
26.405	1.019	
11/14/2016 3:00:00 PM	406800.000	119.910
20.352	270.108	37849.996
41537.875	26.917	28.246
26.420	1.019	
11/14/2016 3:15:00 PM	407700.000	119.872
20.352	270.024	37843.906
41531.047	26.912	28.241
26.424	1.019	
11/14/2016 3:30:00 PM	408600.000	119.848
20.350	269.970	37848.035
41537.324	26.917	28.245
26.421	1.019	
11/14/2016 3:45:00 PM	409500.000	119.826
20.352	269.919	37867.883
41556.898	26.931	28.259
26.408	1.019	
11/14/2016 4:00:00 PM	410400.000	119.787
20.355	269.831	37868.023
41554.465	26.929	28.257
26.408	1.019	
11/14/2016 4:15:00 PM	411300.000	119.774
20.356	269.803	37855.020
41539.660	26.919	28.247
26.417	1.019	
11/14/2016 4:30:00 PM	412200.000	119.750
20.357	269.748	37856.664
41540.930	26.920	28.248
26.415	1.019	
11/14/2016 4:45:00 PM	413100.000	119.736
20.358	269.717	37862.586
41545.977	26.923	28.251
26.411	1.019	
11/14/2016 5:00:00 PM	414000.000	119.720
20.359	269.680	37865.141
41547.867	26.925	28.253
26.410	1.019	
11/14/2016 5:15:00 PM	414900.000	119.685
20.359	269.602	37851.105
41532.320	26.914	28.242
26.419	1.019	
11/14/2016 5:30:00 PM	415800.000	119.702
20.359	269.641	37875.629

41559.301	26.933	28.260	
26.402	1.019		
11/14/2016 5:45:00 PM	416700.000	119.695	
20.355	269.626	37818.426	
41500.039	26.890	28.220	
26.442	1.019		
11/14/2016 6:00:00 PM	417600.000	119.697	
20.355	269.630	37851.785	
41536.863	26.917	28.245	
26.419	1.019		
11/14/2016 6:15:00 PM	418500.000	119.682	
20.355	269.595	37838.207	
41522.273	26.906	28.235	
26.428	1.019		
11/14/2016 6:30:00 PM	419400.000	119.696	
20.355	269.626	37874.180	
41561.441	26.934	28.262	
26.403	1.019		
11/14/2016 6:45:00 PM	420300.000	119.710	
20.354	269.658	37837.902	
41522.852	26.907	28.236	
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11/14/2016 7:00:00 PM	421200.000	119.710	
20.353	269.657	37835.902	
41521.566	26.906	28.235	
26.430	1.019		
11/14/2016 7:15:00 PM	422100.000	119.714	
20.358	269.667	37862.125	
41545.859	26.923	28.251	
26.412	1.019		
11/14/2016 7:30:00 PM	423000.000	119.739	
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26.421	1.019		
11/14/2016 7:45:00 PM	423900.000	119.750	
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26.438	1.019		
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41506.797	26.895	28.225	
26.441	1.019		
11/14/2016 8:15:00 PM	425700.000	119.818	
20.349	269.901	37863.730	
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26.410	1.019		
11/14/2016 8:30:00 PM	426600.000	119.834	
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41553.238	26.928	28.256	
26.413	1.019		
11/14/2016 8:45:00 PM	427500.000	119.852	
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41545.617	26.923	28.251	
26.417	1.019		
11/14/2016 9:00:00 PM	428400.000	119.869	
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26.422	1.019	
11/14/2016 9:15:00 PM	429300.000	119.908
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26.405	1.019	
11/14/2016 10:00:00 PM	432000.000	119.969
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41566.625	26.938	28.265
26.401	1.019	
11/14/2016 10:15:00 PM	432900.000	119.986
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11/14/2016 11:15:00 PM	436500.000	120.043
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20.351	270.428	37844.594
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26.424	1.019	
11/14/2016 11:45:00 PM	438300.000	120.063
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26.409	1.019	
11/15/2016 12:00:00 AM	439200.000	120.069
20.356	270.466	37863.035
41548.457	26.925	28.253
26.411	1.019	
11/15/2016 12:15:00 AM	440100.000	120.066
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26.423	1.019	
11/15/2016 12:30:00 AM	441000.000	120.054
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26.411	1.019	

11/15/2016 12:45:00 AM	441900.000	120.052	20.350	270.428	37850.590
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11/15/2016 1:00:00 AM	442800.000	120.051	20.346	270.427	37842.309
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11/15/2016 1:15:00 AM	443700.000	120.043	20.343	270.408	37816.461
41508.840	26.896	28.226	26.444	1.019	
11/15/2016 1:30:00 AM	444600.000	120.044	20.343	270.411	37837.301
41531.176	26.912	28.241	26.429	1.019	
11/15/2016 1:45:00 AM	445500.000	120.026	20.345	270.369	37819.477
41510.551	26.897	28.227	26.441	1.019	
11/15/2016 2:00:00 AM	446400.000	120.007	20.347	270.327	37888.883
41584.449	26.951	28.277	26.393	1.019	
11/15/2016 2:15:00 AM	447300.000	119.995	20.352	270.301	37832.816
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11/15/2016 3:00:00 AM	450000.000	119.957	20.353	270.216	37854.273
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11/15/2016 3:15:00 AM	450900.000	119.946	20.350	270.191	37827.578
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11/15/2016 3:30:00 AM	451800.000	119.930	20.351	270.154	37852.105
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20.352	270.228	37848.398
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26.402 1.019
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26.413 1.019
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26.408 1.019
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26.402 1.019
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26.409 1.019
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26.412 1.019
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26.412 1.019
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26.419 1.019
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20.348 271.119 37845.590
41535.855 26.916 28.244

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26.420	1.019	
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26.437	1.019	
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26.412	1.019	
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26.427	1.019	
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26.416	1.019	
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26.408	1.019	
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20.352	270.404	37803.801
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26.452	1.018	

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37841.820	41526.773	26.909	28.238	26.426
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37832.328	41515.516	26.901	28.231	26.432
1.019				
11/15/2016 3:30:00 PM	495000.000	119.921	20.357	270.133
37818.688	41498.727	26.889	28.219	26.442
1.018				
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37821.973	41504.391	26.893	28.223	26.440
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37868.191	41552.203	26.928	28.255	26.407
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37825.102	41506.293	26.895	28.224	26.437
1.019				
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37849.852	41530.941	26.913	28.241	26.420
1.019				
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37844.633	41523.914	26.908	28.236	26.424
1.019				
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37847.168	41533.711	26.914	28.243	26.422
1.019				
11/15/2016 5:15:00 PM	501300.000	119.725	20.355	269.692
37865.043	41551.031	26.927	28.255	26.410
1.019				
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37842.430	41526.758	26.909	28.238	26.425
1.019				
11/15/2016 5:45:00 PM	503100.000	119.686	20.361	269.604
37855.121	41535.422	26.916	28.244	26.417
1.019				
11/15/2016 6:00:00 PM	504000.000	119.642	20.361	269.505
37841.516	41520.195	26.905	28.234	26.426
1.019				
11/15/2016 6:15:00 PM	504900.000	119.630	20.354	269.479
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1.019				
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26.419	1.019	
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26.416	1.019	
11/15/2016 9:00:00 PM	514800.000	119.733
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26.421	1.019	
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26.425	1.019	
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41517.234	26.902	28.232
26.437	1.019	
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41540.895 26.919 28.248
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20.349 269.982 37829.980
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26.434 1.019
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26.404 1.019
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26.419 1.019
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26.463 1.018
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20.353 270.333 37849.500
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11/16/2016 12:45:00 AM 528300.000 120.020
20.350 270.357 37854.336
41544.016 26.922 28.250
26.417 1.019
11/16/2016 1:00:00 AM 529200.000 120.021
20.351 270.360 37812.703
41497.641 26.888 28.218
26.446 1.018
11/16/2016 1:15:00 AM 530100.000 120.020
20.354 270.357 37862.910
41550.215 26.926 28.254
26.411 1.019
11/16/2016 1:30:00 AM 531000.000 120.019
20.354 270.355 37826.875
41510.297 26.898 28.227

26.436	1.019	
11/16/2016 1:45:00 AM	531900.000	120.021
20.349	270.360	37835.445
41524.352	26.907	28.237
26.430	1.019	
11/16/2016 2:00:00 AM	532800.000	120.020
20.353	270.357	37796.598
41477.977	26.874	28.205
26.457	1.018	
11/16/2016 2:15:00 AM	533700.000	120.011
20.351	270.336	37884.570
41575.965	26.945	28.272
26.396	1.019	
11/16/2016 2:30:00 AM	534600.000	119.995
20.347	270.301	37829.188
41519.457	26.904	28.233
26.435	1.019	
11/16/2016 2:45:00 AM	535500.000	119.991
20.348	270.292	37874.840
41568.047	26.939	28.266
26.403	1.019	
11/16/2016 3:00:00 AM	536400.000	119.977
20.353	270.261	37862.926
41551.223	26.927	28.255
26.411	1.019	
11/16/2016 3:15:00 AM	537300.000	119.974
20.351	270.252	37846.473
41534.613	26.915	28.244
26.423	1.019	
11/16/2016 3:30:00 AM	538200.000	119.964
20.353	270.230	37862.754
41550.277	26.926	28.254
26.411	1.019	
11/16/2016 3:45:00 AM	539100.000	119.944
20.346	270.184	37860.461
41554.160	26.929	28.257
26.413	1.019	
11/16/2016 4:00:00 AM	540000.000	119.948
20.354	270.195	37835.230
41519.992	26.905	28.234
26.430	1.019	
11/16/2016 4:15:00 AM	540900.000	119.921
20.351	270.133	37855.539
41544.723	26.922	28.250
26.416	1.019	
11/16/2016 4:30:00 AM	541800.000	119.915
20.353	270.121	37879.559
41569.258	26.940	28.267
26.399	1.019	
11/16/2016 4:45:00 AM	542700.000	119.915
20.355	270.121	37838.309
41522.461	26.906	28.235
26.428	1.019	
11/16/2016 5:00:00 AM	543600.000	119.904
20.355	270.096	37862.090
41548.172	26.925	28.253
26.412	1.019	

11/16/2016 5:15:00 AM	544500.000	119.905	20.354	270.099
37862.941	41549.723	26.926	28.254	26.411
1.019				
11/16/2016 5:30:00 AM	545400.000	119.902	20.349	270.090
37842.141	41531.547	26.913	28.241	26.426
1.019				
11/16/2016 5:45:00 AM	546300.000	119.896	20.351	270.078
37855.820	41545.109	26.922	28.251	26.416
1.019				
11/16/2016 6:00:00 AM	547200.000	119.903	20.347	270.094
37849.664	41541.477	26.920	28.248	26.420
1.019				
11/16/2016 6:15:00 AM	548100.000	119.908	20.347	270.106
37862.445	41555.434	26.930	28.258	26.411
1.019				
11/16/2016 6:30:00 AM	549000.000	119.911	20.348	270.111
37821.609	41509.918	26.897	28.227	26.440
1.019				
11/16/2016 6:45:00 AM	549900.000	119.919	20.352	270.130
37880.957	41571.707	26.942	28.269	26.398
1.019				
11/16/2016 7:00:00 AM	550800.000	119.937	20.354	270.170
37800.551	41481.332	26.877	28.207	26.455
1.018				
11/16/2016 7:15:00 AM	551700.000	119.951	20.354	270.202
37853.332	41539.559	26.919	28.247	26.418
1.019				
11/16/2016 7:30:00 AM	552600.000	119.975	20.351	270.254
37863.633	41553.445	26.928	28.256	26.411
1.019				
11/16/2016 7:45:00 AM	553500.000	119.984	20.350	270.275
37847.996	41536.824	26.917	28.245	26.421
1.019				
11/16/2016 8:00:00 AM	554400.000	120.003	20.353	270.319
37816.770	41500.648	26.891	28.220	26.443
1.019				
11/16/2016 8:15:00 AM	555300.000	120.017	20.355	270.349
37867.969	41555.082	26.930	28.257	26.408
1.019				
11/16/2016 8:30:00 AM	556200.000	120.061	20.353	270.448
37806.207	41488.520	26.882	28.212	26.451
1.018				
11/16/2016 8:45:00 AM	557100.000	120.069		

20.349	270.468	37859.648
41551.059	26.927	28.255
26.413	1.019	
11/16/2016 9:00:00 AM	558000.000	120.106
20.349	270.551	37860.582
41552.156	26.927	28.255
26.413	1.019	
11/16/2016 9:15:00 AM	558900.000	120.132
20.351	270.609	37839.676
41527.082	26.910	28.238
26.427	1.019	
11/16/2016 9:30:00 AM	559800.000	120.154
20.351	270.657	37832.020
41518.609	26.903	28.233
26.433	1.019	
11/16/2016 9:45:00 AM	560700.000	120.180
20.347	270.716	37836.906
41527.477	26.910	28.239
26.429	1.019	
11/16/2016 10:00:00 AM	561600.000	120.209
20.350	270.782	37812.445
41498.039	26.889	28.219
26.446	1.019	
11/16/2016 10:15:00 AM	562500.000	120.228
20.352	270.825	37849.129
41537.000	26.917	28.245
26.421	1.019	
11/16/2016 10:30:00 AM	563400.000	120.258
20.348	270.893	37861.723
41553.867	26.929	28.257
26.412	1.019	
11/16/2016 10:45:00 AM	564300.000	120.263
20.351	270.904	37858.004
41547.051	26.924	28.252
26.414	1.019	
11/16/2016 11:00:00 AM	565200.000	120.304
20.352	270.996	37846.516
41533.832	26.914	28.243
26.423	1.019	
11/16/2016 11:15:00 AM	566100.000	120.301
20.351	270.990	37857.785
41546.730	26.924	28.252
26.415	1.019	
11/16/2016 11:30:00 AM	567000.000	120.303
20.351	270.995	37751.359
41430.016	26.840	28.172
26.489	1.018	
11/16/2016 11:45:00 AM	567900.000	120.326
20.347	271.045	37862.926
41556.180	26.930	28.258
26.411	1.019	
11/16/2016 12:00:00 PM	568800.000	120.308
20.343	271.005	37828.402
41521.793	26.905	28.235
26.435	1.019	
11/16/2016 12:15:00 PM	569700.000	120.310
20.346	271.011	37893.672

41590.762	26.955	28.282	26.390	1.019	
11/16/2016 12:30:00 PM	570600.000	120.303	20.343	270.993	37803.234
41493.945	26.885	28.216	26.453	1.018	
11/16/2016 12:45:00 PM	571500.000	120.297	20.338	270.980	37841.266
41539.801	26.918	28.247	26.426	1.019	
11/16/2016 1:00:00 PM	572400.000	120.283	20.339	270.949	37854.531
41553.832	26.928	28.257	26.417	1.019	
11/16/2016 1:15:00 PM	573300.000	120.271	20.343	270.923	37844.180
41539.039	26.918	28.247	26.424	1.019	
11/16/2016 1:30:00 PM	574200.000	120.259	20.342	270.896	37817.684
41510.719	26.897	28.227	26.443	1.019	
11/16/2016 1:45:00 PM	575100.000	120.236	20.343	270.844	37844.363
41539.168	26.918	28.247	26.424	1.019	
11/16/2016 2:00:00 PM	576000.000	120.207	20.348	270.778	37821.457
41509.457	26.897	28.226	26.440	1.019	
11/16/2016 2:15:00 PM	576900.000	120.177	20.351	270.710	37852.930
41541.328	26.920	28.248	26.418	1.019	
11/16/2016 2:30:00 PM	577800.000	120.151	20.350	270.653	37850.195
41539.848	26.919	28.247	26.420	1.019	
11/16/2016 2:45:00 PM	578700.000	120.106	20.352	270.551	37817.652
41502.309	26.892	28.222	26.443	1.019	
11/16/2016 3:00:00 PM	579600.000	120.082	20.352	270.497	37824.809
41509.922	26.897	28.227	26.438	1.019	
11/16/2016 3:15:00 PM	580500.000	120.045	20.348	270.414	37854.031
41545.121	26.922	28.251	26.417	1.019	
11/16/2016 3:30:00 PM	581400.000	120.012	20.350	270.339	37821.035
41507.469	26.895	28.225	26.440	1.019	
11/16/2016 3:45:00 PM	582300.000	119.969	20.350	270.243	37804.680
41489.367	26.882	28.213			

26.452	1.018	
11/16/2016 4:00:00 PM	583200.000	119.928
20.352	270.150	37826.152
41511.176	26.898	28.228
26.437	1.019	
11/16/2016 4:15:00 PM	584100.000	119.912
20.356	270.113	37838.012
41521.219	26.905	28.234
26.428	1.019	
11/16/2016 4:30:00 PM	585000.000	119.879
20.364	270.039	37820.254
41494.281	26.886	28.216
26.441	1.018	
11/16/2016 4:45:00 PM	585900.000	119.846
20.362	269.966	37855.805
41535.031	26.916	28.244
26.416	1.019	
11/16/2016 5:00:00 PM	586800.000	119.788
20.360	269.834	37829.875
41508.102	26.896	28.226
26.434	1.019	
11/16/2016 5:15:00 PM	587700.000	119.762
20.360	269.775	37874.047
41557.180	26.931	28.259
26.403	1.019	
11/16/2016 5:30:00 PM	588600.000	119.725
20.363	269.692	37842.684
41520.258	26.905	28.234
26.425	1.019	
11/16/2016 5:45:00 PM	589500.000	119.695
20.357	269.626	37823.668
41504.035	26.893	28.223
26.438	1.019	
11/16/2016 6:00:00 PM	590400.000	119.673
20.362	269.576	37811.461
41486.980	26.881	28.211
26.447	1.018	
11/16/2016 6:15:00 PM	591300.000	119.658
20.355	269.541	37856.805
41542.613	26.921	28.249
26.415	1.019	
11/16/2016 6:30:00 PM	592200.000	119.651
20.355	269.526	37814.828
41495.930	26.887	28.217
26.445	1.018	
11/16/2016 6:45:00 PM	593100.000	119.639
20.356	269.498	37843.566
41526.711	26.909	28.238
26.425	1.019	
11/16/2016 7:00:00 PM	594000.000	119.610
20.354	269.433	37831.070
41515.352	26.901	28.230
26.433	1.019	
11/16/2016 7:15:00 PM	594900.000	119.610
20.358	269.432	37856.563
41539.441	26.919	28.247
26.415	1.019	

11/16/2016 7:30:00 PM	595800.000	119.593	20.356	269.394
37829.125	41511.246	26.898	28.228	26.435
1.019				
11/16/2016 7:45:00 PM	596700.000	119.611	20.357	269.436
37859.047	41543.012	26.921	28.249	26.414
1.019				
11/16/2016 8:00:00 PM	597600.000	119.593	20.352	269.394
37819.500	41504.336	26.893	28.223	26.441
1.019				
11/16/2016 8:15:00 PM	598500.000	119.594	20.350	269.397
37837.031	41525.328	26.908	28.237	26.429
1.019				
11/16/2016 8:30:00 PM	599400.000	119.593	20.351	269.394
37829.961	41516.035	26.902	28.231	26.434
1.019				
11/16/2016 8:45:00 PM	600300.000	119.615	20.351	269.445
37836.844	41524.359	26.908	28.237	26.429
1.019				
11/16/2016 9:00:00 PM	601200.000	119.626	20.353	269.470
37818.922	41502.402	26.892	28.222	26.442
1.019				
11/16/2016 9:15:00 PM	602100.000	119.668	20.354	269.563
37848.586	41534.125	26.915	28.243	26.421
1.019				
11/16/2016 9:30:00 PM	603000.000	119.688	20.355	269.609
37837.500	41521.570	26.906	28.235	26.429
1.019				
11/16/2016 9:45:00 PM	603900.000	119.685	20.349	269.602
37846.926	41537.023	26.917	28.245	26.422
1.019				
11/16/2016 10:00:00 PM	604800.000	119.705	20.345	269.647
37804.086	41493.656	26.885	28.216	26.452
1.018				
11/16/2016 10:15:00 PM	605700.000	119.731	20.343	269.706
37837.953	41532.133	26.913	28.242	26.428
1.019				
11/16/2016 10:30:00 PM	606600.000	119.761	20.341	269.773
37835.746	41531.070	26.912	28.241	26.430
1.019				
11/16/2016 10:45:00 PM	607500.000	119.782	20.343	269.822
37838.895	41533.238	26.914	28.243	26.428
1.019				
11/16/2016 11:00:00 PM	608400.000	119.797		

20.346	269.855	37839.344
41531.516	26.913	28.241
26.428	1.019	
11/16/2016 11:15:00 PM	609300.000	119.837
20.349	269.945	37852.309
41542.930	26.921	28.249
26.418	1.019	
11/16/2016 11:30:00 PM	610200.000	119.856
20.344	269.987	37851.410
41546.059	26.923	28.251
26.419	1.019	
11/16/2016 11:45:00 PM	611100.000	119.879
20.350	270.039	37856.387
41546.723	26.924	28.252
26.416	1.019	

Report Date: 11/18/2016 8:36:44 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-4M LT Test_2016-11-17_07-23-40-783-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

Log Configuration
Log Name: MPWSP MW-4M LT Test
Created By: ANorris
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 10/1/2016 7:44:55 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 10/1/2016 7:50:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 05 secs: 00

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

Other Log Settings
Depth of Probe: 197.555 (ft)
Head Pressure: 86.6734 (PSI)
Temperature: 17.9975 (C)

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2016 7:45:03 PM	Used Battery: 14% Used Memory: 3% User Name: ANorris
10/2/2016 11:27:35 AM	Log Download - Used Battery: 14% Used Memory: 3% User Name: ANorris Interval - Start Time: 10/1/2016 7:50:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/6/2016 5:03:54 PM	Log Download - Used Battery: 15% Used Memory: 4% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:15:00 PM
10/13/2016 7:37:50 PM	Log Download - Used Battery: 16% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM
10/20/2016 7:34:33 PM	Log Download - Used Battery: 16% Used Memory: 9% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM
10/27/2016 12:16:49 PM	Log Download - Used Battery: 17% Used Memory: 10% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 1:00:00 PM
11/3/2016 5:11:59 PM	Log Download - Used Battery: 18% Used Memory: 14% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 5:10:00 PM
11/11/2016 9:25:38 AM	Log Download - Used Battery: 19% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM
11/17/2016 7:21:53 AM	Log Download - Used Battery: 19% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:30:00 AM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 2129
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Sensor: PCTD(A) 197.3ft SN#: 428901 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 Corrected Barometric Pressure (PSI)	Sensor: Baro-Adj Calc SN#: 000000 Corrected Depth (ft)
11/10/2016 12:00:00 AM	7200.000	72.796	17.993	165.925	29037.621	33524.328	21.170	22796.543	34.438	1.015	14.743	
11/10/2016 12:05:00 AM	7500.000	72.809	17.993	165.953	29019.680	33503.613	21.155	22782.457	34.459	1.015	14.743	
11/10/2016 12:10:00 AM	7800.000	72.791	17.993	165.914	29027.166	33512.387	21.161	22788.426	34.450	1.015	14.744	
11/10/2016 12:15:00 AM	8100.000	72.809	17.993	165.954	29015.051	33497.941	21.151	22778.602	34.465	1.015	14.744	
11/10/2016 12:20:00 AM	8400.000	72.787	17.994	165.905	29029.914	33514.914	21.163	22790.145	34.447	1.015	14.745	
11/10/2016 12:25:00 AM	8700.000	72.805	17.993	165.944	29007.332	33489.414	21.145	22772.805	34.474	1.015	14.746	
11/10/2016 12:30:00 AM	9000.000	72.782	17.994	165.894	29008.152	33489.852	21.146	22773.100	34.473	1.015	14.746	
11/10/2016 12:35:00 AM	9300.000	72.800	17.994	165.934	29013.766	33496.332	21.150	22777.508	34.466	1.015	14.746	
11/10/2016 12:40:00 AM	9600.000	72.802	17.993	165.938	29030.859	33516.707	21.164	22791.363	34.446	1.015	14.746	
11/10/2016 12:45:00 AM	9900.000	72.799	17.993	165.932	29006.881	33488.574	21.145	22772.232	34.475	1.015	14.746	
11/10/2016 12:50:00 AM	10200.000	72.800	17.993	165.935	29024.447	33508.984	21.159	22786.109	34.454	1.015	14.746	
11/10/2016 12:55:00 AM	10500.000	72.796	17.993	165.925	29036.102	33522.504	21.168	22795.303	34.440	1.015	14.745	
11/10/2016 1:00:00 AM	10800.000	72.796	17.994	165.925	28998.908	33479.176	21.138	22765.840	34.484	1.015	14.745	
11/10/2016 1:05:00 AM	11100.000	72.775	17.993	165.876	29029.744	33515.164	21.163	22790.314	34.447	1.015	14.744	
11/10/2016 1:10:00 AM	11400.000	72.796	17.993	165.924	29019.771	33503.527	21.155	22782.400	34.459	1.015	14.742	
11/10/2016 1:15:00 AM	11700.000	72.795	17.993	165.921	29017.004	33500.391	21.153	22780.266	34.463	1.015	14.741	
11/10/2016 1:20:00 AM	12000.000	72.800	17.993	165.934	29023.721	33508.211	21.158	22785.586	34.455	1.015	14.741	
11/10/2016 1:25:00 AM	12300.000	72.792	17.993	165.917	29009.699	33492.223	21.147	22774.711	34.471	1.015	14.741	
11/10/2016 1:30:00 AM	12600.000	72.788	17.993	165.906	29019.078	33502.922	21.155	22781.988	34.460	1.015	14.741	
11/10/2016 1:35:00 AM	12900.000	72.789	17.993	165.910	29016.539	33499.852	21.153	22779.900	34.463	1.015	14.739	
11/10/2016 1:40:00 AM	13200.000	72.795	17.993	165.923	29009.676	33491.676	21.147	22774.342	34.471	1.015	14.738	

11/10/2016 1:45:00 AM	13500.000	72.795	17.993	165.923	29026.490	33511.477	21.161	22787.805	34.451
11/10/2016 1:50:00 AM	13800.000	72.792	17.993	165.916	29020.025	33503.750	21.155	22782.553	34.459
11/10/2016 1:55:00 AM	14100.000	72.763	17.993	165.850	29022.504	33506.547	21.157	22784.453	34.456
11/10/2016 2:00:00 AM	14400.000	72.768	17.993	165.861	29022.547	33506.789	21.157	22784.619	34.456
11/10/2016 2:05:00 AM	14700.000	72.770	17.993	165.865	29038.318	33524.941	21.170	22796.963	34.437
11/10/2016 2:10:00 AM	15000.000	72.788	17.993	165.906	28999.305	33480.023	21.139	22766.416	34.484
11/10/2016 2:15:00 AM	15300.000	72.790	17.993	165.912	28999.207	33479.590	21.139	22766.123	34.484
11/10/2016 2:20:00 AM	15600.000	72.774	17.993	165.874	29018.717	33502.434	21.154	22781.656	34.461
11/10/2016 2:25:00 AM	15900.000	72.796	17.993	165.924	29017.047	33500.309	21.153	22780.213	34.463
11/10/2016 2:30:00 AM	16200.000	72.790	17.993	165.911	29024.766	33509.488	21.159	22786.455	34.453
11/10/2016 2:35:00 AM	16500.000	72.792	17.993	165.915	29027.934	33512.953	21.162	22788.809	34.450
11/10/2016 2:40:00 AM	16800.000	72.790	17.993	165.911	29019.492	33503.453	21.155	22782.348	34.460
11/10/2016 2:45:00 AM	17100.000	72.794	17.993	165.919	29038.678	33525.410	21.170	22797.281	34.437
11/10/2016 2:50:00 AM	17400.000	72.793	17.993	165.919	29022.266	33506.656	21.157	22784.529	34.456
11/10/2016 2:55:00 AM	17700.000	72.797	17.993	165.926	29009.646	33491.766	21.147	22774.400	34.471
11/10/2016 3:00:00 AM	18000.000	72.793	17.993	165.917	29035.566	33522.086	21.168	22795.021	34.441
11/10/2016 3:05:00 AM	18300.000	72.799	17.993	165.932	29005.836	33487.305	21.144	22771.367	34.476
11/10/2016 3:10:00 AM	18600.000	72.797	17.993	165.927	29009.611	33491.855	21.147	22774.463	34.471
11/10/2016 3:15:00 AM	18900.000	72.797	17.993	165.928	29029.771	33515.000	21.163	22790.203	34.447
11/10/2016 3:20:00 AM	19200.000	72.801	17.993	165.936	29022.623	33507.066	21.158	22784.805	34.456
11/10/2016 3:25:00 AM	19500.000	72.784	17.994	165.897	29000.090	33480.414	21.139	22766.684	34.483
11/10/2016 3:30:00 AM	19800.000	72.787	17.993	165.905	28993.117	33472.684	21.134	22761.428	34.491
11/10/2016 3:35:00 AM	20100.000	72.804	17.993	165.942	29015.381	33498.652	21.152	22779.086	34.464
11/10/2016 3:40:00 AM	20400.000	72.808	17.993	165.951	29028.783	33514.254	21.163	22789.693	34.449
11/10/2016 3:45:00 AM	20700.000	72.810	17.994	165.956	29011.646	33493.824	21.148	22775.803	34.469
11/10/2016 3:50:00 AM	21000.000	72.806	17.993	165.947	29017.906	33501.430	21.154	22780.973	34.461
11/10/2016 3:55:00 AM	21300.000	72.811	17.993	165.959	29028.053	33512.891	21.162	22788.768	34.449
11/10/2016 4:00:00 AM	21600.000	72.807	17.993	165.950	29032.762	33518.527	21.166	22792.602	34.444
11/10/2016 4:05:00 AM	21900.000	72.797	17.994	165.926	29019.285	33502.645	21.155	22781.799	34.460
11/10/2016 4:10:00 AM	22200.000	72.798	17.993	165.929	29021.539	33505.762	21.157	22783.918	34.457
11/10/2016 4:15:00 AM	22500.000	72.819	17.993	165.978	29023.650	33508.199	21.158	22785.578	34.455
11/10/2016 4:20:00 AM	22800.000	72.827	17.993	165.994	29029.227	33514.691	21.163	22789.992	34.448
11/10/2016 4:25:00 AM	23100.000	72.819	17.993	165.976	29023.824	33508.398	21.159	22785.711	34.454
11/10/2016 4:30:00 AM	23400.000	72.824	17.993	165.989	29022.217	33506.473	21.157	22784.402	34.456
11/10/2016 4:35:00 AM	23700.000	72.830	17.993	166.003	29023.053	33507.508	21.158	22785.107	34.455
11/10/2016 4:40:00 AM	24000.000	72.834	17.993	166.011	29018.768	33502.234	21.154	22781.521	34.460
11/10/2016 4:45:00 AM	24300.000	72.836	17.993	166.017	29019.863	33503.563	21.155	22782.424	34.459
11/10/2016 4:50:00 AM	24600.000	72.838	17.994	166.019	29030.789	33515.926	21.164	22790.830	34.446
11/10/2016 4:55:00 AM	24900.000	72.837	17.993	166.019	29023.420	33507.988	21.158	22785.434	34.455
11/10/2016 5:00:00 AM	25200.000	72.817	17.993	165.972	29015.313	33498.309	21.152	22778.850	34.465
11/10/2016 5:05:00 AM	25500.000	72.841	17.993	166.027	29020.727	33504.754	21.156	22783.234	34.458
11/10/2016 5:10:00 AM	25800.000	72.843	17.994	166.032	29033.271	33518.793	21.166	22792.779	34.443
11/10/2016 5:15:00 AM	26100.000	72.846	17.993	166.039	29025.520	33510.289	21.160	22786.996	34.452
11/10/2016 5:20:00 AM	26400.000	72.853	17.993	166.055	29023.912	33508.309	21.159	22785.652	34.454
11/10/2016 5:25:00 AM	26700.000	72.854	17.993	166.056	29027.418	33512.414	21.161	22788.443	34.450
11/10/2016 5:30:00 AM	27000.000	72.837	17.993	166.019	29028.969	33514.203	21.163	22789.660	34.448
11/10/2016 5:35:00 AM	27300.000	72.860	17.994	166.070	29025.018	33509.320	21.159	22786.338	34.453
11/10/2016 5:40:00 AM	27600.000	72.859	17.993	166.068	29023.703	33508.066	21.158	22785.488	34.455
11/10/2016 5:45:00 AM	27900.000	72.845	17.993	166.036	29035.373	33521.734	21.168	22794.781	34.441
11/10/2016 5:50:00 AM	28200.000	72.866	17.993	166.083	29013.506	33496.617	21.150	22777.701	34.467
11/10/2016 5:55:00 AM	28500.000	72.870	17.994	166.093	29021.885	33505.512	21.157	22783.748	34.457
11/10/2016 6:00:00 AM	28800.000	72.874	17.993	166.103	29014.906	33498.035	21.151	22778.666	34.465
11/10/2016 6:05:00 AM	29100.000	72.868	17.993	166.088	29036.057	33522.133	21.168	22795.051	34.440
11/10/2016 6:10:00 AM	29400.000	72.842	17.993	166.029	29034.834	33521.043	21.167	22794.311	34.441
11/10/2016 6:15:00 AM	29700.000	72.862	17.993	166.076	29009.252	33491.820	21.147	22774.439	34.472
11/10/2016 6:20:00 AM	30000.000	72.854	17.994	166.058	29029.740	33514.645	21.163	22789.961	34.447
11/10/2016 6:25:00 AM	30300.000	72.880	17.993	166.116	29032.539	33518.324	21.165	22792.461	34.444
11/10/2016 6:30:00 AM	30600.000	72.886	17.993	166.129	29019.621	33503.219	21.155	22782.189	34.459
11/10/2016 6:35:00 AM	30900.000	72.885	17.994	166.127	29021.539	33505.305	21.156	22783.609	34.457
11/10/2016 6:40:00 AM	31200.000	72.883	17.993	166.122	29035.160	33521.223	21.167	22794.434	34.441
11/10/2016 6:45:00 AM	31500.000	72.889	17.993	166.136	29028.150	33513.324	21.162	22789.063	34.449
11/10/2016 6:50:00 AM	31800.000	72.889	17.993	166.136	29013.660	33496.473	21.150	22777.604	34.467
11/10/2016 6:55:00 AM	32100.000	72.866	17.993	166.085	29022.490	33506.668	21.157	22784.537	34.456
11/10/2016 7:00:00 AM	32400.000	72.890	17.993	166.139	29020.639	33504.586	21.156	22783.121	34.458
11/10/2016 7:05:00 AM	32700.000	72.894	17.993	166.147	29024.553	33509.371	21.159	22786.375	34.454
11/10/2016 7:10:00 AM	33000.000	72.894	17.993	166.148	29020.170	33503.914	21.155	22782.664	34.459
11/10/2016 7:15:00 AM	33300.000	72.901	17.993	166.164	29022.535	33506.582	21.157	22784.477	

34.456	1.015	14.746						
11/10/2016 7:20:00 AM	33600.000	72.877	17.993	166.109	29015.367	33498.445	21.152	22778.943
34.464	1.015	14.747						
11/10/2016 7:25:00 AM	33900.000	72.897	17.993	166.155	29028.797	33513.949	21.162	22789.488
34.449	1.015	14.748						
11/10/2016 7:30:00 AM	34200.000	72.902	17.994	166.166	29029.791	33514.832	21.163	22790.086
34.447	1.015	14.749						
11/10/2016 7:35:00 AM	34500.000	72.902	17.993	166.165	29029.561	33514.633	21.163	22789.951
34.448	1.015	14.751						
11/10/2016 7:40:00 AM	34800.000	72.887	17.994	166.131	29014.592	33497.156	21.151	22778.066
34.465	1.015	14.754						
11/10/2016 7:45:00 AM	35100.000	72.902	17.993	166.166	29023.852	33508.238	21.158	22785.604
34.454	1.015	14.756						
11/10/2016 7:50:00 AM	35400.000	72.903	17.993	166.168	29019.207	33502.680	21.155	22781.824
34.460	1.015	14.755						
11/10/2016 7:55:00 AM	35700.000	72.902	17.994	166.167	29020.721	33504.359	21.156	22782.967
34.458	1.015	14.755						
11/10/2016 8:00:00 AM	36000.000	72.885	17.993	166.127	29021.646	33505.695	21.157	22783.875
34.457	1.015	14.754						
11/10/2016 8:05:00 AM	36300.000	72.911	17.993	166.188	29011.740	33494.770	21.149	22776.445
34.469	1.015	14.752						
11/10/2016 8:10:00 AM	36600.000	72.910	17.993	166.184	29031.461	33516.828	21.164	22791.445
34.445	1.015	14.750						
11/10/2016 8:15:00 AM	36900.000	72.898	17.993	166.156	29023.016	33507.328	21.158	22784.982
34.455	1.015	14.748						
11/10/2016 8:20:00 AM	37200.000	72.910	17.993	166.185	29010.371	33493.051	21.148	22775.275
34.470	1.015	14.748						
11/10/2016 8:25:00 AM	37500.000	72.894	17.993	166.149	29013.945	33496.730	21.150	22777.779
34.466	1.015	14.747						
11/10/2016 8:30:00 AM	37800.000	72.910	17.993	166.184	29020.551	33504.551	21.156	22783.096
34.458	1.015	14.747						
11/10/2016 8:35:00 AM	38100.000	72.895	17.993	166.151	29016.652	33499.984	21.153	22779.990
34.463	1.015	14.747						
11/10/2016 8:40:00 AM	38400.000	72.910	17.993	166.183	29024.592	33509.148	21.159	22786.223
34.454	1.015	14.748						
11/10/2016 8:45:00 AM	38700.000	72.914	17.993	166.194	29012.809	33495.613	21.150	22777.020
34.468	1.015	14.748						
11/10/2016 8:50:00 AM	39000.000	72.916	17.993	166.198	28998.203	33478.875	21.138	22765.637
34.485	1.015	14.750						
11/10/2016 8:55:00 AM	39300.000	72.893	17.993	166.145	29014.221	33496.984	21.151	22777.951
34.466	1.015	14.752						
11/10/2016 9:00:00 AM	39600.000	72.889	17.993	166.136	29037.199	33523.453	21.169	22795.949
34.439	1.015	14.754						
11/10/2016 9:05:00 AM	39900.000	72.907	17.994	166.177	29031.236	33516.500	21.164	22791.221
34.446	1.015	14.753						
11/10/2016 9:10:00 AM	40200.000	72.886	17.993	166.131	29031.234	33516.629	21.164	22791.309
34.446	1.015	14.751						
11/10/2016 9:15:00 AM	40500.000	72.909	17.994	166.183	29019.727	33503.082	21.155	22782.098
34.459	1.015	14.750						
11/10/2016 9:20:00 AM	40800.000	72.896	17.993	166.152	29034.043	33520.063	21.167	22793.645
34.442	1.015	14.747						
11/10/2016 9:25:00 AM	41100.000	72.898	17.993	166.158	29021.775	33506.090	21.157	22784.141
34.457	1.015	14.744						
11/10/2016 9:30:00 AM	41400.000	72.915	17.993	166.196	29021.090	33505.297	21.156	22783.602
34.458	1.015	14.742						
11/10/2016 9:35:00 AM	41700.000	72.912	17.993	166.188	29007.346	33489.109	21.145	22772.594
34.474	1.015	14.741						
11/10/2016 9:40:00 AM	42000.000	72.917	17.994	166.201	29042.457	33529.262	21.173	22799.900
34.432	1.015	14.741						
11/10/2016 9:45:00 AM	42300.000	72.890	17.994	166.140	29035.787	33521.754	21.168	22794.795
34.440	1.015	14.741						
11/10/2016 9:50:00 AM	42600.000	72.910	17.993	166.185	29016.906	33500.414	21.153	22780.283
34.463	1.015	14.740						
11/10/2016 9:55:00 AM	42900.000	72.911	17.993	166.186	29030.938	33516.422	21.164	22791.168
34.446	1.015	14.739						
11/10/2016 10:00:00 AM	43200.000	72.912	17.993	166.188	29037.098	33523.656	21.169	22796.088
34.439	1.015	14.738						
11/10/2016 10:05:00 AM	43500.000	72.886	17.993	166.130	29010.027	33492.473	21.147	22774.881
34.471	1.015	14.739						
11/10/2016 10:10:00 AM	43800.000	72.908	17.993	166.181	29036.447	33522.707	21.169	22795.443
34.439	1.015	14.740						
11/10/2016 10:15:00 AM	44100.000	72.905	17.993	166.172	29031.607	33517.387	21.165	22791.822
34.445	1.015	14.741						
11/10/2016 10:20:00 AM	44400.000	72.904	17.993	166.170	29028.756	33513.766	21.162	22789.361
34.449	1.015	14.742						
11/10/2016 10:25:00 AM	44700.000	72.880	17.993	166.116	29015.938	33499.227	21.152	22779.477
34.464	1.015	14.743						
11/10/2016 10:30:00 AM	45000.000	72.901	17.994	166.163	29036.779	33522.641	21.168	22795.396
34.439	1.015	14.743						
11/10/2016 10:35:00 AM	45300.000	72.900	17.993	166.161	29017.000	33500.387	21.153	22780.264
34.463	1.015	14.740						
11/10/2016 10:40:00 AM	45600.000	72.899	17.993	166.158	29023.912	33508.434	21.159	22785.736
34.454	1.015	14.737						
11/10/2016 10:45:00 AM	45900.000	72.901	17.993	166.165	29027.408	33512.273	21.161	22788.348
34.450	1.015	14.734						
11/10/2016 10:50:00 AM	46200.000	72.901	17.993	166.164	29021.799	33505.926	21.157	22784.031
34.457	1.015	14.734						
11/10/2016 10:55:00 AM	46500.000	72.896	17.993	166.152	29021.307	33505.227	21.156	22783.557
34.457	1.015	14.733						
11/10/2016 11:00:00 AM	46800.000	72.891	17.993	166.141	29027.885	33512.895	21.162	22788.770
34.450	1.015	14.732						
11/10/2016 11:05:00 AM	47100.000	72.891	17.993	166.141	29029.086	33514.406	21.163	22789.799
34.448	1.015	14.733						
11/10/2016 11:10:00 AM	47400.000	72.892	17.993	166.143	29009.270	33491.527	21.147	22774.238
34.472	1.015	14.733						
11/10/2016 11:15:00 AM	47700.000	72.889	17.993	166.136	29019.453	33503.219	21.155	22782.189
34.460	1.015	14.734						
11/10/2016 11:20:00 AM	48000.000	72.888	17.993	166.135	29023.322	33507.820	21.158	22785.320
34.455	1.015	14.731						
11/10/2016 11:25:00 AM	48300.000	72.891	17.993	166.141	29019.680	33503.613	21.155	22782.457
34.459	1.015	14.729						
11/10/2016 11:30:00 AM	48600.000	72.865	17.994	166.081	29039.537	33526.027	21.171	22797.701
34.436	1.015	14.727						
11/10/2016 11:35:00 AM	48900.000	72.884	17.993	166.126	29044.449	33531.820	21.175	22801.639
34.430	1.015	14.728						
11/10/2016 11:40:00 AM	49200.000	72.879	17.993	166.113	29030.396	33515.797	21.164	22790.742
34.447	1.015	14.729						
11/10/2016 11:45:00 AM	49500.000	72.881	17.993	166.118	29025.064	33509.695	21.159	22786.594
34.453	1.015	14.729						
11/10/2016 11:50:00 AM	49800.000	72.876	17.993	166.107	29019.379	33503.324	21.155	22782.262
34.460	1.015	14.728						
11/10/2016 11:55:00 AM	50100.000	72.872	17.993	166.097	29017.123	33500.398	21.153	22780.273
34.462	1.015	14.728						
11/10/2016 12:00:00 PM	50400.000	72.873	17.993	166.099	29017.355	33500.797	21.153	22780.545
34.462	1.015	14.727						
11/10/2016 12:05:00 PM	50700.000	72.868	17.994	166.089	29016.867	33499.719	21.153	22779.811
34.463	1.015	14.728						
11/10/2016 12:10:00 PM	51000.000	72.869	17.993	166.092	29017.893	33501.480	21.154	22781.010
34.461	1.015	14.729						
11/10/2016 12:15:00 PM	51300.000	72.865	17.993	166.082	29029.699	33515.184	21.163	22790.324
34.447	1.015	14.730						
11/10/2016 12:20:00 PM	51600.000	72.858	17.993	166.067	29030.229	33515.527	21.164	22790.561
34.447	1.015	14.729						
11/10/2016 12:25:00 PM	51900.000	72.864	17.993	166.079	29029.020	33514.453	21.163	22789.830
34.448	1.015	14.727						
11/10/2016 12:30:00 PM	52200.000	72.859	17.994	166.069	29021.959	33505.789	21.157	22783.939
34.457	1.015	14.726						
11/10/2016 12:35:00 PM	52500.000	72.856	17.993	166.062	29006.387	33487.941	21.144	22771.801
34.475	1.015	14.726						
11/10/2016 12:40:00 PM	52800.000	72.858	17.993	166.065	29017.490	33501.020	21.153	22780.695
34.462	1.015	14.726						
11/10/2016 12:45:00 PM	53100.000	72.853	17.993	166.055	29020.896	33504.691	21.156	22783.189
34.458	1.015	14.726						

11/10/2016 12:50:00 PM	53400.000	72.851	17.993	166.051	29020.207	33504.086	21.156	22782.779	
34.459	1.015	14.722							
11/10/2016 12:55:00 PM	53700.000	72.856	17.993	166.061	29011.760	33494.207	21.149	22776.063	
34.469	1.015	14.719							
11/10/2016 1:00:00 PM	54000.000	72.854	17.993	166.057	29017.318	33500.887	21.153	22780.605	
34.462	1.015	14.716							
11/10/2016 1:05:00 PM	54300.000	72.860	17.993	166.070	29012.342	33495.145	21.149	22776.701	
34.468	1.015	14.716							
11/10/2016 1:10:00 PM	54600.000	72.850	17.994	166.048	29023.891	33508.020	21.158	22785.453	
34.454	1.015	14.717							
11/10/2016 1:15:00 PM	54900.000	72.845	17.993	166.037	29014.488	33497.551	21.151	22778.336	
34.466	1.015	14.718							
11/10/2016 1:20:00 PM	55200.000	72.849	17.993	166.045	29029.346	33514.703	21.163	22789.998	
34.448	1.015	14.721							
11/10/2016 1:25:00 PM	55500.000	72.841	17.993	166.028	29018.861	33502.281	21.154	22781.551	
34.460	1.015	14.724							
11/10/2016 1:30:00 PM	55800.000	72.836	17.993	166.015	29039.807	33526.906	21.171	22798.299	
34.435	1.015	14.727							
11/10/2016 1:35:00 PM	56100.000	72.837	17.993	166.018	29011.986	33494.344	21.149	22776.156	
34.469	1.015	14.727							
11/10/2016 1:40:00 PM	56400.000	72.818	17.993	165.975	29039.252	33525.945	21.171	22797.645	
34.436	1.015	14.726							
11/10/2016 1:45:00 PM	56700.000	72.837	17.993	166.017	29033.270	33518.914	21.166	22792.861	
34.443	1.015	14.725							
11/10/2016 1:50:00 PM	57000.000	72.840	17.993	166.024	29023.514	33507.715	21.158	22785.248	
34.455	1.015	14.725							
11/10/2016 1:55:00 PM	57300.000	72.834	17.993	166.011	29023.387	33507.895	21.158	22785.369	
34.455	1.015	14.726							
11/10/2016 2:00:00 PM	57600.000	72.827	17.993	165.995	29019.707	33503.453	21.155	22782.348	
34.459	1.015	14.726							
11/10/2016 2:05:00 PM	57900.000	72.833	17.993	166.009	29009.980	33492.090	21.147	22774.621	
34.471	1.015	14.728							
11/10/2016 2:10:00 PM	58200.000	72.829	17.993	166.000	29024.258	33508.957	21.159	22786.092	
34.454	1.015	14.729							
11/10/2016 2:15:00 PM	58500.000	72.825	17.993	165.991	29028.865	33513.891	21.162	22789.445	
34.448	1.015	14.731							
11/10/2016 2:20:00 PM	58800.000	72.823	17.993	165.986	29015.693	33499.012	21.152	22779.330	
34.464	1.015	14.730							
11/10/2016 2:25:00 PM	59100.000	72.823	17.993	165.987	29018.984	33502.996	21.155	22782.037	
34.460	1.015	14.730							
11/10/2016 2:30:00 PM	59400.000	72.826	17.993	165.994	29015.594	33498.633	21.152	22779.072	
34.464	1.015	14.729							
11/10/2016 2:35:00 PM	59700.000	72.829	17.994	166.000	29018.313	33501.578	21.154	22781.074	
34.461	1.015	14.728							
11/10/2016 2:40:00 PM	60000.000	72.807	17.993	165.949	29017.482	33500.813	21.153	22780.555	
34.462	1.015	14.727							
11/10/2016 2:45:00 PM	60300.000	72.808	17.993	165.952	29011.252	33493.496	21.148	22775.580	
34.469	1.015	14.726							
11/10/2016 2:50:00 PM	60600.000	72.826	17.993	165.992	29019.125	33502.973	21.155	22782.023	
34.460	1.015	14.727							
11/10/2016 2:55:00 PM	60900.000	72.824	17.993	165.989	29021.926	33505.879	21.157	22783.998	
34.457	1.015	14.729							
11/10/2016 3:00:00 PM	61200.000	72.820	17.993	165.980	29025.328	33510.000	21.160	22786.803	
34.453	1.015	14.731							
11/10/2016 3:05:00 PM	61500.000	72.822	17.993	165.984	29025.879	33510.828	21.160	22787.365	
34.452	1.015	14.731							
11/10/2016 3:10:00 PM	61800.000	72.822	17.993	165.983	29042.221	33529.504	21.173	22800.064	
34.433	1.015	14.731							
11/10/2016 3:15:00 PM	62100.000	72.799	17.993	165.931	29019.537	33503.379	21.155	22782.299	
34.460	1.015	14.732							
11/10/2016 3:20:00 PM	62400.000	72.817	17.994	165.971	29015.039	33497.609	21.151	22778.375	
34.465	1.015	14.734							
11/10/2016 3:25:00 PM	62700.000	72.820	17.993	165.979	29024.254	33508.703	21.159	22785.920	
34.454	1.015	14.736							
11/10/2016 3:30:00 PM	63000.000	72.812	17.993	165.962	29020.510	33504.184	21.156	22782.846	
34.458	1.015	14.738							
11/10/2016 3:35:00 PM	63300.000	72.816	17.993	165.970	29016.793	33500.145	21.153	22780.098	
34.463	1.015	14.737							
11/10/2016 3:40:00 PM	63600.000	72.819	17.993	165.977	29035.691	33521.910	21.168	22794.898	
34.440	1.015	14.737							
11/10/2016 3:45:00 PM	63900.000	72.819	17.993	165.978	29026.568	33511.430	21.161	22787.773	
34.451	1.015	14.737							
11/10/2016 3:50:00 PM	64200.000	72.821	17.993	165.980	29021.566	33505.602	21.157	22783.811	
34.457	1.015	14.737							
11/10/2016 3:55:00 PM	64500.000	72.821	17.993	165.982	29042.637	33530.305	21.174	22800.607	
34.432	1.015	14.737							
11/10/2016 4:00:00 PM	64800.000	72.823	17.994	165.985	29045.361	33532.750	21.176	22802.271	
34.429	1.015	14.737							
11/10/2016 4:05:00 PM	65100.000	72.824	17.993	165.988	29032.826	33518.602	21.166	22792.650	
34.444	1.015	14.738							
11/10/2016 4:10:00 PM	65400.000	72.823	17.993	165.987	29038.727	33525.469	21.170	22797.320	
34.437	1.015	14.738							
11/10/2016 4:15:00 PM	65700.000	72.819	17.994	165.978	29023.588	33507.613	21.158	22785.180	
34.455	1.015	14.739							
11/10/2016 4:20:00 PM	66000.000	72.822	17.993	165.984	29022.588	33506.707	21.157	22784.561	
34.456	1.015	14.739							
11/10/2016 4:25:00 PM	66300.000	72.828	17.993	165.997	29011.377	33493.766	21.148	22775.762	
34.469	1.015	14.738							
11/10/2016 4:30:00 PM	66600.000	72.810	17.994	165.956	29015.564	33498.406	21.152	22778.918	
34.464	1.015	14.738							
11/10/2016 4:35:00 PM	66900.000	72.824	17.993	165.988	29028.367	33513.316	21.162	22789.055	
34.449	1.015	14.739							
11/10/2016 4:40:00 PM	67200.000	72.831	17.993	166.005	29028.605	33513.652	21.162	22789.283	
34.449	1.015	14.741							
11/10/2016 4:45:00 PM	67500.000	72.827	17.993	165.995	29029.539	33514.730	21.163	22790.018	
34.448	1.015	14.743							
11/10/2016 4:50:00 PM	67800.000	72.830	17.993	166.002	29016.361	33499.395	21.152	22779.588	
34.463	1.015	14.739							
11/10/2016 4:55:00 PM	68100.000	72.835	17.993	166.015	29020.311	33504.016	21.156	22782.732	
34.459	1.015	14.734							
11/10/2016 5:00:00 PM	68400.000	72.842	17.993	166.030	29015.678	33498.859	21.152	22779.227	
34.464	1.015	14.730							
11/10/2016 5:05:00 PM	68700.000	72.837	17.993	166.018	29039.443	33526.043	21.171	22797.711	
34.436	1.015	14.735							
11/10/2016 5:10:00 PM	69000.000	72.833	17.993	166.010	29022.563	33506.809	21.157	22784.631	
34.456	1.015	14.740							
11/10/2016 5:15:00 PM	69300.000	72.831	17.993	166.005	29029.930	33515.184	21.163	22790.324	
34.447	1.015	14.746							
11/10/2016 5:20:00 PM	69600.000	72.834	17.993	166.012	29018.244	33501.691	21.154	22781.150	
34.461	1.015	14.745							
11/10/2016 5:25:00 PM	69900.000	72.840	17.993	166.026	29048.373	33536.672	21.178	22804.939	
34.425	1.015	14.744							
11/10/2016 5:30:00 PM	70200.000	72.840	17.993	166.025	29041.701	33528.773	21.173	22799.568	
34.433	1.015	14.744							
11/10/2016 5:35:00 PM	70500.000	72.819	17.994	165.977	29033.482	33518.965	21.166	22792.898	
34.443	1.015	14.743							
11/10/2016 5:40:00 PM	70800.000	72.843	17.993	166.032	29031.373	33517.434	21.165	22791.857	
34.445	1.015	14.742							
11/10/2016 5:45:00 PM	71100.000	72.842	17.993	166.030	29036.250	33522.746	21.169	22795.467	
34.440	1.015	14.741							
11/10/2016 5:50:00 PM	71400.000	72.849	17.993	166.046	29008.008	33490.004	21.146	22773.205	
34.473	1.015	14.744							
11/10/2016 5:55:00 PM	71700.000	72.847	17.993	166.041	29026.557	33511.363	21.161	22787.727	
34.451	1.015	14.746							
11/10/2016 6:00:00 PM	72000.000	72.847	17.993	166.040	29037.848	33524.324	21.170	22796.541	
34.438	1.015	14.748							
11/10/2016 6:05:00 PM	72300.000	72.833	17.994	166.010	29040.285	33526.945	21.171	22798.322	
34.435	1.015	14.747							
11/10/2016 6:10:00 PM	72600.000	72.852	17.993	166.053	29018.855	33502.473	21.154	22781.684	
34.460	1.015	14.746							
11/10/2016 6:15:00 PM	72900.000	72.855	17.993	166.058	29036.275	33522.707	21.169	22795.443	
34.440	1.015	14.744							
11/10/2016 6:20:00 PM	73200.000	72.855	17.994	166.059	29017.633	33500.797	21.153	22780.545	

34.462	1.015	14.745							
11/10/2016 6:25:00 PM	73500.000	72.857	17.993	166.064	29020.779	33504.938	21.156	22783.357	
34.458	1.015	14.745							
11/10/2016 6:30:00 PM	73800.000	72.857	17.994	166.064	29029.869	33514.730	21.163	22790.018	
34.447	1.015	14.745							
11/10/2016 6:35:00 PM	74100.000	72.840	17.993	166.026	29043.439	33530.977	21.174	22801.066	
34.431	1.015	14.743							
11/10/2016 6:40:00 PM	74400.000	72.863	17.993	166.078	29025.180	33509.637	21.159	22786.555	
34.453	1.015	14.742							
11/10/2016 6:45:00 PM	74700.000	72.867	17.993	166.087	29011.822	33494.277	21.149	22776.109	
34.469	1.015	14.740							
11/10/2016 6:50:00 PM	75000.000	72.869	17.993	166.090	29022.168	33506.418	21.157	22784.367	
34.456	1.015	14.742							
11/10/2016 6:55:00 PM	75300.000	72.866	17.993	166.085	29033.842	33519.895	21.167	22793.529	
34.443	1.015	14.743							
11/10/2016 7:00:00 PM	75600.000	72.866	17.993	166.084	29027.043	33511.852	21.161	22788.059	
34.451	1.015	14.744							
11/10/2016 7:05:00 PM	75900.000	72.843	17.993	166.032	29033.648	33519.871	21.167	22793.512	
34.443	1.015	14.745							
11/10/2016 7:10:00 PM	76200.000	72.864	17.993	166.080	29030.336	33515.918	21.164	22790.824	
34.447	1.015	14.745							
11/10/2016 7:15:00 PM	76500.000	72.870	17.994	166.093	29035.109	33520.973	21.167	22794.262	
34.441	1.015	14.745							
11/10/2016 7:20:00 PM	76800.000	72.860	17.993	166.072	29017.594	33501.016	21.153	22780.693	
34.462	1.015	14.744							
11/10/2016 7:25:00 PM	77100.000	72.846	17.994	166.038	29025.328	33509.680	21.159	22786.582	
34.453	1.015	14.742							
11/10/2016 7:30:00 PM	77400.000	72.870	17.993	166.092	29028.521	33513.688	21.162	22789.311	
34.449	1.015	14.741							
11/10/2016 7:35:00 PM	77700.000	72.869	17.993	166.092	29019.740	33503.492	21.155	22782.375	
34.459	1.015	14.741							
11/10/2016 7:40:00 PM	78000.000	72.872	17.994	166.097	29012.703	33495.105	21.149	22776.672	
34.468	1.015	14.741							
11/10/2016 7:45:00 PM	78300.000	72.873	17.993	166.099	29030.848	33516.438	21.164	22791.180	
34.446	1.015	14.742							
11/10/2016 7:50:00 PM	78600.000	72.872	17.994	166.098	29018.498	33501.793	21.154	22781.219	
34.461	1.015	14.744							
11/10/2016 7:55:00 PM	78900.000	72.852	17.993	166.053	29019.061	33502.832	21.155	22781.928	
34.460	1.015	14.747							
11/10/2016 8:00:00 PM	79200.000	72.867	17.994	166.087	29018.455	33501.746	21.154	22781.189	
34.461	1.015	14.750							
11/10/2016 8:05:00 PM	79500.000	72.871	17.993	166.096	29018.426	33502.168	21.154	22781.475	
34.461	1.015	14.748							
11/10/2016 8:10:00 PM	79800.000	72.876	17.993	166.106	29031.951	33517.836	21.165	22792.129	
34.445	1.015	14.745							
11/10/2016 8:15:00 PM	80100.000	72.876	17.994	166.107	29014.215	33496.719	21.150	22777.771	
34.466	1.015	14.743							
11/10/2016 8:20:00 PM	80400.000	72.873	17.993	166.101	29025.027	33509.844	21.160	22786.693	
34.453	1.015	14.745							
11/10/2016 8:25:00 PM	80700.000	72.868	17.993	166.089	29020.697	33504.398	21.156	22782.992	
34.458	1.015	14.746							
11/10/2016 8:30:00 PM	81000.000	72.873	17.993	166.100	29024.686	33509.578	21.159	22786.514	
34.453	1.015	14.748							
11/10/2016 8:35:00 PM	81300.000	72.849	17.993	166.046	29013.021	33495.793	21.150	22777.141	
34.467	1.015	14.749							
11/10/2016 8:40:00 PM	81600.000	72.873	17.993	166.100	29050.279	33538.676	21.180	22806.299	
34.423	1.015	14.750							
11/10/2016 8:45:00 PM	81900.000	72.873	17.993	166.099	29044.082	33531.598	21.175	22801.486	
34.430	1.015	14.751							
11/10/2016 8:50:00 PM	82200.000	72.871	17.993	166.096	29038.104	33524.695	21.170	22796.795	
34.438	1.015	14.749							
11/10/2016 8:55:00 PM	82500.000	72.873	17.993	166.100	29037.600	33523.977	21.169	22796.307	
34.438	1.015	14.746							
11/10/2016 9:00:00 PM	82800.000	72.877	17.993	166.108	29037.441	33524.051	21.169	22796.355	
34.438	1.015	14.744							
11/10/2016 9:05:00 PM	83100.000	72.875	17.993	166.104	29018.727	33502.125	21.154	22781.447	
34.461	1.015	14.746							
11/10/2016 9:10:00 PM	83400.000	72.852	17.993	166.053	29036.125	33522.785	21.169	22795.496	
34.440	1.015	14.749							
11/10/2016 9:15:00 PM	83700.000	72.865	17.994	166.081	29029.770	33514.750	21.163	22790.029	
34.447	1.015	14.751							
11/10/2016 9:20:00 PM	84000.000	72.868	17.993	166.089	29020.939	33504.742	21.156	22783.227	
34.458	1.015	14.752							
11/10/2016 9:25:00 PM	84300.000	72.868	17.994	166.089	29031.195	33516.453	21.164	22791.189	
34.446	1.015	14.753							
11/10/2016 9:30:00 PM	84600.000	72.868	17.993	166.090	29008.299	33490.285	21.146	22773.396	
34.473	1.015	14.754							
11/10/2016 9:35:00 PM	84900.000	72.869	17.993	166.091	29040.355	33527.484	21.172	22798.691	
34.435	1.015	14.752							
11/10/2016 9:40:00 PM	85200.000	72.867	17.994	166.087	29032.520	33517.723	21.165	22792.051	
34.444	1.015	14.750							
11/10/2016 9:45:00 PM	85500.000	72.846	17.993	166.039	29023.139	33507.473	21.158	22785.084	
34.455	1.015	14.748							
11/10/2016 9:50:00 PM	85800.000	72.866	17.993	166.083	29017.924	33501.395	21.154	22780.951	
34.461	1.015	14.750							
11/10/2016 9:55:00 PM	86100.000	72.869	17.993	166.091	29035.299	33521.703	21.168	22794.760	
34.441	1.015	14.751							
11/10/2016 10:00:00 PM	86400.000	72.860	17.994	166.071	29018.557	33501.805	21.154	22781.227	
34.461	1.015	14.752							
11/10/2016 10:05:00 PM	86700.000	72.859	17.994	166.067	29025.063	33509.113	21.159	22786.197	
34.453	1.015	14.752							
11/10/2016 10:10:00 PM	87000.000	72.860	17.993	166.071	29034.191	33520.176	21.167	22793.723	
34.442	1.015	14.752							
11/10/2016 10:15:00 PM	87300.000	72.856	17.993	166.062	29027.783	33512.645	21.162	22788.600	
34.450	1.015	14.752							
11/10/2016 10:20:00 PM	87600.000	72.857	17.993	166.064	29032.131	33518.117	21.165	22792.322	
34.445	1.015	14.751							
11/10/2016 10:25:00 PM	87900.000	72.860	17.993	166.070	29027.170	33511.871	21.161	22788.072	
34.450	1.015	14.750							
11/10/2016 10:30:00 PM	88200.000	72.862	17.993	166.074	29019.322	33503.012	21.155	22782.049	
34.460	1.015	14.749							
11/10/2016 10:35:00 PM	88500.000	72.852	17.993	166.053	29023.367	33507.871	21.158	22785.355	
34.455	1.015	14.751							
11/10/2016 10:40:00 PM	88800.000	72.849	17.993	166.044	29032.678	33518.430	21.166	22792.533	
34.444	1.015	14.753							
11/10/2016 10:45:00 PM	89100.000	72.845	17.994	166.035	29016.947	33500.004	21.153	22780.002	
34.463	1.015	14.754							
11/10/2016 10:50:00 PM	89400.000	72.840	17.993	166.025	29021.227	33505.012	21.156	22783.408	
34.458	1.015	14.754							
11/10/2016 10:55:00 PM	89700.000	72.840	17.993	166.025	29020.096	33503.828	21.155	22782.604	
34.459	1.015	14.754							
11/10/2016 11:00:00 PM	90000.000	72.839	17.993	166.024	29032.549	33518.145	21.165	22792.340	
34.444	1.015	14.754							
11/10/2016 11:05:00 PM	90300.000	72.840	17.993	166.024	29024.496	33508.984	21.159	22786.109	
34.454	1.015	14.753							
11/10/2016 11:10:00 PM	90600.000	72.839	17.993	166.023	29030.318	33515.828	21.164	22790.764	
34.447	1.015	14.752							
11/10/2016 11:15:00 PM	90900.000	72.834	17.993	166.011	29033.408	33519.328	21.166	22793.145	
34.443	1.015	14.751							
11/10/2016 11:20:00 PM	91200.000	72.834	17.993	166.011	29012.367	33494.906	21.149	22776.539	
34.468	1.015	14.753							
11/10/2016 11:25:00 PM	91500.000	72.829	17.994	165.999	29040.037	33526.531	21.171	22798.043	
34.435	1.015	14.756							
11/10/2016 11:30:00 PM	91800.000	72.806	17.994	165.946	29021.318	33504.992	21.156	22783.396	
34.457	1.015	14.758							
11/10/2016 11:35:00 PM	92100.000	72.827	17.994	165.995	29024.311	33508.504	21.159	22785.783	
34.454	1.015	14.758							
11/10/2016 11:40:00 PM	92400.000	72.825	17.993	165.990	29017.701	33501.387	21.154	22780.945	
34.462	1.015	14.757							
11/10/2016 11:45:00 PM	92700.000	72.820	17.994	165.979	29044.264	33531.410	21.175	22801.361	
34.430	1.015	14.757							
11/10/2016 11:50:00 PM	93000.000	72.819	17.993	165.978	29032.592	33518.523	21.166	22792.598	
34.444	1.015	14.757							

11/10/2016 11:55:00 PM	93300.000	72.818	17.993	165.976	29017.848	33501.555	21.154	22781.057	34.462
11/11/2016 12:00:00 AM	93600.000	72.820	17.993	165.979	29030.146	33515.508	21.164	22790.547	34.447
11/11/2016 12:05:00 AM	93900.000	72.819	17.993	165.976	29031.104	33516.414	21.164	22791.162	34.446
11/11/2016 12:10:00 AM	94200.000	72.812	17.993	165.961	29038.752	33525.367	21.170	22797.250	34.437
11/11/2016 12:15:00 AM	94500.000	72.807	17.993	165.949	29040.205	33527.313	21.172	22798.572	34.435
11/11/2016 12:20:00 AM	94800.000	72.810	17.993	165.957	29024.502	33508.918	21.159	22786.066	34.454
11/11/2016 12:25:00 AM	95100.000	72.806	17.993	165.948	29016.734	33500.461	21.153	22780.314	34.463
11/11/2016 12:30:00 AM	95400.000	72.803	17.993	165.941	29034.623	33520.602	21.167	22794.010	34.442
11/11/2016 12:35:00 AM	95700.000	72.805	17.993	165.946	29021.061	33505.074	21.156	22783.453	34.458
11/11/2016 12:40:00 AM	96000.000	72.805	17.994	165.944	29032.375	33517.688	21.165	22792.029	34.444
11/11/2016 12:45:00 AM	96300.000	72.807	17.993	165.949	29030.326	33515.961	21.164	22790.855	34.447
11/11/2016 12:50:00 AM	96600.000	72.800	17.994	165.933	29035.344	33520.918	21.167	22794.227	34.441
11/11/2016 12:55:00 AM	96900.000	72.799	17.993	165.931	29014.309	33497.086	21.151	22778.021	34.466
11/11/2016 1:00:00 AM	97200.000	72.795	17.993	165.922	29038.053	33524.883	21.170	22796.920	34.438
11/11/2016 1:05:00 AM	97500.000	72.794	17.993	165.920	29032.941	33518.855	21.166	22792.824	34.444
11/11/2016 1:10:00 AM	97800.000	72.792	17.993	165.916	29017.086	33500.621	21.153	22780.422	34.462
11/11/2016 1:15:00 AM	98100.000	72.789	17.993	165.908	29027.338	33512.129	21.161	22788.250	34.450
11/11/2016 1:20:00 AM	98400.000	72.787	17.993	165.903	29019.859	33503.879	21.155	22782.641	34.459
11/11/2016 1:25:00 AM	98700.000	72.785	17.993	165.900	29032.225	33518.152	21.165	22792.346	34.444
11/11/2016 1:30:00 AM	99000.000	72.789	17.993	165.909	29035.461	33521.508	21.168	22794.627	34.441
11/11/2016 1:35:00 AM	99300.000	72.789	17.993	165.909	29013.100	33496.203	21.150	22777.418	34.467
11/11/2016 1:40:00 AM	99600.000	72.792	17.993	165.915	29026.322	33511.215	21.161	22787.629	34.451
11/11/2016 1:45:00 AM	99900.000	72.772	17.993	165.870	29031.789	33517.527	21.165	22791.920	34.445
11/11/2016 1:50:00 AM	100200.000	72.785	17.993	165.900	29045.813	33533.648	21.176	22802.881	34.428
11/11/2016 1:55:00 AM	100500.000	72.779	17.993	165.887	29030.877	33516.543	21.164	22791.250	34.446
11/11/2016 2:00:00 AM	100800.000	72.780	17.993	165.887	29026.971	33511.766	21.161	22788.002	34.451
11/11/2016 2:05:00 AM	101100.000	72.782	17.993	165.892	29039.809	33526.785	21.171	22798.217	34.435
11/11/2016 2:10:00 AM	101400.000	72.781	17.993	165.891	29042.781	33530.020	21.174	22800.414	34.432
11/11/2016 2:15:00 AM	101700.000	72.765	17.993	165.855	29036.293	33522.531	21.168	22795.322	34.440
11/11/2016 2:20:00 AM	102000.000	72.782	17.993	165.892	29029.268	33514.492	21.163	22789.855	34.448
11/11/2016 2:25:00 AM	102300.000	72.785	17.993	165.898	29032.643	33518.254	21.165	22792.414	34.444
11/11/2016 2:30:00 AM	102600.000	72.783	17.993	165.894	29040.582	33527.418	21.172	22798.645	34.435
11/11/2016 2:35:00 AM	102900.000	72.758	17.993	165.838	29029.551	33514.621	21.163	22789.943	34.448
11/11/2016 2:40:00 AM	103200.000	72.775	17.993	165.878	29026.912	33511.637	21.161	22787.914	34.451
11/11/2016 2:45:00 AM	103500.000	72.776	17.993	165.879	29022.854	33507.145	21.158	22784.861	34.456
11/11/2016 2:50:00 AM	103800.000	72.776	17.993	165.879	29034.057	33520.145	21.167	22793.701	34.442
11/11/2016 2:55:00 AM	104100.000	72.775	17.993	165.877	29027.512	33512.520	21.161	22788.516	34.450
11/11/2016 3:00:00 AM	104400.000	72.778	17.993	165.883	29024.047	33508.520	21.159	22785.793	34.454
11/11/2016 3:05:00 AM	104700.000	72.781	17.993	165.891	29037.109	33523.410	21.169	22795.922	34.439
11/11/2016 3:10:00 AM	105000.000	72.784	17.993	165.898	29032.135	33517.801	21.165	22792.107	34.445
11/11/2016 3:15:00 AM	105300.000	72.781	17.993	165.890	29028.049	33513.277	21.162	22789.029	34.449
11/11/2016 3:20:00 AM	105600.000	72.781	17.993	165.890	29033.619	33519.570	21.166	22793.311	34.443
11/11/2016 3:25:00 AM	105900.000	72.776	17.993	165.879	29033.801	33519.590	21.166	22793.324	34.443
11/11/2016 3:30:00 AM	106200.000	72.775	17.993	165.876	29032.629	33518.496	21.166	22792.580	34.444
11/11/2016 3:35:00 AM	106500.000	72.785	17.993	165.899	29026.299	33511.066	21.160	22787.527	34.452
11/11/2016 3:40:00 AM	106800.000	72.784	17.993	165.898	29022.582	33506.637	21.157	22784.516	34.456
11/11/2016 3:45:00 AM	107100.000	72.789	17.993	165.908	29002.074	33483.152	21.141	22768.543	34.480
11/11/2016 3:50:00 AM	107400.000	72.789	17.993	165.908	29022.316	33506.789	21.157	22784.619	34.456
11/11/2016 3:55:00 AM	107700.000	72.773	17.993	165.872	29019.020	33502.586	21.155	22781.760	34.460
11/11/2016 4:00:00 AM	108000.000	72.790	17.994	165.910	29026.023	33510.426	21.160	22787.090	34.452
11/11/2016 4:05:00 AM	108300.000	72.795	17.993	165.922	29032.070	33517.785	21.165	22792.096	34.445
11/11/2016 4:10:00 AM	108600.000	72.798	17.993	165.928	29021.750	33505.813	21.157	22783.955	34.457
11/11/2016 4:15:00 AM	108900.000	72.801	17.993	165.936	29048.357	33536.723	21.178	22804.973	34.425
11/11/2016 4:20:00 AM	109200.000	72.801	17.993	165.936	29033.254	33519.020	21.166	22792.934	34.443
11/11/2016 4:25:00 AM	109500.000	72.800	17.993	165.934	29043.449	33530.793	21.174	22800.941	34.431
11/11/2016 4:30:00 AM	109800.000	72.802	17.993	165.938	29019.961	33503.871	21.155	22782.635	34.459
11/11/2016 4:35:00 AM	110100.000	72.804	17.993	165.943	29032.404	33518.113	21.165	22792.318	34.444
11/11/2016 4:40:00 AM	110400.000	72.806	17.993	165.947	29024.791	33509.125	21.159	22786.205	34.453
11/11/2016 4:45:00 AM	110700.000	72.811	17.993	165.958	29025.803	33510.684	21.160	22787.266	34.452
11/11/2016 4:50:00 AM	111000.000	72.803	17.993	165.941	29041.361	33528.578	21.173	22799.436	34.434
11/11/2016 4:55:00 AM	111300.000	72.811	17.993	165.960	29028.061	33513.098	21.162	22788.908	34.449
11/11/2016 5:00:00 AM	111600.000	72.808	17.993	165.951	29031.691	33517.480	21.165	22791.887	34.445
11/11/2016 5:05:00 AM	111900.000	72.794	17.993	165.920	29030.635	33515.934	21.164	22790.836	34.446
11/11/2016 5:10:00 AM	112200.000	72.820	17.993	165.978	29032.293	33517.984	21.165	22792.230	34.444
11/11/2016 5:15:00 AM	112500.000	72.826	17.993	165.992	29026.791	33511.824	21.161	22788.043	34.451
11/11/2016 5:20:00 AM	112800.000	72.832	17.994	166.007	29021.023	33504.328	21.156	22782.943	34.458
11/11/2016 5:25:00 AM	113100.000	72.828	17.993	165.998	29023.123	33507.453	21.158	22785.068	

34.455	1.015	14.746							
11/11/2016 5:30:00 AM	113400.000	72.832	17.993	166.006	29024.137	33508.434	21.159	22785.736	
34.454	1.015	14.746							
11/11/2016 5:35:00 AM	113700.000	72.832	17.993	166.006	29037.707	33524.160	21.170	22796.430	
34.438	1.015	14.748							
11/11/2016 5:40:00 AM	114000.000	72.830	17.993	166.001	29033.322	33519.039	21.166	22792.947	
34.443	1.015	14.749							
11/11/2016 5:45:00 AM	114300.000	72.834	17.993	166.011	29033.744	33519.852	21.167	22793.500	
34.443	1.015	14.751							
11/11/2016 5:50:00 AM	114600.000	72.843	17.993	166.031	29035.783	33521.941	21.168	22794.922	
34.440	1.015	14.748							
11/11/2016 5:55:00 AM	114900.000	72.825	17.993	165.990	29026.459	33511.371	21.161	22787.732	
34.451	1.015	14.744							
11/11/2016 6:00:00 AM	115200.000	72.850	17.993	166.048	29021.783	33505.852	21.157	22783.979	
34.457	1.015	14.741							
11/11/2016 6:05:00 AM	115500.000	72.854	17.993	166.057	29029.520	33514.977	21.163	22790.184	
34.448	1.015	14.743							
11/11/2016 6:10:00 AM	115800.000	72.854	17.993	166.056	29029.529	33514.852	21.163	22790.100	
34.448	1.015	14.744							
11/11/2016 6:15:00 AM	116100.000	72.861	17.993	166.072	29025.932	33510.566	21.160	22787.188	
34.452	1.015	14.745							
11/11/2016 6:20:00 AM	116400.000	72.860	17.993	166.071	29033.566	33519.258	21.166	22793.096	
34.443	1.015	14.747							
11/11/2016 6:25:00 AM	116700.000	72.864	17.993	166.079	29024.367	33508.957	21.159	22786.092	
34.454	1.015	14.749							
11/11/2016 6:30:00 AM	117000.000	72.862	17.993	166.075	29016.830	33500.188	21.153	22780.129	
34.463	1.015	14.750							
11/11/2016 6:35:00 AM	117300.000	72.864	17.993	166.080	29022.602	33506.660	21.157	22784.531	
34.456	1.015	14.751							
11/11/2016 6:40:00 AM	117600.000	72.865	17.994	166.081	29023.199	33507.164	21.158	22784.871	
34.455	1.015	14.752							
11/11/2016 6:45:00 AM	117900.000	72.861	17.993	166.073	29028.188	33513.047	21.162	22788.873	
34.449	1.015	14.753							
11/11/2016 6:50:00 AM	118200.000	72.867	17.994	166.087	29025.297	33509.586	21.159	22786.520	
34.453	1.015	14.754							
11/11/2016 6:55:00 AM	118500.000	72.869	17.993	166.090	29037.313	33523.781	21.169	22796.174	
34.438	1.015	14.754							
11/11/2016 7:00:00 AM	118800.000	72.872	17.993	166.098	29005.832	33487.559	21.144	22771.541	
34.476	1.015	14.755							
11/11/2016 7:05:00 AM	119100.000	72.874	17.993	166.103	29027.551	33512.566	21.161	22788.545	
34.450	1.015	14.755							
11/11/2016 7:10:00 AM	119400.000	72.880	17.993	166.116	29026.367	33511.336	21.161	22787.711	
34.451	1.015	14.755							
11/11/2016 7:15:00 AM	119700.000	72.865	17.993	166.082	29031.301	33516.766	21.164	22791.400	
34.446	1.015	14.754							
11/11/2016 7:20:00 AM	120000.000	72.889	17.993	166.136	29029.346	33514.383	21.163	22789.781	
34.448	1.015	14.755							
11/11/2016 7:25:00 AM	120300.000	72.885	17.993	166.128	29012.117	33494.555	21.149	22776.299	
34.468	1.015	14.755							
11/11/2016 7:30:00 AM	120600.000	72.888	17.993	166.134	29028.643	33514.090	21.163	22789.584	
34.449	1.015	14.756							
11/11/2016 7:35:00 AM	120900.000	72.892	17.993	166.143	29027.393	33512.383	21.161	22788.422	
34.450	1.015	14.756							
11/11/2016 7:40:00 AM	121200.000	72.891	17.993	166.142	29018.496	33502.250	21.154	22781.531	
34.461	1.015	14.756							
11/11/2016 7:45:00 AM	121500.000	72.892	17.993	166.142	29029.482	33514.742	21.163	22790.025	
34.448	1.015	14.756							
11/11/2016 7:50:00 AM	121800.000	72.897	17.993	166.156	29019.232	33502.906	21.155	22781.977	
34.460	1.015	14.755							
11/11/2016 7:55:00 AM	122100.000	72.877	17.993	166.109	29016.258	33499.473	21.152	22779.645	
34.463	1.015	14.754							
11/11/2016 8:00:00 AM	122400.000	72.899	17.993	166.160	29046.041	33533.785	21.176	22802.977	
34.428	1.015	14.753							
11/11/2016 8:05:00 AM	122700.000	72.896	17.993	166.153	29032.787	33518.746	21.166	22792.750	
34.444	1.015	14.756							
11/11/2016 8:10:00 AM	123000.000	72.898	17.993	166.157	29037.986	33524.750	21.170	22796.832	
34.438	1.015	14.760							
11/11/2016 8:15:00 AM	123300.000	72.896	17.993	166.152	29019.344	33502.836	21.155	22781.930	
34.460	1.015	14.764							
11/11/2016 8:20:00 AM	123600.000	72.903	17.993	166.169	29023.488	33507.684	21.158	22785.225	
34.455	1.015	14.763							
11/11/2016 8:25:00 AM	123900.000	72.903	17.993	166.168	29032.076	33517.789	21.165	22792.100	
34.445	1.015	14.761							
11/11/2016 8:30:00 AM	124200.000	72.904	17.993	166.171	29041.063	33527.910	21.172	22798.979	
34.434	1.015	14.760							
11/11/2016 8:35:00 AM	124500.000	72.912	17.993	166.188	29034.805	33520.887	21.167	22794.205	
34.441	1.015	14.759							
11/11/2016 8:40:00 AM	124800.000	72.913	17.993	166.191	29028.203	33513.387	21.162	22789.104	
34.449	1.015	14.759							
11/11/2016 8:45:00 AM	125100.000	72.913	17.993	166.192	29030.381	33515.832	21.164	22790.766	
34.447	1.015	14.758							
11/11/2016 8:50:00 AM	125400.000	72.913	17.993	166.191	29039.695	33526.531	21.171	22798.043	
34.436	1.015	14.758							
11/11/2016 8:55:00 AM	125700.000	72.914	17.993	166.193	29045.688	33533.313	21.176	22802.654	
34.429	1.015	14.759							
11/11/2016 9:00:00 AM	126000.000	72.912	17.994	166.190	29049.273	33537.324	21.179	22805.381	
34.424	1.015	14.759							
11/11/2016 9:05:00 AM	126300.000	72.915	17.993	166.196	29028.895	33513.863	21.162	22789.430	
34.448	1.015	14.762							
11/11/2016 9:10:00 AM	126600.000	72.909	17.993	166.181	29019.342	33503.156	21.155	22782.148	
34.460	1.015	14.765							
11/11/2016 9:15:00 AM	126900.000	72.907	17.993	166.177	29033.271	33519.043	21.166	22792.949	
34.443	1.015	14.768							
11/11/2016 9:20:00 AM	127200.000	72.904	17.993	166.172	29030.492	33515.707	21.164	22790.682	
34.447	1.015	14.767							
11/11/2016 9:25:00 AM	127500.000	72.909	17.993	166.181	29022.635	33506.699	21.157	22784.557	
34.456	1.015	14.766							
11/11/2016 9:30:00 AM	127800.000	72.913	17.994	166.190	29035.965	33521.961	21.168	22794.936	
34.440	1.015	14.765							
11/11/2016 9:35:00 AM	128100.000	72.903	17.993	166.169	29014.498	33497.496	21.151	22778.297	
34.466	1.015	14.766							
11/11/2016 9:40:00 AM	128400.000	72.904	17.994	166.171	29031.043	33516.277	21.164	22791.068	
34.446	1.015	14.766							
11/11/2016 9:45:00 AM	128700.000	72.908	17.993	166.180	29016.063	33499.109	21.152	22779.396	
34.464	1.015	14.766							
11/11/2016 9:50:00 AM	129000.000	72.888	17.993	166.134	29022.049	33506.160	21.157	22784.191	
34.457	1.015	14.766							
11/11/2016 9:55:00 AM	129300.000	72.907	17.993	166.177	29019.252	33502.730	21.155	22781.859	
34.460	1.015	14.766							
11/11/2016 10:00:00 AM	129600.000	72.905	17.994	166.174	29028.057	33512.828	21.162	22788.723	
34.449	1.015	14.766							
11/11/2016 10:05:00 AM	129900.000	72.911	17.994	166.187	29018.049	33500.891	21.153	22780.607	
34.461	1.015	14.764							
11/11/2016 10:10:00 AM	130200.000	72.909	17.994	166.183	29037.494	33523.727	21.169	22796.135	
34.438	1.015	14.762							
11/11/2016 10:15:00 AM	130500.000	72.918	17.993	166.202	29043.037	33530.191	21.174	22800.531	
34.432	1.015	14.760							
11/11/2016 10:20:00 AM	130800.000	72.912	17.993	166.188	29026.674	33511.496	21.161	22787.818	
34.451	1.015	14.760							
11/11/2016 10:25:00 AM	131100.000	72.909	17.993	166.183	29026.566	33511.375	21.161	22787.734	
34.451	1.015	14.759							
11/11/2016 10:30:00 AM	131400.000	72.909	17.993	166.181	29013.563	33496.551	21.150	22777.654	
34.467	1.015	14.759							
11/11/2016 10:35:00 AM	131700.000	72.907	17.993	166.178	29025.742	33510.543	21.160	22787.170	
34.452	1.015	14.759							
11/11/2016 10:40:00 AM	132000.000	72.907	17.993	166.177	29022.775	33507.051	21.158	22784.795	
34.456	1.015	14.759							
11/11/2016 10:45:00 AM	132300.000	72.905	17.993	166.173	29020.637	33504.527	21.156	22783.080	
34.458	1.015	14.759							
11/11/2016 10:50:00 AM	132600.000	72.903	17.993	166.169	29034.111	33520.406	21.167	22793.879	
34.442	1.015	14.761							
11/11/2016 10:55:00 AM	132900.000	72.899	17.993	166.160	29021.334	33505.387	21.156	22783.664	
34.457	1.015	14.762							

11/11/2016 11:00:00 AM	133200.000	72.897	17.993	166.155	29025.484	33510.125	21.160	22786.887	34.452
11/11/2016 11:05:00 AM	133500.000	72.878	17.993	166.110	29026.055	33510.711	21.160	22787.285	34.452
11/11/2016 11:10:00 AM	133800.000	72.895	17.993	166.151	29024.693	33509.457	21.159	22786.432	34.453
11/11/2016 11:15:00 AM	134100.000	72.898	17.993	166.157	29030.938	33516.285	21.164	22791.074	34.446
11/11/2016 11:20:00 AM	134400.000	72.894	17.993	166.147	29027.188	33511.953	21.161	22788.129	34.450
11/11/2016 11:25:00 AM	134700.000	72.889	17.993	166.137	29028.924	33514.023	21.162	22789.537	34.448
11/11/2016 11:30:00 AM	135000.000	72.887	17.993	166.132	29017.383	33501.148	21.154	22780.783	34.462
11/11/2016 11:35:00 AM	135300.000	72.885	17.993	166.127	29035.750	33521.902	21.168	22794.895	34.440
11/11/2016 11:40:00 AM	135600.000	72.865	17.993	166.081	29020.412	33504.070	21.156	22782.768	34.459
11/11/2016 11:45:00 AM	135900.000	72.880	17.993	166.117	29025.938	33510.770	21.160	22787.324	34.452
11/11/2016 11:50:00 AM	136200.000	72.882	17.993	166.121	29023.867	33508.379	21.159	22785.697	34.454
11/11/2016 11:55:00 AM	136500.000	72.883	17.993	166.123	29027.479	33512.480	21.161	22788.486	34.450
11/11/2016 12:00:00 PM	136800.000	72.860	17.993	166.071	29030.682	33516.316	21.164	22791.098	34.446
11/11/2016 12:05:00 PM	137100.000	72.880	17.993	166.116	29030.783	33516.297	21.164	22791.082	34.446
11/11/2016 12:10:00 PM	137400.000	72.869	17.993	166.091	29022.617	33506.816	21.157	22784.635	34.456
11/11/2016 12:15:00 PM	137700.000	72.871	17.993	166.097	29024.814	33509.598	21.159	22786.527	34.453
11/11/2016 12:20:00 PM	138000.000	72.864	17.993	166.079	29048.586	33537.043	21.178	22805.191	34.425
11/11/2016 12:25:00 PM	138300.000	72.860	17.993	166.071	29021.318	33505.180	21.156	22783.521	34.457
11/11/2016 12:30:00 PM	138600.000	72.858	17.993	166.066	29026.955	33512.016	21.161	22788.172	34.451
11/11/2016 12:35:00 PM	138900.000	72.853	17.992	166.055	29024.803	33509.906	21.160	22786.738	34.453
11/11/2016 12:40:00 PM	139200.000	72.851	17.993	166.049	29036.488	33522.883	21.169	22795.561	34.439
11/11/2016 12:45:00 PM	139500.000	72.859	17.993	166.067	29027.053	33511.738	21.161	22787.982	34.451
11/11/2016 12:50:00 PM	139800.000	72.849	17.993	166.045	29009.871	33491.965	21.147	22774.537	34.471
11/11/2016 12:55:00 PM	140100.000	72.849	17.993	166.046	29024.107	33508.535	21.159	22785.807	34.454
11/11/2016 1:00:00 PM	140400.000	72.844	17.993	166.034	29024.205	33508.574	21.159	22785.832	34.454
11/11/2016 1:05:00 PM	140700.000	72.846	17.993	166.038	29034.662	33520.844	21.167	22794.174	34.442
11/11/2016 1:10:00 PM	141000.000	72.842	17.993	166.030	29022.709	33506.922	21.158	22784.709	34.456
11/11/2016 1:15:00 PM	141300.000	72.837	17.993	166.018	29042.125	33529.262	21.173	22799.900	34.433
11/11/2016 1:20:00 PM	141600.000	72.814	17.993	165.965	29032.441	33518.082	21.165	22792.297	34.444
11/11/2016 1:25:00 PM	141900.000	72.833	17.993	166.010	29022.432	33506.848	21.157	22784.656	34.456
11/11/2016 1:30:00 PM	142200.000	72.824	17.994	165.989	29019.127	33502.391	21.154	22781.625	34.460
11/11/2016 1:35:00 PM	142500.000	72.807	17.993	165.949	29024.928	33509.480	21.159	22786.447	34.453
11/11/2016 1:40:00 PM	142800.000	72.820	17.994	165.978	29039.088	33525.566	21.171	22797.387	34.436
11/11/2016 1:45:00 PM	143100.000	72.822	17.993	165.984	29020.666	33504.809	21.156	22783.270	34.458
11/11/2016 1:50:00 PM	143400.000	72.812	17.994	165.962	29033.506	33519.063	21.166	22792.963	34.443
11/11/2016 1:55:00 PM	143700.000	72.791	17.993	165.914	29024.783	33509.316	21.159	22786.336	34.453
11/11/2016 2:00:00 PM	144000.000	72.786	17.993	165.901	29034.557	33520.523	21.167	22793.959	34.442
11/11/2016 2:05:00 PM	144300.000	72.811	17.994	165.958	29032.410	33517.727	21.165	22792.055	34.444
11/11/2016 2:10:00 PM	144600.000	72.814	17.993	165.967	29033.680	33519.777	21.166	22793.449	34.443
11/11/2016 2:15:00 PM	144900.000	72.823	17.993	165.986	29026.324	33511.094	21.160	22787.547	34.451
11/11/2016 2:20:00 PM	145200.000	72.817	17.993	165.973	29036.658	33523.023	21.169	22795.658	34.439
11/11/2016 2:25:00 PM	145500.000	72.806	17.993	165.948	29028.217	33513.473	21.162	22789.164	34.449
11/11/2016 2:30:00 PM	145800.000	72.801	17.993	165.936	29016.646	33500.168	21.153	22780.117	34.463
11/11/2016 2:35:00 PM	146100.000	72.800	17.993	165.934	29030.418	33515.746	21.164	22790.709	34.447
11/11/2016 2:40:00 PM	146400.000	72.799	17.993	165.931	29020.064	33503.867	21.155	22782.633	34.459
11/11/2016 2:45:00 PM	146700.000	72.802	17.993	165.937	29034.422	33520.691	21.167	22794.070	34.442
11/11/2016 2:50:00 PM	147000.000	72.795	17.993	165.921	29023.658	33508.137	21.158	22785.533	34.455
11/11/2016 2:55:00 PM	147300.000	72.789	17.993	165.908	29014.840	33497.891	21.151	22778.568	34.465
11/11/2016 3:00:00 PM	147600.000	72.791	17.993	165.913	29037.971	33524.465	21.170	22796.639	34.438
11/11/2016 3:05:00 PM	147900.000	72.792	17.993	165.915	29027.246	33512.086	21.161	22788.219	34.450
11/11/2016 3:10:00 PM	148200.000	72.787	17.993	165.904	29039.754	33526.402	21.171	22797.955	34.436
11/11/2016 3:15:00 PM	148500.000	72.793	17.993	165.918	29024.242	33508.617	21.159	22785.859	34.454
11/11/2016 3:20:00 PM	148800.000	72.789	17.993	165.908	29042.254	33529.539	21.173	22800.088	34.433
11/11/2016 3:25:00 PM	149100.000	72.789	17.993	165.908	29019.873	33503.770	21.155	22782.566	34.459
11/11/2016 3:30:00 PM	149400.000	72.770	17.993	165.865	29020.219	33503.910	21.155	22782.660	34.459
11/11/2016 3:35:00 PM	149700.000	72.785	17.993	165.900	29002.521	33483.477	21.141	22768.764	34.480
11/11/2016 3:40:00 PM	150000.000	72.783	17.993	165.896	29041.188	33528.445	21.172	22799.346	34.434
11/11/2016 3:45:00 PM	150300.000	72.782	17.993	165.892	29028.658	33513.844	21.162	22789.416	34.449
11/11/2016 3:50:00 PM	150600.000	72.783	17.993	165.896	29034.504	33520.660	21.167	22794.051	34.442
11/11/2016 3:55:00 PM	150900.000	72.786	17.993	165.902	29044.248	33531.715	21.175	22801.566	34.430
11/11/2016 4:00:00 PM	151200.000	72.791	17.993	165.913	29020.684	33504.773	21.156	22783.246	34.458
11/11/2016 4:05:00 PM	151500.000	72.785	17.993	165.899	29019.498	33503.141	21.155	22782.137	34.460
11/11/2016 4:10:00 PM	151800.000	72.787	17.994	165.903	29020.781	33504.371	21.156	22782.975	34.458
11/11/2016 4:15:00 PM	152100.000	72.786	17.993	165.901	29021.119	33504.949	21.156	22783.367	34.458
11/11/2016 4:20:00 PM	152400.000	72.788	17.993	165.907	29029.648	33514.797	21.163	22790.064	34.448
11/11/2016 4:25:00 PM	152700.000	72.785	17.993	165.900	29029.883	33515.066	21.163	22790.246	34.447
11/11/2016 4:30:00 PM	153000.000	72.788	17.993	165.907	29035.838	33521.941	21.168	22794.922	

34.440	1.015	14.765						
11/11/2016 4:35:00 PM	153300.000	72.786	17.993	165.902	29025.764	33510.504	21.160	22787.145
34.452	1.015	14.767						
11/11/2016 4:40:00 PM	153600.000	72.789	17.993	165.910	29022.180	33506.629	21.157	22784.510
34.456	1.015	14.769						
11/11/2016 4:45:00 PM	153900.000	72.787	17.993	165.905	29020.771	33504.484	21.156	22783.051
34.458	1.015	14.771						
11/11/2016 4:50:00 PM	154200.000	72.784	17.993	165.897	29027.797	33512.660	21.162	22788.611
34.450	1.015	14.770						
11/11/2016 4:55:00 PM	154500.000	72.787	17.993	165.903	29030.936	33516.609	21.164	22791.297
34.446	1.015	14.769						
11/11/2016 5:00:00 PM	154800.000	72.776	17.993	165.878	29032.783	33518.414	21.166	22792.521
34.444	1.015	14.769						
11/11/2016 5:05:00 PM	155100.000	72.796	17.993	165.924	29028.504	33513.734	21.162	22789.342
34.449	1.015	14.769						
11/11/2016 5:10:00 PM	155400.000	72.794	17.994	165.920	29020.746	33504.332	21.156	22782.945
34.458	1.015	14.770						
11/11/2016 5:15:00 PM	155700.000	72.795	17.993	165.923	29025.432	33509.988	21.160	22786.795
34.453	1.015	14.770						
11/11/2016 5:20:00 PM	156000.000	72.791	17.993	165.912	29034.342	33520.277	21.167	22793.791
34.442	1.015	14.771						
11/11/2016 5:25:00 PM	156300.000	72.795	17.993	165.922	29023.289	33507.711	21.158	22785.246
34.455	1.015	14.772						
11/11/2016 5:30:00 PM	156600.000	72.798	17.993	165.929	29040.479	33527.438	21.172	22798.658
34.435	1.015	14.773						
11/11/2016 5:35:00 PM	156900.000	72.801	17.993	165.937	29035.135	33521.191	21.167	22794.410
34.441	1.015	14.774						
11/11/2016 5:40:00 PM	157200.000	72.796	17.993	165.926	29023.271	33507.570	21.158	22785.148
34.455	1.015	14.774						
11/11/2016 5:45:00 PM	157500.000	72.800	17.993	165.934	29025.143	33509.852	21.160	22786.701
34.453	1.015	14.775						
11/11/2016 5:50:00 PM	157800.000	72.795	17.993	165.923	29025.990	33510.574	21.160	22787.193
34.452	1.015	14.777						
11/11/2016 5:55:00 PM	158100.000	72.801	17.993	165.936	29026.295	33510.863	21.160	22787.389
34.452	1.015	14.778						
11/11/2016 6:00:00 PM	158400.000	72.799	17.993	165.932	29012.793	33495.664	21.150	22777.055
34.468	1.015	14.780						
11/11/2016 6:05:00 PM	158700.000	72.806	17.993	165.947	29029.508	33514.961	21.163	22790.174
34.448	1.015	14.779						
11/11/2016 6:10:00 PM	159000.000	72.808	17.993	165.952	29031.539	33517.043	21.165	22791.592
34.445	1.015	14.779						
11/11/2016 6:15:00 PM	159300.000	72.789	17.993	165.909	29040.945	33528.031	21.172	22799.061
34.434	1.015	14.778						
11/11/2016 6:20:00 PM	159600.000	72.810	17.993	165.958	29028.598	33513.719	21.162	22789.330
34.449	1.015	14.778						
11/11/2016 6:25:00 PM	159900.000	72.809	17.993	165.954	29029.943	33515.137	21.163	22790.295
34.447	1.015	14.778						
11/11/2016 6:30:00 PM	160200.000	72.813	17.993	165.963	29017.760	33501.207	21.154	22780.820
34.462	1.015	14.778						
11/11/2016 6:35:00 PM	160500.000	72.810	17.993	165.956	29029.137	33514.270	21.163	22789.703
34.448	1.015	14.779						
11/11/2016 6:40:00 PM	160800.000	72.812	17.994	165.960	29034.838	33520.656	21.167	22794.049
34.441	1.015	14.779						
11/11/2016 6:45:00 PM	161100.000	72.817	17.993	165.972	29035.637	33521.648	21.168	22794.721
34.440	1.015	14.779						
11/11/2016 6:50:00 PM	161400.000	72.822	17.993	165.983	29033.303	33519.207	21.166	22793.063
34.443	1.015	14.777						
11/11/2016 6:55:00 PM	161700.000	72.823	17.993	165.987	29020.262	33504.094	21.156	22782.783
34.459	1.015	14.776						
11/11/2016 7:00:00 PM	162000.000	72.826	17.993	165.994	29033.555	33519.633	21.166	22793.350
34.443	1.015	14.775						
11/11/2016 7:05:00 PM	162300.000	72.804	17.993	165.943	29038.830	33525.395	21.170	22797.268
34.437	1.015	14.773						
11/11/2016 7:10:00 PM	162600.000	72.832	17.994	166.007	29024.510	33508.734	21.159	22785.939
34.454	1.015	14.771						
11/11/2016 7:15:00 PM	162900.000	72.829	17.993	166.001	29027.074	33512.207	21.161	22788.301
34.451	1.015	14.770						
11/11/2016 7:20:00 PM	163200.000	72.830	17.994	166.003	29036.281	33522.266	21.168	22795.141
34.440	1.015	14.771						
11/11/2016 7:25:00 PM	163500.000	72.830	17.994	166.002	29026.324	33510.699	21.160	22787.277
34.451	1.015	14.772						
11/11/2016 7:30:00 PM	163800.000	72.826	17.993	165.994	29027.332	33512.449	21.161	22788.465
34.450	1.015	14.773						
11/11/2016 7:35:00 PM	164100.000	72.835	17.993	166.014	29029.693	33514.848	21.163	22790.096
34.447	1.015	14.768						
11/11/2016 7:40:00 PM	164400.000	72.821	17.993	165.981	29024.484	33508.773	21.159	22785.969
34.454	1.015	14.764						
11/11/2016 7:45:00 PM	164700.000	72.849	17.993	166.044	29043.082	33530.563	21.174	22800.785
34.432	1.015	14.759						
11/11/2016 7:50:00 PM	165000.000	72.845	17.993	166.036	29027.305	33512.227	21.161	22788.314
34.450	1.015	14.759						
11/11/2016 7:55:00 PM	165300.000	72.850	17.993	166.048	29027.738	33512.918	21.162	22788.785
34.450	1.015	14.760						
11/11/2016 8:00:00 PM	165600.000	72.845	17.993	166.037	29036.574	33523.121	21.169	22795.723
34.439	1.015	14.761						
11/11/2016 8:05:00 PM	165900.000	72.850	17.993	166.048	29019.004	33502.645	21.155	22781.799
34.460	1.015	14.760						
11/11/2016 8:10:00 PM	166200.000	72.852	17.993	166.051	29026.074	33510.930	21.160	22787.434
34.452	1.015	14.760						
11/11/2016 8:15:00 PM	166500.000	72.828	17.993	165.997	29036.633	33522.996	21.169	22795.637
34.439	1.015	14.759						
11/11/2016 8:20:00 PM	166800.000	72.848	17.993	166.044	29021.746	33506.000	21.157	22784.080
34.457	1.015	14.758						
11/11/2016 8:25:00 PM	167100.000	72.857	17.993	166.064	29029.646	33514.730	21.163	22790.018
34.448	1.015	14.756						
11/11/2016 8:30:00 PM	167400.000	72.859	17.993	166.068	29027.791	33512.980	21.162	22788.828
34.450	1.015	14.754						
11/11/2016 8:35:00 PM	167700.000	72.854	17.993	166.057	29005.945	33487.430	21.144	22771.453
34.476	1.015	14.756						
11/11/2016 8:40:00 PM	168000.000	72.854	17.993	166.058	29036.053	33522.383	21.168	22795.221
34.440	1.015	14.758						
11/11/2016 8:45:00 PM	168300.000	72.855	17.993	166.058	29040.137	33527.234	21.172	22798.521
34.435	1.015	14.761						
11/11/2016 8:50:00 PM	168600.000	72.855	17.993	166.059	29021.607	33505.770	21.157	22783.924
34.457	1.015	14.762						
11/11/2016 8:55:00 PM	168900.000	72.854	17.993	166.056	29024.500	33508.789	21.159	22785.979
34.454	1.015	14.763						
11/11/2016 9:00:00 PM	169200.000	72.834	17.993	166.011	29037.332	33523.996	21.169	22796.320
34.438	1.015	14.764						
11/11/2016 9:05:00 PM	169500.000	72.857	17.994	166.065	29026.705	33511.078	21.160	22787.535
34.451	1.015	14.762						
11/11/2016 9:10:00 PM	169800.000	72.861	17.993	166.074	29029.340	33514.379	21.163	22789.777
34.448	1.015	14.761						
11/11/2016 9:15:00 PM	170100.000	72.860	17.994	166.071	29009.131	33490.719	21.146	22773.691
34.472	1.015	14.759						
11/11/2016 9:20:00 PM	170400.000	72.861	17.993	166.072	29018.283	33501.867	21.154	22781.271
34.461	1.015	14.760						
11/11/2016 9:25:00 PM	170700.000	72.860	17.993	166.069	29028.451	33513.797	21.162	22789.385
34.449	1.015	14.760						
11/11/2016 9:30:00 PM	171000.000	72.861	17.993	166.072	29051.975	33540.508	21.181	22807.547
34.421	1.015	14.760						
11/11/2016 9:35:00 PM	171300.000	72.854	17.994	166.057	29031.658	33516.988	21.165	22791.553
34.445	1.015	14.761						
11/11/2016 9:40:00 PM	171600.000	72.862	17.993	166.076	29032.553	33518.285	21.165	22792.436
34.444	1.015	14.762						
11/11/2016 9:45:00 PM	171900.000	72.866	17.993	166.083	29047.674	33535.934	21.178	22804.436
34.426	1.015	14.762						
11/11/2016 9:50:00 PM	172200.000	72.868	17.993	166.088	29044.623	33532.219	21.175	22801.908
34.430	1.015	14.767						
11/11/2016 9:55:00 PM	172500.000	72.852	17.993	166.052	29027.828	33512.832	21.162	22788.727
34.450	1.015	14.772						
11/11/2016 10:00:00 PM	172800.000	72.863	17.993	166.076	29028.021	33513.176	21.162	22788.959
34.449	1.015	14.777						

11/11/2016 10:05:00 PM	173100.000	72.861	17.993	166.074	29028.021	33513.176	21.162	22788.959	34.449
11/11/2016 10:10:00 PM	173400.000	72.855	17.993	166.060	29031.311	33516.973	21.165	22791.543	34.446
11/11/2016 10:15:00 PM	173700.000	72.859	17.993	166.068	29031.113	33516.625	21.164	22791.305	34.446
11/11/2016 10:20:00 PM	174000.000	72.858	17.993	166.067	29042.039	33529.359	21.173	22799.967	34.433
11/11/2016 10:25:00 PM	174300.000	72.845	17.993	166.036	29038.242	33524.656	21.170	22796.766	34.437
11/11/2016 10:30:00 PM	174600.000	72.865	17.993	166.082	29030.691	33516.512	21.164	22791.229	34.446
11/11/2016 10:35:00 PM	174900.000	72.863	17.993	166.077	29044.270	33531.813	21.175	22801.635	34.430
11/11/2016 10:40:00 PM	175200.000	72.861	17.993	166.072	29032.262	33517.813	21.165	22792.113	34.444
11/11/2016 10:45:00 PM	175500.000	72.860	17.993	166.070	29040.719	33527.906	21.172	22798.977	34.434
11/11/2016 10:50:00 PM	175800.000	72.860	17.994	166.071	29025.719	33510.129	21.160	22786.891	34.452
11/11/2016 10:55:00 PM	176100.000	72.852	17.993	166.052	29037.813	33524.414	21.170	22796.602	34.438
11/11/2016 11:00:00 PM	176400.000	72.853	17.993	166.053	29045.092	33532.953	21.176	22802.410	34.429
11/11/2016 11:05:00 PM	176700.000	72.851	17.993	166.050	29027.604	33512.570	21.161	22788.549	34.450
11/11/2016 11:10:00 PM	177000.000	72.852	17.993	166.053	29013.635	33496.445	21.150	22777.586	34.467
11/11/2016 11:15:00 PM	177300.000	72.852	17.993	166.051	29038.199	33524.730	21.170	22796.818	34.437
11/11/2016 11:20:00 PM	177600.000	72.851	17.994	166.050	29030.773	33515.906	21.164	22790.816	34.446
11/11/2016 11:25:00 PM	177900.000	72.848	17.993	166.044	29044.859	33532.418	21.175	22802.045	34.430
11/11/2016 11:30:00 PM	178200.000	72.846	17.993	166.039	29041.502	33528.617	21.173	22799.459	34.433
11/11/2016 11:35:00 PM	178500.000	72.825	17.993	165.990	29023.793	33508.172	21.158	22785.557	34.454
11/11/2016 11:40:00 PM	178800.000	72.839	17.993	166.023	29038.162	33524.762	21.170	22796.838	34.437
11/11/2016 11:45:00 PM	179100.000	72.841	17.993	166.028	29047.221	33535.082	21.177	22803.855	34.427
11/11/2016 11:50:00 PM	179400.000	72.843	17.994	166.032	29035.703	33521.527	21.168	22794.639	34.440
11/11/2016 11:55:00 PM	179700.000	72.841	17.993	166.028	29027.891	33512.902	21.162	22788.775	34.450
11/12/2016 12:00:00 AM	180000.000	72.817	17.993	165.972	29044.129	33531.453	21.175	22801.391	34.430
11/12/2016 12:05:00 AM	180300.000	72.842	17.993	166.028	29029.775	33515.270	21.163	22790.385	34.447
11/12/2016 12:10:00 AM	180600.000	72.837	17.993	166.018	29031.068	33516.496	21.164	22791.219	34.446
11/12/2016 12:15:00 AM	180900.000	72.839	17.993	166.022	29051.736	33540.359	21.181	22807.445	34.421
11/12/2016 12:20:00 AM	181200.000	72.836	17.993	166.016	29022.227	33506.684	21.157	22784.547	34.456
11/12/2016 12:25:00 AM	181500.000	72.827	17.993	165.996	29018.980	33502.863	21.155	22781.947	34.460
11/12/2016 12:30:00 AM	181800.000	72.833	17.993	166.010	29031.838	33517.652	21.165	22792.006	34.445
11/12/2016 12:35:00 AM	182100.000	72.827	17.993	165.994	29030.662	33516.156	21.164	22790.986	34.446
11/12/2016 12:40:00 AM	182400.000	72.820	17.993	165.980	29022.018	33506.313	21.157	22784.295	34.457
11/12/2016 12:45:00 AM	182700.000	72.820	17.994	165.980	29044.275	33531.555	21.175	22801.459	34.430
11/12/2016 12:50:00 AM	183000.000	72.822	17.994	165.983	29036.477	33522.422	21.168	22795.250	34.439
11/12/2016 12:55:00 AM	183300.000	72.817	17.993	165.973	29035.936	33522.117	21.168	22795.041	34.440
11/12/2016 1:00:00 AM	183600.000	72.824	17.993	165.988	29031.660	33517.574	21.165	22791.951	34.445
11/12/2016 1:05:00 AM	183900.000	72.822	17.993	165.983	29020.324	33504.543	21.156	22783.090	34.459
11/12/2016 1:10:00 AM	184200.000	72.818	17.993	165.974	29033.438	33519.363	21.166	22793.170	34.443
11/12/2016 1:15:00 AM	184500.000	72.788	17.994	165.907	29032.436	33517.883	21.165	22792.162	34.444
11/12/2016 1:20:00 AM	184800.000	72.797	17.994	165.928	29027.875	33512.621	21.162	22788.584	34.450
11/12/2016 1:25:00 AM	185100.000	72.794	17.993	165.919	29035.793	33522.082	21.168	22795.018	34.440
11/12/2016 1:30:00 AM	185400.000	72.811	17.993	165.959	29042.863	33530.246	21.174	22800.570	34.432
11/12/2016 1:35:00 AM	185700.000	72.787	17.994	165.904	29030.357	33515.484	21.164	22790.531	34.447
11/12/2016 1:40:00 AM	186000.000	72.803	17.993	165.941	29033.336	33519.566	21.166	22793.307	34.443
11/12/2016 1:45:00 AM	186300.000	72.805	17.993	165.944	29030.604	33515.836	21.164	22790.771	34.446
11/12/2016 1:50:00 AM	186600.000	72.800	17.993	165.934	29043.529	33531.148	21.174	22801.182	34.431
11/12/2016 1:55:00 AM	186900.000	72.795	17.993	165.923	29026.008	33510.785	21.160	22787.334	34.452
11/12/2016 2:00:00 AM	187200.000	72.797	17.993	165.926	29025.420	33510.172	21.160	22786.918	34.453
11/12/2016 2:05:00 AM	187500.000	72.795	17.993	165.923	29033.525	33519.602	21.166	22793.332	34.443
11/12/2016 2:10:00 AM	187800.000	72.797	17.993	165.926	29045.461	33532.988	21.176	22802.434	34.429
11/12/2016 2:15:00 AM	188100.000	72.804	17.993	165.942	29023.604	33508.145	21.158	22785.539	34.455
11/12/2016 2:20:00 AM	188400.000	72.794	17.993	165.921	29055.213	33544.246	21.183	22810.090	34.417
11/12/2016 2:25:00 AM	188700.000	72.776	17.994	165.879	29035.113	33520.848	21.167	22794.176	34.441
11/12/2016 2:30:00 AM	189000.000	72.793	17.993	165.918	29030.410	33515.738	21.164	22790.705	34.447
11/12/2016 2:35:00 AM	189300.000	72.795	17.993	165.923	29028.883	33514.105	21.163	22789.592	34.448
11/12/2016 2:40:00 AM	189600.000	72.795	17.994	165.922	29034.207	33519.738	21.166	22793.422	34.442
11/12/2016 2:45:00 AM	189900.000	72.794	17.993	165.920	29029.898	33515.023	21.163	22790.219	34.447
11/12/2016 2:50:00 AM	190200.000	72.792	17.993	165.915	29026.539	33511.590	21.161	22787.883	34.451
11/12/2016 2:55:00 AM	190500.000	72.793	17.993	165.918	29032.242	33517.852	21.165	22792.139	34.444
11/12/2016 3:00:00 AM	190800.000	72.792	17.993	165.916	29027.340	33512.129	21.161	22788.250	34.450
11/12/2016 3:05:00 AM	191100.000	72.793	17.994	165.918	29043.457	33530.480	21.174	22800.729	34.431
11/12/2016 3:10:00 AM	191400.000	72.789	17.993	165.908	29040.439	33527.191	21.172	22798.490	34.435
11/12/2016 3:15:00 AM	191700.000	72.797	17.993	165.927	29027.381	33512.242	21.161	22788.324	34.450
11/12/2016 3:20:00 AM	192000.000	72.793	17.993	165.918	29036.244	33522.668	21.168	22795.416	34.440
11/12/2016 3:25:00 AM	192300.000	72.795	17.993	165.923	29035.896	33522.145	21.168	22795.059	34.440
11/12/2016 3:30:00 AM	192600.000	72.792	17.993	165.916	29019.721	33503.398	21.155	22782.313	34.459
11/12/2016 3:35:00 AM	192900.000	72.790	17.993	165.912	29022.602	33506.797	21.157	22784.625	

34.456	1.015	14.783						
11/12/2016 3:40:00 AM	193200.000	72.800	17.994	165.934	29037.494	33523.594	21.169	22796.045
34.438	1.015	14.781						
11/12/2016 3:45:00 AM	193500.000	72.802	17.993	165.937	29024.371	33508.895	21.159	22786.051
34.454	1.015	14.778						
11/12/2016 3:50:00 AM	193800.000	72.800	17.993	165.934	29036.176	33522.523	21.168	22795.316
34.440	1.015	14.780						
11/12/2016 3:55:00 AM	194100.000	72.810	17.994	165.956	29031.266	33516.535	21.164	22791.244
34.446	1.015	14.781						
11/12/2016 4:00:00 AM	194400.000	72.799	17.993	165.931	29024.783	33509.117	21.159	22786.199
34.453	1.015	14.783						
11/12/2016 4:05:00 AM	194700.000	72.796	17.993	165.925	29021.502	33505.328	21.156	22783.625
34.457	1.015	14.783						
11/12/2016 4:10:00 AM	195000.000	72.802	17.993	165.938	29028.699	33513.699	21.162	22789.318
34.449	1.015	14.783						
11/12/2016 4:15:00 AM	195300.000	72.804	17.993	165.942	29020.557	33504.559	21.156	22783.100
34.458	1.015	14.783						
11/12/2016 4:20:00 AM	195600.000	72.808	17.993	165.952	29032.381	33517.887	21.165	22792.166
34.444	1.015	14.783						
11/12/2016 4:25:00 AM	195900.000	72.806	17.993	165.947	29042.398	33529.844	21.173	22800.297
34.432	1.015	14.783						
11/12/2016 4:30:00 AM	196200.000	72.810	17.993	165.957	29027.613	33512.703	21.162	22788.639
34.450	1.015	14.783						
11/12/2016 4:35:00 AM	196500.000	72.806	17.993	165.947	29031.014	33516.883	21.164	22791.480
34.446	1.015	14.783						
11/12/2016 4:40:00 AM	196800.000	72.813	17.994	165.963	29029.801	33514.844	21.163	22790.094
34.447	1.015	14.783						
11/12/2016 4:45:00 AM	197100.000	72.812	17.993	165.960	29038.447	33525.145	21.170	22797.098
34.437	1.015	14.784						
11/12/2016 4:50:00 AM	197400.000	72.814	17.993	165.965	29018.574	33502.203	21.154	22781.500
34.461	1.015	14.782						
11/12/2016 4:55:00 AM	197700.000	72.803	17.994	165.941	29030.955	33516.176	21.164	22791.000
34.446	1.015	14.780						
11/12/2016 5:00:00 AM	198000.000	72.821	17.994	165.983	29032.254	33517.617	21.165	22791.980
34.444	1.015	14.778						
11/12/2016 5:05:00 AM	198300.000	72.819	17.993	165.977	29041.127	33528.305	21.172	22799.250
34.434	1.015	14.780						
11/12/2016 5:10:00 AM	198600.000	72.822	17.993	165.984	29044.412	33531.977	21.175	22801.744
34.430	1.015	14.782						
11/12/2016 5:15:00 AM	198900.000	72.819	17.993	165.977	29039.684	33526.520	21.171	22798.035
34.436	1.015	14.784						
11/12/2016 5:20:00 AM	199200.000	72.824	17.993	165.988	29038.023	33524.848	21.170	22796.898
34.438	1.015	14.782						
11/12/2016 5:25:00 AM	199500.000	72.831	17.993	166.004	29029.447	33514.625	21.163	22789.945
34.448	1.015	14.780						
11/12/2016 5:30:00 AM	199800.000	72.837	17.993	166.017	29026.768	33511.852	21.161	22788.059
34.451	1.015	14.778						
11/12/2016 5:35:00 AM	200100.000	72.844	17.993	166.034	29036.877	33523.598	21.169	22796.047
34.439	1.015	14.777						
11/12/2016 5:40:00 AM	200400.000	72.847	17.993	166.041	29037.699	33524.418	21.170	22796.604
34.438	1.015	14.776						
11/12/2016 5:45:00 AM	200700.000	72.852	17.993	166.053	29031.260	33516.656	21.164	22791.326
34.446	1.015	14.775						
11/12/2016 5:50:00 AM	201000.000	72.844	17.993	166.035	29034.854	33520.996	21.167	22794.279
34.441	1.015	14.781						
11/12/2016 5:55:00 AM	201300.000	72.846	17.993	166.038	29036.807	33523.250	21.169	22795.811
34.439	1.015	14.786						
11/12/2016 6:00:00 AM	201600.000	72.843	17.993	166.031	29025.848	33510.668	21.160	22787.254
34.452	1.015	14.791						
11/12/2016 6:05:00 AM	201900.000	72.850	17.993	166.047	29033.436	33519.816	21.166	22793.477
34.443	1.015	14.789						
11/12/2016 6:10:00 AM	202200.000	72.857	17.993	166.064	29025.893	33510.918	21.160	22787.424
34.452	1.015	14.786						
11/12/2016 6:15:00 AM	202500.000	72.862	17.994	166.075	29035.848	33521.695	21.168	22794.756
34.440	1.015	14.784						
11/12/2016 6:20:00 AM	202800.000	72.842	17.993	166.030	29043.492	33530.840	21.174	22800.973
34.431	1.015	14.785						
11/12/2016 6:25:00 AM	203100.000	72.867	17.993	166.087	29040.912	33527.992	21.172	22799.035
34.434	1.015	14.785						
11/12/2016 6:30:00 AM	203400.000	72.871	17.993	166.096	29036.299	33522.609	21.168	22795.375
34.440	1.015	14.786						
11/12/2016 6:35:00 AM	203700.000	72.856	17.994	166.061	29026.752	33511.195	21.161	22787.615
34.451	1.015	14.787						
11/12/2016 6:40:00 AM	204000.000	72.875	17.993	166.104	29036.441	33522.578	21.168	22795.355
34.439	1.015	14.788						
11/12/2016 6:45:00 AM	204300.000	72.880	17.993	166.115	29028.166	33513.344	21.162	22789.076
34.449	1.015	14.789						
11/12/2016 6:50:00 AM	204600.000	72.881	17.993	166.118	29032.932	33518.777	21.166	22792.770
34.444	1.015	14.790						
11/12/2016 6:55:00 AM	204900.000	72.883	17.993	166.122	29024.408	33508.746	21.159	22785.947
34.454	1.015	14.791						
11/12/2016 7:00:00 AM	205200.000	72.887	17.993	166.132	29035.391	33521.754	21.168	22794.795
34.441	1.015	14.792						
11/12/2016 7:05:00 AM	205500.000	72.891	17.993	166.142	29054.791	33544.082	21.183	22809.979
34.418	1.015	14.793						
11/12/2016 7:10:00 AM	205800.000	72.891	17.993	166.142	29028.357	33513.633	21.162	22789.271
34.449	1.015	14.794						
11/12/2016 7:15:00 AM	206100.000	72.899	17.993	166.159	29033.814	33519.605	21.166	22793.334
34.443	1.015	14.794						
11/12/2016 7:20:00 AM	206400.000	72.899	17.993	166.159	29043.088	33530.449	21.174	22800.707
34.432	1.015	14.796						
11/12/2016 7:25:00 AM	206700.000	72.901	17.993	166.164	29026.203	33510.820	21.160	22787.359
34.452	1.015	14.798						
11/12/2016 7:30:00 AM	207000.000	72.905	17.993	166.174	29022.090	33506.207	21.157	22784.221
34.457	1.015	14.800						
11/12/2016 7:35:00 AM	207300.000	72.908	17.994	166.179	29023.729	33507.832	21.158	22785.328
34.455	1.015	14.800						
11/12/2016 7:40:00 AM	207600.000	72.910	17.993	166.184	29048.725	33536.957	21.178	22805.133
34.425	1.015	14.800						
11/12/2016 7:45:00 AM	207900.000	72.908	17.993	166.181	29043.561	33531.051	21.174	22801.117
34.431	1.015	14.801						
11/12/2016 7:50:00 AM	208200.000	72.913	17.993	166.191	29020.443	33504.359	21.156	22782.967
34.458	1.015	14.800						
11/12/2016 7:55:00 AM	208500.000	72.920	17.994	166.207	29028.604	33513.402	21.162	22789.113
34.449	1.015	14.799						
11/12/2016 8:00:00 AM	208800.000	72.924	17.993	166.217	29014.576	33497.395	21.151	22778.229
34.465	1.015	14.798						
11/12/2016 8:05:00 AM	209100.000	72.927	17.994	166.223	29040.539	33527.238	21.172	22798.523
34.435	1.015	14.800						
11/12/2016 8:10:00 AM	209400.000	72.924	17.993	166.217	29026.949	33512.137	21.161	22788.256
34.451	1.015	14.803						
11/12/2016 8:15:00 AM	209700.000	72.922	17.993	166.212	29027.379	33512.367	21.161	22788.412
34.450	1.015	14.805						
11/12/2016 8:20:00 AM	210000.000	72.925	17.993	166.219	29029.131	33514.391	21.163	22789.785
34.448	1.015	14.806						
11/12/2016 8:25:00 AM	210300.000	72.929	17.993	166.228	29034.854	33520.941	21.167	22794.240
34.441	1.015	14.807						
11/12/2016 8:30:00 AM	210600.000	72.933	17.993	166.237	29045.863	33533.973	21.176	22803.102
34.428	1.015	14.808						
11/12/2016 8:35:00 AM	210900.000	72.933	17.993	166.237	29029.674	33515.207	21.163	22790.342
34.448	1.015	14.809						
11/12/2016 8:40:00 AM	211200.000	72.935	17.993	166.240	29025.213	33509.813	21.160	22786.672
34.453	1.015	14.810						
11/12/2016 8:45:00 AM	211500.000	72.936	17.993	166.244	29038.453	33524.961	21.170	22796.977
34.437	1.015	14.811						
11/12/2016 8:50:00 AM	211800.000	72.960	17.993	166.298	29034.998	33521.230	21.167	22794.439
34.441	1.015	14.808						
11/12/2016 8:55:00 AM	212100.000	72.943	17.993	166.259	29034.941	33520.969	21.167	22794.260
34.441	1.015	14.805						
11/12/2016 9:00:00 AM	212400.000	72.946	17.994	166.267	29040.572	33527.148	21.172	22798.461
34.435	1.015	14.802						
11/12/2016 9:05:00 AM	212700.000	72.944	17.993	166.262	29048.762	33536.863	21.178	22805.066
34.425	1.015	14.803						

11/12/2016 9:10:00 AM	213000.000	72.944	17.994	166.262	29034.316	33520.000	21.167	22793.600	
34.442	1.015	14.804							
11/12/2016 9:15:00 AM	213300.000	72.948	17.993	166.272	29034.016	33520.098	21.167	22793.666	
34.442	1.015	14.806							
11/12/2016 9:20:00 AM	213600.000	72.949	17.993	166.273	29031.605	33516.992	21.165	22791.555	
34.445	1.015	14.805							
11/12/2016 9:25:00 AM	213900.000	72.945	17.993	166.264	29047.010	33534.902	21.177	22803.736	
34.427	1.015	14.804							
11/12/2016 9:30:00 AM	214200.000	72.957	17.994	166.291	29029.809	33514.793	21.163	22790.061	
34.447	1.015	14.803							
11/12/2016 9:35:00 AM	214500.000	72.950	17.993	166.276	29043.637	33531.082	21.174	22801.139	
34.431	1.015	14.803							
11/12/2016 9:40:00 AM	214800.000	72.953	17.993	166.283	29035.551	33521.801	21.168	22794.824	
34.441	1.015	14.803							
11/12/2016 9:45:00 AM	215100.000	72.949	17.993	166.272	29036.344	33522.785	21.169	22795.496	
34.440	1.015	14.803							
11/12/2016 9:50:00 AM	215400.000	72.952	17.993	166.281	29020.822	33504.543	21.156	22783.090	
34.458	1.015	14.803							
11/12/2016 9:55:00 AM	215700.000	72.954	17.993	166.284	29046.871	33534.680	21.177	22803.584	
34.427	1.015	14.802							
11/12/2016 10:00:00 AM	216000.000	72.955	17.993	166.288	29040.650	33527.559	21.172	22798.740	
34.434	1.015	14.802							
11/12/2016 10:05:00 AM	216300.000	72.953	17.993	166.283	29036.217	33522.570	21.168	22795.350	
34.440	1.015	14.803							
11/12/2016 10:10:00 AM	216600.000	72.949	17.994	166.274	29037.117	33523.289	21.169	22795.838	
34.439	1.015	14.803							
11/12/2016 10:15:00 AM	216900.000	72.949	17.993	166.272	29022.516	33506.563	21.157	22784.465	
34.456	1.015	14.804							
11/12/2016 10:20:00 AM	217200.000	72.949	17.993	166.274	29049.152	33537.313	21.179	22805.375	
34.424	1.015	14.803							
11/12/2016 10:25:00 AM	217500.000	72.949	17.994	166.273	29028.658	33513.465	21.162	22789.158	
34.449	1.015	14.802							
11/12/2016 10:30:00 AM	217800.000	72.954	17.993	166.284	29043.322	33531.094	21.174	22801.146	
34.431	1.015	14.802							
11/12/2016 10:35:00 AM	218100.000	72.953	17.993	166.283	29024.994	33509.559	21.159	22786.500	
34.453	1.015	14.799							
11/12/2016 10:40:00 AM	218400.000	72.951	17.993	166.277	29020.936	33504.930	21.156	22783.352	
34.458	1.015	14.797							
11/12/2016 10:45:00 AM	218700.000	72.950	17.993	166.276	29025.207	33509.859	21.160	22786.707	
34.453	1.015	14.794							
11/12/2016 10:50:00 AM	219000.000	72.946	17.993	166.266	29031.887	33517.441	21.165	22791.863	
34.445	1.015	14.795							
11/12/2016 10:55:00 AM	219300.000	72.946	17.993	166.266	29047.926	33535.836	21.178	22804.371	
34.426	1.015	14.795							
11/12/2016 11:00:00 AM	219600.000	72.923	17.993	166.215	29024.510	33508.926	21.159	22786.072	
34.454	1.015	14.795							
11/12/2016 11:05:00 AM	219900.000	72.946	17.993	166.266	29023.838	33508.223	21.158	22785.594	
34.454	1.015	14.794							
11/12/2016 11:10:00 AM	220200.000	72.943	17.994	166.259	29028.836	33513.672	21.162	22789.297	
34.449	1.015	14.793							
11/12/2016 11:15:00 AM	220500.000	72.940	17.993	166.252	29019.477	33503.188	21.155	22782.170	
34.460	1.015	14.792							
11/12/2016 11:20:00 AM	220800.000	72.933	17.994	166.237	29043.498	33530.656	21.174	22800.846	
34.431	1.015	14.791							
11/12/2016 11:25:00 AM	221100.000	72.934	17.993	166.240	29039.080	33525.684	21.171	22797.467	
34.436	1.015	14.790							
11/12/2016 11:30:00 AM	221400.000	72.938	17.993	166.248	29030.256	33515.879	21.164	22790.801	
34.447	1.015	14.789							
11/12/2016 11:35:00 AM	221700.000	72.929	17.993	166.228	29034.939	33521.164	21.167	22794.393	
34.441	1.015	14.787							
11/12/2016 11:40:00 AM	222000.000	72.928	17.993	166.226	29026.773	33511.539	21.161	22787.850	
34.451	1.015	14.786							
11/12/2016 11:45:00 AM	222300.000	72.931	17.993	166.233	29012.008	33494.688	21.149	22776.391	
34.468	1.015	14.784							
11/12/2016 11:50:00 AM	222600.000	72.920	17.993	166.208	29031.326	33517.117	21.165	22791.641	
34.446	1.015	14.783							
11/12/2016 11:55:00 AM	222900.000	72.923	17.993	166.214	29027.766	33512.813	21.162	22788.713	
34.450	1.015	14.781							
11/12/2016 12:00:00 PM	223200.000	72.924	17.993	166.216	29028.998	33514.430	21.163	22789.814	
34.448	1.015	14.779							
11/12/2016 12:05:00 PM	223500.000	72.922	17.993	166.211	29029.629	33515.230	21.163	22790.357	
34.448	1.015	14.778							
11/12/2016 12:10:00 PM	223800.000	72.914	17.993	166.194	29033.367	33519.418	21.166	22793.205	
34.443	1.015	14.777							
11/12/2016 12:15:00 PM	224100.000	72.913	17.993	166.190	29041.697	33528.770	21.173	22799.566	
34.433	1.015	14.776							
11/12/2016 12:20:00 PM	224400.000	72.894	17.993	166.149	29022.039	33505.949	21.157	22784.047	
34.457	1.015	14.775							
11/12/2016 12:25:00 PM	224700.000	72.915	17.993	166.195	29028.293	33513.559	21.162	22789.223	
34.449	1.015	14.774							
11/12/2016 12:30:00 PM	225000.000	72.911	17.993	166.188	29018.920	33502.473	21.154	22781.684	
34.460	1.015	14.772							
11/12/2016 12:35:00 PM	225300.000	72.909	17.994	166.181	29013.965	33496.559	21.150	22777.660	
34.466	1.015	14.773							
11/12/2016 12:40:00 PM	225600.000	72.902	17.993	166.165	29025.766	33510.770	21.160	22787.324	
34.452	1.015	14.773							
11/12/2016 12:45:00 PM	225900.000	72.898	17.993	166.158	29017.113	33500.387	21.153	22780.264	
34.462	1.015	14.774							
11/12/2016 12:50:00 PM	226200.000	72.900	17.993	166.161	29018.234	33501.680	21.154	22781.143	
34.461	1.015	14.773							
11/12/2016 12:55:00 PM	226500.000	72.896	17.993	166.153	29042.531	33529.730	21.173	22800.219	
34.432	1.015	14.772							
11/12/2016 1:00:00 PM	226800.000	72.891	17.993	166.141	29028.875	33513.902	21.162	22789.453	
34.448	1.015	14.771							
11/12/2016 1:05:00 PM	227100.000	72.892	17.993	166.143	29024.254	33508.629	21.159	22785.867	
34.454	1.015	14.772							
11/12/2016 1:10:00 PM	227400.000	72.879	17.994	166.114	29033.201	33518.770	21.166	22792.766	
34.443	1.015	14.773							
11/12/2016 1:15:00 PM	227700.000	72.871	17.993	166.095	29033.449	33519.246	21.166	22793.090	
34.443	1.015	14.774							
11/12/2016 1:20:00 PM	228000.000	72.879	17.994	166.115	29036.100	33521.855	21.168	22794.863	
34.440	1.015	14.771							
11/12/2016 1:25:00 PM	228300.000	72.881	17.993	166.118	29033.707	33519.480	21.166	22793.248	
34.443	1.015	14.767							
11/12/2016 1:30:00 PM	228600.000	72.863	17.993	166.078	29027.648	33512.488	21.161	22788.494	
34.450	1.015	14.764							
11/12/2016 1:35:00 PM	228900.000	72.873	17.993	166.101	29030.578	33516.063	21.164	22790.922	
34.446	1.015	14.766							
11/12/2016 1:40:00 PM	229200.000	72.873	17.993	166.099	29028.967	33513.945	21.162	22789.484	
34.448	1.015	14.768							
11/12/2016 1:45:00 PM	229500.000	72.865	17.993	166.082	29026.420	33511.070	21.160	22787.529	
34.451	1.015	14.770							
11/12/2016 1:50:00 PM	229800.000	72.856	17.994	166.061	29030.105	33515.195	21.163	22790.334	
34.447	1.015	14.773							
11/12/2016 1:55:00 PM	230100.000	72.851	17.993	166.050	29041.768	33528.852	21.173	22799.619	
34.433	1.015	14.776							
11/12/2016 2:00:00 PM	230400.000	72.847	17.993	166.041	29039.443	33526.363	21.171	22797.930	
34.436	1.015	14.779							
11/12/2016 2:05:00 PM	230700.000	72.851	17.993	166.049	29024.492	33508.980	21.159	22786.107	
34.454	1.015	14.777							
11/12/2016 2:10:00 PM	231000.000	72.844	17.994	166.035	29022.064	33505.855	21.157	22783.982	
34.457	1.015	14.775							
11/12/2016 2:15:00 PM	231300.000	72.848	17.993	166.042	29032.693	33518.449	21.166	22792.545	
34.444	1.015	14.772							
11/12/2016 2:20:00 PM	231600.000	72.848	17.993	166.043	29029.094	33514.539	21.163	22789.889	
34.448	1.015	14.772							
11/12/2016 2:25:00 PM	231900.000	72.838	17.993	166.020	29035.625	33521.887	21.168	22794.883	
34.440	1.015	14.773							
11/12/2016 2:30:00 PM	232200.000	72.838	17.993	166.021	29040.854	33527.926	21.172	22798.992	
34.434	1.015	14.773							
11/12/2016 2:35:00 PM	232500.000	72.838	17.993	166.021	29040.084	33526.906	21.171	22798.299	
34.435	1.015	14.772							
11/12/2016 2:40:00 PM	232800.000	72.834	17.993	166.011	29036.254	33522.484	21.168	22795.289	

34.440	1.015	14.771						
11/12/2016 2:45:00 PM	233100.000	72.832	17.993	166.007	29025.643	33510.363	21.160	22787.049
34.452	1.015	14.770						
11/12/2016 2:50:00 PM	233400.000	72.831	17.993	166.004	29013.887	33496.734	21.150	22777.781
34.466	1.015	14.772						
11/12/2016 2:55:00 PM	233700.000	72.830	17.993	166.002	29022.566	33506.621	21.157	22784.504
34.456	1.015	14.773						
11/12/2016 3:00:00 PM	234000.000	72.799	17.993	165.930	29016.471	33499.582	21.152	22779.719
34.463	1.015	14.775						
11/12/2016 3:05:00 PM	234300.000	72.819	17.993	165.977	29033.639	33519.465	21.166	22793.238
34.443	1.015	14.775						
11/12/2016 3:10:00 PM	234600.000	72.814	17.993	165.966	29043.180	33530.355	21.174	22800.645
34.431	1.015	14.775						
11/12/2016 3:15:00 PM	234900.000	72.816	17.993	165.971	29016.027	33499.328	21.152	22779.545
34.464	1.015	14.775						
11/12/2016 3:20:00 PM	235200.000	72.805	17.993	165.945	29022.867	33506.969	21.158	22784.738
34.456	1.015	14.774						
11/12/2016 3:25:00 PM	235500.000	72.809	17.993	165.954	29028.947	33513.926	21.162	22789.473
34.448	1.015	14.773						
11/12/2016 3:30:00 PM	235800.000	72.805	17.993	165.946	29023.078	33507.469	21.158	22785.080
34.455	1.015	14.773						
11/12/2016 3:35:00 PM	236100.000	72.803	17.994	165.941	29029.439	33514.367	21.163	22789.770
34.448	1.015	14.772						
11/12/2016 3:40:00 PM	236400.000	72.807	17.993	165.951	29046.180	33533.945	21.176	22803.086
34.428	1.015	14.772						
11/12/2016 3:45:00 PM	236700.000	72.806	17.993	165.947	29019.453	33503.219	21.155	22782.189
34.460	1.015	14.771						
11/12/2016 3:50:00 PM	237000.000	72.803	17.993	165.942	29038.947	33526.043	21.171	22797.711
34.437	1.015	14.770						
11/12/2016 3:55:00 PM	237300.000	72.798	17.993	165.928	29046.098	33534.168	21.176	22803.236
34.428	1.015	14.768						
11/12/2016 4:00:00 PM	237600.000	72.805	17.993	165.946	29035.422	33521.398	21.168	22794.553
34.441	1.015	14.767						
11/12/2016 4:05:00 PM	237900.000	72.800	17.993	165.933	29032.080	33517.543	21.165	22791.932
34.445	1.015	14.770						
11/12/2016 4:10:00 PM	238200.000	72.797	17.993	165.927	29029.377	33514.867	21.163	22790.109
34.448	1.015	14.773						
11/12/2016 4:15:00 PM	238500.000	72.792	17.993	165.915	29020.900	33504.953	21.156	22783.371
34.458	1.015	14.775						
11/12/2016 4:20:00 PM	238800.000	72.794	17.993	165.920	29023.115	33507.711	21.158	22785.246
34.455	1.015	14.775						
11/12/2016 4:25:00 PM	239100.000	72.793	17.993	165.918	29033.240	33518.941	21.166	22792.881
34.443	1.015	14.774						
11/12/2016 4:30:00 PM	239400.000	72.792	17.993	165.916	29032.270	33518.082	21.165	22792.297
34.444	1.015	14.773						
11/12/2016 4:35:00 PM	239700.000	72.795	17.993	165.922	29036.811	33523.449	21.169	22795.945
34.439	1.015	14.774						
11/12/2016 4:40:00 PM	240000.000	72.791	17.993	165.914	29039.996	33526.680	21.171	22798.143
34.435	1.015	14.774						
11/12/2016 4:45:00 PM	240300.000	72.792	17.993	165.916	29037.928	33524.813	21.170	22796.875
34.438	1.015	14.775						
11/12/2016 4:50:00 PM	240600.000	72.792	17.993	165.914	29035.475	33521.586	21.168	22794.680
34.441	1.015	14.775						
11/12/2016 4:55:00 PM	240900.000	72.790	17.993	165.911	29036.063	33522.527	21.168	22795.318
34.440	1.015	14.776						
11/12/2016 5:00:00 PM	241200.000	72.794	17.993	165.920	29034.332	33520.266	21.167	22793.783
34.442	1.015	14.777						
11/12/2016 5:05:00 PM	241500.000	72.787	17.993	165.903	29015.551	33498.656	21.152	22779.088
34.464	1.015	14.777						
11/12/2016 5:10:00 PM	241800.000	72.785	17.993	165.900	29034.830	33520.969	21.167	22794.260
34.441	1.015	14.778						
11/12/2016 5:15:00 PM	242100.000	72.798	17.993	165.929	29036.531	33523.125	21.169	22795.725
34.439	1.015	14.778						
11/12/2016 5:20:00 PM	242400.000	72.791	17.993	165.914	29034.096	33520.066	21.167	22793.646
34.442	1.015	14.778						
11/12/2016 5:25:00 PM	242700.000	72.794	17.993	165.920	29036.898	33523.551	21.169	22796.018
34.439	1.015	14.778						
11/12/2016 5:30:00 PM	243000.000	72.792	17.993	165.915	29038.434	33525.129	21.170	22797.088
34.437	1.015	14.778						
11/12/2016 5:35:00 PM	243300.000	72.795	17.993	165.923	29021.563	33505.461	21.157	22783.715
34.457	1.015	14.779						
11/12/2016 5:40:00 PM	243600.000	72.791	17.993	165.914	29047.549	33535.652	21.178	22804.244
34.426	1.015	14.781						
11/12/2016 5:45:00 PM	243900.000	72.797	17.993	165.927	29040.119	33526.945	21.171	22798.322
34.435	1.015	14.782						
11/12/2016 5:50:00 PM	244200.000	72.796	17.993	165.925	29018.785	33502.254	21.154	22781.535
34.460	1.015	14.781						
11/12/2016 5:55:00 PM	244500.000	72.796	17.993	165.924	29016.363	33499.969	21.153	22779.980
34.463	1.015	14.780						
11/12/2016 6:00:00 PM	244800.000	72.802	17.993	165.938	29027.750	33512.742	21.162	22788.666
34.450	1.015	14.779						
11/12/2016 6:05:00 PM	245100.000	72.798	17.994	165.930	29027.775	33512.184	21.161	22788.287
34.450	1.015	14.781						
11/12/2016 6:10:00 PM	245400.000	72.799	17.993	165.932	29043.027	33530.625	21.174	22800.826
34.432	1.015	14.783						
11/12/2016 6:15:00 PM	245700.000	72.800	17.993	165.934	29031.277	33516.676	21.164	22791.342
34.446	1.015	14.785						
11/12/2016 6:20:00 PM	246000.000	72.806	17.993	165.947	29025.525	33510.227	21.160	22786.957
34.452	1.015	14.783						
11/12/2016 6:25:00 PM	246300.000	72.806	17.993	165.946	29034.238	33520.156	21.167	22793.709
34.442	1.015	14.781						
11/12/2016 6:30:00 PM	246600.000	72.809	17.993	165.954	29061.594	33552.133	21.189	22815.453
34.410	1.015	14.780						
11/12/2016 6:35:00 PM	246900.000	72.804	17.993	165.942	29028.475	33513.578	21.162	22789.234
34.449	1.015	14.780						
11/12/2016 6:40:00 PM	247200.000	72.809	17.993	165.955	29035.018	33521.133	21.167	22794.373
34.441	1.015	14.780						
11/12/2016 6:45:00 PM	247500.000	72.813	17.993	165.964	29028.697	33514.082	21.163	22789.578
34.449	1.015	14.780						
11/12/2016 6:50:00 PM	247800.000	72.810	17.993	165.957	29024.291	33508.609	21.159	22785.855
34.454	1.015	14.781						
11/12/2016 6:55:00 PM	248100.000	72.808	17.993	165.951	29046.426	33534.426	21.177	22803.412
34.428	1.015	14.783						
11/12/2016 7:00:00 PM	248400.000	72.811	17.993	165.959	29012.443	33495.070	21.149	22776.650
34.468	1.015	14.784						
11/12/2016 7:05:00 PM	248700.000	72.818	17.993	165.976	29040.447	33527.262	21.172	22798.541
34.435	1.015	14.784						
11/12/2016 7:10:00 PM	249000.000	72.823	17.993	165.985	29030.854	33516.379	21.164	22791.139
34.446	1.015	14.783						
11/12/2016 7:15:00 PM	249300.000	72.816	17.993	165.969	29028.797	33513.813	21.162	22789.395
34.449	1.015	14.783						
11/12/2016 7:20:00 PM	249600.000	72.822	17.993	165.984	29027.746	33512.859	21.162	22788.746
34.450	1.015	14.780						
11/12/2016 7:25:00 PM	249900.000	72.802	17.993	165.939	29031.000	33516.355	21.164	22791.123
34.446	1.015	14.777						
11/12/2016 7:30:00 PM	250200.000	72.826	17.993	165.993	29035.453	33522.008	21.168	22794.965
34.441	1.015	14.774						
11/12/2016 7:35:00 PM	250500.000	72.835	17.993	166.013	29029.896	33515.082	21.163	22790.256
34.447	1.015	14.774						
11/12/2016 7:40:00 PM	250800.000	72.830	17.993	166.002	29037.930	33524.738	21.170	22796.824
34.438	1.015	14.774						
11/12/2016 7:45:00 PM	251100.000	72.833	17.993	166.008	29023.045	33507.684	21.158	22785.225
34.455	1.015	14.774						
11/12/2016 7:50:00 PM	251400.000	72.838	17.993	166.021	29036.639	33522.930	21.169	22795.594
34.439	1.015	14.775						
11/12/2016 7:55:00 PM	251700.000	72.819	17.993	165.977	29050.521	33539.223	21.180	22806.674
34.423	1.015	14.776						
11/12/2016 8:00:00 PM	252000.000	72.843	17.993	166.032	29026.926	33511.910	21.161	22788.102
34.451	1.015	14.777						
11/12/2016 8:05:00 PM	252300.000	72.849	17.993	166.045	29034.252	33520.371	21.167	22793.854
34.442	1.015	14.776						
11/12/2016 8:10:00 PM	252600.000	72.847	17.993	166.041	29021.740	33506.051	21.157	22784.117
34.457	1.015	14.775						

11/12/2016 8:15:00 PM	252900.000	72.853	17.993	166.055	29023.461	33507.844	21.158	22785.336	
34.455	1.015	14.774							
11/12/2016 8:20:00 PM	253200.000	72.855	17.993	166.059	29028.883	33514.367	21.163	22789.770	
34.448	1.015	14.777							
11/12/2016 8:25:00 PM	253500.000	72.846	17.994	166.038	29039.531	33525.949	21.171	22797.648	
34.436	1.015	14.779							
11/12/2016 8:30:00 PM	253800.000	72.852	17.993	166.052	29040.891	33527.910	21.172	22798.979	
34.434	1.015	14.782							
11/12/2016 8:35:00 PM	254100.000	72.858	17.993	166.066	29023.650	33507.934	21.158	22785.395	
34.455	1.015	14.782							
11/12/2016 8:40:00 PM	254400.000	72.858	17.993	166.065	29033.139	33518.887	21.166	22792.846	
34.443	1.015	14.782							
11/12/2016 8:45:00 PM	254700.000	72.858	17.993	166.065	29043.004	33530.406	21.174	22800.676	
34.432	1.015	14.782							
11/12/2016 8:50:00 PM	255000.000	72.861	17.993	166.072	29040.840	33527.656	21.172	22798.807	
34.434	1.015	14.783							
11/12/2016 8:55:00 PM	255300.000	72.861	17.993	166.073	29036.313	33522.750	21.169	22795.471	
34.440	1.015	14.783							
11/12/2016 9:00:00 PM	255600.000	72.848	17.993	166.043	29032.783	33518.477	21.166	22792.566	
34.444	1.015	14.783							
11/12/2016 9:05:00 PM	255900.000	72.865	17.993	166.082	29032.674	33518.352	21.165	22792.480	
34.444	1.015	14.783							
11/12/2016 9:10:00 PM	256200.000	72.868	17.993	166.088	29047.416	33535.371	21.177	22804.055	
34.426	1.015	14.783							
11/12/2016 9:15:00 PM	256500.000	72.869	17.993	166.090	29041.873	33529.238	21.173	22799.885	
34.433	1.015	14.783							
11/12/2016 9:20:00 PM	256800.000	72.872	17.993	166.097	29029.105	33514.230	21.163	22789.678	
34.448	1.015	14.783							
11/12/2016 9:25:00 PM	257100.000	72.877	17.993	166.110	29022.441	33506.414	21.157	22784.363	
34.456	1.015	14.784							
11/12/2016 9:30:00 PM	257400.000	72.875	17.993	166.105	29036.574	33523.305	21.169	22795.850	
34.439	1.015	14.784							
11/12/2016 9:35:00 PM	257700.000	72.873	17.994	166.101	29014.486	33497.164	21.151	22778.074	
34.466	1.015	14.786							
11/12/2016 9:40:00 PM	258000.000	72.874	17.993	166.103	29027.836	33512.961	21.162	22788.816	
34.450	1.015	14.788							
11/12/2016 9:45:00 PM	258300.000	72.876	17.993	166.107	29040.752	33527.875	21.172	22798.955	
34.434	1.015	14.790							
11/12/2016 9:50:00 PM	258600.000	72.877	17.993	166.108	29036.199	33522.422	21.168	22795.250	
34.440	1.015	14.789							
11/12/2016 9:55:00 PM	258900.000	72.880	17.993	166.117	29026.904	33512.086	21.161	22788.219	
34.451	1.015	14.789							
11/12/2016 10:00:00 PM	259200.000	72.881	17.993	166.118	29038.541	33525.063	21.170	22797.045	
34.437	1.015	14.788							
11/12/2016 10:05:00 PM	259500.000	72.877	17.993	166.109	29050.266	33538.734	21.180	22806.342	
34.423	1.015	14.791							
11/12/2016 10:10:00 PM	259800.000	72.877	17.993	166.109	29029.938	33515.191	21.163	22790.330	
34.447	1.015	14.794							
11/12/2016 10:15:00 PM	260100.000	72.878	17.993	166.112	29028.264	33513.773	21.162	22789.365	
34.449	1.015	14.797							
11/12/2016 10:20:00 PM	260400.000	72.878	17.993	166.112	29034.803	33521.074	21.167	22794.330	
34.441	1.015	14.797							
11/12/2016 10:25:00 PM	260700.000	72.875	17.993	166.104	29034.873	33521.020	21.167	22794.295	
34.441	1.015	14.797							
11/12/2016 10:30:00 PM	261000.000	72.879	17.993	166.114	29030.871	33516.344	21.164	22791.115	
34.446	1.015	14.797							
11/12/2016 10:35:00 PM	2613000.000	72.876	17.993	166.106	29029.840	33515.078	21.163	22790.254	
34.447	1.015	14.797							
11/12/2016 10:40:00 PM	261600.000	72.879	17.994	166.115	29031.984	33517.305	21.165	22791.770	
34.445	1.015	14.797							
11/12/2016 10:45:00 PM	261900.000	72.881	17.993	166.117	29029.543	33514.934	21.163	22790.156	
34.448	1.015	14.798							
11/12/2016 10:50:00 PM	262200.000	72.883	17.993	166.123	29026.613	33511.230	21.161	22787.639	
34.451	1.015	14.799							
11/12/2016 10:55:00 PM	262500.000	72.875	17.993	166.104	29038.992	33525.719	21.171	22797.488	
34.436	1.015	14.800							
11/12/2016 11:00:00 PM	262800.000	72.877	17.993	166.109	29035.830	33522.262	21.168	22795.139	
34.440	1.015	14.801							
11/12/2016 11:05:00 PM	263100.000	72.880	17.993	166.117	29031.289	33517.020	21.165	22791.574	
34.446	1.015	14.798							
11/12/2016 11:10:00 PM	263400.000	72.879	17.992	166.114	29035.393	33522.133	21.168	22795.051	
34.441	1.015	14.795							
11/12/2016 11:15:00 PM	263700.000	72.864	17.993	166.079	29026.932	33511.852	21.161	22788.059	
34.451	1.015	14.793							
11/12/2016 11:20:00 PM	264000.000	72.882	17.993	166.119	29028.586	33513.828	21.162	22789.406	
34.449	1.015	14.793							
11/12/2016 11:25:00 PM	264300.000	72.884	17.993	166.125	29037.404	33523.813	21.169	22796.193	
34.438	1.015	14.794							
11/12/2016 11:30:00 PM	264600.000	72.878	17.993	166.112	29022.340	33506.688	21.157	22784.547	
34.456	1.015	14.795							
11/12/2016 11:35:00 PM	264900.000	72.859	17.993	166.067	29036.740	33523.176	21.169	22795.762	
34.439	1.015	14.797							
11/12/2016 11:40:00 PM	2652200.000	72.876	17.993	166.107	29033.330	33519.305	21.166	22793.129	
34.443	1.015	14.799							
11/12/2016 11:45:00 PM	265500.000	72.872	17.993	166.098	29041.455	33528.563	21.173	22799.424	
34.434	1.015	14.801							
11/12/2016 11:50:00 PM	265800.000	72.873	17.993	166.101	29030.867	33516.586	21.164	22791.281	
34.446	1.015	14.798							
11/12/2016 11:55:00 PM	266100.000	72.856	17.993	166.062	29030.668	33516.301	21.164	22791.084	
34.446	1.015	14.795							
11/13/2016 12:00:00 AM	266400.000	72.877	17.993	166.108	29050.234	33538.945	21.180	22806.484	
34.423	1.015	14.792							
11/13/2016 12:05:00 AM	266700.000	72.873	17.993	166.101	29031.748	33517.156	21.165	22791.668	
34.445	1.015	14.793							
11/13/2016 12:10:00 AM	267000.000	72.872	17.993	166.099	29026.928	33511.914	21.161	22788.104	
34.451	1.015	14.794							
11/13/2016 12:15:00 AM	267300.000	72.868	17.993	166.088	29035.063	33521.047	21.167	22794.313	
34.441	1.015	14.794							
11/13/2016 12:20:00 AM	267600.000	72.868	17.993	166.090	29039.400	33525.992	21.171	22797.676	
34.436	1.015	14.794							
11/13/2016 12:25:00 AM	267900.000	72.871	17.993	166.096	29033.123	33519.266	21.166	22793.102	
34.443	1.015	14.793							
11/13/2016 12:30:00 AM	268200.000	72.871	17.993	166.095	29032.824	33518.844	21.166	22792.816	
34.444	1.015	14.793							
11/13/2016 12:35:00 AM	268500.000	72.848	17.993	166.044	29029.936	33515.066	21.163	22790.246	
34.447	1.015	14.793							
11/13/2016 12:40:00 AM	268800.000	72.864	17.993	166.080	29033.803	33520.051	21.167	22793.637	
34.443	1.015	14.794							
11/13/2016 12:45:00 AM	269100.000	72.863	17.993	166.076	29026.797	33512.016	21.161	22788.172	
34.451	1.015	14.795							
11/13/2016 12:50:00 AM	269400.000	72.859	17.993	166.068	29042.832	33530.016	21.174	22800.412	
34.432	1.015	14.794							
11/13/2016 12:55:00 AM	269700.000	72.857	17.993	166.065	29032.336	33518.035	21.165	22792.266	
34.444	1.015	14.793							
11/13/2016 1:00:00 AM	270000.000	72.858	17.993	166.066	29028.150	33513.324	21.162	22789.063	
34.449	1.015	14.792							
11/13/2016 1:05:00 AM	270300.000	72.858	17.993	166.066	29024.648	33509.023	21.159	22786.139	
34.453	1.015	14.792							
11/13/2016 1:10:00 AM	270600.000	72.858	17.992	166.066	29037.293	33524.328	21.170	22796.543	
34.438	1.015	14.792							
11/13/2016 1:15:00 AM	270900.000	72.861	17.993	166.073	29034.816	33521.145	21.167	22794.381	
34.441	1.015	14.792							
11/13/2016 1:20:00 AM	271200.000	72.853	17.993	166.055	29048.553	33536.758	21.178	22804.996	
34.425	1.015	14.793							
11/13/2016 1:25:00 AM	271500.000	72.850	17.993	166.047	29039.939	33526.867	21.171	22798.271	
34.435	1.015	14.794							
11/13/2016 1:30:00 AM	271800.000	72.848	17.993	166.044	29028.934	33514.547	21.163	22789.895	
34.448	1.015	14.795							
11/13/2016 1:35:00 AM	272100.000	72.851	17.993	166.050	29039.363	33526.012	21.171	22797.689	
34.436	1.015	14.796							
11/13/2016 1:40:00 AM	272400.000	72.842	17.993	166.030	29028.959	33514.063	21.163	22789.564	
34.448	1.015	14.798							
11/13/2016 1:45:00 AM	272700.000	72.842	17.993	166.030	29037.215	33524.043	21.169	22796.350	

34.439	1.015	14.799						
11/13/2016 1:50:00 AM	273000.000	72.839	17.993	166.022	29012.129	33494.953	21.149	22776.570
34.468	1.015	14.799						
11/13/2016 1:55:00 AM	273300.000	72.837	17.993	166.017	29033.678	33519.512	21.166	22793.268
34.443	1.015	14.799						
11/13/2016 2:00:00 AM	273600.000	72.837	17.993	166.017	29018.928	33502.355	21.154	22781.604
34.460	1.015	14.799						
11/13/2016 2:05:00 AM	273900.000	72.835	17.993	166.013	29024.832	33509.371	21.159	22786.375
34.453	1.015	14.798						
11/13/2016 2:10:00 AM	274200.000	72.838	17.993	166.020	29036.990	33523.848	21.169	22796.217
34.439	1.015	14.796						
11/13/2016 2:15:00 AM	274500.000	72.836	17.993	166.016	29021.236	33505.410	21.156	22783.680
34.458	1.015	14.794						
11/13/2016 2:20:00 AM	274800.000	72.840	17.993	166.024	29031.297	33516.836	21.164	22791.451
34.446	1.015	14.795						
11/13/2016 2:25:00 AM	275100.000	72.835	17.993	166.014	29041.490	33528.852	21.173	22799.619
34.433	1.015	14.795						
11/13/2016 2:30:00 AM	275400.000	72.832	17.993	166.007	29021.490	33505.703	21.157	22783.881
34.457	1.015	14.796						
11/13/2016 2:35:00 AM	275700.000	72.832	17.993	166.006	29039.627	33526.508	21.171	22798.027
34.436	1.015	14.797						
11/13/2016 2:40:00 AM	276000.000	72.825	17.993	165.992	29026.701	33511.777	21.161	22788.012
34.451	1.015	14.799						
11/13/2016 2:45:00 AM	276300.000	72.823	17.993	165.985	29033.211	33518.910	21.166	22792.859
34.443	1.015	14.801						
11/13/2016 2:50:00 AM	276600.000	72.825	17.993	165.991	29041.709	33528.656	21.173	22799.488
34.433	1.015	14.799						
11/13/2016 2:55:00 AM	276900.000	72.823	17.993	165.987	29028.180	33513.102	21.162	22788.912
34.449	1.015	14.798						
11/13/2016 3:00:00 AM	277200.000	72.806	17.993	165.947	29052.201	33540.770	21.181	22807.725
34.421	1.015	14.796						
11/13/2016 3:05:00 AM	277500.000	72.821	17.993	165.981	29027.354	33512.531	21.161	22788.523
34.450	1.015	14.796						
11/13/2016 3:10:00 AM	277800.000	72.825	17.993	165.991	29035.764	33521.992	21.168	22794.957
34.440	1.015	14.796						
11/13/2016 3:15:00 AM	278100.000	72.821	17.993	165.981	29034.521	33520.750	21.167	22794.111
34.442	1.015	14.796						
11/13/2016 3:20:00 AM	278400.000	72.821	17.993	165.982	29034.844	33521.121	21.167	22794.365
34.441	1.015	14.794						
11/13/2016 3:25:00 AM	278700.000	72.824	17.993	165.989	29036.484	33522.945	21.169	22795.605
34.439	1.015	14.792						
11/13/2016 3:30:00 AM	279000.000	72.820	17.993	165.979	29039.631	33526.258	21.171	22797.857
34.436	1.015	14.790						
11/13/2016 3:35:00 AM	279300.000	72.822	17.993	165.984	29027.719	33512.758	21.162	22788.678
34.450	1.015	14.792						
11/13/2016 3:40:00 AM	279600.000	72.819	17.993	165.978	29026.209	33511.016	21.160	22787.490
34.452	1.015	14.794						
11/13/2016 3:45:00 AM	279900.000	72.819	17.993	165.977	29033.889	33519.828	21.167	22793.484
34.443	1.015	14.795						
11/13/2016 3:50:00 AM	280200.000	72.824	17.993	165.988	29026.451	33511.168	21.160	22787.596
34.451	1.015	14.793						
11/13/2016 3:55:00 AM	280500.000	72.823	17.993	165.985	29023.166	33507.570	21.158	22785.148
34.455	1.015	14.790						
11/13/2016 4:00:00 AM	280800.000	72.827	17.993	165.996	29025.930	33510.441	21.160	22787.100
34.452	1.015	14.788						
11/13/2016 4:05:00 AM	281100.000	72.822	17.993	165.985	29031.594	33517.617	21.165	22791.980
34.445	1.015	14.789						
11/13/2016 4:10:00 AM	281400.000	72.823	17.993	165.986	29044.309	33531.980	21.175	22801.746
34.430	1.015	14.790						
11/13/2016 4:15:00 AM	281700.000	72.821	17.993	165.980	29019.334	33503.215	21.155	22782.186
34.460	1.015	14.791						
11/13/2016 4:20:00 AM	282000.000	72.825	17.993	165.991	29045.459	33533.379	21.176	22802.697
34.429	1.015	14.792						
11/13/2016 4:25:00 AM	282300.000	72.824	17.993	165.989	29028.391	33513.855	21.162	22789.424
34.449	1.015	14.792						
11/13/2016 4:30:00 AM	282600.000	72.822	17.993	165.984	29024.650	33509.484	21.159	22786.449
34.453	1.015	14.793						
11/13/2016 4:35:00 AM	282900.000	72.824	17.993	165.989	29048.484	33536.871	21.178	22805.072
34.425	1.015	14.794						
11/13/2016 4:40:00 AM	283200.000	72.826	17.993	165.993	29038.602	33525.324	21.170	22797.223
34.437	1.015	14.795						
11/13/2016 4:45:00 AM	283500.000	72.823	17.993	165.987	29046.557	33534.699	21.177	22803.596
34.427	1.015	14.796						
11/13/2016 4:50:00 AM	283800.000	72.826	17.993	165.994	29023.742	33508.234	21.158	22785.602
34.455	1.015	14.796						
11/13/2016 4:55:00 AM	284100.000	72.834	17.993	166.010	29021.986	33506.207	21.157	22784.221
34.457	1.015	14.797						
11/13/2016 5:00:00 AM	284400.000	72.830	17.993	166.001	29033.896	33520.156	21.167	22793.709
34.443	1.015	14.797						
11/13/2016 5:05:00 AM	284700.000	72.832	17.994	166.006	29025.393	33509.695	21.159	22786.594
34.453	1.015	14.797						
11/13/2016 5:10:00 AM	285000.000	72.833	17.993	166.008	29036.170	33522.836	21.169	22795.531
34.440	1.015	14.798						
11/13/2016 5:15:00 AM	285300.000	72.816	17.993	165.971	29032.293	33518.305	21.165	22792.447
34.444	1.015	14.798						
11/13/2016 5:20:00 AM	285600.000	72.840	17.993	166.025	29031.631	33517.543	21.165	22791.932
34.445	1.015	14.796						
11/13/2016 5:25:00 AM	285900.000	72.843	17.993	166.032	29027.881	33513.137	21.162	22788.936
34.450	1.015	14.794						
11/13/2016 5:30:00 AM	286200.000	72.848	17.993	166.043	29032.410	33517.984	21.165	22792.230
34.444	1.015	14.792						
11/13/2016 5:35:00 AM	286500.000	72.848	17.993	166.042	29013.826	33496.855	21.151	22777.863
34.466	1.015	14.793						
11/13/2016 5:40:00 AM	286800.000	72.849	17.993	166.045	29016.406	33499.445	21.152	22779.625
34.463	1.015	14.795						
11/13/2016 5:45:00 AM	287100.000	72.848	17.993	166.043	29040.867	33527.688	21.172	22798.830
34.434	1.015	14.796						
11/13/2016 5:50:00 AM	287400.000	72.853	17.992	166.054	29038.984	33526.348	21.171	22797.916
34.436	1.015	14.798						
11/13/2016 5:55:00 AM	287700.000	72.852	17.993	166.053	29020.102	33504.102	21.156	22782.789
34.459	1.015	14.799						
11/13/2016 6:00:00 AM	288000.000	72.855	17.993	166.060	29036.471	33523.129	21.169	22795.729
34.439	1.015	14.801						
11/13/2016 6:05:00 AM	288300.000	72.852	17.993	166.051	29046.455	33534.336	21.177	22803.350
34.428	1.015	14.801						
11/13/2016 6:10:00 AM	288600.000	72.859	17.993	166.068	29040.545	33527.703	21.172	22798.840
34.435	1.015	14.800						
11/13/2016 6:15:00 AM	288900.000	72.866	17.993	166.084	29015.494	33498.395	21.152	22778.910
34.464	1.015	14.800						
11/13/2016 6:20:00 AM	289200.000	72.864	17.993	166.080	29031.963	33517.660	21.165	22792.012
34.445	1.015	14.801						
11/13/2016 6:25:00 AM	289500.000	72.866	17.993	166.085	29031.621	33517.266	21.165	22791.740
34.445	1.015	14.802						
11/13/2016 6:30:00 AM	289800.000	72.869	17.994	166.090	29025.066	33509.379	21.159	22786.379
34.453	1.015	14.803						
11/13/2016 6:35:00 AM	290100.000	72.872	17.993	166.097	29051.918	33540.508	21.181	22807.547
34.421	1.015	14.804						
11/13/2016 6:40:00 AM	290400.000	72.874	17.993	166.103	29034.672	33520.656	21.167	22794.049
34.442	1.015	14.804						
11/13/2016 6:45:00 AM	290700.000	72.880	17.993	166.117	29031.246	33517.215	21.165	22791.707
34.446	1.015	14.805						
11/13/2016 6:50:00 AM	291000.000	72.886	17.993	166.130	29048.908	33537.414	21.179	22805.443
34.425	1.015	14.807						
11/13/2016 6:55:00 AM	291300.000	72.879	17.993	166.113	29042.787	33529.965	21.174	22800.379
34.432	1.015	14.808						
11/13/2016 7:00:00 AM	291600.000	72.886	17.993	166.129	29024.115	33508.348	21.159	22785.678
34.454	1.015	14.810						
11/13/2016 7:05:00 AM	291900.000	72.892	17.993	166.143	29027.604	33512.496	21.161	22788.500
34.450	1.015	14.809						
11/13/2016 7:10:00 AM	292200.000	72.895	17.993	166.150	29028.303	33513.242	21.162	22789.008
34.449	1.015	14.808						
11/13/2016 7:15:00 AM	292500.000	72.896	17.993	166.152	29041.674	33528.742	21.173	22799.545
34.433	1.015	14.807						

11/13/2016 7:20:00 AM	292800.000	72.900	17.993	166.162	29047.920	33536.219	21.178	22804.631	34.426
11/13/2016 7:25:00 AM	293100.000	72.899	17.993	166.160	29028.264	33513.332	21.162	22789.068	34.449
11/13/2016 7:30:00 AM	293400.000	72.897	17.993	166.155	29023.973	33508.816	21.159	22785.998	34.454
11/13/2016 7:35:00 AM	293700.000	72.906	17.993	166.175	29038.668	33525.664	21.171	22797.453	34.437
11/13/2016 7:40:00 AM	294000.000	72.915	17.993	166.196	29042.523	33529.988	21.174	22800.395	34.432
11/13/2016 7:45:00 AM	294300.000	72.916	17.993	166.198	29036.088	33522.488	21.168	22795.293	34.440
11/13/2016 7:50:00 AM	294600.000	72.920	17.993	166.207	29040.891	33527.836	21.172	22798.930	34.434
11/13/2016 7:55:00 AM	294900.000	72.924	17.993	166.216	29043.807	33531.598	21.175	22801.486	34.431
11/13/2016 8:00:00 AM	295200.000	72.928	17.993	166.225	29050.771	33539.641	21.180	22806.955	34.422
11/13/2016 8:05:00 AM	295500.000	72.926	17.993	166.220	29041.002	33528.094	21.172	22799.105	34.434
11/13/2016 8:10:00 AM	295800.000	72.927	17.993	166.224	29038.170	33524.895	21.170	22796.928	34.437
11/13/2016 8:15:00 AM	296100.000	72.927	17.993	166.223	29049.504	33537.977	21.179	22805.826	34.424
11/13/2016 8:20:00 AM	296400.000	72.935	17.993	166.241	29037.227	33523.871	21.169	22796.234	34.439
11/13/2016 8:25:00 AM	296700.000	72.942	17.994	166.258	29031.070	33516.309	21.164	22791.090	34.446
11/13/2016 8:30:00 AM	297000.000	72.950	17.993	166.276	29032.338	33518.094	21.165	22792.305	34.444
11/13/2016 8:35:00 AM	297300.000	72.944	17.993	166.262	29033.453	33519.324	21.166	22793.143	34.443
11/13/2016 8:40:00 AM	297600.000	72.946	17.993	166.265	29025.951	33510.664	21.160	22787.252	34.452
11/13/2016 8:45:00 AM	297900.000	72.944	17.993	166.262	29024.379	33508.902	21.159	22786.057	34.454
11/13/2016 8:50:00 AM	298200.000	72.948	17.993	166.271	29025.746	33510.617	21.160	22787.223	34.452
11/13/2016 8:55:00 AM	298500.000	72.954	17.993	166.284	29031.254	33516.785	21.164	22791.414	34.446
11/13/2016 9:00:00 AM	298800.000	72.952	17.993	166.279	29027.605	33513.086	21.162	22788.900	34.450
11/13/2016 9:05:00 AM	299100.000	72.956	17.993	166.289	29039.416	33526.402	21.171	22797.955	34.436
11/13/2016 9:10:00 AM	299400.000	72.959	17.993	166.295	29015.707	33499.027	21.152	22779.338	34.464
11/13/2016 9:15:00 AM	299700.000	72.960	17.993	166.298	29039.596	33526.418	21.171	22797.967	34.436
11/13/2016 9:20:00 AM	300000.000	72.959	17.993	166.295	29039.096	33525.961	21.171	22797.654	34.436
11/13/2016 9:25:00 AM	300300.000	72.962	17.993	166.304	29027.254	33512.359	21.161	22788.404	34.450
11/13/2016 9:30:00 AM	300600.000	72.943	17.993	166.260	29030.693	33516.262	21.164	22791.059	34.446
11/13/2016 9:35:00 AM	300900.000	72.968	17.993	166.317	29032.984	33518.711	21.166	22792.727	34.444
11/13/2016 9:40:00 AM	301200.000	72.972	17.993	166.326	29040.693	33527.684	21.172	22798.826	34.434
11/13/2016 9:45:00 AM	301500.000	72.971	17.993	166.324	29035.646	33522.297	21.168	22795.164	34.440
11/13/2016 9:50:00 AM	301800.000	72.968	17.993	166.317	29031.721	33517.250	21.165	22791.730	34.445
11/13/2016 9:55:00 AM	302100.000	72.969	17.993	166.319	29033.078	33518.754	21.166	22792.754	34.443
11/13/2016 10:00:00 AM	302400.000	72.964	17.993	166.308	29039.143	33526.215	21.171	22797.826	34.436
11/13/2016 10:05:00 AM	302700.000	72.967	17.993	166.314	29019.361	33503.246	21.155	22782.207	34.460
11/13/2016 10:10:00 AM	303000.000	72.975	17.993	166.332	29040.500	33527.262	21.172	22798.541	34.435
11/13/2016 10:15:00 AM	303300.000	72.976	17.993	166.336	29052.123	33541.391	21.181	22808.146	34.421
11/13/2016 10:20:00 AM	303600.000	72.979	17.993	166.343	29034.715	33520.781	21.167	22794.133	34.442
11/13/2016 10:25:00 AM	303900.000	72.975	17.993	166.333	29030.803	33516.266	21.164	22791.061	34.446
11/13/2016 10:30:00 AM	304200.000	72.975	17.993	166.332	29042.820	33529.941	21.174	22800.361	34.432
11/13/2016 10:35:00 AM	304500.000	72.975	17.993	166.333	29022.049	33506.480	21.157	22784.406	34.457
11/13/2016 10:40:00 AM	304800.000	72.973	17.993	166.327	29042.641	33530.055	21.174	22800.438	34.432
11/13/2016 10:45:00 AM	305100.000	72.975	17.993	166.333	29037.057	33523.348	21.169	22795.877	34.439
11/13/2016 10:50:00 AM	305400.000	72.976	17.993	166.335	29045.361	33533.395	21.176	22802.709	34.429
11/13/2016 10:55:00 AM	305700.000	72.978	17.993	166.339	29029.166	33514.430	21.163	22789.814	34.448
11/13/2016 11:00:00 AM	306000.000	72.976	17.993	166.335	29021.393	33505.840	21.157	22783.973	34.457
11/13/2016 11:05:00 AM	306300.000	72.976	17.993	166.336	29040.166	33527.449	21.172	22798.668	34.435
11/13/2016 11:10:00 AM	306600.000	72.975	17.993	166.332	29033.752	33519.793	21.166	22793.461	34.443
11/13/2016 11:15:00 AM	306900.000	72.970	17.993	166.320	29030.514	33515.797	21.164	22790.742	34.447
11/13/2016 11:20:00 AM	307200.000	72.944	17.993	166.261	29028.930	33514.348	21.163	22789.756	34.448
11/13/2016 11:25:00 AM	307500.000	72.973	17.993	166.328	29033.443	33519.504	21.166	22793.264	34.443
11/13/2016 11:30:00 AM	307800.000	72.971	17.993	166.324	29026.102	33511.086	21.160	22787.541	34.452
11/13/2016 11:35:00 AM	308100.000	72.968	17.993	166.316	29041.041	33528.277	21.172	22799.229	34.434
11/13/2016 11:40:00 AM	308400.000	72.968	17.993	166.317	29022.475	33506.840	21.157	22784.650	34.456
11/13/2016 11:45:00 AM	308700.000	72.962	17.993	166.302	29020.426	33504.797	21.156	22783.262	34.458
11/13/2016 11:50:00 AM	309000.000	72.962	17.993	166.304	29036.156	33522.445	21.168	22795.266	34.440
11/13/2016 11:55:00 AM	309300.000	72.959	17.993	166.296	29043.182	33530.613	21.174	22800.818	34.431
11/13/2016 12:00:00 PM	309600.000	72.966	17.993	166.311	29031.613	33517.125	21.165	22791.645	34.445
11/13/2016 12:05:00 PM	309900.000	72.959	17.993	166.297	29021.043	33505.121	21.156	22783.484	34.458
11/13/2016 12:10:00 PM	310200.000	72.961	17.993	166.300	29024.869	33509.340	21.159	22786.352	34.453
11/13/2016 12:15:00 PM	310500.000	72.959	17.993	166.296	29030.152	33515.441	21.163	22790.500	34.447
11/13/2016 12:20:00 PM	310800.000	72.960	17.993	166.298	29032.447	33518.090	21.165	22792.301	34.444
11/13/2016 12:25:00 PM	311100.000	72.946	17.993	166.266	29041.668	33528.734	21.173	22799.539	34.433
11/13/2016 12:30:00 PM	311400.000	72.943	17.993	166.260	29020.576	33504.457	21.156	22783.031	34.458
11/13/2016 12:35:00 PM	311700.000	72.943	17.993	166.259	29030.055	33515.328	21.163	22790.424	34.447
11/13/2016 12:40:00 PM	312000.000	72.932	17.993	166.236	29026.209	33511.082	21.160	22787.537	34.452
11/13/2016 12:45:00 PM	312300.000	72.930	17.993	166.231	29031.963	33517.531	21.165	22791.924	34.445
11/13/2016 12:50:00 PM	312600.000	72.930	17.993	166.230	29041.125	33528.184	21.172	22799.168	

34.434	1.015	14.804						
11/13/2016 12:55:00 PM	312900.000	72.928	17.993	166.226	29031.932	33517.891	21.165	22792.168
34.445	1.015	14.803						
11/13/2016 1:00:00 PM	313200.000	72.925	17.993	166.220	29026.742	33511.824	21.161	22788.043
34.451	1.015	14.802						
11/13/2016 1:05:00 PM	313500.000	72.920	17.993	166.208	29027.078	33512.020	21.161	22788.176
34.451	1.015	14.803						
11/13/2016 1:10:00 PM	313800.000	72.915	17.993	166.195	29014.594	33497.672	21.151	22778.420
34.465	1.015	14.804						
11/13/2016 1:15:00 PM	314100.000	72.913	17.993	166.190	29041.863	33529.156	21.173	22799.828
34.433	1.015	14.805						
11/13/2016 1:20:00 PM	314400.000	72.910	17.993	166.185	29039.711	33526.672	21.171	22798.137
34.436	1.015	14.805						
11/13/2016 1:25:00 PM	314700.000	72.905	17.993	166.174	29031.289	33517.074	21.165	22791.613
34.446	1.015	14.804						
11/13/2016 1:30:00 PM	315000.000	72.905	17.993	166.172	29041.627	33528.563	21.173	22799.424
34.433	1.015	14.803						
11/13/2016 1:35:00 PM	315300.000	72.901	17.993	166.163	29030.813	33516.398	21.164	22791.150
34.446	1.015	14.801						
11/13/2016 1:40:00 PM	315600.000	72.898	17.993	166.158	29033.398	33519.316	21.166	22793.137
34.443	1.015	14.799						
11/13/2016 1:45:00 PM	315900.000	72.897	17.993	166.155	29032.678	33518.551	21.166	22792.615
34.444	1.015	14.796						
11/13/2016 1:50:00 PM	316200.000	72.894	17.992	166.147	29038.402	33525.676	21.171	22797.461
34.437	1.015	14.798						
11/13/2016 1:55:00 PM	316500.000	72.884	17.993	166.125	29037.678	33524.004	21.169	22796.324
34.438	1.015	14.799						
11/13/2016 2:00:00 PM	316800.000	72.880	17.993	166.116	29016.135	33499.523	21.152	22779.676
34.464	1.015	14.801						
11/13/2016 2:05:00 PM	317100.000	72.879	17.993	166.113	29031.971	33517.539	21.165	22791.930
34.445	1.015	14.800						
11/13/2016 2:10:00 PM	317400.000	72.872	17.993	166.097	29030.389	33515.844	21.164	22790.775
34.447	1.015	14.798						
11/13/2016 2:15:00 PM	317700.000	72.869	17.993	166.091	29045.701	33533.711	21.176	22802.926
34.429	1.015	14.797						
11/13/2016 2:20:00 PM	318000.000	72.868	17.993	166.088	29042.621	33530.031	21.174	22800.422
34.432	1.015	14.798						
11/13/2016 2:25:00 PM	318300.000	72.864	17.993	166.080	29045.176	33533.180	21.176	22802.563
34.429	1.015	14.799						
11/13/2016 2:30:00 PM	318600.000	72.859	17.993	166.068	29027.414	33512.477	21.161	22788.484
34.450	1.015	14.800						
11/13/2016 2:35:00 PM	318900.000	72.854	17.993	166.057	29028.688	33513.750	21.162	22789.350
34.449	1.015	14.798						
11/13/2016 2:40:00 PM	319200.000	72.856	17.993	166.061	29022.070	33506.047	21.157	22784.113
34.457	1.015	14.797						
11/13/2016 2:45:00 PM	319500.000	72.834	17.993	166.011	29046.330	33534.117	21.176	22803.199
34.428	1.015	14.795						
11/13/2016 2:50:00 PM	319800.000	72.848	17.993	166.043	29032.064	33518.160	21.165	22792.352
34.445	1.015	14.797						
11/13/2016 2:55:00 PM	320100.000	72.838	17.993	166.020	29029.250	33514.473	21.163	22789.842
34.448	1.015	14.800						
11/13/2016 3:00:00 PM	320400.000	72.837	17.993	166.018	29028.057	33513.285	21.162	22789.033
34.449	1.015	14.802						
11/13/2016 3:05:00 PM	320700.000	72.812	17.993	165.960	29018.072	33501.691	21.154	22781.150
34.461	1.015	14.802						
11/13/2016 3:10:00 PM	321000.000	72.826	17.993	165.993	29053.568	33542.672	21.182	22809.020
34.419	1.015	14.802						
11/13/2016 3:15:00 PM	321300.000	72.828	17.993	165.997	29014.254	33497.023	21.151	22777.977
34.466	1.015	14.801						
11/13/2016 3:20:00 PM	321600.000	72.827	17.993	165.996	29053.561	33542.594	21.182	22808.965
34.419	1.015	14.802						
11/13/2016 3:25:00 PM	321900.000	72.823	17.993	165.986	29028.576	33513.496	21.162	22789.180
34.449	1.015	14.802						
11/13/2016 3:30:00 PM	322200.000	72.822	17.993	165.985	29030.248	33516.000	21.164	22790.883
34.447	1.015	14.802						
11/13/2016 3:35:00 PM	322500.000	72.813	17.993	165.964	29036.793	33523.105	21.169	22795.713
34.439	1.015	14.803						
11/13/2016 3:40:00 PM	322800.000	72.811	17.993	165.959	29006.945	33489.043	21.145	22772.551
34.475	1.015	14.804						
11/13/2016 3:45:00 PM	323100.000	72.805	17.993	165.946	29021.391	33505.590	21.157	22783.803
34.457	1.015	14.805						
11/13/2016 3:50:00 PM	323400.000	72.803	17.993	165.940	29031.293	33517.078	21.165	22791.615
34.446	1.015	14.804						
11/13/2016 3:55:00 PM	323700.000	72.799	17.993	165.931	29033.355	33519.336	21.166	22793.150
34.443	1.015	14.802						
11/13/2016 4:00:00 PM	324000.000	72.805	17.993	165.946	29029.793	33515.348	21.163	22790.438
34.447	1.015	14.801						
11/13/2016 4:05:00 PM	324300.000	72.798	17.993	165.929	29043.893	33531.379	21.175	22801.338
34.431	1.015	14.802						
11/13/2016 4:10:00 PM	324600.000	72.800	17.993	165.933	29026.332	33511.293	21.161	22787.682
34.451	1.015	14.802						
11/13/2016 4:15:00 PM	324900.000	72.791	17.993	165.913	29028.895	33514.438	21.163	22789.820
34.448	1.015	14.803						
11/13/2016 4:20:00 PM	325200.000	72.789	17.993	165.909	29023.225	33507.836	21.158	22785.330
34.455	1.015	14.802						
11/13/2016 4:25:00 PM	325500.000	72.791	17.993	165.914	29031.838	33517.324	21.165	22791.783
34.445	1.015	14.801						
11/13/2016 4:30:00 PM	325800.000	72.784	17.994	165.898	29045.055	33532.453	21.175	22802.068
34.429	1.015	14.801						
11/13/2016 4:35:00 PM	326100.000	72.782	17.993	165.893	29031.342	33516.887	21.164	22791.482
34.446	1.015	14.803						
11/13/2016 4:40:00 PM	326400.000	72.776	17.993	165.879	29020.373	33504.660	21.156	22783.170
34.459	1.015	14.805						
11/13/2016 4:45:00 PM	326700.000	72.780	17.993	165.887	29031.725	33517.254	21.165	22791.732
34.445	1.015	14.807						
11/13/2016 4:50:00 PM	327000.000	72.774	17.993	165.875	29022.033	33506.578	21.157	22784.473
34.457	1.015	14.805						
11/13/2016 4:55:00 PM	327300.000	72.779	17.993	165.887	29028.756	33514.148	21.163	22789.621
34.449	1.015	14.803						
11/13/2016 5:00:00 PM	327600.000	72.777	17.993	165.881	29007.656	33489.734	21.146	22773.020
34.474	1.015	14.801						
11/13/2016 5:05:00 PM	327900.000	72.778	17.993	165.882	29034.451	33520.723	21.167	22794.092
34.442	1.015	14.801						
11/13/2016 5:10:00 PM	328200.000	72.776	17.993	165.879	29032.975	33519.148	21.166	22793.021
34.444	1.015	14.802						
11/13/2016 5:15:00 PM	328500.000	72.772	17.993	165.870	29042.896	33530.473	21.174	22800.723
34.432	1.015	14.803						
11/13/2016 5:20:00 PM	328800.000	72.774	17.993	165.873	29040.992	33527.891	21.172	22798.967
34.434	1.015	14.803						
11/13/2016 5:25:00 PM	329100.000	72.767	17.993	165.859	29016.945	33500.641	21.153	22780.438
34.463	1.015	14.802						
11/13/2016 5:30:00 PM	329400.000	72.774	17.993	165.875	29031.352	33516.824	21.164	22791.443
34.446	1.015	14.802						
11/13/2016 5:35:00 PM	329700.000	72.770	17.993	165.865	29037.082	33524.027	21.169	22796.340
34.439	1.015	14.804						
11/13/2016 5:40:00 PM	330000.000	72.766	17.993	165.856	29024.602	33509.480	21.159	22786.447
34.454	1.015	14.806						
11/13/2016 5:45:00 PM	330300.000	72.769	17.993	165.863	29042.570	33529.973	21.174	22800.383
34.432	1.015	14.808						
11/13/2016 5:50:00 PM	330600.000	72.765	17.993	165.854	29039.563	33526.699	21.171	22798.156
34.436	1.015	14.806						
11/13/2016 5:55:00 PM	330900.000	72.769	17.993	165.864	29040.438	33527.578	21.172	22798.756
34.435	1.015	14.803						
11/13/2016 6:00:00 PM	331200.000	72.770	17.993	165.866	29031.246	33516.777	21.164	22791.408
34.446	1.015	14.800						
11/13/2016 6:05:00 PM	331500.000	72.772	17.993	165.869	29041.260	33528.461	21.173	22799.355
34.434	1.015	14.802						
11/13/2016 6:10:00 PM	331800.000	72.766	17.993	165.856	29044.229	33531.957	21.175	22801.730
34.430	1.015	14.804						
11/13/2016 6:15:00 PM	332100.000	72.770	17.993	165.866	29024.656	33509.414	21.159	22786.404
34.453	1.015	14.806						
11/13/2016 6:20:00 PM	332400.000	72.769	17.993	165.864	29017.506	33500.914	21.153	22780.623
34.462	1.015	14.806						

11/13/2016 6:25:00 PM	332700.000	72.768	17.992	165.862	29020.734	33505.211	21.156	22783.545	34.458
11/13/2016 6:30:00 PM	333000.000	72.772	17.993	165.869	29039.385	33526.363	21.171	22797.930	34.436
11/13/2016 6:35:00 PM	333300.000	72.770	17.993	165.865	29025.488	33510.375	21.160	22787.057	34.452
11/13/2016 6:40:00 PM	333600.000	72.775	17.993	165.876	29028.924	33514.344	21.163	22789.754	34.448
11/13/2016 6:45:00 PM	333900.000	72.770	17.993	165.866	29018.197	33501.957	21.154	22781.332	34.461
11/13/2016 6:50:00 PM	334200.000	72.778	17.993	165.884	29014.309	33497.598	21.151	22778.367	34.466
11/13/2016 6:55:00 PM	334500.000	72.782	17.993	165.893	29043.561	33531.371	21.175	22801.332	34.431
11/13/2016 7:00:00 PM	334800.000	72.778	17.993	165.884	29041.486	33528.656	21.173	22799.488	34.433
11/13/2016 7:05:00 PM	335100.000	72.779	17.993	165.886	29019.037	33502.871	21.155	22781.953	34.460
11/13/2016 7:10:00 PM	335400.000	72.779	17.993	165.886	29039.180	33526.059	21.171	22797.723	34.436
11/13/2016 7:15:00 PM	335700.000	72.780	17.993	165.887	29038.279	33524.898	21.170	22796.932	34.437
11/13/2016 7:20:00 PM	336000.000	72.779	17.993	165.887	29024.611	33509.309	21.159	22786.332	34.454
11/13/2016 7:25:00 PM	336300.000	72.783	17.993	165.894	29033.986	33520.262	21.167	22793.779	34.442
11/13/2016 7:30:00 PM	336600.000	72.785	17.993	165.900	29031.850	33517.664	21.165	22792.014	34.445
11/13/2016 7:35:00 PM	336900.000	72.789	17.993	165.909	29035.666	33522.070	21.168	22795.010	34.440
11/13/2016 7:40:00 PM	337200.000	72.788	17.993	165.907	29017.654	33501.141	21.154	22780.777	34.462
11/13/2016 7:45:00 PM	337500.000	72.790	17.993	165.912	29033.164	33519.113	21.166	22793.000	34.443
11/13/2016 7:50:00 PM	337800.000	72.801	17.994	165.936	29045.256	33532.688	21.175	22802.229	34.429
11/13/2016 7:55:00 PM	338100.000	72.799	17.993	165.930	29028.928	33514.539	21.163	22789.889	34.448
11/13/2016 8:00:00 PM	338400.000	72.803	17.993	165.940	29046.230	33534.398	21.177	22803.393	34.428
11/13/2016 8:05:00 PM	338700.000	72.806	17.993	165.948	29040.857	33527.676	21.172	22798.820	34.434
11/13/2016 8:10:00 PM	339000.000	72.805	17.993	165.945	29037.344	33524.191	21.170	22796.451	34.438
11/13/2016 8:15:00 PM	339300.000	72.806	17.993	165.948	29030.764	33516.465	21.164	22791.199	34.446
11/13/2016 8:20:00 PM	339600.000	72.788	17.993	165.907	29027.602	33512.691	21.162	22788.631	34.450
11/13/2016 8:25:00 PM	339900.000	72.791	17.992	165.914	29031.441	33517.707	21.165	22792.041	34.445
11/13/2016 8:30:00 PM	340200.000	72.816	17.993	165.970	29040.971	33528.125	21.172	22799.125	34.434
11/13/2016 8:35:00 PM	340500.000	72.818	17.993	165.975	29038.484	33525.570	21.170	22797.391	34.437
11/13/2016 8:40:00 PM	340800.000	72.818	17.993	165.975	29050.451	33539.004	21.180	22806.523	34.423
11/13/2016 8:45:00 PM	341100.000	72.821	17.993	165.981	29023.418	33507.738	21.158	22785.264	34.455
11/13/2016 8:50:00 PM	341400.000	72.821	17.993	165.982	29036.020	33522.801	21.169	22795.506	34.440
11/13/2016 8:55:00 PM	341700.000	72.828	17.993	165.997	29039.563	33526.500	21.171	22798.021	34.436
11/13/2016 9:00:00 PM	342000.000	72.813	17.993	165.964	29045.777	33533.555	21.176	22802.820	34.428
11/13/2016 9:05:00 PM	342300.000	72.829	17.993	166.000	29034.840	33521.438	21.168	22794.578	34.441
11/13/2016 9:10:00 PM	342600.000	72.834	17.992	166.011	29058.713	33549.059	21.187	22813.359	34.413
11/13/2016 9:15:00 PM	342900.000	72.830	17.993	166.003	29032.041	33518.133	21.165	22792.332	34.445
11/13/2016 9:20:00 PM	343200.000	72.840	17.993	166.024	29040.100	33527.320	21.172	22798.578	34.435
11/13/2016 9:25:00 PM	343500.000	72.818	17.993	165.975	29030.168	33515.723	21.164	22790.693	34.447
11/13/2016 9:30:00 PM	343800.000	72.837	17.993	166.018	29047.814	33536.027	21.178	22804.498	34.426
11/13/2016 9:35:00 PM	344100.000	72.841	17.993	166.026	29035.510	33521.699	21.168	22794.758	34.441
11/13/2016 9:40:00 PM	344400.000	72.844	17.993	166.033	29026.441	33511.422	21.161	22787.770	34.451
11/13/2016 9:45:00 PM	344700.000	72.849	17.993	166.046	29030.789	33516.051	21.164	22790.914	34.446
11/13/2016 9:50:00 PM	345000.000	72.848	17.993	166.043	29019.348	33503.285	21.155	22782.236	34.460
11/13/2016 9:55:00 PM	345300.000	72.850	17.993	166.048	29045.242	33532.863	21.176	22802.350	34.429
11/13/2016 10:00:00 PM	345600.000	72.849	17.993	166.045	29050.359	33539.090	21.180	22806.584	34.423
11/13/2016 10:05:00 PM	345900.000	72.852	17.992	166.053	29019.301	33503.555	21.155	22782.420	34.460
11/13/2016 10:10:00 PM	346200.000	72.850	17.993	166.047	29033.037	33519.090	21.166	22792.982	34.444
11/13/2016 10:15:00 PM	346500.000	72.853	17.993	166.055	29014.494	33497.949	21.151	22778.605	34.466
11/13/2016 10:20:00 PM	346800.000	72.858	17.992	166.066	29033.490	33519.938	21.167	22793.561	34.443
11/13/2016 10:25:00 PM	347100.000	72.862	17.993	166.074	29036.168	33522.707	21.168	22795.443	34.440
11/13/2016 10:30:00 PM	347400.000	72.866	17.993	166.085	29038.471	33525.555	21.170	22797.379	34.437
11/13/2016 10:35:00 PM	347700.000	72.847	17.993	166.040	29025.955	33510.789	21.160	22787.336	34.452
11/13/2016 10:40:00 PM	348000.000	72.866	17.993	166.085	29030.949	33516.434	21.164	22791.178	34.446
11/13/2016 10:45:00 PM	348300.000	72.869	17.993	166.092	29043.230	33530.988	21.174	22801.072	34.431
11/13/2016 10:50:00 PM	348600.000	72.866	17.993	166.084	29038.307	33524.984	21.170	22796.992	34.437
11/13/2016 10:55:00 PM	348900.000	72.870	17.993	166.093	29033.248	33519.410	21.166	22793.199	34.443
11/13/2016 11:00:00 PM	349200.000	72.873	17.993	166.099	29022.623	33507.258	21.158	22784.938	34.456
11/13/2016 11:05:00 PM	349500.000	72.875	17.993	166.104	29033.113	33519.125	21.166	22793.008	34.443
11/13/2016 11:10:00 PM	349800.000	72.877	17.993	166.108	29018.068	33501.563	21.154	22781.063	34.461
11/13/2016 11:15:00 PM	350100.000	72.875	17.993	166.105	29019.670	33503.730	21.155	22782.537	34.459
11/13/2016 11:20:00 PM	350400.000	72.869	17.993	166.091	29034.633	33520.809	21.167	22794.150	34.442
11/13/2016 11:25:00 PM	350700.000	72.878	17.993	166.112	29036.635	33523.246	21.169	22795.807	34.439
11/13/2016 11:30:00 PM	351000.000	72.853	17.993	166.055	29031.084	33516.836	21.164	22791.451	34.446
11/13/2016 11:35:00 PM	351300.000	72.872	17.993	166.098	29038.020	33524.719	21.170	22796.811	34.438
11/13/2016 11:40:00 PM	351600.000	72.878	17.993	166.111	29029.793	33515.289	21.163	22790.398	34.447
11/13/2016 11:45:00 PM	351900.000	72.883	17.993	166.122	29037.807	33524.789	21.170	22796.857	34.438
11/13/2016 11:50:00 PM	352200.000	72.879	17.993	166.114	29021.664	33506.035	21.157	22784.105	34.457
11/13/2016 11:55:00 PM	352500.000	72.877	17.993	166.108	29021.512	33505.660	21.157	22783.852	

34.457	1.015	14.819							
11/14/2016 12:00:00 AM	352800.000	72.854	17.993	166.056	29024.178	33508.938	21.159	22786.080	
34.454	1.015	14.821							
11/14/2016 12:05:00 AM	353100.000	72.874	17.992	166.102	29032.568	33518.941	21.166	22792.881	
34.444	1.015	14.818							
11/14/2016 12:10:00 AM	353400.000	72.877	17.993	166.110	29031.508	33517.270	21.165	22791.746	
34.445	1.015	14.816							
11/14/2016 12:15:00 AM	353700.000	72.881	17.992	166.119	29050.154	33539.176	21.180	22806.643	
34.423	1.015	14.814							
11/14/2016 12:20:00 AM	354000.000	72.881	17.993	166.118	29032.309	33518.379	21.165	22792.500	
34.444	1.015	14.815							
11/14/2016 12:25:00 AM	354300.000	72.880	17.993	166.115	29043.355	33530.684	21.174	22800.867	
34.431	1.015	14.816							
11/14/2016 12:30:00 AM	354600.000	72.879	17.993	166.113	29048.064	33536.707	21.178	22804.963	
34.426	1.015	14.817							
11/14/2016 12:35:00 AM	354900.000	72.875	17.993	166.104	29026.607	33511.543	21.161	22787.852	
34.451	1.015	14.816							
11/14/2016 12:40:00 AM	355200.000	72.872	17.993	166.097	29010.225	33492.883	21.148	22775.162	
34.471	1.015	14.816							
11/14/2016 12:45:00 AM	355500.000	72.878	17.993	166.112	29042.418	33529.922	21.174	22800.348	
34.432	1.015	14.815							
11/14/2016 12:50:00 AM	355800.000	72.870	17.993	166.092	29045.768	33533.789	21.176	22802.979	
34.428	1.015	14.816							
11/14/2016 12:55:00 AM	356100.000	72.871	17.993	166.096	29033.893	33519.832	21.167	22793.488	
34.443	1.015	14.816							
11/14/2016 1:00:00 AM	356400.000	72.870	17.992	166.094	29033.977	33520.500	21.167	22793.939	
34.442	1.015	14.816							
11/14/2016 1:05:00 AM	356700.000	72.871	17.993	166.096	29028.893	33514.250	21.163	22789.689	
34.448	1.015	14.816							
11/14/2016 1:10:00 AM	357000.000	72.870	17.993	166.093	29039.461	33526.188	21.171	22797.811	
34.436	1.015	14.815							
11/14/2016 1:15:00 AM	357300.000	72.872	17.993	166.099	29032.242	33517.926	21.165	22792.191	
34.444	1.015	14.815							
11/14/2016 1:20:00 AM	357600.000	72.866	17.993	166.084	29043.121	33531.000	21.174	22801.080	
34.432	1.015	14.814							
11/14/2016 1:25:00 AM	357900.000	72.868	17.993	166.088	29029.965	33515.617	21.164	22790.621	
34.447	1.015	14.814							
11/14/2016 1:30:00 AM	358200.000	72.867	17.993	166.087	29033.014	33518.742	21.166	22792.746	
34.444	1.015	14.813							
11/14/2016 1:35:00 AM	358500.000	72.846	17.993	166.038	29022.961	33507.457	21.158	22785.072	
34.455	1.015	14.813							
11/14/2016 1:40:00 AM	358800.000	72.865	17.993	166.082	29025.152	33509.668	21.159	22786.576	
34.453	1.015	14.814							
11/14/2016 1:45:00 AM	359100.000	72.865	17.993	166.082	29030.928	33516.785	21.164	22791.414	
34.446	1.015	14.814							
11/14/2016 1:50:00 AM	359400.000	72.861	17.993	166.072	29028.658	33514.109	21.163	22789.594	
34.449	1.015	14.815							
11/14/2016 1:55:00 AM	359700.000	72.859	17.993	166.068	29042.586	33530.117	21.174	22800.482	
34.432	1.015	14.816							
11/14/2016 2:00:00 AM	360000.000	72.852	17.992	166.053	29024.152	33509.156	21.159	22786.229	
34.454	1.015	14.818							
11/14/2016 2:05:00 AM	360300.000	72.855	17.993	166.060	29031.637	33517.664	21.165	22792.014	
34.445	1.015	14.817							
11/14/2016 2:10:00 AM	360600.000	72.849	17.993	166.046	29036.039	33522.633	21.168	22795.391	
34.440	1.015	14.817							
11/14/2016 2:15:00 AM	360900.000	72.851	17.993	166.051	29046.783	33534.715	21.177	22803.605	
34.427	1.015	14.816							
11/14/2016 2:20:00 AM	361200.000	72.851	17.993	166.050	29026.701	33511.852	21.161	22788.059	
34.451	1.015	14.814							
11/14/2016 2:25:00 AM	361500.000	72.861	17.993	166.072	29047.686	33536.133	21.178	22804.570	
34.426	1.015	14.811							
11/14/2016 2:30:00 AM	361800.000	72.853	17.993	166.054	29042.676	33530.219	21.174	22800.551	
34.432	1.015	14.808							
11/14/2016 2:35:00 AM	362100.000	72.852	17.993	166.051	29029.527	33515.113	21.163	22790.277	
34.448	1.015	14.811							
11/14/2016 2:40:00 AM	362400.000	72.834	17.994	166.010	29043.451	33530.602	21.174	22800.811	
34.431	1.015	14.813							
11/14/2016 2:45:00 AM	362700.000	72.825	17.993	165.991	29038.887	33526.109	21.171	22797.754	
34.437	1.015	14.815							
11/14/2016 2:50:00 AM	363000.000	72.844	17.993	166.033	29035.975	33522.555	21.168	22795.340	
34.440	1.015	14.815							
11/14/2016 2:55:00 AM	363300.000	72.844	17.993	166.035	29035.865	33522.164	21.168	22795.072	
34.440	1.015	14.814							
11/14/2016 3:00:00 AM	363600.000	72.841	17.993	166.027	29041.582	33528.711	21.173	22799.523	
34.433	1.015	14.813							
11/14/2016 3:05:00 AM	363900.000	72.848	17.993	166.042	29031.363	33517.426	21.165	22791.852	
34.446	1.015	14.812							
11/14/2016 3:10:00 AM	364200.000	72.846	17.993	166.040	29035.104	33521.422	21.168	22794.566	
34.441	1.015	14.810							
11/14/2016 3:15:00 AM	364500.000	72.846	17.993	166.038	29033.889	33520.266	21.167	22793.783	
34.443	1.015	14.809							
11/14/2016 3:20:00 AM	364800.000	72.845	17.993	166.036	29039.615	33526.949	21.171	22798.326	
34.436	1.015	14.809							
11/14/2016 3:25:00 AM	365100.000	72.845	17.992	166.036	29041.492	33529.438	21.173	22800.018	
34.433	1.015	14.809							
11/14/2016 3:30:00 AM	365400.000	72.822	17.993	165.985	29036.193	33522.414	21.168	22795.244	
34.440	1.015	14.809							
11/14/2016 3:35:00 AM	365700.000	72.824	17.993	165.988	29038.512	33525.484	21.170	22797.330	
34.437	1.015	14.810							
11/14/2016 3:40:00 AM	366000.000	72.840	17.993	166.024	29035.750	33522.352	21.168	22795.201	
34.440	1.015	14.810							
11/14/2016 3:45:00 AM	366300.000	72.837	17.993	166.018	29038.082	33525.180	21.170	22797.125	
34.438	1.015	14.811							
11/14/2016 3:50:00 AM	366600.000	72.839	17.993	166.023	29036.023	33522.414	21.168	22795.244	
34.440	1.015	14.812							
11/14/2016 3:55:00 AM	366900.000	72.833	17.993	166.009	29040.168	33527.516	21.172	22798.711	
34.435	1.015	14.813							
11/14/2016 4:00:00 AM	367200.000	72.832	17.993	166.006	29025.752	33510.488	21.160	22787.135	
34.452	1.015	14.813							
11/14/2016 4:05:00 AM	367500.000	72.832	17.993	166.006	29010.729	33493.336	21.148	22775.471	
34.470	1.015	14.812							
11/14/2016 4:10:00 AM	367800.000	72.836	17.992	166.015	29049.963	33539.090	21.180	22806.584	
34.423	1.015	14.810							
11/14/2016 4:15:00 AM	368100.000	72.837	17.993	166.017	29026.645	33511.977	21.161	22788.145	
34.451	1.015	14.809							
11/14/2016 4:20:00 AM	368400.000	72.834	17.993	166.011	29027.711	33512.941	21.162	22788.801	
34.450	1.015	14.810							
11/14/2016 4:25:00 AM	368700.000	72.834	17.993	166.012	29031.256	33517.164	21.165	22791.674	
34.446	1.015	14.811							
11/14/2016 4:30:00 AM	369000.000	72.837	17.993	166.019	29033.213	33519.168	21.166	22793.035	
34.443	1.015	14.813							
11/14/2016 4:35:00 AM	369300.000	72.839	17.993	166.023	29020.975	33505.293	21.156	22783.600	
34.458	1.015	14.812							
11/14/2016 4:40:00 AM	369600.000	72.836	17.993	166.016	29037.475	33524.215	21.170	22796.469	
34.438	1.015	14.811							
11/14/2016 4:45:00 AM	369900.000	72.835	17.993	166.012	29041.350	33528.305	21.172	22799.250	
34.434	1.015	14.810							
11/14/2016 4:50:00 AM	370200.000	72.840	17.993	166.024	29046.264	33534.363	21.177	22803.367	
34.428	1.015	14.810							
11/14/2016 4:55:00 AM	370500.000	72.840	17.993	166.025	29041.439	33528.473	21.173	22799.361	
34.434	1.015	14.810							
11/14/2016 5:00:00 AM	370800.000	72.840	17.993	166.024	29020.373	33504.348	21.156	22782.959	
34.459	1.015	14.811							
11/14/2016 5:05:00 AM	371100.000	72.837	17.993	166.019	29037.412	33524.141	21.170	22796.418	
34.438	1.015	14.810							
11/14/2016 5:10:00 AM	371400.000	72.841	17.992	166.028	29030.092	33516.148	21.164	22790.980	
34.447	1.015	14.810							
11/14/2016 5:15:00 AM	371700.000	72.840	17.993	166.025	29043.365	33530.695	21.174	22800.875	
34.431	1.015	14.810							
11/14/2016 5:20:00 AM	372000.000	72.842	17.993	166.030	29033.707	33520.129	21.167	22793.688	
34.443	1.015	14.810							
11/14/2016 5:25:00 AM	372300.000	72.844	17.993	166.033	29022.801	33507.082	21.158	22784.816	
34.456	1.015	14.809							

11/14/2016 5:30:00 AM	372600.000	72.845	17.993	166.035	29032.604	33518.590	21.166	22792.643
34.444	1.015	14.808						
11/14/2016 5:35:00 AM	372900.000	72.850	17.993	166.048	29030.258	33515.500	21.164	22790.543
34.447	1.015	14.810						
11/14/2016 5:40:00 AM	373200.000	72.825	17.993	165.990	29029.670	33515.277	21.163	22790.391
34.448	1.015	14.811						
11/14/2016 5:45:00 AM	373500.000	72.846	17.993	166.039	29026.732	33511.566	21.161	22787.867
34.451	1.015	14.812						
11/14/2016 5:50:00 AM	373800.000	72.848	17.993	166.043	29018.631	33502.723	21.155	22781.854
34.461	1.015	14.811						
11/14/2016 5:55:00 AM	374100.000	72.850	17.992	166.048	29030.684	33516.695	21.164	22791.355
34.446	1.015	14.809						
11/14/2016 6:00:00 AM	374400.000	72.856	17.993	166.062	29032.498	33518.598	21.166	22792.648
34.444	1.015	14.808						
11/14/2016 6:05:00 AM	374700.000	72.858	17.993	166.067	29027.746	33513.055	21.162	22788.877
34.450	1.015	14.809						
11/14/2016 6:10:00 AM	375000.000	72.858	17.993	166.066	29040.855	33528.117	21.172	22799.119
34.434	1.015	14.810						
11/14/2016 6:15:00 AM	375300.000	72.845	17.993	166.035	29033.984	33520.184	21.167	22793.727
34.442	1.015	14.811						
11/14/2016 6:20:00 AM	375600.000	72.865	17.993	166.081	29026.527	33511.648	21.161	22787.924
34.451	1.015	14.810						
11/14/2016 6:25:00 AM	375900.000	72.872	17.993	166.097	29023.545	33508.133	21.158	22785.531
34.455	1.015	14.809						
11/14/2016 6:30:00 AM	376200.000	72.856	17.993	166.061	29028.398	33513.289	21.162	22789.037
34.449	1.015	14.808						
11/14/2016 6:35:00 AM	376500.000	72.872	17.993	166.098	29042.553	33529.953	21.174	22800.371
34.432	1.015	14.808						
11/14/2016 6:40:00 AM	376800.000	72.882	17.993	166.120	29031.389	33517.133	21.165	22791.650
34.445	1.015	14.808						
11/14/2016 6:45:00 AM	377100.000	72.879	17.993	166.114	29031.129	33517.016	21.165	22791.570
34.446	1.015	14.808						
11/14/2016 6:50:00 AM	377400.000	72.883	17.993	166.124	29033.662	33520.078	21.167	22793.656
34.443	1.015	14.810						
11/14/2016 6:55:00 AM	377700.000	72.883	17.993	166.123	29040.258	33527.371	21.172	22798.615
34.435	1.015	14.813						
11/14/2016 7:00:00 AM	378000.000	72.881	17.993	166.117	29045.631	33533.703	21.176	22802.920
34.429	1.015	14.815						
11/14/2016 7:05:00 AM	378300.000	72.886	17.993	166.129	29030.246	33516.000	21.164	22790.883
34.447	1.015	14.817						
11/14/2016 7:10:00 AM	378600.000	72.890	17.993	166.139	29034.672	33521.172	21.167	22794.396
34.442	1.015	14.819						
11/14/2016 7:15:00 AM	378900.000	72.888	17.993	166.134	29039.559	33526.301	21.171	22797.887
34.436	1.015	14.821						
11/14/2016 7:20:00 AM	379200.000	72.889	17.993	166.136	29030.176	33515.598	21.164	22790.609
34.447	1.015	14.819						
11/14/2016 7:25:00 AM	379500.000	72.894	17.993	166.147	29047.043	33535.453	21.177	22804.107
34.427	1.015	14.816						
11/14/2016 7:30:00 AM	379800.000	72.905	17.993	166.173	29032.002	33517.703	21.165	22792.039
34.445	1.015	14.814						
11/14/2016 7:35:00 AM	380100.000	72.908	17.993	166.179	29040.371	33527.367	21.172	22798.611
34.435	1.015	14.817						
11/14/2016 7:40:00 AM	380400.000	72.908	17.993	166.179	29030.158	33516.031	21.164	22790.902
34.447	1.015	14.819						
11/14/2016 7:45:00 AM	380700.000	72.905	17.993	166.173	29034.613	33520.785	21.167	22794.137
34.442	1.015	14.822						
11/14/2016 7:50:00 AM	381000.000	72.913	17.994	166.191	29027.986	33512.691	21.162	22788.631
34.450	1.015	14.823						
11/14/2016 7:55:00 AM	381300.000	72.914	17.993	166.194	29033.648	33519.672	21.166	22793.379
34.443	1.015	14.824						
11/14/2016 8:00:00 AM	381600.000	72.914	17.993	166.194	29044.691	33532.492	21.175	22802.098
34.430	1.015	14.825						
11/14/2016 8:05:00 AM	381900.000	72.924	17.993	166.216	29036.760	33523.465	21.169	22795.957
34.439	1.015	14.823						
11/14/2016 8:10:00 AM	382200.000	72.928	17.993	166.225	29047.451	33535.996	21.178	22804.480
34.426	1.015	14.821						
11/14/2016 8:15:00 AM	382500.000	72.936	17.993	166.243	29032.213	33517.820	21.165	22792.117
34.444	1.015	14.818						
11/14/2016 8:20:00 AM	382800.000	72.932	17.993	166.235	29028.199	33513.770	21.162	22789.363
34.449	1.015	14.821						
11/14/2016 8:25:00 AM	383100.000	72.941	17.993	166.254	29022.951	33507.520	21.158	22785.115
34.455	1.015	14.823						
11/14/2016 8:30:00 AM	383400.000	72.936	17.993	166.243	29044.182	33531.832	21.175	22801.646
34.430	1.015	14.825						
11/14/2016 8:35:00 AM	383700.000	72.942	17.993	166.256	29048.996	33537.516	21.179	22805.514
34.425	1.015	14.823						
11/14/2016 8:40:00 AM	384000.000	72.947	17.993	166.269	29026.994	33512.113	21.161	22788.236
34.451	1.015	14.821						
11/14/2016 8:45:00 AM	384300.000	72.953	17.993	166.283	29033.873	33520.000	21.167	22793.600
34.443	1.015	14.819						
11/14/2016 8:50:00 AM	384600.000	72.951	17.993	166.278	29029.674	33514.961	21.163	22790.174
34.448	1.015	14.822						
11/14/2016 8:55:00 AM	384900.000	72.951	17.993	166.278	29036.449	33523.105	21.169	22795.713
34.439	1.015	14.825						
11/14/2016 9:00:00 AM	385200.000	72.956	17.993	166.290	29025.367	33510.309	21.160	22787.010
34.453	1.015	14.828						
11/14/2016 9:05:00 AM	385500.000	72.955	17.993	166.287	29052.982	33541.871	21.182	22808.473
34.420	1.015	14.827						
11/14/2016 9:10:00 AM	385800.000	72.966	17.993	166.311	29027.615	33512.832	21.162	22788.727
34.450	1.015	14.825						
11/14/2016 9:15:00 AM	386100.000	72.962	17.993	166.304	29006.574	33488.539	21.145	22772.207
34.475	1.015	14.824						
11/14/2016 9:20:00 AM	386400.000	72.965	17.993	166.309	29029.174	33514.309	21.163	22789.732
34.448	1.015	14.824						
11/14/2016 9:25:00 AM	386700.000	72.966	17.993	166.312	29051.279	33540.281	21.181	22807.393
34.422	1.015	14.824						
11/14/2016 9:30:00 AM	387000.000	72.971	17.993	166.324	29034.227	33520.410	21.167	22793.881
34.442	1.015	14.824						
11/14/2016 9:35:00 AM	387300.000	72.972	17.993	166.326	29045.371	33533.141	21.176	22802.535
34.429	1.015	14.825						
11/14/2016 9:40:00 AM	387600.000	72.972	17.993	166.326	29040.527	33527.293	21.172	22798.559
34.435	1.015	14.826						
11/14/2016 9:45:00 AM	387900.000	72.976	17.993	166.336	29032.629	33518.375	21.165	22792.498
34.444	1.015	14.827						
11/14/2016 9:50:00 AM	388200.000	72.981	17.993	166.345	29033.936	33520.074	21.167	22793.652
34.442	1.015	14.822						
11/14/2016 9:55:00 AM	388500.000	72.987	17.993	166.359	29050.912	33539.480	21.180	22806.848
34.422	1.015	14.818						
11/14/2016 10:00:00 AM	388800.000	72.992	17.993	166.372	29045.127	33532.992	21.176	22802.438
34.429	1.015	14.814						
11/14/2016 10:05:00 AM	389100.000	72.993	17.993	166.373	29037.623	33524.461	21.170	22796.635
34.438	1.015	14.814						
11/14/2016 10:10:00 AM	389400.000	72.999	17.993	166.386	29026.705	33511.656	21.161	22787.928
34.451	1.015	14.815						
11/14/2016 10:15:00 AM	389700.000	72.993	17.993	166.375	29036.039	33522.688	21.168	22795.430
34.440	1.015	14.815						
11/14/2016 10:20:00 AM	390000.000	72.995	17.993	166.378	29032.645	33518.445	21.166	22792.543
34.444	1.015	14.816						
11/14/2016 10:25:00 AM	390300.000	73.000	17.994	166.389	29042.004	33528.875	21.173	22799.635
34.433	1.015	14.817						
11/14/2016 10:30:00 AM	390600.000	72.992	17.993	166.371	29043.775	33531.105	21.174	22801.152
34.431	1.015	14.818						
11/14/2016 10:35:00 AM	390900.000	72.997	17.993	166.382	29033.270	33519.039	21.166	22792.947
34.443	1.015	14.819						
11/14/2016 10:40:00 AM	391200.000	72.993	17.993	166.374	29046.324	33534.238	21.177	22803.283
34.428	1.015	14.819						
11/14/2016 10:45:00 AM	391500.000	72.997	17.993	166.384	29021.221	33505.578	21.157	22783.795
34.458	1.015	14.820						
11/14/2016 10:50:00 AM	391800.000	72.998	17.993	166.385	29032.660	33518.848	21.166	22792.818
34.444	1.015	14.817						
11/14/2016 10:55:00 AM	392100.000	72.981	17.993	166.347	29035.422	33521.789	21.168	22794.816
34.441	1.015	14.815						
11/14/2016 11:00:00 AM	392400.000	73.005	17.993	166.402	29034.453	33520.801	21.167	22794.146

34.442	1.015	14.812						
11/14/2016 11:05:00 AM	392700.000	73.003	17.993	166.396	29034.150	33520.449	21.167	22793.906
34.442	1.015	14.813						
11/14/2016 11:10:00 AM	393000.000	72.999	17.993	166.387	29039.807	33526.660	21.171	22798.131
34.435	1.015	14.813						
11/14/2016 11:15:00 AM	393300.000	72.995	17.993	166.379	29042.139	33529.672	21.173	22800.178
34.433	1.015	14.813						
11/14/2016 11:20:00 AM	393600.000	73.001	17.993	166.391	29026.342	33510.980	21.160	22787.469
34.451	1.015	14.812						
11/14/2016 11:25:00 AM	393900.000	73.000	17.993	166.389	29045.660	33533.664	21.176	22802.895
34.429	1.015	14.810						
11/14/2016 11:30:00 AM	394200.000	72.999	17.993	166.387	29024.119	33508.672	21.159	22785.898
34.454	1.015	14.809						
11/14/2016 11:35:00 AM	394500.000	73.000	17.993	166.389	29030.842	33516.367	21.164	22791.133
34.446	1.015	14.807						
11/14/2016 11:40:00 AM	394800.000	73.002	17.993	166.394	29036.236	33522.859	21.169	22795.545
34.440	1.015	14.806						
11/14/2016 11:45:00 AM	395100.000	73.001	17.993	166.391	29036.137	33522.477	21.168	22795.287
34.440	1.015	14.805						
11/14/2016 11:50:00 AM	395400.000	72.996	17.993	166.380	29043.967	33531.840	21.175	22801.650
34.431	1.015	14.804						
11/14/2016 11:55:00 AM	395700.000	72.996	17.993	166.381	29047.732	33535.867	21.178	22804.393
34.426	1.015	14.804						
11/14/2016 12:00:00 PM	396000.000	72.992	17.993	166.371	29037.086	33523.574	21.169	22796.031
34.439	1.015	14.804						
11/14/2016 12:05:00 PM	396300.000	72.989	17.993	166.364	29032.197	33517.930	21.165	22792.195
34.445	1.015	14.804						
11/14/2016 12:10:00 PM	396600.000	72.993	17.993	166.374	29044.080	33531.969	21.175	22801.738
34.430	1.015	14.803						
11/14/2016 12:15:00 PM	396900.000	72.983	17.993	166.352	29045.283	33533.496	21.176	22802.777
34.429	1.015	14.803						
11/14/2016 12:20:00 PM	397200.000	72.980	17.993	166.345	29020.105	33503.914	21.155	22782.664
34.459	1.015	14.801						
11/14/2016 12:25:00 PM	397500.000	72.984	17.993	166.354	29032.131	33517.988	21.165	22792.234
34.445	1.015	14.800						
11/14/2016 12:30:00 PM	397800.000	72.988	17.993	166.362	29039.803	33527.168	21.172	22798.475
34.435	1.015	14.798						
11/14/2016 12:35:00 PM	398100.000	72.982	17.993	166.349	29025.455	33510.602	21.160	22787.211
34.453	1.015	14.798						
11/14/2016 12:40:00 PM	398400.000	72.983	17.993	166.351	29027.791	33512.980	21.162	22788.828
34.450	1.015	14.798						
11/14/2016 12:45:00 PM	398700.000	72.977	17.993	166.338	29058.303	33548.262	21.186	22812.818
34.414	1.015	14.798						
11/14/2016 12:50:00 PM	399000.000	72.971	17.993	166.324	29051.129	33539.922	21.180	22807.148
34.422	1.015	14.797						
11/14/2016 12:55:00 PM	399300.000	72.974	17.993	166.329	29037.764	33524.813	21.170	22796.875
34.438	1.015	14.797						
11/14/2016 1:00:00 PM	399600.000	72.947	17.993	166.268	29036.254	33522.559	21.168	22795.342
34.440	1.015	14.796						
11/14/2016 1:05:00 PM	399900.000	72.962	17.993	166.304	29030.578	33515.934	21.164	22790.836
34.446	1.015	14.797						
11/14/2016 1:10:00 PM	400200.000	72.960	17.993	166.297	29042.424	33530.121	21.174	22800.484
34.432	1.015	14.798						
11/14/2016 1:15:00 PM	400500.000	72.953	17.993	166.282	29023.484	33508.137	21.158	22785.533
34.455	1.015	14.799						
11/14/2016 1:20:00 PM	400800.000	72.951	17.993	166.277	29028.527	33513.563	21.162	22789.225
34.449	1.015	14.798						
11/14/2016 1:25:00 PM	401100.000	72.944	17.993	166.263	29031.256	33516.910	21.164	22791.502
34.446	1.015	14.798						
11/14/2016 1:30:00 PM	401400.000	72.943	17.993	166.259	29037.006	33523.863	21.169	22796.229
34.439	1.015	14.797						
11/14/2016 1:35:00 PM	401700.000	72.939	17.993	166.251	29044.924	33532.625	21.175	22802.188
34.429	1.015	14.797						
11/14/2016 1:40:00 PM	402000.000	72.935	17.993	166.240	29027.107	33512.055	21.161	22788.199
34.451	1.015	14.797						
11/14/2016 1:45:00 PM	402300.000	72.918	17.993	166.203	29045.381	33533.344	21.176	22802.676
34.429	1.015	14.796						
11/14/2016 1:50:00 PM	402600.000	72.930	17.993	166.229	29032.051	33517.828	21.165	22792.123
34.445	1.015	14.794						
11/14/2016 1:55:00 PM	402900.000	72.931	17.993	166.233	29032.855	33518.758	21.166	22792.758
34.444	1.015	14.791						
11/14/2016 2:00:00 PM	403200.000	72.930	17.993	166.230	29031.660	33517.500	21.165	22791.900
34.445	1.015	14.788						
11/14/2016 2:05:00 PM	403500.000	72.924	17.993	166.216	29027.459	33512.461	21.161	22788.475
34.450	1.015	14.790						
11/14/2016 2:10:00 PM	403800.000	72.921	17.993	166.209	29032.592	33518.652	21.166	22792.684
34.444	1.015	14.792						
11/14/2016 2:15:00 PM	404100.000	72.912	17.993	166.188	29033.893	33520.078	21.167	22793.656
34.443	1.015	14.793						
11/14/2016 2:20:00 PM	404400.000	72.907	17.993	166.178	29022.932	33507.105	21.158	22784.834
34.456	1.015	14.792						
11/14/2016 2:25:00 PM	404700.000	72.905	17.993	166.173	29024.697	33509.270	21.159	22786.305
34.453	1.015	14.791						
11/14/2016 2:30:00 PM	405000.000	72.888	17.993	166.135	29035.416	33521.781	21.168	22794.811
34.441	1.015	14.790						
11/14/2016 2:35:00 PM	405300.000	72.898	17.993	166.157	29038.174	33524.773	21.170	22796.846
34.437	1.015	14.792						
11/14/2016 2:40:00 PM	405600.000	72.894	17.993	166.148	29037.855	33524.727	21.170	22796.816
34.438	1.015	14.793						
11/14/2016 2:45:00 PM	405900.000	72.885	17.993	166.128	29037.898	33524.703	21.170	22796.801
34.438	1.015	14.795						
11/14/2016 2:50:00 PM	406200.000	72.884	17.993	166.125	29033.018	33519.141	21.166	22793.016
34.444	1.015	14.795						
11/14/2016 2:55:00 PM	406500.000	72.881	17.993	166.118	29056.887	33546.379	21.185	22811.539
34.415	1.015	14.794						
11/14/2016 3:00:00 PM	406800.000	72.878	17.993	166.111	29019.121	33502.969	21.155	22782.021
34.460	1.015	14.794						
11/14/2016 3:05:00 PM	407100.000	72.872	17.993	166.097	29036.379	33522.895	21.169	22795.570
34.440	1.015	14.794						
11/14/2016 3:10:00 PM	407400.000	72.872	17.993	166.099	29031.900	33517.656	21.165	22792.008
34.445	1.015	14.795						
11/14/2016 3:15:00 PM	407700.000	72.841	17.993	166.028	29057.750	33547.496	21.186	22812.297
34.414	1.015	14.796						
11/14/2016 3:20:00 PM	408000.000	72.855	17.993	166.060	29057.211	33546.875	21.185	22811.877
34.415	1.015	14.796						
11/14/2016 3:25:00 PM	408300.000	72.854	17.993	166.056	29042.455	33529.645	21.173	22800.160
34.432	1.015	14.795						
11/14/2016 3:30:00 PM	408600.000	72.850	17.993	166.048	29031.053	33516.355	21.164	22791.123
34.446	1.015	14.795						
11/14/2016 3:35:00 PM	408900.000	72.846	17.993	166.039	29052.832	33541.891	21.182	22808.486
34.420	1.015	14.795						
11/14/2016 3:40:00 PM	409200.000	72.844	17.993	166.034	29040.750	33528.188	21.172	22799.170
34.434	1.015	14.796						
11/14/2016 3:45:00 PM	409500.000	72.839	17.993	166.022	29037.266	33524.047	21.169	22796.352
34.439	1.015	14.797						
11/14/2016 3:50:00 PM	409800.000	72.836	17.993	166.015	29024.375	33509.035	21.159	22786.146
34.454	1.015	14.796						
11/14/2016 3:55:00 PM	410100.000	72.830	17.993	166.003	29022.863	33507.473	21.158	22785.084
34.456	1.015	14.795						
11/14/2016 4:00:00 PM	410400.000	72.829	17.993	166.001	29036.271	33522.824	21.169	22795.523
34.440	1.015	14.794						
11/14/2016 4:05:00 PM	410700.000	72.824	17.993	165.988	29035.754	33522.301	21.168	22795.166
34.440	1.015	14.796						
11/14/2016 4:10:00 PM	411000.000	72.817	17.993	165.972	29028.707	33514.355	21.163	22789.762
34.449	1.015	14.797						
11/14/2016 4:15:00 PM	411300.000	72.810	17.993	165.956	29052.480	33541.348	21.181	22808.119
34.420	1.015	14.799						
11/14/2016 4:20:00 PM	411600.000	72.810	17.993	165.955	29041.863	33529.355	21.173	22799.965
34.433	1.015	14.800						
11/14/2016 4:25:00 PM	411900.000	72.806	17.993	165.947	29021.992	33506.285	21.157	22784.275
34.457	1.015	14.800						
11/14/2016 4:30:00 PM	412200.000	72.798	17.993	165.928	29023.037	33507.301	21.158	22784.965
34.455	1.015	14.801						

11/14/2016 4:35:00 PM	412500.000	72.793	17.993	165.918	29023.836	33508.277	21.158	22785.629	34.454
11/14/2016 4:40:00 PM	412800.000	72.772	17.993	165.870	29035.156	33521.094	21.167	22794.344	34.441
11/14/2016 4:45:00 PM	413100.000	72.788	17.993	165.906	29047.467	33535.695	21.178	22804.273	34.426
11/14/2016 4:50:00 PM	413400.000	72.785	17.993	165.900	29026.328	33511.289	21.161	22787.680	34.451
11/14/2016 4:55:00 PM	413700.000	72.782	17.993	165.893	29049.623	33538.313	21.179	22806.053	34.424
11/14/2016 5:00:00 PM	414000.000	72.785	17.993	165.900	29033.355	33519.648	21.166	22793.361	34.443
11/14/2016 5:05:00 PM	414300.000	72.782	17.993	165.893	29039.271	33525.969	21.171	22797.658	34.436
11/14/2016 5:10:00 PM	414600.000	72.777	17.993	165.881	29043.256	33530.699	21.174	22800.877	34.431
11/14/2016 5:15:00 PM	414900.000	72.780	17.993	165.888	29045.943	33533.672	21.176	22802.898	34.428
11/14/2016 5:20:00 PM	415200.000	72.771	17.993	165.868	29026.732	33511.430	21.161	22787.773	34.451
11/14/2016 5:25:00 PM	415500.000	72.773	17.993	165.871	29037.641	33524.480	21.170	22796.648	34.438
11/14/2016 5:30:00 PM	415800.000	72.773	17.993	165.873	29040.361	33527.547	21.172	22798.732	34.435
11/14/2016 5:35:00 PM	416100.000	72.770	17.992	165.865	29017.113	33501.098	21.153	22780.746	34.462
11/14/2016 5:40:00 PM	416400.000	72.772	17.993	165.870	29028.514	33513.484	21.162	22789.172	34.449
11/14/2016 5:45:00 PM	416700.000	72.774	17.993	165.874	29033.861	33520.043	21.167	22793.631	34.443
11/14/2016 5:50:00 PM	417000.000	72.764	17.993	165.852	29020.561	33504.953	21.156	22783.371	34.458
11/14/2016 5:55:00 PM	417300.000	72.745	17.993	165.809	29035.223	33521.742	21.168	22794.787	34.441
11/14/2016 6:00:00 PM	417600.000	72.761	17.993	165.844	29035.357	33521.844	21.168	22794.855	34.441
11/14/2016 6:05:00 PM	417900.000	72.752	17.993	165.825	29019.543	33503.387	21.155	22782.305	34.460
11/14/2016 6:10:00 PM	418200.000	72.750	17.993	165.821	29035.387	33521.750	21.168	22794.793	34.441
11/14/2016 6:15:00 PM	418500.000	72.749	17.993	165.816	29044.561	33532.523	21.175	22802.117	34.430
11/14/2016 6:20:00 PM	418800.000	72.753	17.993	165.826	29034.754	33521.148	21.167	22794.383	34.441
11/14/2016 6:25:00 PM	419100.000	72.733	17.993	165.780	29056.742	33546.266	21.185	22811.463	34.415
11/14/2016 6:30:00 PM	419400.000	72.752	17.993	165.824	29031.893	33517.715	21.165	22792.047	34.445
11/14/2016 6:35:00 PM	419700.000	72.755	17.993	165.831	29031.602	33516.988	21.165	22791.553	34.445
11/14/2016 6:40:00 PM	420000.000	72.752	17.993	165.824	29032.717	33518.797	21.166	22792.781	34.444
11/14/2016 6:45:00 PM	420300.000	72.756	17.993	165.833	29041.766	33529.242	21.173	22799.887	34.433
11/14/2016 6:50:00 PM	420600.000	72.751	17.993	165.822	29037.109	33523.867	21.169	22796.232	34.439
11/14/2016 6:55:00 PM	420900.000	72.755	17.993	165.830	29030.674	33516.555	21.164	22791.260	34.446
11/14/2016 7:00:00 PM	421200.000	72.759	17.993	165.841	29044.768	33532.633	21.175	22802.193	34.430
11/14/2016 7:05:00 PM	421500.000	72.758	17.993	165.838	29029.504	33515.203	21.163	22790.338	34.448
11/14/2016 7:10:00 PM	421800.000	72.761	17.993	165.845	29030.930	33516.336	21.164	22791.111	34.446
11/14/2016 7:15:00 PM	422100.000	72.758	17.993	165.839	29045.389	33533.617	21.176	22802.859	34.429
11/14/2016 7:20:00 PM	422400.000	72.760	17.993	165.844	29030.793	33516.500	21.164	22791.221	34.446
11/14/2016 7:25:00 PM	422700.000	72.758	17.993	165.838	29035.906	33522.477	21.168	22795.287	34.440
11/14/2016 7:30:00 PM	423000.000	72.757	17.993	165.836	29020.658	33504.746	21.156	22783.230	34.458
11/14/2016 7:35:00 PM	423300.000	72.738	17.993	165.792	29035.305	33521.781	21.168	22794.811	34.441
11/14/2016 7:40:00 PM	423600.000	72.763	17.993	165.850	29029.072	33514.645	21.163	22789.961	34.448
11/14/2016 7:45:00 PM	423900.000	72.761	17.993	165.846	29026.092	33510.949	21.160	22787.447	34.452
11/14/2016 7:50:00 PM	424200.000	72.763	17.993	165.849	29033.457	33519.648	21.166	22793.361	34.443
11/14/2016 7:55:00 PM	424500.000	72.767	17.993	165.858	29023.082	33507.672	21.158	22785.217	34.455
11/14/2016 8:00:00 PM	424800.000	72.766	17.993	165.855	29037.590	33524.477	21.170	22796.646	34.438
11/14/2016 8:05:00 PM	425100.000	72.773	17.993	165.873	29041.563	33529.063	21.173	22799.764	34.433
11/14/2016 8:10:00 PM	425400.000	72.775	17.993	165.878	29041.213	33528.086	21.172	22799.102	34.434
11/14/2016 8:15:00 PM	425700.000	72.776	17.993	165.880	29033.365	33519.543	21.166	22793.291	34.443
11/14/2016 8:20:00 PM	426000.000	72.778	17.993	165.883	29033.453	33519.445	21.166	22793.225	34.443
11/14/2016 8:25:00 PM	426300.000	72.780	17.993	165.887	29056.020	33545.570	21.184	22810.990	34.416
11/14/2016 8:30:00 PM	426600.000	72.780	17.993	165.888	29034.400	33520.418	21.167	22793.887	34.442
11/14/2016 8:35:00 PM	426900.000	72.777	17.993	165.881	29036.102	33522.574	21.168	22795.354	34.440
11/14/2016 8:40:00 PM	427200.000	72.780	17.993	165.889	29022.070	33506.621	21.157	22784.504	34.457
11/14/2016 8:45:00 PM	427500.000	72.784	17.993	165.898	29022.586	33507.215	21.158	22784.906	34.456
11/14/2016 8:50:00 PM	427800.000	72.786	17.993	165.903	29039.713	33526.551	21.171	22798.055	34.436
11/14/2016 8:55:00 PM	428100.000	72.789	17.993	165.908	29043.105	33530.844	21.174	22800.977	34.432
11/14/2016 9:00:00 PM	428400.000	72.790	17.993	165.911	29022.943	33507.438	21.158	22785.059	34.455
11/14/2016 9:05:00 PM	428700.000	72.795	17.993	165.923	29027.260	33512.297	21.161	22788.363	34.450
11/14/2016 9:10:00 PM	429000.000	72.793	17.993	165.918	29041.369	33528.711	21.173	22799.523	34.434
11/14/2016 9:15:00 PM	429300.000	72.796	17.993	165.925	29033.756	33519.797	21.166	22793.465	34.443
11/14/2016 9:20:00 PM	429600.000	72.800	17.993	165.933	29039.363	33526.340	21.171	22797.912	34.436
11/14/2016 9:25:00 PM	429900.000	72.802	17.993	165.938	29038.494	33525.465	21.170	22797.318	34.437
11/14/2016 9:30:00 PM	430200.000	72.789	17.993	165.907	29025.930	33510.762	21.160	22787.318	34.452
11/14/2016 9:35:00 PM	430500.000	72.807	17.993	165.950	29047.551	33535.848	21.178	22804.379	34.426
11/14/2016 9:40:00 PM	430800.000	72.815	17.994	165.967	29045.691	33533.059	21.176	22802.480	34.429
11/14/2016 9:45:00 PM	431100.000	72.814	17.993	165.965	29041.020	33528.500	21.173	22799.381	34.434
11/14/2016 9:50:00 PM	431400.000	72.811	17.993	165.958	29037.449	33524.059	21.169	22796.359	34.438
11/14/2016 9:55:00 PM	431700.000	72.816	17.993	165.969	29043.703	33531.215	21.174	22801.229	34.431
11/14/2016 10:00:00 PM	432000.000	72.816	17.993	165.970	29036.322	33523.074	21.169	22795.693	34.440
11/14/2016 10:05:00 PM	432300.000	72.820	17.993	165.980	29037.426	33523.965	21.169	22796.297	

34.438	1.015	14.802								
11/14/2016 10:10:00 PM	432600.000	72.824	17.993	165.989	29025.447	33510.520	21.160	22787.154		
34.453	1.015	14.802								
11/14/2016 10:15:00 PM	432900.000	72.829	17.993	166.001	29023.555	33508.020	21.158	22785.453		
34.455	1.015	14.801								
11/14/2016 10:20:00 PM	433200.000	72.831	17.993	166.005	29037.633	33524.398	21.170	22796.592		
34.438	1.015	14.800								
11/14/2016 10:25:00 PM	433500.000	72.834	17.993	166.012	29039.355	33526.141	21.171	22797.777		
34.436	1.015	14.799								
11/14/2016 10:30:00 PM	433800.000	72.835	17.993	166.015	29042.660	33530.008	21.174	22800.408		
34.432	1.015	14.799								
11/14/2016 10:35:00 PM	434100.000	72.836	17.993	166.017	29047.021	33535.113	21.177	22803.879		
34.427	1.015	14.799								
11/14/2016 10:40:00 PM	434400.000	72.836	17.992	166.015	29036.920	33524.090	21.169	22796.381		
34.439	1.015	14.799								
11/14/2016 10:45:00 PM	434700.000	72.840	17.993	166.025	29029.523	33514.844	21.163	22790.094		
34.448	1.015	14.800								
11/14/2016 10:50:00 PM	435000.000	72.823	17.993	165.987	29012.408	33495.402	21.150	22776.875		
34.468	1.015	14.798								
11/14/2016 10:55:00 PM	435300.000	72.845	17.993	166.035	29040.719	33527.961	21.172	22799.016		
34.434	1.015	14.797								
11/14/2016 11:00:00 PM	435600.000	72.852	17.993	166.053	29044.662	33532.512	21.175	22802.109		
34.430	1.015	14.795								
11/14/2016 11:05:00 PM	435900.000	72.854	17.993	166.056	29045.553	33533.418	21.176	22802.725		
34.429	1.015	14.798								
11/14/2016 11:10:00 PM	436200.000	72.857	17.993	166.064	29037.014	33523.684	21.169	22796.105		
34.439	1.015	14.800								
11/14/2016 11:15:00 PM	436500.000	72.849	17.993	166.046	29044.100	33531.992	21.175	22801.758		
34.430	1.015	14.802								
11/14/2016 11:20:00 PM	436800.000	72.834	17.993	166.012	29032.543	33518.465	21.166	22792.559		
34.444	1.015	14.803								
11/14/2016 11:25:00 PM	437100.000	72.849	17.993	166.045	29021.285	33505.789	21.157	22783.939		
34.457	1.015	14.804								
11/14/2016 11:30:00 PM	437400.000	72.857	17.993	166.064	29041.396	33528.688	21.173	22799.510		
34.434	1.015	14.805								
11/14/2016 11:35:00 PM	437700.000	72.857	17.993	166.063	29044.398	33531.887	21.175	22801.686		
34.430	1.015	14.803								
11/14/2016 11:40:00 PM	438000.000	72.863	17.993	166.077	29049.547	33537.832	21.179	22805.727		
34.424	1.015	14.801								
11/14/2016 11:45:00 PM	438300.000	72.867	17.993	166.085	29037.061	33524.000	21.169	22796.322		
34.439	1.015	14.799								
11/14/2016 11:50:00 PM	438600.000	72.865	17.992	166.082	29029.145	33515.113	21.163	22790.277		
34.448	1.015	14.800								
11/14/2016 11:55:00 PM	438900.000	72.868	17.993	166.089	29043.461	33531.391	21.175	22801.348		
34.431	1.015	14.800								
11/15/2016 12:00:00 AM	439200.000	72.871	17.993	166.095	29042.682	33529.980	21.174	22800.389		
34.432	1.015	14.801								
11/15/2016 12:05:00 AM	439500.000	72.866	17.993	166.083	29043.775	33531.363	21.175	22801.328		
34.431	1.015	14.801								
11/15/2016 12:10:00 AM	439800.000	72.871	17.993	166.095	29040.150	33527.434	21.172	22798.654		
34.435	1.015	14.800								
11/15/2016 12:15:00 AM	440100.000	72.871	17.992	166.095	29045.924	33534.426	21.177	22803.412		
34.428	1.015	14.800								
11/15/2016 12:20:00 AM	440400.000	72.871	17.993	166.096	29033.529	33519.926	21.167	22793.551		
34.443	1.015	14.800								
11/15/2016 12:25:00 AM	440700.000	72.851	17.993	166.051	29041.736	33528.941	21.173	22799.682		
34.433	1.015	14.801								
11/15/2016 12:30:00 AM	441000.000	72.868	17.993	166.088	29058.354	33548.266	21.186	22812.822		
34.414	1.015	14.801								
11/15/2016 12:35:00 AM	441300.000	72.871	17.993	166.096	29029.988	33515.570	21.164	22790.588		
34.447	1.015	14.800								
11/15/2016 12:40:00 AM	441600.000	72.871	17.992	166.096	29028.090	33513.836	21.162	22789.410		
34.449	1.015	14.800								
11/15/2016 12:45:00 AM	441900.000	72.877	17.993	166.109	29029.197	33514.465	21.163	22789.836		
34.448	1.015	14.799								
11/15/2016 12:50:00 AM	442200.000	72.877	17.993	166.110	29047.697	33535.633	21.178	22804.232		
34.426	1.015	14.799								
11/15/2016 12:55:00 AM	442500.000	72.860	17.993	166.071	29044.273	33532.191	21.175	22801.891		
34.430	1.015	14.798								
11/15/2016 1:00:00 AM	442800.000	72.881	17.993	166.119	29035.758	33522.363	21.168	22795.207		
34.440	1.015	14.797								
11/15/2016 1:05:00 AM	443100.000	72.857	17.993	166.064	29050.984	33540.078	21.181	22807.254		
34.422	1.015	14.799								
11/15/2016 1:10:00 AM	443400.000	72.875	17.992	166.105	29019.805	33504.203	21.156	22782.857		
34.459	1.015	14.801								
11/15/2016 1:15:00 AM	443700.000	72.873	17.993	166.099	29050.090	33538.906	21.180	22806.457		
34.423	1.015	14.802								
11/15/2016 1:20:00 AM	444000.000	72.871	17.992	166.096	29036.096	33523.012	21.169	22795.648		
34.440	1.015	14.804								
11/15/2016 1:25:00 AM	444300.000	72.874	17.993	166.102	29025.064	33509.695	21.159	22786.594		
34.453	1.015	14.805								
11/15/2016 1:30:00 AM	444600.000	72.869	17.993	166.090	29036.895	33523.676	21.169	22796.102		
34.439	1.015	14.806								
11/15/2016 1:35:00 AM	444900.000	72.872	17.992	166.097	29044.154	33532.383	21.175	22802.023		
34.430	1.015	14.805								
11/15/2016 1:40:00 AM	445200.000	72.871	17.993	166.096	29045.834	33533.422	21.176	22802.727		
34.428	1.015	14.804								
11/15/2016 1:45:00 AM	445500.000	72.874	17.993	166.101	29044.033	33531.539	21.175	22801.449		
34.430	1.015	14.802								
11/15/2016 1:50:00 AM	445800.000	72.873	17.993	166.100	29035.814	33522.051	21.168	22794.994		
34.440	1.015	14.803								
11/15/2016 1:55:00 AM	446100.000	72.868	17.993	166.088	29047.809	33536.219	21.178	22804.631		
34.426	1.015	14.804								
11/15/2016 2:00:00 AM	446400.000	72.864	17.993	166.080	29036.545	33523.016	21.169	22795.652		
34.439	1.015	14.804								
11/15/2016 2:05:00 AM	446700.000	72.874	17.993	166.101	29033.484	33519.551	21.166	22793.297		
34.443	1.015	14.801								
11/15/2016 2:10:00 AM	447000.000	72.875	17.993	166.104	29038.252	33525.188	21.170	22797.129		
34.437	1.015	14.799								
11/15/2016 2:15:00 AM	447300.000	72.873	17.993	166.100	29030.992	33516.410	21.164	22791.158		
34.446	1.015	14.796								
11/15/2016 2:20:00 AM	447600.000	72.872	17.993	166.098	29043.594	33531.352	21.175	22801.318		
34.431	1.015	14.798								
11/15/2016 2:25:00 AM	447900.000	72.866	17.992	166.085	29040.766	33528.602	21.173	22799.449		
34.434	1.015	14.799								
11/15/2016 2:30:00 AM	448200.000	72.873	17.993	166.101	29044.865	33532.746	21.175	22802.270		
34.429	1.015	14.801								
11/15/2016 2:35:00 AM	448500.000	72.872	17.993	166.098	29021.895	33506.172	21.157	22784.199		
34.457	1.015	14.803								
11/15/2016 2:40:00 AM	448800.000	72.845	17.993	166.035	29047.707	33536.027	21.178	22804.498		
34.426	1.015	14.805								
11/15/2016 2:45:00 AM	449100.000	72.861	17.993	166.073	29031.936	33517.695	21.165	22792.033		
34.445	1.015	14.807								
11/15/2016 2:50:00 AM	449400.000	72.856	17.993	166.062	29031.814	33517.754	21.165	22792.074		
34.445	1.015	14.806								
11/15/2016 2:55:00 AM	449700.000	72.858	17.993	166.067	29054.795	33544.285	21.183	22810.113		
34.418	1.015	14.805								
11/15/2016 3:00:00 AM	450000.000	72.858	17.992	166.066	29051.070	33540.301	21.181	22807.406		
34.422	1.015	14.804								
11/15/2016 3:05:00 AM	450300.000	72.854	17.993	166.058	29037.988	33524.426	21.170	22796.609		
34.438	1.015	14.803								
11/15/2016 3:10:00 AM	450600.000	72.856	17.993	166.060	29037.918	33524.602	21.170	22796.730		
34.438	1.015	14.803								
11/15/2016 3:15:00 AM	450900.000	72.856	17.993	166.062	29038.402	33525.039	21.170	22797.027		
34.437	1.015	14.802								
11/15/2016 3:20:00 AM	451200.000	72.854	17.993	166.058	29037.711	33524.680	21.170	22796.783		
34.438	1.015	14.804								
11/15/2016 3:25:00 AM	451500.000	72.849	17.993	166.046	29044.840	33532.594	21.175	22802.166		
34.430	1.015	14.805								
11/15/2016 3:30:00 AM	451800.000	72.850	17.993	166.048	29031.354	33516.902	21.164	22791.494		
34.446	1.015	14.807								
11/15/2016 3:35:00 AM	452100.000	72.852	17.993	166.052	29025.078	33509.977	21.160	22786.787		
34.453	1.015	14.803								

11/15/2016 3:40:00 AM	452400.000	72.851	17.993	166.050	29041.318	33528.598	21.173	22799.447
34.434	1.015	14.799						
11/15/2016 3:45:00 AM	452700.000	72.860	17.993	166.071	29036.154	33522.633	21.168	22795.391
34.440	1.015	14.795						
11/15/2016 3:50:00 AM	453000.000	72.857	17.993	166.064	29028.951	33514.504	21.163	22789.863
34.448	1.015	14.796						
11/15/2016 3:55:00 AM	453300.000	72.828	17.993	165.997	29031.074	33516.953	21.164	22791.531
34.446	1.015	14.796						
11/15/2016 4:00:00 AM	453600.000	72.853	17.993	166.054	29045.092	33532.688	21.175	22802.229
34.429	1.015	14.797						
11/15/2016 4:05:00 AM	453900.000	72.851	17.993	166.050	29041.414	33528.441	21.173	22799.342
34.434	1.015	14.798						
11/15/2016 4:10:00 AM	454200.000	72.847	17.993	166.040	29026.971	33511.840	21.161	22788.051
34.451	1.015	14.799						
11/15/2016 4:15:00 AM	454500.000	72.846	17.993	166.038	29046.477	33534.605	21.177	22803.531
34.428	1.015	14.799						
11/15/2016 4:20:00 AM	454800.000	72.845	17.993	166.036	29032.953	33519.066	21.166	22792.967
34.444	1.015	14.799						
11/15/2016 4:25:00 AM	455100.000	72.845	17.993	166.036	29031.939	33517.633	21.165	22791.992
34.445	1.015	14.799						
11/15/2016 4:30:00 AM	455400.000	72.830	17.993	166.003	29047.502	33535.598	21.177	22804.209
34.426	1.015	14.798						
11/15/2016 4:35:00 AM	455700.000	72.852	17.993	166.051	29037.412	33524.332	21.170	22796.549
34.438	1.015	14.799						
11/15/2016 4:40:00 AM	456000.000	72.847	17.993	166.040	29032.828	33518.602	21.166	22792.650
34.444	1.015	14.799						
11/15/2016 4:45:00 AM	456300.000	72.847	17.993	166.041	29035.615	33522.141	21.168	22795.057
34.440	1.015	14.799						
11/15/2016 4:50:00 AM	456600.000	72.842	17.993	166.030	29043.771	33531.559	21.175	22801.463
34.431	1.015	14.799						
11/15/2016 4:55:00 AM	456900.000	72.846	17.993	166.038	29046.914	33534.668	21.177	22803.576
34.427	1.015	14.800						
11/15/2016 5:00:00 AM	457200.000	72.840	17.993	166.026	29023.814	33508.063	21.158	22785.484
34.454	1.015	14.801						
11/15/2016 5:05:00 AM	457500.000	72.847	17.993	166.041	29026.195	33510.945	21.160	22787.445
34.452	1.015	14.799						
11/15/2016 5:10:00 AM	457800.000	72.844	17.993	166.035	29026.904	33511.820	21.161	22788.039
34.451	1.015	14.797						
11/15/2016 5:15:00 AM	458100.000	72.848	17.993	166.044	29025.645	33510.555	21.160	22787.178
34.452	1.015	14.795						
11/15/2016 5:20:00 AM	458400.000	72.847	17.993	166.041	29043.074	33530.555	21.174	22800.779
34.432	1.015	14.796						
11/15/2016 5:25:00 AM	458700.000	72.850	17.993	166.048	29037.283	33524.066	21.169	22796.365
34.438	1.015	14.798						
11/15/2016 5:30:00 AM	459000.000	72.846	17.993	166.039	29037.506	33524.125	21.169	22796.406
34.438	1.015	14.799						
11/15/2016 5:35:00 AM	459300.000	72.827	17.993	165.996	29025.129	33509.961	21.160	22786.773
34.453	1.015	14.799						
11/15/2016 5:40:00 AM	459600.000	72.847	17.993	166.042	29039.871	33526.926	21.171	22798.311
34.435	1.015	14.800						
11/15/2016 5:45:00 AM	459900.000	72.847	17.993	166.041	29047.176	33535.223	21.177	22803.953
34.427	1.015	14.801						
11/15/2016 5:50:00 AM	460200.000	72.851	17.993	166.051	29043.182	33530.746	21.174	22800.908
34.431	1.015	14.799						
11/15/2016 5:55:00 AM	460500.000	72.855	17.993	166.059	29035.568	33522.012	21.168	22794.969
34.441	1.015	14.797						
11/15/2016 6:00:00 AM	460800.000	72.858	17.993	166.067	29043.658	33531.031	21.174	22801.104
34.431	1.015	14.795						
11/15/2016 6:05:00 AM	461100.000	72.857	17.993	166.063	29047.463	33535.621	21.177	22804.225
34.426	1.015	14.796						
11/15/2016 6:10:00 AM	461400.000	72.854	17.993	166.056	29033.680	33519.832	21.167	22793.488
34.443	1.015	14.798						
11/15/2016 6:15:00 AM	461700.000	72.857	17.993	166.064	29039.445	33526.363	21.171	22797.930
34.436	1.015	14.800						
11/15/2016 6:20:00 AM	462000.000	72.859	17.993	166.068	29034.453	33520.855	21.167	22794.182
34.442	1.015	14.800						
11/15/2016 6:25:00 AM	462300.000	72.859	17.993	166.068	29033.461	33519.523	21.166	22793.275
34.443	1.015	14.800						
11/15/2016 6:30:00 AM	462600.000	72.859	17.993	166.067	29035.811	33522.422	21.168	22795.250
34.440	1.015	14.800						
11/15/2016 6:35:00 AM	462900.000	72.861	17.993	166.073	29036.455	33523.039	21.169	22795.668
34.439	1.015	14.800						
11/15/2016 6:40:00 AM	463200.000	72.860	17.993	166.070	29033.375	33519.426	21.166	22793.211
34.443	1.015	14.800						
11/15/2016 6:45:00 AM	463500.000	72.859	17.993	166.068	29037.164	33523.535	21.169	22796.006
34.439	1.015	14.800						
11/15/2016 6:50:00 AM	463800.000	72.847	17.993	166.041	29051.793	33540.301	21.181	22807.406
34.421	1.015	14.800						
11/15/2016 6:55:00 AM	464100.000	72.869	17.993	166.092	29038.141	33524.930	21.170	22796.955
34.437	1.015	14.799						
11/15/2016 7:00:00 AM	464400.000	72.872	17.993	166.098	29028.492	33513.918	21.162	22789.467
34.449	1.015	14.798						
11/15/2016 7:05:00 AM	464700.000	72.871	17.993	166.095	29042.238	33529.789	21.173	22800.256
34.433	1.015	14.797						
11/15/2016 7:10:00 AM	465000.000	72.875	17.993	166.104	29043.055	33530.656	21.174	22800.846
34.432	1.015	14.796						
11/15/2016 7:15:00 AM	465300.000	72.861	17.993	166.072	29032.000	33517.969	21.165	22792.219
34.445	1.015	14.795						
11/15/2016 7:20:00 AM	465600.000	72.890	17.993	166.116	29063.992	33554.828	21.191	22817.283
34.407	1.015	14.796						
11/15/2016 7:25:00 AM	465900.000	72.884	17.993	166.125	29045.195	33533.258	21.176	22802.615
34.429	1.015	14.797						
11/15/2016 7:30:00 AM	466200.000	72.885	17.993	166.128	29019.232	33502.906	21.155	22781.977
34.460	1.015	14.798						
11/15/2016 7:35:00 AM	466500.000	72.889	17.993	166.136	29039.406	33526.445	21.171	22797.982
34.436	1.015	14.796						
11/15/2016 7:40:00 AM	466800.000	72.889	17.993	166.137	29051.613	33540.414	21.181	22807.484
34.421	1.015	14.794						
11/15/2016 7:45:00 AM	467100.000	72.892	17.993	166.144	29034.984	33521.531	21.168	22794.641
34.441	1.015	14.793						
11/15/2016 7:50:00 AM	467400.000	72.899	17.993	166.159	29024.135	33508.887	21.159	22786.043
34.454	1.015	14.792						
11/15/2016 7:55:00 AM	467700.000	72.884	17.993	166.125	29041.611	33528.742	21.173	22799.545
34.433	1.015	14.792						
11/15/2016 8:00:00 AM	468000.000	72.902	17.993	166.166	29050.516	33539.398	21.180	22806.791
34.423	1.015	14.792						
11/15/2016 8:05:00 AM	468300.000	72.904	17.993	166.171	29032.389	33518.098	21.165	22792.307
34.444	1.015	14.793						
11/15/2016 8:10:00 AM	468600.000	72.908	17.993	166.179	29039.967	33527.355	21.172	22798.604
34.435	1.015	14.795						
11/15/2016 8:15:00 AM	468900.000	72.911	17.993	166.186	29051.457	33540.488	21.181	22807.535
34.422	1.015	14.796						
11/15/2016 8:20:00 AM	469200.000	72.912	17.992	166.188	29036.146	33523.195	21.169	22795.775
34.440	1.015	14.794						
11/15/2016 8:25:00 AM	469500.000	72.919	17.993	166.205	29048.746	33536.906	21.178	22805.098
34.425	1.015	14.792						
11/15/2016 8:30:00 AM	469800.000	72.923	17.993	166.214	29044.770	33532.512	21.175	22802.109
34.430	1.015	14.789						
11/15/2016 8:35:00 AM	470100.000	72.904	17.993	166.171	29030.629	33516.383	21.164	22791.141
34.446	1.015	14.793						
11/15/2016 8:40:00 AM	470400.000	72.919	17.993	166.206	29042.955	33530.418	21.174	22800.684
34.432	1.015	14.797						
11/15/2016 8:45:00 AM	470700.000	72.921	17.993	166.209	29049.063	33537.148	21.179	22805.264
34.425	1.015	14.801						
11/15/2016 8:50:00 AM	471000.000	72.931	17.993	166.233	29035.510	33522.020	21.168	22794.973
34.441	1.015	14.800						
11/15/2016 8:55:00 AM	471300.000	72.935	17.993	166.242	29048.121	33536.383	21.178	22804.740
34.426	1.015	14.799						
11/15/2016 9:00:00 AM	471600.000	72.938	17.993	166.248	29050.281	33538.754	21.180	22806.355
34.423	1.015	14.797						
11/15/2016 9:05:00 AM	471900.000	72.938	17.993	166.247	29023.053	33507.563	21.158	22785.143
34.455	1.015	14.798						
11/15/2016 9:10:00 AM	472200.000	72.926	17.993	166.220	29056.393	33546.055	21.185	22811.320

34.416	1.015	14.799						
11/15/2016 9:15:00 AM	472500.000	72.942	17.993	166.256	29060.801	33551.336	21.188	22814.908
34.411	1.015	14.800						
11/15/2016 9:20:00 AM	472800.000	72.948	17.993	166.271	29028.572	33513.883	21.162	22789.441
34.449	1.015	14.800						
11/15/2016 9:25:00 AM	473100.000	72.953	17.993	166.282	29050.240	33538.762	21.180	22806.357
34.423	1.015	14.799						
11/15/2016 9:30:00 AM	473400.000	72.955	17.993	166.286	29040.152	33527.305	21.172	22798.568
34.435	1.015	14.798						
11/15/2016 9:35:00 AM	473700.000	72.960	17.993	166.297	29041.326	33528.469	21.173	22799.359
34.434	1.015	14.798						
11/15/2016 9:40:00 AM	474000.000	72.959	17.992	166.297	29052.977	33542.500	21.182	22808.900
34.420	1.015	14.798						
11/15/2016 9:45:00 AM	474300.000	72.967	17.993	166.315	29027.865	33513.121	21.162	22788.924
34.450	1.015	14.799						
11/15/2016 9:50:00 AM	474600.000	72.973	17.992	166.328	29047.332	33535.984	21.178	22804.471
34.427	1.015	14.800						
11/15/2016 9:55:00 AM	474900.000	72.972	17.993	166.326	29048.914	33537.230	21.179	22805.316
34.425	1.015	14.801						
11/15/2016 10:00:00 AM	475200.000	72.971	17.993	166.323	29037.145	33523.906	21.169	22796.258
34.439	1.015	14.802						
11/15/2016 10:05:00 AM	475500.000	72.976	17.993	166.336	29026.260	33511.531	21.161	22787.844
34.452	1.015	14.802						
11/15/2016 10:10:00 AM	475800.000	72.976	17.993	166.334	29039.576	33526.641	21.171	22798.117
34.436	1.015	14.802						
11/15/2016 10:15:00 AM	476100.000	72.958	17.993	166.293	29033.215	33519.242	21.166	22793.086
34.443	1.015	14.801						
11/15/2016 10:20:00 AM	476400.000	72.985	17.992	166.355	29050.980	33540.195	21.181	22807.334
34.422	1.015	14.800						
11/15/2016 10:25:00 AM	476700.000	72.988	17.993	166.363	29031.605	33517.512	21.165	22791.910
34.445	1.015	14.798						
11/15/2016 10:30:00 AM	477000.000	72.989	17.993	166.365	29045.063	33532.652	21.175	22802.205
34.429	1.015	14.797						
11/15/2016 10:35:00 AM	477300.000	72.971	17.993	166.323	29044.859	33532.418	21.175	22802.045
34.430	1.015	14.798						
11/15/2016 10:40:00 AM	477600.000	72.986	17.993	166.358	29043.926	33531.664	21.175	22801.533
34.431	1.015	14.800						
11/15/2016 10:45:00 AM	477900.000	72.993	17.993	166.374	29035.469	33521.844	21.168	22794.855
34.441	1.015	14.802						
11/15/2016 10:50:00 AM	478200.000	72.997	17.993	166.383	29048.752	33537.234	21.179	22805.320
34.425	1.015	14.800						
11/15/2016 10:55:00 AM	478500.000	72.998	17.993	166.386	29059.684	33549.535	21.187	22813.684
34.412	1.015	14.798						
11/15/2016 11:00:00 AM	478800.000	73.003	17.993	166.396	29050.475	33539.414	21.180	22806.805
34.423	1.015	14.796						
11/15/2016 11:05:00 AM	479100.000	73.003	17.993	166.396	29039.781	33527.070	21.172	22798.408
34.436	1.015	14.795						
11/15/2016 11:10:00 AM	479400.000	73.002	17.993	166.394	29023.955	33508.605	21.159	22785.852
34.454	1.015	14.794						
11/15/2016 11:15:00 AM	479700.000	73.003	17.993	166.396	29058.641	33548.270	21.186	22812.826
34.413	1.015	14.793						
11/15/2016 11:20:00 AM	480000.000	73.004	17.993	166.398	29056.299	33545.754	21.185	22811.115
34.416	1.015	14.792						
11/15/2016 11:25:00 AM	480300.000	72.986	17.994	166.357	29031.475	33516.773	21.164	22791.406
34.445	1.015	14.791						
11/15/2016 11:30:00 AM	480600.000	73.006	17.993	166.403	29046.105	33534.055	21.176	22803.160
34.428	1.015	14.790						
11/15/2016 11:35:00 AM	480900.000	73.010	17.993	166.412	29035.908	33522.535	21.168	22795.326
34.440	1.015	14.789						
11/15/2016 11:40:00 AM	481200.000	73.010	17.993	166.412	29055.180	33544.922	21.184	22810.549
34.417	1.015	14.788						
11/15/2016 11:45:00 AM	481500.000	72.990	17.993	166.367	29053.342	33542.605	21.182	22808.973
34.419	1.015	14.787						
11/15/2016 11:50:00 AM	481800.000	73.010	17.993	166.412	29030.256	33515.879	21.164	22790.801
34.447	1.015	14.787						
11/15/2016 11:55:00 AM	482100.000	73.008	17.993	166.408	29043.148	33530.520	21.174	22800.754
34.432	1.015	14.787						
11/15/2016 12:00:00 PM	482400.000	73.005	17.993	166.401	29041.691	33529.082	21.173	22799.775
34.433	1.015	14.787						
11/15/2016 12:05:00 PM	482700.000	73.006	17.992	166.404	29047.986	33536.938	21.178	22805.119
34.426	1.015	14.785						
11/15/2016 12:10:00 PM	483000.000	73.006	17.993	166.403	29044.729	33532.664	21.175	22802.211
34.430	1.015	14.784						
11/15/2016 12:15:00 PM	483300.000	73.007	17.992	166.406	29049.518	33538.633	21.180	22806.273
34.424	1.015	14.782						
11/15/2016 12:20:00 PM	483600.000	73.005	17.993	166.402	29037.352	33524.074	21.169	22796.371
34.438	1.015	14.781						
11/15/2016 12:25:00 PM	483900.000	73.004	17.993	166.399	29037.465	33524.203	21.170	22796.459
34.438	1.015	14.779						
11/15/2016 12:30:00 PM	484200.000	73.007	17.993	166.406	29038.895	33525.984	21.171	22797.670
34.437	1.015	14.778						
11/15/2016 12:35:00 PM	484500.000	73.001	17.993	166.393	29034.723	33520.980	21.167	22794.270
34.442	1.015	14.777						
11/15/2016 12:40:00 PM	484800.000	73.002	17.993	166.394	29028.592	33514.031	21.162	22789.541
34.449	1.015	14.776						
11/15/2016 12:45:00 PM	485100.000	72.998	17.993	166.385	29036.051	33522.379	21.168	22795.219
34.440	1.015	14.775						
11/15/2016 12:50:00 PM	485400.000	72.976	17.993	166.336	29029.609	33515.324	21.163	22790.420
34.448	1.015	14.774						
11/15/2016 12:55:00 PM	485700.000	72.995	17.993	166.378	29047.520	33535.566	21.177	22804.186
34.426	1.015	14.774						
11/15/2016 1:00:00 PM	486000.000	72.995	17.993	166.378	29038.734	33525.613	21.171	22797.418
34.437	1.015	14.773						
11/15/2016 1:05:00 PM	486300.000	72.992	17.993	166.371	29032.494	33518.539	21.166	22792.607
34.444	1.015	14.771						
11/15/2016 1:10:00 PM	486600.000	72.992	17.993	166.370	29054.297	33543.191	21.183	22809.371
34.418	1.015	14.770						
11/15/2016 1:15:00 PM	486900.000	72.974	17.992	166.331	29041.709	33529.617	21.173	22800.143
34.433	1.015	14.768						
11/15/2016 1:20:00 PM	487200.000	72.987	17.993	166.360	29041.473	33528.445	21.173	22799.346
34.434	1.015	14.767						
11/15/2016 1:25:00 PM	487500.000	72.985	17.993	166.355	29033.859	33519.984	21.167	22793.590
34.443	1.015	14.766						
11/15/2016 1:30:00 PM	487800.000	72.982	17.993	166.348	29041.285	33528.613	21.173	22799.457
34.434	1.015	14.766						
11/15/2016 1:35:00 PM	488100.000	72.962	17.992	166.303	29065.010	33556.395	21.192	22818.348
34.406	1.015	14.767						
11/15/2016 1:40:00 PM	488400.000	72.974	17.993	166.331	29030.492	33516.227	21.164	22791.037
34.447	1.015	14.767						
11/15/2016 1:45:00 PM	488700.000	72.946	17.993	166.267	29026.090	33511.016	21.160	22787.490
34.452	1.015	14.768						
11/15/2016 1:50:00 PM	489000.000	72.965	17.993	166.309	29024.771	33509.621	21.159	22786.545
34.453	1.015	14.769						
11/15/2016 1:55:00 PM	489300.000	72.962	17.993	166.302	29050.166	33538.996	21.180	22806.520
34.423	1.015	14.770						
11/15/2016 2:00:00 PM	489600.000	72.958	17.993	166.295	29045.652	33533.656	21.176	22802.887
34.429	1.015	14.771						
11/15/2016 2:05:00 PM	489900.000	72.931	17.992	166.233	29040.699	33528.395	21.172	22799.309
34.434	1.015	14.768						
11/15/2016 2:10:00 PM	490200.000	72.949	17.993	166.274	29038.225	33524.832	21.170	22796.889
34.437	1.015	14.765						
11/15/2016 2:15:00 PM	490500.000	72.952	17.993	166.280	29043.729	33531.188	21.174	22801.209
34.431	1.015	14.762						
11/15/2016 2:20:00 PM	490800.000	72.944	17.993	166.262	29043.859	33531.660	21.175	22801.531
34.431	1.015	14.763						
11/15/2016 2:25:00 PM	491100.000	72.938	17.993	166.248	29027.527	33512.676	21.162	22788.619
34.450	1.015	14.763						
11/15/2016 2:30:00 PM	491400.000	72.938	17.993	166.247	29034.877	33520.895	21.167	22794.211
34.441	1.015	14.764						
11/15/2016 2:35:00 PM	491700.000	72.934	17.993	166.238	29025.801	33510.488	21.160	22787.135
34.452	1.015	14.764						
11/15/2016 2:40:00 PM	492000.000	72.924	17.993	166.217	29037.590	33524.348	21.170	22796.559
34.438	1.015	14.764						

11/15/2016 2:45:00 PM	492300.000	72.923	17.993	166.215	29032.979	33519.023	21.166	22792.936	34.444
11/15/2016 2:50:00 PM	492600.000	72.917	17.993	166.201	29016.887	33500.574	21.153	22780.393	34.463
11/15/2016 2:55:00 PM	492900.000	72.911	17.993	166.186	29033.633	33519.531	21.166	22793.281	34.443
11/15/2016 3:00:00 PM	493200.000	72.909	17.993	166.183	29048.221	33536.750	21.178	22804.990	34.426
11/15/2016 3:05:00 PM	493500.000	72.905	17.993	166.173	29044.971	33532.813	21.176	22802.313	34.429
11/15/2016 3:10:00 PM	493800.000	72.902	17.993	166.166	29054.883	33544.066	21.183	22809.965	34.418
11/15/2016 3:15:00 PM	494100.000	72.902	17.993	166.166	29023.906	33508.230	21.158	22785.600	34.454
11/15/2016 3:20:00 PM	494400.000	72.898	17.993	166.158	29035.047	33521.484	21.168	22794.611	34.441
11/15/2016 3:25:00 PM	494700.000	72.891	17.993	166.141	29051.264	33539.813	21.180	22807.074	34.422
11/15/2016 3:30:00 PM	495000.000	72.889	17.993	166.136	29036.500	33523.355	21.169	22795.883	34.439
11/15/2016 3:35:00 PM	495300.000	72.883	17.993	166.122	29037.410	33523.820	21.169	22796.197	34.438
11/15/2016 3:40:00 PM	495600.000	72.862	17.993	166.074	29045.383	33533.344	21.176	22802.676	34.429
11/15/2016 3:45:00 PM	495900.000	72.872	17.993	166.098	29033.588	33519.727	21.166	22793.416	34.443
11/15/2016 3:50:00 PM	496200.000	72.865	17.993	166.082	29047.166	33535.668	21.177	22804.254	34.427
11/15/2016 3:55:00 PM	496500.000	72.866	17.993	166.083	29032.674	33518.480	21.166	22792.568	34.444
11/15/2016 4:00:00 PM	496800.000	72.861	17.993	166.072	29047.879	33536.172	21.178	22804.598	34.426
11/15/2016 4:05:00 PM	497100.000	72.856	17.993	166.062	29031.352	33517.090	21.165	22791.623	34.446
11/15/2016 4:10:00 PM	497400.000	72.848	17.993	166.043	29033.670	33519.895	21.167	22793.529	34.443
11/15/2016 4:15:00 PM	497700.000	72.844	17.993	166.034	29034.432	33520.512	21.167	22793.949	34.442
11/15/2016 4:20:00 PM	498000.000	72.839	17.993	166.023	29057.988	33547.707	21.186	22812.443	34.414
11/15/2016 4:25:00 PM	498300.000	72.838	17.993	166.021	29047.914	33535.883	21.178	22804.402	34.426
11/15/2016 4:30:00 PM	498600.000	72.838	17.993	166.020	29039.688	33526.844	21.171	22798.256	34.436
11/15/2016 4:35:00 PM	498900.000	72.816	17.993	165.969	29045.029	33533.203	21.176	22802.580	34.429
11/15/2016 4:40:00 PM	499200.000	72.829	17.993	165.999	29027.799	33512.797	21.162	22788.701	34.450
11/15/2016 4:45:00 PM	499500.000	72.802	17.993	165.939	29055.797	33545.367	21.184	22810.850	34.417
11/15/2016 4:50:00 PM	499800.000	72.825	17.993	165.991	29038.678	33525.355	21.170	22797.242	34.437
11/15/2016 4:55:00 PM	500100.000	72.819	17.993	165.978	29053.840	33543.238	21.183	22809.404	34.419
11/15/2016 5:00:00 PM	500400.000	72.815	17.993	165.967	29031.248	33517.098	21.165	22791.627	34.446
11/15/2016 5:05:00 PM	500700.000	72.813	17.993	165.962	29046.109	33533.863	21.176	22803.027	34.428
11/15/2016 5:10:00 PM	501000.000	72.803	17.992	165.941	29039.730	33527.207	21.172	22798.504	34.436
11/15/2016 5:15:00 PM	501300.000	72.781	17.993	165.891	29037.361	33524.082	21.169	22796.377	34.438
11/15/2016 5:20:00 PM	501600.000	72.796	17.993	165.925	29024.801	33509.391	21.159	22786.389	34.453
11/15/2016 5:25:00 PM	501900.000	72.790	17.993	165.910	29040.641	33527.813	21.172	22798.914	34.435
11/15/2016 5:30:00 PM	502200.000	72.789	17.993	165.908	29064.910	33555.641	21.191	22817.836	34.406
11/15/2016 5:35:00 PM	502500.000	72.781	17.993	165.889	29022.090	33506.527	21.157	22784.441	34.457
11/15/2016 5:40:00 PM	502800.000	72.784	17.993	165.897	29034.412	33520.625	21.167	22794.027	34.442
11/15/2016 5:45:00 PM	503100.000	72.779	17.993	165.887	29037.547	33524.371	21.170	22796.574	34.438
11/15/2016 5:50:00 PM	503400.000	72.778	17.993	165.883	29037.270	33523.656	21.169	22796.088	34.438
11/15/2016 5:55:00 PM	503700.000	72.773	17.993	165.872	29045.285	33532.984	21.176	22802.432	34.429
11/15/2016 6:00:00 PM	504000.000	72.774	17.993	165.874	29046.371	33534.430	21.177	22803.414	34.428
11/15/2016 6:05:00 PM	504300.000	72.752	17.993	165.823	29040.627	33527.473	21.172	22798.684	34.435
11/15/2016 6:10:00 PM	504600.000	72.768	17.993	165.861	29045.934	33534.109	21.176	22803.195	34.428
11/15/2016 6:15:00 PM	504900.000	72.765	17.993	165.853	29043.105	33530.844	21.174	22800.977	34.432
11/15/2016 6:20:00 PM	505200.000	72.762	17.993	165.846	29040.506	33527.789	21.172	22798.896	34.435
11/15/2016 6:25:00 PM	505500.000	72.746	17.993	165.811	29034.197	33520.238	21.167	22793.762	34.442
11/15/2016 6:30:00 PM	505800.000	72.761	17.993	165.845	29061.133	33551.602	21.189	22815.090	34.410
11/15/2016 6:35:00 PM	506100.000	72.759	17.993	165.841	29042.699	33530.121	21.174	22800.484	34.432
11/15/2016 6:40:00 PM	506400.000	72.752	17.993	165.823	29034.893	33520.988	21.167	22794.273	34.441
11/15/2016 6:45:00 PM	506700.000	72.747	17.993	165.812	29034.629	33521.004	21.167	22794.285	34.442
11/15/2016 6:50:00 PM	507000.000	72.748	17.993	165.815	29048.018	33536.195	21.178	22804.615	34.426
11/15/2016 6:55:00 PM	507300.000	72.752	17.993	165.825	29039.186	33525.941	21.171	22797.643	34.436
11/15/2016 7:00:00 PM	507600.000	72.751	17.992	165.823	29043.256	33531.348	21.174	22801.316	34.431
11/15/2016 7:05:00 PM	507900.000	72.754	17.993	165.828	29030.713	33516.352	21.164	22791.121	34.446
11/15/2016 7:10:00 PM	508200.000	72.752	17.993	165.824	29039.412	33526.645	21.171	22798.121	34.436
11/15/2016 7:15:00 PM	508500.000	72.749	17.993	165.818	29035.865	33522.164	21.168	22795.072	34.440
11/15/2016 7:20:00 PM	508800.000	72.750	17.993	165.821	29045.322	33533.348	21.176	22802.678	34.429
11/15/2016 7:25:00 PM	509100.000	72.746	17.992	165.810	29034.869	33521.598	21.168	22794.689	34.441
11/15/2016 7:30:00 PM	509400.000	72.745	17.993	165.808	29045.023	33532.875	21.176	22802.357	34.429
11/15/2016 7:35:00 PM	509700.000	72.740	17.993	165.798	29036.984	33523.266	21.169	22795.822	34.439
11/15/2016 7:40:00 PM	510000.000	72.745	17.993	165.809	29048.869	33537.500	21.179	22805.502	34.425
11/15/2016 7:45:00 PM	510300.000	72.749	17.993	165.817	29056.311	33545.770	21.185	22811.125	34.416
11/15/2016 7:50:00 PM	510600.000	72.751	17.992	165.823	29035.314	33522.043	21.168	22794.990	34.441
11/15/2016 7:55:00 PM	510900.000	72.728	17.993	165.770	29048.475	33536.723	21.178	22804.973	34.425
11/15/2016 8:00:00 PM	511200.000	72.748	17.993	165.815	29047.105	33535.461	21.177	22804.115	34.427
11/15/2016 8:05:00 PM	511500.000	72.746	17.993	165.810	29035.121	33521.496	21.168	22794.619	34.441
11/15/2016 8:10:00 PM	511800.000	72.746	17.993	165.811	29024.932	33509.734	21.159	22786.621	34.453
11/15/2016 8:15:00 PM	512100.000	72.725	17.993	165.763	29045.789	33534.004	21.176	22803.123	

34.428	1.015	14.775							
11/15/2016 8:20:00 PM	512400.000	72.746	17.993	165.811	29038.504	33525.348	21.170	22797.238	
34.437	1.015	14.775							
11/15/2016 8:25:00 PM	512700.000	72.741	17.993	165.800	29043.365	33530.770	21.174	22800.924	
34.431	1.015	14.775							
11/15/2016 8:30:00 PM	513000.000	72.747	17.993	165.813	29042.668	33530.285	21.174	22800.594	
34.432	1.015	14.774							
11/15/2016 8:35:00 PM	513300.000	72.743	17.993	165.804	29041.785	33529.137	21.173	22799.814	
34.433	1.015	14.776							
11/15/2016 8:40:00 PM	513600.000	72.747	17.993	165.812	29052.018	33540.758	21.181	22807.717	
34.421	1.015	14.777							
11/15/2016 8:45:00 PM	513900.000	72.745	17.993	165.808	29046.971	33535.180	21.177	22803.922	
34.427	1.015	14.779							
11/15/2016 8:50:00 PM	514200.000	72.755	17.992	165.832	29037.773	33524.883	21.170	22796.920	
34.438	1.015	14.776							
11/15/2016 8:55:00 PM	514500.000	72.756	17.993	165.833	29044.740	33532.793	21.176	22802.299	
34.430	1.015	14.773							
11/15/2016 9:00:00 PM	514800.000	72.757	17.993	165.835	29033.781	33519.949	21.167	22793.568	
34.443	1.015	14.770							
11/15/2016 9:05:00 PM	515100.000	72.761	17.992	165.845	29043.969	33532.035	21.175	22801.785	
34.431	1.015	14.774							
11/15/2016 9:10:00 PM	515400.000	72.738	17.993	165.792	29037.609	33524.316	21.170	22796.535	
34.438	1.015	14.778							
11/15/2016 9:15:00 PM	515700.000	72.755	17.992	165.831	29038.695	33526.082	21.171	22797.736	
34.437	1.015	14.782							
11/15/2016 9:20:00 PM	516000.000	72.761	17.993	165.845	29035.453	33521.879	21.168	22794.879	
34.441	1.015	14.780							
11/15/2016 9:25:00 PM	516300.000	72.768	17.993	165.860	29027.576	33512.785	21.162	22788.695	
34.450	1.015	14.777							
11/15/2016 9:30:00 PM	516600.000	72.769	17.993	165.864	29041.070	33528.176	21.172	22799.162	
34.434	1.015	14.775							
11/15/2016 9:35:00 PM	516900.000	72.774	17.993	165.874	29050.420	33538.969	21.180	22806.500	
34.423	1.015	14.777							
11/15/2016 9:40:00 PM	517200.000	72.774	17.993	165.875	29040.496	33527.969	21.172	22799.021	
34.435	1.015	14.779							
11/15/2016 9:45:00 PM	517500.000	72.750	17.993	165.820	29039.639	33526.391	21.171	22797.947	
34.436	1.015	14.781							
11/15/2016 9:50:00 PM	517800.000	72.774	17.993	165.874	29046.197	33534.230	21.177	22803.277	
34.428	1.015	14.780							
11/15/2016 9:55:00 PM	518100.000	72.775	17.993	165.878	29038.697	33525.625	21.171	22797.426	
34.437	1.015	14.780							
11/15/2016 10:00:00 PM	518400.000	72.782	17.993	165.893	29026.404	33511.563	21.161	22787.865	
34.451	1.015	14.780							
11/15/2016 10:05:00 PM	518700.000	72.786	17.993	165.901	29038.104	33525.133	21.170	22797.090	
34.438	1.015	14.781							
11/15/2016 10:10:00 PM	519000.000	72.791	17.993	165.913	29044.182	33531.512	21.175	22801.430	
34.430	1.015	14.782							
11/15/2016 10:15:00 PM	519300.000	72.789	17.993	165.908	29050.029	33538.516	21.179	22806.193	
34.423	1.015	14.783							
11/15/2016 10:20:00 PM	519600.000	72.793	17.993	165.917	29044.527	33532.230	21.175	22801.918	
34.430	1.015	14.783							
11/15/2016 10:25:00 PM	519900.000	72.796	17.993	165.925	29052.113	33541.059	21.181	22807.920	
34.421	1.015	14.783							
11/15/2016 10:30:00 PM	520200.000	72.792	17.993	165.915	29032.555	33518.727	21.166	22792.736	
34.444	1.015	14.782							
11/15/2016 10:35:00 PM	520500.000	72.776	17.993	165.879	29046.746	33534.992	21.177	22803.797	
34.427	1.015	14.784							
11/15/2016 10:40:00 PM	520800.000	72.800	17.993	165.934	29042.607	33530.016	21.174	22800.412	
34.432	1.015	14.785							
11/15/2016 10:45:00 PM	521100.000	72.806	17.993	165.946	29053.750	33542.813	21.182	22809.115	
34.419	1.015	14.786							
11/15/2016 10:50:00 PM	521400.000	72.805	17.993	165.945	29044.615	33532.137	21.175	22801.855	
34.430	1.015	14.784							
11/15/2016 10:55:00 PM	521700.000	72.806	17.993	165.948	29048.299	33536.586	21.178	22804.881	
34.425	1.015	14.782							
11/15/2016 11:00:00 PM	522000.000	72.815	17.993	165.968	29052.826	33541.691	21.182	22808.352	
34.420	1.015	14.780							
11/15/2016 11:05:00 PM	522300.000	72.797	17.993	165.927	29037.650	33524.418	21.170	22796.604	
34.438	1.015	14.783							
11/15/2016 11:10:00 PM	522600.000	72.816	17.993	165.970	29049.891	33538.492	21.179	22806.178	
34.424	1.015	14.785							
11/15/2016 11:15:00 PM	522900.000	72.809	17.993	165.954	29029.531	33515.117	21.163	22790.281	
34.448	1.015	14.788							
11/15/2016 11:20:00 PM	523200.000	72.820	17.993	165.979	29037.668	33524.246	21.170	22796.490	
34.438	1.015	14.784							
11/15/2016 11:25:00 PM	523500.000	72.822	17.993	165.984	29049.143	33537.363	21.179	22805.408	
34.424	1.015	14.781							
11/15/2016 11:30:00 PM	523800.000	72.829	17.993	166.000	29056.088	33545.777	21.185	22811.131	
34.416	1.015	14.778							
11/15/2016 11:35:00 PM	524100.000	72.831	17.993	166.004	29033.477	33519.789	21.166	22793.459	
34.443	1.015	14.780							
11/15/2016 11:40:00 PM	524400.000	72.813	17.993	165.963	29042.268	33529.625	21.173	22800.146	
34.433	1.015	14.782							
11/15/2016 11:45:00 PM	524700.000	72.831	17.993	166.004	29026.508	33511.816	21.161	22788.037	
34.451	1.015	14.783							
11/15/2016 11:50:00 PM	525000.000	72.840	17.993	166.024	29042.957	33530.809	21.174	22800.951	
34.432	1.015	14.781							
11/15/2016 11:55:00 PM	525300.000	72.838	17.993	166.019	29044.588	33532.301	21.175	22801.965	
34.430	1.015	14.779							
11/16/2016 12:00:00 AM	525600.000	72.826	17.993	165.993	29040.361	33527.547	21.172	22798.732	
34.435	1.015	14.777							
11/16/2016 12:05:00 AM	525900.000	72.843	17.993	166.032	29035.865	33521.973	21.168	22794.943	
34.440	1.015	14.778							
11/16/2016 12:10:00 AM	526200.000	72.847	17.993	166.041	29047.658	33535.973	21.178	22804.463	
34.426	1.015	14.779							
11/16/2016 12:15:00 AM	526500.000	72.829	17.993	165.999	29068.557	33559.777	21.194	22820.650	
34.401	1.015	14.780							
11/16/2016 12:20:00 AM	526800.000	72.833	17.993	166.009	29028.057	33513.020	21.162	22788.855	
34.449	1.015	14.779							
11/16/2016 12:25:00 AM	527100.000	72.849	17.993	166.045	29053.121	33542.223	21.182	22808.713	
34.420	1.015	14.779							
11/16/2016 12:30:00 AM	527400.000	72.855	17.993	166.058	29053.076	33542.035	21.182	22808.584	
34.420	1.015	14.778							
11/16/2016 12:35:00 AM	527700.000	72.861	17.993	166.074	29050.586	33539.426	21.180	22806.813	
34.423	1.015	14.779							
11/16/2016 12:40:00 AM	528000.000	72.854	17.993	166.056	29045.668	33533.805	21.176	22802.990	
34.429	1.015	14.779							
11/16/2016 12:45:00 AM	528300.000	72.858	17.992	166.067	29053.221	33542.785	21.182	22809.096	
34.420	1.015	14.780							
11/16/2016 12:50:00 AM	528600.000	72.861	17.993	166.073	29049.326	33538.027	21.179	22805.861	
34.424	1.015	14.780							
11/16/2016 12:55:00 AM	528900.000	72.861	17.993	166.073	29033.318	33519.168	21.166	22793.035	
34.443	1.015	14.780							
11/16/2016 1:00:00 AM	529200.000	72.861	17.992	166.074	29032.350	33518.688	21.166	22792.707	
34.444	1.015	14.780							
11/16/2016 1:05:00 AM	529500.000	72.862	17.993	166.074	29035.486	33521.727	21.168	22794.775	
34.441	1.015	14.780							
11/16/2016 1:10:00 AM	529800.000	72.865	17.993	166.082	29045.566	33533.629	21.176	22802.867	
34.429	1.015	14.780							
11/16/2016 1:15:00 AM	530100.000	72.866	17.993	166.083	29051.602	33540.469	21.181	22807.520	
34.422	1.015	14.779							
11/16/2016 1:20:00 AM	530400.000	72.870	17.993	166.093	29054.389	33543.742	21.183	22809.746	
34.418	1.015	14.778							
11/16/2016 1:25:00 AM	530700.000	72.869	17.993	166.092	29044.348	33532.148	21.175	22801.863	
34.430	1.015	14.777							
11/16/2016 1:30:00 AM	531000.000	72.858	17.993	166.067	29044.473	33532.422	21.175	22802.047	
34.430	1.015	14.775							
11/16/2016 1:35:00 AM	531300.000	72.854	17.993	166.058	29053.432	33542.582	21.182	22808.957	
34.419	1.015	14.774							
11/16/2016 1:40:00 AM	531600.000	72.877	17.992	166.109	29028.039	33513.645	21.162	22789.279	
34.449	1.015	14.773							
11/16/2016 1:45:00 AM	531900.000	72.878	17.992	166.111	29055.121	33544.910	21.184	22810.539	
34.417	1.015	14.772							

11/16/2016 1:50:00 AM	532200.000	72.854	17.993	166.057	29047.494	33535.781	21.178	22804.332	34.426
11/16/2016 1:55:00 AM	532500.000	72.872	17.993	166.097	29034.180	33520.410	21.167	22793.881	34.442
11/16/2016 2:00:00 AM	532800.000	72.872	17.993	166.097	29034.518	33520.418	21.167	22793.887	34.442
11/16/2016 2:05:00 AM	533100.000	72.871	17.992	166.095	29038.572	33525.805	21.171	22797.549	34.437
11/16/2016 2:10:00 AM	533400.000	72.873	17.993	166.101	29049.408	33537.867	21.179	22805.752	34.424
11/16/2016 2:15:00 AM	533700.000	72.873	17.993	166.101	29047.578	33535.824	21.178	22804.363	34.426
11/16/2016 2:20:00 AM	534000.000	72.869	17.993	166.091	29062.422	33553.145	21.190	22816.139	34.409
11/16/2016 2:25:00 AM	534300.000	72.853	17.993	166.054	29046.682	33534.844	21.177	22803.693	34.427
11/16/2016 2:30:00 AM	534600.000	72.873	17.993	166.099	29034.680	33520.934	21.167	22794.234	34.442
11/16/2016 2:35:00 AM	534900.000	72.872	17.993	166.097	29042.717	33530.266	21.174	22800.580	34.432
11/16/2016 2:40:00 AM	535200.000	72.875	17.993	166.105	29045.436	33533.215	21.176	22802.588	34.429
11/16/2016 2:45:00 AM	535500.000	72.874	17.993	166.101	29051.379	33540.340	21.181	22807.432	34.422
11/16/2016 2:50:00 AM	535800.000	72.875	17.993	166.104	29028.188	33513.492	21.162	22789.178	34.449
11/16/2016 2:55:00 AM	536100.000	72.877	17.993	166.109	29049.352	33537.871	21.179	22805.754	34.424
11/16/2016 3:00:00 AM	536400.000	72.873	17.992	166.100	29044.980	33533.395	21.176	22802.709	34.429
11/16/2016 3:05:00 AM	536700.000	72.875	17.993	166.105	29046.109	33534.258	21.177	22803.295	34.428
11/16/2016 3:10:00 AM	537000.000	72.872	17.993	166.098	29033.602	33520.008	21.167	22793.605	34.443
11/16/2016 3:15:00 AM	537300.000	72.870	17.992	166.093	29047.193	33535.891	21.178	22804.406	34.427
11/16/2016 3:20:00 AM	537600.000	72.869	17.993	166.092	29034.775	33520.973	21.167	22794.262	34.441
11/16/2016 3:25:00 AM	537900.000	72.864	17.993	166.079	29051.445	33540.418	21.181	22807.486	34.422
11/16/2016 3:30:00 AM	538200.000	72.864	17.993	166.080	29044.531	33532.168	21.175	22801.877	34.430
11/16/2016 3:35:00 AM	538500.000	72.870	17.993	166.094	29047.336	33535.730	21.178	22804.299	34.427
11/16/2016 3:40:00 AM	538800.000	72.871	17.993	166.096	29021.213	33505.316	21.156	22783.617	34.458
11/16/2016 3:45:00 AM	539100.000	72.868	17.993	166.089	29041.232	33528.625	21.173	22799.465	34.434
11/16/2016 3:50:00 AM	539400.000	72.866	17.993	166.083	29040.434	33527.703	21.172	22798.840	34.435
11/16/2016 3:55:00 AM	539700.000	72.868	17.993	166.089	29036.688	33523.496	21.169	22795.980	34.439
11/16/2016 4:00:00 AM	540000.000	72.867	17.993	166.086	29051.156	33540.203	21.181	22807.338	34.422
11/16/2016 4:05:00 AM	540300.000	72.861	17.993	166.074	29023.195	33507.539	21.158	22785.127	34.455
11/16/2016 4:10:00 AM	540600.000	72.864	17.993	166.080	29034.891	33521.496	21.168	22794.619	34.441
11/16/2016 4:15:00 AM	540900.000	72.870	17.993	166.094	29036.309	33522.941	21.169	22795.602	34.440
11/16/2016 4:20:00 AM	541200.000	72.863	17.993	166.078	29051.338	33540.293	21.181	22807.402	34.422
11/16/2016 4:25:00 AM	541500.000	72.861	17.993	166.073	29037.516	33524.207	21.170	22796.461	34.438
11/16/2016 4:30:00 AM	541800.000	72.858	17.992	166.067	29049.635	33538.578	21.180	22806.234	34.424
11/16/2016 4:35:00 AM	542100.000	72.853	17.992	166.054	29040.672	33528.230	21.172	22799.197	34.434
11/16/2016 4:40:00 AM	542400.000	72.839	17.992	166.022	29034.969	33521.777	21.168	22794.809	34.441
11/16/2016 4:45:00 AM	542700.000	72.852	17.993	166.053	29047.141	33535.375	21.177	22804.057	34.427
11/16/2016 4:50:00 AM	543000.000	72.857	17.993	166.063	29033.533	33519.855	21.167	22793.502	34.443
11/16/2016 4:55:00 AM	543300.000	72.858	17.993	166.066	29038.217	33524.879	21.170	22796.918	34.437
11/16/2016 5:00:00 AM	543600.000	72.839	17.993	166.024	29040.598	33527.895	21.172	22798.969	34.435
11/16/2016 5:05:00 AM	543900.000	72.860	17.993	166.070	29052.957	33541.770	21.182	22808.404	34.420
11/16/2016 5:10:00 AM	544200.000	72.860	17.993	166.071	29033.436	33519.625	21.166	22793.346	34.443
11/16/2016 5:15:00 AM	544500.000	72.844	17.992	166.034	29039.920	33527.551	21.172	22798.734	34.435
11/16/2016 5:20:00 AM	544800.000	72.860	17.993	166.071	29036.934	33523.664	21.169	22796.094	34.439
11/16/2016 5:25:00 AM	545100.000	72.854	17.993	166.057	29037.328	33524.117	21.169	22796.402	34.438
11/16/2016 5:30:00 AM	545400.000	72.857	17.993	166.063	29045.658	33533.281	21.176	22802.631	34.429
11/16/2016 5:35:00 AM	545700.000	72.857	17.993	166.063	29043.236	33530.996	21.174	22801.078	34.431
11/16/2016 5:40:00 AM	546000.000	72.862	17.993	166.074	29037.658	33524.555	21.170	22796.697	34.438
11/16/2016 5:45:00 AM	546300.000	72.860	17.993	166.072	29051.074	33539.859	21.180	22807.105	34.422
11/16/2016 5:50:00 AM	546600.000	72.861	17.993	166.072	29041.529	33528.969	21.173	22799.699	34.433
11/16/2016 5:55:00 AM	546900.000	72.866	17.993	166.084	29066.813	33558.031	21.193	22819.461	34.403
11/16/2016 6:00:00 AM	547200.000	72.869	17.993	166.091	29042.580	33530.238	21.174	22800.564	34.432
11/16/2016 6:05:00 AM	547500.000	72.858	17.992	166.066	29039.445	33526.945	21.171	22798.322	34.436
11/16/2016 6:10:00 AM	547800.000	72.868	17.993	166.088	29033.852	33519.840	21.167	22793.494	34.443
11/16/2016 6:15:00 AM	548100.000	72.867	17.993	166.086	29039.113	33526.105	21.171	22797.752	34.436
11/16/2016 6:20:00 AM	548400.000	72.860	17.993	166.071	29033.768	33519.613	21.166	22793.338	34.443
11/16/2016 6:25:00 AM	548700.000	72.856	17.993	166.062	29041.268	33528.539	21.173	22799.408	34.434
11/16/2016 6:30:00 AM	549000.000	72.855	17.993	166.058	29047.783	33536.059	21.178	22804.521	34.426
11/16/2016 6:35:00 AM	549300.000	72.855	17.993	166.059	29051.689	33540.434	21.181	22807.496	34.421
11/16/2016 6:40:00 AM	549600.000	72.862	17.993	166.074	29055.836	33545.543	21.184	22810.971	34.416
11/16/2016 6:45:00 AM	549900.000	72.863	17.992	166.078	29055.963	33545.949	21.185	22811.246	34.416
11/16/2016 6:50:00 AM	550200.000	72.870	17.993	166.093	29047.943	33536.430	21.178	22804.773	34.426
11/16/2016 6:55:00 AM	550500.000	72.875	17.993	166.104	29047.484	33536.035	21.178	22804.504	34.426
11/16/2016 7:00:00 AM	550800.000	72.876	17.992	166.108	29040.070	33527.602	21.172	22798.771	34.435
11/16/2016 7:05:00 AM	551100.000	72.875	17.993	166.104	29053.207	33542.188	21.182	22808.689	34.420
11/16/2016 7:10:00 AM	551400.000	72.877	17.993	166.110	29037.139	33523.957	21.169	22796.291	34.439
11/16/2016 7:15:00 AM	551700.000	72.872	17.993	166.099	29037.678	33524.641	21.170	22796.756	34.438
11/16/2016 7:20:00 AM	552000.000	72.871	17.993	166.095	29033.215	33519.488	21.166	22793.254	

34.443	1.015	14.780							
11/16/2016 7:25:00 AM	552300.000	72.877	17.993	166.108	29039.973	33526.852	21.171	22798.262	
34.435	1.015	14.782							
11/16/2016 7:30:00 AM	552600.000	72.875	17.993	166.106	29044.982	33532.637	21.175	22802.195	
34.429	1.015	14.784							
11/16/2016 7:35:00 AM	552900.000	72.874	17.993	166.102	29028.865	33514.027	21.162	22789.539	
34.448	1.015	14.783							
11/16/2016 7:40:00 AM	553200.000	72.864	17.993	166.079	29049.344	33537.918	21.179	22805.785	
34.424	1.015	14.783							
11/16/2016 7:45:00 AM	553500.000	72.888	17.993	166.133	29044.488	33532.387	21.175	22802.025	
34.430	1.015	14.782							
11/16/2016 7:50:00 AM	553800.000	72.858	17.993	166.066	29037.021	33523.820	21.169	22796.197	
34.439	1.015	14.783							
11/16/2016 7:55:00 AM	554100.000	72.888	17.992	166.134	29031.771	33517.953	21.165	22792.209	
34.445	1.015	14.785							
11/16/2016 8:00:00 AM	554400.000	72.870	17.993	166.092	29038.848	33525.801	21.171	22797.547	
34.437	1.015	14.786							
11/16/2016 8:05:00 AM	554700.000	72.868	17.993	166.090	29042.490	33529.684	21.173	22800.186	
34.432	1.015	14.787							
11/16/2016 8:10:00 AM	555000.000	72.873	17.993	166.100	29041.514	33528.820	21.173	22799.600	
34.433	1.015	14.789							
11/16/2016 8:15:00 AM	555300.000	72.872	17.993	166.099	29033.762	33520.121	21.167	22793.682	
34.443	1.015	14.790							
11/16/2016 8:20:00 AM	555600.000	72.895	17.993	166.149	29025.604	33510.316	21.160	22787.016	
34.452	1.015	14.790							
11/16/2016 8:25:00 AM	555900.000	72.898	17.993	166.157	29026.924	33511.910	21.161	22788.102	
34.451	1.015	14.789							
11/16/2016 8:30:00 AM	556200.000	72.883	17.992	166.122	29028.553	33514.238	21.163	22789.682	
34.449	1.015	14.788							
11/16/2016 8:35:00 AM	556500.000	72.905	17.993	166.172	29041.262	33528.586	21.173	22799.439	
34.434	1.015	14.788							
11/16/2016 8:40:00 AM	556800.000	72.886	17.993	166.130	29056.588	33546.156	21.185	22811.389	
34.416	1.015	14.788							
11/16/2016 8:45:00 AM	557100.000	72.910	17.993	166.184	29040.037	33526.926	21.171	22798.311	
34.435	1.015	14.787							
11/16/2016 8:50:00 AM	557400.000	72.914	17.993	166.194	29036.730	33523.355	21.169	22795.883	
34.439	1.015	14.787							
11/16/2016 8:55:00 AM	557700.000	72.920	17.993	166.206	29057.906	33547.555	21.186	22812.340	
34.414	1.015	14.787							
11/16/2016 9:00:00 AM	558000.000	72.921	17.993	166.210	29058.398	33548.445	21.186	22812.945	
34.413	1.015	14.786							
11/16/2016 9:05:00 AM	558300.000	72.922	17.993	166.213	29048.463	33536.902	21.178	22805.096	
34.425	1.015	14.784							
11/16/2016 9:10:00 AM	558600.000	72.912	17.993	166.190	29043.373	33530.832	21.174	22800.969	
34.431	1.015	14.782							
11/16/2016 9:15:00 AM	558900.000	72.919	17.993	166.205	29047.398	33535.617	21.177	22804.223	
34.426	1.015	14.781							
11/16/2016 9:20:00 AM	559200.000	72.932	17.993	166.234	29046.537	33534.484	21.177	22803.449	
34.428	1.015	14.784							
11/16/2016 9:25:00 AM	559500.000	72.916	17.993	166.198	29038.947	33526.043	21.171	22797.711	
34.437	1.015	14.787							
11/16/2016 9:30:00 AM	559800.000	72.932	17.993	166.235	29063.969	33554.801	21.191	22817.266	
34.407	1.015	14.790							
11/16/2016 9:35:00 AM	560100.000	72.936	17.993	166.245	29061.314	33551.547	21.189	22815.055	
34.410	1.015	14.789							
11/16/2016 9:40:00 AM	560400.000	72.944	17.993	166.261	29045.521	33533.504	21.176	22802.783	
34.429	1.015	14.787							
11/16/2016 9:45:00 AM	560700.000	72.949	17.993	166.274	29046.479	33534.227	21.177	22803.273	
34.428	1.015	14.786							
11/16/2016 9:50:00 AM	561000.000	72.929	17.993	166.229	29063.969	33554.875	21.191	22817.316	
34.407	1.015	14.787							
11/16/2016 9:55:00 AM	561300.000	72.956	17.993	166.288	29035.574	33521.828	21.168	22794.846	
34.441	1.015	14.788							
11/16/2016 10:00:00 AM	561600.000	72.951	17.993	166.278	29053.129	33542.289	21.182	22808.758	
34.420	1.015	14.789							
11/16/2016 10:05:00 AM	561900.000	72.952	17.993	166.280	29038.473	33525.367	21.170	22797.250	
34.437	1.015	14.787							
11/16/2016 10:10:00 AM	562200.000	72.961	17.992	166.301	29048.018	33536.844	21.178	22805.055	
34.426	1.015	14.785							
11/16/2016 10:15:00 AM	562500.000	72.968	17.993	166.316	29040.025	33526.914	21.171	22798.303	
34.435	1.015	14.784							
11/16/2016 10:20:00 AM	562800.000	72.945	17.993	166.264	29049.322	33537.699	21.179	22805.635	
34.424	1.015	14.784							
11/16/2016 10:25:00 AM	563100.000	72.969	17.993	166.319	29041.168	33528.422	21.172	22799.328	
34.434	1.015	14.785							
11/16/2016 10:30:00 AM	563400.000	72.951	17.993	166.279	29046.873	33535.066	21.177	22803.846	
34.427	1.015	14.785							
11/16/2016 10:35:00 AM	563700.000	72.973	17.993	166.328	29059.293	33549.281	21.187	22813.514	
34.412	1.015	14.784							
11/16/2016 10:40:00 AM	564000.000	72.981	17.993	166.347	29055.041	33544.441	21.184	22810.223	
34.417	1.015	14.783							
11/16/2016 10:45:00 AM	564300.000	72.985	17.992	166.356	29051.781	33541.121	21.181	22807.965	
34.421	1.015	14.783							
11/16/2016 10:50:00 AM	564600.000	72.980	17.993	166.345	29057.305	33547.055	21.185	22811.998	
34.415	1.015	14.782							
11/16/2016 10:55:00 AM	564900.000	72.966	17.993	166.312	29049.805	33538.641	21.180	22806.275	
34.424	1.015	14.781							
11/16/2016 11:00:00 AM	565200.000	72.993	17.993	166.374	29048.857	33537.301	21.179	22805.367	
34.425	1.015	14.780							
11/16/2016 11:05:00 AM	565500.000	72.993	17.993	166.374	29045.252	33533.457	21.176	22802.754	
34.429	1.015	14.783							
11/16/2016 11:10:00 AM	565800.000	72.966	17.992	166.312	29051.863	33541.148	21.181	22807.982	
34.421	1.015	14.785							
11/16/2016 11:15:00 AM	566100.000	72.985	17.993	166.356	29040.645	33528.004	21.172	22799.043	
34.434	1.015	14.788							
11/16/2016 11:20:00 AM	566400.000	72.992	17.993	166.371	29059.279	33549.652	21.187	22813.764	
34.412	1.015	14.786							
11/16/2016 11:25:00 AM	566700.000	72.979	17.993	166.341	29045.652	33533.336	21.176	22802.670	
34.429	1.015	14.783							
11/16/2016 11:30:00 AM	567000.000	72.978	17.993	166.339	29045.180	33533.055	21.176	22802.477	
34.429	1.015	14.781							
11/16/2016 11:35:00 AM	567300.000	72.999	17.993	166.387	29058.316	33548.152	21.186	22812.746	
34.414	1.015	14.780							
11/16/2016 11:40:00 AM	567600.000	73.000	17.992	166.390	29060.424	33551.031	21.188	22814.703	
34.411	1.015	14.778							
11/16/2016 11:45:00 AM	567900.000	73.001	17.993	166.391	29043.334	33530.660	21.174	22800.850	
34.431	1.015	14.777							
11/16/2016 11:50:00 AM	568200.000	73.006	17.993	166.402	29043.832	33531.363	21.175	22801.328	
34.431	1.015	14.776							
11/16/2016 11:55:00 AM	568500.000	73.006	17.993	166.404	29038.996	33525.781	21.171	22797.533	
34.436	1.015	14.775							
11/16/2016 12:00:00 PM	568800.000	73.007	17.993	166.406	29044.611	33532.398	21.175	22802.033	
34.430	1.015	14.775							
11/16/2016 12:05:00 PM	569100.000	72.989	17.993	166.364	29072.111	33563.883	21.197	22823.443	
34.397	1.015	14.772							
11/16/2016 12:10:00 PM	569400.000	73.004	17.993	166.398	29042.275	33529.633	21.173	22800.152	
34.433	1.015	14.769							
11/16/2016 12:15:00 PM	569700.000	72.996	17.993	166.380	29036.252	33522.680	21.168	22795.424	
34.440	1.015	14.766							
11/16/2016 12:20:00 PM	570000.000	73.005	17.993	166.401	29047.625	33535.488	21.177	22804.135	
34.426	1.015	14.769							
11/16/2016 12:25:00 PM	570300.000	72.986	17.993	166.358	29040.465	33527.348	21.172	22798.598	
34.435	1.015	14.771							
11/16/2016 12:30:00 PM	570600.000	73.005	17.993	166.402	29042.225	33529.574	21.173	22800.111	
34.433	1.015	14.773							
11/16/2016 12:35:00 PM	570900.000	73.006	17.993	166.402	29060.256	33550.645	21.188	22814.439	
34.411	1.015	14.772							
11/16/2016 12:40:00 PM	571200.000	73.002	17.993	166.394	29045.426	33533.203	21.176	22802.580	
34.429	1.015	14.771							
11/16/2016 12:45:00 PM	571500.000	73.007	17.993	166.405	29040.016	33526.902	21.171	22798.295	
34.435	1.015	14.769							
11/16/2016 12:50:00 PM	571800.000	73.003	17.993	166.395	29048.930	33537.191	21.179	22805.293	
34.425	1.015	14.768							

11/16/2016 12:55:00 PM	572100.000	73.004	17.993	166.400	29045.639	33533.320	21.176	22802.660	34.429
11/16/2016 1:00:00 PM	572400.000	73.009	17.993	166.410	29046.641	33534.742	21.177	22803.627	34.427
11/16/2016 1:05:00 PM	572700.000	73.010	17.993	166.413	29056.227	33545.863	21.185	22811.188	34.416
11/16/2016 1:10:00 PM	573000.000	73.005	17.993	166.400	29045.533	33533.648	21.176	22802.881	34.429
11/16/2016 1:15:00 PM	573300.000	73.003	17.993	166.396	29034.918	33521.070	21.167	22794.328	34.441
11/16/2016 1:20:00 PM	573600.000	73.002	17.993	166.395	29054.600	33543.984	21.183	22809.912	34.418
11/16/2016 1:25:00 PM	573900.000	73.007	17.993	166.406	29036.910	33523.508	21.169	22795.988	34.439
11/16/2016 1:30:00 PM	574200.000	73.007	17.993	166.404	29038.201	33524.996	21.170	22796.998	34.437
11/16/2016 1:35:00 PM	574500.000	73.002	17.993	166.395	29038.049	33524.629	21.170	22796.750	34.438
11/16/2016 1:40:00 PM	574800.000	73.000	17.993	166.390	29040.736	33527.926	21.172	22798.992	34.434
11/16/2016 1:45:00 PM	575100.000	73.000	17.993	166.390	29043.252	33530.828	21.174	22800.965	34.431
11/16/2016 1:50:00 PM	575400.000	72.997	17.993	166.383	29041.838	33529.059	21.173	22799.762	34.433
11/16/2016 1:55:00 PM	575700.000	72.993	17.993	166.374	29043.395	33530.992	21.174	22801.074	34.431
11/16/2016 2:00:00 PM	576000.000	72.990	17.993	166.367	29042.289	33529.453	21.173	22800.029	34.433
11/16/2016 2:05:00 PM	576300.000	72.993	17.993	166.373	29054.727	33544.078	21.183	22809.975	34.418
11/16/2016 2:10:00 PM	576600.000	72.984	17.993	166.353	29040.188	33527.348	21.172	22798.598	34.435
11/16/2016 2:15:00 PM	576900.000	72.979	17.993	166.343	29043.211	33530.910	21.174	22801.020	34.431
11/16/2016 2:20:00 PM	577200.000	72.975	17.993	166.333	29049.992	33538.543	21.180	22806.209	34.423
11/16/2016 2:25:00 PM	577500.000	72.979	17.993	166.343	29044.584	33532.496	21.175	22802.100	34.430
11/16/2016 2:30:00 PM	577800.000	72.973	17.993	166.327	29051.348	33539.910	21.180	22807.141	34.422
11/16/2016 2:35:00 PM	578100.000	72.972	17.993	166.327	29057.813	33547.695	21.186	22812.436	34.414
11/16/2016 2:40:00 PM	578400.000	72.965	17.993	166.310	29031.307	33517.223	21.165	22791.711	34.446
11/16/2016 2:45:00 PM	578700.000	72.969	17.993	166.318	29045.359	33533.191	21.176	22802.572	34.429
11/16/2016 2:50:00 PM	579000.000	72.944	17.993	166.261	29052.635	33541.789	21.182	22808.416	34.420
11/16/2016 2:55:00 PM	579300.000	72.956	17.994	166.290	29049.244	33537.289	21.179	22805.359	34.424
11/16/2016 3:00:00 PM	579600.000	72.950	17.993	166.276	29056.270	33545.914	21.185	22811.225	34.416
11/16/2016 3:05:00 PM	579900.000	72.948	17.993	166.271	29051.123	33539.590	21.180	22806.924	34.422
11/16/2016 3:10:00 PM	580200.000	72.926	17.993	166.220	29039.129	33526.199	21.171	22797.816	34.436
11/16/2016 3:15:00 PM	580500.000	72.941	17.993	166.256	29042.473	33530.113	21.174	22800.479	34.432
11/16/2016 3:20:00 PM	580800.000	72.942	17.993	166.257	29038.289	33525.285	21.170	22797.193	34.437
11/16/2016 3:25:00 PM	581100.000	72.934	17.993	166.240	29040.883	33528.414	21.172	22799.324	34.434
11/16/2016 3:30:00 PM	581400.000	72.937	17.993	166.246	29060.408	33550.691	21.188	22814.473	34.411
11/16/2016 3:35:00 PM	581700.000	72.930	17.993	166.229	29046.922	33535.195	21.177	22803.934	34.427
11/16/2016 3:40:00 PM	582000.000	72.920	17.992	166.208	29035.186	33521.961	21.168	22794.936	34.441
11/16/2016 3:45:00 PM	582300.000	72.920	17.993	166.206	29049.033	33537.504	21.179	22805.504	34.425
11/16/2016 3:50:00 PM	582600.000	72.918	17.993	166.203	29052.180	33541.000	21.181	22807.883	34.421
11/16/2016 3:55:00 PM	582900.000	72.911	17.993	166.186	29044.332	33531.883	21.175	22801.682	34.430
11/16/2016 4:00:00 PM	583200.000	72.907	17.993	166.178	29036.961	33523.238	21.169	22795.803	34.439
11/16/2016 4:05:00 PM	583500.000	72.903	17.993	166.169	29048.375	33536.742	21.178	22804.984	34.425
11/16/2016 4:10:00 PM	583800.000	72.901	17.993	166.165	29047.629	33535.691	21.178	22804.270	34.426
11/16/2016 4:15:00 PM	584100.000	72.892	17.993	166.143	29034.668	33520.918	21.167	22794.227	34.442
11/16/2016 4:20:00 PM	584400.000	72.892	17.993	166.142	29048.850	33536.965	21.178	22805.137	34.425
11/16/2016 4:25:00 PM	584700.000	72.863	17.993	166.078	29044.246	33532.105	21.175	22801.832	34.430
11/16/2016 4:30:00 PM	585000.000	72.880	17.993	166.116	29052.248	33541.344	21.181	22808.115	34.421
11/16/2016 4:35:00 PM	585300.000	72.861	17.993	166.072	29037.639	33524.594	21.170	22796.727	34.438
11/16/2016 4:40:00 PM	585600.000	72.873	17.993	166.100	29047.529	33535.699	21.178	22804.277	34.426
11/16/2016 4:45:00 PM	585900.000	72.871	17.993	166.095	29043.193	33530.891	21.174	22801.006	34.431
11/16/2016 4:50:00 PM	586200.000	72.867	17.993	166.087	29059.709	33549.957	21.187	22813.973	34.412
11/16/2016 4:55:00 PM	586500.000	72.859	17.993	166.067	29054.855	33544.035	21.183	22809.943	34.418
11/16/2016 5:00:00 PM	586800.000	72.857	17.993	166.063	29041.777	33529.375	21.173	22799.977	34.433
11/16/2016 5:05:00 PM	587100.000	72.852	17.993	166.051	29061.834	33552.090	21.189	22815.422	34.409
11/16/2016 5:10:00 PM	587400.000	72.854	17.994	166.057	29053.936	33542.516	21.182	22808.910	34.419
11/16/2016 5:15:00 PM	587700.000	72.843	17.993	166.031	29045.232	33533.047	21.176	22802.473	34.429
11/16/2016 5:20:00 PM	588000.000	72.837	17.993	166.017	29044.666	33532.270	21.175	22801.945	34.430
11/16/2016 5:25:00 PM	588300.000	72.816	17.993	165.970	29035.732	33521.883	21.168	22794.881	34.440
11/16/2016 5:30:00 PM	588600.000	72.808	17.993	165.952	29045.223	33533.352	21.176	22802.682	34.429
11/16/2016 5:35:00 PM	588900.000	72.811	17.993	165.958	29046.838	33534.969	21.177	22803.779	34.427
11/16/2016 5:40:00 PM	589200.000	72.826	17.992	165.993	29052.209	33541.547	21.182	22808.252	34.421
11/16/2016 5:45:00 PM	589500.000	72.822	17.993	165.984	29047.111	33534.957	21.177	22803.771	34.427
11/16/2016 5:50:00 PM	589800.000	72.817	17.993	165.971	29053.703	33542.824	21.182	22809.123	34.419
11/16/2016 5:55:00 PM	590100.000	72.790	17.993	165.912	29038.982	33526.086	21.171	22797.738	34.436
11/16/2016 6:00:00 PM	590400.000	72.807	17.993	165.949	29043.033	33530.578	21.174	22800.795	34.432
11/16/2016 6:05:00 PM	590700.000	72.797	17.993	165.927	29047.115	33535.473	21.177	22804.123	34.427
11/16/2016 6:10:00 PM	591000.000	72.799	17.993	165.931	29029.871	33515.379	21.163	22790.459	34.447
11/16/2016 6:15:00 PM	591300.000	72.777	17.993	165.882	29049.293	33537.934	21.179	22805.795	34.424
11/16/2016 6:20:00 PM	591600.000	72.796	17.993	165.924	29041.650	33528.910	21.173	22799.660	34.433
11/16/2016 6:25:00 PM	591900.000	72.790	17.993	165.912	29042.428	33529.742	21.173	22800.227	

34.432	1.015	14.766						
11/16/2016 6:30:00 PM	592200.000	72.788	17.993	165.907	29042.154	33529.563	21.173	22800.104
34.433	1.015	14.767						
11/16/2016 6:35:00 PM	592500.000	72.783	17.993	165.895	29048.701	33536.984	21.178	22805.150
34.425	1.015	14.767						
11/16/2016 6:40:00 PM	592800.000	72.786	17.993	165.902	29043.223	33530.797	21.174	22800.943
34.431	1.015	14.767						
11/16/2016 6:45:00 PM	593100.000	72.762	17.993	165.846	29046.164	33534.121	21.176	22803.203
34.428	1.015	14.767						
11/16/2016 6:50:00 PM	593400.000	72.775	17.993	165.876	29049.186	33537.680	21.179	22805.623
34.424	1.015	14.767						
11/16/2016 6:55:00 PM	593700.000	72.774	17.993	165.874	29030.508	33515.980	21.164	22790.869
34.447	1.015	14.768						
11/16/2016 7:00:00 PM	594000.000	72.771	17.993	165.868	29058.324	33548.359	21.186	22812.885
34.414	1.015	14.768						
11/16/2016 7:05:00 PM	594300.000	72.766	17.993	165.855	29041.557	33529.000	21.173	22799.723
34.433	1.015	14.767						
11/16/2016 7:10:00 PM	594600.000	72.766	17.993	165.856	29043.336	33530.980	21.174	22801.066
34.431	1.015	14.765						
11/16/2016 7:15:00 PM	594900.000	72.746	17.993	165.810	29050.582	33539.422	21.180	22806.809
34.423	1.015	14.763						
11/16/2016 7:20:00 PM	595200.000	72.762	17.993	165.848	29039.008	33526.113	21.171	22797.758
34.436	1.015	14.766						
11/16/2016 7:25:00 PM	595500.000	72.747	17.993	165.814	29049.467	33538.188	21.179	22805.967
34.424	1.015	14.768						
11/16/2016 7:30:00 PM	595800.000	72.757	17.993	165.835	29052.248	33541.270	21.181	22808.064
34.421	1.015	14.771						
11/16/2016 7:35:00 PM	596100.000	72.755	17.993	165.832	29057.557	33547.398	21.186	22812.230
34.414	1.015	14.771						
11/16/2016 7:40:00 PM	596400.000	72.754	17.993	165.828	29047.176	33535.223	21.177	22803.953
34.427	1.015	14.771						
11/16/2016 7:45:00 PM	596700.000	72.751	17.993	165.821	29060.291	33550.109	21.188	22814.076
34.411	1.015	14.772						
11/16/2016 7:50:00 PM	597000.000	72.733	17.993	165.780	29031.871	33517.820	21.165	22792.117
34.445	1.015	14.772						
11/16/2016 7:55:00 PM	597300.000	72.751	17.993	165.821	29045.533	33533.785	21.176	22802.977
34.429	1.015	14.772						
11/16/2016 8:00:00 PM	597600.000	72.750	17.993	165.819	29068.563	33560.051	21.194	22820.836
34.401	1.015	14.772						
11/16/2016 8:05:00 PM	597900.000	72.747	17.993	165.813	29051.078	33540.113	21.181	22807.277
34.422	1.015	14.770						
11/16/2016 8:10:00 PM	598200.000	72.754	17.993	165.828	29037.895	33524.773	21.170	22796.846
34.438	1.015	14.768						
11/16/2016 8:15:00 PM	598500.000	72.758	17.993	165.839	29050.549	33539.309	21.180	22806.732
34.423	1.015	14.765						
11/16/2016 8:20:00 PM	598800.000	72.750	17.993	165.819	29062.373	33553.090	21.190	22816.104
34.409	1.015	14.768						
11/16/2016 8:25:00 PM	599100.000	72.746	17.993	165.811	29056.016	33545.566	21.184	22810.988
34.416	1.015	14.771						
11/16/2016 8:30:00 PM	599400.000	72.748	17.993	165.815	29041.246	33528.246	21.172	22799.207
34.434	1.015	14.773						
11/16/2016 8:35:00 PM	599700.000	72.747	17.993	165.812	29056.908	33546.652	21.185	22811.727
34.415	1.015	14.772						
11/16/2016 8:40:00 PM	600000.000	72.745	17.993	165.807	29037.354	33524.203	21.170	22796.459
34.438	1.015	14.771						
11/16/2016 8:45:00 PM	600300.000	72.749	17.992	165.818	29047.441	33536.109	21.178	22804.557
34.426	1.015	14.769						
11/16/2016 8:50:00 PM	600600.000	72.745	17.993	165.809	29051.389	33540.223	21.181	22807.352
34.422	1.015	14.771						
11/16/2016 8:55:00 PM	600900.000	72.748	17.993	165.815	29038.889	33525.848	21.171	22797.576
34.437	1.015	14.772						
11/16/2016 9:00:00 PM	601200.000	72.748	17.993	165.815	29051.941	33540.918	21.181	22807.824
34.421	1.015	14.773						
11/16/2016 9:05:00 PM	601500.000	72.726	17.993	165.765	29051.119	33539.969	21.180	22807.180
34.422	1.015	14.773						
11/16/2016 9:10:00 PM	601800.000	72.750	17.993	165.819	29056.523	33546.016	21.185	22811.293
34.416	1.015	14.774						
11/16/2016 9:15:00 PM	602100.000	72.754	17.993	165.828	29047.885	33536.309	21.178	22804.691
34.426	1.015	14.774						
11/16/2016 9:20:00 PM	602400.000	72.732	17.993	165.779	29044.428	33532.117	21.175	22801.842
34.430	1.015	14.775						
11/16/2016 9:25:00 PM	602700.000	72.734	17.993	165.784	29049.627	33538.246	21.179	22806.010
34.424	1.015	14.775						
11/16/2016 9:30:00 PM	603000.000	72.756	17.993	165.832	29062.566	33552.738	21.189	22815.863
34.409	1.015	14.776						
11/16/2016 9:35:00 PM	603300.000	72.758	17.993	165.837	29046.756	33534.805	21.177	22803.670
34.427	1.015	14.775						
11/16/2016 9:40:00 PM	603600.000	72.762	17.993	165.848	29049.316	33538.016	21.179	22805.854
34.424	1.015	14.774						
11/16/2016 9:45:00 PM	603900.000	72.764	17.993	165.852	29037.893	33524.695	21.170	22796.795
34.438	1.015	14.773						
11/16/2016 9:50:00 PM	604200.000	72.763	17.993	165.849	29046.055	33533.875	21.176	22803.035
34.428	1.015	14.775						
11/16/2016 9:55:00 PM	604500.000	72.763	17.993	165.850	29044.982	33532.957	21.176	22802.412
34.429	1.015	14.776						
11/16/2016 10:00:00 PM	604800.000	72.763	17.993	165.849	29041.816	33529.227	21.173	22799.875
34.433	1.015	14.778						
11/16/2016 10:05:00 PM	605100.000	72.765	17.993	165.855	29047.881	33536.105	21.178	22804.555
34.426	1.015	14.778						
11/16/2016 10:10:00 PM	605400.000	72.761	17.993	165.844	29045.014	33532.918	21.176	22802.385
34.429	1.015	14.778						
11/16/2016 10:15:00 PM	605700.000	72.768	17.993	165.860	29062.934	33553.680	21.190	22816.504
34.408	1.015	14.778						
11/16/2016 10:20:00 PM	606000.000	72.773	17.993	165.873	29044.422	33532.043	21.175	22801.791
34.430	1.015	14.777						
11/16/2016 10:25:00 PM	606300.000	72.774	17.993	165.875	29056.301	33546.078	21.185	22811.334
34.416	1.015	14.776						
11/16/2016 10:30:00 PM	606600.000	72.780	17.993	165.888	29056.441	33545.789	21.185	22811.139
34.416	1.015	14.775						
11/16/2016 10:35:00 PM	606900.000	72.781	17.993	165.891	29049.197	33537.500	21.179	22805.502
34.424	1.015	14.774						
11/16/2016 10:40:00 PM	607200.000	72.788	17.993	165.906	29040.789	33527.984	21.172	22799.031
34.434	1.015	14.774						
11/16/2016 10:45:00 PM	607500.000	72.788	17.993	165.906	29067.480	33559.047	21.194	22820.154
34.403	1.015	14.774						
11/16/2016 10:50:00 PM	607800.000	72.791	17.992	165.913	29066.422	33557.957	21.193	22819.410
34.404	1.015	14.773						
11/16/2016 10:55:00 PM	608100.000	72.791	17.993	165.912	29041.379	33528.598	21.173	22799.447
34.434	1.015	14.772						
11/16/2016 11:00:00 PM	608400.000	72.795	17.993	165.922	29049.152	33537.375	21.179	22805.418
34.424	1.015	14.772						
11/16/2016 11:05:00 PM	608700.000	72.796	17.993	165.926	29042.883	33530.266	21.174	22800.580
34.432	1.015	14.772						
11/16/2016 11:10:00 PM	609000.000	72.800	17.993	165.933	29060.813	33551.160	21.188	22814.791
34.411	1.015	14.773						
11/16/2016 11:15:00 PM	609300.000	72.801	17.993	165.935	29053.996	33543.555	21.183	22809.617
34.419	1.015	14.773						
11/16/2016 11:20:00 PM	609600.000	72.803	17.993	165.941	29048.396	33536.504	21.178	22804.822
34.425	1.015	14.773						
11/16/2016 11:25:00 PM	609900.000	72.806	17.993	165.948	29031.215	33516.988	21.165	22791.553
34.446	1.015	14.773						
11/16/2016 11:30:00 PM	610200.000	72.809	17.993	165.955	29042.439	33529.945	21.174	22800.363
34.432	1.015	14.773						
11/16/2016 11:35:00 PM	610500.000	72.812	17.993	165.960	29036.688	33523.250	21.169	22795.811
34.439	1.015	14.773						
11/16/2016 11:40:00 PM	610800.000	72.818	17.993	165.974	29076.049	33568.500	21.200	22826.582
34.393	1.015	14.773						
11/16/2016 11:45:00 PM	611100.000	72.818	17.993	165.974	29035.908	33522.535	21.168	22795.326
34.440	1.015	14.774						
11/16/2016 11:50:00 PM	611400.000	72.820	17.993	165.979	29055.451	33544.914	21.184	22810.541
34.417	1.015	14.773						
11/16/2016 11:55:00 PM	611700.000	72.821	17.993	165.981	29056.281	33546.191	21.185	22811.410
34.416	1.015	14.772						

Report Date: 11/18/2016 8:36:50 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4S LT Test_2016-11-17_07-32-43-247-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 2130

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

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: Baro-Adj Calc SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147
	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)					
11/10/2016 12:00:00 AM	7200.000	12.190	17.692	27.784	5964.902	6932.577	3.841	4714.152
167.647	1.002	14.743						
11/10/2016 12:05:00 AM	7500.000	12.193	17.692	27.792	5965.601	6933.458	3.841	4714.752
167.628	1.002	14.743						
11/10/2016 12:10:00 AM	7800.000	12.194	17.692	27.795	5971.041	6939.752	3.845	4719.031
167.475	1.002	14.744						
11/10/2016 12:15:00 AM	8100.000	12.196	17.692	27.798	5973.295	6942.345	3.846	4720.795
167.412	1.002	14.744						
11/10/2016 12:20:00 AM	8400.000	12.195	17.692	27.796	5976.069	6945.543	3.848	4722.970
167.334	1.002	14.745						
11/10/2016 12:25:00 AM	8700.000	12.192	17.692	27.789	5978.856	6948.808	3.850	4725.189
167.256	1.002	14.746						
11/10/2016 12:30:00 AM	9000.000	12.197	17.692	27.801	5981.262	6951.619	3.852	4727.102
167.189	1.002	14.746						
11/10/2016 12:35:00 AM	9300.000	12.192	17.692	27.789	5984.625	6955.500	3.854	4729.741
167.095	1.002	14.746						
11/10/2016 12:40:00 AM	9600.000	12.195	17.692	27.795	5987.357	6958.715	3.856	4731.926
167.019	1.002	14.746						
11/10/2016 12:45:00 AM	9900.000	12.195	17.692	27.796	5989.730	6961.447	3.858	4733.784
166.952	1.002	14.746						
11/10/2016 12:50:00 AM	10200.000	12.195	17.691	27.795	5991.428	6963.501	3.859	4735.181
166.905	1.002	14.746						
11/10/2016 12:55:00 AM	10500.000	12.192	17.692	27.789	5993.790	6966.180	3.861	4737.003
166.839	1.002	14.745						
11/10/2016 1:00:00 AM	10800.000	12.193	17.692	27.791	5997.360	6970.329	3.863	4739.824
166.740	1.002	14.745						
11/10/2016 1:05:00 AM	11100.000	12.199	17.692	27.806	5998.610	6971.767	3.864	4740.801
166.705	1.002	14.744						
11/10/2016 1:10:00 AM	11400.000	12.200	17.692	27.808	5999.341	6972.577	3.864	4741.352
166.685	1.002	14.742						
11/10/2016 1:15:00 AM	11700.000	12.201	17.692	27.810	6002.702	6976.538	3.867	4744.046
166.592	1.002	14.741						
11/10/2016 1:20:00 AM	12000.000	12.202	17.692	27.811	6002.789	6976.623	3.867	4744.104
166.589	1.002	14.741						
11/10/2016 1:25:00 AM	12300.000	12.198	17.692	27.802	6005.071	6979.303	3.868	4745.926
166.526	1.002	14.741						
11/10/2016 1:30:00 AM	12600.000	12.197	17.692	27.800	6007.298	6981.813	3.870	4747.633
166.464	1.002	14.741						
11/10/2016 1:35:00 AM	12900.000	12.204	17.692	27.816	6008.465	6983.262	3.871	4748.619
166.432	1.002	14.739						
11/10/2016 1:40:00 AM	13200.000	12.205	17.691	27.819	6010.392	6985.555	3.872	4750.178
166.378	1.002	14.738						
11/10/2016 1:45:00 AM	13500.000	12.205	17.692	27.818	6010.792	6985.899	3.872	4750.412
166.367	1.002	14.736						
11/10/2016 1:50:00 AM	13800.000	12.205	17.692	27.819	6013.486	6989.030	3.874	4752.541
166.293	1.002	14.737						
11/10/2016 1:55:00 AM	14100.000	12.204	17.692	27.817	6013.239	6988.769	3.874	4752.363
166.300	1.002	14.738						
11/10/2016 2:00:00 AM	14400.000	12.195	17.692	27.797	6015.225	6991.133	3.875	4753.971
166.245	1.002	14.740						
11/10/2016 2:05:00 AM	14700.000	12.202	17.692	27.812	6016.267	6992.330	3.876	4754.785
166.216	1.002	14.739						
11/10/2016 2:10:00 AM	15000.000	12.202	17.692	27.813	6016.559	6992.587	3.876	4754.959
166.208	1.002	14.739						
11/10/2016 2:15:00 AM	15300.000	12.195	17.692	27.797	6017.461	6993.691	3.877	4755.710
166.183	1.002	14.739						
11/10/2016 2:20:00 AM	15600.000	12.199	17.692	27.805	6018.199	6994.549	3.877	4756.294
166.163	1.002	14.738						
11/10/2016 2:25:00 AM	15900.000	12.199	17.691	27.806	6020.555	6997.339	3.879	4758.191
166.098	1.002	14.738						
11/10/2016 2:30:00 AM	16200.000	12.204	17.692	27.816	6020.900	6997.714	3.879	4758.446
166.088	1.002	14.737						
11/10/2016 2:35:00 AM	16500.000	12.204	17.692	27.816	6022.238	6999.176	3.880	4759.439
166.051	1.002	14.738						
11/10/2016 2:40:00 AM	16800.000	12.202	17.692	27.812	6023.193	7000.337	3.881	4760.229
166.025	1.002	14.738						
11/10/2016 2:45:00 AM	17100.000	12.203	17.692	27.815	6023.303	7000.439	3.881	4760.299
166.022	1.002	14.739						
11/10/2016 2:50:00 AM	17400.000	12.198	17.692	27.803	6025.131	7002.577	3.882	4761.752
165.971	1.002	14.739						
11/10/2016 2:55:00 AM	17700.000	12.201	17.692	27.809	6025.455	7003.008	3.882	4762.046
165.963	1.002	14.739						
11/10/2016 3:00:00 AM	18000.000	12.205	17.692	27.819	6025.147	7002.583	3.882	4761.756
165.971	1.002	14.739						
11/10/2016 3:05:00 AM	18300.000	12.205	17.692	27.819	6026.009	7003.570	3.883	4762.428
165.947	1.002	14.740						
11/10/2016 3:10:00 AM	18600.000	12.204	17.692	27.816	6026.129	7003.710	3.883	4762.523
165.944	1.002	14.741						
11/10/2016 3:15:00 AM	18900.000	12.200	17.691	27.808	6027.587	7005.526	3.884	4763.758
165.904	1.002	14.741						
11/10/2016 3:20:00 AM	19200.000	12.206	17.692	27.822	6028.669	7006.676	3.885	4764.540
165.874	1.002	14.740						
11/10/2016 3:25:00 AM	19500.000	12.209	17.692	27.828	6028.613	7006.679	3.885	4764.542
165.876	1.002	14.738						
11/10/2016 3:30:00 AM	19800.000	12.206	17.692	27.820	6029.156	7007.269	3.885	4764.943
165.861	1.002	14.737						
11/10/2016 3:35:00 AM	20100.000	12.205	17.692	27.819	6030.566	7008.923	3.886	4766.067
165.822	1.002	14.737						
11/10/2016 3:40:00 AM	20400.000	12.203	17.692	27.815	6030.026	7008.295	3.886	4765.641
165.837	1.002	14.738						
11/10/2016 3:45:00 AM	20700.000	12.208	17.692	27.827	6029.599	7007.799	3.885	4765.304
165.849	1.002	14.738						
11/10/2016 3:50:00 AM	21000.000	12.207	17.692	27.824	6030.195	7008.463	3.886	4765.755
165.832	1.002	14.739						
11/10/2016 3:55:00 AM	21300.000	12.209	17.692	27.827	6030.949	7009.326	3.886	4766.342
165.811	1.002	14.741						
11/10/2016 4:00:00 AM	21600.000	12.202	17.692	27.812	6031.688	7010.145	3.887	4766.898
165.791	1.002	14.742						
11/10/2016 4:05:00 AM	21900.000	12.204	17.692	27.817	6032.221	7010.873	3.887	4767.394
165.776	1.002	14.739						
11/10/2016 4:10:00 AM	22200.000	12.212	17.692	27.834	6031.831	7010.392	3.887	4767.067
165.787	1.002	14.737						
11/10/2016 4:15:00 AM	22500.000	12.210	17.692	27.831	6031.589	7010.083	3.887	4766.856
165.794	1.002	14.735						
11/10/2016 4:20:00 AM	22800.000	12.214	17.693	27.840	6032.625	7011.191	3.887	4767.610
165.765	1.002	14.735						
11/10/2016 4:25:00 AM	23100.000	12.213	17.692	27.836	6032.084	7010.604	3.887	4767.211
165.780	1.002	14.735						
11/10/2016 4:30:00 AM	23400.000	12.212	17.692	27.836	6032.395	7011.060	3.887	4767.521
165.772	1.002	14.736						
11/10/2016 4:35:00 AM	23700.000	12.214	17.692	27.839	6032.840	7011.509	3.887	4767.827
165.759	1.002	14.735						
11/10/2016 4:40:00 AM	24000.000	12.211	17.692	27.833	6032.737	7011.417	3.887	4767.764
165.762	1.002	14.733						
11/10/2016 4:45:00 AM	24300.000	12.217	17.692	27.847	6033.724	7012.551	3.888	4768.536
165.735	1.002	14.732						
11/10/2016 4:50:00 AM	24600.000	12.215	17.692	27.842	6033.411	7012.241	3.888	4768.324
165.744	1.002	14.735						
11/10/2016 4:55:00 AM	24900.000	12.214	17.692	27.839	6033.348	7012.114	3.888	4768.238

165.745	1.002	14.737							
11/10/2016 5:00:00 AM	25200.000	12.206	17.692	27.822	6033.842	7012.674	3.888	4768.619	
165.732	1.002	14.740							
11/10/2016 5:05:00 AM	25500.000	12.208	17.692	27.825	6033.210	7012.007	3.888	4768.165	
165.749	1.002	14.738							
11/10/2016 5:10:00 AM	25800.000	12.214	17.692	27.841	6033.966	7012.818	3.888	4768.716	
165.728	1.002	14.737							
11/10/2016 5:15:00 AM	26100.000	12.216	17.692	27.844	6033.419	7012.250	3.888	4768.330	
165.743	1.002	14.735							
11/10/2016 5:20:00 AM	26400.000	12.217	17.692	27.845	6033.135	7011.919	3.888	4768.105	
165.751	1.002	14.734							
11/10/2016 5:25:00 AM	26700.000	12.219	17.692	27.850	6033.485	7012.260	3.888	4768.337	
165.742	1.002	14.733							
11/10/2016 5:30:00 AM	27000.000	12.215	17.692	27.843	6033.564	7012.299	3.888	4768.364	
165.740	1.002	14.732							
11/10/2016 5:35:00 AM	27300.000	12.218	17.692	27.848	6033.246	7012.008	3.888	4768.166	
165.748	1.002	14.734							
11/10/2016 5:40:00 AM	27600.000	12.216	17.692	27.844	6032.089	7010.693	3.887	4767.271	
165.780	1.002	14.737							
11/10/2016 5:45:00 AM	27900.000	12.215	17.692	27.841	6032.830	7011.565	3.887	4767.865	
165.760	1.002	14.739							
11/10/2016 5:50:00 AM	28200.000	12.216	17.692	27.845	6033.222	7011.902	3.888	4768.094	
165.749	1.002	14.739							
11/10/2016 5:55:00 AM	28500.000	12.219	17.692	27.851	6033.193	7011.960	3.888	4768.134	
165.750	1.002	14.739							
11/10/2016 6:00:00 AM	28800.000	12.218	17.692	27.850	6033.763	7012.649	3.888	4768.602	
165.734	1.002	14.739							
11/10/2016 6:05:00 AM	29100.000	12.219	17.692	27.851	6032.818	7011.512	3.887	4767.829	
165.760	1.002	14.745							
11/10/2016 6:10:00 AM	29400.000	12.211	17.692	27.832	6033.188	7011.954	3.888	4768.129	
165.750	1.002	14.752							
11/10/2016 6:15:00 AM	29700.000	12.202	17.692	27.811	6032.951	7011.599	3.888	4767.888	
165.756	1.002	14.758							
11/10/2016 6:20:00 AM	30000.000	12.208	17.692	27.826	6031.947	7010.499	3.887	4767.140	
165.784	1.002	14.753							
11/10/2016 6:25:00 AM	30300.000	12.217	17.692	27.845	6032.321	7010.906	3.887	4767.417	
165.774	1.002	14.749							
11/10/2016 6:30:00 AM	30600.000	12.221	17.692	27.856	6032.929	7011.669	3.888	4767.935	
165.757	1.002	14.744							
11/10/2016 6:35:00 AM	30900.000	12.215	17.692	27.841	6031.590	7010.084	3.887	4766.857	
165.794	1.002	14.745							
11/10/2016 6:40:00 AM	31200.000	12.220	17.692	27.852	6026.421	7004.077	3.883	4762.772	
165.936	1.002	14.746							
11/10/2016 6:45:00 AM	31500.000	12.213	17.692	27.837	6016.842	6992.930	3.876	4755.193	
166.200	1.002	14.747							
11/10/2016 6:50:00 AM	31800.000	12.212	17.692	27.834	5999.993	6973.282	3.865	4741.832	
166.667	1.002	14.748							
11/10/2016 6:55:00 AM	32100.000	12.216	17.692	27.844	5983.841	6954.562	3.854	4729.102	
167.117	1.002	14.748							
11/10/2016 7:00:00 AM	32400.000	12.216	17.692	27.845	5969.006	6937.269	3.843	4717.343	
167.532	1.002	14.749							
11/10/2016 7:05:00 AM	32700.000	12.216	17.692	27.845	5956.078	6922.283	3.835	4707.152	
167.896	1.002	14.748							
11/10/2016 7:10:00 AM	33000.000	12.214	17.692	27.839	5942.939	6906.974	3.826	4696.743	
168.267	1.002	14.747							
11/10/2016 7:15:00 AM	33300.000	12.214	17.692	27.840	5932.087	6894.426	3.818	4688.209	
168.575	1.002	14.746							
11/10/2016 7:20:00 AM	33600.000	12.215	17.692	27.841	5920.161	6880.540	3.810	4678.767	
168.914	1.002	14.747							
11/10/2016 7:25:00 AM	33900.000	12.221	17.693	27.855	5909.308	6867.859	3.802	4670.144	
169.225	1.002	14.748							
11/10/2016 7:30:00 AM	34200.000	12.220	17.692	27.852	5901.237	6858.506	3.797	4663.785	
169.456	1.002	14.749							
11/10/2016 7:35:00 AM	34500.000	12.214	17.693	27.839	5892.707	6848.577	3.791	4657.033	
169.701	1.002	14.751							
11/10/2016 7:40:00 AM	34800.000	12.212	17.693	27.835	5883.450	6837.766	3.785	4649.681	
169.968	1.002	14.754							
11/10/2016 7:45:00 AM	35100.000	12.210	17.692	27.830	5875.273	6828.331	3.779	4643.265	
170.205	1.002	14.756							
11/10/2016 7:50:00 AM	35400.000	12.215	17.693	27.843	5869.634	6821.696	3.775	4638.753	
170.368	1.002	14.755							
11/10/2016 7:55:00 AM	35700.000	12.215	17.693	27.842	5860.838	6811.500	3.769	4631.820	
170.624	1.002	14.755							
11/10/2016 8:00:00 AM	36000.000	12.212	17.692	27.834	5853.988	6803.593	3.764	4626.443	
170.824	1.002	14.754							
11/10/2016 8:05:00 AM	36300.000	12.217	17.693	27.846	5846.714	6795.124	3.759	4620.685	
171.036	1.002	14.752							
11/10/2016 8:10:00 AM	36600.000	12.218	17.693	27.849	5841.035	6788.511	3.755	4616.188	
171.203	1.002	14.750							
11/10/2016 8:15:00 AM	36900.000	12.217	17.692	27.846	5835.778	6782.479	3.752	4612.086	
171.357	1.002	14.748							
11/10/2016 8:20:00 AM	37200.000	12.221	17.693	27.855	5828.217	6773.614	3.747	4606.058	
171.579	1.002	14.748							
11/10/2016 8:25:00 AM	37500.000	12.219	17.692	27.851	5822.678	6767.216	3.743	4601.708	
171.742	1.002	14.747							
11/10/2016 8:30:00 AM	37800.000	12.218	17.693	27.848	5816.647	6760.154	3.739	4596.905	
171.920	1.002	14.747							
11/10/2016 8:35:00 AM	38100.000	12.214	17.692	27.839	5810.561	6753.121	3.735	4592.123	
172.100	1.002	14.747							
11/10/2016 8:40:00 AM	38400.000	12.218	17.692	27.848	5805.019	6746.706	3.731	4587.760	
172.265	1.002	14.748							
11/10/2016 8:45:00 AM	38700.000	12.218	17.693	27.849	5799.517	6740.232	3.727	4583.358	
172.428	1.002	14.748							
11/10/2016 8:50:00 AM	39000.000	12.217	17.692	27.847	5792.986	6732.707	3.723	4578.241	
172.623	1.002	14.750							
11/10/2016 8:55:00 AM	39300.000	12.213	17.692	27.838	5788.435	6727.456	3.719	4574.670	
172.758	1.002	14.752							
11/10/2016 9:00:00 AM	39600.000	12.211	17.692	27.833	5784.062	6722.399	3.716	4571.232	
172.889	1.001	14.754							
11/10/2016 9:05:00 AM	39900.000	12.212	17.692	27.835	5779.224	6716.712	3.713	4567.365	
173.034	1.001	14.753							
11/10/2016 9:10:00 AM	40200.000	12.207	17.692	27.823	5774.214	6710.903	3.710	4563.414	
173.184	1.001	14.751							
11/10/2016 9:15:00 AM	40500.000	12.209	17.692	27.828	5769.964	6705.978	3.707	4560.065	
173.311	1.001	14.750							
11/10/2016 9:20:00 AM	40800.000	12.215	17.693	27.841	5765.410	6700.606	3.704	4556.413	
173.448	1.001	14.747							
11/10/2016 9:25:00 AM	41100.000	12.217	17.693	27.846	5761.312	6695.843	3.701	4553.173	
173.572	1.001	14.744							
11/10/2016 9:30:00 AM	41400.000	12.218	17.692	27.848	5756.296	6690.054	3.697	4549.237	
173.723	1.001	14.742							
11/10/2016 9:35:00 AM	41700.000	12.214	17.692	27.839	5752.164	6685.393	3.695	4546.067	
173.848	1.001	14.741							
11/10/2016 9:40:00 AM	42000.000	12.218	17.692	27.848	5749.230	6681.842	3.692	4543.652	
173.936	1.001	14.741							
11/10/2016 9:45:00 AM	42300.000	12.218	17.692	27.849	5744.011	6675.826	3.689	4539.562	
174.094	1.001	14.741							
11/10/2016 9:50:00 AM	42600.000	12.214	17.692	27.840	5740.179	6671.398	3.686	4536.551	
174.211	1.001	14.740							
11/10/2016 9:55:00 AM	42900.000	12.217	17.692	27.847	5736.141	6666.704	3.684	4533.359	
174.333	1.001	14.739							
11/10/2016 10:00:00 AM	43200.000	12.215	17.693	27.841	5732.517	6662.299	3.681	4530.364	
174.443	1.001	14.738							
11/10/2016 10:05:00 AM	43500.000	12.217	17.693	27.847	5728.248	6657.441	3.678	4527.061	
174.573	1.001	14.739							
11/10/2016 10:10:00 AM	43800.000	12.216	17.692	27.843	5725.871	6654.693	3.676	4525.192	
174.646	1.001	14.740							
11/10/2016 10:15:00 AM	44100.000	12.215	17.693	27.841	5721.324	6649.394	3.673	4521.588	
174.785	1.001	14.741							
11/10/2016 10:20:00 AM	44400.000	12.214	17.693	27.839	5717.461	6644.880	3.671	4518.519	
174.903	1.001	14.742							
11/10/2016 10:25:00 AM	44700.000	12.212	17.692	27.835	5714.136	6641.055	3.668	4515.917	
175.005	1.001	14.743							

11/10/2016 10:30:00 AM	45000.000	12.208	17.693	27.826	5711.954	6638.491	3.667	4514.174
175.071	1.001	14.743						
11/10/2016 10:35:00 AM	45300.000	12.214	17.692	27.839	5708.314	6634.299	3.664	4511.324
175.183	1.001	14.740						
11/10/2016 10:40:00 AM	45600.000	12.216	17.693	27.843	5706.015	6631.577	3.663	4509.472
175.254	1.001	14.737						
11/10/2016 10:45:00 AM	45900.000	12.217	17.692	27.847	5703.015	6628.205	3.661	4507.180
175.346	1.001	14.734						
11/10/2016 10:50:00 AM	46200.000	12.213	17.692	27.836	5699.834	6624.472	3.659	4504.641
175.444	1.001	14.734						
11/10/2016 10:55:00 AM	46500.000	12.210	17.692	27.831	5697.810	6622.105	3.657	4503.031
175.506	1.001	14.733						
11/10/2016 11:00:00 AM	46800.000	12.210	17.692	27.829	5695.382	6619.259	3.656	4501.096
175.581	1.001	14.732						
11/10/2016 11:05:00 AM	47100.000	12.214	17.692	27.840	5691.659	6615.045	3.653	4498.230
175.696	1.001	14.733						
11/10/2016 11:10:00 AM	47400.000	12.210	17.692	27.829	5689.879	6612.926	3.652	4496.790
175.751	1.001	14.733						
11/10/2016 11:15:00 AM	47700.000	12.212	17.692	27.836	5687.773	6610.465	3.650	4495.116
175.816	1.001	14.734						
11/10/2016 11:20:00 AM	48000.000	12.208	17.692	27.827	5686.010	6608.428	3.649	4493.731
175.870	1.001	14.731						
11/10/2016 11:25:00 AM	48300.000	12.213	17.693	27.838	5684.004	6606.008	3.648	4492.085
175.932	1.001	14.729						
11/10/2016 11:30:00 AM	48600.000	12.216	17.692	27.844	5682.072	6603.838	3.646	4490.611
175.992	1.001	14.727						
11/10/2016 11:35:00 AM	48900.000	12.213	17.692	27.838	5679.750	6601.141	3.645	4488.776
176.064	1.001	14.728						
11/10/2016 11:40:00 AM	49200.000	12.212	17.692	27.834	5677.410	6598.371	3.643	4486.893
176.137	1.001	14.729						
11/10/2016 11:45:00 AM	49500.000	12.213	17.692	27.836	5677.204	6598.206	3.643	4486.781
176.143	1.001	14.729						
11/10/2016 11:50:00 AM	49800.000	12.211	17.692	27.833	5675.011	6595.595	3.642	4485.004
176.211	1.001	14.728						
11/10/2016 11:55:00 AM	50100.000	12.213	17.692	27.837	5673.386	6593.781	3.641	4483.772
176.262	1.001	14.728						
11/10/2016 12:00:00 PM	50400.000	12.208	17.692	27.827	5673.610	6594.018	3.641	4483.933
176.255	1.001	14.727						
11/10/2016 12:05:00 PM	50700.000	12.211	17.692	27.832	5672.462	6592.645	3.640	4482.999
176.290	1.001	14.728						
11/10/2016 12:10:00 PM	51000.000	12.205	17.692	27.818	5671.541	6591.550	3.639	4482.254
176.319	1.001	14.729						
11/10/2016 12:15:00 PM	51300.000	12.203	17.692	27.814	5670.762	6590.683	3.639	4481.664
176.343	1.001	14.730						
11/10/2016 12:20:00 PM	51600.000	12.205	17.693	27.818	5670.027	6589.764	3.638	4481.040
176.366	1.001	14.729						
11/10/2016 12:25:00 PM	51900.000	12.208	17.692	27.827	5670.445	6590.288	3.638	4481.396
176.353	1.001	14.727						
11/10/2016 12:30:00 PM	52200.000	12.209	17.693	27.828	5668.988	6588.568	3.637	4480.227
176.398	1.001	14.726						
11/10/2016 12:35:00 PM	52500.000	12.207	17.692	27.824	5669.605	6589.413	3.638	4480.801
176.379	1.001	14.726						
11/10/2016 12:40:00 PM	52800.000	12.209	17.692	27.828	5668.467	6588.040	3.637	4479.867
176.415	1.001	14.726						
11/10/2016 12:45:00 PM	53100.000	12.208	17.693	27.825	5667.065	6586.334	3.636	4478.708
176.458	1.001	14.726						
11/10/2016 12:50:00 PM	53400.000	12.206	17.692	27.822	5666.836	6586.120	3.636	4478.562
176.465	1.001	14.722						
11/10/2016 12:55:00 PM	53700.000	12.214	17.692	27.839	5666.960	6586.328	3.636	4478.703
176.461	1.001	14.719						
11/10/2016 1:00:00 PM	54000.000	12.213	17.692	27.838	5665.064	6584.022	3.635	4477.136
176.521	1.001	14.716						
11/10/2016 1:05:00 PM	54300.000	12.216	17.692	27.844	5664.768	6583.791	3.635	4476.979
176.530	1.001	14.716						
11/10/2016 1:10:00 PM	54600.000	12.212	17.692	27.834	5665.250	6584.250	3.635	4477.290
176.515	1.001	14.717						
11/10/2016 1:15:00 PM	54900.000	12.215	17.692	27.843	5664.565	6583.529	3.634	4476.800
176.536	1.001	14.718						
11/10/2016 1:20:00 PM	55200.000	12.211	17.692	27.832	5663.822	6582.617	3.634	4476.180
176.559	1.001	14.721						
11/10/2016 1:25:00 PM	55500.000	12.209	17.692	27.828	5663.416	6582.107	3.634	4475.833
176.572	1.001	14.724						
11/10/2016 1:30:00 PM	55800.000	12.206	17.692	27.820	5664.058	6582.892	3.634	4476.367
176.552	1.001	14.727						
11/10/2016 1:35:00 PM	56100.000	12.207	17.692	27.824	5663.254	6582.006	3.634	4475.764
176.577	1.001	14.727						
11/10/2016 1:40:00 PM	56400.000	12.208	17.692	27.825	5663.366	6582.123	3.634	4475.844
176.573	1.001	14.726						
11/10/2016 1:45:00 PM	56700.000	12.205	17.692	27.819	5663.069	6581.753	3.633	4475.593
176.583	1.001	14.725						
11/10/2016 1:50:00 PM	57000.000	12.208	17.692	27.827	5663.223	6581.907	3.634	4475.697
176.578	1.001	14.725						
11/10/2016 1:55:00 PM	57300.000	12.208	17.692	27.826	5663.512	6582.293	3.634	4475.960
176.569	1.001	14.726						
11/10/2016 2:00:00 PM	57600.000	12.207	17.692	27.824	5663.487	6582.214	3.634	4475.905
176.570	1.001	14.726						
11/10/2016 2:05:00 PM	57900.000	12.205	17.692	27.818	5663.352	6582.107	3.634	4475.833
176.574	1.001	14.728						
11/10/2016 2:10:00 PM	58200.000	12.204	17.692	27.818	5662.816	6581.434	3.633	4475.375
176.591	1.001	14.729						
11/10/2016 2:15:00 PM	58500.000	12.202	17.692	27.812	5663.973	6582.804	3.634	4476.307
176.555	1.001	14.731						
11/10/2016 2:20:00 PM	58800.000	12.202	17.692	27.813	5663.396	6582.159	3.634	4475.868
176.572	1.001	14.730						
11/10/2016 2:25:00 PM	59100.000	12.204	17.692	27.817	5663.959	6582.763	3.634	4476.279
176.555	1.001	14.730						
11/10/2016 2:30:00 PM	59400.000	12.205	17.692	27.819	5663.623	6582.372	3.634	4476.013
176.565	1.001	14.729						
11/10/2016 2:35:00 PM	59700.000	12.205	17.692	27.820	5662.779	6581.454	3.633	4475.389
176.592	1.001	14.728						
11/10/2016 2:40:00 PM	60000.000	12.203	17.692	27.815	5664.002	6582.901	3.634	4476.373
176.554	1.001	14.727						
11/10/2016 2:45:00 PM	60300.000	12.208	17.692	27.826	5663.440	6582.209	3.634	4475.902
176.571	1.001	14.726						
11/10/2016 2:50:00 PM	60600.000	12.200	17.692	27.807	5664.107	6582.985	3.634	4476.430
176.550	1.001	14.727						
11/10/2016 2:55:00 PM	60900.000	12.204	17.692	27.817	5663.127	6581.833	3.633	4475.647
176.581	1.001	14.729						
11/10/2016 3:00:00 PM	61200.000	12.204	17.692	27.816	5663.356	6582.125	3.634	4475.845
176.574	1.001	14.731						
11/10/2016 3:05:00 PM	61500.000	12.204	17.692	27.817	5662.923	6581.573	3.633	4475.470
176.587	1.001	14.731						
11/10/2016 3:10:00 PM	61800.000	12.201	17.692	27.811	5664.779	6583.715	3.635	4476.926
176.529	1.001	14.731						
11/10/2016 3:15:00 PM	62100.000	12.202	17.692	27.811	5664.229	6583.076	3.634	4476.492
176.547	1.001	14.732						
11/10/2016 3:20:00 PM	62400.000	12.201	17.692	27.810	5664.821	6583.765	3.635	4476.960
176.528	1.001	14.734						
11/10/2016 3:25:00 PM	62700.000	12.199	17.692	27.806	5664.861	6583.836	3.635	4477.008
176.527	1.001	14.736						
11/10/2016 3:30:00 PM	63000.000	12.194	17.692	27.793	5663.838	6582.622	3.634	4476.184
176.559	1.001	14.738						
11/10/2016 3:35:00 PM	63300.000	12.193	17.692	27.791	5665.931	6585.042	3.635	4477.829
176.493	1.001	14.737						
11/10/2016 3:40:00 PM	63600.000	12.200	17.692	27.807	5665.594	6584.726	3.635	4477.613
176.504	1.001	14.737						
11/10/2016 3:45:00 PM	63900.000	12.198	17.692	27.804	5666.771	6586.119	3.636	4478.561
176.467	1.001	14.737						
11/10/2016 3:50:00 PM	64200.000	12.198	17.692	27.803	5666.727	6585.966	3.636	4478.458
176.469	1.001	14.737						
11/10/2016 3:55:00 PM	64500.000	12.194	17.692	27.795	5665.895	6585.012	3.635	4477.809
176.495	1.001	14.737						
11/10/2016 4:00:00 PM	64800.000	12.195	17.692	27.795	5667.398	6586.823	3.636	4479.040

176.448	1.001	14.737						
11/10/2016 4:05:00 PM	65100.000	12.200	17.692	27.806	5668.024	6587.538	3.637	4479.525
176.428	1.001	14.738						
11/10/2016 4:10:00 PM	65400.000	12.193	17.692	27.792	5667.141	6586.538	3.636	4478.846
176.456	1.001	14.738						
11/10/2016 4:15:00 PM	65700.000	12.197	17.692	27.800	5667.402	6586.789	3.636	4479.017
176.448	1.001	14.739						
11/10/2016 4:20:00 PM	66000.000	12.198	17.692	27.804	5668.649	6588.239	3.637	4480.003
176.409	1.001	14.739						
11/10/2016 4:25:00 PM	66300.000	12.199	17.692	27.806	5667.382	6586.779	3.636	4479.010
176.448	1.001	14.738						
11/10/2016 4:30:00 PM	66600.000	12.199	17.692	27.804	5668.065	6587.585	3.637	4479.558
176.427	1.001	14.738						
11/10/2016 4:35:00 PM	66900.000	12.193	17.692	27.791	5669.126	6588.818	3.638	4480.397
176.394	1.001	14.739						
11/10/2016 4:40:00 PM	67200.000	12.195	17.693	27.797	5668.892	6588.445	3.637	4480.143
176.401	1.001	14.741						
11/10/2016 4:45:00 PM	67500.000	12.194	17.692	27.794	5670.518	6590.463	3.639	4481.515
176.351	1.001	14.743						
11/10/2016 4:50:00 PM	67800.000	12.193	17.692	27.791	5671.188	6591.189	3.639	4482.009
176.330	1.001	14.739						
11/10/2016 4:55:00 PM	68100.000	12.202	17.692	27.813	5671.855	6592.042	3.639	4482.589
176.309	1.001	14.734						
11/10/2016 5:00:00 PM	68400.000	12.205	17.692	27.820	5671.936	6592.084	3.640	4482.617
176.307	1.001	14.730						
11/10/2016 5:05:00 PM	68700.000	12.197	17.692	27.801	5672.834	6593.064	3.640	4483.284
176.279	1.001	14.735						
11/10/2016 5:10:00 PM	69000.000	12.193	17.692	27.792	5673.936	6594.435	3.641	4484.216
176.245	1.001	14.740						
11/10/2016 5:15:00 PM	69300.000	12.193	17.692	27.791	5674.223	6594.716	3.641	4484.407
176.236	1.001	14.746						
11/10/2016 5:20:00 PM	69600.000	12.194	17.692	27.793	5674.794	6595.369	3.641	4484.852
176.218	1.001	14.745						
11/10/2016 5:25:00 PM	69900.000	12.195	17.692	27.796	5674.192	6594.656	3.641	4484.366
176.237	1.001	14.744						
11/10/2016 5:30:00 PM	70200.000	12.195	17.692	27.797	5675.546	6596.317	3.642	4485.497
176.195	1.001	14.744						
11/10/2016 5:35:00 PM	70500.000	12.197	17.692	27.802	5676.252	6597.088	3.642	4486.020
176.173	1.001	14.743						
11/10/2016 5:40:00 PM	70800.000	12.196	17.692	27.799	5677.083	6598.093	3.643	4486.704
176.147	1.001	14.742						
11/10/2016 5:45:00 PM	71100.000	12.197	17.692	27.801	5678.153	6599.246	3.644	4487.487
176.114	1.001	14.741						
11/10/2016 5:50:00 PM	71400.000	12.196	17.692	27.798	5678.047	6599.213	3.644	4487.465
176.117	1.001	14.744						
11/10/2016 5:55:00 PM	71700.000	12.191	17.692	27.787	5679.315	6600.597	3.645	4488.406
176.078	1.001	14.746						
11/10/2016 6:00:00 PM	72000.000	12.188	17.692	27.781	5679.557	6600.929	3.645	4488.632
176.070	1.001	14.748						
11/10/2016 6:05:00 PM	72300.000	12.189	17.692	27.783	5680.895	6602.483	3.646	4489.689
176.029	1.001	14.747						
11/10/2016 6:10:00 PM	72600.000	12.195	17.692	27.796	5681.019	6602.706	3.646	4489.840
176.025	1.001	14.746						
11/10/2016 6:15:00 PM	72900.000	12.190	17.692	27.785	5681.659	6603.411	3.646	4490.320
176.005	1.001	14.744						
11/10/2016 6:20:00 PM	73200.000	12.196	17.692	27.797	5682.840	6604.693	3.647	4491.191
175.968	1.001	14.745						
11/10/2016 6:25:00 PM	73500.000	12.192	17.692	27.790	5682.989	6604.867	3.647	4491.310
175.964	1.001	14.745						
11/10/2016 6:30:00 PM	73800.000	12.195	17.692	27.796	5682.706	6604.613	3.647	4491.138
175.973	1.001	14.745						
11/10/2016 6:35:00 PM	74100.000	12.197	17.692	27.801	5684.091	6606.198	3.648	4492.215
175.930	1.001	14.743						
11/10/2016 6:40:00 PM	74400.000	12.200	17.692	27.807	5683.823	6605.899	3.648	4492.012
175.938	1.001	14.742						
11/10/2016 6:45:00 PM	74700.000	12.194	17.692	27.794	5684.927	6607.119	3.648	4492.841
175.904	1.001	14.740						
11/10/2016 6:50:00 PM	75000.000	12.198	17.692	27.803	5685.438	6607.763	3.649	4493.279
175.888	1.001	14.742						
11/10/2016 6:55:00 PM	75300.000	12.197	17.692	27.800	5687.145	6609.723	3.650	4494.612
175.835	1.001	14.743						
11/10/2016 7:00:00 PM	75600.000	12.195	17.692	27.795	5686.388	6608.918	3.649	4494.065
175.859	1.001	14.744						
11/10/2016 7:05:00 PM	75900.000	12.187	17.692	27.779	5686.924	6609.467	3.650	4494.438
175.842	1.001	14.745						
11/10/2016 7:10:00 PM	76200.000	12.192	17.692	27.789	5688.253	6611.011	3.651	4495.488
175.801	1.001	14.745						
11/10/2016 7:15:00 PM	76500.000	12.191	17.692	27.788	5688.474	6611.342	3.651	4495.713
175.794	1.001	14.745						
11/10/2016 7:20:00 PM	76800.000	12.187	17.692	27.778	5689.321	6612.316	3.651	4496.375
175.768	1.001	14.744						
11/10/2016 7:25:00 PM	77100.000	12.193	17.692	27.792	5690.059	6613.173	3.652	4496.958
175.745	1.001	14.742						
11/10/2016 7:30:00 PM	77400.000	12.194	17.692	27.795	5689.517	6612.491	3.652	4496.494
175.762	1.001	14.741						
11/10/2016 7:35:00 PM	77700.000	12.195	17.692	27.796	5690.249	6613.419	3.652	4497.125
175.739	1.001	14.741						
11/10/2016 7:40:00 PM	78000.000	12.188	17.692	27.781	5690.910	6614.148	3.653	4497.622
175.719	1.001	14.741						
11/10/2016 7:45:00 PM	78300.000	12.194	17.692	27.794	5691.092	6614.347	3.653	4497.756
175.713	1.001	14.742						
11/10/2016 7:50:00 PM	78600.000	12.192	17.692	27.789	5691.091	6614.373	3.653	4497.774
175.713	1.001	14.744						
11/10/2016 7:55:00 PM	78900.000	12.186	17.692	27.775	5693.297	6616.885	3.654	4499.481
175.645	1.001	14.747						
11/10/2016 8:00:00 PM	79200.000	12.183	17.692	27.770	5692.776	6616.279	3.654	4499.070
175.661	1.001	14.750						
11/10/2016 8:05:00 PM	79500.000	12.188	17.692	27.781	5694.031	6617.712	3.655	4500.045
175.623	1.001	14.748						
11/10/2016 8:10:00 PM	79800.000	12.193	17.692	27.791	5693.685	6617.413	3.654	4499.841
175.633	1.001	14.745						
11/10/2016 8:15:00 PM	80100.000	12.194	17.692	27.794	5694.359	6618.108	3.655	4500.314
175.612	1.001	14.743						
11/10/2016 8:20:00 PM	80400.000	12.194	17.692	27.794	5694.461	6618.263	3.655	4500.419
175.609	1.001	14.745						
11/10/2016 8:25:00 PM	80700.000	12.191	17.692	27.788	5695.802	6619.874	3.656	4501.515
175.568	1.001	14.746						
11/10/2016 8:30:00 PM	81000.000	12.191	17.692	27.787	5695.422	6619.344	3.656	4501.154
175.580	1.001	14.748						
11/10/2016 8:35:00 PM	81300.000	12.190	17.692	27.786	5696.160	6620.187	3.656	4501.727
175.557	1.001	14.749						
11/10/2016 8:40:00 PM	81600.000	12.189	17.692	27.783	5696.991	6621.216	3.657	4502.428
175.531	1.001	14.750						
11/10/2016 8:45:00 PM	81900.000	12.187	17.692	27.778	5697.644	6621.912	3.657	4502.900
175.511	1.001	14.751						
11/10/2016 8:50:00 PM	82200.000	12.191	17.692	27.787	5698.274	6622.683	3.658	4503.425
175.492	1.001	14.749						
11/10/2016 8:55:00 PM	82500.000	12.193	17.692	27.791	5698.720	6623.177	3.658	4503.760
175.478	1.001	14.746						
11/10/2016 9:00:00 PM	82800.000	12.196	17.692	27.797	5698.663	6623.185	3.658	4503.766
175.480	1.001	14.744						
11/10/2016 9:05:00 PM	83100.000	12.190	17.692	27.785	5700.796	6625.589	3.659	4505.401
175.414	1.001	14.746						
11/10/2016 9:10:00 PM	83400.000	12.192	17.692	27.789	5700.960	6625.791	3.659	4505.539
175.409	1.001	14.749						
11/10/2016 9:15:00 PM	83700.000	12.189	17.692	27.781	5701.166	6626.068	3.660	4505.727
175.403	1.001	14.751						
11/10/2016 9:20:00 PM	84000.000	12.189	17.692	27.782	5701.677	6626.677	3.660	4506.141
175.387	1.001	14.752						
11/10/2016 9:25:00 PM	84300.000	12.191	17.692	27.787	5702.822	6627.943	3.661	4507.002
175.352	1.001	14.753						
11/10/2016 9:30:00 PM	84600.000	12.186	17.692	27.775	5705.992	6631.665	3.663	4509.532
175.254	1.001	14.754						

11/10/2016 9:35:00 PM	84900.000	12.187	17.692	27.779	5718.219	6645.888	3.671	4519.204
174.880	1.001	14.752						
11/10/2016 9:40:00 PM	85200.000	12.189	17.692	27.784	5737.906	6668.808	3.685	4534.790
174.280	1.001	14.750						
11/10/2016 9:45:00 PM	85500.000	12.190	17.692	27.786	5755.931	6689.744	3.697	4549.026
173.734	1.001	14.748						
11/10/2016 9:50:00 PM	85800.000	12.194	17.691	27.793	5771.342	6707.732	3.708	4561.258
173.270	1.001	14.750						
11/10/2016 9:55:00 PM	86100.000	12.189	17.692	27.782	5785.054	6723.565	3.717	4572.025
172.859	1.001	14.751						
11/10/2016 10:00:00 PM	86400.000	12.188	17.692	27.781	5798.871	6739.664	3.727	4582.972
172.447	1.002	14.752						
11/10/2016 10:05:00 PM	86700.000	12.193	17.691	27.791	5810.517	6753.250	3.735	4592.211
172.102	1.002	14.752						
11/10/2016 10:10:00 PM	87000.000	12.192	17.692	27.788	5822.786	6767.473	3.743	4601.881
171.739	1.002	14.752						
11/10/2016 10:15:00 PM	87300.000	12.193	17.692	27.792	5832.853	6779.106	3.750	4609.792
171.443	1.002	14.752						
11/10/2016 10:20:00 PM	87600.000	12.190	17.692	27.784	5842.551	6790.430	3.757	4617.493
171.158	1.002	14.751						
11/10/2016 10:25:00 PM	87900.000	12.194	17.692	27.795	5851.759	6801.146	3.763	4624.780
170.889	1.002	14.750						
11/10/2016 10:30:00 PM	88200.000	12.196	17.692	27.798	5859.461	6810.059	3.768	4630.840
170.664	1.002	14.749						
11/10/2016 10:35:00 PM	88500.000	12.188	17.691	27.781	5869.135	6821.433	3.775	4638.575
170.383	1.002	14.751						
11/10/2016 10:40:00 PM	88800.000	12.190	17.691	27.786	5875.944	6829.267	3.780	4643.902
170.185	1.002	14.753						
11/10/2016 10:45:00 PM	89100.000	12.189	17.692	27.782	5882.119	6836.417	3.784	4648.765
170.007	1.002	14.754						
11/10/2016 10:50:00 PM	89400.000	12.190	17.691	27.784	5888.727	6844.137	3.788	4654.014
169.816	1.002	14.754						
11/10/2016 10:55:00 PM	89700.000	12.184	17.691	27.772	5897.136	6853.911	3.794	4660.659
169.574	1.002	14.754						
11/10/2016 11:00:00 PM	90000.000	12.188	17.692	27.781	5901.439	6858.873	3.797	4664.034
169.450	1.002	14.754						
11/10/2016 11:05:00 PM	90300.000	12.191	17.692	27.788	5907.720	6866.146	3.801	4668.979
169.270	1.002	14.753						
11/10/2016 11:10:00 PM	90600.000	12.191	17.692	27.786	5913.581	6872.984	3.805	4673.630
169.102	1.002	14.752						
11/10/2016 11:15:00 PM	90900.000	12.192	17.692	27.790	5917.734	6877.757	3.808	4676.875
168.984	1.002	14.751						
11/10/2016 11:20:00 PM	91200.000	12.191	17.691	27.787	5923.705	6884.803	3.812	4681.667
168.813	1.002	14.753						
11/10/2016 11:25:00 PM	91500.000	12.183	17.691	27.768	5927.418	6889.092	3.815	4684.583
168.708	1.002	14.756						
11/10/2016 11:30:00 PM	91800.000	12.187	17.692	27.778	5932.454	6894.933	3.818	4688.555
168.564	1.002	14.758						
11/10/2016 11:35:00 PM	92100.000	12.190	17.692	27.785	5936.593	6899.715	3.821	4691.807
168.447	1.002	14.758						
11/10/2016 11:40:00 PM	92400.000	12.191	17.692	27.787	5941.564	6905.521	3.825	4695.755
168.306	1.002	14.757						
11/10/2016 11:45:00 PM	92700.000	12.192	17.691	27.790	5946.369	6911.158	3.828	4699.588
168.170	1.002	14.757						
11/10/2016 11:50:00 PM	93000.000	12.189	17.692	27.782	5950.211	6915.571	3.831	4702.588
168.061	1.002	14.757						
11/10/2016 11:55:00 PM	93300.000	12.195	17.692	27.796	5953.910	6919.856	3.833	4705.502
167.957	1.002	14.757						
11/11/2016 12:00:00 AM	93600.000	12.195	17.692	27.797	5959.155	6925.966	3.837	4709.658
167.809	1.002	14.756						
11/11/2016 12:05:00 AM	93900.000	12.196	17.691	27.799	5961.998	6929.309	3.839	4711.930
167.729	1.002	14.757						
11/11/2016 12:10:00 AM	94200.000	12.192	17.692	27.789	5964.807	6932.535	3.841	4714.124
167.650	1.002	14.758						
11/11/2016 12:15:00 AM	94500.000	12.197	17.691	27.801	5969.289	6937.770	3.844	4717.683
167.524	1.002	14.759						
11/11/2016 12:20:00 AM	94800.000	12.197	17.692	27.800	5972.771	6941.763	3.846	4720.399
167.426	1.002	14.760						
11/11/2016 12:25:00 AM	95100.000	12.195	17.692	27.797	5974.765	6944.080	3.848	4721.975
167.371	1.002	14.761						
11/11/2016 12:30:00 AM	95400.000	12.195	17.692	27.797	5978.715	6948.699	3.850	4725.116
167.260	1.002	14.762						
11/11/2016 12:35:00 AM	95700.000	12.193	17.691	27.792	5980.718	6951.067	3.852	4726.726
167.204	1.002	14.760						
11/11/2016 12:40:00 AM	96000.000	12.200	17.691	27.808	5983.820	6954.685	3.854	4729.186
167.117	1.002	14.758						
11/11/2016 12:45:00 AM	96300.000	12.197	17.692	27.801	5986.170	6957.350	3.855	4730.998
167.052	1.002	14.755						
11/11/2016 12:50:00 AM	96600.000	12.197	17.692	27.800	5989.721	6961.491	3.858	4733.814
166.953	1.002	14.757						
11/11/2016 12:55:00 AM	96900.000	12.194	17.691	27.793	5991.884	6964.113	3.859	4735.597
166.892	1.002	14.758						
11/11/2016 1:00:00 AM	97200.000	12.194	17.692	27.795	5995.074	6967.673	3.861	4738.018
166.804	1.002	14.759						
11/11/2016 1:05:00 AM	97500.000	12.195	17.692	27.796	5996.413	6969.228	3.862	4739.075
166.766	1.002	14.759						
11/11/2016 1:10:00 AM	97800.000	12.198	17.692	27.804	5998.259	6971.414	3.864	4740.562
166.715	1.002	14.759						
11/11/2016 1:15:00 AM	98100.000	12.199	17.692	27.805	6001.545	6975.206	3.866	4743.140
166.624	1.002	14.759						
11/11/2016 1:20:00 AM	98400.000	12.200	17.691	27.808	6002.475	6976.340	3.867	4743.912
166.598	1.002	14.758						
11/11/2016 1:25:00 AM	98700.000	12.202	17.692	27.811	6005.061	6979.280	3.868	4745.910
166.526	1.002	14.758						
11/11/2016 1:30:00 AM	99000.000	12.204	17.691	27.817	6006.650	6981.179	3.869	4747.203
166.482	1.002	14.757						
11/11/2016 1:35:00 AM	99300.000	12.201	17.692	27.809	6008.234	6982.979	3.871	4748.426
166.438	1.002	14.755						
11/11/2016 1:40:00 AM	99600.000	12.206	17.692	27.821	6009.747	6984.752	3.872	4749.631
166.396	1.002	14.754						
11/11/2016 1:45:00 AM	99900.000	12.207	17.692	27.824	6012.396	6987.845	3.873	4751.735
166.323	1.002	14.752						
11/11/2016 1:50:00 AM	100200.000	12.206	17.692	27.821	6013.867	6989.541	3.874	4752.888
166.282	1.002	14.754						
11/11/2016 1:55:00 AM	100500.000	12.204	17.692	27.816	6013.106	6988.656	3.874	4752.287
166.303	1.002	14.756						
11/11/2016 2:00:00 AM	100800.000	12.202	17.692	27.813	6016.414	6992.501	3.876	4754.901
166.212	1.002	14.758						
11/11/2016 2:05:00 AM	101100.000	12.200	17.692	27.808	6016.647	6992.730	3.876	4755.057
166.206	1.002	14.756						
11/11/2016 2:10:00 AM	101400.000	12.205	17.691	27.820	6017.805	6994.210	3.877	4756.063
166.174	1.002	14.753						
11/11/2016 2:15:00 AM	101700.000	12.208	17.691	27.825	6018.331	6994.795	3.878	4756.460
166.159	1.002	14.751						
11/11/2016 2:20:00 AM	102000.000	12.208	17.692	27.825	6020.251	6996.906	3.879	4757.896
166.106	1.002	14.751						
11/11/2016 2:25:00 AM	102300.000	12.207	17.691	27.822	6022.396	6999.479	3.880	4759.646
166.047	1.002	14.752						
11/11/2016 2:30:00 AM	102600.000	12.206	17.692	27.821	6022.087	6999.068	3.880	4759.367
166.055	1.002	14.752						
11/11/2016 2:35:00 AM	102900.000	12.204	17.692	27.817	6023.884	7001.197	3.881	4760.814
166.006	1.002	14.752						
11/11/2016 2:40:00 AM	103200.000	12.206	17.691	27.820	6024.850	7002.331	3.882	4761.585
165.979	1.002	14.753						
11/11/2016 2:45:00 AM	103500.000	12.204	17.692	27.817	6025.608	7003.161	3.883	4762.150
165.958	1.002	14.753						
11/11/2016 2:50:00 AM	103800.000	12.199	17.692	27.804	6026.800	7004.586	3.883	4763.119
165.926	1.002	14.752						
11/11/2016 2:55:00 AM	104100.000	12.201	17.692	27.809	6027.612	7005.530	3.884	4763.761
165.903	1.002	14.752						
11/11/2016 3:00:00 AM	104400.000	12.204	17.692	27.818	6027.902	7005.852	3.884	4763.980
165.895	1.002	14.752						
11/11/2016 3:05:00 AM	104700.000	12.209	17.692	27.828	6028.870	7006.978	3.885	4764.745

165.869	1.002	14.749						
11/11/2016 3:10:00 AM	105000.000	12.205	17.692	27.820	6029.037	7007.185	3.885	4764.886
165.864	1.002	14.747						
11/11/2016 3:15:00 AM	105300.000	12.210	17.692	27.831	6028.925	7007.055	3.885	4764.798
165.867	1.002	14.745						
11/11/2016 3:20:00 AM	105600.000	12.207	17.691	27.824	6029.267	7007.562	3.885	4765.143
165.858	1.002	14.748						
11/11/2016 3:25:00 AM	105900.000	12.204	17.692	27.818	6030.205	7008.461	3.886	4765.754
165.832	1.002	14.751						
11/11/2016 3:30:00 AM	106200.000	12.201	17.692	27.811	6031.440	7009.965	3.887	4766.776
165.798	1.002	14.754						
11/11/2016 3:35:00 AM	106500.000	12.204	17.691	27.817	6032.925	7011.757	3.888	4767.995
165.757	1.002	14.751						
11/11/2016 3:40:00 AM	106800.000	12.208	17.692	27.826	6032.646	7011.352	3.887	4767.719
165.765	1.002	14.747						
11/11/2016 3:45:00 AM	107100.000	12.206	17.692	27.821	6033.077	7011.853	3.888	4768.060
165.753	1.002	14.744						
11/11/2016 3:50:00 AM	107400.000	12.208	17.691	27.827	6033.481	7012.363	3.888	4768.407
165.742	1.002	14.743						
11/11/2016 3:55:00 AM	107700.000	12.208	17.692	27.826	6033.166	7011.902	3.888	4768.094
165.750	1.002	14.743						
11/11/2016 4:00:00 AM	108000.000	12.214	17.692	27.840	6033.420	7012.251	3.888	4768.331
165.743	1.002	14.743						
11/11/2016 4:05:00 AM	108300.000	12.209	17.692	27.828	6033.765	7012.681	3.888	4768.624
165.734	1.002	14.743						
11/11/2016 4:10:00 AM	108600.000	12.214	17.692	27.839	6034.587	7013.580	3.889	4769.235
165.711	1.002	14.743						
11/11/2016 4:15:00 AM	108900.000	12.213	17.692	27.837	6035.104	7014.197	3.889	4769.654
165.697	1.002	14.744						
11/11/2016 4:20:00 AM	109200.000	12.209	17.692	27.828	6035.544	7014.708	3.889	4770.002
165.685	1.002	14.743						
11/11/2016 4:25:00 AM	109500.000	12.213	17.692	27.837	6035.345	7014.395	3.889	4769.789
165.691	1.002	14.743						
11/11/2016 4:30:00 AM	109800.000	12.213	17.691	27.837	6036.659	7016.071	3.890	4770.928
165.655	1.002	14.743						
11/11/2016 4:35:00 AM	110100.000	12.213	17.692	27.838	6036.224	7015.538	3.890	4770.566
165.666	1.002	14.744						
11/11/2016 4:40:00 AM	110400.000	12.209	17.691	27.827	6036.940	7016.383	3.890	4771.141
165.647	1.002	14.744						
11/11/2016 4:45:00 AM	110700.000	12.213	17.691	27.836	6036.728	7016.151	3.890	4770.983
165.653	1.002	14.745						
11/11/2016 4:50:00 AM	111000.000	12.210	17.692	27.831	6035.887	7015.118	3.890	4770.280
165.676	1.002	14.747						
11/11/2016 4:55:00 AM	111300.000	12.210	17.691	27.831	6037.289	7016.802	3.891	4771.426
165.637	1.002	14.749						
11/11/2016 5:00:00 AM	111600.000	12.204	17.692	27.818	6036.160	7015.450	3.890	4770.506
165.668	1.002	14.751						
11/11/2016 5:05:00 AM	111900.000	12.206	17.692	27.822	6036.567	7015.869	3.890	4770.791
165.657	1.002	14.748						
11/11/2016 5:10:00 AM	112200.000	12.211	17.692	27.833	6037.530	7017.028	3.891	4771.579
165.631	1.002	14.746						
11/11/2016 5:15:00 AM	112500.000	12.218	17.692	27.848	6036.250	7015.500	3.890	4770.540
165.666	1.002	14.744						
11/11/2016 5:20:00 AM	112800.000	12.219	17.692	27.850	6036.500	7015.819	3.890	4770.758
165.659	1.002	14.745						
11/11/2016 5:25:00 AM	113100.000	12.212	17.692	27.835	6036.094	7015.373	3.890	4770.454
165.670	1.002	14.746						
11/11/2016 5:30:00 AM	113400.000	12.217	17.691	27.845	6037.141	7016.630	3.890	4771.309
165.641	1.002	14.746						
11/11/2016 5:35:00 AM	113700.000	12.215	17.692	27.841	6036.365	7015.674	3.890	4770.659
165.663	1.002	14.748						
11/11/2016 5:40:00 AM	114000.000	12.207	17.692	27.824	6037.002	7016.429	3.890	4771.171
165.645	1.002	14.749						
11/11/2016 5:45:00 AM	114300.000	12.213	17.691	27.837	6037.458	7016.984	3.891	4771.550
165.633	1.002	14.751						
11/11/2016 5:50:00 AM	114600.000	12.214	17.692	27.839	6037.174	7016.574	3.890	4771.271
165.640	1.002	14.748						
11/11/2016 5:55:00 AM	114900.000	12.215	17.692	27.842	6036.147	7015.353	3.890	4770.440
165.669	1.002	14.744						
11/11/2016 6:00:00 AM	115200.000	12.219	17.692	27.851	6036.956	7016.292	3.890	4771.080
165.646	1.002	14.741						
11/11/2016 6:05:00 AM	115500.000	12.218	17.692	27.848	6035.873	7015.102	3.890	4770.270
165.676	1.002	14.743						
11/11/2016 6:10:00 AM	115800.000	12.222	17.692	27.859	6037.317	7016.809	3.891	4771.431
165.636	1.002	14.744						
11/11/2016 6:15:00 AM	116100.000	12.218	17.692	27.848	6036.146	7015.352	3.890	4770.439
165.669	1.002	14.745						
11/11/2016 6:20:00 AM	116400.000	12.223	17.692	27.859	6035.431	7014.617	3.889	4769.940
165.688	1.002	14.747						
11/11/2016 6:25:00 AM	116700.000	12.221	17.692	27.856	6036.826	7016.130	3.890	4770.968
165.650	1.002	14.749						
11/11/2016 6:30:00 AM	117000.000	12.219	17.692	27.851	6036.460	7015.676	3.890	4770.660
165.660	1.002	14.750						
11/11/2016 6:35:00 AM	117300.000	12.220	17.692	27.852	6034.140	7013.048	3.888	4768.873
165.724	1.002	14.751						
11/11/2016 6:40:00 AM	117600.000	12.212	17.691	27.836	6026.574	7004.417	3.883	4763.004
165.932	1.002	14.752						
11/11/2016 6:45:00 AM	117900.000	12.210	17.692	27.831	6012.643	6988.063	3.874	4751.882
166.316	1.002	14.753						
11/11/2016 6:50:00 AM	118200.000	12.213	17.692	27.836	5993.920	6966.290	3.861	4737.077
166.836	1.002	14.754						
11/11/2016 6:55:00 AM	118500.000	12.216	17.692	27.844	5977.594	6947.261	3.849	4724.138
167.291	1.002	14.754						
11/11/2016 7:00:00 AM	118800.000	12.216	17.692	27.844	5963.271	6930.643	3.840	4712.838
167.693	1.002	14.755						
11/11/2016 7:05:00 AM	119100.000	12.215	17.692	27.842	5950.428	6915.703	3.831	4702.678
168.055	1.002	14.755						
11/11/2016 7:10:00 AM	119400.000	12.218	17.692	27.848	5939.278	6902.797	3.823	4693.902
168.371	1.002	14.755						
11/11/2016 7:15:00 AM	119700.000	12.213	17.692	27.837	5926.760	6888.209	3.814	4683.983
168.726	1.002	14.754						
11/11/2016 7:20:00 AM	120000.000	12.218	17.692	27.848	5917.075	6876.925	3.808	4676.309
169.002	1.002	14.755						
11/11/2016 7:25:00 AM	120300.000	12.218	17.693	27.849	5908.271	6866.667	3.802	4669.334
169.254	1.002	14.755						
11/11/2016 7:30:00 AM	120600.000	12.219	17.692	27.850	5899.952	6857.013	3.796	4662.769
169.493	1.002	14.756						
11/11/2016 7:35:00 AM	120900.000	12.215	17.692	27.841	5890.593	6846.176	3.790	4655.400
169.762	1.002	14.756						
11/11/2016 7:40:00 AM	121200.000	12.214	17.692	27.840	5882.849	6837.212	3.784	4649.305
169.986	1.002	14.756						
11/11/2016 7:45:00 AM	121500.000	12.218	17.692	27.850	5876.487	6829.767	3.780	4644.241
170.170	1.002	14.756						
11/11/2016 7:50:00 AM	121800.000	12.220	17.692	27.853	5868.985	6821.063	3.775	4638.323
170.387	1.002	14.755						
11/11/2016 7:55:00 AM	122100.000	12.217	17.692	27.846	5861.437	6812.275	3.770	4632.348
170.607	1.002	14.754						
11/11/2016 8:00:00 AM	122400.000	12.223	17.693	27.860	5854.244	6803.875	3.765	4626.636
170.816	1.002	14.753						
11/11/2016 8:05:00 AM	122700.000	12.220	17.692	27.852	5847.325	6795.850	3.760	4621.178
171.018	1.002	14.756						
11/11/2016 8:10:00 AM	123000.000	12.212	17.692	27.836	5839.640	6786.917	3.755	4615.104
171.243	1.002	14.760						
11/11/2016 8:15:00 AM	123300.000	12.213	17.692	27.837	5833.577	6779.935	3.750	4610.356
171.421	1.002	14.764						
11/11/2016 8:20:00 AM	123600.000	12.210	17.692	27.831	5828.116	6773.575	3.747	4606.031
171.582	1.002	14.763						
11/11/2016 8:25:00 AM	123900.000	12.218	17.692	27.848	5821.601	6765.978	3.742	4600.865
171.774	1.002	14.761						
11/11/2016 8:30:00 AM	124200.000	12.216	17.692	27.845	5815.626	6759.072	3.738	4596.169
171.951	1.002	14.760						
11/11/2016 8:35:00 AM	124500.000	12.222	17.692	27.859	5811.495	6754.322	3.735	4592.939
172.073	1.002	14.759						

11/11/2016 8:40:00 AM	124800.000	12.222	17.692	27.858	5805.033	6746.722	3.731	4587.771
172.264	1.002	14.759						
11/11/2016 8:45:00 AM	125100.000	12.218	17.692	27.848	5800.444	6741.364	3.728	4584.127
172.401	1.002	14.758						
11/11/2016 8:50:00 AM	125400.000	12.223	17.692	27.859	5795.836	6736.084	3.724	4580.538
172.538	1.002	14.758						
11/11/2016 8:55:00 AM	125700.000	12.218	17.693	27.849	5791.617	6731.089	3.722	4577.141
172.663	1.002	14.759						
11/11/2016 9:00:00 AM	126000.000	12.217	17.692	27.846	5786.324	6724.964	3.718	4572.976
172.821	1.001	14.759						
11/11/2016 9:05:00 AM	126300.000	12.219	17.692	27.850	5781.900	6719.875	3.715	4569.515
172.954	1.001	14.762						
11/11/2016 9:10:00 AM	126600.000	12.218	17.693	27.849	5777.599	6714.797	3.712	4566.063
173.082	1.001	14.765						
11/11/2016 9:15:00 AM	126900.000	12.211	17.693	27.833	5772.762	6709.164	3.709	4562.231
173.227	1.001	14.768						
11/11/2016 9:20:00 AM	127200.000	12.212	17.692	27.836	5767.353	6702.929	3.705	4557.992
173.390	1.001	14.767						
11/11/2016 9:25:00 AM	127500.000	12.217	17.692	27.847	5763.615	6698.571	3.702	4555.028
173.502	1.001	14.766						
11/11/2016 9:30:00 AM	127800.001	12.220	17.693	27.853	5761.007	6695.515	3.701	4552.950
173.581	1.001	14.765						
11/11/2016 9:35:00 AM	128100.000	12.220	17.692	27.853	5760.262	6694.675	3.700	4552.379
173.603	1.001	14.766						
11/11/2016 9:40:00 AM	128400.000	12.219	17.692	27.851	5758.021	6692.084	3.699	4550.617
173.671	1.001	14.766						
11/11/2016 9:45:00 AM	128700.000	12.215	17.692	27.842	5755.693	6689.364	3.697	4548.768
173.741	1.001	14.766						
11/11/2016 9:50:00 AM	129000.000	12.216	17.692	27.844	5751.699	6684.723	3.694	4545.611
173.862	1.001	14.766						
11/11/2016 9:55:00 AM	129300.000	12.221	17.692	27.855	5751.064	6683.998	3.694	4545.118
173.881	1.001	14.766						
11/11/2016 10:00:00 AM	129600.000	12.220	17.693	27.854	5745.978	6678.022	3.690	4541.055
174.035	1.001	14.766						
11/11/2016 10:05:00 AM	129900.000	12.216	17.692	27.844	5744.317	6676.220	3.689	4539.830
174.085	1.001	14.764						
11/11/2016 10:10:00 AM	130200.000	12.218	17.692	27.850	5740.614	6671.916	3.687	4536.903
174.197	1.001	14.762						
11/11/2016 10:15:00 AM	130500.000	12.223	17.692	27.860	5737.868	6668.724	3.685	4534.733
174.281	1.001	14.760						
11/11/2016 10:20:00 AM	130800.000	12.225	17.692	27.864	5735.345	6665.768	3.683	4532.723
174.357	1.001	14.760						
11/11/2016 10:25:00 AM	131100.000	12.226	17.692	27.866	5732.858	6662.826	3.681	4530.722
174.433	1.001	14.759						
11/11/2016 10:30:00 AM	131400.000	12.225	17.692	27.864	5731.027	6660.736	3.680	4529.301
174.489	1.001	14.759						
11/11/2016 10:35:00 AM	131700.000	12.220	17.692	27.854	5728.478	6657.786	3.678	4527.294
174.566	1.001	14.759						
11/11/2016 10:40:00 AM	132000.000	12.218	17.692	27.849	5724.758	6653.438	3.676	4524.339
174.680	1.001	14.759						
11/11/2016 10:45:00 AM	132300.000	12.226	17.692	27.866	5723.038	6651.488	3.675	4523.013
174.732	1.001	14.759						
11/11/2016 10:50:00 AM	132600.000	12.225	17.692	27.864	5720.935	6649.020	3.673	4521.333
174.797	1.001	14.761						
11/11/2016 10:55:00 AM	132900.000	12.223	17.693	27.860	5718.459	6646.065	3.671	4519.324
174.872	1.001	14.762						
11/11/2016 11:00:00 AM	133200.000	12.222	17.692	27.857	5715.292	6642.423	3.669	4516.848
174.969	1.001	14.763						
11/11/2016 11:05:00 AM	133500.000	12.224	17.692	27.862	5713.792	6640.693	3.668	4515.672
175.015	1.001	14.760						
11/11/2016 11:10:00 AM	133800.000	12.227	17.693	27.869	5710.826	6637.181	3.666	4513.283
175.106	1.001	14.758						
11/11/2016 11:15:00 AM	134100.000	12.225	17.693	27.864	5709.213	6635.306	3.665	4512.009
175.155	1.001	14.755						
11/11/2016 11:20:00 AM	134400.000	12.227	17.692	27.868	5706.348	6632.053	3.663	4509.796
175.243	1.001	14.757						
11/11/2016 11:25:00 AM	134700.000	12.223	17.692	27.861	5706.590	6632.348	3.663	4509.997
175.236	1.001	14.759						
11/11/2016 11:30:00 AM	135000.000	12.224	17.692	27.863	5704.871	6630.374	3.662	4508.655
175.289	1.001	14.761						
11/11/2016 11:35:00 AM	135300.000	12.224	17.692	27.863	5702.885	6628.053	3.661	4507.076
175.350	1.001	14.759						
11/11/2016 11:40:00 AM	135600.000	12.220	17.692	27.854	5701.440	6626.362	3.660	4505.927
175.394	1.001	14.757						
11/11/2016 11:45:00 AM	135900.000	12.226	17.692	27.866	5699.683	6624.307	3.659	4504.528
175.448	1.001	14.755						
11/11/2016 11:50:00 AM	136200.000	12.225	17.692	27.866	5698.340	6622.784	3.658	4503.493
175.490	1.001	14.755						
11/11/2016 11:55:00 AM	136500.000	12.225	17.692	27.865	5698.023	6622.416	3.657	4503.244
175.499	1.001	14.755						
11/11/2016 12:00:00 PM	136800.000	12.222	17.692	27.857	5696.750	6620.860	3.656	4502.186
175.539	1.001	14.755						
11/11/2016 12:05:00 PM	137100.000	12.219	17.691	27.852	5695.150	6619.167	3.655	4501.033
175.588	1.001	14.755						
11/11/2016 12:10:00 PM	137400.000	12.224	17.692	27.863	5692.758	6616.284	3.654	4499.074
175.662	1.001	14.755						
11/11/2016 12:15:00 PM	137700.000	12.222	17.692	27.859	5692.799	6616.344	3.654	4499.114
175.661	1.001	14.755						
11/11/2016 12:20:00 PM	138000.000	12.221	17.692	27.856	5691.757	6615.120	3.653	4498.282
175.693	1.001	14.756						
11/11/2016 12:25:00 PM	138300.000	12.218	17.692	27.849	5690.806	6614.002	3.652	4497.522
175.722	1.001	14.757						
11/11/2016 12:30:00 PM	138600.000	12.217	17.692	27.847	5688.630	6611.474	3.651	4495.802
175.789	1.001	14.758						
11/11/2016 12:35:00 PM	138900.000	12.214	17.692	27.840	5688.255	6611.014	3.651	4495.490
175.801	1.001	14.757						
11/11/2016 12:40:00 PM	139200.000	12.214	17.692	27.839	5686.418	6608.915	3.649	4494.063
175.858	1.001	14.756						
11/11/2016 12:45:00 PM	139500.000	12.216	17.692	27.845	5685.209	6607.511	3.649	4493.108
175.895	1.001	14.754						
11/11/2016 12:50:00 PM	139800.000	12.215	17.692	27.842	5685.485	6607.805	3.649	4493.308
175.886	1.001	14.755						
11/11/2016 12:55:00 PM	140100.000	12.216	17.692	27.845	5685.004	6607.259	3.648	4492.937
175.901	1.001	14.755						
11/11/2016 1:00:00 PM	140400.000	12.219	17.692	27.852	5683.268	6605.229	3.647	4491.556
175.955	1.001	14.755						
11/11/2016 1:05:00 PM	140700.000	12.219	17.692	27.851	5682.002	6603.796	3.646	4490.581
175.994	1.001	14.756						
11/11/2016 1:10:00 PM	141000.000	12.219	17.692	27.850	5682.344	6604.192	3.647	4490.852
175.984	1.001	14.757						
11/11/2016 1:15:00 PM	141300.000	12.218	17.692	27.849	5681.442	6603.058	3.646	4490.080
176.012	1.001	14.757						
11/11/2016 1:20:00 PM	141600.000	12.217	17.692	27.847	5680.175	6601.634	3.645	4489.111
176.051	1.001	14.758						
11/11/2016 1:25:00 PM	141900.000	12.216	17.692	27.844	5679.120	6600.471	3.644	4488.320
176.084	1.001	14.758						
11/11/2016 1:30:00 PM	142200.000	12.218	17.692	27.848	5678.809	6600.036	3.644	4488.025
176.093	1.001	14.758						
11/11/2016 1:35:00 PM	142500.000	12.216	17.692	27.845	5678.666	6599.906	3.644	4487.936
176.098	1.001	14.759						
11/11/2016 1:40:00 PM	142800.000	12.216	17.692	27.844	5678.018	6599.127	3.644	4487.406
176.118	1.001	14.759						
11/11/2016 1:45:00 PM	143100.000	12.209	17.691	27.828	5677.770	6598.941	3.644	4487.280
176.125	1.001	14.760						
11/11/2016 1:50:00 PM	143400.000	12.212	17.692	27.836	5677.933	6599.028	3.644	4487.339
176.120	1.001	14.762						
11/11/2016 1:55:00 PM	143700.000	12.208	17.692	27.826	5677.481	6598.516	3.643	4486.991
176.134	1.001	14.763						
11/11/2016 2:00:00 PM	144000.000	12.208	17.692	27.825	5676.906	6597.898	3.643	4486.571
176.152	1.001	14.765						
11/11/2016 2:05:00 PM	144300.000	12.214	17.692	27.839	5676.255	6597.092	3.642	4486.022
176.172	1.001	14.758						
11/11/2016 2:10:00 PM	144600.000	12.220	17.692	27.852	5675.143	6595.849	3.642	4485.178

176.207	1.001	14.751						
11/11/2016 2:15:00 PM	144900.000	12.226	17.691	27.868	5675.207	6595.987	3.642	4485.271
176.205	1.001	14.744						
11/11/2016 2:20:00 PM	145200.000	12.218	17.692	27.848	5675.058	6595.700	3.642	4485.077
176.210	1.001	14.750						
11/11/2016 2:25:00 PM	145500.000	12.213	17.692	27.836	5674.326	6594.899	3.641	4484.532
176.232	1.001	14.755						
11/11/2016 2:30:00 PM	145800.000	12.213	17.692	27.837	5674.750	6595.367	3.641	4484.850
176.219	1.001	14.761						
11/11/2016 2:35:00 PM	146100.000	12.208	17.692	27.825	5676.554	6597.478	3.643	4486.285
176.163	1.001	14.761						
11/11/2016 2:40:00 PM	146400.000	12.213	17.692	27.837	5674.958	6595.609	3.642	4485.015
176.213	1.001	14.761						
11/11/2016 2:45:00 PM	146700.000	12.213	17.692	27.837	5676.255	6597.116	3.642	4486.039
176.172	1.001	14.761						
11/11/2016 2:50:00 PM	147000.000	12.211	17.692	27.833	5675.887	6596.688	3.642	4485.748
176.184	1.001	14.764						
11/11/2016 2:55:00 PM	147300.000	12.205	17.692	27.819	5676.074	6596.906	3.642	4485.896
176.178	1.001	14.767						
11/11/2016 3:00:00 PM	147600.000	12.206	17.692	27.822	5676.287	6597.141	3.642	4486.056
176.171	1.001	14.770						
11/11/2016 3:05:00 PM	147900.000	12.208	17.692	27.827	5676.700	6597.570	3.643	4486.348
176.159	1.001	14.766						
11/11/2016 3:10:00 PM	148200.000	12.213	17.692	27.838	5677.253	6598.227	3.643	4486.794
176.142	1.001	14.763						
11/11/2016 3:15:00 PM	148500.000	12.208	17.692	27.827	5678.655	6599.893	3.644	4487.927
176.098	1.001	14.760						
11/11/2016 3:20:00 PM	148800.000	12.206	17.692	27.822	5677.820	6598.974	3.644	4487.302
176.124	1.001	14.762						
11/11/2016 3:25:00 PM	149100.000	12.211	17.692	27.834	5679.347	6600.661	3.645	4488.450
176.077	1.001	14.764						
11/11/2016 3:30:00 PM	149400.000	12.209	17.692	27.828	5678.668	6599.882	3.644	4487.920
176.098	1.001	14.766						
11/11/2016 3:35:00 PM	149700.000	12.206	17.692	27.822	5678.407	6599.617	3.644	4487.740
176.106	1.001	14.768						
11/11/2016 3:40:00 PM	150000.000	12.205	17.692	27.819	5679.646	6601.072	3.645	4488.729
176.067	1.001	14.770						
11/11/2016 3:45:00 PM	150300.000	12.203	17.692	27.815	5680.449	6601.952	3.645	4489.328
176.042	1.001	14.771						
11/11/2016 3:50:00 PM	150600.000	12.209	17.692	27.827	5680.569	6602.144	3.645	4489.458
176.039	1.001	14.768						
11/11/2016 3:55:00 PM	150900.000	12.207	17.692	27.824	5681.277	6602.940	3.646	4490.000
176.017	1.001	14.765						
11/11/2016 4:00:00 PM	151200.000	12.209	17.691	27.827	5680.974	6602.677	3.646	4489.821
176.026	1.001	14.762						
11/11/2016 4:05:00 PM	151500.000	12.208	17.692	27.825	5681.512	6603.251	3.646	4490.211
176.009	1.001	14.763						
11/11/2016 4:10:00 PM	151800.000	12.210	17.692	27.831	5681.712	6603.383	3.646	4490.301
176.003	1.001	14.764						
11/11/2016 4:15:00 PM	152100.000	12.207	17.692	27.824	5682.448	6604.328	3.647	4490.943
175.980	1.001	14.765						
11/11/2016 4:20:00 PM	152400.000	12.210	17.692	27.830	5682.700	6604.632	3.647	4491.150
175.973	1.001	14.765						
11/11/2016 4:25:00 PM	152700.000	12.207	17.692	27.823	5683.356	6605.422	3.647	4491.688
175.952	1.001	14.765						
11/11/2016 4:30:00 PM	153000.000	12.211	17.692	27.832	5683.646	6605.681	3.648	4491.863
175.943	1.001	14.765						
11/11/2016 4:35:00 PM	153300.000	12.208	17.692	27.827	5683.674	6605.690	3.648	4491.870
175.943	1.001	14.767						
11/11/2016 4:40:00 PM	153600.000	12.207	17.692	27.825	5685.143	6607.434	3.649	4493.055
175.897	1.001	14.769						
11/11/2016 4:45:00 PM	153900.000	12.206	17.692	27.821	5685.414	6607.711	3.649	4493.244
175.889	1.001	14.771						
11/11/2016 4:50:00 PM	154200.000	12.208	17.692	27.826	5686.559	6609.131	3.650	4494.209
175.853	1.001	14.770						
11/11/2016 4:55:00 PM	154500.000	12.209	17.692	27.829	5687.175	6609.822	3.650	4494.680
175.834	1.001	14.769						
11/11/2016 5:00:00 PM	154800.000	12.211	17.692	27.834	5687.799	6610.586	3.650	4495.198
175.815	1.001	14.769						
11/11/2016 5:05:00 PM	155100.000	12.209	17.692	27.829	5689.353	6612.313	3.651	4496.373
175.767	1.001	14.769						
11/11/2016 5:10:00 PM	155400.000	12.206	17.692	27.820	5688.719	6611.553	3.651	4495.857
175.786	1.001	14.770						
11/11/2016 5:15:00 PM	155700.000	12.205	17.692	27.819	5690.333	6613.493	3.652	4497.176
175.737	1.001	14.770						
11/11/2016 5:20:00 PM	156000.000	12.208	17.692	27.827	5691.309	6614.665	3.653	4497.973
175.706	1.001	14.771						
11/11/2016 5:25:00 PM	156300.000	12.207	17.692	27.824	5690.032	6613.090	3.652	4496.901
175.746	1.001	14.772						
11/11/2016 5:30:00 PM	156600.000	12.209	17.691	27.827	5691.131	6614.495	3.653	4497.857
175.712	1.001	14.773						
11/11/2016 5:35:00 PM	156900.000	12.210	17.692	27.829	5692.308	6615.773	3.653	4498.726
175.676	1.001	14.774						
11/11/2016 5:40:00 PM	157200.000	12.207	17.692	27.824	5692.735	6616.285	3.654	4499.074
175.662	1.001	14.774						
11/11/2016 5:45:00 PM	157500.000	12.207	17.692	27.823	5692.612	6616.141	3.654	4498.976
175.666	1.001	14.775						
11/11/2016 5:50:00 PM	157800.000	12.204	17.692	27.816	5692.767	6616.307	3.654	4499.089
175.661	1.001	14.777						
11/11/2016 5:55:00 PM	158100.000	12.199	17.692	27.805	5693.418	6617.103	3.654	4499.630
175.641	1.001	14.778						
11/11/2016 6:00:00 PM	158400.000	12.203	17.692	27.813	5693.150	6616.751	3.654	4499.392
175.650	1.001	14.780						
11/11/2016 6:05:00 PM	158700.000	12.197	17.692	27.802	5694.405	6618.161	3.655	4500.350
175.611	1.001	14.779						
11/11/2016 6:10:00 PM	159000.000	12.205	17.692	27.820	5695.086	6619.002	3.655	4500.922
175.590	1.001	14.779						
11/11/2016 6:15:00 PM	159300.000	12.204	17.692	27.816	5695.239	6619.194	3.655	4501.052
175.585	1.001	14.778						
11/11/2016 6:20:00 PM	159600.000	12.203	17.692	27.814	5694.658	6618.492	3.655	4500.575
175.603	1.001	14.778						
11/11/2016 6:25:00 PM	159900.000	12.202	17.692	27.812	5695.778	6619.832	3.656	4501.486
175.569	1.001	14.778						
11/11/2016 6:30:00 PM	160200.000	12.200	17.692	27.807	5695.974	6620.009	3.656	4501.606
175.563	1.001	14.778						
11/11/2016 6:35:00 PM	160500.000	12.204	17.692	27.816	5696.714	6620.920	3.657	4502.226
175.540	1.001	14.779						
11/11/2016 6:40:00 PM	160800.000	12.201	17.692	27.811	5696.482	6620.624	3.656	4502.024
175.547	1.001	14.779						
11/11/2016 6:45:00 PM	161100.000	12.200	17.692	27.808	5697.795	6622.203	3.657	4503.099
175.506	1.001	14.779						
11/11/2016 6:50:00 PM	161400.000	12.202	17.692	27.812	5697.589	6621.925	3.657	4502.909
175.513	1.001	14.777						
11/11/2016 6:55:00 PM	161700.000	12.202	17.691	27.812	5698.616	6623.182	3.658	4503.764
175.481	1.001	14.776						
11/11/2016 7:00:00 PM	162000.000	12.202	17.692	27.812	5697.880	6622.264	3.657	4503.140
175.504	1.001	14.775						
11/11/2016 7:05:00 PM	162300.000	12.203	17.692	27.813	5699.488	6624.144	3.658	4504.418
175.454	1.001	14.773						
11/11/2016 7:10:00 PM	162600.000	12.200	17.692	27.807	5699.904	6624.654	3.659	4504.765
175.442	1.001	14.771						
11/11/2016 7:15:00 PM	162900.000	12.200	17.692	27.808	5699.920	6624.646	3.659	4504.760
175.441	1.001	14.770						
11/11/2016 7:20:00 PM	163200.000	12.197	17.692	27.800	5700.089	6624.804	3.659	4504.867
175.436	1.001	14.771						
11/11/2016 7:25:00 PM	163500.000	12.193	17.691	27.792	5700.472	6625.326	3.659	4505.222
175.424	1.001	14.772						
11/11/2016 7:30:00 PM	163800.000	12.195	17.692	27.796	5700.459	6625.300	3.659	4505.204
175.424	1.001	14.773						
11/11/2016 7:35:00 PM	164100.000	12.194	17.692	27.794	5700.216	6625.017	3.659	4505.012
175.432	1.001	14.768						
11/11/2016 7:40:00 PM	164400.000	12.202	17.692	27.813	5700.624	6625.425	3.659	4505.289
175.419	1.001	14.764						

11/11/2016 7:45:00 PM	164700.000	12.207	17.692	27.823	5701.138	6626.050	3.660	4505.714
175.404	1.001	14.759						
11/11/2016 7:50:00 PM	165000.000	12.199	17.691	27.806	5700.313	6625.141	3.659	4505.097
175.429	1.001	14.759						
11/11/2016 7:55:00 PM	165300.000	12.201	17.692	27.809	5700.906	6625.792	3.659	4505.539
175.411	1.001	14.760						
11/11/2016 8:00:00 PM	165600.000	12.202	17.692	27.812	5700.074	6624.852	3.659	4504.899
175.436	1.001	14.761						
11/11/2016 8:05:00 PM	165900.000	12.198	17.691	27.804	5701.916	6627.004	3.660	4506.363
175.380	1.001	14.760						
11/11/2016 8:10:00 PM	166200.000	12.196	17.692	27.799	5702.924	6628.165	3.661	4507.152
175.349	1.001	14.760						
11/11/2016 8:15:00 PM	166500.000	12.199	17.692	27.805	5703.759	6629.069	3.661	4507.767
175.323	1.001	14.759						
11/11/2016 8:20:00 PM	166800.000	12.199	17.692	27.805	5703.769	6629.069	3.661	4507.767
175.323	1.001	14.758						
11/11/2016 8:25:00 PM	167100.000	12.196	17.692	27.797	5704.707	6630.171	3.662	4508.516
175.294	1.001	14.756						
11/11/2016 8:30:00 PM	167400.000	12.197	17.692	27.801	5703.353	6628.597	3.661	4507.446
175.335	1.001	14.754						
11/11/2016 8:35:00 PM	167700.000	12.200	17.692	27.808	5703.347	6628.564	3.661	4507.424
175.336	1.001	14.756						
11/11/2016 8:40:00 PM	168000.000	12.196	17.691	27.798	5705.005	6630.607	3.662	4508.813
175.285	1.001	14.758						
11/11/2016 8:45:00 PM	168300.000	12.198	17.692	27.804	5705.346	6630.952	3.662	4509.047
175.274	1.001	14.761						
11/11/2016 8:50:00 PM	168600.000	12.196	17.691	27.799	5705.136	6630.747	3.662	4508.908
175.281	1.001	14.762						
11/11/2016 8:55:00 PM	168900.000	12.191	17.692	27.788	5706.309	6632.099	3.663	4509.827
175.245	1.001	14.763						
11/11/2016 9:00:00 PM	169200.000	12.194	17.691	27.795	5706.520	6632.369	3.663	4510.011
175.238	1.001	14.764						
11/11/2016 9:05:00 PM	169500.000	12.195	17.692	27.797	5705.846	6631.507	3.663	4509.425
175.259	1.001	14.762						
11/11/2016 9:10:00 PM	169800.000	12.197	17.692	27.800	5708.037	6634.080	3.664	4511.175
175.192	1.001	14.761						
11/11/2016 9:15:00 PM	170100.000	12.199	17.691	27.806	5707.396	6633.373	3.664	4510.693
175.211	1.001	14.759						
11/11/2016 9:20:00 PM	170400.000	12.195	17.692	27.797	5707.933	6633.933	3.664	4511.075
175.195	1.001	14.760						
11/11/2016 9:25:00 PM	170700.000	12.197	17.692	27.801	5706.823	6632.605	3.663	4510.171
175.229	1.001	14.760						
11/11/2016 9:30:00 PM	171000.000	12.192	17.692	27.789	5708.700	6634.839	3.665	4511.691
175.171	1.001	14.760						
11/11/2016 9:35:00 PM	171300.000	12.190	17.691	27.785	5709.331	6635.622	3.665	4512.223
175.152	1.001	14.761						
11/11/2016 9:40:00 PM	171600.000	12.197	17.691	27.801	5714.324	6641.439	3.669	4516.179
174.999	1.001	14.762						
11/11/2016 9:45:00 PM	171900.000	12.201	17.692	27.811	5728.013	6657.296	3.678	4526.962
174.581	1.001	14.762						
11/11/2016 9:50:00 PM	172200.000	12.205	17.691	27.819	5747.201	6679.674	3.691	4542.179
173.998	1.001	14.767						
11/11/2016 9:55:00 PM	172500.000	12.201	17.691	27.811	5766.938	6702.589	3.705	4557.760
173.402	1.001	14.772						
11/11/2016 10:00:00 PM	172800.000	12.202	17.691	27.812	5783.023	6721.362	3.716	4570.526
172.920	1.001	14.777						
11/11/2016 10:05:00 PM	173100.000	12.201	17.691	27.810	5799.540	6740.545	3.727	4583.571
172.427	1.002	14.777						
11/11/2016 10:10:00 PM	173400.000	12.195	17.692	27.797	5811.768	6754.667	3.735	4593.173
172.065	1.002	14.777						
11/11/2016 10:15:00 PM	173700.000	12.193	17.691	27.793	5823.915	6768.823	3.744	4602.799
171.706	1.002	14.777						
11/11/2016 10:20:00 PM	174000.000	12.199	17.692	27.805	5835.536	6782.292	3.752	4611.958
171.364	1.002	14.773						
11/11/2016 10:25:00 PM	174300.000	12.199	17.691	27.806	5844.922	6793.211	3.758	4619.384
171.089	1.002	14.770						
11/11/2016 10:30:00 PM	174600.000	12.206	17.691	27.821	5855.841	6805.956	3.766	4628.050
170.770	1.002	14.766						
11/11/2016 10:35:00 PM	174900.000	12.201	17.691	27.810	5863.837	6815.235	3.771	4634.360
170.537	1.002	14.769						
11/11/2016 10:40:00 PM	175200.000	12.206	17.691	27.820	5872.331	6825.122	3.777	4641.083
170.290	1.002	14.771						
11/11/2016 10:45:00 PM	175500.000	12.203	17.691	27.813	5880.455	6834.575	3.783	4647.512
170.055	1.002	14.773						
11/11/2016 10:50:00 PM	175800.000	12.203	17.691	27.813	5888.937	6844.461	3.789	4654.233
169.810	1.002	14.774						
11/11/2016 10:55:00 PM	176100.000	12.201	17.691	27.809	5896.254	6852.899	3.794	4659.971
169.599	1.002	14.775						
11/11/2016 11:00:00 PM	176400.000	12.202	17.691	27.811	5902.003	6859.580	3.797	4664.515
169.434	1.002	14.776						
11/11/2016 11:05:00 PM	176700.000	12.195	17.691	27.797	5908.482	6867.150	3.802	4669.663
169.248	1.002	14.778						
11/11/2016 11:10:00 PM	177000.000	12.200	17.692	27.808	5914.608	6874.192	3.806	4674.451
169.073	1.002	14.779						
11/11/2016 11:15:00 PM	177300.000	12.203	17.691	27.815	5920.083	6880.674	3.810	4678.859
168.917	1.002	14.781						
11/11/2016 11:20:00 PM	177600.000	12.203	17.692	27.815	5926.025	6887.434	3.814	4683.456
168.747	1.002	14.782						
11/11/2016 11:25:00 PM	177900.000	12.202	17.691	27.812	5931.698	6894.067	3.818	4687.965
168.586	1.002	14.782						
11/11/2016 11:30:00 PM	178200.000	12.199	17.691	27.805	5936.139	6899.294	3.821	4691.520
168.460	1.002	14.782						
11/11/2016 11:35:00 PM	178500.000	12.204	17.692	27.816	5940.851	6904.653	3.824	4695.164
168.326	1.002	14.782						
11/11/2016 11:40:00 PM	178800.000	12.201	17.691	27.809	5946.063	6910.776	3.828	4699.328
168.179	1.002	14.782						
11/11/2016 11:45:00 PM	179100.000	12.202	17.691	27.812	5950.622	6916.141	3.831	4702.976
168.050	1.002	14.781						
11/11/2016 11:50:00 PM	179400.000	12.199	17.691	27.805	5954.575	6920.735	3.834	4706.101
167.938	1.002	14.779						
11/11/2016 11:55:00 PM	179700.000	12.207	17.691	27.823	5959.352	6926.273	3.837	4709.866
167.803	1.002	14.777						
11/12/2016 12:00:00 AM	180000.000	12.209	17.691	27.828	5962.792	6930.219	3.839	4712.550
167.707	1.002	14.774						
11/12/2016 12:05:00 AM	180300.000	12.212	17.691	27.835	5966.395	6934.447	3.842	4715.424
167.605	1.002	14.774						
11/12/2016 12:10:00 AM	180600.000	12.212	17.692	27.836	5971.390	6940.172	3.845	4719.317
167.465	1.002	14.773						
11/12/2016 12:15:00 AM	180900.000	12.209	17.691	27.829	5974.579	6944.000	3.847	4721.920
167.376	1.002	14.773						
11/12/2016 12:20:00 AM	181200.000	12.206	17.691	27.821	5977.159	6946.998	3.849	4723.958
167.304	1.002	14.774						
11/12/2016 12:25:00 AM	181500.000	12.209	17.692	27.828	5980.870	6951.176	3.852	4726.800
167.200	1.002	14.776						
11/12/2016 12:30:00 AM	181800.000	12.208	17.691	27.825	5985.474	6956.607	3.855	4730.494
167.071	1.002	14.778						
11/12/2016 12:35:00 AM	182100.000	12.207	17.691	27.824	5987.857	6959.351	3.857	4732.359
167.005	1.002	14.779						
11/12/2016 12:40:00 AM	182400.000	12.199	17.691	27.806	5991.559	6963.640	3.859	4735.275
166.901	1.002	14.781						
11/12/2016 12:45:00 AM	182700.000	12.206	17.691	27.821	5994.465	6967.031	3.861	4737.582
166.821	1.002	14.783						
11/12/2016 12:50:00 AM	183000.000	12.209	17.691	27.829	5996.479	6969.425	3.863	4739.209
166.765	1.002	14.780						
11/12/2016 12:55:00 AM	183300.000	12.209	17.691	27.827	5998.913	6972.187	3.864	4741.087
166.697	1.002	14.778						
11/12/2016 1:00:00 AM	183600.000	12.214	17.691	27.840	6000.883	6974.490	3.866	4742.653
166.642	1.002	14.776						
11/12/2016 1:05:00 AM	183900.000	12.214	17.691	27.841	6004.643	6978.846	3.868	4745.616
166.538	1.002	14.776						
11/12/2016 1:10:00 AM	184200.000	12.207	17.691	27.823	6005.948	6980.363	3.869	4746.647
166.502	1.002	14.777						
11/12/2016 1:15:00 AM	184500.000	12.210	17.691	27.831	6009.435	6984.455	3.871	4749.430

166.405	1.002	14.777						
11/12/2016 1:20:00 AM	184800.000	12.211	17.692	27.833	6011.524	6986.832	3.873	4751.046
166.347	1.002	14.777						
11/12/2016 1:25:00 AM	185100.000	12.208	17.691	27.827	6012.683	6988.190	3.874	4751.970
166.315	1.002	14.777						
11/12/2016 1:30:00 AM	185400.000	12.207	17.691	27.824	6015.536	6991.573	3.876	4754.270
166.236	1.002	14.777						
11/12/2016 1:35:00 AM	185700.000	12.207	17.691	27.823	6017.170	6993.487	3.877	4755.571
166.191	1.002	14.778						
11/12/2016 1:40:00 AM	186000.000	12.210	17.691	27.831	6018.113	6994.501	3.877	4756.261
166.165	1.002	14.779						
11/12/2016 1:45:00 AM	186300.000	12.209	17.691	27.829	6021.669	6998.702	3.880	4759.118
166.067	1.002	14.780						
11/12/2016 1:50:00 AM	186600.000	12.208	17.691	27.826	6022.917	7000.099	3.881	4760.067
166.033	1.002	14.782						
11/12/2016 1:55:00 AM	186900.000	12.205	17.691	27.819	6024.127	7001.491	3.882	4761.015
165.999	1.002	14.784						
11/12/2016 2:00:00 AM	187200.000	12.205	17.692	27.818	6024.995	7002.474	3.882	4761.683
165.975	1.002	14.785						
11/12/2016 2:05:00 AM	187500.000	12.205	17.692	27.819	6027.115	7004.923	3.884	4763.349
165.917	1.002	14.783						
11/12/2016 2:10:00 AM	187800.000	12.211	17.691	27.832	6027.935	7005.944	3.884	4764.042
165.894	1.002	14.781						
11/12/2016 2:15:00 AM	188100.000	12.207	17.691	27.824	6029.896	7008.196	3.885	4765.574
165.840	1.002	14.778						
11/12/2016 2:20:00 AM	188400.000	12.213	17.691	27.837	6030.424	7008.892	3.886	4766.046
165.826	1.002	14.779						
11/12/2016 2:25:00 AM	188700.000	12.211	17.691	27.832	6033.538	7012.496	3.888	4768.498
165.740	1.002	14.780						
11/12/2016 2:30:00 AM	189000.000	12.212	17.691	27.835	6032.871	7011.681	3.888	4767.943
165.759	1.002	14.780						
11/12/2016 2:35:00 AM	189300.000	12.215	17.692	27.841	6035.428	7014.614	3.889	4769.938
165.688	1.002	14.781						
11/12/2016 2:40:00 AM	189600.000	12.211	17.692	27.832	6035.462	7014.597	3.889	4769.927
165.687	1.002	14.781						
11/12/2016 2:45:00 AM	189900.000	12.216	17.691	27.843	6037.611	7017.190	3.891	4771.690
165.628	1.002	14.781						
11/12/2016 2:50:00 AM	190200.000	12.209	17.692	27.828	6037.607	7017.117	3.891	4771.640
165.629	1.002	14.782						
11/12/2016 2:55:00 AM	190500.000	12.210	17.691	27.831	6039.466	7019.386	3.892	4773.183
165.578	1.002	14.782						
11/12/2016 3:00:00 AM	190800.000	12.215	17.691	27.841	6039.580	7019.478	3.892	4773.245
165.574	1.002	14.783						
11/12/2016 3:05:00 AM	191100.000	12.210	17.691	27.831	6040.806	7020.904	3.893	4774.215
165.541	1.002	14.782						
11/12/2016 3:10:00 AM	191400.000	12.211	17.691	27.833	6041.680	7021.974	3.894	4774.942
165.517	1.002	14.781						
11/12/2016 3:15:00 AM	191700.000	12.219	17.691	27.852	6042.201	7022.553	3.894	4775.336
165.503	1.002	14.780						
11/12/2016 3:20:00 AM	192000.000	12.219	17.691	27.851	6042.144	7022.431	3.894	4775.254
165.504	1.002	14.782						
11/12/2016 3:25:00 AM	192300.000	12.216	17.692	27.845	6044.008	7024.571	3.895	4776.708
165.453	1.002	14.784						
11/12/2016 3:30:00 AM	192600.000	12.210	17.691	27.831	6045.326	7026.130	3.896	4777.769
165.417	1.002	14.786						
11/12/2016 3:35:00 AM	192900.000	12.219	17.691	27.850	6043.979	7024.579	3.895	4776.713
165.454	1.002	14.783						
11/12/2016 3:40:00 AM	193200.000	12.219	17.691	27.851	6044.770	7025.511	3.896	4777.348
165.432	1.002	14.781						
11/12/2016 3:45:00 AM	193500.000	12.217	17.691	27.846	6045.487	7026.385	3.896	4777.942
165.413	1.002	14.778						
11/12/2016 3:50:00 AM	193800.000	12.221	17.691	27.855	6046.738	7027.798	3.897	4778.903
165.378	1.002	14.780						
11/12/2016 3:55:00 AM	194100.000	12.215	17.691	27.843	6046.928	7028.032	3.897	4779.063
165.373	1.002	14.781						
11/12/2016 4:00:00 AM	194400.000	12.220	17.692	27.853	6048.065	7029.301	3.898	4779.925
165.342	1.002	14.783						
11/12/2016 4:05:00 AM	194700.000	12.222	17.691	27.858	6048.082	7029.346	3.898	4779.956
165.342	1.002	14.783						
11/12/2016 4:10:00 AM	195000.000	12.217	17.691	27.846	6048.357	7029.680	3.898	4780.182
165.334	1.002	14.783						
11/12/2016 4:15:00 AM	195300.000	12.222	17.692	27.859	6050.343	7031.908	3.900	4781.698
165.280	1.002	14.783						
11/12/2016 4:20:00 AM	195600.000	12.218	17.691	27.848	6048.970	7030.420	3.899	4780.687
165.317	1.002	14.783						
11/12/2016 4:25:00 AM	195900.000	12.220	17.692	27.853	6050.038	7031.594	3.899	4781.484
165.288	1.002	14.783						
11/12/2016 4:30:00 AM	196200.000	12.217	17.692	27.846	6050.568	7032.169	3.900	4781.875
165.274	1.002	14.783						
11/12/2016 4:35:00 AM	196500.000	12.222	17.692	27.857	6049.360	7030.766	3.899	4780.921
165.307	1.002	14.783						
11/12/2016 4:40:00 AM	196800.000	12.222	17.692	27.858	6050.439	7032.020	3.900	4781.773
165.277	1.002	14.783						
11/12/2016 4:45:00 AM	197100.000	12.223	17.691	27.859	6051.020	7032.747	3.900	4782.268
165.261	1.002	14.784						
11/12/2016 4:50:00 AM	197400.000	12.221	17.691	27.856	6050.576	7032.258	3.900	4781.936
165.274	1.002	14.782						
11/12/2016 4:55:00 AM	197700.000	12.226	17.692	27.866	6051.514	7033.269	3.900	4782.623
165.248	1.002	14.780						
11/12/2016 5:00:00 AM	198000.000	12.224	17.692	27.862	6051.939	7033.804	3.901	4782.987
165.236	1.002	14.778						
11/12/2016 5:05:00 AM	198300.000	12.226	17.692	27.866	6051.945	7033.741	3.901	4782.944
165.236	1.002	14.780						
11/12/2016 5:10:00 AM	198600.000	12.221	17.691	27.856	6052.111	7034.015	3.901	4783.131
165.232	1.002	14.782						
11/12/2016 5:15:00 AM	198900.000	12.220	17.691	27.853	6051.872	7033.751	3.901	4782.951
165.238	1.002	14.784						
11/12/2016 5:20:00 AM	199200.000	12.221	17.691	27.854	6051.558	7033.372	3.900	4782.693
165.247	1.002	14.782						
11/12/2016 5:25:00 AM	199500.000	12.228	17.692	27.870	6052.083	7033.942	3.901	4783.081
165.232	1.002	14.780						
11/12/2016 5:30:00 AM	199800.000	12.224	17.692	27.863	6052.041	7033.907	3.901	4783.057
165.234	1.002	14.778						
11/12/2016 5:35:00 AM	200100.000	12.231	17.692	27.878	6051.679	7033.501	3.900	4782.781
165.243	1.002	14.777						
11/12/2016 5:40:00 AM	200400.000	12.231	17.691	27.879	6051.208	7032.965	3.900	4782.417
165.256	1.002	14.776						
11/12/2016 5:45:00 AM	200700.000	12.230	17.691	27.875	6050.696	7032.398	3.900	4782.031
165.270	1.002	14.775						
11/12/2016 5:50:00 AM	201000.000	12.231	17.691	27.877	6051.758	7033.633	3.901	4782.871
165.241	1.002	14.781						
11/12/2016 5:55:00 AM	201300.000	12.220	17.692	27.854	6050.348	7031.926	3.900	4781.709
165.280	1.002	14.786						
11/12/2016 6:00:00 AM	201600.000	12.216	17.692	27.843	6051.106	7032.835	3.900	4782.328
165.259	1.002	14.791						
11/12/2016 6:05:00 AM	201900.000	12.219	17.691	27.851	6050.682	7032.382	3.900	4782.020
165.271	1.002	14.789						
11/12/2016 6:10:00 AM	202200.000	12.222	17.692	27.859	6050.924	7032.610	3.900	4782.175
165.264	1.002	14.786						
11/12/2016 6:15:00 AM	202500.000	12.225	17.692	27.865	6050.913	7032.610	3.900	4782.176
165.264	1.002	14.784						
11/12/2016 6:20:00 AM	202800.000	12.226	17.692	27.866	6049.926	7031.449	3.899	4781.386
165.291	1.002	14.785						
11/12/2016 6:25:00 AM	203100.000	12.231	17.692	27.878	6051.000	7032.698	3.900	4782.235
165.262	1.002	14.785						
11/12/2016 6:30:00 AM	203400.000	12.230	17.691	27.875	6049.717	7031.233	3.899	4781.239
165.297	1.002	14.786						
11/12/2016 6:35:00 AM	203700.000	12.227	17.692	27.870	6049.292	7030.699	3.899	4780.875
165.309	1.002	14.787						
11/12/2016 6:40:00 AM	204000.000	12.232	17.691	27.880	6048.588	7029.935	3.898	4780.356
165.328	1.002	14.788						
11/12/2016 6:45:00 AM	204300.000	12.232	17.692	27.880	6048.468	7029.729	3.898	4780.216
165.331	1.002	14.789						

11/12/2016 6:50:00 AM	204600.000	12.227	17.692	27.870	6047.679	7028.838	3.898	4779.611	165.353
11/12/2016 6:55:00 AM	204900.000	12.227	17.692	27.870	6047.976	7029.168	3.898	4779.835	165.345
11/12/2016 7:00:00 AM	205200.000	12.234	17.692	27.885	6048.348	7029.589	3.898	4780.121	165.334
11/12/2016 7:05:00 AM	205500.000	12.234	17.691	27.885	6046.326	7027.306	3.897	4778.568	165.390
11/12/2016 7:10:00 AM	205800.000	12.233	17.691	27.882	6047.142	7028.254	3.897	4779.213	165.367
11/12/2016 7:15:00 AM	206100.000	12.234	17.691	27.885	6046.625	7027.667	3.897	4778.814	165.382
11/12/2016 7:20:00 AM	206400.000	12.228	17.692	27.872	6046.665	7027.659	3.897	4778.808	165.380
11/12/2016 7:25:00 AM	206700.000	12.231	17.691	27.879	6045.898	7026.809	3.897	4778.230	165.401
11/12/2016 7:30:00 AM	207000.000	12.232	17.691	27.880	6044.323	7024.991	3.895	4776.994	165.444
11/12/2016 7:35:00 AM	207300.000	12.231	17.691	27.879	6045.442	7026.278	3.896	4777.869	165.414
11/12/2016 7:40:00 AM	207600.000	12.228	17.692	27.872	6044.915	7025.599	3.896	4777.408	165.428
11/12/2016 7:45:00 AM	207900.000	12.228	17.691	27.870	6045.028	7025.811	3.896	4777.552	165.425
11/12/2016 7:50:00 AM	208200.000	12.235	17.692	27.886	6044.164	7024.738	3.895	4776.823	165.449
11/12/2016 7:55:00 AM	208500.000	12.235	17.691	27.888	6043.172	7023.640	3.895	4776.075	165.476
11/12/2016 8:00:00 AM	208800.000	12.240	17.691	27.899	6043.428	7023.923	3.895	4776.269	165.469
11/12/2016 8:05:00 AM	209100.000	12.237	17.692	27.892	6043.620	7024.121	3.895	4776.402	165.464
11/12/2016 8:10:00 AM	209400.000	12.232	17.691	27.880	6041.910	7022.160	3.894	4775.069	165.511
11/12/2016 8:15:00 AM	209700.000	12.234	17.691	27.886	6042.697	7023.074	3.894	4775.690	165.489
11/12/2016 8:20:00 AM	210000.000	12.233	17.692	27.883	6041.680	7021.824	3.894	4774.840	165.517
11/12/2016 8:25:00 AM	210300.000	12.233	17.691	27.882	6041.036	7021.157	3.893	4774.387	165.535
11/12/2016 8:30:00 AM	210600.000	12.234	17.691	27.884	6041.281	7021.429	3.893	4774.572	165.528
11/12/2016 8:35:00 AM	210900.000	12.234	17.692	27.885	6039.106	7018.860	3.892	4772.825	165.587
11/12/2016 8:40:00 AM	211200.000	12.230	17.692	27.875	6038.147	7017.718	3.891	4772.048	165.614
11/12/2016 8:45:00 AM	211500.000	12.228	17.692	27.871	6039.260	7019.067	3.892	4772.966	165.583
11/12/2016 8:50:00 AM	211800.000	12.236	17.691	27.890	6038.196	7017.843	3.891	4772.133	165.612
11/12/2016 8:55:00 AM	212100.000	12.239	17.691	27.897	6036.965	7016.439	3.890	4771.179	165.646
11/12/2016 9:00:00 AM	212400.000	12.237	17.692	27.892	6036.802	7016.210	3.890	4771.023	165.651
11/12/2016 9:05:00 AM	212700.000	12.240	17.691	27.899	6036.920	7016.374	3.890	4771.134	165.647
11/12/2016 9:10:00 AM	213000.000	12.234	17.692	27.885	6036.584	7015.875	3.890	4770.796	165.657
11/12/2016 9:15:00 AM	213300.000	12.238	17.692	27.894	6035.996	7015.260	3.890	4770.376	165.673
11/12/2016 9:20:00 AM	213600.000	12.234	17.691	27.886	6034.271	7013.282	3.889	4769.032	165.720
11/12/2016 9:25:00 AM	213900.000	12.235	17.692	27.887	6035.070	7014.183	3.889	4769.645	165.698
11/12/2016 9:30:00 AM	214200.000	12.241	17.692	27.901	6035.010	7014.087	3.889	4769.580	165.700
11/12/2016 9:35:00 AM	214500.000	12.240	17.692	27.899	6032.450	7011.112	3.887	4767.557	165.770
11/12/2016 9:40:00 AM	214800.000	12.240	17.691	27.899	6032.788	7011.584	3.887	4767.877	165.761
11/12/2016 9:45:00 AM	215100.000	12.240	17.691	27.899	6031.856	7010.488	3.887	4767.133	165.786
11/12/2016 9:50:00 AM	215400.000	12.241	17.691	27.900	6030.482	7008.878	3.886	4766.038	165.824
11/12/2016 9:55:00 AM	215700.000	12.240	17.691	27.900	6029.805	7008.091	3.885	4765.502	165.843
11/12/2016 10:00:00 AM	216000.000	12.243	17.691	27.905	6028.126	7006.154	3.884	4764.185	165.889
11/12/2016 10:05:00 AM	216300.000	12.237	17.692	27.891	6028.486	7006.532	3.885	4764.441	165.879
11/12/2016 10:10:00 AM	216600.000	12.236	17.692	27.890	6028.761	7006.865	3.885	4764.668	165.872
11/12/2016 10:15:00 AM	216900.000	12.234	17.692	27.886	6026.923	7004.673	3.883	4763.178	165.922
11/12/2016 10:20:00 AM	217200.000	12.234	17.692	27.886	6027.545	7005.438	3.884	4763.698	165.905
11/12/2016 10:25:00 AM	217500.000	12.234	17.692	27.885	6026.184	7003.855	3.883	4762.622	165.943
11/12/2016 10:30:00 AM	217800.000	12.233	17.691	27.882	6026.957	7004.794	3.883	4763.260	165.921
11/12/2016 10:35:00 AM	218100.000	12.239	17.692	27.896	6024.405	7001.762	3.882	4761.199	165.991
11/12/2016 10:40:00 AM	218400.000	12.243	17.691	27.904	6023.796	7001.162	3.881	4760.791	166.008
11/12/2016 10:45:00 AM	218700.000	12.243	17.691	27.906	6023.229	7000.461	3.881	4760.314	166.024
11/12/2016 10:50:00 AM	219000.000	12.243	17.691	27.905	6021.347	6998.260	3.880	4758.817	166.076
11/12/2016 10:55:00 AM	219300.000	12.237	17.692	27.892	6020.726	6997.458	3.879	4758.271	166.093
11/12/2016 11:00:00 AM	219600.000	12.241	17.692	27.902	6021.065	6997.880	3.879	4758.559	166.084
11/12/2016 11:05:00 AM	219900.000	12.240	17.692	27.900	6020.010	6996.680	3.879	4757.743	166.113
11/12/2016 11:10:00 AM	220200.000	12.241	17.692	27.902	6018.773	6995.243	3.878	4756.765	166.147
11/12/2016 11:15:00 AM	220500.000	12.238	17.691	27.894	6018.265	6994.719	3.878	4756.409	166.161
11/12/2016 11:20:00 AM	220800.000	12.236	17.691	27.889	6017.593	6993.937	3.877	4755.877	166.179
11/12/2016 11:25:00 AM	221100.000	12.241	17.691	27.900	6016.460	6992.635	3.876	4754.993	166.211
11/12/2016 11:30:00 AM	221400.000	12.242	17.691	27.903	6015.952	6991.989	3.876	4754.553	166.225
11/12/2016 11:35:00 AM	221700.000	12.242	17.692	27.903	6014.925	6990.755	3.875	4753.714	166.253
11/12/2016 11:40:00 AM	222000.000	12.243	17.692	27.905	6014.141	6989.859	3.875	4753.104	166.275
11/12/2016 11:45:00 AM	222300.000	12.243	17.692	27.905	6014.744	6990.505	3.875	4753.544	166.258
11/12/2016 11:50:00 AM	222600.000	12.244	17.692	27.907	6012.975	6988.462	3.874	4752.154	166.307
11/12/2016 11:55:00 AM	222900.000	12.242	17.692	27.903	6012.937	6988.445	3.874	4752.144	166.308
11/12/2016 12:00:00 PM	223200.000	12.242	17.691	27.904	6012.783	6988.307	3.874	4752.048	166.312
11/12/2016 12:05:00 PM	223500.000	12.239	17.691	27.896	6011.674	6987.059	3.873	4751.200	166.343
11/12/2016 12:10:00 PM	223800.000	12.238	17.691	27.894	6009.919	6984.993	3.872	4749.795	166.392
11/12/2016 12:15:00 PM	224100.000	12.244	17.692	27.907	6010.180	6985.200	3.872	4749.936	166.384
11/12/2016 12:20:00 PM	224400.000	12.244	17.692	27.909	6010.059	6985.129	3.872	4749.888	

166.388	1.002	14.775						
11/12/2016 12:25:00 PM	224700.000	12.245	17.692	27.911	6009.759	6984.766	3.872	4749.641
166.396	1.002	14.774						
11/12/2016 12:30:00 PM	225000.000	12.247	17.691	27.914	6009.900	6984.971	3.872	4749.781
166.392	1.002	14.772						
11/12/2016 12:35:00 PM	225300.000	12.247	17.692	27.916	6009.127	6984.006	3.871	4749.124
166.414	1.002	14.773						
11/12/2016 12:40:00 PM	225600.000	12.245	17.691	27.909	6008.529	6983.376	3.871	4748.696
166.430	1.002	14.773						
11/12/2016 12:45:00 PM	225900.000	12.245	17.691	27.909	6008.517	6983.388	3.871	4748.705
166.430	1.002	14.774						
11/12/2016 12:50:00 PM	226200.000	12.240	17.692	27.900	6008.498	6983.300	3.871	4748.645
166.431	1.002	14.773						
11/12/2016 12:55:00 PM	226500.000	12.241	17.691	27.900	6007.180	6981.809	3.870	4747.630
166.467	1.002	14.772						
11/12/2016 1:00:00 PM	226800.000	12.242	17.691	27.902	6008.930	6983.842	3.871	4749.013
166.419	1.002	14.771						
11/12/2016 1:05:00 PM	227100.000	12.246	17.692	27.913	6006.740	6981.175	3.869	4747.200
166.480	1.002	14.772						
11/12/2016 1:10:00 PM	227400.000	12.241	17.691	27.901	6008.095	6982.913	3.871	4748.381
166.442	1.002	14.773						
11/12/2016 1:15:00 PM	227700.000	12.240	17.692	27.900	6007.449	6982.081	3.870	4747.815
166.460	1.002	14.774						
11/12/2016 1:20:00 PM	228000.000	12.243	17.692	27.907	6006.272	6980.727	3.869	4746.895
166.493	1.002	14.771						
11/12/2016 1:25:00 PM	228300.000	12.250	17.691	27.921	6006.285	6980.835	3.869	4746.968
166.492	1.002	14.767						
11/12/2016 1:30:00 PM	228600.000	12.252	17.691	27.926	6006.208	6980.720	3.869	4746.890
166.494	1.002	14.764						
11/12/2016 1:35:00 PM	228900.000	12.252	17.691	27.926	6005.413	6979.741	3.869	4746.225
166.516	1.002	14.766						
11/12/2016 1:40:00 PM	229200.000	12.249	17.691	27.919	6006.907	6981.518	3.870	4747.432
166.475	1.002	14.768						
11/12/2016 1:45:00 PM	229500.000	12.243	17.692	27.906	6005.227	6979.457	3.868	4746.031
166.522	1.002	14.770						
11/12/2016 1:50:00 PM	229800.000	12.241	17.692	27.902	6006.244	6980.639	3.869	4746.835
166.493	1.002	14.773						
11/12/2016 1:55:00 PM	230100.000	12.239	17.692	27.896	6005.285	6979.552	3.869	4746.096
166.520	1.002	14.776						
11/12/2016 2:00:00 PM	230400.000	12.241	17.691	27.901	6004.585	6978.860	3.868	4745.625
166.539	1.002	14.779						
11/12/2016 2:05:00 PM	230700.000	12.243	17.692	27.906	6005.281	6979.536	3.869	4746.084
166.520	1.002	14.777						
11/12/2016 2:10:00 PM	231000.000	12.248	17.691	27.916	6005.510	6979.962	3.869	4746.375
166.514	1.002	14.775						
11/12/2016 2:15:00 PM	231300.000	12.245	17.691	27.910	6005.664	6980.060	3.869	4746.441
166.509	1.002	14.772						
11/12/2016 2:20:00 PM	231600.000	12.246	17.691	27.912	6005.705	6980.136	3.869	4746.492
166.508	1.002	14.772						
11/12/2016 2:25:00 PM	231900.000	12.248	17.692	27.916	6005.550	6979.889	3.869	4746.325
166.513	1.002	14.773						
11/12/2016 2:30:00 PM	232200.000	12.249	17.692	27.919	6006.372	6980.814	3.869	4746.955
166.490	1.002	14.773						
11/12/2016 2:35:00 PM	232500.000	12.249	17.691	27.920	6005.685	6980.057	3.869	4746.439
166.509	1.002	14.772						
11/12/2016 2:40:00 PM	232800.000	12.246	17.692	27.911	6005.163	6979.438	3.868	4746.019
166.523	1.002	14.771						
11/12/2016 2:45:00 PM	233100.000	12.246	17.692	27.912	6006.372	6980.803	3.869	4746.946
166.490	1.002	14.770						
11/12/2016 2:50:00 PM	233400.000	12.250	17.692	27.922	6005.642	6979.995	3.869	4746.397
166.510	1.002	14.772						
11/12/2016 2:55:00 PM	233700.000	12.249	17.691	27.918	6007.275	6981.932	3.870	4747.714
166.465	1.002	14.773						
11/12/2016 3:00:00 PM	234000.000	12.243	17.691	27.907	6006.796	6981.348	3.870	4747.317
166.478	1.002	14.775						
11/12/2016 3:05:00 PM	234300.000	12.248	17.691	27.916	6006.132	6980.591	3.869	4746.802
166.497	1.002	14.775						
11/12/2016 3:10:00 PM	234600.000	12.246	17.692	27.913	6007.011	6981.586	3.870	4747.479
166.472	1.002	14.775						
11/12/2016 3:15:00 PM	234900.000	12.241	17.691	27.902	6007.507	6982.202	3.870	4747.897
166.458	1.002	14.775						
11/12/2016 3:20:00 PM	235200.000	12.247	17.692	27.914	6006.838	6981.371	3.870	4747.333
166.477	1.002	14.774						
11/12/2016 3:25:00 PM	235500.000	12.247	17.691	27.916	6007.557	6982.260	3.870	4747.937
166.457	1.002	14.773						
11/12/2016 3:30:00 PM	235800.000	12.248	17.691	27.916	6006.816	6981.480	3.870	4747.407
166.478	1.002	14.773						
11/12/2016 3:35:00 PM	236100.000	12.250	17.691	27.920	6007.776	6982.555	3.870	4748.138
166.451	1.002	14.772						
11/12/2016 3:40:00 PM	236400.000	12.246	17.692	27.913	6008.582	6983.372	3.871	4748.693
166.429	1.002	14.772						
11/12/2016 3:45:00 PM	236700.000	12.246	17.691	27.913	6008.821	6983.729	3.871	4748.936
166.422	1.002	14.771						
11/12/2016 3:50:00 PM	237000.000	12.251	17.691	27.924	6010.596	6985.792	3.872	4750.338
166.373	1.002	14.770						
11/12/2016 3:55:00 PM	237300.000	12.247	17.691	27.916	6011.367	6986.728	3.873	4750.975
166.352	1.002	14.768						
11/12/2016 4:00:00 PM	237600.000	12.249	17.691	27.919	6011.455	6986.803	3.873	4751.026
166.349	1.002	14.767						
11/12/2016 4:05:00 PM	237900.000	12.246	17.691	27.912	6011.593	6986.951	3.873	4751.127
166.345	1.002	14.770						
11/12/2016 4:10:00 PM	238200.000	12.248	17.692	27.917	6012.564	6987.985	3.874	4751.830
166.318	1.002	14.773						
11/12/2016 4:15:00 PM	238500.000	12.242	17.691	27.904	6014.446	6990.294	3.875	4753.401
166.266	1.002	14.775						
11/12/2016 4:20:00 PM	238800.000	12.247	17.691	27.915	6014.624	6990.460	3.875	4753.513
166.261	1.002	14.775						
11/12/2016 4:25:00 PM	239100.000	12.244	17.692	27.908	6016.125	6992.151	3.876	4754.663
166.220	1.002	14.774						
11/12/2016 4:30:00 PM	239400.000	12.249	17.691	27.920	6015.198	6991.127	3.875	4753.967
166.246	1.002	14.773						
11/12/2016 4:35:00 PM	239700.000	12.250	17.692	27.921	6016.983	6993.136	3.877	4755.333
166.196	1.002	14.774						
11/12/2016 4:40:00 PM	240000.000	12.251	17.692	27.924	6018.866	6995.364	3.878	4756.848
166.144	1.002	14.774						
11/12/2016 4:45:00 PM	240300.000	12.248	17.692	27.918	6018.703	6995.175	3.878	4756.719
166.149	1.002	14.775						
11/12/2016 4:50:00 PM	240600.000	12.252	17.691	27.925	6019.706	6996.367	3.878	4757.530
166.121	1.002	14.775						
11/12/2016 4:55:00 PM	240900.000	12.247	17.692	27.914	6021.771	6998.711	3.880	4759.125
166.064	1.002	14.776						
11/12/2016 5:00:00 PM	241200.000	12.252	17.691	27.926	6021.731	6998.707	3.880	4759.121
166.065	1.002	14.777						
11/12/2016 5:05:00 PM	241500.000	12.251	17.692	27.924	6022.364	6999.375	3.880	4759.575
166.048	1.002	14.777						
11/12/2016 5:10:00 PM	241800.000	12.247	17.691	27.914	6023.395	7000.681	3.881	4760.463
166.019	1.002	14.778						
11/12/2016 5:15:00 PM	242100.000	12.250	17.691	27.921	6023.670	7000.960	3.881	4760.653
166.012	1.002	14.778						
11/12/2016 5:20:00 PM	242400.000	12.250	17.692	27.923	6026.519	7004.259	3.883	4762.896
165.933	1.002	14.778						
11/12/2016 5:25:00 PM	242700.000	12.246	17.691	27.913	6026.042	7003.730	3.883	4762.537
165.946	1.002	14.778						
11/12/2016 5:30:00 PM	243000.000	12.253	17.692	27.928	6026.778	7004.532	3.883	4763.082
165.926	1.002	14.778						
11/12/2016 5:35:00 PM	243300.000	12.252	17.691	27.926	6026.988	7004.816	3.883	4763.275
165.920	1.002	14.779						
11/12/2016 5:40:00 PM	243600.000	12.244	17.692	27.909	6029.677	7007.930	3.885	4765.392
165.846	1.002	14.781						
11/12/2016 5:45:00 PM	243900.000	12.251	17.691	27.923	6029.360	7007.641	3.885	4765.196
165.855	1.002	14.782						
11/12/2016 5:50:00 PM	244200.000	12.249	17.692	27.919	6030.118	7008.442	3.886	4765.741
165.834	1.002	14.781						

11/12/2016 5:55:00 PM	244500.000	12.248	17.691	27.918	6031.709	7010.317	3.887	4767.017	
165.790	1.002	14.780							
11/12/2016 6:00:00 PM	244800.000	12.255	17.691	27.934	6031.702	7010.309	3.887	4767.011	
165.791	1.002	14.779							
11/12/2016 6:05:00 PM	245100.000	12.253	17.691	27.927	6033.038	7011.861	3.888	4768.066	
165.754	1.002	14.781							
11/12/2016 6:10:00 PM	245400.000	12.252	17.692	27.927	6034.269	7013.252	3.888	4769.012	
165.720	1.002	14.783							
11/12/2016 6:15:00 PM	245700.000	12.252	17.691	27.927	6034.350	7013.386	3.889	4769.103	
165.718	1.002	14.785							
11/12/2016 6:20:00 PM	246000.000	12.254	17.691	27.931	6036.123	7015.515	3.890	4770.550	
165.669	1.002	14.783							
11/12/2016 6:25:00 PM	246300.000	12.253	17.691	27.929	6036.096	7015.538	3.890	4770.565	
165.670	1.002	14.781							
11/12/2016 6:30:00 PM	246600.000	12.253	17.691	27.929	6037.457	7016.983	3.891	4771.549	
165.633	1.002	14.780							
11/12/2016 6:35:00 PM	246900.000	12.248	17.691	27.918	6036.954	7016.413	3.890	4771.162	
165.646	1.002	14.780							
11/12/2016 6:40:00 PM	247200.000	12.251	17.691	27.924	6038.100	7017.758	3.891	4772.076	
165.615	1.002	14.780							
11/12/2016 6:45:00 PM	247500.000	12.252	17.691	27.927	6037.857	7017.449	3.891	4771.866	
165.622	1.002	14.780							
11/12/2016 6:50:00 PM	247800.000	12.252	17.691	27.926	6038.837	7018.588	3.892	4772.640	
165.595	1.002	14.781							
11/12/2016 6:55:00 PM	248100.000	12.250	17.692	27.923	6039.734	7019.590	3.892	4773.322	
165.570	1.002	14.783							
11/12/2016 7:00:00 PM	248400.000	12.246	17.691	27.912	6041.083	7021.267	3.893	4774.462	
165.533	1.002	14.784							
11/12/2016 7:05:00 PM	248700.000	12.247	17.691	27.914	6041.963	7022.249	3.894	4775.129	
165.509	1.002	14.784							
11/12/2016 7:10:00 PM	249000.000	12.252	17.691	27.926	6042.346	7022.721	3.894	4775.451	
165.499	1.002	14.783							
11/12/2016 7:15:00 PM	249300.000	12.251	17.691	27.925	6041.789	7022.086	3.894	4775.019	
165.514	1.002	14.783							
11/12/2016 7:20:00 PM	249600.000	12.247	17.691	27.914	6044.452	7025.182	3.896	4777.124	
165.441	1.002	14.780							
11/12/2016 7:25:00 PM	249900.000	12.252	17.691	27.926	6044.303	7024.981	3.895	4776.988	
165.445	1.002	14.777							
11/12/2016 7:30:00 PM	250200.000	12.249	17.692	27.919	6046.126	7027.019	3.897	4778.373	
165.395	1.002	14.774							
11/12/2016 7:35:00 PM	250500.000	12.254	17.692	27.931	6045.309	7026.069	3.896	4777.727	
165.418	1.002	14.774							
11/12/2016 7:40:00 PM	250800.000	12.249	17.691	27.919	6046.026	7026.943	3.897	4778.322	
165.398	1.002	14.774							
11/12/2016 7:45:00 PM	251100.000	12.253	17.691	27.929	6045.917	7026.857	3.897	4778.264	
165.401	1.002	14.774							
11/12/2016 7:50:00 PM	251400.000	12.251	17.691	27.924	6047.538	7028.714	3.898	4779.526	
165.357	1.002	14.775							
11/12/2016 7:55:00 PM	251700.000	12.252	17.691	27.927	6047.258	7028.389	3.897	4779.305	
165.364	1.002	14.776							
11/12/2016 8:00:00 PM	252000.000	12.252	17.691	27.927	6047.611	7028.826	3.898	4779.602	
165.355	1.002	14.777							
11/12/2016 8:05:00 PM	252300.000	12.256	17.692	27.936	6049.204	7030.625	3.899	4780.825	
165.311	1.002	14.776							
11/12/2016 8:10:00 PM	252600.000	12.257	17.691	27.938	6048.461	7029.814	3.898	4780.273	
165.331	1.002	14.775							
11/12/2016 8:15:00 PM	252900.000	12.258	17.691	27.941	6049.338	7030.807	3.899	4780.949	
165.307	1.002	14.774							
11/12/2016 8:20:00 PM	253200.000	12.259	17.692	27.942	6051.148	7032.829	3.900	4782.324	
165.258	1.002	14.777							
11/12/2016 8:25:00 PM	253500.000	12.252	17.691	27.925	6051.494	7033.366	3.900	4782.689	
165.248	1.002	14.779							
11/12/2016 8:30:00 PM	253800.000	12.253	17.691	27.927	6051.299	7033.072	3.900	4782.489	
165.254	1.002	14.782							
11/12/2016 8:35:00 PM	254100.000	12.253	17.692	27.929	6052.354	7034.271	3.901	4783.305	
165.225	1.002	14.782							
11/12/2016 8:40:00 PM	254400.000	12.255	17.691	27.932	6052.908	7034.956	3.901	4783.770	
165.210	1.002	14.782							
11/12/2016 8:45:00 PM	254700.000	12.256	17.691	27.936	6052.055	7034.018	3.901	4783.132	
165.233	1.002	14.782							
11/12/2016 8:50:00 PM	255000.000	12.258	17.691	27.941	6053.970	7036.217	3.902	4784.627	
165.181	1.002	14.783							
11/12/2016 8:55:00 PM	255300.000	12.256	17.692	27.934	6054.706	7037.004	3.903	4785.164	
165.161	1.002	14.783							
11/12/2016 9:00:00 PM	255600.000	12.260	17.691	27.944	6053.486	7035.669	3.902	4784.255	
165.194	1.002	14.783							
11/12/2016 9:05:00 PM	255900.000	12.260	17.691	27.944	6054.121	7036.351	3.902	4784.719	
165.177	1.002	14.783							
11/12/2016 9:10:00 PM	256200.000	12.260	17.691	27.943	6056.273	7038.893	3.904	4786.448	
165.118	1.002	14.783							
11/12/2016 9:15:00 PM	256500.000	12.256	17.691	27.935	6055.878	7038.462	3.903	4786.155	
165.129	1.002	14.783							
11/12/2016 9:20:00 PM	256800.000	12.258	17.691	27.941	6056.176	7038.754	3.904	4786.353	
165.121	1.002	14.783							
11/12/2016 9:25:00 PM	257100.000	12.258	17.692	27.939	6056.794	7039.432	3.904	4786.814	
165.104	1.002	14.784							
11/12/2016 9:30:00 PM	257400.000	12.257	17.692	27.938	6057.936	7040.773	3.905	4787.727	
165.073	1.002	14.784							
11/12/2016 9:35:00 PM	257700.000	12.256	17.691	27.934	6055.791	7038.333	3.903	4786.066	
165.131	1.002	14.786							
11/12/2016 9:40:00 PM	258000.000	12.257	17.691	27.936	6057.760	7040.622	3.905	4787.623	
165.078	1.002	14.788							
11/12/2016 9:45:00 PM	258300.000	12.252	17.691	27.925	6058.141	7041.079	3.905	4787.934	
165.067	1.002	14.790							
11/12/2016 9:50:00 PM	258600.000	12.257	17.691	27.938	6058.031	7040.923	3.905	4787.828	
165.070	1.002	14.789							
11/12/2016 9:55:00 PM	258900.000	12.259	17.691	27.943	6059.272	7042.379	3.906	4788.818	
165.036	1.002	14.789							
11/12/2016 10:00:00 PM	259200.000	12.257	17.692	27.939	6059.369	7042.398	3.906	4788.831	
165.034	1.002	14.788							
11/12/2016 10:05:00 PM	259500.000	12.260	17.691	27.945	6059.310	7042.438	3.906	4788.858	
165.035	1.002	14.791							
11/12/2016 10:10:00 PM	259800.000	12.256	17.691	27.935	6059.573	7042.715	3.906	4789.047	
165.028	1.002	14.794							
11/12/2016 10:15:00 PM	260100.000	12.249	17.691	27.920	6060.742	7044.144	3.907	4790.018	
164.996	1.002	14.797							
11/12/2016 10:20:00 PM	260400.000	12.256	17.691	27.936	6059.994	7043.191	3.906	4789.371	
165.017	1.002	14.797							
11/12/2016 10:25:00 PM	260700.000	12.256	17.691	27.934	6060.168	7043.394	3.906	4789.508	
165.012	1.002	14.797							
11/12/2016 10:30:00 PM	261000.000	12.258	17.692	27.939	6060.959	7044.273	3.907	4790.106	
164.990	1.002	14.797							
11/12/2016 10:35:00 PM	261300.000	12.253	17.691	27.929	6061.250	7044.652	3.907	4790.363	
164.982	1.002	14.797							
11/12/2016 10:40:00 PM	261600.000	12.259	17.691	27.942	6062.268	7045.848	3.908	4791.176	
164.955	1.002	14.797							
11/12/2016 10:45:00 PM	261900.000	12.259	17.692	27.943	6060.787	7044.073	3.907	4789.970	
164.995	1.002	14.798							
11/12/2016 10:50:00 PM	262200.000	12.253	17.691	27.928	6062.517	7046.219	3.908	4791.430	
164.948	1.002	14.799							
11/12/2016 10:55:00 PM	262500.000	12.256	17.691	27.936	6061.457	7044.904	3.907	4790.536	
164.977	1.002	14.800							
11/12/2016 11:00:00 PM	262800.000	12.251	17.691	27.924	6062.341	7045.960	3.908	4791.253	
164.953	1.002	14.801							
11/12/2016 11:05:00 PM	263100.000	12.254	17.691	27.930	6063.547	7047.307	3.909	4792.168	
164.920	1.002	14.798							
11/12/2016 11:10:00 PM	263400.000	12.260	17.691	27.945	6064.540	7048.460	3.909	4792.954	
164.893	1.002	14.795							
11/12/2016 11:15:00 PM	263700.000	12.264	17.691	27.953	6063.597	7047.406	3.909	4792.236	
164.919	1.002	14.793							
11/12/2016 11:20:00 PM	264000.000	12.261	17.692	27.947	6063.198	7046.860	3.908	4791.865	
164.929	1.002	14.793							
11/12/2016 11:25:00 PM	264300.000	12.256	17.691	27.936	6063.935	7047.798	3.909	4792.503	

164.909	1.002	14.794						
11/12/2016 11:30:00 PM	264600.000	12.255	17.691	27.933	6062.874	7046.524	3.908	4791.637
164.938	1.002	14.795						
11/12/2016 11:35:00 PM	264900.000	12.254	17.691	27.932	6064.791	7048.780	3.910	4793.170
164.886	1.002	14.797						
11/12/2016 11:40:00 PM	265200.000	12.257	17.691	27.938	6063.913	7047.814	3.909	4792.514
164.910	1.002	14.799						
11/12/2016 11:45:00 PM	265500.000	12.249	17.691	27.920	6064.719	7048.684	3.909	4793.105
164.888	1.002	14.801						
11/12/2016 11:50:00 PM	265800.000	12.258	17.691	27.939	6063.682	7047.478	3.909	4792.285
164.916	1.002	14.798						
11/12/2016 11:55:00 PM	266100.000	12.259	17.691	27.942	6064.939	7048.925	3.910	4793.269
164.882	1.002	14.795						
11/13/2016 12:00:00 AM	266400.000	12.263	17.691	27.952	6064.803	7048.793	3.910	4793.180
164.886	1.002	14.792						
11/13/2016 12:05:00 AM	266700.000	12.261	17.691	27.947	6064.160	7048.060	3.909	4792.681
164.903	1.002	14.793						
11/13/2016 12:10:00 AM	267000.000	12.260	17.691	27.944	6064.700	7048.661	3.909	4793.089
164.889	1.002	14.794						
11/13/2016 12:15:00 AM	267300.000	12.260	17.691	27.945	6064.798	7048.788	3.910	4793.176
164.886	1.002	14.794						
11/13/2016 12:20:00 AM	267600.000	12.260	17.691	27.944	6065.313	7049.374	3.910	4793.574
164.872	1.002	14.794						
11/13/2016 12:25:00 AM	267900.000	12.260	17.691	27.944	6064.438	7048.370	3.909	4792.892
164.896	1.002	14.793						
11/13/2016 12:30:00 AM	268200.000	12.259	17.691	27.942	6065.369	7049.452	3.910	4793.627
164.870	1.002	14.793						
11/13/2016 12:35:00 AM	268500.000	12.259	17.692	27.942	6067.193	7051.491	3.911	4795.014
164.821	1.002	14.793						
11/13/2016 12:40:00 AM	268800.000	12.254	17.691	27.930	6066.193	7050.422	3.911	4794.287
164.848	1.002	14.794						
11/13/2016 12:45:00 AM	269100.000	12.259	17.691	27.942	6066.318	7050.542	3.911	4794.368
164.845	1.002	14.795						
11/13/2016 12:50:00 AM	269400.000	12.261	17.692	27.946	6066.501	7050.699	3.911	4794.476
164.840	1.002	14.794						
11/13/2016 12:55:00 AM	269700.000	12.262	17.692	27.950	6065.791	7049.902	3.910	4793.934
164.859	1.002	14.793						
11/13/2016 1:00:00 AM	270000.000	12.257	17.691	27.937	6066.887	7051.313	3.911	4794.893
164.829	1.002	14.792						
11/13/2016 1:05:00 AM	270300.000	12.259	17.691	27.941	6066.965	7051.307	3.911	4794.889
164.827	1.002	14.792						
11/13/2016 1:10:00 AM	270600.000	12.262	17.691	27.949	6067.436	7051.936	3.911	4795.317
164.814	1.002	14.792						
11/13/2016 1:15:00 AM	270900.000	12.263	17.692	27.951	6068.511	7052.995	3.912	4796.037
164.785	1.002	14.792						
11/13/2016 1:20:00 AM	271200.000	12.261	17.691	27.948	6067.261	7051.706	3.911	4795.160
164.819	1.002	14.793						
11/13/2016 1:25:00 AM	271500.000	12.258	17.692	27.939	6066.663	7050.887	3.911	4794.604
164.835	1.002	14.794						
11/13/2016 1:30:00 AM	271800.000	12.258	17.691	27.941	6068.787	7053.424	3.912	4796.329
164.778	1.002	14.795						
11/13/2016 1:35:00 AM	272100.000	12.262	17.692	27.949	6069.201	7053.826	3.913	4796.602
164.766	1.002	14.796						
11/13/2016 1:40:00 AM	272400.000	12.259	17.691	27.941	6069.439	7054.195	3.913	4796.853
164.760	1.002	14.798						
11/13/2016 1:45:00 AM	272700.000	12.254	17.691	27.931	6067.423	7051.868	3.911	4795.271
164.815	1.002	14.799						
11/13/2016 1:50:00 AM	273000.000	12.258	17.691	27.941	6069.267	7053.968	3.913	4796.699
164.765	1.002	14.799						
11/13/2016 1:55:00 AM	273300.000	12.261	17.691	27.946	6069.182	7053.855	3.913	4796.622
164.767	1.002	14.799						
11/13/2016 2:00:00 AM	273600.000	12.261	17.691	27.946	6068.395	7052.997	3.912	4796.038
164.788	1.002	14.799						
11/13/2016 2:05:00 AM	273900.000	12.263	17.691	27.951	6071.514	7056.581	3.914	4798.475
164.704	1.002	14.798						
11/13/2016 2:10:00 AM	274200.000	12.265	17.691	27.957	6068.924	7053.583	3.912	4796.438
164.774	1.002	14.796						
11/13/2016 2:15:00 AM	274500.000	12.267	17.692	27.960	6069.417	7054.118	3.913	4796.801
164.760	1.002	14.794						
11/13/2016 2:20:00 AM	274800.000	12.268	17.692	27.964	6069.200	7053.824	3.913	4796.601
164.766	1.002	14.795						
11/13/2016 2:25:00 AM	275100.000	12.261	17.691	27.947	6070.789	7055.723	3.914	4797.892
164.723	1.002	14.795						
11/13/2016 2:30:00 AM	275400.000	12.267	17.691	27.959	6070.779	7055.809	3.914	4797.950
164.723	1.002	14.796						
11/13/2016 2:35:00 AM	275700.000	12.264	17.691	27.953	6071.346	7056.371	3.914	4798.332
164.708	1.002	14.797						
11/13/2016 2:40:00 AM	276000.000	12.262	17.691	27.949	6071.571	7056.673	3.914	4798.538
164.702	1.002	14.799						
11/13/2016 2:45:00 AM	276300.000	12.261	17.691	27.946	6071.146	7056.138	3.914	4798.174
164.714	1.002	14.801						
11/13/2016 2:50:00 AM	276600.000	12.261	17.691	27.947	6070.155	7055.055	3.913	4797.437
164.740	1.002	14.799						
11/13/2016 2:55:00 AM	276900.000	12.262	17.691	27.948	6071.262	7056.301	3.914	4798.286
164.710	1.002	14.798						
11/13/2016 3:00:00 AM	277200.000	12.262	17.691	27.949	6072.229	7057.453	3.915	4799.068
164.684	1.002	14.796						
11/13/2016 3:05:00 AM	277500.000	12.261	17.691	27.947	6070.568	7055.481	3.914	4797.728
164.729	1.002	14.796						
11/13/2016 3:10:00 AM	277800.000	12.261	17.691	27.947	6070.851	7055.836	3.914	4797.968
164.722	1.002	14.796						
11/13/2016 3:15:00 AM	278100.000	12.262	17.692	27.949	6072.292	7057.459	3.915	4799.072
164.682	1.002	14.796						
11/13/2016 3:20:00 AM	278400.000	12.263	17.692	27.951	6073.243	7058.522	3.915	4799.795
164.657	1.002	14.794						
11/13/2016 3:25:00 AM	278700.000	12.265	17.691	27.956	6073.612	7059.046	3.916	4800.152
164.647	1.002	14.792						
11/13/2016 3:30:00 AM	279000.000	12.264	17.692	27.952	6072.126	7057.266	3.915	4798.941
164.687	1.002	14.790						
11/13/2016 3:35:00 AM	279300.000	12.265	17.691	27.955	6073.268	7058.687	3.915	4799.908
164.656	1.002	14.792						
11/13/2016 3:40:00 AM	279600.000	12.263	17.691	27.950	6073.239	7058.599	3.915	4799.848
164.657	1.002	14.794						
11/13/2016 3:45:00 AM	279900.000	12.258	17.691	27.940	6072.053	7057.207	3.915	4798.901
164.689	1.002	14.795						
11/13/2016 3:50:00 AM	280200.000	12.264	17.692	27.953	6073.214	7058.516	3.915	4799.791
164.657	1.002	14.793						
11/13/2016 3:55:00 AM	280500.000	12.266	17.691	27.959	6072.668	7057.948	3.915	4799.405
164.672	1.002	14.790						
11/13/2016 4:00:00 AM	280800.000	12.267	17.691	27.961	6072.253	7057.453	3.915	4799.068
164.684	1.002	14.788						
11/13/2016 4:05:00 AM	281100.000	12.267	17.691	27.960	6072.978	7058.295	3.915	4799.641
164.664	1.002	14.789						
11/13/2016 4:10:00 AM	281400.000	12.268	17.691	27.962	6074.073	7059.554	3.916	4800.498
164.634	1.002	14.790						
11/13/2016 4:15:00 AM	281700.000	12.261	17.691	27.947	6073.224	7058.568	3.915	4799.827
164.657	1.002	14.791						
11/13/2016 4:20:00 AM	282000.000	12.265	17.691	27.956	6073.729	7059.197	3.916	4800.255
164.643	1.002	14.792						
11/13/2016 4:25:00 AM	282300.000	12.266	17.691	27.958	6073.060	7058.363	3.915	4799.687
164.662	1.002	14.792						
11/13/2016 4:30:00 AM	282600.000	12.261	17.691	27.947	6074.831	7060.477	3.916	4801.124
164.614	1.002	14.793						
11/13/2016 4:35:00 AM	282900.000	12.264	17.691	27.954	6074.235	7059.785	3.916	4800.654
164.630	1.002	14.794						
11/13/2016 4:40:00 AM	283200.000	12.259	17.691	27.943	6073.978	7059.470	3.916	4800.440
164.637	1.002	14.795						
11/13/2016 4:45:00 AM	283500.000	12.259	17.691	27.942	6073.988	7059.442	3.916	4800.421
164.636	1.002	14.796						
11/13/2016 4:50:00 AM	283800.000	12.264	17.691	27.954	6074.525	7060.066	3.916	4800.846
164.622	1.002	14.796						
11/13/2016 4:55:00 AM	284100.000	12.261	17.691	27.947	6075.298	7061.005	3.917	4801.483
164.601	1.002	14.797						

11/13/2016 5:00:00 AM	284400.000	12.266	17.691	27.958	6075.665	7061.390	3.917	4801.746
164.591	1.002	14.797						
11/13/2016 5:05:00 AM	284700.000	12.266	17.692	27.958	6075.061	7060.676	3.917	4801.260
164.607	1.002	14.797						
11/13/2016 5:10:00 AM	285000.000	12.267	17.691	27.960	6075.198	7060.862	3.917	4801.386
164.604	1.002	14.798						
11/13/2016 5:15:00 AM	285300.000	12.267	17.692	27.960	6074.518	7059.976	3.916	4800.784
164.622	1.002	14.798						
11/13/2016 5:20:00 AM	285600.000	12.269	17.692	27.966	6074.938	7060.533	3.917	4801.163
164.611	1.002	14.796						
11/13/2016 5:25:00 AM	285900.000	12.266	17.691	27.958	6075.253	7060.913	3.917	4801.421
164.602	1.002	14.794						
11/13/2016 5:30:00 AM	286200.000	12.269	17.692	27.964	6074.019	7059.465	3.916	4800.437
164.636	1.002	14.792						
11/13/2016 5:35:00 AM	286500.000	12.272	17.691	27.972	6077.861	7063.999	3.919	4803.520
164.532	1.002	14.793						
11/13/2016 5:40:00 AM	286800.000	12.271	17.691	27.970	6074.766	7060.401	3.916	4801.073
164.615	1.002	14.795						
11/13/2016 5:45:00 AM	287100.000	12.266	17.691	27.958	6074.836	7060.442	3.916	4801.101
164.613	1.002	14.796						
11/13/2016 5:50:00 AM	287400.000	12.269	17.692	27.964	6077.001	7062.931	3.918	4802.793
164.555	1.002	14.798						
11/13/2016 5:55:00 AM	287700.000	12.267	17.691	27.960	6075.583	7061.309	3.917	4801.690
164.593	1.002	14.799						
11/13/2016 6:00:00 AM	288000.000	12.262	17.692	27.948	6076.192	7061.992	3.917	4802.154
164.577	1.002	14.801						
11/13/2016 6:05:00 AM	288300.000	12.268	17.692	27.963	6075.662	7061.375	3.917	4801.735
164.591	1.002	14.801						
11/13/2016 6:10:00 AM	288600.000	12.270	17.691	27.967	6076.721	7062.659	3.918	4802.608
164.562	1.002	14.800						
11/13/2016 6:15:00 AM	288900.000	12.270	17.691	27.966	6076.692	7062.612	3.918	4802.577
164.563	1.002	14.800						
11/13/2016 6:20:00 AM	289200.000	12.271	17.691	27.970	6075.853	7061.624	3.917	4801.905
164.586	1.002	14.801						
11/13/2016 6:25:00 AM	289500.000	12.263	17.692	27.952	6077.433	7063.433	3.918	4803.135
164.543	1.002	14.802						
11/13/2016 6:30:00 AM	289800.000	12.262	17.691	27.949	6076.484	7062.411	3.918	4802.439
164.569	1.002	14.803						
11/13/2016 6:35:00 AM	290100.000	12.267	17.691	27.960	6076.341	7062.176	3.917	4802.280
164.573	1.002	14.804						
11/13/2016 6:40:00 AM	290400.000	12.266	17.691	27.959	6075.194	7060.871	3.917	4801.393
164.604	1.002	14.804						
11/13/2016 6:45:00 AM	290700.000	12.267	17.692	27.961	6076.051	7061.813	3.917	4802.033
164.581	1.002	14.805						
11/13/2016 6:50:00 AM	291000.000	12.263	17.691	27.951	6075.473	7061.182	3.917	4801.604
164.596	1.002	14.807						
11/13/2016 6:55:00 AM	291300.000	12.264	17.691	27.954	6074.977	7060.631	3.917	4801.230
164.610	1.002	14.808						
11/13/2016 7:00:00 AM	291600.000	12.266	17.692	27.958	6076.131	7061.920	3.917	4802.106
164.578	1.002	14.810						
11/13/2016 7:05:00 AM	291900.000	12.268	17.692	27.962	6076.012	7061.753	3.917	4801.992
164.582	1.002	14.809						
11/13/2016 7:10:00 AM	292200.000	12.266	17.691	27.957	6075.332	7061.018	3.917	4801.492
164.600	1.002	14.808						
11/13/2016 7:15:00 AM	292500.000	12.266	17.691	27.957	6075.720	7061.455	3.917	4801.789
164.590	1.002	14.807						
11/13/2016 7:20:00 AM	292800.000	12.268	17.691	27.963	6075.806	7061.555	3.917	4801.857
164.587	1.002	14.811						
11/13/2016 7:25:00 AM	293100.000	12.266	17.691	27.959	6077.049	7063.040	3.918	4802.867
164.554	1.002	14.815						
11/13/2016 7:30:00 AM	293400.000	12.257	17.691	27.938	6075.841	7061.596	3.917	4801.886
164.586	1.002	14.818						
11/13/2016 7:35:00 AM	293700.000	12.259	17.692	27.943	6076.899	7062.798	3.918	4802.704
164.558	1.002	14.816						
11/13/2016 7:40:00 AM	294000.000	12.262	17.692	27.949	6076.730	7062.602	3.918	4802.569
164.562	1.002	14.814						
11/13/2016 7:45:00 AM	294300.000	12.269	17.691	27.966	6077.841	7063.961	3.919	4803.494
164.532	1.002	14.813						
11/13/2016 7:50:00 AM	294600.000	12.271	17.692	27.969	6077.364	7063.313	3.918	4803.053
164.545	1.002	14.812						
11/13/2016 7:55:00 AM	294900.000	12.270	17.691	27.968	6076.186	7062.010	3.917	4802.167
164.577	1.002	14.812						
11/13/2016 8:00:00 AM	295200.000	12.273	17.691	27.974	6078.793	7065.054	3.919	4804.237
164.506	1.002	14.811						
11/13/2016 8:05:00 AM	295500.000	12.270	17.692	27.966	6076.270	7062.067	3.917	4802.206
164.575	1.002	14.814						
11/13/2016 8:10:00 AM	295800.000	12.267	17.692	27.961	6076.865	7062.744	3.918	4802.666
164.559	1.002	14.817						
11/13/2016 8:15:00 AM	296100.000	12.260	17.691	27.944	6076.729	7062.709	3.918	4802.643
164.562	1.002	14.820						
11/13/2016 8:20:00 AM	296400.000	12.263	17.692	27.952	6078.595	7064.770	3.919	4804.044
164.512	1.002	14.817						
11/13/2016 8:25:00 AM	296700.000	12.272	17.691	27.971	6078.831	7065.070	3.919	4804.249
164.505	1.002	14.814						
11/13/2016 8:30:00 AM	297000.000	12.274	17.691	27.977	6076.728	7062.682	3.918	4802.624
164.562	1.002	14.811						
11/13/2016 8:35:00 AM	297300.000	12.268	17.691	27.963	6079.077	7065.413	3.919	4804.480
164.499	1.002	14.813						
11/13/2016 8:40:00 AM	297600.000	12.270	17.691	27.967	6077.004	7063.003	3.918	4802.843
164.555	1.002	14.816						
11/13/2016 8:45:00 AM	297900.000	12.269	17.691	27.965	6078.301	7064.454	3.919	4803.829
164.520	1.002	14.818						
11/13/2016 8:50:00 AM	298200.000	12.269	17.691	27.966	6078.803	7065.065	3.919	4804.245
164.506	1.002	14.817						
11/13/2016 8:55:00 AM	298500.000	12.265	17.691	27.956	6077.485	7063.521	3.918	4803.194
164.542	1.002	14.817						
11/13/2016 9:00:00 AM	298800.000	12.271	17.692	27.969	6077.303	7063.282	3.918	4803.032
164.547	1.002	14.816						
11/13/2016 9:05:00 AM	299100.000	12.265	17.691	27.957	6077.176	7063.203	3.918	4802.978
164.550	1.002	14.815						
11/13/2016 9:10:00 AM	299400.000	12.265	17.691	27.956	6078.354	7064.543	3.919	4803.890
164.518	1.002	14.814						
11/13/2016 9:15:00 AM	299700.000	12.266	17.692	27.959	6078.152	7064.270	3.919	4803.703
164.524	1.002	14.813						
11/13/2016 9:20:00 AM	300000.000	12.269	17.691	27.965	6078.044	7064.183	3.919	4803.645
164.527	1.002	14.813						
11/13/2016 9:25:00 AM	300300.000	12.266	17.691	27.958	6078.546	7064.780	3.919	4804.051
164.513	1.002	14.813						
11/13/2016 9:30:00 AM	300600.000	12.267	17.691	27.960	6077.186	7063.214	3.918	4802.986
164.550	1.002	14.813						
11/13/2016 9:35:00 AM	300900.000	12.271	17.691	27.970	6079.283	7065.610	3.920	4804.615
164.493	1.002	14.813						
11/13/2016 9:40:00 AM	301200.000	12.270	17.691	27.968	6077.526	7063.650	3.918	4803.282
164.541	1.002	14.814						
11/13/2016 9:45:00 AM	301500.000	12.267	17.691	27.959	6076.903	7062.844	3.918	4802.734
164.558	1.002	14.815						
11/13/2016 9:50:00 AM	301800.000	12.269	17.692	27.965	6076.008	7061.763	3.917	4801.999
164.582	1.002	14.818						
11/13/2016 9:55:00 AM	302100.000	12.270	17.691	27.968	6077.573	7063.608	3.918	4803.253
164.539	1.002	14.821						
11/13/2016 10:00:00 AM	302400.000	12.265	17.691	27.955	6075.797	7061.558	3.917	4801.859
164.587	1.002	14.824						
11/13/2016 10:05:00 AM	302700.000	12.263	17.692	27.951	6078.654	7064.853	3.919	4804.101
164.510	1.002	14.819						
11/13/2016 10:10:00 AM	303000.000	12.272	17.691	27.972	6076.032	7061.817	3.917	4802.036
164.581	1.002	14.815						
11/13/2016 10:15:00 AM	303300.000	12.276	17.692	27.982	6076.290	7062.076	3.917	4802.212
164.574	1.002	14.810						
11/13/2016 10:20:00 AM	303600.000	12.275	17.691	27.978	6076.846	7062.778	3.918	4802.689
164.559	1.002	14.812						
11/13/2016 10:25:00 AM	303900.000	12.271	17.691	27.968	6078.313	7064.495	3.919	4803.857
164.519	1.002	14.814						
11/13/2016 10:30:00 AM	304200.000	12.268	17.691	27.963	6078.505	7064.759	3.919	4804.036

164.514	1.002	14.816						
11/13/2016 10:35:00 AM	304500.000	12.274	17.692	27.977	6076.705	7062.587	3.918	4802.560
164.563	1.002	14.817						
11/13/2016 10:40:00 AM	304800.000	12.268	17.691	27.963	6077.510	7063.563	3.918	4803.223
164.541	1.002	14.817						
11/13/2016 10:45:00 AM	305100.000	12.273	17.691	27.974	6079.015	7065.284	3.919	4804.393
164.500	1.002	14.817						
11/13/2016 10:50:00 AM	305400.000	12.275	17.691	27.978	6078.256	7064.443	3.919	4803.822
164.521	1.002	14.815						
11/13/2016 10:55:00 AM	305700.000	12.272	17.691	27.971	6076.612	7062.519	3.918	4802.513
164.565	1.002	14.814						
11/13/2016 11:00:00 AM	306000.000	12.274	17.691	27.975	6080.410	7066.961	3.920	4805.534
164.463	1.002	14.812						
11/13/2016 11:05:00 AM	306300.000	12.270	17.691	27.967	6079.091	7065.429	3.919	4804.492
164.498	1.002	14.813						
11/13/2016 11:10:00 AM	306600.000	12.270	17.691	27.967	6079.501	7065.877	3.920	4804.797
164.487	1.002	14.815						
11/13/2016 11:15:00 AM	306900.000	12.272	17.691	27.972	6080.208	7066.685	3.920	4805.346
164.468	1.002	14.816						
11/13/2016 11:20:00 AM	307200.000	12.273	17.691	27.974	6079.882	7066.307	3.920	4805.088
164.477	1.002	14.815						
11/13/2016 11:25:00 AM	307500.000	12.272	17.691	27.972	6078.583	7064.878	3.919	4804.117
164.512	1.002	14.813						
11/13/2016 11:30:00 AM	307800.000	12.272	17.692	27.971	6080.447	7066.936	3.920	4805.517
164.462	1.002	14.811						
11/13/2016 11:35:00 AM	308100.000	12.270	17.692	27.967	6078.749	7064.948	3.919	4804.166
164.508	1.002	14.811						
11/13/2016 11:40:00 AM	308400.000	12.276	17.692	27.980	6079.351	7065.634	3.920	4804.631
164.491	1.002	14.810						
11/13/2016 11:45:00 AM	308700.000	12.271	17.691	27.970	6079.354	7065.706	3.920	4804.680
164.491	1.002	14.810						
11/13/2016 11:50:00 AM	309000.000	12.273	17.691	27.974	6078.379	7064.572	3.919	4803.909
164.518	1.002	14.808						
11/13/2016 11:55:00 AM	309300.000	12.274	17.692	27.976	6079.347	7065.644	3.920	4804.638
164.491	1.002	14.806						
11/13/2016 12:00:00 PM	309600.000	12.275	17.691	27.979	6081.264	7067.926	3.921	4806.189
164.439	1.002	14.804						
11/13/2016 12:05:00 PM	309900.000	12.276	17.691	27.982	6080.426	7067.021	3.920	4805.574
164.462	1.002	14.802						
11/13/2016 12:10:00 PM	310200.000	12.276	17.691	27.981	6079.210	7065.511	3.919	4804.548
164.495	1.002	14.800						
11/13/2016 12:15:00 PM	310500.000	12.281	17.691	27.993	6080.160	7066.656	3.920	4805.327
164.469	1.002	14.799						
11/13/2016 12:20:00 PM	310800.000	12.279	17.691	27.988	6079.207	7065.563	3.919	4804.583
164.495	1.002	14.800						
11/13/2016 12:25:00 PM	311100.000	12.278	17.691	27.986	6078.694	7064.952	3.919	4804.167
164.509	1.002	14.802						
11/13/2016 12:30:00 PM	311400.000	12.273	17.691	27.973	6079.273	7065.584	3.920	4804.597
164.493	1.002	14.803						
11/13/2016 12:35:00 PM	311700.000	12.276	17.692	27.980	6078.880	7065.045	3.919	4804.231
164.504	1.002	14.804						
11/13/2016 12:40:00 PM	312000.000	12.275	17.692	27.978	6078.169	7064.220	3.919	4803.669
164.523	1.002	14.805						
11/13/2016 12:45:00 PM	312300.000	12.274	17.692	27.976	6077.964	7064.037	3.919	4803.545
164.529	1.002	14.805						
11/13/2016 12:50:00 PM	312600.000	12.275	17.691	27.980	6078.199	7064.392	3.919	4803.786
164.522	1.002	14.804						
11/13/2016 12:55:00 PM	312900.000	12.271	17.691	27.970	6078.348	7064.577	3.919	4803.913
164.518	1.002	14.803						
11/13/2016 1:00:00 PM	313200.000	12.277	17.691	27.983	6078.000	7064.131	3.919	4803.609
164.528	1.002	14.802						
11/13/2016 1:05:00 PM	313500.000	12.270	17.692	27.967	6080.333	7066.763	3.920	4805.399
164.465	1.002	14.803						
11/13/2016 1:10:00 PM	313800.000	12.274	17.691	27.976	6078.350	7064.608	3.919	4803.934
164.518	1.002	14.804						
11/13/2016 1:15:00 PM	314100.000	12.273	17.691	27.973	6078.554	7064.776	3.919	4804.048
164.513	1.002	14.805						
11/13/2016 1:20:00 PM	314400.000	12.273	17.691	27.974	6079.758	7066.189	3.920	4805.009
164.480	1.002	14.805						
11/13/2016 1:25:00 PM	314700.000	12.273	17.691	27.974	6076.739	7062.694	3.918	4802.632
164.562	1.002	14.804						
11/13/2016 1:30:00 PM	315000.000	12.274	17.691	27.976	6078.457	7064.704	3.919	4804.000
164.515	1.002	14.803						
11/13/2016 1:35:00 PM	315300.000	12.272	17.691	27.972	6079.022	7065.360	3.919	4804.446
164.500	1.002	14.801						
11/13/2016 1:40:00 PM	315600.000	12.278	17.691	27.986	6078.665	7064.934	3.919	4804.155
164.510	1.002	14.799						
11/13/2016 1:45:00 PM	315900.000	12.281	17.691	27.992	6078.378	7064.544	3.919	4803.890
164.518	1.002	14.796						
11/13/2016 1:50:00 PM	316200.000	12.280	17.691	27.990	6078.099	7064.317	3.919	4803.736
164.525	1.002	14.798						
11/13/2016 1:55:00 PM	316500.000	12.276	17.692	27.982	6078.168	7064.274	3.919	4803.707
164.523	1.002	14.799						
11/13/2016 2:00:00 PM	316800.000	12.276	17.692	27.982	6077.649	7063.655	3.918	4803.286
164.537	1.002	14.801						
11/13/2016 2:05:00 PM	317100.000	12.278	17.691	27.986	6077.971	7064.099	3.919	4803.587
164.529	1.002	14.800						
11/13/2016 2:10:00 PM	317400.000	12.274	17.691	27.976	6079.752	7066.197	3.920	4805.014
164.480	1.002	14.798						
11/13/2016 2:15:00 PM	317700.000	12.279	17.691	27.987	6077.631	7063.690	3.918	4803.310
164.538	1.002	14.797						
11/13/2016 2:20:00 PM	318000.000	12.271	17.691	27.970	6078.847	7065.116	3.919	4804.279
164.505	1.002	14.798						
11/13/2016 2:25:00 PM	318300.000	12.275	17.691	27.979	6077.019	7062.979	3.918	4802.826
164.554	1.002	14.799						
11/13/2016 2:30:00 PM	318600.000	12.275	17.691	27.978	6077.849	7063.943	3.919	4803.481
164.532	1.002	14.800						
11/13/2016 2:35:00 PM	318900.000	12.277	17.691	27.983	6079.819	7066.329	3.920	4805.104
164.479	1.002	14.798						
11/13/2016 2:40:00 PM	319200.000	12.278	17.691	27.986	6078.193	7064.411	3.919	4803.800
164.523	1.002	14.797						
11/13/2016 2:45:00 PM	319500.000	12.277	17.691	27.982	6078.711	7064.972	3.919	4804.181
164.509	1.002	14.795						
11/13/2016 2:50:00 PM	319800.000	12.275	17.691	27.978	6079.790	7066.199	3.920	4805.016
164.479	1.002	14.797						
11/13/2016 2:55:00 PM	320100.000	12.276	17.691	27.981	6077.916	7064.021	3.919	4803.535
164.530	1.002	14.800						
11/13/2016 3:00:00 PM	320400.000	12.276	17.691	27.980	6078.414	7064.626	3.919	4803.946
164.517	1.002	14.802						
11/13/2016 3:05:00 PM	320700.000	12.272	17.691	27.972	6077.611	7063.708	3.918	4803.321
164.538	1.002	14.802						
11/13/2016 3:10:00 PM	321000.000	12.277	17.691	27.982	6077.317	7063.367	3.918	4803.090
164.546	1.002	14.802						
11/13/2016 3:15:00 PM	321300.000	12.276	17.691	27.982	6078.250	7064.505	3.919	4803.863
164.521	1.002	14.801						
11/13/2016 3:20:00 PM	321600.000	12.278	17.691	27.985	6076.782	7062.757	3.918	4802.675
164.561	1.002	14.802						
11/13/2016 3:25:00 PM	321900.000	12.276	17.691	27.981	6076.849	7062.781	3.918	4802.691
164.559	1.002	14.802						
11/13/2016 3:30:00 PM	322200.000	12.277	17.691	27.982	6076.072	7061.946	3.917	4802.124
164.580	1.002	14.802						
11/13/2016 3:35:00 PM	322500.000	12.273	17.691	27.973	6077.829	7063.906	3.919	4803.457
164.532	1.002	14.803						
11/13/2016 3:40:00 PM	322800.000	12.272	17.691	27.973	6078.802	7065.064	3.919	4804.244
164.506	1.002	14.804						
11/13/2016 3:45:00 PM	323100.000	12.273	17.691	27.974	6076.377	7062.218	3.918	4802.309
164.572	1.002	14.805						
11/13/2016 3:50:00 PM	323400.000	12.279	17.691	27.988	6076.465	7062.362	3.918	4802.406
164.569	1.002	14.804						
11/13/2016 3:55:00 PM	323700.000	12.275	17.691	27.979	6077.950	7064.087	3.919	4803.579
164.529	1.002	14.802						
11/13/2016 4:00:00 PM	324000.000	12.278	17.691	27.984	6078.102	7064.291	3.919	4803.718
164.525	1.002	14.801						

11/13/2016 4:05:00 PM	324300.000	12.280	17.691	27.991	6079.125	7065.439	3.919	4804.499
164.497	1.002	14.802						
11/13/2016 4:10:00 PM	324600.000	12.281	17.691	27.992	6077.023	7062.983	3.918	4802.829
164.554	1.002	14.802						
11/13/2016 4:15:00 PM	324900.000	12.280	17.691	27.991	6076.653	7062.580	3.918	4802.555
164.564	1.002	14.803						
11/13/2016 4:20:00 PM	325200.000	12.278	17.691	27.985	6077.048	7062.998	3.918	4802.839
164.554	1.002	14.802						
11/13/2016 4:25:00 PM	325500.000	12.279	17.691	27.989	6077.407	7063.456	3.918	4803.150
164.544	1.002	14.801						
11/13/2016 4:30:00 PM	325800.000	12.279	17.691	27.989	6075.290	7061.037	3.917	4801.505
164.601	1.002	14.801						
11/13/2016 4:35:00 PM	326100.000	12.279	17.691	27.988	6076.921	7062.878	3.918	4802.757
164.557	1.002	14.803						
11/13/2016 4:40:00 PM	326400.000	12.272	17.692	27.971	6077.003	7062.934	3.918	4802.795
164.555	1.002	14.805						
11/13/2016 4:45:00 PM	326700.000	12.270	17.692	27.967	6076.581	7062.443	3.918	4802.461
164.566	1.002	14.807						
11/13/2016 4:50:00 PM	327000.000	12.272	17.691	27.971	6077.070	7063.079	3.918	4802.894
164.553	1.002	14.805						
11/13/2016 4:55:00 PM	327300.000	12.278	17.691	27.986	6075.552	7061.315	3.917	4801.694
164.594	1.002	14.803						
11/13/2016 5:00:00 PM	327600.000	12.276	17.691	27.982	6078.544	7064.793	3.919	4804.060
164.513	1.002	14.801						
11/13/2016 5:05:00 PM	327900.000	12.281	17.691	27.992	6076.043	7061.913	3.917	4802.101
164.581	1.002	14.801						
11/13/2016 5:10:00 PM	328200.000	12.281	17.691	27.993	6076.601	7062.493	3.918	4802.496
164.566	1.002	14.802						
11/13/2016 5:15:00 PM	328500.000	12.282	17.691	27.994	6076.783	7062.704	3.918	4802.639
164.561	1.002	14.803						
11/13/2016 5:20:00 PM	328800.000	12.277	17.691	27.982	6077.305	7063.296	3.918	4803.042
164.547	1.002	14.803						
11/13/2016 5:25:00 PM	329100.000	12.282	17.692	27.994	6075.758	7061.472	3.917	4801.802
164.589	1.002	14.802						
11/13/2016 5:30:00 PM	329400.000	12.284	17.691	27.998	6077.470	7063.529	3.918	4803.200
164.542	1.002	14.802						
11/13/2016 5:35:00 PM	329700.000	12.281	17.691	27.993	6076.146	7062.019	3.917	4802.173
164.578	1.002	14.804						
11/13/2016 5:40:00 PM	330000.000	12.275	17.692	27.979	6077.047	7062.985	3.918	4802.830
164.554	1.002	14.806						
11/13/2016 5:45:00 PM	330300.000	12.274	17.691	27.976	6075.659	7061.398	3.917	4801.751
164.591	1.002	14.808						
11/13/2016 5:50:00 PM	330600.000	12.282	17.692	27.995	6075.229	7060.857	3.917	4801.383
164.603	1.002	14.806						
11/13/2016 5:55:00 PM	330900.000	12.283	17.691	27.997	6076.153	7062.040	3.917	4802.188
164.578	1.002	14.803						
11/13/2016 6:00:00 PM	331200.000	12.282	17.691	27.994	6077.328	7063.406	3.918	4803.116
164.546	1.002	14.800						
11/13/2016 6:05:00 PM	331500.000	12.285	17.691	28.000	6076.086	7061.990	3.917	4802.154
164.580	1.002	14.802						
11/13/2016 6:10:00 PM	331800.000	12.282	17.691	27.995	6075.650	7061.401	3.917	4801.752
164.591	1.002	14.804						
11/13/2016 6:15:00 PM	332100.000	12.281	17.691	27.993	6074.597	7060.206	3.916	4800.940
164.620	1.002	14.806						
11/13/2016 6:20:00 PM	332400.000	12.277	17.691	27.983	6076.857	7062.804	3.918	4802.707
164.559	1.002	14.806						
11/13/2016 6:25:00 PM	332700.000	12.279	17.692	27.987	6075.903	7061.626	3.917	4801.907
164.585	1.002	14.805						
11/13/2016 6:30:00 PM	333000.000	12.284	17.691	28.000	6075.556	7061.333	3.917	4801.707
164.594	1.002	14.805						
11/13/2016 6:35:00 PM	333300.000	12.280	17.690	27.989	6074.817	7060.570	3.917	4801.188
164.614	1.002	14.806						
11/13/2016 6:40:00 PM	333600.000	12.278	17.691	27.986	6075.666	7061.406	3.917	4801.756
164.591	1.002	14.808						
11/13/2016 6:45:00 PM	333900.000	12.282	17.691	27.995	6075.465	7061.186	3.917	4801.606
164.596	1.002	14.809						
11/13/2016 6:50:00 PM	334200.000	12.279	17.691	27.987	6075.430	7061.145	3.917	4801.579
164.597	1.002	14.809						
11/13/2016 6:55:00 PM	334500.000	12.283	17.691	27.997	6077.095	7063.081	3.918	4802.895
164.552	1.002	14.809						
11/13/2016 7:00:00 PM	334800.000	12.279	17.691	27.989	6074.521	7060.117	3.916	4800.880
164.622	1.002	14.809						
11/13/2016 7:05:00 PM	335100.000	12.278	17.691	27.984	6076.938	7062.927	3.918	4802.790
164.557	1.002	14.812						
11/13/2016 7:10:00 PM	335400.000	12.281	17.691	27.991	6073.695	7059.157	3.916	4800.227
164.644	1.002	14.815						
11/13/2016 7:15:00 PM	335700.000	12.273	17.691	27.975	6075.503	7061.243	3.917	4801.646
164.595	1.002	14.818						
11/13/2016 7:20:00 PM	336000.000	12.279	17.691	27.987	6074.445	7059.987	3.916	4800.792
164.624	1.002	14.817						
11/13/2016 7:25:00 PM	336300.000	12.280	17.692	27.989	6075.574	7061.216	3.917	4801.627
164.594	1.002	14.816						
11/13/2016 7:30:00 PM	336600.000	12.281	17.691	27.992	6075.577	7061.357	3.917	4801.723
164.593	1.002	14.815						
11/13/2016 7:35:00 PM	336900.000	12.281	17.691	27.992	6075.341	7061.055	3.917	4801.518
164.600	1.002	14.815						
11/13/2016 7:40:00 PM	337200.000	12.284	17.691	27.999	6075.548	7061.379	3.917	4801.738
164.594	1.002	14.814						
11/13/2016 7:45:00 PM	337500.000	12.283	17.691	27.996	6073.926	7059.411	3.916	4800.400
164.638	1.002	14.814						
11/13/2016 7:50:00 PM	337800.000	12.284	17.691	27.998	6075.195	7060.913	3.917	4801.421
164.604	1.002	14.813						
11/13/2016 7:55:00 PM	338100.000	12.285	17.691	28.000	6074.806	7060.433	3.916	4801.095
164.614	1.002	14.812						
11/13/2016 8:00:00 PM	338400.000	12.288	17.692	28.008	6074.729	7060.277	3.916	4800.989
164.616	1.002	14.812						
11/13/2016 8:05:00 PM	338700.000	12.282	17.691	27.995	6074.625	7060.209	3.916	4800.942
164.619	1.002	14.812						
11/13/2016 8:10:00 PM	339000.000	12.282	17.691	27.994	6075.380	7061.074	3.917	4801.530
164.599	1.002	14.813						
11/13/2016 8:15:00 PM	339300.000	12.280	17.691	27.990	6074.003	7059.542	3.916	4800.489
164.636	1.002	14.813						
11/13/2016 8:20:00 PM	339600.000	12.281	17.691	27.991	6074.979	7060.622	3.917	4801.223
164.610	1.002	14.813						
11/13/2016 8:25:00 PM	339900.000	12.285	17.691	28.001	6074.766	7060.414	3.916	4801.082
164.615	1.002	14.812						
11/13/2016 8:30:00 PM	340200.000	12.286	17.691	28.004	6073.904	7059.400	3.916	4800.392
164.639	1.002	14.811						
11/13/2016 8:35:00 PM	340500.000	12.285	17.691	28.002	6074.865	7060.517	3.917	4801.152
164.613	1.002	14.811						
11/13/2016 8:40:00 PM	340800.000	12.285	17.692	28.002	6074.806	7060.366	3.916	4801.050
164.614	1.002	14.811						
11/13/2016 8:45:00 PM	341100.000	12.285	17.691	28.001	6074.114	7059.629	3.916	4800.548
164.633	1.002	14.810						
11/13/2016 8:50:00 PM	341400.000	12.280	17.691	27.990	6074.329	7059.894	3.916	4800.728
164.627	1.002	14.811						
11/13/2016 8:55:00 PM	341700.000	12.284	17.691	28.000	6075.076	7060.762	3.917	4801.318
164.607	1.002	14.812						
11/13/2016 9:00:00 PM	342000.000	12.280	17.691	27.991	6074.845	7060.493	3.916	4801.136
164.613	1.002	14.813						
11/13/2016 9:05:00 PM	342300.000	12.281	17.692	27.993	6074.103	7059.563	3.916	4800.503
164.633	1.002	14.815						
11/13/2016 9:10:00 PM	342600.000	12.284	17.691	27.998	6074.260	7059.798	3.916	4800.664
164.629	1.002	14.816						
11/13/2016 9:15:00 PM	342900.000	12.282	17.691	27.995	6072.972	7058.329	3.915	4799.664
164.664	1.002	14.817						
11/13/2016 9:20:00 PM	343200.000	12.282	17.691	27.995	6073.032	7058.372	3.915	4799.693
164.662	1.002	14.817						
11/13/2016 9:25:00 PM	343500.000	12.281	17.691	27.993	6074.211	7059.701	3.916	4800.597
164.630	1.002	14.818						
11/13/2016 9:30:00 PM	343800.000	12.279	17.691	27.987	6073.524	7058.930	3.916	4800.073
164.649	1.002	14.818						
11/13/2016 9:35:00 PM	344100.000	12.287	17.691	28.005	6073.374	7058.783	3.915	4799.973

164.653	1.002	14.816						
11/13/2016 9:40:00 PM	344400.000	12.286	17.691	28.004	6073.216	7058.585	3.915	4799.838
164.657	1.002	14.814						
11/13/2016 9:45:00 PM	344700.000	12.281	17.691	27.993	6073.050	7058.420	3.915	4799.726
164.662	1.002	14.813						
11/13/2016 9:50:00 PM	345000.000	12.285	17.691	28.001	6074.531	7060.182	3.916	4800.924
164.622	1.002	14.814						
11/13/2016 9:55:00 PM	345300.000	12.285	17.691	28.001	6073.144	7058.488	3.915	4799.772
164.659	1.002	14.816						
11/13/2016 10:00:00 PM	345600.000	12.279	17.691	27.987	6074.553	7060.139	3.916	4800.895
164.621	1.002	14.817						
11/13/2016 10:05:00 PM	345900.000	12.282	17.691	27.994	6072.896	7058.173	3.915	4799.558
164.666	1.002	14.819						
11/13/2016 10:10:00 PM	346200.000	12.276	17.691	27.980	6071.644	7056.814	3.914	4798.634
164.700	1.002	14.820						
11/13/2016 10:15:00 PM	346500.000	12.276	17.692	27.980	6074.355	7059.842	3.916	4800.692
164.627	1.002	14.822						
11/13/2016 10:20:00 PM	346800.000	12.283	17.691	27.997	6072.979	7058.325	3.915	4799.661
164.664	1.002	14.821						
11/13/2016 10:25:00 PM	347100.000	12.281	17.691	27.991	6073.320	7058.706	3.915	4799.920
164.655	1.002	14.820						
11/13/2016 10:30:00 PM	347400.000	12.282	17.691	27.994	6072.154	7057.393	3.915	4799.027
164.686	1.002	14.819						
11/13/2016 10:35:00 PM	347700.000	12.286	17.691	28.003	6072.546	7057.793	3.915	4799.300
164.676	1.002	14.818						
11/13/2016 10:40:00 PM	348000.000	12.281	17.691	27.993	6073.478	7058.946	3.916	4800.083
164.650	1.002	14.818						
11/13/2016 10:45:00 PM	348300.000	12.284	17.691	27.998	6071.981	7057.166	3.915	4798.873
164.691	1.002	14.818						
11/13/2016 10:50:00 PM	348600.000	12.288	17.691	28.009	6071.750	7056.869	3.914	4798.671
164.697	1.002	14.818						
11/13/2016 10:55:00 PM	348900.000	12.288	17.691	28.008	6073.115	7058.495	3.915	4799.777
164.660	1.002	14.819						
11/13/2016 11:00:00 PM	349200.000	12.288	17.691	28.008	6071.345	7056.438	3.914	4798.378
164.708	1.002	14.819						
11/13/2016 11:05:00 PM	349500.000	12.290	17.691	28.012	6072.475	7057.751	3.915	4799.271
164.677	1.002	14.819						
11/13/2016 11:10:00 PM	349800.000	12.290	17.691	28.012	6072.781	7058.053	3.915	4799.476
164.669	1.002	14.819						
11/13/2016 11:15:00 PM	350100.000	12.284	17.691	27.999	6072.205	7057.425	3.915	4799.049
164.685	1.002	14.818						
11/13/2016 11:20:00 PM	350400.000	12.287	17.691	28.006	6071.635	7056.775	3.914	4798.607
164.700	1.002	14.820						
11/13/2016 11:25:00 PM	350700.000	12.285	17.691	28.002	6070.965	7055.984	3.914	4798.069
164.718	1.002	14.822						
11/13/2016 11:30:00 PM	351000.000	12.285	17.691	28.000	6072.267	7057.510	3.915	4799.107
164.683	1.002	14.823						
11/13/2016 11:35:00 PM	351300.000	12.287	17.691	28.006	6072.303	7057.566	3.915	4799.145
164.682	1.002	14.820						
11/13/2016 11:40:00 PM	351600.000	12.290	17.691	28.013	6071.294	7056.379	3.914	4798.338
164.710	1.002	14.817						
11/13/2016 11:45:00 PM	351900.000	12.294	17.691	28.022	6071.083	7056.122	3.914	4798.163
164.715	1.002	14.815						
11/13/2016 11:50:00 PM	352200.000	12.293	17.692	28.019	6071.314	7056.266	3.914	4798.262
164.709	1.002	14.817						
11/13/2016 11:55:00 PM	352500.000	12.289	17.691	28.010	6069.750	7054.543	3.913	4797.090
164.751	1.002	14.819						
11/14/2016 12:00:00 AM	352800.000	12.286	17.691	28.004	6070.883	7055.874	3.914	4797.994
164.721	1.002	14.821						
11/14/2016 12:05:00 AM	353100.000	12.287	17.691	28.005	6071.327	7056.404	3.914	4798.355
164.709	1.002	14.818						
11/14/2016 12:10:00 AM	353400.000	12.289	17.691	28.010	6069.695	7054.467	3.913	4797.038
164.753	1.002	14.816						
11/14/2016 12:15:00 AM	353700.000	12.291	17.691	28.016	6070.666	7055.649	3.914	4797.841
164.727	1.002	14.814						
11/14/2016 12:20:00 AM	354000.000	12.286	17.691	28.004	6070.110	7054.949	3.913	4797.366
164.742	1.002	14.815						
11/14/2016 12:25:00 AM	354300.000	12.285	17.692	28.002	6069.211	7053.863	3.913	4796.627
164.766	1.002	14.816						
11/14/2016 12:30:00 AM	354600.000	12.287	17.691	28.007	6070.707	7055.628	3.914	4797.827
164.725	1.002	14.817						
11/14/2016 12:35:00 AM	354900.000	12.288	17.691	28.008	6069.385	7054.174	3.913	4796.839
164.761	1.002	14.816						
11/14/2016 12:40:00 AM	355200.000	12.289	17.691	28.011	6069.358	7054.088	3.913	4796.780
164.762	1.002	14.816						
11/14/2016 12:45:00 AM	355500.000	12.290	17.692	28.013	6070.365	7055.218	3.913	4797.549
164.735	1.002	14.815						
11/14/2016 12:50:00 AM	355800.000	12.284	17.691	27.999	6071.044	7056.088	3.914	4798.140
164.716	1.002	14.816						
11/14/2016 12:55:00 AM	356100.000	12.287	17.691	28.005	6069.937	7054.801	3.913	4797.266
164.746	1.002	14.816						
11/14/2016 1:00:00 AM	356400.000	12.287	17.691	28.006	6069.478	7054.268	3.913	4796.902
164.759	1.002	14.816						
11/14/2016 1:05:00 AM	356700.000	12.287	17.691	28.007	6069.917	7054.778	3.913	4797.250
164.747	1.002	14.816						
11/14/2016 1:10:00 AM	357000.000	12.288	17.691	28.009	6069.817	7054.650	3.913	4797.163
164.750	1.002	14.815						
11/14/2016 1:15:00 AM	357300.000	12.285	17.691	28.002	6070.559	7055.524	3.914	4797.757
164.729	1.002	14.815						
11/14/2016 1:20:00 AM	357600.000	12.284	17.691	28.000	6070.430	7055.389	3.913	4797.665
164.733	1.002	14.814						
11/14/2016 1:25:00 AM	357900.000	12.290	17.691	28.013	6070.123	7054.977	3.913	4797.385
164.741	1.002	14.814						
11/14/2016 1:30:00 AM	358200.000	12.292	17.691	28.018	6070.318	7055.204	3.913	4797.539
164.736	1.002	14.813						
11/14/2016 1:35:00 AM	358500.000	12.293	17.692	28.019	6070.200	7055.012	3.913	4797.409
164.739	1.002	14.813						
11/14/2016 1:40:00 AM	358800.000	12.293	17.691	28.019	6069.967	7054.769	3.913	4797.243
164.746	1.002	14.814						
11/14/2016 1:45:00 AM	359100.000	12.292	17.691	28.017	6069.984	7054.844	3.913	4797.294
164.745	1.002	14.814						
11/14/2016 1:50:00 AM	359400.000	12.290	17.692	28.013	6069.682	7054.424	3.913	4797.009
164.753	1.002	14.815						
11/14/2016 1:55:00 AM	359700.000	12.288	17.691	28.009	6071.031	7056.005	3.914	4798.084
164.717	1.002	14.816						
11/14/2016 2:00:00 AM	360000.000	12.289	17.691	28.011	6069.479	7054.256	3.913	4796.895
164.759	1.002	14.818						
11/14/2016 2:05:00 AM	360300.000	12.290	17.691	28.012	6070.174	7055.049	3.913	4797.434
164.740	1.002	14.817						
11/14/2016 2:10:00 AM	360600.000	12.289	17.691	28.011	6069.383	7054.104	3.913	4796.791
164.761	1.002	14.817						
11/14/2016 2:15:00 AM	360900.000	12.290	17.691	28.013	6071.407	7056.469	3.914	4798.399
164.706	1.002	14.816						
11/14/2016 2:20:00 AM	361200.000	12.293	17.692	28.019	6070.849	7055.781	3.914	4797.931
164.722	1.002	14.814						
11/14/2016 2:25:00 AM	361500.000	12.295	17.691	28.024	6069.905	7054.737	3.913	4797.221
164.747	1.002	14.811						
11/14/2016 2:30:00 AM	361800.000	12.297	17.691	28.029	6070.779	7055.768	3.914	4797.922
164.724	1.002	14.808						
11/14/2016 2:35:00 AM	362100.000	12.295	17.691	28.024	6069.386	7054.148	3.913	4796.821
164.761	1.002	14.811						
11/14/2016 2:40:00 AM	362400.000	12.292	17.691	28.018	6069.472	7054.234	3.913	4796.879
164.759	1.002	14.813						
11/14/2016 2:45:00 AM	362700.000	12.288	17.691	28.009	6069.572	7054.365	3.913	4796.968
164.756	1.002	14.815						
11/14/2016 2:50:00 AM	363000.000	12.286	17.691	28.003	6069.991	7054.836	3.913	4797.290
164.745	1.002	14.815						
11/14/2016 2:55:00 AM	363300.000	12.290	17.691	28.013	6070.481	7055.421	3.913	4797.687
164.732	1.002	14.814						
11/14/2016 3:00:00 AM	363600.000	12.290	17.692	28.012	6069.733	7054.415	3.913	4797.002
164.752	1.002	14.813						
11/14/2016 3:05:00 AM	363900.000	12.292	17.691	28.017	6069.060	7053.742	3.912	4796.544
164.770	1.002	14.812						

11/14/2016 3:10:00 AM	364200.000	12.295	17.691	28.023	6070.131	7055.000	3.913	4797.400
164.741	1.002	14.810						
11/14/2016 3:15:00 AM	364500.000	12.290	17.692	28.012	6071.057	7056.008	3.914	4798.086
164.716	1.002	14.809						
11/14/2016 3:20:00 AM	364800.000	12.294	17.692	28.023	6071.715	7056.788	3.914	4798.616
164.698	1.002	14.809						
11/14/2016 3:25:00 AM	365100.000	12.295	17.691	28.024	6070.805	7055.798	3.914	4797.943
164.723	1.002	14.809						
11/14/2016 3:30:00 AM	365400.000	12.295	17.691	28.025	6070.093	7054.942	3.913	4797.360
164.742	1.002	14.809						
11/14/2016 3:35:00 AM	365700.000	12.289	17.691	28.011	6072.246	7057.514	3.915	4799.109
164.684	1.002	14.810						
11/14/2016 3:40:00 AM	366000.000	12.290	17.691	28.012	6070.861	7055.863	3.914	4797.987
164.721	1.002	14.810						
11/14/2016 3:45:00 AM	366300.000	12.289	17.691	28.010	6071.713	7056.812	3.914	4798.632
164.698	1.002	14.811						
11/14/2016 3:50:00 AM	366600.000	12.289	17.691	28.011	6070.963	7056.035	3.914	4798.104
164.719	1.002	14.812						
11/14/2016 3:55:00 AM	366900.000	12.286	17.691	28.004	6071.127	7056.117	3.914	4798.160
164.714	1.002	14.813						
11/14/2016 4:00:00 AM	367200.000	12.291	17.691	28.015	6070.696	7055.630	3.914	4797.829
164.726	1.002	14.813						
11/14/2016 4:05:00 AM	367500.000	12.293	17.691	28.020	6070.563	7055.501	3.914	4797.741
164.729	1.002	14.812						
11/14/2016 4:10:00 AM	367800.000	12.294	17.691	28.022	6071.784	7056.936	3.914	4798.717
164.696	1.002	14.810						
11/14/2016 4:15:00 AM	368100.000	12.297	17.691	28.029	6072.126	7057.318	3.915	4798.977
164.687	1.002	14.809						
11/14/2016 4:20:00 AM	368400.000	12.294	17.691	28.021	6071.757	7056.904	3.914	4798.695
164.697	1.002	14.810						
11/14/2016 4:25:00 AM	368700.000	12.290	17.691	28.013	6071.502	7056.593	3.914	4798.483
164.704	1.002	14.811						
11/14/2016 4:30:00 AM	369000.000	12.293	17.691	28.020	6071.454	7056.523	3.914	4798.436
164.705	1.002	14.813						
11/14/2016 4:35:00 AM	369300.000	12.292	17.691	28.018	6072.361	7057.592	3.915	4799.163
164.681	1.002	14.812						
11/14/2016 4:40:00 AM	369600.000	12.292	17.691	28.018	6071.470	7056.530	3.914	4798.440
164.705	1.002	14.811						
11/14/2016 4:45:00 AM	369900.000	12.290	17.691	28.013	6073.197	7058.579	3.915	4799.834
164.658	1.002	14.810						
11/14/2016 4:50:00 AM	370200.000	12.291	17.691	28.014	6072.566	7057.857	3.915	4799.343
164.675	1.002	14.810						
11/14/2016 4:55:00 AM	370500.000	12.295	17.691	28.025	6071.981	7057.109	3.914	4798.834
164.691	1.002	14.810						
11/14/2016 5:00:00 AM	370800.000	12.291	17.691	28.014	6071.147	7056.196	3.914	4798.213
164.714	1.002	14.811						
11/14/2016 5:05:00 AM	371100.000	12.296	17.691	28.026	6072.690	7058.001	3.915	4799.441
164.672	1.002	14.810						
11/14/2016 5:10:00 AM	371400.000	12.295	17.691	28.024	6072.780	7058.162	3.915	4799.550
164.669	1.002	14.810						
11/14/2016 5:15:00 AM	371700.000	12.295	17.691	28.024	6072.586	7057.840	3.915	4799.332
164.674	1.002	14.810						
11/14/2016 5:20:00 AM	372000.000	12.296	17.692	28.027	6074.180	7059.612	3.916	4800.536
164.631	1.002	14.810						
11/14/2016 5:25:00 AM	372300.000	12.296	17.691	28.027	6072.167	7057.393	3.915	4799.027
164.686	1.002	14.809						
11/14/2016 5:30:00 AM	372600.000	12.292	17.691	28.018	6073.065	7058.493	3.915	4799.775
164.661	1.002	14.808						
11/14/2016 5:35:00 AM	372900.000	12.291	17.692	28.015	6072.286	7057.452	3.915	4799.067
164.683	1.002	14.810						
11/14/2016 5:40:00 AM	373200.000	12.293	17.691	28.019	6072.812	7058.115	3.915	4799.518
164.668	1.002	14.811						
11/14/2016 5:45:00 AM	373500.000	12.291	17.691	28.016	6073.640	7059.105	3.916	4800.191
164.646	1.002	14.812						
11/14/2016 5:50:00 AM	373800.000	12.289	17.691	28.010	6074.528	7060.193	3.916	4800.932
164.622	1.002	14.811						
11/14/2016 5:55:00 AM	374100.000	12.294	17.691	28.022	6074.070	7059.593	3.916	4800.524
164.634	1.002	14.809						
11/14/2016 6:00:00 AM	374400.000	12.292	17.691	28.017	6073.119	7058.459	3.915	4799.753
164.660	1.002	14.808						
11/14/2016 6:05:00 AM	374700.000	12.295	17.692	28.024	6073.651	7059.038	3.916	4800.146
164.646	1.002	14.809						
11/14/2016 6:10:00 AM	375000.000	12.296	17.691	28.027	6073.178	7058.568	3.915	4799.827
164.658	1.002	14.810						
11/14/2016 6:15:00 AM	375300.000	12.295	17.691	28.024	6074.435	7059.976	3.916	4800.784
164.624	1.002	14.811						
11/14/2016 6:20:00 AM	375600.000	12.296	17.691	28.025	6073.326	7058.672	3.915	4799.897
164.654	1.002	14.810						
11/14/2016 6:25:00 AM	375900.000	12.298	17.691	28.031	6074.430	7060.011	3.916	4800.808
164.625	1.002	14.809						
11/14/2016 6:30:00 AM	376200.000	12.296	17.691	28.027	6074.313	7059.846	3.916	4800.695
164.628	1.002	14.808						
11/14/2016 6:35:00 AM	376500.000	12.295	17.691	28.025	6074.029	7059.557	3.916	4800.500
164.635	1.002	14.808						
11/14/2016 6:40:00 AM	376800.000	12.298	17.692	28.031	6073.519	7058.855	3.916	4800.022
164.649	1.002	14.808						
11/14/2016 6:45:00 AM	377100.000	12.299	17.691	28.033	6068.832	7053.517	3.912	4796.392
164.776	1.002	14.808						
11/14/2016 6:50:00 AM	377400.000	12.298	17.691	28.030	6060.615	7043.899	3.907	4789.852
165.000	1.002	14.810						
11/14/2016 6:55:00 AM	377700.000	12.291	17.691	28.016	6046.138	7027.074	3.897	4778.411
165.395	1.002	14.813						
11/14/2016 7:00:00 AM	378000.000	12.290	17.691	28.012	6028.750	7006.920	3.885	4764.706
165.872	1.002	14.815						
11/14/2016 7:05:00 AM	378300.000	12.292	17.692	28.018	6012.116	6987.506	3.873	4751.504
166.331	1.002	14.817						
11/14/2016 7:10:00 AM	378600.000	12.292	17.691	28.016	5998.525	6971.762	3.864	4740.798
166.708	1.002	14.819						
11/14/2016 7:15:00 AM	378900.000	12.290	17.692	28.012	5986.081	6957.261	3.855	4730.938
167.054	1.002	14.821						
11/14/2016 7:20:00 AM	379200.000	12.290	17.692	28.012	5971.967	6940.829	3.846	4719.764
167.449	1.002	14.819						
11/14/2016 7:25:00 AM	379500.000	12.293	17.692	28.019	5961.906	6929.108	3.839	4711.794
167.732	1.002	14.816						
11/14/2016 7:30:00 AM	379800.000	12.301	17.692	28.038	5951.178	6916.614	3.831	4703.298
168.034	1.002	14.814						
11/14/2016 7:35:00 AM	380100.000	12.298	17.692	28.031	5939.716	6903.374	3.823	4694.294
168.358	1.002	14.817						
11/14/2016 7:40:00 AM	380400.000	12.291	17.691	28.015	5930.347	6892.562	3.817	4686.942
168.624	1.002	14.819						
11/14/2016 7:45:00 AM	380700.000	12.294	17.692	28.022	5919.573	6879.923	3.810	4678.348
168.931	1.002	14.822						
11/14/2016 7:50:00 AM	381000.000	12.293	17.692	28.020	5910.015	6868.826	3.803	4670.802
169.204	1.002	14.823						
11/14/2016 7:55:00 AM	381300.000	12.293	17.692	28.019	5901.080	6858.401	3.797	4663.713
169.461	1.002	14.824						
11/14/2016 8:00:00 AM	381600.000	12.292	17.692	28.017	5893.514	6849.582	3.792	4657.715
169.678	1.002	14.825						
11/14/2016 8:05:00 AM	381900.000	12.294	17.692	28.023	5885.001	6839.782	3.786	4651.052
169.923	1.002	14.823						
11/14/2016 8:10:00 AM	382200.000	12.295	17.691	28.025	5876.583	6830.024	3.780	4644.417
170.167	1.002	14.821						
11/14/2016 8:15:00 AM	382500.000	12.295	17.692	28.024	5867.675	6819.605	3.774	4637.332
170.425	1.002	14.818						
11/14/2016 8:20:00 AM	382800.000	12.297	17.692	28.028	5859.929	6810.614	3.769	4631.218
170.651	1.002	14.821						
11/14/2016 8:25:00 AM	383100.000	12.294	17.692	28.021	5852.259	6801.713	3.763	4625.166
170.874	1.002	14.823						
11/14/2016 8:30:00 AM	383400.000	12.292	17.692	28.018	5844.364	6792.512	3.758	4618.908
171.105	1.002	14.825						
11/14/2016 8:35:00 AM	383700.000	12.295	17.691	28.023	5838.545	6785.801	3.754	4614.345
171.276	1.002	14.823						
11/14/2016 8:40:00 AM	384000.000	12.294	17.692	28.021	5831.023	6777.019	3.749	4608.373

171.496	1.002	14.821						
11/14/2016 8:45:00 AM	384300.000	12.296	17.692	28.026	5823.805	6768.590	3.744	4602.641
171.709	1.002	14.819						
11/14/2016 8:50:00 AM	384600.000	12.292	17.692	28.018	5817.103	6760.867	3.739	4597.390
171.907	1.002	14.822						
11/14/2016 8:55:00 AM	384900.000	12.292	17.692	28.017	5810.423	6752.986	3.734	4592.031
172.104	1.002	14.825						
11/14/2016 9:00:00 AM	385200.000	12.285	17.692	28.002	5805.323	6747.163	3.731	4588.071
172.256	1.002	14.828						
11/14/2016 9:05:00 AM	385500.000	12.290	17.692	28.014	5796.529	6736.917	3.725	4581.104
172.517	1.002	14.827						
11/14/2016 9:10:00 AM	385800.000	12.286	17.692	28.003	5791.349	6730.842	3.721	4576.973
172.671	1.002	14.825						
11/14/2016 9:15:00 AM	386100.000	12.292	17.692	28.016	5785.001	6723.544	3.717	4572.011
172.861	1.001	14.824						
11/14/2016 9:20:00 AM	386400.000	12.289	17.692	28.009	5778.035	6715.461	3.712	4566.514
173.069	1.001	14.824						
11/14/2016 9:25:00 AM	386700.000	12.291	17.692	28.015	5773.882	6710.596	3.709	4563.206
173.194	1.001	14.824						
11/14/2016 9:30:00 AM	387000.000	12.286	17.691	28.003	5766.999	6702.699	3.705	4557.835
173.400	1.001	14.824						
11/14/2016 9:35:00 AM	387300.000	12.289	17.692	28.009	5761.401	6696.129	3.701	4553.368
173.569	1.001	14.825						
11/14/2016 9:40:00 AM	387600.000	12.289	17.691	28.010	5757.833	6692.006	3.698	4550.565
173.676	1.001	14.826						
11/14/2016 9:45:00 AM	387900.000	12.288	17.692	28.007	5750.701	6683.654	3.694	4544.885
173.892	1.001	14.827						
11/14/2016 9:50:00 AM	388200.000	12.286	17.691	28.003	5748.098	6680.679	3.692	4542.862
173.971	1.001	14.822						
11/14/2016 9:55:00 AM	388500.000	12.289	17.692	28.011	5744.172	6676.091	3.689	4539.743
174.089	1.001	14.818						
11/14/2016 10:00:00 AM	388800.000	12.294	17.692	28.023	5739.753	6670.877	3.686	4536.197
174.224	1.001	14.814						
11/14/2016 10:05:00 AM	389100.000	12.297	17.691	28.028	5733.976	6664.292	3.682	4531.718
174.399	1.001	14.814						
11/14/2016 10:10:00 AM	389400.000	12.291	17.692	28.015	5729.262	6658.723	3.679	4527.932
174.543	1.001	14.815						
11/14/2016 10:15:00 AM	389700.000	12.296	17.692	28.025	5725.643	6654.516	3.676	4525.071
174.653	1.001	14.815						
11/14/2016 10:20:00 AM	390000.000	12.293	17.692	28.020	5721.196	6649.335	3.673	4521.548
174.789	1.001	14.816						
11/14/2016 10:25:00 AM	390300.000	12.293	17.691	28.019	5717.484	6645.111	3.671	4518.676
174.902	1.001	14.817						
11/14/2016 10:30:00 AM	390600.000	12.285	17.692	28.000	5714.840	6641.936	3.669	4516.517
174.983	1.001	14.818						
11/14/2016 10:35:00 AM	390900.000	12.289	17.691	28.010	5711.554	6638.206	3.667	4513.980
175.084	1.001	14.819						
11/14/2016 10:40:00 AM	391200.000	12.288	17.691	28.007	5708.398	6634.538	3.665	4511.486
175.180	1.001	14.819						
11/14/2016 10:45:00 AM	391500.000	12.288	17.692	28.007	5704.711	6630.203	3.662	4508.538
175.294	1.001	14.820						
11/14/2016 10:50:00 AM	391800.000	12.288	17.692	28.009	5701.687	6626.673	3.660	4506.138
175.387	1.001	14.817						
11/14/2016 10:55:00 AM	392100.000	12.292	17.691	28.016	5699.741	6624.476	3.659	4504.644
175.447	1.001	14.815						
11/14/2016 11:00:00 AM	392400.000	12.293	17.692	28.019	5697.046	6621.333	3.657	4502.507
175.530	1.001	14.812						
11/14/2016 11:05:00 AM	392700.000	12.290	17.692	28.012	5694.320	6618.126	3.655	4500.326
175.614	1.001	14.813						
11/14/2016 11:10:00 AM	393000.000	12.289	17.692	28.010	5693.317	6616.986	3.654	4499.550
175.645	1.001	14.813						
11/14/2016 11:15:00 AM	393300.000	12.288	17.692	28.007	5688.031	6610.790	3.651	4495.337
175.808	1.001	14.813						
11/14/2016 11:20:00 AM	393600.000	12.287	17.691	28.007	5685.943	6608.465	3.649	4493.757
175.872	1.001	14.812						
11/14/2016 11:25:00 AM	393900.000	12.283	17.691	27.996	5684.953	6607.302	3.648	4492.966
175.903	1.001	14.810						
11/14/2016 11:30:00 AM	394200.000	12.288	17.691	28.008	5681.788	6603.624	3.646	4490.464
176.001	1.001	14.809						
11/14/2016 11:35:00 AM	394500.000	12.288	17.692	28.008	5679.286	6600.665	3.645	4488.453
176.078	1.001	14.807						
11/14/2016 11:40:00 AM	394800.000	12.284	17.691	27.999	5678.253	6599.502	3.644	4487.661
176.111	1.001	14.806						
11/14/2016 11:45:00 AM	395100.000	12.289	17.691	28.010	5675.714	6596.577	3.642	4485.672
176.189	1.001	14.805						
11/14/2016 11:50:00 AM	395400.000	12.288	17.691	28.009	5673.242	6593.730	3.640	4483.737
176.266	1.001	14.804						
11/14/2016 11:55:00 AM	395700.000	12.286	17.692	28.003	5670.760	6590.755	3.639	4481.714
176.343	1.001	14.804						
11/14/2016 12:00:00 PM	396000.000	12.282	17.692	27.994	5671.347	6591.451	3.639	4482.187
176.325	1.001	14.804						
11/14/2016 12:05:00 PM	396300.000	12.281	17.692	27.991	5669.142	6588.888	3.638	4480.444
176.394	1.001	14.804						
11/14/2016 12:10:00 PM	396600.000	12.284	17.692	27.998	5667.842	6587.390	3.637	4479.425
176.434	1.001	14.803						
11/14/2016 12:15:00 PM	396900.000	12.278	17.692	27.986	5664.292	6583.264	3.634	4476.620
176.545	1.001	14.803						
11/14/2016 12:20:00 PM	397200.000	12.283	17.692	27.996	5666.154	6585.416	3.636	4478.083
176.487	1.001	14.801						
11/14/2016 12:25:00 PM	397500.000	12.281	17.692	27.992	5662.147	6580.745	3.633	4474.907
176.611	1.001	14.800						
11/14/2016 12:30:00 PM	397800.000	12.282	17.692	27.993	5661.811	6580.354	3.633	4474.641
176.622	1.001	14.798						
11/14/2016 12:35:00 PM	398100.000	12.285	17.691	28.002	5660.554	6578.970	3.632	4473.700
176.661	1.001	14.798						
11/14/2016 12:40:00 PM	398400.000	12.284	17.692	28.000	5659.120	6577.226	3.631	4472.514
176.706	1.001	14.798						
11/14/2016 12:45:00 PM	398700.000	12.283	17.691	27.998	5658.688	6576.763	3.630	4472.199
176.719	1.001	14.798						
11/14/2016 12:50:00 PM	399000.000	12.280	17.691	27.989	5658.136	6576.135	3.630	4471.771
176.737	1.001	14.797						
11/14/2016 12:55:00 PM	399300.000	12.283	17.691	27.998	5657.283	6575.193	3.630	4471.131
176.763	1.001	14.797						
11/14/2016 1:00:00 PM	399600.000	12.278	17.692	27.986	5656.489	6574.143	3.629	4470.417
176.788	1.001	14.796						
11/14/2016 1:05:00 PM	399900.000	12.283	17.692	27.997	5656.715	6574.458	3.629	4470.632
176.781	1.001	14.797						
11/14/2016 1:10:00 PM	400200.000	12.282	17.691	27.994	5656.718	6574.576	3.629	4470.712
176.781	1.001	14.798						
11/14/2016 1:15:00 PM	400500.000	12.280	17.692	27.989	5655.263	6572.771	3.628	4469.484
176.826	1.001	14.799						
11/14/2016 1:20:00 PM	400800.000	12.280	17.692	27.990	5655.812	6573.408	3.628	4469.918
176.809	1.001	14.798						
11/14/2016 1:25:00 PM	401100.000	12.279	17.691	27.988	5654.497	6571.955	3.628	4468.930
176.850	1.001	14.798						
11/14/2016 1:30:00 PM	401400.000	12.280	17.691	27.990	5654.998	6572.525	3.628	4469.317
176.835	1.001	14.797						
11/14/2016 1:35:00 PM	401700.000	12.276	17.691	27.980	5654.854	6572.344	3.628	4469.194
176.839	1.001	14.797						
11/14/2016 1:40:00 PM	402000.000	12.275	17.691	27.979	5655.672	6573.257	3.628	4469.815
176.814	1.001	14.797						
11/14/2016 1:45:00 PM	402300.000	12.279	17.691	27.987	5653.886	6571.233	3.627	4468.439
176.870	1.001	14.796						
11/14/2016 1:50:00 PM	402600.000	12.277	17.691	27.983	5654.271	6571.655	3.627	4468.725
176.857	1.001	14.794						
11/14/2016 1:55:00 PM	402900.000	12.283	17.691	27.998	5654.733	6572.218	3.628	4469.108
176.843	1.001	14.791						
11/14/2016 2:00:00 PM	403200.000	12.282	17.691	27.995	5654.243	6571.610	3.627	4468.695
176.858	1.001	14.788						
11/14/2016 2:05:00 PM	403500.000	12.280	17.691	27.989	5653.944	6571.274	3.627	4468.467
176.868	1.001	14.790						
11/14/2016 2:10:00 PM	403800.000	12.277	17.691	27.984	5654.254	6571.726	3.628	4468.774
176.858	1.001	14.792						

11/14/2016 2:15:00 PM	404100.000	12.281	17.691	27.991	5653.350	6570.611	3.627	4468.016
176.886	1.001	14.793						
11/14/2016 2:20:00 PM	404400.000	12.283	17.691	27.997	5653.969	6571.278	3.627	4468.470
176.867	1.001	14.792						
11/14/2016 2:25:00 PM	404700.000	12.282	17.691	27.995	5654.574	6572.019	3.628	4468.973
176.848	1.001	14.791						
11/14/2016 2:30:00 PM	405000.000	12.283	17.691	27.996	5655.242	6572.860	3.628	4469.545
176.827	1.001	14.790						
11/14/2016 2:35:00 PM	405300.000	12.277	17.691	27.983	5655.053	6572.551	3.628	4469.335
176.833	1.001	14.792						
11/14/2016 2:40:00 PM	405600.000	12.280	17.691	27.989	5655.233	6572.748	3.628	4469.469
176.827	1.001	14.793						
11/14/2016 2:45:00 PM	405900.000	12.273	17.691	27.973	5654.862	6572.368	3.628	4469.210
176.839	1.001	14.795						
11/14/2016 2:50:00 PM	406200.000	12.275	17.692	27.978	5654.895	6572.342	3.628	4469.193
176.838	1.001	14.795						
11/14/2016 2:55:00 PM	406500.000	12.275	17.691	27.978	5656.015	6573.708	3.629	4470.122
176.803	1.001	14.794						
11/14/2016 3:00:00 PM	406800.000	12.280	17.691	27.990	5657.118	6574.951	3.629	4470.966
176.768	1.001	14.794						
11/14/2016 3:05:00 PM	407100.000	12.281	17.691	27.993	5655.705	6573.348	3.628	4469.877
176.813	1.001	14.794						
11/14/2016 3:10:00 PM	407400.000	12.280	17.691	27.990	5655.219	6572.794	3.628	4469.500
176.828	1.001	14.795						
11/14/2016 3:15:00 PM	407700.000	12.278	17.691	27.985	5657.551	6575.479	3.630	4471.326
176.755	1.001	14.796						
11/14/2016 3:20:00 PM	408000.000	12.279	17.692	27.987	5658.251	6576.230	3.630	4471.837
176.733	1.001	14.796						
11/14/2016 3:25:00 PM	408300.000	12.279	17.691	27.988	5658.343	6576.452	3.630	4471.988
176.730	1.001	14.795						
11/14/2016 3:30:00 PM	408600.000	12.279	17.692	27.988	5659.109	6577.228	3.631	4472.515
176.706	1.001	14.795						
11/14/2016 3:35:00 PM	408900.000	12.273	17.691	27.975	5657.533	6575.472	3.630	4471.322
176.755	1.001	14.795						
11/14/2016 3:40:00 PM	409200.000	12.278	17.691	27.986	5658.551	6576.680	3.630	4472.143
176.724	1.001	14.796						
11/14/2016 3:45:00 PM	409500.000	12.272	17.691	27.972	5660.144	6578.455	3.631	4473.350
176.674	1.001	14.797						
11/14/2016 3:50:00 PM	409800.000	12.277	17.691	27.984	5660.332	6578.673	3.632	4473.499
176.668	1.001	14.796						
11/14/2016 3:55:00 PM	410100.000	12.278	17.691	27.986	5660.908	6579.445	3.632	4474.023
176.650	1.001	14.795						
11/14/2016 4:00:00 PM	410400.000	12.275	17.691	27.978	5660.760	6579.223	3.632	4473.872
176.655	1.001	14.794						
11/14/2016 4:05:00 PM	410700.000	12.276	17.691	27.980	5661.741	6580.349	3.633	4474.638
176.624	1.001	14.796						
11/14/2016 4:10:00 PM	411000.000	12.274	17.691	27.977	5662.013	6580.640	3.633	4474.836
176.616	1.001	14.797						
11/14/2016 4:15:00 PM	411300.000	12.273	17.692	27.973	5662.163	6580.763	3.633	4474.919
176.611	1.001	14.799						
11/14/2016 4:20:00 PM	411600.000	12.267	17.691	27.960	5663.330	6582.184	3.634	4475.885
176.575	1.001	14.800						
11/14/2016 4:25:00 PM	411900.000	12.269	17.692	27.965	5664.424	6583.418	3.634	4476.725
176.540	1.001	14.800						
11/14/2016 4:30:00 PM	412200.000	12.266	17.691	27.957	5665.005	6584.104	3.635	4477.191
176.522	1.001	14.801						
11/14/2016 4:35:00 PM	412500.000	12.268	17.691	27.963	5664.355	6583.363	3.634	4476.687
176.543	1.001	14.801						
11/14/2016 4:40:00 PM	412800.000	12.267	17.691	27.961	5666.244	6585.570	3.636	4478.188
176.484	1.001	14.800						
11/14/2016 4:45:00 PM	413100.000	12.269	17.691	27.965	5665.588	6584.783	3.635	4477.652
176.504	1.001	14.800						
11/14/2016 4:50:00 PM	413400.000	12.266	17.691	27.959	5667.475	6586.989	3.637	4479.153
176.445	1.001	14.798						
11/14/2016 4:55:00 PM	413700.000	12.267	17.691	27.960	5665.938	6585.242	3.635	4477.964
176.493	1.001	14.797						
11/14/2016 5:00:00 PM	414000.000	12.273	17.691	27.973	5666.804	6586.221	3.636	4478.630
176.466	1.001	14.796						
11/14/2016 5:05:00 PM	414300.000	12.268	17.691	27.962	5668.400	6588.127	3.637	4479.927
176.417	1.001	14.797						
11/14/2016 5:10:00 PM	414600.000	12.270	17.691	27.967	5667.667	6587.199	3.637	4479.296
176.439	1.001	14.798						
11/14/2016 5:15:00 PM	414900.000	12.268	17.691	27.963	5668.846	6588.621	3.637	4480.262
176.403	1.001	14.799						
11/14/2016 5:20:00 PM	415200.000	12.266	17.691	27.958	5669.133	6588.955	3.638	4480.489
176.394	1.001	14.798						
11/14/2016 5:25:00 PM	415500.000	12.271	17.691	27.969	5670.735	6590.816	3.639	4481.756
176.344	1.001	14.797						
11/14/2016 5:30:00 PM	415800.000	12.272	17.691	27.971	5671.021	6591.161	3.639	4481.989
176.335	1.001	14.796						
11/14/2016 5:35:00 PM	416100.000	12.267	17.691	27.961	5673.681	6594.214	3.641	4484.065
176.252	1.001	14.796						
11/14/2016 5:40:00 PM	416400.000	12.272	17.691	27.972	5673.689	6594.223	3.641	4484.072
176.252	1.001	14.795						
11/14/2016 5:45:00 PM	416700.000	12.269	17.691	27.964	5673.353	6593.844	3.641	4483.814
176.263	1.001	14.795						
11/14/2016 5:50:00 PM	417000.000	12.268	17.691	27.963	5673.224	6593.709	3.640	4483.722
176.267	1.001	14.797						
11/14/2016 5:55:00 PM	417300.000	12.269	17.691	27.966	5674.198	6594.841	3.641	4484.492
176.236	1.001	14.798						
11/14/2016 6:00:00 PM	417600.000	12.264	17.691	27.954	5675.702	6596.600	3.642	4485.688
176.190	1.001	14.800						
11/14/2016 6:05:00 PM	417900.000	12.267	17.691	27.960	5675.671	6596.564	3.642	4485.665
176.191	1.001	14.802						
11/14/2016 6:10:00 PM	418200.000	12.260	17.691	27.945	5676.142	6597.062	3.642	4486.002
176.176	1.001	14.804						
11/14/2016 6:15:00 PM	418500.000	12.262	17.691	27.950	5676.564	6597.565	3.643	4486.344
176.163	1.001	14.806						
11/14/2016 6:20:00 PM	418800.000	12.263	17.691	27.950	5678.744	6600.073	3.644	4488.049
176.095	1.001	14.805						
11/14/2016 6:25:00 PM	419100.000	12.260	17.691	27.944	5679.151	6600.636	3.645	4488.433
176.083	1.001	14.804						
11/14/2016 6:30:00 PM	419400.000	12.266	17.692	27.958	5678.299	6599.517	3.644	4487.672
176.109	1.001	14.802						
11/14/2016 6:35:00 PM	419700.000	12.264	17.691	27.954	5681.448	6603.216	3.646	4490.187
176.011	1.001	14.803						
11/14/2016 6:40:00 PM	420000.000	12.265	17.691	27.956	5680.523	6602.153	3.645	4489.465
176.040	1.001	14.804						
11/14/2016 6:45:00 PM	420300.000	12.263	17.691	27.952	5681.721	6603.546	3.646	4490.412
176.003	1.001	14.805						
11/14/2016 6:50:00 PM	420600.000	12.262	17.691	27.948	5682.148	6604.029	3.647	4490.740
175.990	1.001	14.802						
11/14/2016 6:55:00 PM	420900.000	12.268	17.691	27.962	5681.939	6603.825	3.646	4490.601
175.996	1.001	14.800						
11/14/2016 7:00:00 PM	421200.000	12.270	17.691	27.968	5683.128	6605.245	3.647	4491.567
175.959	1.001	14.797						
11/14/2016 7:05:00 PM	421500.000	12.269	17.691	27.964	5685.042	6607.444	3.649	4493.062
175.900	1.001	14.797						
11/14/2016 7:10:00 PM	421800.000	12.269	17.691	27.964	5685.497	6607.935	3.649	4493.396
175.886	1.001	14.797						
11/14/2016 7:15:00 PM	422100.000	12.269	17.691	27.966	5685.577	6608.052	3.649	4493.476
175.884	1.001	14.798						
11/14/2016 7:20:00 PM	422400.000	12.267	17.691	27.961	5685.974	6608.540	3.649	4493.807
175.871	1.001	14.800						
11/14/2016 7:25:00 PM	422700.000	12.260	17.691	27.944	5686.197	6608.787	3.649	4493.975
175.864	1.001	14.801						
11/14/2016 7:30:00 PM	423000.000	12.257	17.691	27.937	5688.184	6611.121	3.651	4495.563
175.803	1.001	14.803						
11/14/2016 7:35:00 PM	423300.000	12.263	17.692	27.952	5688.201	6611.053	3.651	4495.516
175.803	1.001	14.803						
11/14/2016 7:40:00 PM	423600.000	12.264	17.691	27.953	5688.017	6610.875	3.651	4495.396
175.808	1.001	14.802						
11/14/2016 7:45:00 PM	423900.000	12.265	17.691	27.956	5689.606	6612.735	3.652	4496.660

175.759	1.001	14.802						
11/14/2016 7:50:00 PM	424200.000	12.265	17.691	27.955	5689.928	6613.109	3.652	4496.915
175.749	1.001	14.801						
11/14/2016 7:55:00 PM	424500.000	12.265	17.691	27.956	5690.066	6613.309	3.652	4497.050
175.745	1.001	14.801						
11/14/2016 8:00:00 PM	424800.000	12.267	17.691	27.959	5691.414	6614.862	3.653	4498.106
175.703	1.001	14.800						
11/14/2016 8:05:00 PM	425100.000	12.268	17.691	27.962	5692.759	6616.426	3.654	4499.170
175.662	1.001	14.799						
11/14/2016 8:10:00 PM	425400.000	12.269	17.692	27.965	5691.818	6615.257	3.653	4498.375
175.691	1.001	14.798						
11/14/2016 8:15:00 PM	425700.000	12.269	17.691	27.964	5693.372	6617.126	3.654	4499.646
175.643	1.001	14.797						
11/14/2016 8:20:00 PM	426000.000	12.268	17.691	27.963	5693.263	6617.050	3.654	4499.594
175.646	1.001	14.797						
11/14/2016 8:25:00 PM	426300.000	12.267	17.691	27.961	5695.684	6619.799	3.656	4501.463
175.572	1.001	14.797						
11/14/2016 8:30:00 PM	426600.000	12.265	17.691	27.956	5694.972	6618.959	3.655	4500.892
175.594	1.001	14.797						
11/14/2016 8:35:00 PM	426900.000	12.263	17.691	27.952	5696.149	6620.354	3.656	4501.841
175.557	1.001	14.799						
11/14/2016 8:40:00 PM	427200.000	12.263	17.690	27.951	5696.014	6620.287	3.656	4501.795
175.561	1.001	14.801						
11/14/2016 8:45:00 PM	427500.000	12.260	17.691	27.944	5697.104	6621.412	3.657	4502.560
175.528	1.001	14.802						
11/14/2016 8:50:00 PM	427800.000	12.261	17.691	27.946	5696.616	6620.921	3.657	4502.227
175.543	1.001	14.801						
11/14/2016 8:55:00 PM	428100.000	12.263	17.691	27.951	5697.542	6621.934	3.657	4502.916
175.514	1.001	14.800						
11/14/2016 9:00:00 PM	428400.000	12.265	17.692	27.956	5698.725	6623.271	3.658	4503.824
175.478	1.001	14.798						
11/14/2016 9:05:00 PM	428700.000	12.263	17.691	27.951	5699.343	6624.066	3.658	4504.365
175.459	1.001	14.801						
11/14/2016 9:10:00 PM	429000.000	12.255	17.691	27.934	5699.645	6624.403	3.659	4504.594
175.450	1.001	14.803						
11/14/2016 9:15:00 PM	429300.000	12.254	17.691	27.930	5700.285	6625.185	3.659	4505.126
175.430	1.001	14.806						
11/14/2016 9:20:00 PM	429600.000	12.259	17.691	27.942	5701.132	6626.145	3.660	4505.779
175.404	1.001	14.804						
11/14/2016 9:25:00 PM	429900.000	12.262	17.691	27.950	5701.735	6626.846	3.660	4506.256
175.385	1.001	14.802						
11/14/2016 9:30:00 PM	430200.000	12.259	17.691	27.941	5702.808	6628.066	3.661	4507.085
175.352	1.001	14.800						
11/14/2016 9:35:00 PM	430500.000	12.258	17.691	27.940	5702.810	6628.095	3.661	4507.105
175.352	1.001	14.799						
11/14/2016 9:40:00 PM	430800.000	12.264	17.691	27.953	5703.189	6628.522	3.661	4507.396
175.340	1.001	14.798						
11/14/2016 9:45:00 PM	431100.000	12.257	17.691	27.938	5704.541	6630.182	3.662	4508.524
175.299	1.001	14.798						
11/14/2016 9:50:00 PM	431400.000	12.260	17.692	27.945	5703.927	6629.292	3.661	4507.919
175.318	1.001	14.800						
11/14/2016 9:55:00 PM	431700.000	12.259	17.692	27.942	5705.291	6630.915	3.662	4509.023
175.276	1.001	14.801						
11/14/2016 10:00:00 PM	432000.000	12.259	17.692	27.941	5704.813	6630.332	3.662	4508.626
175.291	1.001	14.803						
11/14/2016 10:05:00 PM	432300.000	12.259	17.691	27.942	5707.601	6633.729	3.664	4510.936
175.205	1.001	14.802						
11/14/2016 10:10:00 PM	432600.000	12.260	17.691	27.945	5707.622	6633.688	3.664	4510.909
175.204	1.001	14.802						
11/14/2016 10:15:00 PM	432900.000	12.256	17.691	27.936	5715.795	6643.238	3.670	4517.402
174.954	1.001	14.801						
11/14/2016 10:20:00 PM	433200.000	12.261	17.691	27.946	5728.875	6658.428	3.679	4527.732
174.554	1.001	14.800						
11/14/2016 10:25:00 PM	433500.000	12.261	17.691	27.947	5745.773	6677.977	3.690	4541.025
174.041	1.001	14.799						
11/14/2016 10:30:00 PM	433800.000	12.263	17.690	27.950	5759.776	6694.408	3.700	4552.198
173.618	1.001	14.799						
11/14/2016 10:35:00 PM	434100.000	12.260	17.691	27.945	5774.276	6711.208	3.710	4563.622
173.182	1.001	14.799						
11/14/2016 10:40:00 PM	434400.000	12.260	17.691	27.944	5788.467	6727.690	3.720	4574.829
172.757	1.002	14.799						
11/14/2016 10:45:00 PM	434700.000	12.260	17.691	27.944	5799.663	6740.702	3.727	4583.678
172.424	1.002	14.800						
11/14/2016 10:50:00 PM	435000.000	12.261	17.691	27.946	5810.202	6752.924	3.734	4591.989
172.111	1.002	14.798						
11/14/2016 10:55:00 PM	435300.000	12.257	17.691	27.938	5822.472	6767.185	3.743	4601.686
171.748	1.002	14.797						
11/14/2016 11:00:00 PM	435600.000	12.264	17.690	27.953	5832.907	6779.393	3.750	4609.988
171.441	1.002	14.795						
11/14/2016 11:05:00 PM	435900.000	12.258	17.691	27.939	5838.766	6786.163	3.754	4614.591
171.269	1.002	14.798						
11/14/2016 11:10:00 PM	436200.000	12.261	17.691	27.947	5847.060	6795.802	3.760	4621.145
171.026	1.002	14.800						
11/14/2016 11:15:00 PM	436500.000	12.258	17.691	27.941	5857.119	6807.480	3.767	4629.087
170.732	1.002	14.802						
11/14/2016 11:20:00 PM	436800.000	12.257	17.690	27.938	5863.582	6815.084	3.771	4634.257
170.544	1.002	14.803						
11/14/2016 11:25:00 PM	437100.000	12.251	17.691	27.924	5871.534	6824.195	3.777	4640.453
170.313	1.002	14.804						
11/14/2016 11:30:00 PM	437400.000	12.253	17.690	27.929	5877.774	6831.541	3.781	4645.448
170.132	1.002	14.805						
11/14/2016 11:35:00 PM	437700.000	12.259	17.690	27.943	5884.193	6839.014	3.785	4650.529
169.947	1.002	14.803						
11/14/2016 11:40:00 PM	438000.000	12.262	17.690	27.950	5890.355	6846.176	3.790	4655.400
169.769	1.002	14.801						
11/14/2016 11:45:00 PM	438300.000	12.259	17.691	27.941	5896.167	6852.903	3.794	4659.975
169.602	1.002	14.799						
11/14/2016 11:50:00 PM	438600.000	12.263	17.690	27.950	5902.097	6859.863	3.798	4664.707
169.431	1.002	14.800						
11/14/2016 11:55:00 PM	438900.000	12.257	17.691	27.938	5907.261	6865.785	3.801	4668.734
169.283	1.002	14.800						
11/15/2016 12:00:00 AM	439200.000	12.257	17.691	27.938	5911.264	6870.412	3.804	4671.880
169.169	1.002	14.801						
11/15/2016 12:05:00 AM	439500.000	12.262	17.691	27.949	5917.576	6877.774	3.808	4676.887
168.988	1.002	14.801						
11/15/2016 12:10:00 AM	439800.000	12.262	17.691	27.949	5922.639	6883.659	3.812	4680.888
168.844	1.002	14.800						
11/15/2016 12:15:00 AM	440100.000	12.259	17.691	27.943	5927.497	6889.291	3.815	4684.718
168.705	1.002	14.800						
11/15/2016 12:20:00 AM	440400.000	12.262	17.690	27.949	5933.568	6896.441	3.819	4689.581
168.533	1.002	14.800						
11/15/2016 12:25:00 AM	440700.000	12.257	17.691	27.937	5936.763	6900.074	3.821	4692.050
168.442	1.002	14.801						
11/15/2016 12:30:00 AM	441000.000	12.262	17.691	27.950	5940.662	6904.540	3.824	4695.087
168.331	1.002	14.801						
11/15/2016 12:35:00 AM	441300.000	12.258	17.691	27.941	5945.917	6910.700	3.828	4699.276
168.183	1.002	14.800						
11/15/2016 12:40:00 AM	441600.000	12.264	17.691	27.952	5950.817	6916.395	3.831	4703.149
168.044	1.002	14.800						
11/15/2016 12:45:00 AM	441900.000	12.261	17.690	27.946	5954.669	6920.965	3.834	4706.256
167.935	1.002	14.799						
11/15/2016 12:50:00 AM	442200.000	12.268	17.691	27.962	5958.971	6925.818	3.837	4709.557
167.814	1.002	14.799						
11/15/2016 12:55:00 AM	442500.000	12.264	17.691	27.952	5962.057	6929.484	3.839	4712.049
167.727	1.002	14.798						
11/15/2016 1:00:00 AM	442800.000	12.269	17.691	27.965	5965.995	6934.036	3.842	4715.145
167.617	1.002	14.797						
11/15/2016 1:05:00 AM	443100.000	12.270	17.691	27.968	5969.355	6937.955	3.844	4717.810
167.522	1.002	14.799						
11/15/2016 1:10:00 AM	443400.000	12.264	17.691	27.954	5974.053	6943.415	3.847	4721.523
167.391	1.002	14.801						
11/15/2016 1:15:00 AM	443700.000	12.267	17.691	27.961	5976.831	6946.630	3.849	4723.708
167.313	1.002	14.802						

11/15/2016 1:20:00 AM	444000.000	12.266	17.691	27.959	5981.718	6952.282	3.852	4727.552	
167.176	1.002	14.804							
11/15/2016 1:25:00 AM	444300.000	12.264	17.691	27.952	5983.623	6954.549	3.854	4729.094	
167.123	1.002	14.805							
11/15/2016 1:30:00 AM	444600.000	12.265	17.691	27.956	5986.839	6958.276	3.856	4731.627	
167.033	1.002	14.806							
11/15/2016 1:35:00 AM	444900.000	12.262	17.691	27.950	5991.501	6963.640	3.859	4735.275	
166.903	1.002	14.805							
11/15/2016 1:40:00 AM	445200.000	12.264	17.690	27.954	5990.971	6963.105	3.859	4734.912	
166.918	1.002	14.804							
11/15/2016 1:45:00 AM	445500.000	12.270	17.691	27.967	5994.842	6967.589	3.861	4737.961	
166.810	1.002	14.802							
11/15/2016 1:50:00 AM	445800.000	12.268	17.691	27.963	5999.473	6972.971	3.865	4741.621	
166.681	1.002	14.803							
11/15/2016 1:55:00 AM	446100.000	12.270	17.690	27.967	6001.293	6975.143	3.866	4743.097	
166.631	1.002	14.804							
11/15/2016 2:00:00 AM	446400.000	12.269	17.691	27.964	6004.044	6978.258	3.868	4745.216	
166.554	1.002	14.804							
11/15/2016 2:05:00 AM	446700.000	12.271	17.691	27.970	6005.980	6980.496	3.869	4746.737	
166.501	1.002	14.801							
11/15/2016 2:10:00 AM	447000.000	12.268	17.691	27.963	6008.330	6983.266	3.871	4748.621	
166.436	1.002	14.799							
11/15/2016 2:15:00 AM	447300.000	12.275	17.691	27.978	6009.625	6984.703	3.872	4749.599	
166.400	1.002	14.796							
11/15/2016 2:20:00 AM	447600.000	12.275	17.690	27.978	6012.847	6988.557	3.874	4752.219	
166.311	1.002	14.798							
11/15/2016 2:25:00 AM	447900.000	12.274	17.691	27.976	6015.241	6991.287	3.875	4754.076	
166.244	1.002	14.799							
11/15/2016 2:30:00 AM	448200.000	12.272	17.691	27.971	6016.057	6992.220	3.876	4754.710	
166.222	1.002	14.801							
11/15/2016 2:35:00 AM	448500.000	12.273	17.691	27.974	6017.381	6993.747	3.877	4755.748	
166.185	1.002	14.803							
11/15/2016 2:40:00 AM	448800.000	12.266	17.690	27.959	6021.348	6998.425	3.880	4758.929	
166.076	1.002	14.805							
11/15/2016 2:45:00 AM	449100.000	12.271	17.691	27.969	6021.716	6998.785	3.880	4759.174	
166.066	1.002	14.807							
11/15/2016 2:50:00 AM	449400.000	12.266	17.691	27.959	6023.066	7000.354	3.881	4760.241	
166.028	1.002	14.806							
11/15/2016 2:55:00 AM	449700.000	12.270	17.691	27.967	6027.072	7005.049	3.884	4763.434	
165.918	1.002	14.805							
11/15/2016 3:00:00 AM	450000.000	12.269	17.691	27.965	6028.127	7006.208	3.884	4764.222	
165.889	1.002	14.804							
11/15/2016 3:05:00 AM	450300.000	12.269	17.691	27.965	6028.541	7006.729	3.885	4764.577	
165.878	1.002	14.803							
11/15/2016 3:10:00 AM	450600.000	12.270	17.691	27.967	6031.569	7010.237	3.887	4766.961	
165.794	1.002	14.803							
11/15/2016 3:15:00 AM	450900.000	12.271	17.691	27.970	6034.273	7013.407	3.889	4769.117	
165.720	1.002	14.802							
11/15/2016 3:20:00 AM	451200.000	12.270	17.691	27.968	6034.376	7013.527	3.889	4769.198	
165.717	1.002	14.804							
11/15/2016 3:25:00 AM	451500.000	12.270	17.691	27.967	6035.421	7014.714	3.889	4770.006	
165.689	1.002	14.805							
11/15/2016 3:30:00 AM	451800.000	12.263	17.691	27.951	6036.427	7015.896	3.890	4770.810	
165.661	1.002	14.807							
11/15/2016 3:35:00 AM	452100.000	12.272	17.691	27.972	6038.321	7018.097	3.891	4772.307	
165.609	1.002	14.803							
11/15/2016 3:40:00 AM	452400.000	12.277	17.691	27.983	6039.638	7019.627	3.892	4773.347	
165.573	1.002	14.799							
11/15/2016 3:45:00 AM	452700.000	12.276	17.691	27.981	6040.495	7020.596	3.893	4774.005	
165.549	1.002	14.795							
11/15/2016 3:50:00 AM	453000.000	12.273	17.691	27.974	6041.541	7021.785	3.894	4774.814	
165.521	1.002	14.796							
11/15/2016 3:55:00 AM	453300.000	12.273	17.691	27.974	6041.954	7022.292	3.894	4775.159	
165.509	1.002	14.796							
11/15/2016 4:00:00 AM	453600.000	12.278	17.690	27.985	6043.412	7024.082	3.895	4776.376	
165.469	1.002	14.797							
11/15/2016 4:05:00 AM	453900.000	12.277	17.691	27.983	6043.386	7023.942	3.895	4776.281	
165.470	1.002	14.798							
11/15/2016 4:10:00 AM	454200.000	12.275	17.691	27.979	6044.769	7025.563	3.896	4777.383	
165.432	1.002	14.799							
11/15/2016 4:15:00 AM	454500.000	12.272	17.690	27.971	6045.657	7026.691	3.896	4778.150	
165.408	1.002	14.799							
11/15/2016 4:20:00 AM	454800.000	12.277	17.690	27.982	6046.199	7027.295	3.897	4778.561	
165.393	1.002	14.799							
11/15/2016 4:25:00 AM	455100.000	12.277	17.691	27.983	6046.520	7027.613	3.897	4778.777	
165.384	1.002	14.799							
11/15/2016 4:30:00 AM	455400.000	12.277	17.691	27.984	6047.112	7028.302	3.897	4779.246	
165.368	1.002	14.798							
11/15/2016 4:35:00 AM	455700.000	12.274	17.691	27.976	6047.562	7028.824	3.898	4779.601	
165.356	1.002	14.799							
11/15/2016 4:40:00 AM	456000.000	12.280	17.690	27.990	6049.150	7030.726	3.899	4780.894	
165.312	1.002	14.799							
11/15/2016 4:45:00 AM	456300.000	12.280	17.691	27.990	6048.949	7030.437	3.899	4780.697	
165.318	1.002	14.799							
11/15/2016 4:50:00 AM	456600.000	12.274	17.691	27.976	6050.657	7032.408	3.900	4782.037	
165.271	1.002	14.799							
11/15/2016 4:55:00 AM	456900.000	12.275	17.691	27.979	6050.710	7032.496	3.900	4782.097	
165.270	1.002	14.800							
11/15/2016 5:00:00 AM	457200.000	12.271	17.691	27.969	6050.423	7032.163	3.900	4781.871	
165.278	1.002	14.801							
11/15/2016 5:05:00 AM	457500.000	12.278	17.691	27.986	6050.543	7032.302	3.900	4781.966	
165.274	1.002	14.799							
11/15/2016 5:10:00 AM	457800.000	12.279	17.691	27.988	6051.469	7033.351	3.900	4782.679	
165.249	1.002	14.797							
11/15/2016 5:15:00 AM	458100.000	12.282	17.690	27.994	6052.456	7034.621	3.901	4783.542	
165.222	1.002	14.795							
11/15/2016 5:20:00 AM	458400.000	12.281	17.690	27.992	6052.502	7034.622	3.901	4783.543	
165.221	1.002	14.796							
11/15/2016 5:25:00 AM	458700.000	12.280	17.691	27.989	6053.748	7035.958	3.902	4784.452	
165.187	1.002	14.798							
11/15/2016 5:30:00 AM	459000.000	12.280	17.691	27.990	6052.750	7034.867	3.901	4783.710	
165.214	1.002	14.799							
11/15/2016 5:35:00 AM	459300.000	12.279	17.691	27.988	6052.477	7034.576	3.901	4783.512	
165.222	1.002	14.799							
11/15/2016 5:40:00 AM	459600.000	12.278	17.691	27.985	6053.526	7035.687	3.902	4784.268	
165.193	1.002	14.800							
11/15/2016 5:45:00 AM	459900.000	12.279	17.691	27.989	6054.028	7036.340	3.902	4784.712	
165.179	1.002	14.801							
11/15/2016 5:50:00 AM	460200.000	12.281	17.691	27.992	6054.040	7036.393	3.902	4784.748	
165.179	1.002	14.799							
11/15/2016 5:55:00 AM	460500.000	12.284	17.691	27.999	6053.618	7035.848	3.902	4784.377	
165.190	1.002	14.797							
11/15/2016 6:00:00 AM	460800.000	12.285	17.691	28.001	6053.343	7035.544	3.902	4784.170	
165.198	1.002	14.795							
11/15/2016 6:05:00 AM	461100.000	12.284	17.691	27.998	6054.183	7036.547	3.902	4784.853	
165.175	1.002	14.796							
11/15/2016 6:10:00 AM	461400.000	12.283	17.691	27.997	6053.620	7035.837	3.902	4784.370	
165.190	1.002	14.798							
11/15/2016 6:15:00 AM	461700.000	12.280	17.691	27.990	6055.374	7037.875	3.903	4785.755	
165.143	1.002	14.800							
11/15/2016 6:20:00 AM	462000.000	12.281	17.691	27.992	6054.628	7037.050	3.903	4785.194	
165.163	1.002	14.800							
11/15/2016 6:25:00 AM	462300.000	12.283	17.691	27.998	6054.570	7036.983	3.903	4785.148	
165.164	1.002	14.800							
11/15/2016 6:30:00 AM	462600.000	12.280	17.691	27.990	6054.974	7037.411	3.903	4785.439	
165.153	1.002	14.800							
11/15/2016 6:35:00 AM	462900.000	12.283	17.691	27.997	6053.912	7036.244	3.902	4784.646	
165.182	1.002	14.800							
11/15/2016 6:40:00 AM	463200.000	12.280	17.691	27.990	6054.518	7036.921	3.903	4785.106	
165.166	1.002	14.800							
11/15/2016 6:45:00 AM	463500.000	12.280	17.691	27.990	6052.036	7033.969	3.901	4783.099	
165.234	1.002	14.800							
11/15/2016 6:50:00 AM	463800.000	12.281	17.691	27.992	6042.445	7022.877	3.894	4775.557	

165.496	1.002	14.800						
11/15/2016 6:55:00 AM	464100.000	12.278	17.691	27.985	6028.562	7006.660	3.885	4764.529
165.877	1.002	14.799						
11/15/2016 7:00:00 AM	464400.000	12.284	17.691	27.998	6011.605	6986.978	3.873	4751.146
166.345	1.002	14.798						
11/15/2016 7:05:00 AM	464700.000	12.283	17.691	27.997	5998.274	6971.499	3.864	4740.619
166.715	1.002	14.797						
11/15/2016 7:10:00 AM	465000.000	12.286	17.691	28.003	5984.134	6955.049	3.854	4729.434
167.109	1.002	14.796						
11/15/2016 7:15:00 AM	465300.000	12.287	17.692	28.005	5968.785	6937.159	3.843	4717.269
167.538	1.002	14.795						
11/15/2016 7:20:00 AM	465600.000	12.284	17.692	28.000	5958.264	6924.931	3.836	4708.954
167.834	1.002	14.796						
11/15/2016 7:25:00 AM	465900.000	12.283	17.691	27.997	5947.642	6912.692	3.829	4700.631
168.134	1.002	14.797						
11/15/2016 7:30:00 AM	466200.000	12.282	17.692	27.995	5936.984	6900.198	3.822	4692.135
168.436	1.002	14.798						
11/15/2016 7:35:00 AM	466500.000	12.284	17.692	27.998	5926.570	6888.055	3.814	4683.877
168.732	1.002	14.796						
11/15/2016 7:40:00 AM	466800.000	12.284	17.692	28.000	5918.567	6878.779	3.809	4677.570
168.960	1.002	14.794						
11/15/2016 7:45:00 AM	467100.000	12.285	17.691	28.001	5910.390	6869.356	3.803	4671.162
169.194	1.002	14.793						
11/15/2016 7:50:00 AM	467400.000	12.285	17.691	28.002	5902.280	6859.915	3.798	4664.743
169.426	1.002	14.792						
11/15/2016 7:55:00 AM	467700.000	12.282	17.691	27.994	5895.066	6851.505	3.793	4659.024
169.633	1.002	14.792						
11/15/2016 8:00:00 AM	468000.000	12.285	17.691	28.002	5887.082	6842.250	3.787	4652.730
169.863	1.002	14.792						
11/15/2016 8:05:00 AM	468300.000	12.278	17.692	27.985	5879.823	6833.736	3.782	4646.941
170.073	1.002	14.793						
11/15/2016 8:10:00 AM	468600.000	12.281	17.691	27.993	5872.085	6824.888	3.777	4640.924
170.297	1.002	14.795						
11/15/2016 8:15:00 AM	468900.000	12.281	17.692	27.992	5865.603	6817.196	3.772	4635.693
170.485	1.002	14.796						
11/15/2016 8:20:00 AM	469200.000	12.284	17.692	27.999	5859.248	6809.850	3.768	4630.699
170.670	1.002	14.794						
11/15/2016 8:25:00 AM	469500.000	12.285	17.692	28.001	5852.731	6802.263	3.764	4625.539
170.860	1.002	14.792						
11/15/2016 8:30:00 AM	469800.000	12.286	17.691	28.003	5844.527	6792.753	3.758	4619.072
171.100	1.002	14.789						
11/15/2016 8:35:00 AM	470100.000	12.283	17.691	27.997	5838.577	6785.837	3.754	4614.370
171.275	1.002	14.793						
11/15/2016 8:40:00 AM	470400.000	12.280	17.691	27.991	5833.947	6780.535	3.751	4610.765
171.411	1.002	14.797						
11/15/2016 8:45:00 AM	470700.000	12.276	17.691	27.981	5827.020	6772.419	3.746	4605.245
171.614	1.002	14.801						
11/15/2016 8:50:00 AM	471000.000	12.274	17.691	27.976	5822.776	6767.473	3.743	4601.881
171.739	1.002	14.800						
11/15/2016 8:55:00 AM	471300.000	12.275	17.691	27.979	5815.229	6758.832	3.738	4596.005
171.962	1.002	14.799						
11/15/2016 9:00:00 AM	471600.000	12.281	17.691	27.993	5810.721	6753.475	3.735	4592.363
172.096	1.002	14.797						
11/15/2016 9:05:00 AM	471900.000	12.280	17.691	27.990	5806.144	6748.181	3.732	4588.763
172.231	1.002	14.798						
11/15/2016 9:10:00 AM	472200.000	12.273	17.692	27.974	5800.565	6741.633	3.728	4584.311
172.397	1.002	14.799						
11/15/2016 9:15:00 AM	472500.000	12.273	17.691	27.975	5795.593	6735.918	3.724	4580.424
172.545	1.002	14.800						
11/15/2016 9:20:00 AM	472800.000	12.275	17.691	27.978	5789.976	6729.416	3.721	4576.002
172.712	1.002	14.800						
11/15/2016 9:25:00 AM	473100.000	12.275	17.691	27.979	5785.510	6724.160	3.717	4572.429
172.846	1.001	14.799						
11/15/2016 9:30:00 AM	473400.000	12.281	17.691	27.991	5782.882	6721.120	3.716	4570.362
172.924	1.001	14.798						
11/15/2016 9:35:00 AM	473700.000	12.276	17.691	27.981	5778.075	6715.573	3.712	4566.589
173.068	1.001	14.798						
11/15/2016 9:40:00 AM	474000.000	12.281	17.691	27.992	5774.849	6711.795	3.710	4564.021
173.165	1.001	14.798						
11/15/2016 9:45:00 AM	474300.000	12.281	17.692	27.992	5768.789	6704.715	3.706	4559.207
173.347	1.001	14.799						
11/15/2016 9:50:00 AM	474600.000	12.274	17.691	27.977	5764.583	6699.853	3.703	4555.900
173.473	1.001	14.800						
11/15/2016 9:55:00 AM	474900.000	12.278	17.691	27.985	5761.403	6696.143	3.701	4553.377
173.569	1.001	14.801						
11/15/2016 10:00:00 AM	475200.000	12.272	17.691	27.972	5759.337	6693.754	3.699	4551.753
173.631	1.001	14.802						
11/15/2016 10:05:00 AM	475500.000	12.273	17.691	27.974	5756.534	6690.575	3.698	4549.591
173.716	1.001	14.802						
11/15/2016 10:10:00 AM	475800.000	12.278	17.692	27.985	5751.158	6684.223	3.694	4545.272
173.878	1.001	14.802						
11/15/2016 10:15:00 AM	476100.000	12.275	17.691	27.979	5748.791	6681.549	3.692	4543.453
173.950	1.001	14.801						
11/15/2016 10:20:00 AM	476400.000	12.279	17.691	27.987	5747.165	6679.621	3.691	4542.143
173.999	1.001	14.800						
11/15/2016 10:25:00 AM	476700.000	12.280	17.691	27.989	5742.145	6673.798	3.688	4538.183
174.151	1.001	14.798						
11/15/2016 10:30:00 AM	477000.000	12.276	17.691	27.981	5738.884	6670.023	3.685	4535.616
174.250	1.001	14.797						
11/15/2016 10:35:00 AM	477300.000	12.278	17.691	27.986	5735.212	6665.794	3.683	4532.740
174.361	1.001	14.798						
11/15/2016 10:40:00 AM	477600.000	12.278	17.691	27.985	5732.267	6662.357	3.681	4530.403
174.451	1.001	14.800						
11/15/2016 10:45:00 AM	477900.000	12.271	17.691	27.969	5731.023	6660.860	3.680	4529.385
174.489	1.001	14.802						
11/15/2016 10:50:00 AM	478200.000	12.272	17.691	27.973	5726.621	6655.781	3.677	4525.931
174.623	1.001	14.800						
11/15/2016 10:55:00 AM	478500.000	12.276	17.691	27.981	5723.828	6652.523	3.675	4523.716
174.708	1.001	14.798						
11/15/2016 11:00:00 AM	478800.000	12.278	17.692	27.985	5722.738	6651.193	3.674	4522.812
174.742	1.001	14.796						
11/15/2016 11:05:00 AM	479100.000	12.272	17.692	27.972	5719.792	6647.741	3.672	4520.464
174.832	1.001	14.795						
11/15/2016 11:10:00 AM	479400.000	12.277	17.692	27.983	5716.271	6643.649	3.670	4517.682
174.939	1.001	14.794						
11/15/2016 11:15:00 AM	479700.000	12.277	17.691	27.984	5714.044	6641.114	3.668	4515.958
175.007	1.001	14.793						
11/15/2016 11:20:00 AM	480000.000	12.276	17.691	27.981	5712.660	6639.504	3.667	4514.863
175.050	1.001	14.792						
11/15/2016 11:25:00 AM	480300.000	12.273	17.692	27.974	5711.199	6637.781	3.666	4513.691
175.095	1.001	14.791						
11/15/2016 11:30:00 AM	480600.000	12.271	17.691	27.970	5709.446	6635.794	3.665	4512.340
175.148	1.001	14.790						
11/15/2016 11:35:00 AM	480900.000	12.278	17.692	27.985	5706.164	6631.930	3.663	4509.713
175.249	1.001	14.789						
11/15/2016 11:40:00 AM	481200.000	12.279	17.691	27.987	5704.299	6629.787	3.662	4508.255
175.306	1.001	14.788						
11/15/2016 11:45:00 AM	481500.000	12.278	17.692	27.986	5702.694	6627.858	3.661	4506.944
175.356	1.001	14.787						
11/15/2016 11:50:00 AM	481800.000	12.272	17.691	27.972	5701.693	6626.809	3.660	4506.230
175.387	1.001	14.787						
11/15/2016 11:55:00 AM	482100.000	12.278	17.691	27.986	5699.362	6624.074	3.658	4504.371
175.458	1.001	14.787						
11/15/2016 12:00:00 PM	482400.000	12.270	17.691	27.968	5698.697	6623.327	3.658	4503.862
175.479	1.001	14.787						
11/15/2016 12:05:00 PM	482700.000	12.275	17.691	27.978	5697.213	6621.590	3.657	4502.682
175.524	1.001	14.785						
11/15/2016 12:10:00 PM	483000.000	12.276	17.691	27.981	5696.038	6620.210	3.656	4501.743
175.561	1.001	14.784						
11/15/2016 12:15:00 PM	483300.000	12.274	17.691	27.975	5693.048	6616.774	3.654	4499.407
175.653	1.001	14.782						
11/15/2016 12:20:00 PM	483600.000	12.274	17.691	27.977	5691.910	6615.438	3.653	4498.499
175.688	1.001	14.781						

11/15/2016 12:25:00 PM	483900.000	12.270	17.691	27.967	5690.725	6613.998	3.652	4497.519
175.725	1.001	14.779						
11/15/2016 12:30:00 PM	484200.000	12.274	17.691	27.976	5688.211	6611.166	3.651	4495.593
175.802	1.001	14.778						
11/15/2016 12:35:00 PM	484500.000	12.274	17.691	27.975	5687.983	6610.824	3.651	4495.360
175.809	1.001	14.777						
11/15/2016 12:40:00 PM	484800.000	12.275	17.691	27.978	5687.641	6610.451	3.650	4495.107
175.820	1.001	14.776						
11/15/2016 12:45:00 PM	485100.000	12.275	17.691	27.978	5686.219	6608.774	3.649	4493.967
175.864	1.001	14.775						
11/15/2016 12:50:00 PM	485400.000	12.270	17.691	27.967	5686.134	6608.739	3.649	4493.943
175.866	1.001	14.774						
11/15/2016 12:55:00 PM	485700.000	12.273	17.691	27.975	5685.438	6607.917	3.649	4493.383
175.888	1.001	14.774						
11/15/2016 1:00:00 PM	486000.000	12.267	17.691	27.961	5684.954	6607.315	3.648	4492.975
175.903	1.001	14.773						
11/15/2016 1:05:00 PM	486300.000	12.270	17.691	27.967	5682.631	6604.654	3.647	4491.165
175.975	1.001	14.771						
11/15/2016 1:10:00 PM	486600.000	12.275	17.691	27.979	5680.703	6602.401	3.646	4489.633
176.035	1.001	14.770						
11/15/2016 1:15:00 PM	486900.000	12.277	17.692	27.982	5681.601	6603.382	3.646	4490.300
176.007	1.001	14.768						
11/15/2016 1:20:00 PM	487200.000	12.272	17.691	27.972	5680.692	6602.454	3.646	4489.669
176.035	1.001	14.767						
11/15/2016 1:25:00 PM	487500.000	12.274	17.691	27.975	5679.921	6601.479	3.645	4489.005
176.059	1.001	14.766						
11/15/2016 1:30:00 PM	487800.000	12.276	17.691	27.980	5678.734	6600.151	3.644	4488.104
176.096	1.001	14.766						
11/15/2016 1:35:00 PM	488100.000	12.270	17.691	27.968	5678.409	6599.747	3.644	4487.828
176.106	1.001	14.767						
11/15/2016 1:40:00 PM	488400.000	12.268	17.692	27.962	5678.282	6599.511	3.644	4487.667
176.110	1.001	14.767						
11/15/2016 1:45:00 PM	488700.000	12.269	17.691	27.965	5679.303	6600.813	3.645	4488.553
176.078	1.001	14.768						
11/15/2016 1:50:00 PM	489000.000	12.262	17.691	27.950	5678.045	6599.286	3.644	4487.515
176.117	1.001	14.769						
11/15/2016 1:55:00 PM	489300.000	12.265	17.692	27.955	5677.283	6598.350	3.643	4486.878
176.141	1.001	14.770						
11/15/2016 2:00:00 PM	489600.000	12.264	17.691	27.953	5676.449	6597.443	3.643	4486.262
176.166	1.001	14.771						
11/15/2016 2:05:00 PM	489900.000	12.267	17.691	27.961	5674.919	6595.627	3.642	4485.026
176.214	1.001	14.768						
11/15/2016 2:10:00 PM	490200.000	12.270	17.691	27.967	5675.304	6596.190	3.642	4485.410
176.202	1.001	14.765						
11/15/2016 2:15:00 PM	490500.000	12.270	17.691	27.968	5675.801	6596.690	3.642	4485.750
176.187	1.001	14.762						
11/15/2016 2:20:00 PM	490800.000	12.265	17.691	27.957	5676.524	6597.557	3.643	4486.338
176.164	1.001	14.763						
11/15/2016 2:25:00 PM	491100.000	12.268	17.691	27.961	5675.420	6596.287	3.642	4485.476
176.198	1.001	14.763						
11/15/2016 2:30:00 PM	491400.000	12.263	17.691	27.951	5674.938	6595.687	3.642	4485.067
176.213	1.001	14.764						
11/15/2016 2:35:00 PM	491700.000	12.263	17.691	27.952	5675.836	6596.809	3.642	4485.830
176.186	1.001	14.764						
11/15/2016 2:40:00 PM	492000.000	12.267	17.691	27.960	5675.542	6596.376	3.642	4485.536
176.195	1.001	14.764						
11/15/2016 2:45:00 PM	492300.000	12.261	17.691	27.948	5674.073	6594.670	3.641	4484.375
176.240	1.001	14.764						
11/15/2016 2:50:00 PM	492600.000	12.267	17.691	27.961	5674.594	6595.275	3.641	4484.788
176.224	1.001	14.765						
11/15/2016 2:55:00 PM	492900.000	12.265	17.691	27.955	5673.930	6594.503	3.641	4484.263
176.245	1.001	14.765						
11/15/2016 3:00:00 PM	493200.000	12.262	17.691	27.950	5675.029	6595.818	3.642	4485.157
176.211	1.001	14.766						
11/15/2016 3:05:00 PM	493500.000	12.260	17.691	27.944	5676.314	6597.339	3.643	4486.191
176.171	1.001	14.764						
11/15/2016 3:10:00 PM	493800.000	12.267	17.691	27.961	5675.267	6596.108	3.642	4485.354
176.203	1.001	14.761						
11/15/2016 3:15:00 PM	494100.000	12.269	17.691	27.965	5677.116	6598.283	3.643	4486.833
176.146	1.001	14.759						
11/15/2016 3:20:00 PM	494400.000	12.267	17.691	27.960	5674.775	6595.563	3.642	4484.982
176.218	1.001	14.760						
11/15/2016 3:25:00 PM	494700.000	12.263	17.691	27.952	5677.015	6598.190	3.643	4486.769
176.149	1.001	14.761						
11/15/2016 3:30:00 PM	495000.000	12.268	17.691	27.962	5676.447	6597.506	3.643	4486.304
176.167	1.001	14.762						
11/15/2016 3:35:00 PM	495300.000	12.268	17.691	27.963	5677.718	6598.982	3.644	4487.309
176.127	1.001	14.762						
11/15/2016 3:40:00 PM	495600.000	12.266	17.691	27.958	5676.043	6596.998	3.642	4485.958
176.179	1.001	14.763						
11/15/2016 3:45:00 PM	495900.000	12.267	17.691	27.961	5675.314	6596.125	3.642	4485.365
176.202	1.001	14.763						
11/15/2016 3:50:00 PM	496200.000	12.261	17.691	27.946	5677.850	6599.110	3.644	4487.395
176.123	1.001	14.764						
11/15/2016 3:55:00 PM	496500.000	12.265	17.691	27.955	5676.151	6597.136	3.642	4486.053
176.176	1.001	14.765						
11/15/2016 4:00:00 PM	496800.000	12.264	17.691	27.954	5676.656	6597.698	3.643	4486.435
176.160	1.001	14.765						
11/15/2016 4:05:00 PM	497100.000	12.264	17.691	27.953	5679.809	6601.401	3.645	4488.953
176.062	1.001	14.766						
11/15/2016 4:10:00 PM	497400.000	12.262	17.691	27.950	5678.320	6599.632	3.644	4487.750
176.108	1.001	14.767						
11/15/2016 4:15:00 PM	497700.000	12.262	17.691	27.948	5679.453	6600.934	3.645	4488.636
176.073	1.001	14.767						
11/15/2016 4:20:00 PM	498000.000	12.261	17.691	27.947	5679.570	6601.070	3.645	4488.728
176.070	1.001	14.767						
11/15/2016 4:25:00 PM	498300.000	12.257	17.691	27.938	5680.582	6602.272	3.646	4489.545
176.038	1.001	14.767						
11/15/2016 4:30:00 PM	498600.000	12.260	17.691	27.945	5683.069	6605.152	3.647	4491.504
175.961	1.001	14.767						
11/15/2016 4:35:00 PM	498900.000	12.263	17.691	27.952	5681.637	6603.499	3.646	4490.380
176.006	1.001	14.766						
11/15/2016 4:40:00 PM	499200.000	12.259	17.691	27.942	5681.744	6603.623	3.646	4490.464
176.002	1.001	14.766						
11/15/2016 4:45:00 PM	499500.000	12.263	17.691	27.951	5684.350	6606.665	3.648	4492.532
175.922	1.001	14.765						
11/15/2016 4:50:00 PM	499800.000	12.266	17.691	27.958	5685.157	6607.617	3.649	4493.179
175.897	1.001	14.764						
11/15/2016 4:55:00 PM	500100.000	12.263	17.691	27.952	5685.076	6607.509	3.649	4493.106
175.899	1.001	14.762						
11/15/2016 5:00:00 PM	500400.000	12.270	17.691	27.968	5686.382	6609.027	3.649	4494.139
175.859	1.001	14.760						
11/15/2016 5:05:00 PM	500700.000	12.261	17.691	27.947	5687.131	6609.911	3.650	4494.740
175.836	1.001	14.763						
11/15/2016 5:10:00 PM	501000.000	12.262	17.691	27.949	5687.593	6610.410	3.650	4495.079
175.821	1.001	14.766						
11/15/2016 5:15:00 PM	501300.000	12.261	17.691	27.946	5689.313	6612.434	3.652	4496.455
175.768	1.001	14.769						
11/15/2016 5:20:00 PM	501600.000	12.255	17.691	27.932	5689.586	6612.738	3.652	4496.662
175.760	1.001	14.769						
11/15/2016 5:25:00 PM	501900.000	12.258	17.691	27.941	5691.750	6615.265	3.653	4498.381
175.693	1.001	14.768						
11/15/2016 5:30:00 PM	502200.000	12.257	17.690	27.937	5691.050	6614.517	3.653	4497.872
175.715	1.001	14.768						
11/15/2016 5:35:00 PM	502500.000	12.259	17.691	27.942	5692.417	6616.028	3.654	4498.899
175.672	1.001	14.767						
11/15/2016 5:40:00 PM	502800.000	12.260	17.691	27.944	5692.540	6616.184	3.654	4499.006
175.669	1.001	14.766						
11/15/2016 5:45:00 PM	503100.000	12.257	17.691	27.937	5694.205	6618.080	3.655	4500.295
175.617	1.001	14.766						
11/15/2016 5:50:00 PM	503400.000	12.261	17.691	27.947	5695.253	6619.261	3.656	4501.097
175.585	1.001	14.765						
11/15/2016 5:55:00 PM	503700.000	12.262	17.691	27.948	5694.894	6618.895	3.655	4500.848

175.596	1.001	14.764							
11/15/2016 6:00:00 PM	504000.000	12.265	17.691	27.955	5696.524	6620.763	3.656	4502.120	
175.546	1.001	14.764							
11/15/2016 6:05:00 PM	504300.000	12.263	17.691	27.951	5696.388	6620.682	3.656	4502.064	
175.550	1.001	14.765							
11/15/2016 6:10:00 PM	504600.000	12.259	17.691	27.941	5697.019	6621.390	3.657	4502.545	
175.530	1.001	14.767							
11/15/2016 6:15:00 PM	504900.000	12.262	17.691	27.948	5698.653	6623.314	3.658	4503.854	
175.480	1.001	14.769							
11/15/2016 6:20:00 PM	505200.000	12.263	17.691	27.951	5698.206	6622.755	3.658	4503.474	
175.494	1.001	14.767							
11/15/2016 6:25:00 PM	505500.000	12.263	17.691	27.950	5698.730	6623.392	3.658	4503.907	
175.478	1.001	14.766							
11/15/2016 6:30:00 PM	505800.000	12.257	17.690	27.939	5699.654	6624.530	3.659	4504.681	
175.449	1.001	14.764							
11/15/2016 6:35:00 PM	506100.000	12.256	17.691	27.936	5700.943	6625.990	3.660	4505.673	
175.410	1.001	14.767							
11/15/2016 6:40:00 PM	506400.000	12.257	17.691	27.938	5700.021	6624.905	3.659	4504.936	
175.438	1.001	14.770							
11/15/2016 6:45:00 PM	506700.000	12.254	17.690	27.931	5700.626	6625.660	3.659	4505.449	
175.419	1.001	14.772							
11/15/2016 6:50:00 PM	507000.000	12.251	17.691	27.923	5702.019	6627.201	3.660	4506.498	
175.376	1.001	14.771							
11/15/2016 6:55:00 PM	507300.000	12.256	17.691	27.935	5702.258	6627.479	3.660	4506.686	
175.369	1.001	14.769							
11/15/2016 7:00:00 PM	507600.000	12.262	17.690	27.948	5702.661	6628.012	3.661	4507.048	
175.357	1.001	14.767							
11/15/2016 7:05:00 PM	507900.000	12.263	17.691	27.952	5702.332	6627.488	3.660	4506.692	
175.367	1.001	14.768							
11/15/2016 7:10:00 PM	508200.000	12.262	17.691	27.948	5702.334	6627.491	3.660	4506.694	
175.367	1.001	14.770							
11/15/2016 7:15:00 PM	508500.000	12.261	17.691	27.946	5703.356	6628.769	3.661	4507.563	
175.335	1.001	14.771							
11/15/2016 7:20:00 PM	508800.000	12.259	17.692	27.943	5703.542	6628.882	3.661	4507.640	
175.330	1.001	14.771							
11/15/2016 7:25:00 PM	509100.000	12.252	17.691	27.927	5702.704	6627.958	3.661	4507.011	
175.355	1.001	14.771							
11/15/2016 7:30:00 PM	509400.000	12.257	17.691	27.937	5704.807	6630.441	3.662	4508.700	
175.291	1.001	14.771							
11/15/2016 7:35:00 PM	509700.000	12.257	17.691	27.937	5704.408	6629.991	3.662	4508.394	
175.303	1.001	14.770							
11/15/2016 7:40:00 PM	510000.000	12.260	17.691	27.945	5706.176	6631.993	3.663	4509.755	
175.249	1.001	14.769							
11/15/2016 7:45:00 PM	510300.000	12.256	17.691	27.936	5706.222	6632.100	3.663	4509.828	
175.247	1.001	14.768							
11/15/2016 7:50:00 PM	510600.000	12.260	17.691	27.944	5706.112	6631.983	3.663	4509.749	
175.251	1.001	14.768							
11/15/2016 7:55:00 PM	510900.000	12.262	17.691	27.948	5708.198	6634.370	3.664	4511.372	
175.187	1.001	14.767							
11/15/2016 8:00:00 PM	511200.000	12.258	17.691	27.941	5706.814	6632.825	3.664	4510.322	
175.229	1.001	14.766							
11/15/2016 8:05:00 PM	511500.000	12.260	17.690	27.945	5708.599	6634.938	3.665	4511.758	
175.174	1.001	14.769							
11/15/2016 8:10:00 PM	511800.000	12.255	17.691	27.932	5708.631	6634.926	3.665	4511.750	
175.173	1.001	14.772							
11/15/2016 8:15:00 PM	512100.000	12.253	17.691	27.929	5709.689	6636.142	3.665	4512.577	
175.141	1.001	14.775							
11/15/2016 8:20:00 PM	512400.000	12.249	17.691	27.920	5710.577	6637.096	3.666	4513.225	
175.114	1.001	14.775							
11/15/2016 8:25:00 PM	512700.000	12.247	17.691	27.915	5709.566	6635.921	3.665	4512.427	
175.145	1.001	14.775							
11/15/2016 8:30:00 PM	513000.000	12.255	17.691	27.933	5713.123	6640.106	3.668	4515.272	
175.036	1.001	14.774							
11/15/2016 8:35:00 PM	513300.000	12.247	17.690	27.914	5710.709	6637.367	3.666	4513.410	
175.110	1.001	14.776							
11/15/2016 8:40:00 PM	513600.000	12.250	17.691	27.923	5711.495	6638.201	3.667	4513.977	
175.086	1.001	14.777							
11/15/2016 8:45:00 PM	513900.000	12.247	17.691	27.914	5713.455	6640.479	3.668	4515.526	
175.025	1.001	14.779							
11/15/2016 8:50:00 PM	514200.000	12.253	17.691	27.928	5712.896	6639.883	3.668	4515.121	
175.043	1.001	14.776							
11/15/2016 8:55:00 PM	514500.000	12.257	17.691	27.937	5713.412	6640.429	3.668	4515.492	
175.027	1.001	14.773							
11/15/2016 9:00:00 PM	514800.000	12.260	17.691	27.944	5711.636	6638.404	3.667	4514.115	
175.081	1.001	14.770							
11/15/2016 9:05:00 PM	515100.000	12.255	17.691	27.934	5711.583	6638.278	3.667	4514.029	
175.083	1.001	14.774							
11/15/2016 9:10:00 PM	515400.000	12.248	17.691	27.918	5713.358	6640.380	3.668	4515.458	
175.028	1.001	14.778							
11/15/2016 9:15:00 PM	515700.000	12.250	17.691	27.921	5713.459	6640.537	3.668	4515.565	
175.025	1.001	14.782							
11/15/2016 9:20:00 PM	516000.000	12.248	17.691	27.917	5715.513	6642.872	3.669	4517.153	
174.962	1.001	14.780							
11/15/2016 9:25:00 PM	516300.000	12.251	17.691	27.925	5714.716	6641.919	3.669	4516.506	
174.987	1.001	14.777							
11/15/2016 9:30:00 PM	516600.000	12.257	17.690	27.938	5715.209	6642.597	3.669	4516.966	
174.972	1.001	14.775							
11/15/2016 9:35:00 PM	516900.000	12.256	17.691	27.936	5714.140	6641.314	3.669	4516.094	
175.004	1.001	14.777							
11/15/2016 9:40:00 PM	517200.000	12.250	17.691	27.921	5714.628	6641.870	3.669	4516.472	
174.990	1.001	14.779							
11/15/2016 9:45:00 PM	517500.000	12.247	17.691	27.914	5714.956	6642.237	3.669	4516.721	
174.979	1.001	14.781							
11/15/2016 9:50:00 PM	517800.000	12.251	17.691	27.924	5715.326	6642.693	3.669	4517.032	
174.968	1.001	14.780							
11/15/2016 9:55:00 PM	518100.000	12.249	17.690	27.919	5714.647	6641.944	3.669	4516.522	
174.989	1.001	14.780							
11/15/2016 10:00:00 PM	518400.000	12.250	17.691	27.921	5718.700	6646.563	3.672	4519.664	
174.865	1.001	14.780							
11/15/2016 10:05:00 PM	518700.000	12.255	17.691	27.933	5726.820	6656.065	3.677	4526.125	
174.617	1.001	14.781							
11/15/2016 10:10:00 PM	519000.000	12.249	17.690	27.919	5746.466	6678.950	3.691	4541.686	
174.020	1.001	14.782							
11/15/2016 10:15:00 PM	519300.000	12.252	17.691	27.927	5763.503	6698.702	3.702	4555.118	
173.506	1.001	14.783							
11/15/2016 10:20:00 PM	519600.000	12.254	17.690	27.931	5777.253	6714.708	3.712	4566.002	
173.093	1.001	14.783							
11/15/2016 10:25:00 PM	519900.000	12.255	17.690	27.933	5791.847	6731.721	3.722	4577.570	
172.657	1.002	14.783							
11/15/2016 10:30:00 PM	520200.000	12.251	17.691	27.924	5805.295	6747.275	3.731	4588.147	
172.257	1.002	14.782							
11/15/2016 10:35:00 PM	520500.000	12.253	17.691	27.928	5818.146	6762.170	3.740	4598.276	
171.876	1.002	14.784							
11/15/2016 10:40:00 PM	520800.000	12.248	17.690	27.916	5828.159	6773.913	3.747	4606.261	
171.581	1.002	14.785							
11/15/2016 10:45:00 PM	521100.000	12.250	17.690	27.921	5839.292	6786.840	3.754	4615.051	
171.254	1.002	14.786							
11/15/2016 10:50:00 PM	521400.000	12.247	17.690	27.914	5847.556	6796.445	3.760	4621.583	
171.012	1.002	14.784							
11/15/2016 10:55:00 PM	521700.000	12.253	17.691	27.928	5855.849	6806.017	3.766	4628.092	
170.769	1.002	14.782							
11/15/2016 11:00:00 PM	522000.000	12.251	17.690	27.924	5865.193	6816.931	3.772	4635.513	
170.497	1.002	14.780							
11/15/2016 11:05:00 PM	522300.000	12.247	17.690	27.915	5872.822	6825.852	3.778	4641.579	
170.276	1.002	14.783							
11/15/2016 11:10:00 PM	522600.000	12.251	17.690	27.923	5880.286	6834.460	3.783	4647.433	
170.060	1.002	14.785							
11/15/2016 11:15:00 PM	522900.000	12.248	17.691	27.916	5887.297	6842.593	3.787	4652.964	
169.857	1.002	14.788							
11/15/2016 11:20:00 PM	523200.000	12.249	17.690	27.919	5892.998	6849.260	3.791	4657.498	
169.693	1.002	14.784							
11/15/2016 11:25:00 PM	523500.000	12.250	17.691	27.921	5900.200	6857.564	3.796	4663.144	
169.486	1.002	14.781							

11/15/2016 11:30:00 PM	523800.000	12.252	17.690	27.925	5907.417	6866.046	3.801	4668.912
169.279	1.002	14.778						
11/15/2016 11:35:00 PM	524100.000	12.255	17.691	27.934	5913.110	6872.595	3.805	4673.365
169.116	1.002	14.780						
11/15/2016 11:40:00 PM	524400.000	12.255	17.690	27.933	5919.866	6880.463	3.810	4678.715
168.923	1.002	14.782						
11/15/2016 11:45:00 PM	524700.000	12.248	17.690	27.917	5924.483	6885.868	3.813	4682.391
168.791	1.002	14.783						
11/15/2016 11:50:00 PM	525000.000	12.253	17.690	27.929	5930.500	6892.822	3.817	4687.120
168.620	1.002	14.781						
11/15/2016 11:55:00 PM	525300.000	12.254	17.691	27.932	5936.253	6899.455	3.821	4691.629
168.456	1.002	14.779						
11/16/2016 12:00:00 AM	525600.000	12.253	17.691	27.928	5939.535	6903.282	3.823	4694.231
168.363	1.002	14.777						
11/16/2016 12:05:00 AM	525900.000	12.253	17.691	27.928	5943.591	6908.011	3.826	4697.447
168.248	1.002	14.778						
11/16/2016 12:10:00 AM	526200.000	12.251	17.690	27.925	5948.027	6913.207	3.829	4700.980
168.123	1.002	14.779						
11/16/2016 12:15:00 AM	526500.000	12.251	17.691	27.924	5953.360	6919.376	3.833	4705.176
167.972	1.002	14.780						
11/16/2016 12:20:00 AM	526800.000	12.253	17.690	27.928	5958.002	6924.839	3.836	4708.891
167.842	1.002	14.779						
11/16/2016 12:25:00 AM	527100.000	12.260	17.691	27.944	5962.214	6929.641	3.839	4712.156
167.723	1.002	14.779						
11/16/2016 12:30:00 AM	527400.000	12.259	17.690	27.942	5966.602	6934.794	3.842	4715.661
167.600	1.002	14.778						
11/16/2016 12:35:00 AM	527700.000	12.255	17.690	27.933	5971.552	6940.562	3.845	4719.582
167.461	1.002	14.779						
11/16/2016 12:40:00 AM	528000.000	12.257	17.691	27.938	5973.510	6942.796	3.847	4721.101
167.406	1.002	14.779						
11/16/2016 12:45:00 AM	528300.000	12.259	17.690	27.943	5977.136	6947.026	3.849	4723.978
167.304	1.002	14.780						
11/16/2016 12:50:00 AM	528600.000	12.260	17.691	27.944	5980.536	6950.950	3.852	4726.646
167.209	1.002	14.780						
11/16/2016 12:55:00 AM	528900.000	12.255	17.691	27.932	5982.873	6953.651	3.853	4728.483
167.144	1.002	14.780						
11/16/2016 1:00:00 AM	529200.000	12.255	17.690	27.934	5986.369	6957.757	3.856	4731.275
167.046	1.002	14.780						
11/16/2016 1:05:00 AM	529500.000	12.260	17.691	27.945	5987.679	6959.264	3.856	4732.299
167.010	1.002	14.780						
11/16/2016 1:10:00 AM	529800.000	12.260	17.691	27.945	5988.370	6960.067	3.857	4732.846
166.990	1.002	14.780						
11/16/2016 1:15:00 AM	530100.000	12.262	17.691	27.949	5991.469	6963.615	3.859	4735.259
166.904	1.002	14.779						
11/16/2016 1:20:00 AM	530400.000	12.263	17.690	27.952	5994.469	6967.185	3.861	4737.686
166.820	1.002	14.778						
11/16/2016 1:25:00 AM	530700.000	12.261	17.691	27.945	5994.616	6967.327	3.861	4737.783
166.816	1.002	14.777						
11/16/2016 1:30:00 AM	531000.000	12.263	17.691	27.951	5998.436	6971.755	3.864	4740.794
166.710	1.002	14.775						
11/16/2016 1:35:00 AM	531300.000	12.268	17.690	27.963	5999.329	6972.832	3.865	4741.526
166.685	1.002	14.774						
11/16/2016 1:40:00 AM	531600.000	12.263	17.691	27.952	6004.064	6978.296	3.868	4745.242
166.554	1.002	14.773						
11/16/2016 1:45:00 AM	531900.000	12.264	17.690	27.954	6007.353	6982.146	3.870	4747.859
166.463	1.002	14.772						
11/16/2016 1:50:00 AM	532200.000	12.263	17.690	27.951	6007.521	6982.341	3.870	4747.993
166.458	1.002	14.775						
11/16/2016 1:55:00 AM	532500.000	12.265	17.690	27.957	6009.845	6985.055	3.872	4749.837
166.394	1.002	14.777						
11/16/2016 2:00:00 AM	532800.000	12.264	17.690	27.953	6011.398	6986.955	3.873	4751.129
166.351	1.002	14.779						
11/16/2016 2:05:00 AM	533100.000	12.259	17.690	27.942	6014.774	6990.824	3.875	4753.761
166.257	1.002	14.779						
11/16/2016 2:10:00 AM	533400.000	12.264	17.691	27.954	6016.082	6992.222	3.876	4754.711
166.221	1.002	14.779						
11/16/2016 2:15:00 AM	533700.000	12.262	17.691	27.948	6018.146	6994.675	3.877	4756.379
166.164	1.002	14.779						
11/16/2016 2:20:00 AM	534000.000	12.265	17.690	27.955	6020.875	6997.915	3.879	4758.583
166.089	1.002	14.779						
11/16/2016 2:25:00 AM	534300.000	12.265	17.690	27.955	6021.589	6998.732	3.880	4759.139
166.069	1.002	14.778						
11/16/2016 2:30:00 AM	534600.000	12.260	17.690	27.944	6023.927	7001.422	3.881	4760.968
166.005	1.002	14.777						
11/16/2016 2:35:00 AM	534900.000	12.268	17.691	27.962	6027.279	7005.251	3.884	4763.571
165.912	1.002	14.776						
11/16/2016 2:40:00 AM	535200.000	12.267	17.690	27.961	6027.466	7005.536	3.884	4763.764
165.907	1.002	14.775						
11/16/2016 2:45:00 AM	535500.000	12.268	17.691	27.963	6028.979	7007.227	3.885	4764.915
165.866	1.002	14.774						
11/16/2016 2:50:00 AM	535800.000	12.270	17.691	27.967	6030.706	7009.247	3.886	4766.288
165.818	1.002	14.773						
11/16/2016 2:55:00 AM	536100.000	12.271	17.690	27.970	6031.163	7009.819	3.886	4766.677
165.805	1.002	14.772						
11/16/2016 3:00:00 AM	536400.000	12.268	17.690	27.962	6033.538	7012.605	3.888	4768.572
165.740	1.002	14.771						
11/16/2016 3:05:00 AM	536700.000	12.269	17.691	27.964	6034.967	7014.225	3.889	4769.673
165.701	1.002	14.772						
11/16/2016 3:10:00 AM	537000.000	12.269	17.691	27.964	6034.897	7014.064	3.889	4769.564
165.703	1.002	14.774						
11/16/2016 3:15:00 AM	537300.000	12.268	17.690	27.962	6037.265	7016.924	3.891	4771.509
165.638	1.002	14.775						
11/16/2016 3:20:00 AM	537600.000	12.267	17.691	27.959	6037.785	7017.474	3.891	4771.882
165.624	1.002	14.776						
11/16/2016 3:25:00 AM	537900.000	12.263	17.691	27.950	6039.976	7020.047	3.893	4773.632
165.564	1.002	14.777						
11/16/2016 3:30:00 AM	538200.000	12.262	17.691	27.950	6040.099	7020.163	3.893	4773.711
165.560	1.002	14.777						
11/16/2016 3:35:00 AM	538500.000	12.270	17.690	27.967	6040.209	7020.360	3.893	4773.845
165.557	1.002	14.776						
11/16/2016 3:40:00 AM	538800.000	12.270	17.691	27.968	6041.144	7021.392	3.893	4774.547
165.532	1.002	14.774						
11/16/2016 3:45:00 AM	539100.000	12.271	17.690	27.970	6042.705	7023.261	3.894	4775.817
165.489	1.002	14.772						
11/16/2016 3:50:00 AM	539400.000	12.271	17.691	27.969	6044.553	7025.367	3.896	4777.250
165.438	1.002	14.773						
11/16/2016 3:55:00 AM	539700.000	12.266	17.691	27.959	6044.097	7024.836	3.895	4776.889
165.451	1.002	14.774						
11/16/2016 4:00:00 AM	540000.000	12.264	17.690	27.953	6045.039	7025.946	3.896	4777.644
165.425	1.002	14.774						
11/16/2016 4:05:00 AM	540300.000	12.272	17.690	27.971	6046.811	7028.032	3.897	4779.063
165.376	1.002	14.772						
11/16/2016 4:10:00 AM	540600.000	12.268	17.691	27.963	6046.123	7027.165	3.897	4778.473
165.395	1.002	14.771						
11/16/2016 4:15:00 AM	540900.000	12.275	17.690	27.978	6046.080	7027.183	3.897	4778.485
165.396	1.002	14.769						
11/16/2016 4:20:00 AM	541200.000	12.272	17.691	27.972	6045.685	7026.682	3.896	4778.144
165.407	1.002	14.771						
11/16/2016 4:25:00 AM	541500.000	12.265	17.691	27.956	6046.813	7027.939	3.897	4779.000
165.376	1.002	14.774						
11/16/2016 4:30:00 AM	541800.000	12.269	17.691	27.965	6047.649	7028.926	3.898	4779.670
165.354	1.002	14.776						
11/16/2016 4:35:00 AM	542100.000	12.264	17.691	27.953	6048.312	7029.723	3.898	4780.212
165.335	1.002	14.776						
11/16/2016 4:40:00 AM	542400.000	12.268	17.690	27.962	6047.589	7028.952	3.898	4779.688
165.355	1.002	14.776						
11/16/2016 4:45:00 AM	542700.000	12.269	17.690	27.966	6048.664	7030.160	3.899	4780.509
165.326	1.002	14.777						
11/16/2016 4:50:00 AM	543000.000	12.265	17.691	27.956	6048.941	7030.413	3.899	4780.681
165.318	1.002	14.776						
11/16/2016 4:55:00 AM	543300.000	12.270	17.690	27.968	6049.648	7031.304	3.899	4781.287
165.299	1.002	14.775						
11/16/2016 5:00:00 AM	543600.000	12.268	17.690	27.963	6049.423	7031.083	3.899	4781.137

165.305	1.002	14.774						
11/16/2016 5:05:00 AM	543900.000	12.273	17.690	27.975	6049.634	7031.287	3.899	4781.276
165.299	1.002	14.772						
11/16/2016 5:10:00 AM	544200.000	12.277	17.691	27.983	6051.140	7032.983	3.900	4782.429
165.258	1.002	14.770						
11/16/2016 5:15:00 AM	544500.000	12.274	17.691	27.977	6050.842	7032.637	3.900	4782.194
165.266	1.002	14.768						
11/16/2016 5:20:00 AM	544800.000	12.278	17.691	27.986	6051.751	7033.733	3.901	4782.938
165.241	1.002	14.770						
11/16/2016 5:25:00 AM	545100.000	12.272	17.690	27.972	6050.353	7032.123	3.900	4781.844
165.280	1.002	14.772						
11/16/2016 5:30:00 AM	545400.000	12.274	17.691	27.977	6051.226	7033.096	3.900	4782.505
165.256	1.002	14.774						
11/16/2016 5:35:00 AM	545700.000	12.276	17.691	27.981	6052.962	7035.140	3.901	4783.895
165.208	1.002	14.772						
11/16/2016 5:40:00 AM	546000.000	12.277	17.691	27.984	6052.435	7034.527	3.901	4783.479
165.223	1.002	14.771						
11/16/2016 5:45:00 AM	546300.000	12.274	17.690	27.977	6050.632	7032.461	3.900	4782.074
165.272	1.002	14.770						
11/16/2016 5:50:00 AM	546600.000	12.279	17.691	27.988	6052.132	7034.176	3.901	4783.240
165.231	1.002	14.768						
11/16/2016 5:55:00 AM	546900.000	12.281	17.691	27.993	6051.972	7033.936	3.901	4783.076
165.235	1.002	14.767						
11/16/2016 6:00:00 AM	547200.000	12.285	17.690	28.001	6052.277	7034.373	3.901	4783.374
165.227	1.002	14.765						
11/16/2016 6:05:00 AM	547500.000	12.282	17.691	27.994	6052.591	7034.669	3.901	4783.576
165.219	1.002	14.766						
11/16/2016 6:10:00 AM	547800.000	12.284	17.690	27.998	6052.074	7034.204	3.901	4783.259
165.233	1.002	14.767						
11/16/2016 6:15:00 AM	548100.000	12.277	17.691	27.983	6051.710	7033.590	3.901	4782.842
165.243	1.002	14.767						
11/16/2016 6:20:00 AM	548400.000	12.274	17.690	27.975	6052.905	7035.130	3.901	4783.888
165.210	1.002	14.771						
11/16/2016 6:25:00 AM	548700.000	12.276	17.691	27.980	6053.065	7035.192	3.901	4783.931
165.206	1.002	14.775						
11/16/2016 6:30:00 AM	549000.000	12.266	17.691	27.958	6052.390	7034.449	3.901	4783.425
165.224	1.002	14.779						
11/16/2016 6:35:00 AM	549300.000	12.270	17.691	27.966	6053.587	7035.840	3.902	4784.372
165.191	1.002	14.779						
11/16/2016 6:40:00 AM	549600.000	12.269	17.691	27.964	6052.416	7034.479	3.901	4783.446
165.223	1.002	14.779						
11/16/2016 6:45:00 AM	549900.000	12.273	17.691	27.974	6051.646	7033.611	3.901	4782.855
165.244	1.002	14.778						
11/16/2016 6:50:00 AM	550200.000	12.272	17.691	27.971	6047.213	7028.350	3.897	4779.279
165.365	1.002	14.776						
11/16/2016 6:55:00 AM	550500.000	12.281	17.691	27.992	6035.139	7014.316	3.889	4769.736
165.696	1.002	14.773						
11/16/2016 7:00:00 AM	550800.000	12.285	17.691	28.000	6020.026	6996.833	3.879	4757.847
166.112	1.002	14.771						
11/16/2016 7:05:00 AM	551100.000	12.284	17.691	27.999	6003.628	6977.733	3.867	4744.859
166.566	1.002	14.773						
11/16/2016 7:10:00 AM	551400.000	12.278	17.691	27.984	5991.021	6963.082	3.859	4734.896
166.916	1.002	14.776						
11/16/2016 7:15:00 AM	551700.000	12.274	17.692	27.977	5975.700	6945.182	3.848	4722.724
167.344	1.002	14.778						
11/16/2016 7:20:00 AM	552000.000	12.280	17.691	27.991	5964.195	6931.931	3.840	4713.713
167.667	1.002	14.780						
11/16/2016 7:25:00 AM	552300.000	12.273	17.691	27.974	5952.974	6918.927	3.833	4704.871
167.983	1.002	14.782						
11/16/2016 7:30:00 AM	552600.000	12.275	17.691	27.979	5944.346	6908.873	3.827	4698.034
168.227	1.002	14.784						
11/16/2016 7:35:00 AM	552900.000	12.277	17.691	27.984	5933.116	6895.728	3.819	4689.096
168.546	1.002	14.783						
11/16/2016 7:40:00 AM	553200.000	12.278	17.691	27.985	5924.409	6885.689	3.813	4682.269
168.793	1.002	14.783						
11/16/2016 7:45:00 AM	553500.000	12.275	17.691	27.978	5916.141	6876.025	3.807	4675.697
169.029	1.002	14.782						
11/16/2016 7:50:00 AM	553800.000	12.280	17.692	27.991	5910.034	6868.875	3.803	4670.835
169.204	1.002	14.783						
11/16/2016 7:55:00 AM	554100.000	12.277	17.691	27.983	5900.729	6858.127	3.797	4663.527
169.471	1.002	14.785						
11/16/2016 8:00:00 AM	554400.000	12.273	17.691	27.975	5893.041	6849.204	3.791	4657.459
169.692	1.002	14.786						
11/16/2016 8:05:00 AM	554700.000	12.276	17.691	27.981	5887.146	6842.313	3.787	4652.773
169.862	1.002	14.787						
11/16/2016 8:10:00 AM	555000.000	12.276	17.692	27.980	5878.903	6832.694	3.782	4646.232
170.100	1.002	14.789						
11/16/2016 8:15:00 AM	555300.000	12.275	17.691	27.979	5873.590	6826.584	3.778	4642.078
170.254	1.002	14.790						
11/16/2016 8:20:00 AM	555600.000	12.275	17.691	27.980	5865.346	6816.976	3.772	4635.544
170.493	1.002	14.790						
11/16/2016 8:25:00 AM	555900.000	12.274	17.691	27.977	5859.613	6810.417	3.768	4631.083
170.660	1.002	14.789						
11/16/2016 8:30:00 AM	556200.000	12.273	17.691	27.974	5853.363	6803.127	3.764	4626.127
170.842	1.002	14.788						
11/16/2016 8:35:00 AM	556500.000	12.276	17.691	27.981	5846.353	6794.968	3.759	4620.579
171.047	1.002	14.788						
11/16/2016 8:40:00 AM	556800.000	12.278	17.691	27.985	5841.275	6789.039	3.756	4616.547
171.195	1.002	14.788						
11/16/2016 8:45:00 AM	557100.000	12.278	17.691	27.986	5835.605	6782.383	3.752	4612.021
171.362	1.002	14.787						
11/16/2016 8:50:00 AM	557400.000	12.275	17.691	27.978	5829.991	6775.858	3.748	4607.584
171.527	1.002	14.787						
11/16/2016 8:55:00 AM	557700.000	12.281	17.691	27.992	5826.059	6771.353	3.745	4604.521
171.643	1.002	14.787						
11/16/2016 9:00:00 AM	558000.000	12.282	17.691	27.995	5819.338	6763.503	3.741	4599.182
171.841	1.002	14.786						
11/16/2016 9:05:00 AM	558300.000	12.279	17.691	27.987	5812.967	6756.098	3.736	4594.147
172.029	1.002	14.784						
11/16/2016 9:10:00 AM	558600.000	12.284	17.691	27.999	5807.897	6750.272	3.733	4590.186
172.179	1.002	14.782						
11/16/2016 9:15:00 AM	558900.000	12.284	17.691	27.999	5803.353	6745.017	3.730	4586.612
172.314	1.002	14.781						
11/16/2016 9:20:00 AM	559200.000	12.281	17.691	27.992	5799.339	6740.259	3.727	4583.377
172.433	1.002	14.784						
11/16/2016 9:25:00 AM	559500.000	12.278	17.690	27.986	5793.046	6733.064	3.723	4578.484
172.621	1.002	14.787						
11/16/2016 9:30:00 AM	559800.000	12.270	17.691	27.968	5788.693	6727.925	3.720	4574.989
172.751	1.002	14.790						
11/16/2016 9:35:00 AM	560100.000	12.277	17.691	27.983	5783.823	6722.278	3.716	4571.149
172.896	1.001	14.789						
11/16/2016 9:40:00 AM	560400.000	12.278	17.691	27.986	5781.727	6719.893	3.715	4569.528
172.959	1.001	14.787						
11/16/2016 9:45:00 AM	560700.000	12.280	17.691	27.989	5776.941	6714.240	3.712	4565.684
173.102	1.001	14.786						
11/16/2016 9:50:00 AM	561000.000	12.279	17.691	27.988	5771.105	6707.497	3.708	4561.098
173.277	1.001	14.787						
11/16/2016 9:55:00 AM	561300.000	12.277	17.691	27.984	5768.438	6704.345	3.706	4558.955
173.357	1.001	14.788						
11/16/2016 10:00:00 AM	561600.000	12.272	17.691	27.972	5763.636	6698.841	3.702	4555.212
173.502	1.001	14.789						
11/16/2016 10:05:00 AM	561900.000	12.278	17.691	27.984	5760.708	6695.360	3.700	4552.845
173.590	1.001	14.787						
11/16/2016 10:10:00 AM	562200.000	12.274	17.691	27.975	5757.281	6691.443	3.698	4550.182
173.693	1.001	14.785						
11/16/2016 10:15:00 AM	562500.000	12.281	17.691	27.993	5753.013	6686.455	3.695	4546.790
173.822	1.001	14.784						
11/16/2016 10:20:00 AM	562800.000	12.275	17.691	27.979	5749.877	6682.850	3.693	4544.338
173.917	1.001	14.784						
11/16/2016 10:25:00 AM	563100.000	12.277	17.692	27.983	5747.084	6679.489	3.691	4542.052
174.001	1.001	14.785						
11/16/2016 10:30:00 AM	563400.000	12.274	17.691	27.976	5743.238	6675.108	3.688	4539.073
174.118	1.001	14.785						

11/16/2016 10:35:00 AM	563700.000	12.278	17.691	27.986	5740.556	6672.005	3.687	4536.963
174.199	1.001	14.784						
11/16/2016 10:40:00 AM	564000.000	12.278	17.691	27.985	5737.455	6668.412	3.685	4534.521
174.293	1.001	14.783						
11/16/2016 10:45:00 AM	564300.000	12.278	17.691	27.985	5733.795	6664.094	3.682	4531.584
174.405	1.001	14.783						
11/16/2016 10:50:00 AM	564600.000	12.277	17.691	27.984	5729.310	6658.959	3.679	4528.092
174.541	1.001	14.782						
11/16/2016 10:55:00 AM	564900.000	12.273	17.691	27.975	5728.945	6658.496	3.679	4527.777
174.552	1.001	14.781						
11/16/2016 11:00:00 AM	565200.000	12.280	17.691	27.990	5723.600	6652.232	3.675	4523.518
174.715	1.001	14.780						
11/16/2016 11:05:00 AM	565500.000	12.273	17.691	27.973	5723.937	6652.701	3.675	4523.837
174.705	1.001	14.783						
11/16/2016 11:10:00 AM	565800.000	12.269	17.691	27.965	5720.344	6648.513	3.673	4520.989
174.815	1.001	14.785						
11/16/2016 11:15:00 AM	566100.000	12.267	17.691	27.960	5718.638	6646.542	3.672	4519.649
174.867	1.001	14.788						
11/16/2016 11:20:00 AM	566400.000	12.271	17.691	27.969	5715.482	6642.835	3.669	4517.128
174.963	1.001	14.786						
11/16/2016 11:25:00 AM	566700.000	12.272	17.691	27.972	5714.166	6641.319	3.669	4516.097
175.004	1.001	14.783						
11/16/2016 11:30:00 AM	567000.000	12.271	17.691	27.969	5712.573	6639.428	3.667	4514.811
175.052	1.001	14.781						
11/16/2016 11:35:00 AM	567300.000	12.275	17.691	27.979	5710.445	6636.930	3.666	4513.113
175.118	1.001	14.780						
11/16/2016 11:40:00 AM	567600.000	12.271	17.691	27.970	5706.909	6632.833	3.664	4510.327
175.226	1.001	14.778						
11/16/2016 11:45:00 AM	567900.000	12.276	17.691	27.982	5706.552	6632.418	3.663	4510.044
175.237	1.001	14.777						
11/16/2016 11:50:00 AM	568200.000	12.276	17.691	27.981	5702.770	6628.073	3.661	4507.090
175.353	1.001	14.776						
11/16/2016 11:55:00 AM	568500.000	12.276	17.691	27.981	5703.034	6628.356	3.661	4507.282
175.345	1.001	14.775						
11/16/2016 12:00:00 PM	568800.000	12.271	17.691	27.969	5701.572	6626.696	3.660	4506.154
175.390	1.001	14.775						
11/16/2016 12:05:00 PM	569100.000	12.276	17.692	27.982	5699.453	6624.130	3.658	4504.409
175.455	1.001	14.772						
11/16/2016 12:10:00 PM	569400.000	12.271	17.691	27.970	5698.153	6622.695	3.658	4503.433
175.495	1.001	14.769						
11/16/2016 12:15:00 PM	569700.000	12.273	17.691	27.974	5696.891	6621.202	3.657	4502.417
175.534	1.001	14.766						
11/16/2016 12:20:00 PM	570000.000	12.273	17.691	27.973	5694.444	6618.384	3.655	4500.501
175.610	1.001	14.769						
11/16/2016 12:25:00 PM	570300.000	12.272	17.691	27.972	5694.484	6618.457	3.655	4500.551
175.609	1.001	14.771						
11/16/2016 12:30:00 PM	570600.000	12.269	17.691	27.964	5691.970	6615.547	3.653	4498.572
175.686	1.001	14.773						
11/16/2016 12:35:00 PM	570900.000	12.264	17.691	27.953	5691.891	6615.405	3.653	4498.476
175.689	1.001	14.772						
11/16/2016 12:40:00 PM	571200.000	12.270	17.691	27.967	5689.365	6612.442	3.652	4496.461
175.767	1.001	14.771						
11/16/2016 12:45:00 PM	571500.000	12.271	17.691	27.969	5688.433	6611.424	3.651	4495.769
175.795	1.001	14.769						
11/16/2016 12:50:00 PM	571800.000	12.273	17.691	27.973	5686.007	6608.566	3.649	4493.825
175.870	1.001	14.768						
11/16/2016 12:55:00 PM	572100.000	12.272	17.691	27.971	5688.551	6611.534	3.651	4495.843
175.792	1.001	14.766						
11/16/2016 1:00:00 PM	572400.000	12.274	17.691	27.976	5686.721	6609.396	3.650	4494.390
175.848	1.001	14.764						
11/16/2016 1:05:00 PM	572700.000	12.272	17.691	27.972	5686.741	6609.405	3.650	4494.396
175.848	1.001	14.765						
11/16/2016 1:10:00 PM	573000.000	12.266	17.691	27.959	5685.904	6608.472	3.649	4493.761
175.874	1.001	14.766						
11/16/2016 1:15:00 PM	573300.000	12.267	17.691	27.960	5685.070	6607.478	3.649	4493.085
175.899	1.001	14.766						
11/16/2016 1:20:00 PM	573600.000	12.270	17.691	27.967	5683.729	6605.930	3.648	4492.033
175.941	1.001	14.762						
11/16/2016 1:25:00 PM	573900.000	12.269	17.691	27.964	5684.213	6606.557	3.648	4492.459
175.926	1.001	14.759						
11/16/2016 1:30:00 PM	574200.000	12.275	17.691	27.978	5682.996	6605.052	3.647	4491.436
175.964	1.001	14.755						
11/16/2016 1:35:00 PM	574500.000	12.270	17.691	27.967	5682.057	6603.975	3.647	4490.703
175.993	1.001	14.755						
11/16/2016 1:40:00 PM	574800.000	12.269	17.691	27.964	5682.173	6604.148	3.647	4490.821
175.989	1.001	14.756						
11/16/2016 1:45:00 PM	575100.000	12.266	17.691	27.957	5681.721	6603.624	3.646	4490.464
176.003	1.001	14.756						
11/16/2016 1:50:00 PM	575400.000	12.266	17.691	27.957	5680.494	6602.145	3.645	4489.458
176.041	1.001	14.756						
11/16/2016 1:55:00 PM	575700.000	12.267	17.690	27.961	5679.938	6601.627	3.645	4489.107
176.058	1.001	14.755						
11/16/2016 2:00:00 PM	576000.000	12.271	17.690	27.970	5678.759	6600.308	3.644	4488.210
176.095	1.001	14.755						
11/16/2016 2:05:00 PM	576300.000	12.268	17.691	27.963	5679.438	6600.918	3.645	4488.624
176.074	1.001	14.756						
11/16/2016 2:10:00 PM	576600.000	12.268	17.691	27.962	5680.409	6602.046	3.645	4489.391
176.044	1.001	14.757						
11/16/2016 2:15:00 PM	576900.000	12.262	17.691	27.949	5678.919	6600.340	3.644	4488.231
176.090	1.001	14.758						
11/16/2016 2:20:00 PM	577200.000	12.265	17.691	27.955	5678.241	6599.564	3.644	4487.704
176.111	1.001	14.757						
11/16/2016 2:25:00 PM	577500.000	12.261	17.691	27.946	5677.895	6599.112	3.644	4487.396
176.122	1.001	14.755						
11/16/2016 2:30:00 PM	577800.000	12.269	17.691	27.964	5678.530	6599.927	3.644	4487.950
176.102	1.001	14.754						
11/16/2016 2:35:00 PM	578100.000	12.263	17.691	27.951	5676.787	6597.875	3.643	4486.555
176.156	1.001	14.754						
11/16/2016 2:40:00 PM	578400.000	12.270	17.690	27.967	5677.143	6598.404	3.643	4486.915
176.145	1.001	14.753						
11/16/2016 2:45:00 PM	578700.000	12.269	17.691	27.965	5677.583	6598.749	3.643	4487.149
176.131	1.001	14.752						
11/16/2016 2:50:00 PM	579000.000	12.268	17.691	27.962	5677.560	6598.812	3.643	4487.193
176.132	1.001	14.753						
11/16/2016 2:55:00 PM	579300.000	12.263	17.691	27.951	5676.025	6596.977	3.642	4485.945
176.180	1.001	14.754						
11/16/2016 3:00:00 PM	579600.000	12.261	17.691	27.948	5677.535	6598.744	3.643	4487.146
176.133	1.001	14.754						
11/16/2016 3:05:00 PM	579900.000	12.265	17.691	27.955	5677.834	6599.079	3.644	4487.375
176.123	1.001	14.755						
11/16/2016 3:10:00 PM	580200.000	12.259	17.691	27.942	5676.491	6597.544	3.643	4486.331
176.165	1.001	14.755						
11/16/2016 3:15:00 PM	580500.000	12.261	17.691	27.948	5675.981	6596.953	3.642	4485.928
176.181	1.001	14.756						
11/16/2016 3:20:00 PM	580800.000	12.267	17.691	27.960	5677.086	6598.198	3.643	4486.775
176.147	1.001	14.756						
11/16/2016 3:25:00 PM	581100.000	12.266	17.691	27.959	5676.383	6597.431	3.643	4486.254
176.169	1.001	14.755						
11/16/2016 3:30:00 PM	581400.000	12.262	17.691	27.949	5678.194	6599.498	3.644	4487.659
176.112	1.001	14.755						
11/16/2016 3:35:00 PM	581700.000	12.261	17.691	27.947	5675.561	6596.475	3.642	4485.604
176.194	1.001	14.755						
11/16/2016 3:40:00 PM	582000.000	12.264	17.691	27.954	5675.381	6596.280	3.642	4485.470
176.200	1.001	14.755						
11/16/2016 3:45:00 PM	582300.000	12.259	17.691	27.943	5676.989	6598.160	3.643	4486.749
176.150	1.001	14.755						
11/16/2016 3:50:00 PM	582600.000	12.265	17.691	27.956	5678.318	6599.668	3.644	4487.775
176.108	1.001	14.755						
11/16/2016 3:55:00 PM	582900.000	12.265	17.691	27.957	5676.151	6597.162	3.643	4486.070
176.176	1.001	14.755						
11/16/2016 4:00:00 PM	583200.000	12.264	17.691	27.953	5676.767	6597.877	3.643	4486.557
176.157	1.001	14.755						
11/16/2016 4:05:00 PM	583500.000	12.262	17.691	27.948	5679.838	6601.408	3.645	4488.958

176.061	1.001	14.755						
11/16/2016 4:10:00 PM	583800.000	12.262	17.691	27.949	5676.458	6597.543	3.643	4486.329
176.166	1.001	14.756						
11/16/2016 4:15:00 PM	584100.000	12.260	17.691	27.944	5678.461	6599.835	3.644	4487.888
176.104	1.001	14.756						
11/16/2016 4:20:00 PM	584400.000	12.264	17.691	27.954	5678.701	6600.099	3.644	4488.067
176.097	1.001	14.756						
11/16/2016 4:25:00 PM	584700.000	12.260	17.691	27.945	5679.534	6601.118	3.645	4488.760
176.071	1.001	14.756						
11/16/2016 4:30:00 PM	585000.000	12.265	17.691	27.955	5680.921	6602.720	3.646	4489.850
176.028	1.001	14.756						
11/16/2016 4:35:00 PM	585300.000	12.261	17.691	27.947	5681.204	6603.048	3.646	4490.073
176.019	1.001	14.756						
11/16/2016 4:40:00 PM	585600.000	12.265	17.691	27.955	5681.707	6603.632	3.646	4490.470
176.003	1.001	14.756						
11/16/2016 4:45:00 PM	585900.000	12.263	17.691	27.952	5681.411	6603.263	3.646	4490.220
176.013	1.001	14.756						
11/16/2016 4:50:00 PM	586200.000	12.265	17.690	27.955	5681.583	6603.515	3.646	4490.390
176.007	1.001	14.755						
11/16/2016 4:55:00 PM	586500.000	12.265	17.691	27.956	5681.601	6603.496	3.646	4490.377
176.007	1.001	14.754						
11/16/2016 5:00:00 PM	586800.000	12.265	17.691	27.955	5681.339	6603.153	3.646	4490.144
176.015	1.001	14.754						
11/16/2016 5:05:00 PM	587100.000	12.265	17.691	27.955	5682.244	6604.231	3.647	4490.877
175.987	1.001	14.755						
11/16/2016 5:10:00 PM	587400.000	12.265	17.691	27.956	5683.583	6605.710	3.648	4491.883
175.945	1.001	14.756						
11/16/2016 5:15:00 PM	587700.000	12.259	17.691	27.942	5683.850	6606.032	3.648	4492.102
175.937	1.001	14.757						
11/16/2016 5:20:00 PM	588000.000	12.263	17.691	27.951	5683.920	6606.205	3.648	4492.219
175.935	1.001	14.759						
11/16/2016 5:25:00 PM	588300.000	12.263	17.690	27.952	5684.547	6606.971	3.648	4492.741
175.916	1.001	14.760						
11/16/2016 5:30:00 PM	588600.000	12.259	17.691	27.942	5682.546	6604.607	3.647	4491.134
175.977	1.001	14.761						
11/16/2016 5:35:00 PM	588900.000	12.260	17.690	27.944	5684.421	6606.863	3.648	4492.667
175.919	1.001	14.761						
11/16/2016 5:40:00 PM	589200.000	12.260	17.691	27.945	5683.066	6605.198	3.647	4491.535
175.961	1.001	14.761						
11/16/2016 5:45:00 PM	589500.000	12.265	17.690	27.956	5683.618	6605.879	3.648	4491.998
175.944	1.001	14.761						
11/16/2016 5:50:00 PM	589800.000	12.260	17.690	27.945	5685.429	6607.984	3.649	4493.429
175.888	1.001	14.764						
11/16/2016 5:55:00 PM	590100.000	12.258	17.691	27.940	5685.362	6607.828	3.649	4493.323
175.890	1.001	14.766						
11/16/2016 6:00:00 PM	590400.000	12.251	17.691	27.924	5686.117	6608.719	3.649	4493.929
175.867	1.001	14.769						
11/16/2016 6:05:00 PM	590700.000	12.258	17.690	27.940	5686.278	6608.996	3.649	4494.117
175.862	1.001	14.768						
11/16/2016 6:10:00 PM	591000.000	12.259	17.691	27.941	5686.398	6609.072	3.650	4494.169
175.858	1.001	14.767						
11/16/2016 6:15:00 PM	591300.000	12.256	17.691	27.935	5686.428	6609.105	3.650	4494.192
175.857	1.001	14.765						
11/16/2016 6:20:00 PM	591600.000	12.255	17.691	27.934	5686.883	6609.635	3.650	4494.553
175.843	1.001	14.766						
11/16/2016 6:25:00 PM	591900.000	12.255	17.691	27.933	5687.738	6610.653	3.650	4495.245
175.817	1.001	14.766						
11/16/2016 6:30:00 PM	592200.000	12.259	17.690	27.943	5686.978	6609.785	3.650	4494.654
175.840	1.001	14.767						
11/16/2016 6:35:00 PM	592500.000	12.254	17.690	27.930	5687.869	6610.820	3.651	4495.358
175.813	1.001	14.767						
11/16/2016 6:40:00 PM	592800.000	12.257	17.691	27.937	5687.369	6610.188	3.650	4494.928
175.828	1.001	14.767						
11/16/2016 6:45:00 PM	593100.000	12.258	17.691	27.939	5689.970	6613.247	3.652	4497.008
175.748	1.001	14.767						
11/16/2016 6:50:00 PM	593400.000	12.253	17.691	27.928	5689.533	6612.703	3.652	4496.638
175.761	1.001	14.767						
11/16/2016 6:55:00 PM	593700.000	12.256	17.691	27.936	5688.561	6611.584	3.651	4495.878
175.791	1.001	14.768						
11/16/2016 7:00:00 PM	594000.000	12.256	17.691	27.935	5690.064	6613.346	3.652	4497.076
175.745	1.001	14.768						
11/16/2016 7:05:00 PM	594300.000	12.258	17.691	27.939	5689.730	6612.918	3.652	4496.784
175.755	1.001	14.767						
11/16/2016 7:10:00 PM	594600.000	12.259	17.691	27.941	5690.360	6613.664	3.652	4497.292
175.736	1.001	14.765						
11/16/2016 7:15:00 PM	594900.000	12.259	17.691	27.941	5690.055	6613.335	3.652	4497.068
175.745	1.001	14.763						
11/16/2016 7:20:00 PM	595200.000	12.258	17.691	27.940	5693.573	6617.398	3.654	4499.831
175.637	1.001	14.766						
11/16/2016 7:25:00 PM	595500.000	12.255	17.691	27.934	5693.663	6617.540	3.655	4499.927
175.634	1.001	14.768						
11/16/2016 7:30:00 PM	595800.000	12.250	17.691	27.922	5693.494	6617.343	3.654	4499.793
175.639	1.001	14.771						
11/16/2016 7:35:00 PM	596100.000	12.247	17.691	27.916	5695.108	6619.168	3.655	4501.035
175.589	1.001	14.771						
11/16/2016 7:40:00 PM	596400.000	12.255	17.691	27.932	5694.658	6618.646	3.655	4500.680
175.603	1.001	14.771						
11/16/2016 7:45:00 PM	596700.000	12.250	17.691	27.922	5696.272	6620.562	3.656	4501.982
175.553	1.001	14.772						
11/16/2016 7:50:00 PM	597000.000	12.253	17.691	27.929	5695.660	6619.849	3.656	4501.498
175.572	1.001	14.772						
11/16/2016 7:55:00 PM	597300.000	12.254	17.691	27.932	5697.839	6622.343	3.657	4503.193
175.505	1.001	14.772						
11/16/2016 8:00:00 PM	597600.000	12.253	17.690	27.928	5698.078	6622.698	3.658	4503.435
175.498	1.001	14.772						
11/16/2016 8:05:00 PM	597900.000	12.255	17.691	27.932	5698.486	6623.120	3.658	4503.722
175.485	1.001	14.770						
11/16/2016 8:10:00 PM	598200.000	12.251	17.691	27.924	5699.823	6624.675	3.659	4504.779
175.444	1.001	14.768						
11/16/2016 8:15:00 PM	598500.000	12.257	17.691	27.938	5699.774	6624.643	3.659	4504.757
175.446	1.001	14.765						
11/16/2016 8:20:00 PM	598800.000	12.255	17.691	27.932	5702.547	6627.841	3.661	4506.932
175.360	1.001	14.768						
11/16/2016 8:25:00 PM	599100.000	12.254	17.690	27.931	5702.930	6628.325	3.661	4507.261
175.348	1.001	14.771						
11/16/2016 8:30:00 PM	599400.000	12.251	17.691	27.924	5703.209	6628.635	3.661	4507.472
175.340	1.001	14.773						
11/16/2016 8:35:00 PM	599700.000	12.248	17.691	27.917	5703.992	6629.545	3.662	4508.091
175.316	1.001	14.772						
11/16/2016 8:40:00 PM	600000.000	12.255	17.691	27.932	5704.556	6630.125	3.662	4508.485
175.298	1.001	14.771						
11/16/2016 8:45:00 PM	600300.000	12.255	17.691	27.934	5707.288	6633.350	3.664	4510.678
175.215	1.001	14.769						
11/16/2016 8:50:00 PM	600600.000	12.250	17.691	27.921	5707.434	6633.545	3.664	4510.811
175.210	1.001	14.771						
11/16/2016 8:55:00 PM	600900.000	12.250	17.690	27.922	5706.929	6633.011	3.664	4510.448
175.226	1.001	14.772						
11/16/2016 9:00:00 PM	601200.000	12.249	17.690	27.918	5709.121	6635.571	3.665	4512.189
175.158	1.001	14.773						
11/16/2016 9:05:00 PM	601500.000	12.254	17.691	27.930	5708.367	6634.605	3.665	4511.531
175.181	1.001	14.773						
11/16/2016 9:10:00 PM	601800.000	12.252	17.690	27.927	5710.140	6636.705	3.666	4512.959
175.127	1.001	14.774						
11/16/2016 9:15:00 PM	602100.000	12.253	17.691	27.928	5710.290	6636.800	3.666	4513.025
175.122	1.001	14.774						
11/16/2016 9:20:00 PM	602400.000	12.248	17.691	27.916	5710.790	6637.434	3.666	4513.456
175.107	1.001	14.775						
11/16/2016 9:25:00 PM	602700.000	12.253	17.691	27.928	5710.617	6637.208	3.666	4513.301
175.112	1.001	14.775						
11/16/2016 9:30:00 PM	603000.000	12.254	17.690	27.931	5713.488	6640.608	3.668	4515.614
175.024	1.001	14.776						
11/16/2016 9:35:00 PM	603300.000	12.254	17.690	27.931	5720.753	6649.117	3.673	4521.400
174.802	1.001	14.775						

11/16/2016 9:40:00 PM	603600.000	12.256	17.691	27.936	5736.672	6667.527	3.684	4533.919	174.317
1.001	14.774								
11/16/2016 9:45:00 PM	603900.000	12.256	17.691	27.934	5756.134	6690.111	3.697	4549.275	173.728
1.001	14.773								
11/16/2016 9:50:00 PM	604200.000	12.251	17.691	27.925	5771.014	6707.377	3.708	4561.017	173.280
1.001	14.775								
11/16/2016 9:55:00 PM	604500.000	12.249	17.690	27.920	5784.644	6723.324	3.717	4571.861	172.871
1.001	14.776								
11/16/2016 10:00:00 PM	604800.000	12.253	17.690	27.928	5798.063	6738.959	3.726	4582.493	172.471
1.002	14.778								
11/16/2016 10:05:00 PM	605100.000	12.254	17.691	27.930	5811.279	6754.229	3.735	4592.876	172.079
1.002	14.778								
11/16/2016 10:10:00 PM	605400.000	12.253	17.690	27.927	5823.042	6767.953	3.743	4602.208	171.732
1.002	14.778								
11/16/2016 10:15:00 PM	605700.000	12.248	17.691	27.916	5833.494	6780.060	3.750	4610.441	171.424
1.002	14.778								
11/16/2016 10:20:00 PM	606000.000	12.249	17.690	27.919	5843.570	6791.853	3.757	4618.460	171.128
1.002	14.777								
11/16/2016 10:25:00 PM	606300.000	12.256	17.690	27.935	5851.721	6801.352	3.763	4624.920	170.890
1.002	14.776								
11/16/2016 10:30:00 PM	606600.000	12.251	17.690	27.924	5864.157	6815.806	3.772	4634.749	170.527
1.002	14.775								
11/16/2016 10:35:00 PM	606900.000	12.257	17.690	27.938	5870.971	6823.672	3.776	4640.098	170.330
1.002	14.774								
11/16/2016 10:40:00 PM	607200.000	12.255	17.690	27.933	5879.372	6833.437	3.782	4646.738	170.086
1.002	14.774								
11/16/2016 10:45:00 PM	607500.000	12.258	17.690	27.940	5885.889	6841.024	3.787	4651.896	169.898
1.002	14.774								
11/16/2016 10:50:00 PM	607800.000	12.254	17.690	27.930	5892.508	6848.705	3.791	4657.120	169.707
1.002	14.773								
11/16/2016 10:55:00 PM	608100.000	12.258	17.690	27.939	5901.563	6859.189	3.797	4664.249	169.447
1.002	14.772								
11/16/2016 11:00:00 PM	608400.000	12.258	17.690	27.941	5907.374	6866.089	3.801	4668.940	169.280
1.002	14.772								
11/16/2016 11:05:00 PM	608700.000	12.258	17.690	27.939	5912.246	6871.631	3.805	4672.709	169.140
1.002	14.772								
11/16/2016 11:10:00 PM	609000.000	12.252	17.690	27.927	5918.930	6879.454	3.809	4678.029	168.949
1.002	14.773								
11/16/2016 11:15:00 PM	609300.000	12.255	17.690	27.934	5924.835	6886.305	3.813	4682.688	168.781
1.002	14.773								
11/16/2016 11:20:00 PM	609600.000	12.257	17.690	27.937	5929.020	6891.114	3.816	4685.958	168.662
1.002	14.773								
11/16/2016 11:25:00 PM	609900.000	12.257	17.690	27.938	5935.511	6898.686	3.821	4691.107	168.477
1.002	14.773								
11/16/2016 11:30:00 PM	610200.000	12.255	17.690	27.933	5939.373	6903.254	3.823	4694.213	168.368
1.002	14.773								
11/16/2016 11:35:00 PM	610500.000	12.259	17.690	27.943	5944.568	6909.199	3.827	4698.255	168.221
1.002	14.773								
11/16/2016 11:40:00 PM	610800.000	12.255	17.690	27.932	5949.664	6915.162	3.830	4702.310	168.077
1.002	14.773								
11/16/2016 11:45:00 PM	611100.000	12.255	17.690	27.933	5955.401	6921.803	3.834	4706.826	167.915
1.002	14.774								
11/16/2016 11:50:00 PM	611400.000	12.258	17.690	27.940	5959.179	6926.154	3.837	4709.786	167.808
1.002	14.773								
11/16/2016 11:55:00 PM	611700.000	12.261	17.690	27.947	5960.616	6927.904	3.838	4710.975	167.768
1.002	14.772								

Report Date: 11/18/2016 8:37:10 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-5D Pre Test_2016-11-17_15-45-00-055-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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: 743
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time (ppt)	Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids
	Resistivity (ohm-cm)		Water Density (g/cm3)	Barometric Pressure (PSI)					
	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A)
658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc					
	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	
SN#: 398697		SN#: 398697	SN#: 000000						
11/10/2016 12:14:45 AM	7200.000	143.927	21.327	328.054	5152.454	5541.244	3.032	3.768	
194.082	1.000	14.744							
11/10/2016 12:29:45 AM	8100.000	143.928	21.321	328.056	5144.161	5532.903	3.027	3.762	
194.395	1.000	14.746							
11/10/2016 12:44:45 AM	9000.000	143.932	21.308	328.066	5136.211	5525.875	3.023	3.758	
194.696	1.000	14.746							
11/10/2016 12:59:45 AM	9900.000	143.936	21.307	328.076	5127.566	5516.743	3.018	3.751	
195.024	1.000	14.745							
11/10/2016 1:14:45 AM	10800.000	143.941	21.308	328.086	5124.762	5513.607	3.016	3.749	
195.131	1.000	14.741							
11/10/2016 1:29:45 AM	11700.000	143.904	21.307	328.001	5123.713	5512.557	3.015	3.749	
195.171	1.000	14.741							
11/10/2016 1:44:45 AM	12600.000	143.944	21.309	328.094	5123.900	5512.501	3.015	3.749	
195.164	1.000	14.736							
11/10/2016 1:59:45 AM	13500.000	143.940	21.308	328.084	5123.394	5512.035	3.015	3.748	
195.183	1.000	14.739							
11/10/2016 2:14:45 AM	14400.000	143.938	21.310	328.079	5123.563	5512.009	3.015	3.748	
195.177	1.000	14.739							
11/10/2016 2:29:45 AM	15300.000	143.941	21.311	328.085	5123.609	5511.929	3.015	3.748	
195.175	1.000	14.737							
11/10/2016 2:44:45 AM	16200.000	143.941	21.311	328.087	5123.825	5512.241	3.015	3.748	
195.167	1.000	14.739							
11/10/2016 2:59:45 AM	17100.000	143.943	21.313	328.090	5124.233	5512.482	3.015	3.748	
195.151	1.000	14.739							
11/10/2016 3:14:45 AM	18000.000	143.945	21.312	328.096	5124.437	5512.760	3.016	3.749	
195.143	1.000	14.741							
11/10/2016 3:29:45 AM	18900.000	143.947	21.316	328.099	5124.873	5512.772	3.016	3.749	
195.127	1.000	14.737							
11/10/2016 3:44:45 AM	19800.000	143.947	21.316	328.099	5124.905	5512.818	3.016	3.749	
195.126	1.000	14.738							
11/10/2016 3:59:45 AM	20700.000	143.901	21.315	327.994	5125.332	5513.426	3.016	3.749	
195.109	1.000	14.742							
11/10/2016 4:14:45 AM	21600.000	143.947	21.318	328.099	5126.549	5514.398	3.016	3.750	
195.063	1.000	14.735							
11/10/2016 4:29:45 AM	22500.000	143.950	21.317	328.107	5126.792	5514.767	3.017	3.750	
195.054	1.000	14.736							
11/10/2016 4:44:45 AM	23400.000	143.950	21.315	328.106	5128.668	5516.925	3.018	3.752	
194.982	1.000	14.732							
11/10/2016 4:59:45 AM	24300.000	143.950	21.318	328.107	5128.669	5516.599	3.018	3.751	
194.982	1.000	14.740							
11/10/2016 5:14:45 AM	25200.000	143.959	21.316	328.126	5129.476	5517.704	3.018	3.752	
194.952	1.000	14.735							
11/10/2016 5:29:45 AM	26100.000	143.958	21.318	328.125	5130.000	5518.030	3.019	3.752	
194.932	1.000	14.732							
11/10/2016 5:44:45 AM	27000.000	143.969	21.315	328.151	5131.542	5520.077	3.020	3.754	
194.873	1.000	14.739							
11/10/2016 5:59:45 AM	27900.000	143.969	21.321	328.150	5132.436	5520.352	3.020	3.754	
194.839	1.000	14.739							
11/10/2016 6:14:45 AM	28800.000	143.955	21.324	328.117	5134.227	5521.920	3.021	3.755	
194.771	1.000	14.758							
11/10/2016 6:29:45 AM	29700.000	143.972	21.320	328.158	5134.634	5522.855	3.021	3.756	
194.756	1.000	14.745							
11/10/2016 6:44:45 AM	30600.000	143.982	21.315	328.180	5133.757	5522.430	3.021	3.755	
194.789	1.000	14.747							
11/10/2016 6:59:45 AM	31500.000	143.978	21.317	328.170	5134.410	5522.893	3.021	3.756	
194.764	1.000	14.749							
11/10/2016 7:14:45 AM	32400.000	143.987	21.324	328.191	5136.822	5524.671	3.022	3.757	
194.673	1.000	14.746							
11/10/2016 7:29:45 AM	33300.000	143.988	21.326	328.194	5137.403	5525.147	3.023	3.757	
194.651	1.000	14.749							
11/10/2016 7:44:45 AM	34200.000	144.018	21.321	328.262	5139.212	5527.661	3.024	3.759	
194.582	1.000	14.756							
11/10/2016 7:59:45 AM	35100.000	143.987	21.320	328.190	5139.002	5527.515	3.024	3.759	
194.590	1.000	14.754							
11/10/2016 8:14:45 AM	36000.000	143.998	21.322	328.215	5141.080	5529.570	3.025	3.760	
194.512	1.000	14.748							
11/10/2016 8:29:45 AM	36900.000	143.992	21.327	328.202	5141.513	5529.408	3.025	3.760	
194.495	1.000	14.747							
11/10/2016 8:44:45 AM	37800.000	144.043	21.326	328.318	5141.680	5529.747	3.025	3.760	
194.489	1.000	14.748							
11/10/2016 8:59:45 AM	38700.000	144.039	21.322	328.309	5141.641	5530.173	3.026	3.761	
194.490	1.000	14.754							
11/10/2016 9:14:45 AM	39600.000	143.997	21.319	328.215	5142.445	5531.316	3.026	3.761	
194.460	1.000	14.750							
11/10/2016 9:29:45 AM	40500.000	144.014	21.322	328.252	5143.086	5531.717	3.027	3.762	
194.436	1.000	14.742							
11/10/2016 9:44:45 AM	41400.000	144.016	21.329	328.257	5145.643	5533.601	3.028	3.763	
194.339	1.000	14.741							
11/10/2016 9:59:45 AM	42300.000	144.025	21.325	328.277	5145.628	5534.063	3.028	3.763	
194.340	1.000	14.739							
11/10/2016 10:14:45 AM	43200.000	144.023	21.324	328.273	5145.318	5533.888	3.028	3.763	
194.351	1.000	14.741							
11/10/2016 10:29:45 AM	44100.000	144.016	21.322	328.256	5146.077	5534.914	3.028	3.764	
194.323	1.000	14.743							
11/10/2016 10:44:45 AM	45000.000	143.992	21.328	328.202	5147.993	5536.268	3.029	3.765	
194.250	1.000	14.735							
11/10/2016 10:59:45 AM	45900.000	144.023	21.330	328.272	5148.455	5536.556	3.029	3.765	
194.233	1.000	14.732							
11/10/2016 11:14:45 AM	46800.000	144.066	21.330	328.372	5149.295	5537.498	3.030	3.765	
194.201	1.000	14.734							
11/10/2016 11:29:45 AM	47700.000	144.030	21.325	328.289	5150.442	5539.210	3.031	3.767	
194.158	1.000	14.727							
11/10/2016 11:44:45 AM	48600.000	144.029	21.333	328.288	5151.130	5539.133	3.031	3.767	
194.132	1.000	14.729							
11/10/2016 11:59:45 AM	49500.000	144.017	21.337	328.260	5151.329	5538.897	3.031	3.766	
194.125	1.000	14.727							
11/10/2016 12:14:45 PM	50400.000	144.061	21.330	328.360	5152.045	5540.446	3.032	3.768	
194.098	1.000	14.730							
11/10/2016 12:29:45 PM	51300.000	144.020	21.330	328.267	5152.359	5540.804	3.032	3.768	
194.086	1.000	14.726							
11/10/2016 12:44:45 PM	52200.000	144.019	21.332	328.265	5152.563	5540.743	3.032	3.768	
194.078	1.000	14.726							
11/10/2016 12:59:45 PM	53100.000	144.054	21.330	328.344	5154.608	5543.172	3.033	3.769	
194.001	1.000	14.716							
11/10/2016 1:14:45 PM	54000.000	144.006	21.331	328.234	5154.750	5543.235	3.033	3.769	
193.996	1.000	14.718							
11/10/2016 1:29:45 PM	54900.000	143.997	21.326	328.213	5155.110	5544.121	3.034	3.770	
193.982	1.000	14.727							
11/10/2016 1:44:45 PM	55800.000	143.999	21.328	328.218	5156.077	5544.921	3.034	3.771	
193.946	1.000	14.725							
11/10/2016 1:59:45 PM	56700.000	143.987	21.332	328.190	5156.273	5544.753	3.034	3.770	
193.939	1.000	14.726							
11/10/2016 2:14:45 PM	57600.000	143.977	21.336	328.169	5157.906	5546.081	3.035	3.771	

193.877	1.000	14.731							
11/10/2016 2:29:45 PM	58500.000	143.974	21.335	328.160	5158.207	5546.483	3.035	3.772	
193.866	1.000	14.729							
11/10/2016 2:44:45 PM	59400.000	143.973	21.333	328.159	5158.671	5547.242	3.036	3.772	
193.848	1.000	14.726							
11/10/2016 2:59:45 PM	60300.000	143.957	21.332	328.122	5159.146	5547.872	3.036	3.773	
193.831	1.000	14.731							
11/10/2016 3:14:45 PM	61200.000	143.965	21.332	328.141	5160.613	5549.370	3.037	3.774	
193.775	1.000	14.732							
11/10/2016 3:29:45 PM	62100.000	143.937	21.335	328.076	5160.882	5549.379	3.037	3.774	
193.765	1.000	14.738							
11/10/2016 3:44:45 PM	63000.000	143.930	21.330	328.061	5161.838	5550.978	3.038	3.775	
193.729	1.000	14.737							
11/10/2016 3:59:45 PM	63900.000	143.924	21.333	328.048	5162.659	5551.501	3.038	3.775	
193.699	1.000	14.737							
11/10/2016 4:14:45 PM	64800.000	143.907	21.338	328.009	5164.179	5552.565	3.039	3.776	
193.642	1.000	14.739							
11/10/2016 4:29:45 PM	65700.000	143.912	21.338	328.020	5164.458	5552.845	3.039	3.776	
193.631	1.000	14.738							
11/10/2016 4:44:45 PM	66600.000	143.898	21.336	327.987	5163.451	5551.992	3.038	3.775	
193.669	1.000	14.743							
11/10/2016 4:59:45 PM	67500.000	143.945	21.326	328.096	5163.673	5553.410	3.039	3.776	
193.661	1.000	14.730							
11/10/2016 5:14:45 PM	68400.000	143.885	21.323	327.959	5163.729	5553.741	3.039	3.777	
193.658	1.000	14.745							
11/10/2016 5:29:45 PM	69300.000	143.890	21.323	327.969	5164.846	5555.012	3.040	3.777	
193.617	1.000	14.744							
11/10/2016 5:44:45 PM	70200.000	143.880	21.326	327.946	5167.915	5557.982	3.042	3.779	
193.502	1.000	14.741							
11/10/2016 5:59:45 PM	71100.000	143.900	21.326	327.992	5166.044	5555.910	3.041	3.778	
193.572	1.000	14.748							
11/10/2016 6:14:45 PM	72000.000	143.870	21.330	327.923	5167.058	5556.590	3.041	3.778	
193.534	1.000	14.744							
11/10/2016 6:29:45 PM	72900.000	143.849	21.332	327.876	5168.205	5557.603	3.042	3.779	
193.491	1.000	14.745							
11/10/2016 6:44:45 PM	73800.000	143.854	21.330	327.888	5168.649	5558.243	3.042	3.780	
193.474	1.000	14.740							
11/10/2016 6:59:45 PM	74700.000	143.876	21.331	327.937	5168.567	5558.013	3.042	3.779	
193.477	1.000	14.744							
11/10/2016 7:14:45 PM	75600.000	143.832	21.335	327.837	5169.992	5559.105	3.043	3.780	
193.424	1.000	14.745							
11/10/2016 7:29:45 PM	76500.000	143.829	21.335	327.831	5169.750	5558.845	3.042	3.780	
193.433	1.000	14.741							
11/10/2016 7:44:45 PM	77400.000	143.838	21.337	327.851	5169.910	5558.796	3.042	3.780	
193.427	1.000	14.742							
11/10/2016 7:59:45 PM	78300.000	143.864	21.339	327.911	5171.057	5559.850	3.043	3.781	
193.384	1.000	14.750							
11/10/2016 8:14:45 PM	79200.000	143.814	21.343	327.796	5171.449	5559.821	3.043	3.781	
193.369	1.000	14.743							
11/10/2016 8:29:45 PM	80100.000	143.845	21.344	327.866	5172.323	5560.602	3.043	3.781	
193.337	1.000	14.748							
11/10/2016 8:44:45 PM	81000.000	143.813	21.344	327.794	5171.672	5559.901	3.043	3.781	
193.361	1.000	14.751							
11/10/2016 8:59:45 PM	81900.000	143.850	21.343	327.878	5171.750	5560.144	3.043	3.781	
193.358	1.000	14.745							
11/10/2016 9:14:45 PM	82800.000	143.837	21.339	327.850	5172.685	5561.541	3.044	3.782	
193.323	1.000	14.750							
11/10/2016 9:29:45 PM	83700.000	143.837	21.341	327.848	5173.233	5561.920	3.044	3.782	
193.303	1.000	14.754							
11/10/2016 9:44:45 PM	84600.000	143.844	21.345	327.864	5173.041	5561.302	3.044	3.782	
193.310	1.000	14.748							
11/10/2016 9:59:45 PM	85500.000	143.800	21.341	327.764	5172.704	5561.412	3.044	3.782	
193.322	1.000	14.752							
11/10/2016 10:14:45 PM	86400.000	143.836	21.342	327.847	5173.558	5562.229	3.044	3.782	
193.291	1.000	14.752							
11/10/2016 10:29:45 PM	87300.000	143.806	21.345	327.779	5174.027	5562.323	3.044	3.782	
193.273	1.000	14.749							
11/10/2016 10:44:45 PM	88200.000	143.796	21.347	327.754	5175.610	5563.865	3.045	3.783	
193.214	1.000	14.754							
11/10/2016 10:59:45 PM	89100.000	143.790	21.348	327.741	5175.104	5563.150	3.045	3.783	
193.233	1.000	14.754							
11/10/2016 11:14:45 PM	90000.000	143.797	21.351	327.757	5175.956	5563.745	3.045	3.783	
193.201	1.000	14.751							
11/10/2016 11:29:45 PM	90900.000	143.793	21.353	327.748	5175.945	5563.473	3.045	3.783	
193.201	1.000	14.758							
11/10/2016 11:44:45 PM	91800.000	143.832	21.356	327.838	5176.979	5564.225	3.046	3.784	
193.163	1.000	14.757							
11/10/2016 11:59:45 PM	92700.000	143.836	21.345	327.847	5175.993	5564.506	3.046	3.784	
193.200	1.000	14.756							
11/11/2016 12:14:45 AM	93600.000	143.806	21.335	327.778	5167.957	5556.986	3.041	3.779	
193.500	1.000	14.759							
11/11/2016 12:29:45 AM	94500.000	143.802	21.329	327.769	5159.662	5548.707	3.036	3.773	
193.811	1.000	14.762							
11/11/2016 12:44:45 AM	95400.000	143.827	21.327	327.827	5151.249	5539.869	3.031	3.767	
194.128	1.000	14.756							
11/11/2016 12:59:45 AM	96300.000	143.816	21.323	327.801	5142.868	5531.354	3.026	3.761	
194.444	1.000	14.759							
11/11/2016 1:14:45 AM	97200.000	143.824	21.311	327.819	5135.674	5524.978	3.023	3.757	
194.716	1.000	14.759							
11/11/2016 1:29:45 AM	98100.000	143.823	21.308	327.818	5127.500	5516.563	3.018	3.751	
195.027	1.000	14.757							
11/11/2016 1:44:45 AM	99000.000	143.835	21.307	327.844	5124.898	5513.813	3.016	3.749	
195.126	1.000	14.753							
11/11/2016 1:59:45 AM	99900.000	143.831	21.308	327.836	5123.653	5512.374	3.015	3.748	
195.173	1.000	14.758							
11/11/2016 2:14:45 AM	100800.000	143.842	21.308	327.859	5122.314	5510.983	3.014	3.747	
195.224	1.000	14.751							
11/11/2016 2:29:45 AM	101700.000	143.830	21.310	327.832	5122.112	5510.538	3.014	3.747	
195.232	1.000	14.752							
11/11/2016 2:44:45 AM	102600.000	143.882	21.311	327.951	5122.513	5510.750	3.014	3.747	
195.217	1.000	14.753							
11/11/2016 2:59:45 AM	103500.000	143.849	21.310	327.875	5123.294	5511.780	3.015	3.748	
195.187	1.000	14.752							
11/11/2016 3:14:45 AM	104400.000	143.843	21.313	327.863	5122.515	5510.554	3.014	3.747	
195.217	1.000	14.745							
11/11/2016 3:29:45 AM	105300.000	143.841	21.312	327.857	5122.864	5511.079	3.015	3.748	
195.203	1.000	14.754							
11/11/2016 3:44:45 AM	106200.000	143.862	21.312	327.907	5122.605	5510.781	3.014	3.747	
195.213	1.000	14.744							
11/11/2016 3:59:45 AM	107100.000	143.856	21.315	327.892	5122.026	5509.800	3.014	3.747	
195.235	1.000	14.743							
11/11/2016 4:14:45 AM	108000.000	143.853	21.318	327.884	5124.554	5512.261	3.015	3.748	
195.139	1.000	14.744							
11/11/2016 4:29:45 AM	108900.000	143.854	21.314	327.888	5123.345	5511.309	3.015	3.748	
195.185	1.000	14.743							
11/11/2016 4:44:45 AM	109800.000	143.856	21.316	327.891	5123.961	5511.802	3.015	3.748	
195.161	1.000	14.745							
11/11/2016 4:59:45 AM	110700.000	143.859	21.315	327.900	5125.705	5513.778	3.016	3.749	
195.095	1.000	14.750							
11/11/2016 5:14:45 AM	111600.000	143.862	21.317	327.906	5127.130	5515.103	3.017	3.750	
195.041	1.000	14.744							
11/11/2016 5:29:45 AM	112500.000	143.865	21.316	327.912	5128.280	5516.458	3.018	3.751	
194.997	1.000	14.746							
11/11/2016 5:44:45 AM	113400.000	143.861	21.319	327.903	5130.510	5518.449	3.019	3.753	
194.912	1.000	14.751							
11/11/2016 5:59:45 AM	114300.000	143.879	21.315	327.945	5130.969	5519.430	3.019	3.753	
194.895	1.000	14.741							
11/11/2016 6:14:45 AM	115200.000	143.878	21.323	327.943	5132.827	5520.484	3.020	3.754	
194.824	1.000	14.745							
11/11/2016 6:29:45 AM	116100.000	143.884	21.323	327.956	5133.652	5521.411	3.021	3.755	
194.793	1.000	14.750							
11/11/2016 6:44:45 AM	117000.000	143.884	21.317	327.955	5134.872	5523.399	3.022	3.756	
194.747	1.000	14.753							

11/11/2016 6:59:45 AM	117900.000	143.889	21.321	327.967	5135.753	5523.930	3.022	3.756
194.713	1.000	14.755						
11/11/2016 7:14:45 AM	118800.000	143.890	21.322	327.969	5136.482	5524.565	3.022	3.757
194.686	1.000	14.754						
11/11/2016 7:29:45 AM	119700.000	143.895	21.323	327.980	5138.356	5526.490	3.024	3.758
194.615	1.000	14.756						
11/11/2016 7:44:45 AM	120600.000	143.890	21.325	327.970	5139.224	5527.225	3.024	3.759
194.582	1.000	14.756						
11/11/2016 7:59:45 AM	121500.000	143.905	21.320	328.005	5140.112	5528.678	3.025	3.760
194.548	1.000	14.753						
11/11/2016 8:14:45 AM	122400.000	143.904	21.321	328.001	5140.048	5528.580	3.025	3.759
194.551	1.000	14.764						
11/11/2016 8:29:45 AM	123300.000	143.912	21.324	328.021	5141.184	5529.374	3.025	3.760
194.508	1.000	14.760						
11/11/2016 8:44:45 AM	124200.000	143.919	21.330	328.036	5142.409	5530.103	3.026	3.760
194.461	1.000	14.758						
11/11/2016 8:59:45 AM	125100.000	143.926	21.326	328.052	5142.746	5530.883	3.026	3.761
194.449	1.000	14.759						
11/11/2016 9:14:45 AM	126000.000	143.955	21.326	328.119	5143.929	5532.166	3.027	3.762
194.404	1.000	14.768						
11/11/2016 9:29:45 AM	126900.000	143.928	21.323	328.056	5143.893	5532.407	3.027	3.762
194.405	1.000	14.765						
11/11/2016 9:44:45 AM	127800.000	143.928	21.327	328.056	5145.147	5533.297	3.028	3.763
194.358	1.000	14.766						
11/11/2016 9:59:45 AM	128700.000	143.928	21.333	328.057	5146.511	5534.166	3.028	3.763
194.306	1.000	14.766						
11/11/2016 10:14:45 AM	129600.000	143.939	21.332	328.081	5147.088	5534.796	3.028	3.764
194.285	1.000	14.760						
11/11/2016 10:29:45 AM	130500.000	143.942	21.333	328.088	5147.404	5535.056	3.029	3.764
194.273	1.000	14.759						
11/11/2016 10:44:45 AM	131400.000	143.905	21.332	328.004	5147.014	5534.806	3.028	3.764
194.287	1.000	14.759						
11/11/2016 10:59:45 AM	132300.000	143.939	21.332	328.081	5148.045	5535.855	3.029	3.764
194.249	1.000	14.763						
11/11/2016 11:14:45 AM	133200.000	143.947	21.327	328.100	5148.330	5536.809	3.030	3.765
194.238	1.000	14.755						
11/11/2016 11:29:45 AM	134100.000	143.909	21.325	328.014	5148.486	5537.138	3.030	3.765
194.232	1.000	14.760						
11/11/2016 11:44:45 AM	135000.000	143.947	21.327	328.100	5149.338	5537.883	3.030	3.766
194.200	1.000	14.756						
11/11/2016 11:59:45 AM	135900.000	143.945	21.331	328.096	5150.325	5538.396	3.030	3.766
194.163	1.000	14.755						
11/11/2016 12:14:45 PM	136800.000	143.945	21.322	328.096	5149.584	5538.647	3.031	3.766
194.190	1.000	14.755						
11/11/2016 12:29:45 PM	137700.000	143.938	21.329	328.079	5150.799	5539.156	3.031	3.767
194.145	1.000	14.758						
11/11/2016 12:44:45 PM	138600.000	143.942	21.323	328.087	5148.979	5537.956	3.030	3.766
194.213	1.000	14.755						
11/11/2016 12:59:45 PM	139500.000	143.941	21.321	328.087	5151.482	5540.808	3.032	3.768
194.119	1.000	14.755						
11/11/2016 1:14:45 PM	140400.000	143.929	21.332	328.058	5152.990	5541.192	3.032	3.768
194.062	1.000	14.757						
11/11/2016 1:29:45 PM	141300.000	143.963	21.331	328.136	5152.826	5541.186	3.032	3.768
194.068	1.000	14.758						
11/11/2016 1:44:45 PM	142200.000	143.921	21.332	328.041	5153.121	5541.333	3.032	3.768
194.057	1.000	14.760						
11/11/2016 1:59:45 PM	143100.000	143.915	21.332	328.026	5153.497	5541.787	3.032	3.768
194.043	1.000	14.765						
11/11/2016 2:14:45 PM	144000.000	143.930	21.325	328.061	5153.379	5542.459	3.033	3.769
194.047	1.000	14.745						
11/11/2016 2:29:45 PM	144900.000	143.908	21.329	328.010	5153.502	5542.123	3.033	3.769
194.043	1.000	14.761						
11/11/2016 2:44:45 PM	145800.000	143.908	21.323	328.011	5154.045	5543.364	3.033	3.769
194.022	1.000	14.761						
11/11/2016 2:59:45 PM	146700.000	143.911	21.320	328.017	5154.782	5544.467	3.034	3.770
193.995	1.000	14.770						
11/11/2016 3:14:45 PM	147600.000	143.903	21.326	327.999	5155.037	5544.062	3.034	3.770
193.985	1.000	14.760						
11/11/2016 3:29:45 PM	148500.000	143.895	21.336	327.980	5156.083	5544.120	3.034	3.770
193.946	1.000	14.766						
11/11/2016 3:44:45 PM	149400.000	143.886	21.339	327.960	5156.273	5543.884	3.034	3.770
193.939	1.000	14.771						
11/11/2016 3:59:45 PM	150300.000	143.888	21.339	327.966	5157.621	5545.384	3.035	3.771
193.888	1.000	14.762						
11/11/2016 4:14:45 PM	151200.000	143.874	21.341	327.933	5157.890	5545.454	3.035	3.771
193.878	1.000	14.765						
11/11/2016 4:29:45 PM	152100.000	143.866	21.344	327.914	5159.476	5546.830	3.035	3.772
193.818	1.000	14.765						
11/11/2016 4:44:45 PM	153000.000	143.860	21.342	327.901	5159.120	5546.676	3.035	3.772
193.832	1.000	14.771						
11/11/2016 4:59:45 PM	153900.000	143.863	21.343	327.908	5158.825	5546.249	3.035	3.771
193.843	1.000	14.769						
11/11/2016 5:14:45 PM	154800.000	143.898	21.340	327.987	5159.141	5546.948	3.035	3.772
193.831	1.000	14.770						
11/11/2016 5:29:45 PM	155700.000	143.879	21.341	327.946	5159.626	5547.331	3.036	3.772
193.812	1.000	14.773						
11/11/2016 5:44:45 PM	156600.000	143.843	21.342	327.863	5160.422	5548.006	3.036	3.773
193.783	1.000	14.775						
11/11/2016 5:59:45 PM	157500.000	143.834	21.342	327.842	5160.913	5548.543	3.036	3.773
193.764	1.000	14.780						
11/11/2016 6:14:45 PM	158400.000	143.824	21.342	327.819	5159.890	5547.474	3.036	3.772
193.803	1.000	14.778						
11/11/2016 6:29:45 PM	159300.000	143.819	21.344	327.807	5160.329	5547.757	3.036	3.772
193.786	1.000	14.778						
11/11/2016 6:44:45 PM	160200.000	143.855	21.343	327.889	5160.593	5548.130	3.036	3.773
193.776	1.000	14.779						
11/11/2016 6:59:45 PM	161100.000	143.809	21.343	327.785	5160.263	5547.765	3.036	3.772
193.789	1.000	14.775						
11/11/2016 7:14:45 PM	162000.000	143.841	21.340	327.859	5161.285	5549.194	3.037	3.773
193.750	1.000	14.770						
11/11/2016 7:29:45 PM	162900.000	143.798	21.340	327.760	5161.373	5549.348	3.037	3.774
193.747	1.000	14.773						
11/11/2016 7:44:45 PM	163800.000	143.837	21.343	327.848	5162.009	5549.622	3.037	3.774
193.723	1.000	14.759						
11/11/2016 7:59:45 PM	164700.000	143.791	21.344	327.743	5162.458	5550.015	3.037	3.774
193.706	1.000	14.761						
11/11/2016 8:14:45 PM	165600.000	143.824	21.343	327.820	5162.814	5550.538	3.038	3.774
193.693	1.000	14.759						
11/11/2016 8:29:45 PM	166500.000	143.795	21.346	327.754	5163.410	5550.799	3.038	3.775
193.670	1.000	14.754						
11/11/2016 8:44:45 PM	167400.000	143.815	21.343	327.800	5164.164	5551.959	3.038	3.775
193.642	1.000	14.761						
11/11/2016 8:59:45 PM	168300.000	143.778	21.344	327.714	5164.633	5552.324	3.039	3.776
193.625	1.000	14.764						
11/11/2016 9:14:45 PM	169200.000	143.772	21.345	327.700	5164.918	5552.510	3.039	3.776
193.614	1.000	14.759						
11/11/2016 9:29:45 PM	170100.000	143.813	21.347	327.793	5165.243	5552.710	3.039	3.776
193.602	1.000	14.760						
11/11/2016 9:44:45 PM	171000.000	143.813	21.347	327.795	5165.466	5552.879	3.039	3.776
193.593	1.000	14.762						
11/11/2016 9:59:45 PM	171900.000	143.774	21.351	327.704	5166.329	5553.348	3.039	3.776
193.561	1.000	14.777						
11/11/2016 10:14:45 PM	172800.000	143.794	21.348	327.751	5166.494	5553.934	3.040	3.777
193.555	1.000	14.777						
11/11/2016 10:29:45 PM	173700.000	143.781	21.336	327.721	5161.388	5549.754	3.037	3.774
193.746	1.000	14.767						
11/11/2016 10:44:45 PM	174600.000	143.779	21.332	327.718	5156.000	5544.488	3.034	3.770
193.949	1.000	14.773						
11/11/2016 10:59:45 PM	175500.000	143.775	21.328	327.708	5149.245	5537.594	3.030	3.766
194.203	1.000	14.776						
11/11/2016 11:14:45 PM	176400.000	143.778	21.327	327.714	5143.233	5531.220	3.026	3.761
194.430	1.000	14.781						
11/11/2016 11:29:45 PM	177300.000	143.780	21.326	327.720	5137.980	5525.718	3.023	3.757

194.629	1.000	14.782						
11/11/2016 11:44:45 PM	178200.000	143.777	21.325	327.713	5132.622	5520.035	3.020	3.754
194.832	1.000	14.781						
11/11/2016 11:59:45 PM	179100.000	143.825	21.325	327.821	5127.959	5515.051	3.017	3.750
195.009	1.000	14.774						
11/12/2016 12:14:45 AM	180000.000	143.784	21.325	327.728	5124.102	5510.912	3.014	3.747
195.156	1.000	14.773						
11/12/2016 12:29:45 AM	180900.000	143.789	21.325	327.740	5119.431	5505.958	3.012	3.744
195.334	1.000	14.778						
11/12/2016 12:44:45 AM	181800.000	143.824	21.325	327.820	5115.705	5501.931	3.009	3.741
195.476	1.000	14.783						
11/12/2016 12:59:45 AM	182700.000	143.789	21.325	327.739	5112.933	5498.958	3.007	3.739
195.582	1.000	14.776						
11/12/2016 1:14:45 AM	183600.000	143.830	21.324	327.833	5109.479	5495.314	3.005	3.737
195.715	1.000	14.777						
11/12/2016 1:29:45 AM	184500.000	143.789	21.320	327.741	5106.363	5492.427	3.004	3.735
195.834	1.000	14.777						
11/12/2016 1:44:45 AM	185400.000	143.804	21.306	327.773	5102.232	5489.515	3.002	3.733
195.993	1.000	14.780						
11/12/2016 1:59:45 AM	186300.000	143.803	21.303	327.770	5097.371	5484.681	2.999	3.730
196.180	1.000	14.785						
11/12/2016 2:14:45 AM	187200.000	143.815	21.303	327.798	5093.755	5480.820	2.997	3.727
196.319	1.000	14.778						
11/12/2016 2:29:45 AM	188100.000	143.809	21.305	327.784	5092.374	5479.007	2.996	3.726
196.372	1.000	14.780						
11/12/2016 2:44:45 AM	189000.000	143.812	21.308	327.791	5091.712	5478.000	2.995	3.725
196.398	1.000	14.781						
11/12/2016 2:59:45 AM	189900.000	143.824	21.310	327.820	5091.623	5477.697	2.995	3.725
196.401	1.000	14.783						
11/12/2016 3:14:45 AM	190800.000	143.828	21.308	327.829	5091.259	5477.472	2.995	3.725
196.415	1.000	14.780						
11/12/2016 3:29:45 AM	191700.000	143.822	21.312	327.814	5092.073	5477.955	2.995	3.725
196.384	1.000	14.786						
11/12/2016 3:44:45 AM	192600.000	143.833	21.313	327.840	5093.079	5478.857	2.996	3.726
196.345	1.000	14.779						
11/12/2016 3:59:45 AM	193500.000	143.821	21.312	327.813	5093.348	5479.355	2.996	3.726
196.335	1.000	14.782						
11/12/2016 4:14:45 AM	194400.000	143.835	21.311	327.845	5093.121	5479.130	2.996	3.726
196.343	1.000	14.783						
11/12/2016 4:29:45 AM	195300.000	143.869	21.315	327.921	5094.362	5480.042	2.996	3.726
196.295	1.000	14.783						
11/12/2016 4:44:45 AM	196200.000	143.839	21.314	327.852	5094.899	5480.718	2.997	3.727
196.275	1.000	14.784						
11/12/2016 4:59:45 AM	197100.000	143.806	21.316	327.778	5097.587	5483.421	2.998	3.729
196.171	1.000	14.778						
11/12/2016 5:14:45 AM	198000.000	143.841	21.316	327.858	5099.384	5485.384	3.000	3.730
196.102	1.000	14.784						
11/12/2016 5:29:45 AM	198900.000	143.855	21.313	327.891	5099.755	5486.090	3.000	3.731
196.088	1.000	14.778						
11/12/2016 5:44:45 AM	199800.000	143.861	21.315	327.903	5101.205	5487.413	3.001	3.731
196.032	1.000	14.775						
11/12/2016 5:59:45 AM	200700.000	143.846	21.315	327.870	5102.961	5489.351	3.002	3.733
195.965	1.000	14.791						
11/12/2016 6:14:45 AM	201600.000	143.854	21.319	327.887	5104.248	5490.260	3.002	3.733
195.915	1.000	14.784						
11/12/2016 6:29:45 AM	202500.000	143.867	21.319	327.918	5106.778	5492.923	3.004	3.735
195.818	1.000	14.786						
11/12/2016 6:44:45 AM	203400.000	143.877	21.316	327.940	5106.563	5493.127	3.004	3.735
195.826	1.000	14.789						
11/12/2016 6:59:45 AM	204300.000	143.867	21.319	327.918	5108.604	5494.927	3.005	3.737
195.748	1.000	14.792						
11/12/2016 7:14:45 AM	205200.000	143.884	21.325	327.957	5110.108	5495.872	3.006	3.737
195.691	1.000	14.794						
11/12/2016 7:29:45 AM	206100.000	143.881	21.321	327.950	5111.302	5497.621	3.007	3.738
195.645	1.000	14.799						
11/12/2016 7:44:45 AM	207000.000	143.887	21.318	327.963	5111.908	5498.600	3.007	3.739
195.622	1.000	14.801						
11/12/2016 7:59:45 AM	207900.000	143.885	21.326	327.959	5113.330	5499.267	3.008	3.740
195.567	1.000	14.798						
11/12/2016 8:14:45 AM	208800.000	143.888	21.328	327.964	5115.618	5501.490	3.009	3.741
195.480	1.000	14.805						
11/12/2016 8:29:45 AM	209700.000	143.895	21.324	327.981	5115.976	5502.280	3.009	3.742
195.466	1.000	14.808						
11/12/2016 8:44:45 AM	210600.000	143.899	21.321	327.991	5116.840	5503.577	3.010	3.742
195.433	1.000	14.811						
11/12/2016 8:59:45 AM	211500.000	143.911	21.330	328.017	5118.920	5504.774	3.011	3.743
195.354	1.000	14.803						
11/12/2016 9:14:45 AM	212400.000	143.907	21.329	328.008	5120.720	5506.819	3.012	3.745
195.285	1.000	14.805						
11/12/2016 9:29:45 AM	213300.000	143.910	21.331	328.015	5122.037	5508.076	3.013	3.745
195.235	1.000	14.803						
11/12/2016 9:44:45 AM	214200.000	143.925	21.330	328.050	5123.164	5509.397	3.014	3.746
195.192	1.000	14.803						
11/12/2016 9:59:45 AM	215100.000	143.923	21.326	328.044	5123.406	5510.114	3.014	3.747
195.183	1.000	14.802						
11/12/2016 10:14:45 AM	216000.000	143.927	21.329	328.055	5125.736	5512.262	3.015	3.748
195.094	1.000	14.804						
11/12/2016 10:29:45 AM	216900.000	143.931	21.322	328.064	5126.002	5513.313	3.016	3.749
195.084	1.000	14.802						
11/12/2016 10:44:45 AM	217800.000	143.940	21.324	328.083	5127.323	5514.456	3.017	3.750
195.034	1.000	14.794						
11/12/2016 10:59:45 AM	218700.000	143.939	21.319	328.082	5127.692	5515.448	3.017	3.751
195.020	1.000	14.795						
11/12/2016 11:14:45 AM	219600.000	143.936	21.322	328.074	5129.101	5516.686	3.018	3.751
194.966	1.000	14.792						
11/12/2016 11:29:45 AM	220500.000	143.932	21.331	328.065	5132.530	5519.331	3.019	3.753
194.836	1.000	14.789						
11/12/2016 11:44:45 AM	221400.000	143.937	21.333	328.077	5133.825	5520.424	3.020	3.754
194.787	1.000	14.784						
11/12/2016 11:59:45 AM	222300.000	143.940	21.325	328.084	5133.418	5520.921	3.020	3.754
194.802	1.000	14.779						
11/12/2016 12:14:45 PM	223200.000	143.931	21.324	328.064	5134.052	5521.752	3.021	3.755
194.778	1.000	14.776						
11/12/2016 12:29:45 PM	224100.000	143.938	21.325	328.079	5134.422	5522.071	3.021	3.755
194.764	1.000	14.772						
11/12/2016 12:44:45 PM	225000.000	143.923	21.326	328.045	5135.052	5522.539	3.021	3.755
194.740	1.000	14.774						
11/12/2016 12:59:45 PM	225900.000	143.916	21.336	328.028	5136.768	5523.342	3.022	3.756
194.675	1.000	14.771						
11/12/2016 1:14:45 PM	226800.000	143.910	21.329	328.015	5137.185	5524.584	3.022	3.757
194.659	1.000	14.774						
11/12/2016 1:29:45 PM	227700.000	143.909	21.334	328.012	5138.587	5525.496	3.023	3.757
194.606	1.000	14.764						
11/12/2016 1:44:45 PM	228600.000	143.898	21.323	327.987	5137.455	5525.472	3.023	3.757
194.649	1.000	14.770						
11/12/2016 1:59:45 PM	229500.000	143.891	21.325	327.972	5138.678	5526.589	3.024	3.758
194.603	1.000	14.779						
11/12/2016 2:14:45 PM	230400.000	143.926	21.320	328.051	5139.083	5527.642	3.024	3.759
194.587	1.000	14.772						
11/12/2016 2:29:45 PM	231300.000	143.876	21.318	327.938	5138.115	5526.799	3.024	3.758
194.624	1.000	14.773						
11/12/2016 2:44:45 PM	232200.000	143.909	21.323	328.014	5139.716	5527.974	3.024	3.759
194.563	1.000	14.770						
11/12/2016 2:59:45 PM	233100.000	143.892	21.328	327.975	5141.218	5529.033	3.025	3.760
194.506	1.000	14.775						
11/12/2016 3:14:45 PM	234000.000	143.846	21.334	327.870	5142.551	5529.788	3.025	3.760
194.456	1.000	14.775						
11/12/2016 3:29:45 PM	234900.000	143.835	21.333	327.845	5142.685	5530.013	3.026	3.760
194.451	1.000	14.773						
11/12/2016 3:44:45 PM	235800.000	143.842	21.333	327.859	5142.963	5530.351	3.026	3.761
194.440	1.000	14.771						
11/12/2016 3:59:45 PM	236700.000	143.830	21.337	327.832	5143.319	5530.176	3.026	3.761
194.427	1.000	14.767						

11/12/2016 4:14:45 PM	237600.000	143.817	21.338	327.803	5143.940	5530.784	3.026	3.761	
194.404	1.000	14.775							
11/12/2016 4:29:45 PM	238500.000	143.844	21.335	327.864	5143.777	5530.908	3.026	3.761	
194.410	1.000	14.773							
11/12/2016 4:44:45 PM	239400.000	143.804	21.337	327.774	5144.755	5531.770	3.027	3.762	
194.373	1.000	14.775							
11/12/2016 4:59:45 PM	240300.000	143.798	21.337	327.760	5144.342	5531.335	3.026	3.761	
194.388	1.000	14.777							
11/12/2016 5:14:45 PM	241200.000	143.788	21.334	327.738	5143.975	5531.289	3.026	3.761	
194.402	1.000	14.778							
11/12/2016 5:29:45 PM	242100.000	143.782	21.336	327.723	5145.054	5532.220	3.027	3.762	
194.361	1.000	14.778							
11/12/2016 5:44:45 PM	243000.000	143.771	21.339	327.697	5145.840	5532.686	3.027	3.762	
194.332	1.000	14.782							
11/12/2016 5:59:45 PM	243900.000	143.803	21.341	327.772	5146.009	5532.710	3.027	3.762	
194.325	1.000	14.779							
11/12/2016 6:14:45 PM	244800.000	143.754	21.346	327.661	5146.518	5532.670	3.027	3.762	
194.306	1.000	14.785							
11/12/2016 6:29:45 PM	245700.000	143.797	21.342	327.759	5145.658	5532.123	3.027	3.762	
194.339	1.000	14.780							
11/12/2016 6:44:45 PM	246600.000	143.755	21.337	327.663	5146.793	5533.951	3.028	3.763	
194.296	1.000	14.780							
11/12/2016 6:59:45 PM	247500.000	143.785	21.339	327.731	5146.619	5533.555	3.028	3.763	
194.302	1.000	14.784							
11/12/2016 7:14:45 PM	248400.000	143.775	21.342	327.708	5146.204	5532.760	3.027	3.762	
194.318	1.000	14.783							
11/12/2016 7:29:45 PM	249300.000	143.732	21.343	327.610	5147.593	5534.095	3.028	3.763	
194.266	1.000	14.774							
11/12/2016 7:44:45 PM	250200.000	143.727	21.341	327.599	5146.968	5533.741	3.028	3.763	
194.289	1.000	14.774							
11/12/2016 7:59:45 PM	251100.000	143.726	21.346	327.595	5148.345	5534.644	3.028	3.764	
194.237	1.000	14.777							
11/12/2016 8:14:45 PM	252000.000	143.765	21.349	327.685	5149.177	5535.110	3.029	3.764	
194.206	1.000	14.774							
11/12/2016 8:29:45 PM	252900.000	143.758	21.347	327.669	5149.327	5535.570	3.029	3.764	
194.200	1.000	14.782							
11/12/2016 8:44:45 PM	253800.000	143.722	21.344	327.587	5148.667	5535.139	3.029	3.764	
194.225	1.000	14.782							
11/12/2016 8:59:45 PM	254700.000	143.753	21.347	327.658	5150.287	5536.632	3.029	3.765	
194.164	1.000	14.783							
11/12/2016 9:14:45 PM	255600.000	143.724	21.346	327.591	5149.890	5536.314	3.029	3.765	
194.179	1.000	14.783							
11/12/2016 9:29:45 PM	256500.000	143.750	21.345	327.651	5150.500	5537.010	3.030	3.765	
194.156	1.000	14.784							
11/12/2016 9:44:45 PM	257400.000	143.747	21.346	327.645	5150.361	5536.762	3.030	3.765	
194.161	1.000	14.790							
11/12/2016 9:59:45 PM	258300.000	143.717	21.350	327.575	5151.647	5537.705	3.030	3.766	
194.113	1.000	14.788							
11/12/2016 10:14:45 PM	259200.000	143.740	21.353	327.628	5152.351	5538.172	3.030	3.766	
194.086	1.000	14.796							
11/12/2016 10:29:45 PM	260100.000	143.751	21.348	327.652	5151.964	5538.225	3.030	3.766	
194.101	1.000	14.797							
11/12/2016 10:44:45 PM	261000.000	143.752	21.337	327.655	5147.658	5534.841	3.028	3.764	
194.263	1.000	14.798							
11/12/2016 10:59:45 PM	261900.000	143.711	21.331	327.563	5141.084	5528.489	3.025	3.759	
194.512	1.000	14.801							
11/12/2016 11:14:45 PM	262800.000	143.729	21.327	327.602	5131.434	5518.559	3.019	3.753	
194.877	1.000	14.793							
11/12/2016 11:29:45 PM	263700.000	143.777	21.327	327.713	5123.817	5510.437	3.014	3.747	
195.167	1.000	14.795							
11/12/2016 11:44:45 PM	264600.000	143.741	21.322	327.629	5115.783	5502.292	3.009	3.742	
195.474	1.000	14.801							
11/12/2016 11:59:45 PM	265500.000	143.748	21.308	327.646	5107.911	5495.407	3.005	3.737	
195.775	1.000	14.792							
11/13/2016 12:14:45 AM	266400.000	143.754	21.305	327.660	5098.414	5485.595	3.000	3.730	
196.139	1.000	14.794							
11/13/2016 12:29:45 AM	267300.000	143.725	21.304	327.593	5093.731	5480.606	2.997	3.727	
196.320	1.000	14.793							
11/13/2016 12:44:45 AM	268200.000	143.755	21.306	327.661	5092.471	5479.092	2.996	3.726	
196.368	1.000	14.795							
11/13/2016 12:59:45 AM	269100.000	143.766	21.308	327.687	5091.718	5478.026	2.995	3.725	
196.397	1.000	14.792							
11/13/2016 1:14:45 AM	270000.000	143.733	21.308	327.611	5090.995	5477.269	2.995	3.725	
196.425	1.000	14.792							
11/13/2016 1:29:45 AM	270900.000	143.775	21.307	327.708	5091.002	5477.334	2.995	3.725	
196.425	1.000	14.795							
11/13/2016 1:44:45 AM	271800.000	143.770	21.310	327.696	5091.352	5477.435	2.995	3.725	
196.411	1.000	14.799							
11/13/2016 1:59:45 AM	272700.000	143.774	21.309	327.706	5092.353	5478.628	2.996	3.725	
196.373	1.000	14.799							
11/13/2016 2:14:45 AM	273600.000	143.783	21.309	327.726	5091.094	5477.265	2.995	3.725	
196.421	1.000	14.794							
11/13/2016 2:29:45 AM	274500.000	143.784	21.312	327.728	5092.513	5478.368	2.995	3.725	
196.367	1.000	14.796							
11/13/2016 2:44:45 AM	275400.000	143.818	21.313	327.807	5094.197	5480.110	2.996	3.726	
196.302	1.000	14.801							
11/13/2016 2:59:45 AM	276300.000	143.786	21.315	327.733	5094.642	5480.412	2.997	3.727	
196.285	1.000	14.796							
11/13/2016 3:14:45 AM	277200.000	143.791	21.313	327.744	5093.910	5479.801	2.996	3.726	
196.313	1.000	14.796							
11/13/2016 3:29:45 AM	278100.000	143.798	21.316	327.760	5097.251	5483.011	2.998	3.728	
196.184	1.000	14.790							
11/13/2016 3:44:45 AM	279000.000	143.802	21.313	327.770	5097.051	5483.151	2.998	3.729	
196.192	1.000	14.795							
11/13/2016 3:59:45 AM	279900.000	143.805	21.317	327.776	5098.443	5484.234	2.999	3.729	
196.138	1.000	14.788							
11/13/2016 4:14:45 AM	280800.000	143.809	21.318	327.785	5100.189	5485.984	3.000	3.730	
196.071	1.000	14.791							
11/13/2016 4:29:45 AM	281700.000	143.816	21.314	327.801	5100.923	5487.237	3.001	3.731	
196.043	1.000	14.793							
11/13/2016 4:44:45 AM	282600.000	143.815	21.318	327.800	5101.881	5487.794	3.001	3.732	
196.006	1.000	14.796							
11/13/2016 4:59:45 AM	283500.000	143.818	21.322	327.806	5104.776	5490.435	3.003	3.733	
195.895	1.000	14.797							
11/13/2016 5:14:45 AM	284400.000	143.850	21.321	327.879	5106.135	5492.052	3.003	3.735	
195.843	1.000	14.798							
11/13/2016 5:29:45 AM	285300.000	143.830	21.319	327.833	5106.268	5492.394	3.004	3.735	
195.838	1.000	14.792							
11/13/2016 5:44:45 AM	286200.000	143.833	21.321	327.839	5108.187	5494.299	3.005	3.736	
195.764	1.000	14.796							
11/13/2016 5:59:45 AM	287100.000	143.827	21.317	327.825	5109.532	5496.202	3.006	3.737	
195.713	1.000	14.801							
11/13/2016 6:14:45 AM	288000.000	143.835	21.325	327.845	5110.871	5496.672	3.006	3.738	
195.661	1.000	14.800							
11/13/2016 6:29:45 AM	288900.000	143.835	21.324	327.843	5112.988	5499.107	3.008	3.739	
195.580	1.000	14.803							
11/13/2016 6:44:45 AM	289800.000	143.844	21.320	327.864	5112.613	5499.080	3.008	3.739	
195.595	1.000	14.805							
11/13/2016 6:59:45 AM	290700.000	143.845	21.320	327.868	5114.224	5500.843	3.009	3.741	
195.533	1.000	14.810							
11/13/2016 7:14:45 AM	291600.000	143.886	21.322	327.961	5115.669	5502.169	3.009	3.741	
195.478	1.000	14.807							
11/13/2016 7:29:45 AM	292500.000	143.885	21.330	327.958	5117.103	5502.840	3.010	3.742	
195.423	1.000	14.818							
11/13/2016 7:44:45 AM	293400.000	143.850	21.321	327.878	5117.452	5504.246	3.011	3.743	
195.410	1.000	14.813							
11/13/2016 7:59:45 AM	294300.000	143.863	21.326	327.907	5121.834	5508.383	3.013	3.746	
195.243	1.000	14.811							
11/13/2016 8:14:45 AM	295200.000	143.863	21.324	327.908	5121.857	5508.588	3.013	3.746	
195.242	1.000	14.820							
11/13/2016 8:29:45 AM	296100.000	143.882	21.321	327.950	5122.559	5509.688	3.014	3.747	
195.215	1.000	14.811							
11/13/2016 8:44:45 AM	297000.000	143.881	21.320	327.949	5122.353	5509.586	3.014	3.747	

195.223	1.000	14.818						
11/13/2016 8:59:45 AM	297900.000	143.874	21.325	327.932	5124.454	5511.340	3.015	3.748
195.143	1.000	14.816						
11/13/2016 9:14:45 AM	298800.000	143.925	21.323	328.049	5124.366	5511.444	3.015	3.748
195.146	1.000	14.813						
11/13/2016 9:29:45 AM	299700.000	143.891	21.323	327.971	5125.101	5512.265	3.015	3.748
195.118	1.000	14.813						
11/13/2016 9:44:45 AM	300600.000	143.922	21.328	328.043	5126.842	5513.511	3.016	3.749
195.052	1.000	14.815						
11/13/2016 9:59:45 AM	301500.000	143.888	21.328	327.965	5127.325	5514.031	3.016	3.750
195.033	1.000	14.824						
11/13/2016 10:14:45 AM	302400.000	143.907	21.322	328.009	5125.664	5512.989	3.016	3.749
195.097	1.000	14.810						
11/13/2016 10:29:45 AM	303300.000	143.901	21.321	327.996	5127.062	5514.571	3.017	3.750
195.044	1.000	14.816						
11/13/2016 10:44:45 AM	304200.000	143.941	21.320	328.086	5128.939	5516.700	3.018	3.751
194.972	1.000	14.817						
11/13/2016 10:59:45 AM	305100.000	143.903	21.320	328.000	5130.796	5518.728	3.019	3.753
194.902	1.000	14.812						
11/13/2016 11:14:45 AM	306000.000	143.900	21.327	327.991	5132.086	5519.251	3.019	3.753
194.853	1.000	14.816						
11/13/2016 11:29:45 AM	306900.000	143.908	21.328	328.012	5134.140	5521.430	3.021	3.755
194.775	1.000	14.812						
11/13/2016 11:44:45 AM	307800.000	143.901	21.328	327.994	5135.257	5522.571	3.021	3.755
194.732	1.000	14.810						
11/13/2016 11:59:45 AM	308700.000	143.907	21.327	328.010	5135.635	5523.057	3.022	3.756
194.718	1.000	14.804						
11/13/2016 12:14:45 PM	309600.000	143.902	21.324	327.996	5135.837	5523.682	3.022	3.756
194.710	1.000	14.799						
11/13/2016 12:29:45 PM	310500.000	143.910	21.333	328.016	5136.939	5523.824	3.022	3.756
194.668	1.000	14.803						
11/13/2016 12:44:45 PM	311400.000	143.908	21.330	328.011	5138.701	5526.116	3.023	3.758
194.602	1.000	14.805						
11/13/2016 12:59:45 PM	312300.000	143.907	21.327	328.010	5137.141	5524.735	3.023	3.757
194.661	1.000	14.802						
11/13/2016 1:14:45 PM	313200.000	143.906	21.323	328.006	5138.355	5526.521	3.024	3.758
194.615	1.000	14.805						
11/13/2016 1:29:45 PM	314100.000	143.904	21.327	328.002	5137.745	5525.317	3.023	3.757
194.638	1.000	14.803						
11/13/2016 1:44:45 PM	315000.000	143.920	21.330	328.038	5138.930	5526.302	3.023	3.758
194.593	1.000	14.797						
11/13/2016 1:59:45 PM	315900.000	143.904	21.329	328.001	5139.834	5527.393	3.024	3.759
194.559	1.000	14.801						
11/13/2016 2:14:45 PM	316800.000	143.939	21.332	328.081	5140.945	5528.230	3.025	3.759
194.517	1.000	14.797						
11/13/2016 2:29:45 PM	317700.000	143.900	21.331	327.992	5141.474	5528.909	3.025	3.760
194.497	1.000	14.800						
11/13/2016 2:44:45 PM	318600.000	143.901	21.328	327.995	5142.161	5529.996	3.026	3.760
194.471	1.000	14.795						
11/13/2016 2:59:45 PM	319500.000	143.900	21.320	327.992	5141.206	5529.914	3.026	3.760
194.507	1.000	14.802						
11/13/2016 3:14:45 PM	320400.000	143.901	21.328	327.994	5141.622	5529.426	3.025	3.760
194.491	1.000	14.801						
11/13/2016 3:29:45 PM	321300.000	143.899	21.326	327.989	5142.743	5530.811	3.026	3.761
194.449	1.000	14.802						
11/13/2016 3:44:45 PM	322200.000	143.903	21.320	327.998	5142.553	5531.333	3.026	3.761
194.456	1.000	14.805						
11/13/2016 3:59:45 PM	323100.000	143.905	21.322	328.004	5142.440	5531.022	3.026	3.761
194.460	1.000	14.801						
11/13/2016 4:14:45 PM	324000.000	143.898	21.334	327.988	5146.459	5533.930	3.028	3.763
194.308	1.000	14.803						
11/13/2016 4:29:45 PM	324900.000	143.903	21.333	327.998	5145.670	5533.212	3.027	3.763
194.338	1.000	14.801						
11/13/2016 4:44:45 PM	325800.000	143.924	21.334	328.048	5145.496	5532.864	3.027	3.762
194.345	1.000	14.807						
11/13/2016 4:59:45 PM	326700.000	143.933	21.336	328.067	5147.271	5534.575	3.028	3.764
194.278	1.000	14.801						
11/13/2016 5:14:45 PM	327600.000	143.894	21.337	327.980	5149.011	5536.306	3.029	3.765
194.212	1.000	14.803						
11/13/2016 5:29:45 PM	328500.000	143.891	21.337	327.973	5147.827	5535.093	3.029	3.764
194.257	1.000	14.802						
11/13/2016 5:44:45 PM	329400.000	143.888	21.336	327.965	5147.508	5534.839	3.028	3.764
194.269	1.000	14.808						
11/13/2016 5:59:45 PM	330300.000	143.889	21.334	327.967	5146.248	5533.733	3.028	3.763
194.316	1.000	14.800						
11/13/2016 6:14:45 PM	331200.000	143.886	21.330	327.961	5147.379	5535.339	3.029	3.764
194.274	1.000	14.806						
11/13/2016 6:29:45 PM	332100.000	143.885	21.330	327.958	5147.845	5535.840	3.029	3.764
194.256	1.000	14.805						
11/13/2016 6:44:45 PM	333000.000	143.880	21.331	327.948	5148.060	5535.991	3.029	3.764
194.248	1.000	14.809						
11/13/2016 6:59:45 PM	333900.000	143.922	21.337	328.043	5147.319	5534.517	3.028	3.763
194.276	1.000	14.809						
11/13/2016 7:14:45 PM	334800.000	143.879	21.335	327.944	5147.622	5535.141	3.029	3.764
194.264	1.000	14.818						
11/13/2016 7:29:45 PM	335700.000	143.885	21.337	327.958	5147.943	5535.256	3.029	3.764
194.252	1.000	14.815						
11/13/2016 7:44:45 PM	336600.000	143.881	21.335	327.949	5147.066	5534.503	3.028	3.763
194.285	1.000	14.814						
11/13/2016 7:59:45 PM	337500.000	143.882	21.334	327.952	5148.038	5535.628	3.029	3.764
194.249	1.000	14.812						
11/13/2016 8:14:45 PM	338400.000	143.891	21.325	327.972	5147.398	5535.957	3.029	3.764
194.273	1.000	14.813						
11/13/2016 8:29:45 PM	339300.000	143.928	21.324	328.056	5146.285	5534.878	3.028	3.764
194.315	1.000	14.811						
11/13/2016 8:44:45 PM	340200.000	143.898	21.321	327.988	5146.730	5535.677	3.029	3.764
194.298	1.000	14.811						
11/13/2016 8:59:45 PM	341100.000	143.928	21.324	328.057	5147.912	5536.659	3.029	3.765
194.254	1.000	14.813						
11/13/2016 9:14:45 PM	342000.000	143.892	21.326	327.974	5148.691	5537.288	3.030	3.765
194.224	1.000	14.817						
11/13/2016 9:29:45 PM	342900.000	143.887	21.327	327.964	5147.748	5536.124	3.029	3.765
194.260	1.000	14.818						
11/13/2016 9:44:45 PM	343800.000	143.896	21.334	327.983	5149.555	5537.279	3.030	3.765
194.192	1.000	14.813						
11/13/2016 9:59:45 PM	344700.000	143.900	21.340	327.992	5150.522	5537.592	3.030	3.766
194.155	1.000	14.817						
11/13/2016 10:14:45 PM	345600.000	143.895	21.333	327.980	5149.365	5537.215	3.030	3.765
194.199	1.000	14.822						
11/13/2016 10:29:45 PM	346500.000	143.908	21.329	328.012	5149.900	5538.189	3.030	3.766
194.179	1.000	14.819						
11/13/2016 10:44:45 PM	347400.000	143.910	21.327	328.014	5148.548	5537.043	3.030	3.765
194.230	1.000	14.818						
11/13/2016 10:59:45 PM	348300.000	143.914	21.332	328.025	5150.250	5538.296	3.030	3.766
194.165	1.000	14.819						
11/13/2016 11:14:45 PM	349200.000	143.950	21.340	328.106	5150.254	5537.403	3.030	3.765
194.165	1.000	14.818						
11/13/2016 11:29:45 PM	350100.000	143.919	21.327	328.036	5150.489	5539.130	3.031	3.767
194.156	1.000	14.823						
11/13/2016 11:44:45 PM	351000.000	143.969	21.335	328.150	5150.609	5538.344	3.030	3.766
194.152	1.000	14.815						
11/13/2016 11:59:45 PM	351900.000	143.972	21.330	328.156	5150.986	5539.228	3.031	3.767
194.138	1.000	14.821						
11/14/2016 12:14:45 AM	352800.000	143.939	21.326	328.082	5150.858	5539.557	3.031	3.767
194.142	1.000	14.814						
11/14/2016 12:29:45 AM	353700.000	143.939	21.334	328.081	5151.844	5539.721	3.031	3.767
194.105	1.000	14.817						
11/14/2016 12:44:45 AM	354600.000	143.948	21.333	328.103	5152.108	5540.094	3.031	3.767
194.095	1.000	14.815						
11/14/2016 12:59:45 AM	355500.000	143.984	21.332	328.183	5153.300	5541.507	3.032	3.768
194.050	1.000	14.816						
11/14/2016 1:14:45 AM	356400.000	143.988	21.329	328.194	5152.951	5541.539	3.032	3.768
194.064	1.000	14.815						

11/14/2016 1:29:45 AM	357300.000	143.953	21.335	328.113	5154.009	5541.920	3.033	3.769
194.024	1.000	14.813						
11/14/2016 1:44:45 AM	358200.000	143.963	21.334	328.135	5154.330	5542.454	3.033	3.769
194.012	1.000	14.814						
11/14/2016 1:59:45 AM	359100.000	143.964	21.327	328.138	5153.979	5542.795	3.033	3.769
194.025	1.000	14.817						
11/14/2016 2:14:45 AM	360000.000	143.975	21.326	328.164	5154.093	5543.036	3.033	3.769
194.021	1.000	14.816						
11/14/2016 2:29:45 AM	360900.000	143.983	21.324	328.182	5154.671	5543.898	3.034	3.770
193.999	1.000	14.808						
11/14/2016 2:44:45 AM	361800.000	143.982	21.334	328.180	5156.227	5544.453	3.034	3.770
193.940	1.000	14.815						
11/14/2016 2:59:45 AM	362700.000	143.977	21.332	328.167	5158.190	5546.824	3.035	3.772
193.866	1.000	14.813						
11/14/2016 3:14:45 AM	363600.000	143.987	21.325	328.190	5157.875	5547.254	3.036	3.772
193.878	1.000	14.809						
11/14/2016 3:29:45 AM	364500.000	143.999	21.324	328.218	5158.413	5547.962	3.036	3.773
193.858	1.000	14.809						
11/14/2016 3:44:45 AM	365400.000	143.998	21.324	328.215	5160.453	5550.157	3.037	3.774
193.781	1.000	14.811						
11/14/2016 3:59:45 AM	366300.000	144.035	21.330	328.300	5162.421	5551.535	3.038	3.775
193.708	1.000	14.813						
11/14/2016 4:14:45 AM	367200.000	144.014	21.334	328.253	5162.154	5550.777	3.038	3.775
193.718	1.000	14.809						
11/14/2016 4:29:45 AM	368100.000	144.008	21.337	328.240	5161.932	5550.229	3.037	3.774
193.726	1.000	14.813						
11/14/2016 4:44:45 AM	369000.000	144.009	21.341	328.241	5163.611	5551.596	3.038	3.775
193.663	1.000	14.810						
11/14/2016 4:59:45 AM	369900.000	144.021	21.337	328.268	5164.669	5553.202	3.039	3.776
193.623	1.000	14.811						
11/14/2016 5:14:45 AM	370800.000	144.020	21.328	328.266	5164.655	5554.187	3.040	3.777
193.624	1.000	14.810						
11/14/2016 5:29:45 AM	371700.000	144.023	21.334	328.273	5165.125	5554.011	3.040	3.777
193.606	1.000	14.808						
11/14/2016 5:44:45 AM	372600.000	144.021	21.335	328.268	5165.920	5554.757	3.040	3.777
193.576	1.000	14.812						
11/14/2016 5:59:45 AM	373500.000	144.028	21.329	328.284	5165.703	5555.264	3.040	3.778
193.584	1.000	14.808						
11/14/2016 6:14:45 AM	374400.000	144.030	21.337	328.288	5167.719	5556.450	3.041	3.778
193.509	1.000	14.811						
11/14/2016 6:29:45 AM	375300.000	144.044	21.329	328.321	5167.947	5557.656	3.042	3.779
193.500	1.000	14.808						
11/14/2016 6:44:45 AM	376200.000	144.047	21.327	328.326	5169.124	5559.143	3.043	3.780
193.456	1.000	14.808						
11/14/2016 6:59:45 AM	377100.000	144.053	21.335	328.341	5171.011	5560.250	3.043	3.781
193.386	1.000	14.815						
11/14/2016 7:14:45 AM	378000.000	144.045	21.338	328.322	5173.067	5562.122	3.044	3.782
193.309	1.000	14.821						
11/14/2016 7:29:45 AM	378900.000	144.064	21.335	328.367	5174.489	5564.031	3.045	3.784
193.256	1.000	14.814						
11/14/2016 7:44:45 AM	379800.000	144.055	21.333	328.346	5175.497	5565.234	3.046	3.784
193.218	1.000	14.822						
11/14/2016 7:59:45 AM	380700.000	144.068	21.330	328.375	5175.454	5565.639	3.046	3.785
193.220	1.000	14.825						
11/14/2016 8:14:45 AM	381600.000	144.074	21.330	328.389	5178.906	5569.262	3.048	3.787
193.091	1.000	14.818						
11/14/2016 8:29:45 AM	382500.000	144.078	21.333	328.397	5178.973	5568.973	3.048	3.787
193.088	1.000	14.825						
11/14/2016 8:44:45 AM	383400.000	144.098	21.327	328.443	5179.573	5570.360	3.049	3.788
193.066	1.000	14.819						
11/14/2016 8:59:45 AM	384300.000	144.082	21.327	328.407	5179.790	5570.613	3.049	3.788
193.058	1.000	14.828						
11/14/2016 9:14:45 AM	385200.000	144.125	21.325	328.505	5180.788	5571.907	3.050	3.789
193.021	1.000	14.824						
11/14/2016 9:29:45 AM	386100.000	144.087	21.329	328.419	5183.192	5574.061	3.051	3.790
192.931	1.000	14.824						
11/14/2016 9:44:45 AM	387000.000	144.129	21.329	328.514	5183.149	5573.935	3.051	3.790
192.933	1.000	14.826						
11/14/2016 9:59:45 AM	387900.000	144.104	21.331	328.458	5183.745	5574.344	3.051	3.791
192.911	1.000	14.814						
11/14/2016 10:14:45 AM	388800.000	144.105	21.333	328.459	5184.584	5575.067	3.052	3.791
192.880	1.000	14.815						
11/14/2016 10:29:45 AM	389700.000	144.095	21.331	328.437	5185.628	5576.390	3.053	3.792
192.841	1.000	14.818						
11/14/2016 10:44:45 AM	390600.000	144.100	21.333	328.449	5186.939	5577.629	3.053	3.793
192.792	1.000	14.820						
11/14/2016 10:59:45 AM	391500.000	144.110	21.327	328.470	5185.823	5577.082	3.053	3.792
192.833	1.000	14.812						
11/14/2016 11:14:45 AM	392400.000	144.106	21.335	328.461	5186.796	5577.154	3.053	3.792
192.797	1.000	14.813						
11/14/2016 11:29:45 AM	393300.000	144.109	21.334	328.469	5188.628	5579.314	3.054	3.794
192.729	1.000	14.809						
11/14/2016 11:44:45 AM	394200.000	144.105	21.333	328.461	5189.673	5580.550	3.055	3.795
192.690	1.000	14.805						
11/14/2016 11:59:45 AM	395100.000	144.112	21.329	328.476	5190.287	5581.701	3.056	3.796
192.668	1.000	14.804						
11/14/2016 12:14:45 PM	396000.000	144.107	21.331	328.464	5190.421	5581.574	3.056	3.795
192.663	1.000	14.803						
11/14/2016 12:29:45 PM	396900.000	144.106	21.334	328.463	5192.742	5583.708	3.057	3.797
192.576	1.000	14.798						
11/14/2016 12:44:45 PM	397800.000	144.103	21.336	328.455	5192.576	5583.339	3.057	3.797
192.583	1.000	14.798						
11/14/2016 12:59:45 PM	398700.000	144.097	21.333	328.442	5193.115	5584.241	3.057	3.797
192.563	1.000	14.796						
11/14/2016 1:14:45 PM	399600.000	144.092	21.338	328.431	5194.599	5585.293	3.058	3.798
192.508	1.000	14.799						
11/14/2016 1:29:45 PM	400500.000	144.085	21.331	328.415	5193.910	5585.316	3.058	3.798
192.533	1.000	14.797						
11/14/2016 1:44:45 PM	401400.000	144.077	21.335	328.397	5194.682	5585.684	3.058	3.798
192.505	1.000	14.796						
11/14/2016 1:59:45 PM	402300.000	144.073	21.332	328.387	5194.671	5585.983	3.058	3.798
192.505	1.000	14.789						
11/14/2016 2:14:45 PM	403200.000	144.057	21.336	328.351	5196.171	5587.225	3.059	3.799
192.449	1.000	14.793						
11/14/2016 2:29:45 PM	404100.000	144.093	21.333	328.433	5196.644	5588.035	3.059	3.800
192.432	1.000	14.790						
11/14/2016 2:44:45 PM	405000.000	144.071	21.327	328.383	5196.287	5588.334	3.060	3.800
192.445	1.000	14.795						
11/14/2016 2:59:45 PM	405900.000	144.035	21.332	328.300	5197.614	5589.128	3.060	3.801
192.396	1.000	14.794						
11/14/2016 3:14:45 PM	406800.000	144.065	21.326	328.369	5197.092	5589.271	3.060	3.801
192.415	1.000	14.796						
11/14/2016 3:29:45 PM	407700.000	144.020	21.324	328.266	5197.218	5589.647	3.060	3.801
192.411	1.000	14.795						
11/14/2016 3:44:45 PM	408600.000	144.007	21.336	328.237	5198.595	5589.751	3.060	3.801
192.360	1.000	14.797						
11/14/2016 3:59:45 PM	409500.000	143.992	21.339	328.201	5199.251	5590.113	3.061	3.801
192.335	1.000	14.794						
11/14/2016 4:14:45 PM	410400.000	143.985	21.337	328.186	5198.976	5590.049	3.061	3.801
192.346	1.000	14.799						
11/14/2016 4:29:45 PM	411300.000	144.008	21.337	328.239	5199.271	5590.426	3.061	3.801
192.335	1.000	14.801						
11/14/2016 4:44:45 PM	412200.000	143.951	21.329	328.110	5198.287	5590.284	3.061	3.801
192.371	1.000	14.800						
11/14/2016 4:59:45 PM	413100.000	143.980	21.329	328.175	5199.604	5591.630	3.062	3.802
192.322	1.000	14.796						
11/14/2016 5:14:45 PM	414000.000	143.936	21.325	328.075	5200.012	5592.623	3.062	3.803
192.307	1.000	14.799						
11/14/2016 5:29:45 PM	414900.000	143.919	21.324	328.035	5199.821	5592.438	3.062	3.803
192.314	1.000	14.796						
11/14/2016 5:44:45 PM	415800.000	143.901	21.333	327.994	5201.231	5592.927	3.062	3.803
192.262	1.000	14.795						
11/14/2016 5:59:45 PM	416700.000	143.876	21.337	327.937	5202.409	5593.731	3.063	3.804

192.219	1.000	14.800						
11/14/2016 6:14:45 PM	417600.000	143.885	21.340	327.958	5203.494	5594.575	3.063	3.804
192.179	1.000	14.806						
11/14/2016 6:29:45 PM	418500.000	143.854	21.330	327.887	5200.831	5592.918	3.062	3.803
192.277	1.000	14.803						
11/14/2016 6:44:45 PM	419400.000	143.876	21.329	327.938	5201.547	5593.709	3.063	3.804
192.251	1.000	14.805						
11/14/2016 6:59:45 PM	420300.000	143.833	21.330	327.839	5202.459	5594.651	3.063	3.804
192.217	1.000	14.797						
11/14/2016 7:14:45 PM	421200.000	143.822	21.331	327.814	5202.959	5595.037	3.064	3.805
192.198	1.000	14.798						
11/14/2016 7:29:45 PM	422100.000	143.812	21.332	327.793	5203.406	5595.447	3.064	3.805
192.182	1.000	14.803						
11/14/2016 7:44:45 PM	423000.000	143.815	21.332	327.798	5203.530	5595.580	3.064	3.805
192.177	1.000	14.802						
11/14/2016 7:59:45 PM	423900.000	143.799	21.334	327.763	5204.387	5596.220	3.064	3.805
192.146	1.000	14.800						
11/14/2016 8:14:45 PM	424800.000	143.793	21.340	327.748	5205.647	5596.960	3.065	3.806
192.099	1.000	14.797						
11/14/2016 8:29:45 PM	425700.000	143.787	21.340	327.734	5206.009	5597.249	3.065	3.806
192.086	1.000	14.797						
11/14/2016 8:44:45 PM	426600.000	143.772	21.347	327.702	5207.396	5597.943	3.065	3.807
192.035	1.000	14.802						
11/14/2016 8:59:45 PM	427500.000	143.805	21.348	327.777	5206.748	5597.116	3.065	3.806
192.058	1.000	14.798						
11/14/2016 9:14:45 PM	428400.000	143.803	21.346	327.772	5206.529	5597.214	3.065	3.806
192.067	1.000	14.806						
11/14/2016 9:29:45 PM	429300.000	143.772	21.341	327.700	5206.449	5597.601	3.065	3.806
192.069	1.000	14.800						
11/14/2016 9:44:45 PM	430200.000	143.765	21.342	327.685	5206.527	5597.614	3.065	3.806
192.067	1.000	14.798						
11/14/2016 9:59:45 PM	431100.000	143.765	21.343	327.686	5205.683	5596.636	3.064	3.806
192.098	1.000	14.803						
11/14/2016 10:14:45 PM	432000.000	143.765	21.347	327.684	5207.811	5598.451	3.066	3.807
192.019	1.000	14.801						
11/14/2016 10:29:45 PM	432900.000	143.760	21.347	327.673	5208.109	5598.802	3.066	3.807
192.008	1.000	14.799						
11/14/2016 10:44:45 PM	433800.000	143.791	21.349	327.744	5208.253	5598.655	3.066	3.807
192.003	1.000	14.800						
11/14/2016 10:59:45 PM	434700.000	143.762	21.353	327.678	5209.099	5599.090	3.066	3.807
191.972	1.000	14.796						
11/14/2016 11:14:45 PM	435600.000	143.757	21.348	327.666	5209.210	5599.863	3.066	3.808
191.968	1.000	14.802						
11/14/2016 11:29:45 PM	436500.000	143.767	21.338	327.689	5205.020	5596.487	3.064	3.806
192.122	1.000	14.805						
11/14/2016 11:44:45 PM	437400.000	143.809	21.328	327.786	5198.325	5590.437	3.061	3.801
192.370	1.000	14.799						
11/14/2016 11:59:45 PM	438300.000	143.776	21.316	327.711	5190.042	5582.894	3.056	3.796
192.677	1.000	14.801						
11/15/2016 12:14:45 AM	439200.000	143.788	21.308	327.736	5182.204	5575.357	3.052	3.791
192.968	1.000	14.800						
11/15/2016 12:29:45 AM	440100.000	143.794	21.305	327.751	5176.989	5570.137	3.049	3.788
193.162	1.000	14.801						
11/15/2016 12:44:45 AM	441000.000	143.762	21.307	327.679	5173.874	5566.505	3.047	3.785
193.279	1.000	14.799						
11/15/2016 12:59:45 AM	441900.000	143.802	21.309	327.770	5171.997	5564.285	3.046	3.784
193.349	1.000	14.797						
11/15/2016 1:14:45 AM	442800.000	143.809	21.308	327.785	5171.367	5563.657	3.045	3.783
193.372	1.000	14.802						
11/15/2016 1:29:45 AM	443700.000	143.807	21.310	327.781	5170.917	5563.004	3.045	3.783
193.389	1.000	14.806						
11/15/2016 1:44:45 AM	444600.000	143.813	21.310	327.794	5169.817	5561.811	3.044	3.782
193.430	1.000	14.802						
11/15/2016 1:59:45 AM	445500.000	143.813	21.312	327.795	5171.321	5563.247	3.045	3.783
193.374	1.000	14.804						
11/15/2016 2:14:45 AM	446400.000	143.828	21.309	327.829	5170.055	5562.215	3.044	3.782
193.422	1.000	14.796						
11/15/2016 2:29:45 AM	447300.000	143.824	21.315	327.818	5171.046	5562.552	3.045	3.783
193.384	1.000	14.801						
11/15/2016 2:44:45 AM	448200.000	143.831	21.316	327.835	5170.354	5561.675	3.044	3.782
193.410	1.000	14.806						
11/15/2016 2:59:45 AM	449100.000	143.829	21.316	327.830	5170.390	5561.776	3.044	3.782
193.409	1.000	14.804						
11/15/2016 3:14:45 AM	450000.000	143.844	21.315	327.866	5170.070	5561.531	3.044	3.782
193.421	1.000	14.802						
11/15/2016 3:29:45 AM	450900.000	143.872	21.318	327.928	5171.464	5562.661	3.045	3.783
193.369	1.000	14.807						
11/15/2016 3:44:45 AM	451800.000	143.853	21.317	327.885	5171.165	5562.419	3.044	3.782
193.380	1.000	14.795						
11/15/2016 3:59:45 AM	452700.000	143.854	21.317	327.887	5172.060	5563.431	3.045	3.783
193.347	1.000	14.797						
11/15/2016 4:14:45 AM	453600.000	143.865	21.315	327.912	5171.641	5563.201	3.045	3.783
193.362	1.000	14.799						
11/15/2016 4:29:45 AM	454500.000	143.872	21.317	327.928	5171.842	5563.198	3.045	3.783
193.355	1.000	14.798						
11/15/2016 4:44:45 AM	455400.000	143.867	21.316	327.916	5171.269	5562.710	3.045	3.783
193.376	1.000	14.799						
11/15/2016 4:59:45 AM	456300.000	143.837	21.319	327.849	5171.833	5562.906	3.045	3.783
193.355	1.000	14.801						
11/15/2016 5:14:45 AM	457200.000	143.875	21.325	327.936	5173.977	5564.522	3.046	3.784
193.275	1.000	14.795						
11/15/2016 5:29:45 AM	458100.000	143.877	21.324	327.940	5172.431	5563.030	3.045	3.783
193.333	1.000	14.799						
11/15/2016 5:44:45 AM	459000.000	143.886	21.322	327.961	5172.669	5563.476	3.045	3.783
193.324	1.000	14.801						
11/15/2016 5:59:45 AM	459900.000	143.898	21.321	327.989	5173.641	5564.711	3.046	3.784
193.287	1.000	14.795						
11/15/2016 6:14:45 AM	460800.000	143.900	21.316	327.993	5173.030	5564.595	3.046	3.784
193.310	1.000	14.800						
11/15/2016 6:29:45 AM	461700.000	143.907	21.321	328.008	5173.749	5564.787	3.046	3.784
193.283	1.000	14.800						
11/15/2016 6:44:45 AM	462600.000	143.911	21.325	328.017	5174.783	5565.389	3.046	3.784
193.245	1.000	14.800						
11/15/2016 6:59:45 AM	463500.000	143.912	21.321	328.021	5174.183	5565.254	3.046	3.784
193.267	1.000	14.798						
11/15/2016 7:14:45 AM	464400.000	143.921	21.317	328.041	5174.281	5565.801	3.046	3.785
193.264	1.000	14.795						
11/15/2016 7:29:45 AM	465300.000	143.915	21.324	328.027	5176.246	5567.151	3.047	3.786
193.190	1.000	14.798						
11/15/2016 7:44:45 AM	466200.000	143.922	21.325	328.044	5175.956	5566.731	3.047	3.785
193.201	1.000	14.793						
11/15/2016 7:59:45 AM	467100.000	143.926	21.331	328.051	5176.799	5566.896	3.047	3.785
193.170	1.000	14.792						
11/15/2016 8:14:45 AM	468000.000	143.935	21.324	328.072	5175.754	5566.563	3.047	3.785
193.209	1.000	14.796						
11/15/2016 8:29:45 AM	468900.000	143.942	21.328	328.089	5176.586	5567.058	3.047	3.786
193.177	1.000	14.789						
11/15/2016 8:44:45 AM	469800.000	143.932	21.327	328.065	5176.938	5567.486	3.047	3.786
193.164	1.000	14.801						
11/15/2016 8:59:45 AM	470700.000	143.947	21.328	328.099	5177.744	5568.232	3.048	3.786
193.134	1.000	14.797						
11/15/2016 9:14:45 AM	471600.000	143.961	21.323	328.131	5176.178	5567.109	3.047	3.786
193.193	1.000	14.800						
11/15/2016 9:29:45 AM	472500.000	143.953	21.325	328.114	5176.069	5566.802	3.047	3.785
193.197	1.000	14.798						
11/15/2016 9:44:45 AM	473400.000	143.959	21.324	328.128	5177.719	5568.726	3.048	3.787
193.135	1.000	14.799						
11/15/2016 9:59:45 AM	474300.000	143.960	21.323	328.128	5177.279	5568.324	3.048	3.786
193.152	1.000	14.802						
11/15/2016 10:14:45 AM	475200.000	143.987	21.326	328.190	5176.011	5566.589	3.047	3.785
193.199	1.000	14.802						
11/15/2016 10:29:45 AM	476100.000	143.956	21.333	328.121	5178.488	5568.471	3.048	3.787
193.107	1.000	14.797						

11/15/2016 10:44:45 AM	477000.000	143.961	21.333	328.132	5179.532	5569.665	3.049	3.787
193.068	1.000	14.802						
11/15/2016 10:59:45 AM	477900.000	143.971	21.326	328.155	5178.778	5569.575	3.049	3.787
193.096	1.000	14.796						
11/15/2016 11:14:45 AM	478800.000	143.962	21.331	328.133	5180.136	5570.554	3.049	3.788
193.045	1.000	14.793						
11/15/2016 11:29:45 AM	479700.000	143.963	21.333	328.135	5180.234	5570.409	3.049	3.788
193.041	1.000	14.790						
11/15/2016 11:44:45 AM	480600.000	144.005	21.333	328.232	5181.160	5571.425	3.050	3.789
193.007	1.000	14.787						
11/15/2016 11:59:45 AM	481500.000	143.969	21.330	328.150	5180.110	5570.627	3.049	3.788
193.046	1.000	14.787						
11/15/2016 12:14:45 PM	482400.000	143.971	21.327	328.154	5179.853	5570.631	3.049	3.788
193.056	1.000	14.782						
11/15/2016 12:29:45 PM	483300.000	143.973	21.320	328.160	5179.537	5571.104	3.050	3.788
193.067	1.000	14.778						
11/15/2016 12:44:45 PM	484200.000	143.961	21.321	328.131	5180.380	5571.869	3.050	3.789
193.036	1.000	14.775						
11/15/2016 12:59:45 PM	485100.000	143.967	21.320	328.146	5180.488	5572.086	3.050	3.789
193.032	1.000	14.774						
11/15/2016 1:14:45 PM	486000.000	143.962	21.322	328.134	5180.995	5572.411	3.050	3.789
193.013	1.000	14.768						
11/15/2016 1:29:45 PM	486900.000	143.960	21.323	328.129	5181.611	5573.034	3.051	3.790
192.990	1.000	14.766						
11/15/2016 1:44:45 PM	487800.000	143.941	21.333	328.085	5182.611	5572.976	3.051	3.790
192.953	1.000	14.768						
11/15/2016 1:59:45 PM	488700.000	143.930	21.338	328.060	5183.675	5573.458	3.051	3.790
192.913	1.000	14.771						
11/15/2016 2:14:45 PM	489600.000	143.977	21.339	328.167	5184.611	5574.414	3.052	3.791
192.878	1.000	14.763						
11/15/2016 2:29:45 PM	490500.000	143.934	21.330	328.070	5183.396	5574.081	3.051	3.790
192.924	1.000	14.764						
11/15/2016 2:44:45 PM	491400.000	143.929	21.331	328.059	5183.527	5574.119	3.051	3.790
192.919	1.000	14.764						
11/15/2016 2:59:45 PM	492300.000	143.928	21.323	328.056	5183.450	5574.930	3.052	3.791
192.922	1.000	14.766						
11/15/2016 3:14:45 PM	493200.000	143.972	21.323	328.157	5182.524	5574.026	3.051	3.790
192.956	1.000	14.759						
11/15/2016 3:29:45 PM	494100.000	143.916	21.326	328.028	5183.687	5574.924	3.052	3.791
192.913	1.000	14.762						
11/15/2016 3:44:45 PM	495000.000	143.901	21.328	327.995	5184.912	5575.951	3.052	3.792
192.867	1.000	14.763						
11/15/2016 3:59:45 PM	495900.000	143.902	21.327	327.997	5184.798	5575.999	3.052	3.792
192.872	1.000	14.765						
11/15/2016 4:14:45 PM	496800.000	143.881	21.329	327.950	5185.459	5576.419	3.053	3.792
192.847	1.000	14.767						
11/15/2016 4:29:45 PM	497700.000	143.919	21.332	328.037	5185.924	5576.617	3.053	3.792
192.830	1.000	14.767						
11/15/2016 4:44:45 PM	498600.000	143.867	21.338	327.917	5186.229	5576.214	3.053	3.792
192.818	1.000	14.765						
11/15/2016 4:59:45 PM	499500.000	143.868	21.344	327.918	5187.479	5576.905	3.053	3.792
192.772	1.000	14.760						
11/15/2016 5:14:45 PM	500400.000	143.854	21.342	327.888	5187.303	5576.977	3.053	3.792
192.778	1.000	14.769						
11/15/2016 5:29:45 PM	501300.000	143.841	21.341	327.858	5188.753	5578.676	3.054	3.794
192.725	1.000	14.768						
11/15/2016 5:44:45 PM	502200.000	143.829	21.336	327.831	5187.602	5577.960	3.054	3.793
192.767	1.000	14.766						
11/15/2016 5:59:45 PM	503100.000	143.825	21.339	327.820	5188.618	5578.742	3.054	3.794
192.730	1.000	14.764						
11/15/2016 6:14:45 PM	504000.000	143.853	21.340	327.884	5189.511	5579.611	3.055	3.794
192.696	1.000	14.769						
11/15/2016 6:29:45 PM	504900.000	143.799	21.344	327.762	5190.695	5580.403	3.055	3.795
192.652	1.000	14.764						
11/15/2016 6:44:45 PM	505800.000	143.780	21.345	327.719	5191.063	5580.666	3.055	3.795
192.639	1.000	14.772						
11/15/2016 6:59:45 PM	506700.000	143.774	21.344	327.706	5191.103	5580.831	3.055	3.795
192.637	1.000	14.767						
11/15/2016 7:14:45 PM	507600.000	143.770	21.340	327.696	5190.798	5580.915	3.055	3.795
192.649	1.000	14.771						
11/15/2016 7:29:45 PM	508500.000	143.799	21.343	327.762	5191.201	5581.077	3.055	3.795
192.634	1.000	14.771						
11/15/2016 7:44:45 PM	509400.000	143.788	21.344	327.737	5192.016	5581.752	3.056	3.796
192.603	1.000	14.768						
11/15/2016 7:59:45 PM	510300.000	143.747	21.345	327.644	5192.445	5582.163	3.056	3.796
192.588	1.000	14.766						
11/15/2016 8:14:45 PM	511200.000	143.730	21.347	327.606	5192.620	5582.050	3.056	3.796
192.581	1.000	14.775						
11/15/2016 8:29:45 PM	512100.000	143.722	21.350	327.586	5194.469	5583.716	3.057	3.797
192.512	1.000	14.774						
11/15/2016 8:44:45 PM	513000.000	143.750	21.351	327.650	5194.160	5583.323	3.057	3.797
192.524	1.000	14.779						
11/15/2016 8:59:45 PM	513900.000	143.749	21.340	327.648	5191.591	5581.798	3.056	3.796
192.619	1.000	14.771						
11/15/2016 9:14:45 PM	514800.000	143.664	21.331	327.456	5185.014	5575.718	3.052	3.791
192.864	1.000	14.782						
11/15/2016 9:29:45 PM	515700.000	143.745	21.327	327.639	5176.574	5567.105	3.047	3.786
193.178	1.000	14.775						
11/15/2016 9:44:45 PM	516600.000	143.702	21.326	327.542	5169.228	5559.383	3.043	3.780
193.452	1.000	14.781						
11/15/2016 9:59:45 PM	517500.000	143.705	21.325	327.548	5163.662	5553.529	3.039	3.776
193.661	1.000	14.780						
11/15/2016 10:14:45 PM	518400.000	143.657	21.324	327.438	5156.484	5545.878	3.035	3.771
193.931	1.000	14.783						
11/15/2016 10:29:45 PM	519300.000	143.697	21.324	327.530	5150.808	5539.793	3.031	3.767
194.144	1.000	14.782						
11/15/2016 10:44:45 PM	520200.000	143.693	21.323	327.521	5143.119	5531.553	3.026	3.761
194.435	1.000	14.786						
11/15/2016 10:59:45 PM	521100.000	143.699	21.323	327.535	5136.227	5524.161	3.022	3.756
194.695	1.000	14.781						
11/15/2016 11:14:45 PM	522000.000	143.693	21.323	327.520	5129.714	5517.136	3.018	3.752
194.943	1.000	14.787						
11/15/2016 11:29:45 PM	522900.000	143.696	21.323	327.526	5124.052	5511.126	3.015	3.748
195.158	1.000	14.778						
11/15/2016 11:44:45 PM	523800.000	143.706	21.323	327.549	5116.914	5503.450	3.010	3.742
195.430	1.000	14.783						
11/15/2016 11:59:45 PM	524700.000	143.703	21.323	327.543	5111.391	5497.529	3.007	3.738
195.641	1.000	14.777						
11/16/2016 12:14:45 AM	525600.000	143.742	21.320	327.632	5105.190	5491.176	3.003	3.734
195.879	1.000	14.780						
11/16/2016 12:29:45 AM	526500.000	143.717	21.311	327.575	5098.169	5484.640	2.999	3.730
196.149	1.000	14.778						
11/16/2016 12:44:45 AM	527400.000	143.712	21.306	327.563	5093.758	5480.418	2.997	3.727
196.319	1.000	14.780						
11/16/2016 12:59:45 AM	528300.000	143.722	21.303	327.586	5089.217	5475.876	2.994	3.724
196.494	1.000	14.780						
11/16/2016 1:14:45 AM	529200.000	143.690	21.303	327.513	5086.912	5473.358	2.993	3.722
196.583	1.000	14.779						
11/16/2016 1:29:45 AM	530100.000	143.739	21.305	327.626	5085.363	5471.475	2.991	3.721
196.643	1.000	14.775						
11/16/2016 1:44:45 AM	531000.000	143.744	21.306	327.637	5084.249	5470.187	2.991	3.720
196.686	1.000	14.772						
11/16/2016 1:59:45 AM	531900.000	143.731	21.308	327.607	5084.247	5470.008	2.991	3.720
196.686	1.000	14.779						
11/16/2016 2:14:45 AM	532800.000	143.743	21.309	327.634	5084.195	5469.765	2.990	3.719
196.688	1.000	14.779						
11/16/2016 2:29:45 AM	533700.000	143.748	21.308	327.646	5084.583	5470.320	2.991	3.720
196.673	1.000	14.777						
11/16/2016 2:44:45 AM	534600.000	143.762	21.310	327.677	5084.865	5470.407	2.991	3.720
196.662	1.000	14.774						
11/16/2016 2:59:45 AM	535500.000	143.763	21.310	327.681	5084.418	5469.887	2.991	3.720
196.679	1.000	14.771						
11/16/2016 3:14:45 AM	536400.000	143.757	21.312	327.666	5085.903	5471.337	2.991	3.721

196.622	1.000	14.775						
11/16/2016 3:29:45 AM	537300.000	143.765	21.314	327.685	5085.971	5471.192	2.991	3.720
196.619	1.000	14.777						
11/16/2016 3:44:45 AM	538200.000	143.777	21.313	327.711	5087.271	5472.641	2.992	3.721
196.569	1.000	14.772						
11/16/2016 3:59:45 AM	539100.000	143.775	21.313	327.709	5087.359	5472.705	2.992	3.721
196.566	1.000	14.774						
11/16/2016 4:14:45 AM	540000.000	143.789	21.316	327.739	5089.460	5474.650	2.993	3.723
196.484	1.000	14.769						
11/16/2016 4:29:45 AM	540900.000	143.784	21.314	327.728	5090.885	5476.468	2.994	3.724
196.430	1.000	14.776						
11/16/2016 4:44:45 AM	541800.000	143.792	21.315	327.747	5092.813	5478.406	2.995	3.725
196.355	1.000	14.777						
11/16/2016 4:59:45 AM	542700.000	143.800	21.318	327.766	5092.675	5477.940	2.995	3.725
196.360	1.000	14.774						
11/16/2016 5:14:45 AM	543600.000	143.816	21.315	327.802	5093.438	5479.028	2.996	3.726
196.331	1.000	14.768						
11/16/2016 5:29:45 AM	544500.000	143.805	21.316	327.777	5094.266	5479.859	2.996	3.726
196.299	1.000	14.774						
11/16/2016 5:44:45 AM	545400.000	143.820	21.320	327.811	5097.252	5482.608	2.998	3.728
196.184	1.000	14.770						
11/16/2016 5:59:45 AM	546300.000	143.825	21.322	327.823	5098.625	5483.896	2.999	3.729
196.131	1.000	14.765						
11/16/2016 6:14:45 AM	547200.000	143.827	21.325	327.827	5099.961	5484.989	2.999	3.730
196.080	1.000	14.767						
11/16/2016 6:29:45 AM	548100.000	143.828	21.320	327.828	5101.067	5486.702	3.000	3.731
196.037	1.000	14.779						
11/16/2016 6:44:45 AM	549000.000	143.826	21.318	327.824	5101.853	5487.743	3.001	3.732
196.007	1.000	14.778						
11/16/2016 6:59:45 AM	549900.000	143.842	21.325	327.859	5103.933	5489.210	3.002	3.733
195.927	1.000	14.771						
11/16/2016 7:14:45 AM	550800.000	143.848	21.326	327.873	5105.485	5490.830	3.003	3.734
195.868	1.000	14.778						
11/16/2016 7:29:45 AM	551700.000	143.889	21.321	327.967	5105.785	5491.727	3.003	3.734
195.856	1.000	14.784						
11/16/2016 7:44:45 AM	552600.000	143.855	21.327	327.891	5108.915	5494.419	3.005	3.736
195.736	1.000	14.782						
11/16/2016 7:59:45 AM	553500.000	143.892	21.323	327.973	5109.579	5495.571	3.005	3.737
195.711	1.000	14.786						
11/16/2016 8:14:45 AM	554400.000	143.858	21.320	327.898	5109.690	5496.006	3.006	3.737
195.707	1.000	14.790						
11/16/2016 8:29:45 AM	555300.000	143.861	21.325	327.903	5111.225	5497.092	3.006	3.738
195.648	1.000	14.788						
11/16/2016 8:44:45 AM	556200.000	143.869	21.326	327.921	5112.992	5498.914	3.007	3.739
195.580	1.000	14.787						
11/16/2016 8:59:45 AM	557100.000	143.877	21.320	327.940	5113.234	5499.769	3.008	3.740
195.571	1.000	14.786						
11/16/2016 9:14:45 AM	558000.000	143.930	21.325	328.061	5114.682	5500.811	3.009	3.741
195.516	1.000	14.781						
11/16/2016 9:29:45 AM	558900.000	143.926	21.320	328.051	5115.168	5501.938	3.009	3.741
195.497	1.000	14.790						
11/16/2016 9:44:45 AM	559800.000	143.895	21.324	327.981	5116.484	5502.838	3.010	3.742
195.447	1.000	14.786						
11/16/2016 9:59:45 AM	560700.000	143.896	21.326	327.984	5117.592	5503.861	3.010	3.743
195.404	1.000	14.789						
11/16/2016 10:14:45 AM	561600.000	143.940	21.321	328.085	5118.119	5504.982	3.011	3.743
195.384	1.000	14.784						
11/16/2016 10:29:45 AM	562500.000	143.909	21.315	328.014	5118.857	5506.362	3.012	3.744
195.356	1.000	14.785						
11/16/2016 10:44:45 AM	563400.000	143.907	21.323	328.008	5122.335	5509.280	3.013	3.746
195.223	1.000	14.783						
11/16/2016 10:59:45 AM	564300.000	143.911	21.322	328.017	5123.586	5510.686	3.014	3.747
195.176	1.000	14.780						
11/16/2016 11:14:45 AM	565200.000	143.905	21.322	328.004	5125.762	5513.074	3.016	3.749
195.093	1.000	14.788						
11/16/2016 11:29:45 AM	566100.000	143.910	21.330	328.016	5128.735	5515.289	3.017	3.750
194.980	1.000	14.781						
11/16/2016 11:44:45 AM	567000.000	143.914	21.329	328.025	5128.353	5515.097	3.017	3.750
194.994	1.000	14.777						
11/16/2016 11:59:45 AM	567900.000	143.924	21.329	328.047	5128.795	5515.532	3.017	3.751
194.978	1.000	14.775						
11/16/2016 12:14:45 PM	568800.000	143.922	21.321	328.044	5130.275	5518.068	3.019	3.752
194.921	1.000	14.767						
11/16/2016 12:29:45 PM	569700.000	143.916	21.318	328.029	5133.171	5521.420	3.021	3.755
194.811	1.000	14.773						
11/16/2016 12:44:45 PM	570600.000	143.914	21.322	328.023	5133.522	5521.361	3.021	3.755
194.798	1.000	14.770						
11/16/2016 12:59:45 PM	571500.000	143.911	21.324	328.018	5134.285	5522.042	3.021	3.755
194.769	1.000	14.764						
11/16/2016 1:14:45 PM	572400.000	143.902	21.326	327.997	5134.480	5521.964	3.021	3.755
194.762	1.000	14.766						
11/16/2016 1:29:45 PM	573300.000	143.920	21.334	328.039	5136.867	5523.687	3.022	3.756
194.671	1.000	14.755						
11/16/2016 1:44:45 PM	574200.000	143.914	21.337	328.024	5136.957	5523.395	3.022	3.756
194.668	1.000	14.756						
11/16/2016 1:59:45 PM	575100.000	143.911	21.332	328.017	5137.587	5524.589	3.022	3.757
194.644	1.000	14.755						
11/16/2016 2:14:45 PM	576000.000	143.911	21.323	328.016	5137.044	5525.030	3.023	3.757
194.664	1.000	14.758						
11/16/2016 2:29:45 PM	576900.000	143.904	21.325	328.001	5137.536	5525.350	3.023	3.757
194.646	1.000	14.754						
11/16/2016 2:44:45 PM	577800.000	143.908	21.327	328.012	5138.668	5526.310	3.023	3.758
194.603	1.000	14.752						
11/16/2016 2:59:45 PM	578700.000	143.887	21.334	327.963	5140.618	5527.629	3.024	3.759
194.529	1.000	14.754						
11/16/2016 3:14:45 PM	579600.000	143.889	21.335	327.968	5142.945	5530.072	3.026	3.760
194.441	1.000	14.756						
11/16/2016 3:29:45 PM	580500.000	143.936	21.329	328.075	5141.765	5529.451	3.025	3.760
194.486	1.000	14.755						
11/16/2016 3:44:45 PM	581400.000	143.914	21.334	328.024	5142.233	5529.405	3.025	3.760
194.468	1.000	14.755						
11/16/2016 3:59:45 PM	582300.000	143.925	21.329	328.049	5141.217	5528.831	3.025	3.760
194.506	1.000	14.755						
11/16/2016 4:14:45 PM	583200.000	143.885	21.325	327.958	5141.958	5530.086	3.026	3.760
194.478	1.000	14.756						
11/16/2016 4:29:45 PM	584100.000	143.868	21.328	327.919	5142.477	5530.356	3.026	3.761
194.459	1.000	14.756						
11/16/2016 4:44:45 PM	585000.000	143.865	21.327	327.912	5142.791	5530.822	3.026	3.761
194.447	1.000	14.756						
11/16/2016 4:59:45 PM	585900.000	143.893	21.323	327.977	5142.795	5531.235	3.026	3.761
194.447	1.000	14.754						
11/16/2016 5:14:45 PM	586800.000	143.852	21.332	327.883	5144.128	5531.683	3.027	3.762
194.396	1.000	14.757						
11/16/2016 5:29:45 PM	587700.000	143.803	21.325	327.770	5143.751	5532.065	3.027	3.762
194.411	1.000	14.761						
11/16/2016 5:44:45 PM	588600.000	143.834	21.327	327.842	5144.736	5532.924	3.027	3.762
194.373	1.000	14.761						
11/16/2016 5:59:45 PM	589500.000	143.872	21.327	327.929	5144.522	5532.705	3.027	3.762
194.382	1.000	14.769						
11/16/2016 6:14:45 PM	590400.000	143.821	21.327	327.813	5145.681	5533.931	3.028	3.763
194.338	1.000	14.765						
11/16/2016 6:29:45 PM	591300.000	143.846	21.330	327.869	5146.115	5534.069	3.028	3.763
194.321	1.000	14.767						
11/16/2016 6:44:45 PM	592200.000	143.819	21.329	327.808	5147.493	5535.600	3.029	3.764
194.269	1.000	14.767						
11/16/2016 6:59:45 PM	593100.000	143.845	21.328	327.867	5148.195	5536.506	3.029	3.765
194.243	1.000	14.768						
11/16/2016 7:14:45 PM	594000.000	143.768	21.329	327.691	5149.108	5537.317	3.030	3.765
194.208	1.000	14.763						
11/16/2016 7:29:45 PM	594900.000	143.786	21.333	327.734	5148.394	5536.111	3.029	3.765
194.235	1.000	14.770						
11/16/2016 7:44:45 PM	595800.000	143.781	21.338	327.721	5149.644	5536.896	3.030	3.765
194.188	1.000	14.772						

11/16/2016 7:59:45 PM	596700.000	143.783	21.341	327.725	5150.264	5537.195	3.030	3.765
194.165	1.000	14.772						
11/16/2016 8:14:45 PM	597600.000	143.777	21.342	327.712	5150.854	5537.810	3.030	3.766
194.143	1.000	14.766						
11/16/2016 8:29:45 PM	598500.000	143.772	21.343	327.700	5151.694	5538.533	3.031	3.766
194.111	1.000	14.773						
11/16/2016 8:44:45 PM	599400.000	143.807	21.340	327.780	5151.301	5538.500	3.031	3.766
194.126	1.000	14.769						
11/16/2016 8:59:45 PM	600300.000	143.771	21.338	327.698	5150.465	5537.829	3.030	3.766
194.157	1.000	14.773						
11/16/2016 9:14:45 PM	601200.000	143.799	21.340	327.763	5151.394	5538.619	3.031	3.766
194.122	1.000	14.774						
11/16/2016 9:29:45 PM	602100.000	143.755	21.339	327.662	5150.925	5538.165	3.030	3.766
194.140	1.000	14.776						
11/16/2016 9:44:45 PM	603000.000	143.759	21.343	327.672	5152.391	5539.252	3.031	3.767
194.085	1.000	14.773						
11/16/2016 9:59:45 PM	603900.000	143.748	21.344	327.646	5152.713	5539.570	3.031	3.767
194.073	1.000	14.778						
11/16/2016 10:14:45 PM	604800.000	143.750	21.348	327.651	5153.065	5539.498	3.031	3.767
194.059	1.000	14.778						
11/16/2016 10:29:45 PM	605700.000	143.758	21.346	327.670	5153.905	5540.572	3.032	3.768
194.028	1.000	14.775						
11/16/2016 10:44:45 PM	606600.000	143.746	21.350	327.642	5154.500	5540.771	3.032	3.768
194.005	1.000	14.774						
11/16/2016 10:59:45 PM	607500.000	143.748	21.351	327.646	5154.469	5540.609	3.032	3.768
194.006	1.000	14.772						
11/16/2016 11:14:45 PM	608400.000	143.749	21.352	327.649	5155.280	5541.352	3.032	3.768
193.976	1.000	14.773						
11/16/2016 11:29:45 PM	609300.000	143.781	21.354	327.722	5156.262	5542.217	3.033	3.769
193.939	1.000	14.773						
11/16/2016 11:44:45 PM	610200.000	143.792	21.348	327.746	5155.502	5542.029	3.033	3.769
193.968	1.000	14.774						
11/16/2016 11:59:45 PM	611100.000	143.798	21.339	327.759	5148.889	5536.035	3.029	3.765
194.217	1.000	14.771						

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	Time modified from DST (-01:00)
11/9/2016	23:00:00	0	88.233	16.5	1220.3	*
11/9/2016	23:15:00	0	88.236	16.5	1221.5	*
11/9/2016	23:30:00	0	88.198	16.5	1223.8	*
11/9/2016	23:45:00	0	88.216	16.5	1221.5	*
11/10/2016	0:00:00	0	88.196	16.5	1221.5	*
11/10/2016	0:15:00	0	88.211	16.5	1221.5	*
11/10/2016	0:30:00	0	88.208	16.5	1221.5	*
11/10/2016	0:45:00	0	88.191	16.5	1221.5	*
11/10/2016	1:00:00	0	88.192	16.5	1221.5	*
11/10/2016	1:15:00	0	88.194	16.5	1221.5	*
11/10/2016	1:30:00	0	88.218	16.5	1221.5	*
11/10/2016	1:45:00	0	88.242	16.5	1220.3	*
11/10/2016	2:00:00	0	88.226	16.5	1222.7	*
11/10/2016	2:15:00	0	88.248	16.5	1221.5	*
11/10/2016	2:30:00	0	88.231	16.5	1222.7	*
11/10/2016	2:45:00	0	88.269	16.5	1221.5	*
11/10/2016	3:00:00	0	88.205	16.5	1221.5	*
11/10/2016	3:15:00	0	88.241	16.5	1223.8	*
11/10/2016	3:30:00	0	88.247	16.5	1222.7	*
11/10/2016	3:45:00	0	88.229	16.5	1221.5	*
11/10/2016	4:00:00	0	88.224	16.5	1220.3	*
11/10/2016	4:15:00	0	88.205	16.5	1221.5	*
11/10/2016	4:30:00	0	88.208	16.5	1221.5	*
11/10/2016	4:45:00	0	88.247	16.5	1221.5	*
11/10/2016	5:00:00	0	88.205	16.5	1220.3	*
11/10/2016	5:15:00	0	88.25	16.5	1221.5	*
11/10/2016	5:30:00	0	88.228	16.5	1221.5	*
11/10/2016	5:45:00	0	88.243	16.5	1221.5	*
11/10/2016	6:00:00	0	88.248	16.5	1221.5	*
11/10/2016	6:15:00	0	88.238	16.5	1221.5	*

11/10/2016	6:30:00	0	88.222	16.5	1222.7	*
11/10/2016	6:45:00	0	88.239	16.5	1222.7	*
11/10/2016	7:00:00	0	88.218	16.5	1220.3	*
11/10/2016	7:15:00	0	88.219	16.5	1222.7	*
11/10/2016	7:30:00	0	88.27	16.5	1220.3	*
11/10/2016	7:45:00	0	88.188	16.5	1221.5	*
11/10/2016	8:00:00	0	88.208	16.5	1221.5	*
11/10/2016	8:15:00	0	88.229	16.5	1221.5	*
11/10/2016	8:30:00	0	88.233	16.5	1221.5	*
11/10/2016	8:45:00	0	88.212	16.5	1220.3	*
11/10/2016	9:00:00	0	88.194	16.5	1222.7	*
11/10/2016	9:15:00	0	88.238	16.5	1221.5	*
11/10/2016	9:30:00	0	88.205	16.5	1221.5	*
11/10/2016	9:45:00	0	88.248	16.5	1222.7	*
11/10/2016	10:00:00	0	88.27	16.5	1221.5	*
11/10/2016	10:15:00	0	88.255	16.5	1222.7	*
11/10/2016	10:30:00	0	88.24	16.5	1221.5	*
11/10/2016	10:45:00	0	88.243	16.5	1221.5	*
11/10/2016	11:00:00	0	88.237	16.5	1221.5	*
11/10/2016	11:15:00	0	88.224	16.5	1221.5	*
11/10/2016	11:30:00	0	88.231	16.5	1221.5	*
11/10/2016	11:45:00	0	88.18	16.5	1221.5	*
11/10/2016	12:00:00	0	88.273	16.5	1221.5	*
11/10/2016	12:15:00	0	88.213	16.5	1221.5	*
11/10/2016	12:30:00	0	88.261	16.5	1221.5	*
11/10/2016	12:45:00	0	88.222	16.5	1220.3	*
11/10/2016	13:00:00	0	88.224	16.5	1222.7	*
11/10/2016	13:15:00	0	88.24	16.5	1221.5	*
11/10/2016	13:30:00	0	88.214	16.5	1221.5	*
11/10/2016	13:45:00	0	88.27	16.5	1221.5	*
11/10/2016	14:00:00	0	88.229	16.5	1222.7	*
11/10/2016	14:15:00	0	88.225	16.5	1221.5	*
11/10/2016	14:30:00	0	88.242	16.5	1221.5	*
11/10/2016	14:45:00	0	88.16	16.5	1221.5	*
11/10/2016	15:00:00	0	88.234	16.5	1222.7	*
11/10/2016	15:15:00	0	88.212	16.5	1220.3	*
11/10/2016	15:30:00	0	88.248	16.5	1222.7	*
11/10/2016	15:45:00	0	88.227	16.5	1221.5	*
11/10/2016	16:00:00	0	88.204	16.5	1221.5	*
11/10/2016	16:15:00	0	88.202	16.5	1220.3	*
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11/10/2016	23:00:00	0	88.194	16.5	1222.7
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11/11/2016	10:00:00	0	88.22	16.5	1223.8
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11/11/2016	16:45:00	0	88.231	16.5	1221.5
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11/11/2016	17:15:00	0	88.222	16.5	1221.5
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11/11/2016	20:15:00	0	88.216	16.5	1222.7
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11/11/2016	21:30:00	0	88.232	16.5	1222.7
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11/12/2016	0:30:00	0	88.208	16.5	1221.5
11/12/2016	0:45:00	0	88.244	16.5	1222.7
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11/12/2016	12:00:00	0	88.277	16.5	1221.5
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11/12/2016	12:30:00	0	88.272	16.5	1223.8
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11/12/2016	13:00:00	0	88.268	16.5	1221.5
11/12/2016	13:15:00	0	88.265	16.5	1221.5
11/12/2016	13:30:00	0	88.289	16.5	1222.7
11/12/2016	13:45:00	0	88.267	16.5	1222.7
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11/12/2016	14:15:00	0	88.259	16.5	1221.5
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11/13/2016	4:15:00	0	88.226	16.5	1221.5
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11/13/2016	5:45:00	0	88.263	16.5	1221.5
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11/13/2016	6:15:00	0	88.256	16.5	1223.8
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11/13/2016	7:15:00	0	88.316	16.5	1222.7
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11/13/2016	8:00:00	0	88.244	16.5	1221.5
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11/15/2016	7:45:00	0	88.349	16.5	1222.7
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11/16/2016	5:00:00	0	88.347	16.5	1223.8
11/16/2016	5:15:00	0	88.384	16.4	1224.7
11/16/2016	5:30:00	0	88.33	16.5	1225
11/16/2016	5:45:00	0	88.366	16.5	1223.8
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11/16/2016	10:00:00	0	88.36	16.5	1223.8
11/16/2016	10:15:00	0	88.363	16.5	1223.8
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11/16/2016	11:15:00	0	88.375	16.5	1223.8
11/16/2016	11:30:00	0	88.344	16.5	1223.8
11/16/2016	11:45:00	0	88.429	16.5	1223.8
11/16/2016	12:00:00	0	88.357	16.4	1227.1
11/16/2016	12:15:00	0	88.405	16.5	1223.8
11/16/2016	12:30:00	0	88.349	16.4	1228.3
11/16/2016	12:45:00	0	88.375	16.5	1223.8
11/16/2016	13:00:00	0	88.383	16.4	1227.1
11/16/2016	13:15:00	0	88.37	16.5	1223.8
11/16/2016	13:30:00	0	88.356	16.4	1225.9
11/16/2016	13:45:00	0	88.403	16.5	1225
11/16/2016	14:00:00	0	88.385	16.4	1227.1
11/16/2016	14:15:00	0	88.328	16.4	1225.9
11/16/2016	14:30:00	0	88.391	16.5	1225
11/16/2016	14:45:00	0	88.37	16.5	1225
11/16/2016	15:00:00	0	88.353	16.4	1225.9

11/16/2016	15:15:00	0	88.391	16.4	1227.1
11/16/2016	15:30:00	0	88.347	16.5	1223.8
11/16/2016	15:45:00	0	88.41	16.4	1225.9
11/16/2016	16:00:00	0	88.343	16.4	1227.1
11/16/2016	16:15:00	0	88.366	16.5	1222.7
11/16/2016	16:30:00	0	88.382	16.5	1223.8
11/16/2016	16:45:00	0	88.344	16.4	1225.9
11/16/2016	17:00:00	0	88.4	16.4	1225.9
11/16/2016	17:15:00	0	88.354	16.4	1224.7
11/16/2016	17:30:00	0	88.365	16.5	1223.8
11/16/2016	17:45:00	0	88.42	16.4	1224.7
11/16/2016	18:00:00	0	88.38	16.4	1225.9
11/16/2016	18:15:00	0	88.402	16.4	1225.9
11/16/2016	18:30:00	0	88.416	16.5	1222.7
11/16/2016	18:45:00	0	88.419	16.4	1227.1
11/16/2016	19:00:00	0	88.38	16.4	1225.9
11/16/2016	19:15:00	0	88.344	16.4	1225.9
11/16/2016	19:30:00	0	88.398	16.4	1225.9
11/16/2016	19:45:00	0	88.395	16.4	1227.1
11/16/2016	20:00:00	0	88.392	16.4	1225.9
11/16/2016	20:15:00	0	88.37	16.5	1223.8
11/16/2016	20:30:00	0	88.392	16.4	1224.7
11/16/2016	20:45:00	0	88.365	16.5	1221.5
11/16/2016	21:00:00	0	88.344	16.5	1223.8
11/16/2016	21:15:00	0	88.358	16.4	1225.9
11/16/2016	21:30:00	0	88.361	16.4	1225.9
11/16/2016	21:45:00	0	88.361	16.4	1227.1
11/16/2016	22:00:00	0	88.339	16.4	1227.1
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11/16/2016	22:30:00	0	88.365	16.5	1223.8
11/16/2016	22:45:00	0	88.364	16.4	1227.1
11/16/2016	23:00:00	0	88.367	16.4	1227.1
11/16/2016	23:15:00	0	88.351	16.4	1225.9
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11/17/2016	0:00:00	0	88.386	16.4	1227.1
11/17/2016	0:15:00	0	88.384	16.4	1224.7
11/17/2016	0:30:00	0	88.363	16.5	1223.8
11/17/2016	0:45:00	0	88.324	16.4	1225.9
11/17/2016	1:00:00	0	88.413	16.4	1225.9
11/17/2016	1:15:00	0	88.374	16.4	1227.1
11/17/2016	1:30:00	0	88.338	16.4	1225.9
11/17/2016	1:45:00	0	88.393	16.4	1225.9
11/17/2016	2:00:00	0	88.346	16.4	1225.9
11/17/2016	2:15:00	0	88.372	16.4	1228.3
11/17/2016	2:30:00	0	88.367	16.5	1223.8
11/17/2016	2:45:00	0	88.408	16.4	1225.9

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11/17/2016	3:15:00	0	88.368	16.4	1227.1
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11/17/2016	3:45:00	0	88.349	16.4	1227.1
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11/17/2016	4:30:00	0	88.328	16.4	1225.9
11/17/2016	4:45:00	0	88.401	16.5	1225
11/17/2016	5:00:00	0	88.377	16.5	1225
11/17/2016	5:15:00	0	88.371	16.4	1225.9
11/17/2016	5:30:00	0	88.391	16.5	1226.2
11/17/2016	5:45:00	0	88.413	16.4	1225.9
11/17/2016	6:00:00	0	88.436	16.4	1225.9
11/17/2016	6:15:00	0	88.377	16.4	1225.9
11/17/2016	6:30:00	0	88.392	16.4	1225.9
11/17/2016	6:45:00	0	88.425	16.4	1227.1
11/17/2016	7:00:00	0	88.423	16.5	1223.8
11/17/2016	7:15:00	0	88.355	16.4	1227.1
11/17/2016	7:30:00	0	88.405	16.4	1227.1
11/17/2016	7:45:00	0	88.383	16.4	1225.9
11/17/2016	8:00:00	0	88.373	16.4	1227.1
11/17/2016	8:15:00	0	88.384	16.4	1225.9
11/17/2016	8:30:00	0	88.36	16.4	1224.7
11/17/2016	8:45:00	0	88.381	16.4	1225.9
11/17/2016	9:00:00	0	88.36	16.4	1225.9
11/17/2016	9:15:00	0	88.364	16.4	1227.1
11/17/2016	9:30:00	0	88.383	16.5	1223.8
11/17/2016	9:45:00	0	88.365	16.5	1226.2
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11/17/2016	10:15:00	0	88.366	16.4	1227.1
11/17/2016	10:30:00	0	88.377	16.4	1225.9
11/17/2016	10:45:00	0	88.357	16.4	1224.7
11/17/2016	11:00:00	0	88.422	16.4	1228.3
11/17/2016	11:15:00	0	88.363	16.4	1225.9
11/17/2016	11:30:00	0	88.367	16.4	1227.1
11/17/2016	11:45:00	0	88.415	16.4	1225.9
11/17/2016	12:00:00	0	88.405	16.4	1224.7
11/17/2016	12:15:00	0	88.414	16.5	1225
11/17/2016	12:30:00	0	88.399	16.4	1225.9
11/17/2016	12:45:00	0	88.421	16.4	1225.9
11/17/2016	13:00:00	0	88.41	16.4	1227.1
11/17/2016	13:15:00	0	88.398	16.4	1228.3
11/17/2016	13:30:00	0	88.427	16.5	1223.8
11/17/2016	13:45:00	0	88.41	16.4	1225.9
11/17/2016	14:00:00	0	88.389	16.4	1225.9
11/17/2016	14:15:00	0	88.403	16.5	1225
11/17/2016	14:30:00	0	88.373	16.4	1225.9

11/17/2016	14:45:00	0	88.374	16.5	1223.8
11/17/2016	15:00:00	0	88.375	16.4	1227.1
11/17/2016	15:15:00	0	88.396	16.4	1225.9
11/17/2016	15:30:00	0	88.38	16.4	1228.3
11/17/2016	15:45:00	0	88.44	16.4	1227.1

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTI	Time modified from DST (-01:00)
11/9/2016	23:00:00	0	27.524	16.2	2054.5	*
11/9/2016	23:15:00	0	27.547	16.2	2054.5	*
11/9/2016	23:30:00	0	27.529	16.2	2054.5	*
11/9/2016	23:45:00	0	27.547	16.2	2054.5	*
11/10/2016	0:00:00	0	27.547	16.2	2053.3	*
11/10/2016	0:15:00	0	27.542	16.2	2053.3	*
11/10/2016	0:30:00	0	27.578	16.2	2053.3	*
11/10/2016	0:45:00	0	27.561	16.2	2054.5	*
11/10/2016	1:00:00	0	27.503	16.2	2054.5	*
11/10/2016	1:15:00	0	27.564	16.2	2054.5	*
11/10/2016	1:30:00	0	27.489	16.2	2054.5	*
11/10/2016	1:45:00	0	27.553	16.2	2054.5	*
11/10/2016	2:00:00	0	27.537	16.2	2053.3	*
11/10/2016	2:15:00	0	27.598	16.2	2053.3	*
11/10/2016	2:30:00	0	27.562	16.2	2054.5	*
11/10/2016	2:45:00	0	27.561	16.2	2053.3	*
11/10/2016	3:00:00	0	27.575	16.2	2054.5	*
11/10/2016	3:15:00	0	27.611	16.2	2054.5	*
11/10/2016	3:30:00	0	27.558	16.2	2054.5	*
11/10/2016	3:45:00	0	27.579	16.2	2053.3	*
11/10/2016	4:00:00	0	27.535	16.2	2054.5	*
11/10/2016	4:15:00	0	27.536	16.2	2054.5	*
11/10/2016	4:30:00	0	27.578	16.2	2054.5	*
11/10/2016	4:45:00	0	27.538	16.2	2054.5	*
11/10/2016	5:00:00	0	27.556	16.2	2054.5	*
11/10/2016	5:15:00	0	27.58	16.2	2054.5	*
11/10/2016	5:30:00	0	27.598	16.2	2054.5	*
11/10/2016	5:45:00	0	27.573	16.2	2054.5	*
11/10/2016	6:00:00	0	27.54	16.2	2054.5	*
11/10/2016	6:15:00	0	27.51	16.2	2053.3	*

11/10/2016	6:30:00	0	27.533	16.2	2054.5	*
11/10/2016	6:45:00	0	27.57	16.2	2053.3	*
11/10/2016	7:00:00	0	27.548	16.2	2053.3	*
11/10/2016	7:15:00	0	27.549	16.2	2054.5	*
11/10/2016	7:30:00	0	27.581	16.2	2054.5	*
11/10/2016	7:45:00	0	27.519	16.2	2054.5	*
11/10/2016	8:00:00	0	27.538	16.2	2054.5	*
11/10/2016	8:15:00	0	27.521	16.2	2054.5	*
11/10/2016	8:30:00	0	27.525	16.2	2054.5	*
11/10/2016	8:45:00	0	27.542	16.2	2053.3	*
11/10/2016	9:00:00	0	27.505	16.2	2054.5	*
11/10/2016	9:15:00	0	27.53	16.2	2054.5	*
11/10/2016	9:30:00	0	27.516	16.2	2054.5	*
11/10/2016	9:45:00	0	27.54	16.2	2053.3	*
11/10/2016	10:00:00	0	27.561	16.2	2053.3	*
11/10/2016	10:15:00	0	27.547	16.2	2053.3	*
11/10/2016	10:30:00	0	27.61	16.2	2053.3	*
11/10/2016	10:45:00	0	27.494	16.2	2054.5	*
11/10/2016	11:00:00	0	27.548	16.2	2054.5	*
11/10/2016	11:15:00	0	27.575	16.2	2054.5	*
11/10/2016	11:30:00	0	27.582	16.2	2054.5	*
11/10/2016	11:45:00	0	27.57	16.2	2054.5	*
11/10/2016	12:00:00	0	27.623	16.2	2053.3	*
11/10/2016	12:15:00	0	27.583	16.2	2054.5	*
11/10/2016	12:30:00	0	27.552	16.2	2054.5	*
11/10/2016	12:45:00	0	27.611	16.2	2054.5	*
11/10/2016	13:00:00	0	27.613	16.2	2054.5	*
11/10/2016	13:15:00	0	27.591	16.2	2053.3	*
11/10/2016	13:30:00	0	27.544	16.2	2053.3	*
11/10/2016	13:45:00	0	27.502	16.2	2056.8	*
11/10/2016	14:00:00	0	27.54	16.2	2053.3	*
11/10/2016	14:15:00	0	27.556	16.2	2053.3	*
11/10/2016	14:30:00	0	27.553	16.2	2053.3	*
11/10/2016	14:45:00	0	27.55	16.2	2054.5	*
11/10/2016	15:00:00	0	27.565	16.2	2056.8	*
11/10/2016	15:15:00	0	27.523	16.2	2056.8	*
11/10/2016	15:30:00	0	27.519	16.2	2054.5	*
11/10/2016	15:45:00	0	27.518	16.2	2056.8	*
11/10/2016	16:00:00	0	27.555	16.2	2053.3	*
11/10/2016	16:15:00	0	27.533	16.2	2054.5	*
11/10/2016	16:30:00	0	27.533	16.2	2054.5	*
11/10/2016	16:45:00	0	27.513	16.2	2054.5	*
11/10/2016	17:00:00	0	27.527	16.2	2054.5	*
11/10/2016	17:15:00	0	27.546	16.2	2056.8	*
11/10/2016	17:30:00	0	27.492	16.2	2042.7	*
11/10/2016	17:45:00	0	27.554	16.2	2048.6	
11/10/2016	18:00:00	0	27.554	16.2	2052.1	

11/10/2016	18:15:00	0	27.493	16.2	2053.3
11/10/2016	18:30:00	0	27.515	16.2	2054.5
11/10/2016	18:45:00	0	27.494	16.2	2056.8
11/10/2016	19:00:00	0	27.538	16.2	2056.8
11/10/2016	19:15:00	0	27.542	16.2	2059.2
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11/10/2016	20:30:00	0	27.547	16.2	2066.2
11/10/2016	20:45:00	0	27.528	16.2	2066.2
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11/10/2016	21:30:00	0	27.539	16.2	2069.8
11/10/2016	21:45:00	0	27.559	16.2	2069.8
11/10/2016	22:00:00	0	27.556	16.2	2069.8
11/10/2016	22:15:00	0	27.557	16.2	2072.1
11/10/2016	22:30:00	0	27.557	16.2	2069.8
11/10/2016	22:45:00	0	27.542	16.2	2069.8
11/10/2016	23:00:00	0	27.584	16.2	2069.8
11/10/2016	23:15:00	0	27.546	16.2	2069.8
11/10/2016	23:30:00	0	27.507	16.2	2069.8
11/10/2016	23:45:00	0	27.539	16.2	2069.8
11/11/2016	0:00:00	0	27.551	16.2	2068.6
11/11/2016	0:15:00	0	27.548	16.2	2066.2
11/11/2016	0:30:00	0	27.49	16.2	2065.1
11/11/2016	0:45:00	0	27.549	16.2	2066.2
11/11/2016	1:00:00	0	27.53	16.2	2066.2
11/11/2016	1:15:00	0	27.549	16.2	2066.2
11/11/2016	1:30:00	0	27.525	16.2	2065.1
11/11/2016	1:45:00	0	27.548	16.2	2065.1
11/11/2016	2:00:00	0	27.588	16.2	2065.1
11/11/2016	2:15:00	0	27.534	16.2	2063.9
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11/11/2016	2:45:00	0	27.602	16.2	2063.9
11/11/2016	3:00:00	0	27.565	16.2	2065.1
11/11/2016	3:15:00	0	27.531	16.2	2065.1
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11/11/2016	4:15:00	0	27.557	16.2	2065.1
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11/11/2016	4:45:00	0	27.615	16.2	2065.1
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11/11/2016	5:30:00	0	27.577	16.2	2063.9
11/11/2016	5:45:00	0	27.578	16.2	2063.9

11/11/2016	6:00:00	0	27.613	16.2	2063.9
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11/11/2016	6:30:00	0	27.545	16.2	2063.9
11/11/2016	6:45:00	0	27.544	16.2	2062.7
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11/11/2016	7:30:00	0	27.552	16.2	2062.7
11/11/2016	7:45:00	0	27.549	16.2	2062.7
11/11/2016	8:00:00	0	27.547	16.2	2062.7
11/11/2016	8:15:00	0	27.504	16.2	2060.4
11/11/2016	8:30:00	0	27.559	16.2	2062.7
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11/11/2016	9:00:00	0	27.516	16.2	2060.4
11/11/2016	9:15:00	0	27.53	16.2	2060.4
11/11/2016	9:30:00	0	27.49	16.2	2062.7
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11/11/2016	12:00:00	0	27.543	16.2	2063.9
11/11/2016	12:15:00	0	27.566	16.2	2063.9
11/11/2016	12:30:00	0	27.588	16.2	2062.7
11/11/2016	12:45:00	0	27.589	16.2	2062.7
11/11/2016	13:00:00	0	27.547	16.2	2062.7
11/11/2016	13:15:00	0	27.546	16.2	2063.9
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11/11/2016	13:45:00	0	27.567	16.2	2063.9
11/11/2016	14:00:00	0	27.507	16.2	2062.7
11/11/2016	14:15:00	0	27.548	16.2	2062.7
11/11/2016	14:30:00	0	27.504	16.2	2062.7
11/11/2016	14:45:00	0	27.518	16.2	2063.9
11/11/2016	15:00:00	0	27.611	16.2	2062.7
11/11/2016	15:15:00	0	27.534	16.2	2062.7
11/11/2016	15:30:00	0	27.551	16.2	2062.7
11/11/2016	15:45:00	0	27.61	16.2	2062.7
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11/17/2016	14:30:00	0	27.546	16.1	2062.7

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11/17/2016	15:30:00	0	27.553	16.2	2060.4
11/17/2016	15:45:00	0	27.554	16.2	2059.2

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	Time modified from DST (-01:00)
11/9/2016	23:00:00	0	151.697	16.1	2624.6	*
11/9/2016	23:15:00	0	151.72	16.1	2624.6	*
11/9/2016	23:30:00	0	151.623	16.1	2624.6	*
11/9/2016	23:45:00	0	151.621	16.1	2624.6	*
11/10/2016	0:00:00	0	151.562	16.1	2624.6	*
11/10/2016	0:15:00	0	151.538	16.1	2624.6	*
11/10/2016	0:30:00	0	151.456	16.1	2624.6	*
11/10/2016	0:45:00	0	151.459	16.1	2624.6	*
11/10/2016	1:00:00	0	151.401	16.1	2623.4	*
11/10/2016	1:15:00	0	151.383	16.1	2623.4	*
11/10/2016	1:30:00	0	151.387	16.1	2623.4	*
11/10/2016	1:45:00	0	151.371	16.1	2623.4	*
11/10/2016	2:00:00	0	151.336	16.1	2623.4	*
11/10/2016	2:15:00	0	151.279	16.1	2623.4	*
11/10/2016	2:30:00	0	151.262	16.1	2622.2	*
11/10/2016	2:45:00	0	151.261	16.1	2623.4	*
11/10/2016	3:00:00	0	151.256	16.1	2623.4	*
11/10/2016	3:15:00	0	151.213	16.1	2622.2	*
11/10/2016	3:30:00	0	151.239	16.1	2623.4	*
11/10/2016	3:45:00	0	151.201	16.1	2623.4	*
11/10/2016	4:00:00	0	151.196	16.1	2623.4	*
11/10/2016	4:15:00	0	151.197	16.1	2622.2	*
11/10/2016	4:30:00	0	151.24	16.1	2622.2	*
11/10/2016	4:45:00	0	151.219	16.1	2623.4	*
11/10/2016	5:00:00	0	151.158	16.1	2623.4	*
11/10/2016	5:15:00	0	151.202	16.1	2622.2	*
11/10/2016	5:30:00	0	151.181	16.1	2622.2	*
11/10/2016	5:45:00	0	151.176	16.1	2622.2	*
11/10/2016	6:00:00	0	151.162	16.1	2622.2	*
11/10/2016	6:15:00	0	151.172	16.1	2622.2	*

11/10/2016	6:30:00	0	151.155	16.1	2622.2	*
11/10/2016	6:45:00	0	151.113	16.1	2622.2	*
11/10/2016	7:00:00	0	151.17	16.1	2622.2	*
11/10/2016	7:15:00	0	151.23	16.1	2622.2	*
11/10/2016	7:30:00	0	151.281	16.1	2622.2	*
11/10/2016	7:45:00	0	151.318	16.1	2622.2	*
11/10/2016	8:00:00	0	151.416	16.1	2621.1	*
11/10/2016	8:15:00	0	151.379	16.1	2622.2	*
11/10/2016	8:30:00	0	151.403	16.1	2622.2	*
11/10/2016	8:45:00	0	151.381	16.1	2623.4	*
11/10/2016	9:00:00	0	151.422	16.1	2623.4	*
11/10/2016	9:15:00	0	151.368	16.1	2624.6	*
11/10/2016	9:30:00	0	151.394	16.1	2625.8	*
11/10/2016	9:45:00	0	151.339	16.1	2625.8	*
11/10/2016	10:00:00	0	151.321	16.1	2625.8	*
11/10/2016	10:15:00	0	151.326	16.1	2628.1	*
11/10/2016	10:30:00	0	151.291	16.1	2628.1	*
11/10/2016	10:45:00	0	151.254	16.1	2628.1	*
11/10/2016	11:00:00	0	151.229	16.1	2629.3	*
11/10/2016	11:15:00	0	151.236	16.1	2628.1	*
11/10/2016	11:30:00	0	151.204	16.1	2629.3	*
11/10/2016	11:45:00	0	151.231	16.1	2629.3	*
11/10/2016	12:00:00	0	151.265	16.1	2629.3	*
11/10/2016	12:15:00	0	151.225	16.1	2630.5	*
11/10/2016	12:30:00	0	151.253	16.1	2630.5	*
11/10/2016	12:45:00	0	151.273	16.1	2630.5	*
11/10/2016	13:00:00	0	151.235	16.1	2630.5	*
11/10/2016	13:15:00	0	151.272	16.1	2630.5	*
11/10/2016	13:30:00	0	151.245	16.1	2629.3	*
11/10/2016	13:45:00	0	151.301	16.1	2629.3	*
11/10/2016	14:00:00	0	151.261	16.1	2629.3	*
11/10/2016	14:15:00	0	151.296	16.1	2629.3	*
11/10/2016	14:30:00	0	151.254	16.1	2629.3	*
11/10/2016	14:45:00	0	151.31	16.1	2630.5	*
11/10/2016	15:00:00	0	151.324	16.1	2630.5	*
11/10/2016	15:15:00	0	150.023	16.1	2635.2	*
11/10/2016	15:30:00	0	151.299	16.1	2628.1	*
11/10/2016	15:45:00	0	151.277	16.1	2628.1	
11/10/2016	16:00:00	0	151.336	16.1	2623.4	
11/10/2016	16:15:00	0	151.295	16.1	2624.6	
11/10/2016	16:30:00	0	151.335	16.1	2624.6	
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11/10/2016	17:00:00	0	151.315	16.1	2624.6	
11/10/2016	17:15:00	0	151.275	16.1	2623.4	
11/10/2016	17:30:00	0	151.275	16.1	2623.4	
11/10/2016	17:45:00	0	151.294	16.1	2623.4	
11/10/2016	18:00:00	0	151.334	16.1	2623.4	

11/10/2016	18:15:00	0	151.351	16.1	2623.4
11/10/2016	18:30:00	0	151.353	16.1	2622.2
11/10/2016	18:45:00	0	151.392	16.1	2623.4
11/10/2016	19:00:00	0	151.317	16.1	2623.4
11/10/2016	19:15:00	0	151.301	16.1	2622.2
11/10/2016	19:30:00	0	151.261	16.1	2622.2
11/10/2016	19:45:00	0	151.219	16.1	2622.2
11/10/2016	20:00:00	0	151.197	16.1	2622.2
11/10/2016	20:15:00	0	151.195	16.1	2622.2
11/10/2016	20:30:00	0	151.268	16.1	2621.1
11/10/2016	20:45:00	0	151.287	16.1	2621.1
11/10/2016	21:00:00	0	151.285	16.1	2618.7
11/10/2016	21:15:00	0	151.325	16.1	2621.1
11/10/2016	21:30:00	0	151.338	16.1	2621.1
11/10/2016	21:45:00	0	151.338	16.1	2621.1
11/10/2016	22:00:00	0	151.395	16.1	2621.1
11/10/2016	22:15:00	0	151.435	16.1	2618.7
11/10/2016	22:30:00	0	151.455	16.1	2618.7
11/10/2016	22:45:00	0	151.46	16.1	2618.7
11/10/2016	23:00:00	0	151.501	16.1	2617.5
11/10/2016	23:15:00	0	151.483	16.1	2618.7
11/10/2016	23:30:00	0	151.523	16.1	2617.5
11/10/2016	23:45:00	0	151.476	16.1	2618.7
11/11/2016	0:00:00	0	151.409	16.1	2617.5
11/11/2016	0:15:00	0	151.446	16.1	2617.5
11/11/2016	0:30:00	0	151.328	16.1	2617.5
11/11/2016	0:45:00	0	151.289	16.1	2617.5
11/11/2016	1:00:00	0	151.31	16.1	2617.5
11/11/2016	1:15:00	0	151.269	16.1	2617.5
11/11/2016	1:30:00	0	151.226	16.1	2616.3
11/11/2016	1:45:00	0	151.229	16.1	2616.3
11/11/2016	2:00:00	0	151.21	16.1	2616.3
11/11/2016	2:15:00	0	151.156	16.1	2616.3
11/11/2016	2:30:00	0	151.201	16.1	2615.2
11/11/2016	2:45:00	0	151.244	16.1	2616.3
11/11/2016	3:00:00	0	151.266	16.1	2614
11/11/2016	3:15:00	0	151.33	16.1	2614
11/11/2016	3:30:00	0	151.373	16.1	2616.3
11/11/2016	3:45:00	0	151.397	16.1	2616.3
11/11/2016	4:00:00	0	151.474	16.1	2616.3
11/11/2016	4:15:00	0	151.514	16.1	2614
11/11/2016	4:30:00	0	151.517	16.1	2615.2
11/11/2016	4:45:00	0	151.552	16.1	2615.2
11/11/2016	5:00:00	0	151.578	16.1	2615.2
11/11/2016	5:15:00	0	151.594	16.1	2614
11/11/2016	5:30:00	0	151.612	16.1	2615.2
11/11/2016	5:45:00	0	151.633	16.1	2614

11/11/2016	6:00:00	0	151.649	16.1	2614
11/11/2016	6:15:00	0	151.684	16.1	2614
11/11/2016	6:30:00	0	151.679	16.1	2614
11/11/2016	6:45:00	0	151.678	16.1	2611.6
11/11/2016	7:00:00	0	151.716	16.1	2611.6
11/11/2016	7:15:00	0	151.634	16.1	2614
11/11/2016	7:30:00	0	151.666	16.1	2614
11/11/2016	7:45:00	0	151.565	16.1	2614
11/11/2016	8:00:00	0	151.523	16.1	2611.6
11/11/2016	8:15:00	0	151.539	16.1	2611.6
11/11/2016	8:30:00	0	151.535	16.1	2611.6
11/11/2016	8:45:00	0	151.551	16.1	2611.6
11/11/2016	9:00:00	0	151.571	16.1	2611.6
11/11/2016	9:15:00	0	151.526	16.1	2611.6
11/11/2016	9:30:00	0	151.545	16.1	2611.6
11/11/2016	9:45:00	0	151.547	16.1	2611.6
11/11/2016	10:00:00	0	151.566	16.1	2610.4
11/11/2016	10:15:00	0	151.592	16.1	2610.4
11/11/2016	10:30:00	0	151.571	16.1	2610.4
11/11/2016	10:45:00	0	151.573	16.1	2610.4
11/11/2016	11:00:00	0	151.537	16.1	2610.4
11/11/2016	11:15:00	0	151.537	16.1	2610.4
11/11/2016	11:30:00	0	151.573	16.1	2610.4
11/11/2016	11:45:00	0	151.534	16.1	2610.4
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11/11/2016	12:15:00	0	151.542	16.1	2610.4
11/11/2016	12:30:00	0	151.545	16.1	2610.4
11/11/2016	12:45:00	0	151.546	16.1	2610.4
11/11/2016	13:00:00	0	151.563	16.1	2610.4
11/11/2016	13:15:00	0	151.562	16.1	2610.4
11/11/2016	13:30:00	0	151.561	16.1	2609.3
11/11/2016	13:45:00	0	151.563	16.1	2609.3
11/11/2016	14:00:00	0	151.562	16.1	2609.3
11/11/2016	14:15:00	0	151.583	16.1	2609.3
11/11/2016	14:30:00	0	151.618	16.1	2609.3
11/11/2016	14:45:00	0	151.632	16.1	2609.3
11/11/2016	15:00:00	0	151.567	16.1	2609.3
11/11/2016	15:15:00	0	151.609	16.1	2609.3
11/11/2016	15:30:00	0	151.665	16.1	2609.3
11/11/2016	15:45:00	0	151.645	16.1	2608.1
11/11/2016	16:00:00	0	151.663	16.1	2609.3
11/11/2016	16:15:00	0	151.671	16.1	2610.4
11/11/2016	16:30:00	0	151.664	16.1	2609.3
11/11/2016	16:45:00	0	151.636	16.1	2609.3
11/11/2016	17:00:00	0	151.672	16.1	2608.1
11/11/2016	17:15:00	0	151.686	16.1	2608.1
11/11/2016	17:30:00	0	151.7	16.1	2608.1

11/11/2016	17:45:00	0	151.679	16.1	2608.1
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11/11/2016	18:45:00	0	151.717	16.1	2606.9
11/11/2016	19:00:00	0	151.684	16.1	2606.9
11/11/2016	19:15:00	0	151.671	16.1	2606.9
11/11/2016	19:30:00	0	151.661	16.1	2606.9
11/11/2016	19:45:00	0	151.693	16.1	2608.1
11/11/2016	20:00:00	0	151.715	16.1	2608.1
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11/11/2016	20:30:00	0	151.708	16.1	2606.9
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11/11/2016	21:15:00	0	151.718	16.1	2606.9
11/11/2016	21:30:00	0	151.736	16.1	2606.9
11/11/2016	21:45:00	0	151.71	16.1	2606.9
11/11/2016	22:00:00	0	151.727	16.1	2606.9
11/11/2016	22:15:00	0	151.741	16.1	2606.9
11/11/2016	22:30:00	0	151.764	16.1	2606.9
11/11/2016	22:45:00	0	151.7	16.1	2604.6
11/11/2016	23:00:00	0	151.738	16.1	2604.6
11/11/2016	23:15:00	0	151.645	16.1	2604.6
11/11/2016	23:30:00	0	151.603	16.1	2604.6
11/11/2016	23:45:00	0	151.574	16.1	2604.6
11/12/2016	0:00:00	0	151.537	16.1	2604.6
11/12/2016	0:15:00	0	151.504	16.1	2604.6
11/12/2016	0:30:00	0	151.436	16.1	2604.6
11/12/2016	0:45:00	0	151.433	16.1	2604.6
11/12/2016	1:00:00	0	151.436	16.1	2604.6
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11/12/2016	1:30:00	0	151.319	16.1	2606.9
11/12/2016	1:45:00	0	151.343	16.1	2606.9
11/12/2016	2:00:00	0	151.322	16.1	2606.9
11/12/2016	2:15:00	0	151.441	16.1	2604.6
11/12/2016	2:30:00	0	151.421	16.1	2606.9
11/12/2016	2:45:00	0	151.439	16.1	2606.9
11/12/2016	3:00:00	0	151.436	16.1	2604.6
11/12/2016	3:15:00	0	151.434	16.1	2606.9
11/12/2016	3:30:00	0	151.392	16.1	2606.9
11/12/2016	3:45:00	0	151.376	16.1	2604.6
11/12/2016	4:00:00	0	151.333	16.1	2606.9
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11/12/2016	4:45:00	0	151.292	16.1	2604.6
11/12/2016	5:00:00	0	151.278	16.1	2604.6
11/12/2016	5:15:00	0	151.293	16.1	2604.6

11/12/2016	5:30:00	0	151.334	16.1	2604.6
11/12/2016	5:45:00	0	151.293	16.1	2606.9
11/12/2016	6:00:00	0	151.333	16.1	2604.6
11/12/2016	6:15:00	0	151.346	16.1	2604.6
11/12/2016	6:30:00	0	151.381	16.1	2604.6
11/12/2016	6:45:00	0	151.453	16.1	2604.6
11/12/2016	7:00:00	0	151.502	16.1	2604.6
11/12/2016	7:15:00	0	151.534	16.1	2604.6
11/12/2016	7:30:00	0	151.549	16.1	2604.6
11/12/2016	7:45:00	0	151.622	16.1	2604.6
11/12/2016	8:00:00	0	151.635	16.1	2603.4
11/12/2016	8:15:00	0	151.631	16.1	2604.6
11/12/2016	8:30:00	0	151.646	16.1	2604.6
11/12/2016	8:45:00	0	151.682	16.1	2604.6
11/12/2016	9:00:00	0	151.721	16.1	2604.6
11/12/2016	9:15:00	0	151.722	16.1	2603.4
11/12/2016	9:30:00	0	151.724	16.1	2603.4
11/12/2016	9:45:00	0	151.725	16.1	2603.4
11/12/2016	10:00:00	0	151.765	16.1	2603.4
11/12/2016	10:15:00	0	151.787	16.1	2603.4
11/12/2016	10:30:00	0	151.779	16.1	2603.4
11/12/2016	10:45:00	0	151.806	16.1	2603.4
11/12/2016	11:00:00	0	151.813	16.1	2603.4
11/12/2016	11:15:00	0	151.824	16.1	2603.4
11/12/2016	11:30:00	0	151.834	16.1	2603.4
11/12/2016	11:45:00	0	151.827	16.1	2603.4
11/12/2016	12:00:00	0	151.84	16.1	2603.4
11/12/2016	12:15:00	0	151.85	16.1	2603.4
11/12/2016	12:30:00	0	151.855	16.1	2602.2
11/12/2016	12:45:00	0	151.833	16.1	2603.4
11/12/2016	13:00:00	0	151.851	16.1	2602.2
11/12/2016	13:15:00	0	151.867	16.1	2602.2
11/12/2016	13:30:00	0	151.852	16.1	2602.2
11/12/2016	13:45:00	0	151.81	16.1	2602.2
11/12/2016	14:00:00	0	151.825	16.1	2602.2
11/12/2016	14:15:00	0	151.783	16.1	2602.2
11/12/2016	14:30:00	0	151.779	16.1	2601
11/12/2016	14:45:00	0	151.741	16.1	2602.2
11/12/2016	15:00:00	0	151.739	16.1	2601
11/12/2016	15:15:00	0	151.667	16.1	2602.2
11/12/2016	15:30:00	0	151.726	16.1	2601
11/12/2016	15:45:00	0	151.705	16.1	2601
11/12/2016	16:00:00	0	151.789	16.1	2601
11/12/2016	16:15:00	0	151.744	16.1	2601
11/12/2016	16:30:00	0	151.703	16.1	2601
11/12/2016	16:45:00	0	151.776	16.1	2601
11/12/2016	17:00:00	0	151.734	16.1	2601

11/12/2016	17:15:00	0	151.752	16.1	2601
11/12/2016	17:30:00	0	151.75	16.1	2601
11/12/2016	17:45:00	0	151.725	16.1	2601
11/12/2016	18:00:00	0	151.722	16.1	2601
11/12/2016	18:15:00	0	151.772	16.1	2599.8
11/12/2016	18:30:00	0	151.764	16.1	2601
11/12/2016	18:45:00	0	151.749	16.1	2601
11/12/2016	19:00:00	0	151.764	16.1	2599.8
11/12/2016	19:15:00	0	151.751	16.1	2599.8
11/12/2016	19:30:00	0	151.743	16.1	2599.8
11/12/2016	19:45:00	0	151.744	16.1	2599.8
11/12/2016	20:00:00	0	151.736	16.1	2599.8
11/12/2016	20:15:00	0	151.73	16.1	2599.8
11/12/2016	20:30:00	0	151.728	16.1	2599.8
11/12/2016	20:45:00	0	151.761	16.1	2599.8
11/12/2016	21:00:00	0	151.754	16.1	2599.8
11/12/2016	21:15:00	0	151.76	16.1	2599.8
11/12/2016	21:30:00	0	151.741	16.1	2599.8
11/12/2016	21:45:00	0	151.748	16.1	2597.5
11/12/2016	22:00:00	0	151.739	16.1	2599.8
11/12/2016	22:15:00	0	151.797	16.1	2599.8
11/12/2016	22:30:00	0	151.751	16.1	2599.8
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11/15/2016	23:15:00	0	151.965	16.1	2594
11/15/2016	23:30:00	0	151.986	16.1	2594
11/15/2016	23:45:00	0	151.952	16.1	2594
11/16/2016	0:00:00	0	151.973	16.1	2594
11/16/2016	0:15:00	0	151.957	16.1	2591.6
11/16/2016	0:30:00	0	151.953	16.1	2591.6
11/16/2016	0:45:00	0	151.97	16.1	2591.6
11/16/2016	1:00:00	0	151.932	16.1	2591.6
11/16/2016	1:15:00	0	151.953	16.1	2591.6
11/16/2016	1:30:00	0	151.912	16.1	2591.6
11/16/2016	1:45:00	0	151.954	16.1	2591.6
11/16/2016	2:00:00	0	151.972	16.1	2591.6
11/16/2016	2:15:00	0	151.99	16.1	2591.6
11/16/2016	2:30:00	0	151.994	16.1	2591.6
11/16/2016	2:45:00	0	151.974	16.1	2591.6
11/16/2016	3:00:00	0	152.002	16.1	2591.6
11/16/2016	3:15:00	0	151.983	16.1	2591.6

11/16/2016	3:30:00	0	151.962	16.1	2590.4
11/16/2016	3:45:00	0	152.02	16.1	2591.6
11/16/2016	4:00:00	0	152.024	16.1	2591.6
11/16/2016	4:15:00	0	152.051	16.1	2594
11/16/2016	4:30:00	0	152.031	16.1	2591.6
11/16/2016	4:45:00	0	152.049	16.1	2591.6
11/16/2016	5:00:00	0	152.048	16.1	2591.6
11/16/2016	5:15:00	0	152.065	16.1	2591.6
11/16/2016	5:30:00	0	152.09	16.1	2591.6
11/16/2016	5:45:00	0	152.067	16.1	2591.6
11/16/2016	6:00:00	0	152.071	16.1	2590.4
11/16/2016	6:15:00	0	152.094	16.1	2590.4
11/16/2016	6:30:00	0	152.07	16.1	2590.4
11/16/2016	6:45:00	0	152.027	16.1	2591.6
11/16/2016	7:00:00	0	152.019	16.1	2590.4
11/16/2016	7:15:00	0	152.056	16.1	2591.6
11/16/2016	7:30:00	0	152.031	16.1	2590.4
11/16/2016	7:45:00	0	152.045	16.1	2590.4
11/16/2016	8:00:00	0	152.057	16.1	2591.6
11/16/2016	8:15:00	0	152.074	16.1	2590.4
11/16/2016	8:30:00	0	152.071	16.1	2590.4
11/16/2016	8:45:00	0	152.085	16.1	2590.4
11/16/2016	9:00:00	0	152.1	16.1	2590.4
11/16/2016	9:15:00	0	152.104	16.1	2590.4
11/16/2016	9:30:00	0	152.162	16.1	2590.4
11/16/2016	9:45:00	0	152.161	16.1	2590.4
11/16/2016	10:00:00	0	152.12	16.1	2590.4
11/16/2016	10:15:00	0	152.142	16.1	2590.4
11/16/2016	10:30:00	0	152.147	16.1	2589.2
11/16/2016	10:45:00	0	152.169	16.1	2590.4
11/16/2016	11:00:00	0	152.153	16.1	2589.2
11/16/2016	11:15:00	0	152.135	16.1	2590.4
11/16/2016	11:30:00	0	152.203	16.1	2590.4
11/16/2016	11:45:00	0	152.169	16.1	2590.4
11/16/2016	12:00:00	0	152.157	16.1	2589.2
11/16/2016	12:15:00	0	152.224	16.1	2590.4
11/16/2016	12:30:00	0	152.207	16.1	2590.4
11/16/2016	12:45:00	0	152.214	16.1	2590.4
11/16/2016	13:00:00	0	152.222	16.1	2590.4
11/16/2016	13:15:00	0	152.228	16.1	2590.4
11/16/2016	13:30:00	0	152.234	16.1	2590.4
11/16/2016	13:45:00	0	152.183	16.1	2590.4
11/16/2016	14:00:00	0	152.204	16.1	2590.4
11/16/2016	14:15:00	0	152.225	16.1	2590.4
11/16/2016	14:30:00	0	152.249	16.1	2590.4
11/16/2016	14:45:00	0	152.228	16.1	2590.4
11/16/2016	15:00:00	0	152.231	16.1	2589.2

11/16/2016	15:15:00	0	152.229	16.1	2589.2
11/16/2016	15:30:00	0	152.245	16.1	2589.2
11/16/2016	15:45:00	0	152.21	16.1	2589.2
11/16/2016	16:00:00	0	152.261	16.1	2589.2
11/16/2016	16:15:00	0	152.205	16.1	2589.2
11/16/2016	16:30:00	0	152.22	16.1	2589.2
11/16/2016	16:45:00	0	152.242	16.1	2589.2
11/16/2016	17:00:00	0	152.219	16.1	2589.2
11/16/2016	17:15:00	0	152.212	16.1	2589.2
11/16/2016	17:30:00	0	152.223	16.1	2590.4
11/16/2016	17:45:00	0	152.219	16.1	2589.2
11/16/2016	18:00:00	0	152.219	16.1	2589.2
11/16/2016	18:15:00	0	152.201	16.1	2589.2
11/16/2016	18:30:00	0	152.195	16.1	2589.2
11/16/2016	18:45:00	0	152.218	16.1	2590.4
11/16/2016	19:00:00	0	152.199	16.1	2589.2
11/16/2016	19:15:00	0	152.202	16.1	2590.4
11/16/2016	19:30:00	0	152.178	16.1	2589.2
11/16/2016	19:45:00	0	152.194	16.1	2589.2
11/16/2016	20:00:00	0	152.191	16.1	2589.2
11/16/2016	20:15:00	0	152.209	16.1	2589.2
11/16/2016	20:30:00	0	152.152	16.1	2589.2
11/16/2016	20:45:00	0	152.184	16.1	2589.2
11/16/2016	21:00:00	0	152.202	16.1	2590.4
11/16/2016	21:15:00	0	152.177	16.1	2590.4
11/16/2016	21:30:00	0	152.18	16.1	2590.4
11/16/2016	21:45:00	0	152.18	16.1	2590.4
11/16/2016	22:00:00	0	152.158	16.1	2590.4
11/16/2016	22:15:00	0	152.143	16.1	2590.4
11/16/2016	22:30:00	0	152.106	16.1	2589.2
11/16/2016	22:45:00	0	152.105	16.1	2590.4
11/16/2016	23:00:00	0	152.088	16.1	2589.2
11/16/2016	23:15:00	0	152.071	16.1	2590.4
11/16/2016	23:30:00	0	152.108	16.1	2589.2
11/16/2016	23:45:00	0	152.102	16.1	2590.4
11/17/2016	0:00:00	0	152.067	16.1	2590.4
11/17/2016	0:15:00	0	152.046	16.1	2589.2
11/17/2016	0:30:00	0	152.064	16.1	2589.2
11/17/2016	0:45:00	0	152.084	16.1	2589.2
11/17/2016	1:00:00	0	152.114	16.1	2589.2
11/17/2016	1:15:00	0	152.075	16.1	2590.4
11/17/2016	1:30:00	0	152.059	16.1	2589.2
11/17/2016	1:45:00	0	152.094	16.1	2589.2
11/17/2016	2:00:00	0	152.066	16.1	2589.2
11/17/2016	2:15:00	0	152.073	16.1	2589.2
11/17/2016	2:30:00	0	152.029	16.1	2589.2
11/17/2016	2:45:00	0	152.03	16.1	2589.2

11/17/2016	3:00:00	0	152.009	16.1	2589.2
11/17/2016	3:15:00	0	152.01	16.1	2589.2
11/17/2016	3:30:00	0	152.047	16.1	2589.2
11/17/2016	3:45:00	0	152.01	16.1	2589.2
11/17/2016	4:00:00	0	152.013	16.1	2589.2
11/17/2016	4:15:00	0	152.034	16.1	2588.1
11/17/2016	4:30:00	0	152.009	16.1	2588.1
11/17/2016	4:45:00	0	152.023	16.1	2589.2
11/17/2016	5:00:00	0	152.019	16.1	2589.2
11/17/2016	5:15:00	0	152.013	16.1	2588.1
11/17/2016	5:30:00	0	152.092	16.1	2588.1
11/17/2016	5:45:00	0	152.075	16.1	2589.2
11/17/2016	6:00:00	0	152.058	16.1	2589.2
11/17/2016	6:15:00	0	152.078	16.1	2588.1
11/17/2016	6:30:00	0	152.034	16.1	2589.2
11/17/2016	6:45:00	0	152.067	16.1	2589.2
11/17/2016	7:00:00	0	152.045	16.1	2588.1
11/17/2016	7:15:00	0	152.056	16.1	2588.1
11/17/2016	7:30:00	0	152.086	16.1	2588.1
11/17/2016	7:45:00	0	152.025	16.1	2588.1
11/17/2016	8:00:00	0	152.015	16.1	2588.1
11/17/2016	8:15:00	0	151.967	16.1	2588.1
11/17/2016	8:30:00	0	152.002	16.1	2588.1
11/17/2016	8:45:00	0	151.984	16.1	2588.1
11/17/2016	9:00:00	0	151.943	16.1	2588.1
11/17/2016	9:15:00	0	151.927	16.1	2588.1
11/17/2016	9:30:00	0	151.926	16.1	2588.1
11/17/2016	9:45:00	0	151.928	16.1	2588.1
11/17/2016	10:00:00	0	151.907	16.1	2589.2
11/17/2016	10:15:00	0	151.89	16.1	2589.2
11/17/2016	10:30:00	0	151.881	16.1	2589.2
11/17/2016	10:45:00	0	151.821	16.1	2589.2
11/17/2016	11:00:00	0	151.847	16.1	2589.2
11/17/2016	11:15:00	0	151.867	16.1	2589.2
11/17/2016	11:30:00	0	151.871	16.1	2589.2
11/17/2016	11:45:00	0	151.86	16.1	2589.2
11/17/2016	12:00:00	0	151.87	16.1	2589.2
11/17/2016	12:15:00	0	151.918	16.1	2590.4
11/17/2016	12:30:00	0	151.883	16.1	2590.4
11/17/2016	12:45:00	0	151.906	16.1	2590.4
11/17/2016	13:00:00	0	151.914	16.1	2589.2
11/17/2016	13:15:00	0	151.922	16.1	2590.4

Report Date: 11/18/2016 8:37:15 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-6M LT Test_2016-11-17_13-32-30-958-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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
11/17/2016 1:31:08 PM	Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:30:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 735
Sensors: 2
1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Sensor: PCTD(A) 197.3ft SN#: 440621 Temperature (C)	Sensor: PCTD(A) 197.3ft SN#: 440621 Depth (ft)	Sensor: PCTD(A) 197.3ft SN#: 440621 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 440621 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 440621 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SN#: 440621 Total Dissolved Solids (ppt)	Sensor: PCTD(A) 197.3ft SN#: 440621 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SN#: 440621 Water Density (g/cm3)	Sensor: Baro-Adj Calc SN#: 000000 Corrected Barometric Pressure (PSI)
11/10/2016 12:00:00 AM	7200.000	58.169	16.906	134.310	1218.849	1441.722	0.730	0.980	820.446	0.999	14.743
11/10/2016 12:15:00 AM	8100.000	58.156	16.909	134.280	1218.142	1440.794	0.729	0.980	820.923	0.999	14.744

11/10/2016 12:30:00 AM	9000.000	58.170	16.905	134.312	1217.465	1440.125	0.729	0.979
821.379	0.999	14.746						
11/10/2016 12:45:00 AM	9900.000	58.168	16.907	134.308	1216.663	1439.131	0.728	0.979
821.920	0.999	14.746						
11/10/2016 1:00:00 AM	10800.000	58.171	16.908	134.315	1216.430	1438.821	0.728	0.978
822.078	0.999	14.745						
11/10/2016 1:15:00 AM	11700.000	58.179	16.906	134.335	1216.667	1439.141	0.728	0.979
821.917	0.999	14.741						
11/10/2016 1:30:00 AM	12600.000	58.180	16.907	134.335	1216.517	1438.934	0.728	0.978
822.019	0.999	14.741						
11/10/2016 1:45:00 AM	13500.000	58.186	16.907	134.351	1214.404	1436.458	0.727	0.977
823.449	0.999	14.736						
11/10/2016 2:00:00 AM	14400.000	58.179	16.909	134.334	1215.185	1437.314	0.727	0.977
822.920	0.999	14.740						
11/10/2016 2:15:00 AM	15300.000	58.165	16.907	134.302	1216.438	1438.837	0.728	0.978
822.072	0.999	14.739						
11/10/2016 2:30:00 AM	16200.000	58.187	16.911	134.352	1217.370	1439.830	0.729	0.979
821.443	0.999	14.737						
11/10/2016 2:45:00 AM	17100.000	58.186	16.910	134.350	1213.167	1434.876	0.726	0.976
824.289	0.999	14.739						
11/10/2016 3:00:00 AM	18000.000	58.190	16.912	134.360	1211.844	1433.265	0.725	0.975
825.189	0.999	14.739						
11/10/2016 3:15:00 AM	18900.000	58.188	16.910	134.354	1213.899	1435.751	0.727	0.976
823.792	0.999	14.741						
11/10/2016 3:30:00 AM	19800.000	58.195	16.911	134.371	1210.219	1431.352	0.724	0.973
826.297	0.999	14.737						
11/10/2016 3:45:00 AM	20700.000	58.191	16.914	134.361	1211.692	1433.015	0.725	0.974
825.292	0.999	14.738						
11/10/2016 4:00:00 AM	21600.000	58.177	16.911	134.329	1210.095	1431.232	0.724	0.973
826.381	0.999	14.742						
11/10/2016 4:15:00 AM	22500.000	58.199	16.911	134.381	1210.547	1431.760	0.725	0.974
826.073	0.999	14.735						
11/10/2016 4:30:00 AM	23400.000	58.186	16.912	134.349	1211.495	1432.847	0.725	0.974
825.426	0.999	14.736						
11/10/2016 4:45:00 AM	24300.000	58.203	16.910	134.389	1210.271	1431.448	0.724	0.973
826.261	0.999	14.732						
11/10/2016 5:00:00 AM	25200.000	58.200	16.911	134.383	1209.421	1430.428	0.724	0.973
826.842	0.999	14.740						
11/10/2016 5:15:00 AM	26100.000	58.204	16.912	134.391	1207.383	1427.965	0.723	0.971
828.237	0.999	14.735						
11/10/2016 5:30:00 AM	27000.000	58.215	16.913	134.416	1207.697	1428.333	0.723	0.971
828.022	0.999	14.732						
11/10/2016 5:45:00 AM	27900.000	58.207	16.914	134.399	1207.535	1428.107	0.723	0.971
828.134	0.999	14.739						
11/10/2016 6:00:00 AM	28800.000	58.212	16.911	134.409	1207.098	1427.659	0.722	0.971
828.433	0.999	14.739						
11/10/2016 6:15:00 AM	29700.000	58.198	16.912	134.378	1205.934	1426.264	0.722	0.970
829.233	0.999	14.758						
11/10/2016 6:30:00 AM	30600.000	58.212	16.916	134.410	1208.215	1428.847	0.723	0.972
827.667	0.999	14.744						
11/10/2016 6:45:00 AM	31500.000	58.219	16.914	134.426	1207.852	1428.482	0.723	0.971
827.916	0.999	14.747						
11/10/2016 7:00:00 AM	32400.000	58.216	16.912	134.419	1207.357	1427.950	0.723	0.971
828.256	0.999	14.749						
11/10/2016 7:15:00 AM	33300.000	58.223	16.913	134.436	1208.104	1428.800	0.723	0.972
827.743	0.999	14.746						
11/10/2016 7:30:00 AM	34200.000	58.225	16.912	134.440	1206.278	1426.658	0.722	0.970
828.996	0.999	14.749						
11/10/2016 7:45:00 AM	35100.000	58.222	16.912	134.433	1208.370	1429.143	0.723	0.972
827.561	0.999	14.756						
11/10/2016 8:00:00 AM	36000.000	58.221	16.913	134.430	1207.405	1427.956	0.723	0.971
828.222	0.999	14.754						
11/10/2016 8:15:00 AM	36900.000	58.237	16.913	134.467	1208.578	1429.372	0.723	0.972
827.419	0.999	14.748						
11/10/2016 8:30:00 AM	37800.000	58.233	16.908	134.459	1208.342	1429.237	0.723	0.972
827.581	0.999	14.747						
11/10/2016 8:45:00 AM	38700.000	58.231	16.910	134.453	1210.199	1431.363	0.724	0.973
826.310	0.999	14.748						
11/10/2016 9:00:00 AM	39600.000	58.224	16.911	134.438	1209.424	1430.438	0.724	0.973
826.840	0.999	14.754						
11/10/2016 9:15:00 AM	40500.000	58.229	16.912	134.448	1208.401	1429.191	0.723	0.972
827.540	0.999	14.750						
11/10/2016 9:30:00 AM	41400.000	58.224	16.913	134.438	1206.181	1426.528	0.722	0.970
829.063	0.999	14.742						
11/10/2016 9:45:00 AM	42300.000	58.226	16.913	134.441	1206.193	1426.523	0.722	0.970
829.055	0.999	14.741						
11/10/2016 10:00:00 AM	43200.000	58.225	16.912	134.439	1205.075	1425.249	0.721	0.969
829.824	0.999	14.738						
11/10/2016 10:15:00 AM	44100.000	58.216	16.913	134.420	1205.196	1425.367	0.721	0.969
829.740	0.999	14.741						
11/10/2016 10:30:00 AM	45000.000	58.206	16.911	134.396	1205.768	1426.085	0.722	0.970
829.347	0.999	14.743						
11/10/2016 10:45:00 AM	45900.000	58.214	16.914	134.415	1204.139	1424.077	0.720	0.968
830.469	0.999	14.734						
11/10/2016 11:00:00 AM	46800.000	58.207	16.912	134.399	1205.412	1425.644	0.721	0.969
829.592	0.999	14.732						
11/10/2016 11:15:00 AM	47700.000	58.199	16.913	134.379	1204.819	1424.929	0.721	0.969
830.000	0.999	14.734						
11/10/2016 11:30:00 AM	48600.000	58.201	16.914	134.385	1204.185	1424.145	0.720	0.968
830.437	0.999	14.727						
11/10/2016 11:45:00 AM	49500.000	58.193	16.911	134.366	1204.989	1425.176	0.721	0.969
829.883	0.999	14.729						
11/10/2016 12:00:00 PM	50400.000	58.186	16.912	134.350	1204.747	1424.875	0.721	0.969
830.050	0.999	14.727						
11/10/2016 12:15:00 PM	51300.000	58.182	16.907	134.340	1206.523	1427.122	0.722	0.970
828.828	0.999	14.730						
11/10/2016 12:30:00 PM	52200.000	58.188	16.912	134.355	1205.398	1425.625	0.721	0.969
829.601	0.999	14.726						
11/10/2016 12:45:00 PM	53100.000	58.184	16.912	134.346	1204.884	1425.032	0.721	0.969
829.955	0.999	14.726						
11/10/2016 1:00:00 PM	54000.000	58.192	16.912	134.364	1203.131	1422.961	0.720	0.968
831.164	0.999	14.716						
11/10/2016 1:15:00 PM	54900.000	58.191	16.914	134.362	1204.031	1423.935	0.720	0.968
830.543	0.999	14.718						
11/10/2016 1:30:00 PM	55800.000	58.165	16.911	134.301	1205.816	1426.145	0.722	0.970
829.314	0.999	14.727						
11/10/2016 1:45:00 PM	56700.000	58.168	16.913	134.309	1204.596	1424.665	0.721	0.969
830.154	0.999	14.725						
11/10/2016 2:00:00 PM	57600.000	58.182	16.911	134.340	1204.821	1424.968	0.721	0.969
829.999	0.999	14.726						
11/10/2016 2:15:00 PM	58500.000	58.178	16.913	134.332	1205.738	1425.996	0.721	0.970
829.367	0.999	14.731						
11/10/2016 2:30:00 PM	59400.000	58.180	16.912	134.336	1205.147	1425.347	0.721	0.969
829.775	0.999	14.729						
11/10/2016 2:45:00 PM	60300.000	58.183	16.912	134.344	1205.872	1426.178	0.722	0.970
829.275	0.999	14.726						
11/10/2016 3:00:00 PM	61200.000	58.182	16.913	134.341	1205.901	1426.203	0.722	0.970
829.256	0.999	14.731						
11/10/2016 3:15:00 PM	62100.000	58.181	16.912	134.339	1206.340	1426.736	0.722	0.970
828.954	0.999	14.732						
11/10/2016 3:30:00 PM	63000.000	58.168	16.911	134.308	1205.327	1425.594	0.721	0.969
829.651	0.999	14.738						
11/10/2016 3:45:00 PM	63900.000	58.171	16.913	134.316	1206.956	1427.445	0.722	0.971
828.531	0.999	14.737						
11/10/2016 4:00:00 PM	64800.000	58.168	16.912	134.308	1206.011	1426.367	0.722	0.970
829.180	0.999	14.737						
11/10/2016 4:15:00 PM	65700.000	58.164	16.912	134.299	1207.300	1427.880	0.722	0.971
828.295	0.999	14.739						
11/10/2016 4:30:00 PM	66600.000	58.167	16.911	134.305	1206.419	1426.856	0.722	0.970
828.899	0.999	14.738						
11/10/2016 4:45:00 PM	67500.000	58.156	16.913	134.281	1206.748	1427.182	0.722	0.970
828.673	0.999	14.743						
11/10/2016 5:00:00 PM	68400.000	58.168	16.911	134.308	1206.565	1427.053	0.722	0.970

828.799	0.999	14.730						
11/10/2016 5:15:00 PM	69300.000	58.152	16.912	134.271	1205.464	1425.706	0.721	0.969
829.556	0.999	14.746						
11/10/2016 5:30:00 PM	70200.000	58.154	16.911	134.277	1206.160	1426.572	0.722	0.970
829.077	0.999	14.744						
11/10/2016 5:45:00 PM	71100.000	58.142	16.912	134.249	1206.807	1427.300	0.722	0.971
828.633	0.999	14.741						
11/10/2016 6:00:00 PM	72000.000	58.148	16.912	134.262	1206.744	1427.237	0.722	0.971
828.676	0.999	14.748						
11/10/2016 6:15:00 PM	72900.000	58.136	16.911	134.233	1209.431	1430.448	0.724	0.973
826.835	0.999	14.744						
11/10/2016 6:30:00 PM	73800.000	58.148	16.911	134.262	1209.729	1430.795	0.724	0.973
826.631	0.999	14.745						
11/10/2016 6:45:00 PM	74700.000	58.136	16.910	134.233	1208.419	1429.266	0.723	0.972
827.528	0.999	14.740						
11/10/2016 7:00:00 PM	75600.000	58.145	16.909	134.256	1207.270	1427.930	0.722	0.971
828.315	0.999	14.744						
11/10/2016 7:15:00 PM	76500.000	58.143	16.910	134.251	1206.666	1427.206	0.722	0.971
828.730	0.999	14.745						
11/10/2016 7:30:00 PM	77400.000	58.128	16.910	134.215	1209.187	1430.169	0.724	0.973
827.002	0.999	14.741						
11/10/2016 7:45:00 PM	78300.000	58.147	16.909	134.260	1208.362	1429.219	0.723	0.972
827.566	0.999	14.742						
11/10/2016 8:00:00 PM	79200.000	58.121	16.910	134.199	1208.189	1428.995	0.723	0.972
827.685	0.999	14.750						
11/10/2016 8:15:00 PM	80100.000	58.147	16.912	134.259	1208.972	1429.871	0.724	0.972
827.149	0.999	14.743						
11/10/2016 8:30:00 PM	81000.000	58.123	16.910	134.204	1208.552	1429.434	0.723	0.972
827.437	0.999	14.748						
11/10/2016 8:45:00 PM	81900.000	58.122	16.910	134.202	1207.085	1427.685	0.722	0.971
828.442	0.999	14.751						
11/10/2016 9:00:00 PM	82800.000	58.136	16.911	134.233	1207.618	1428.273	0.723	0.971
828.076	0.999	14.744						
11/10/2016 9:15:00 PM	83700.000	58.139	16.912	134.241	1208.554	1429.377	0.723	0.972
827.435	0.999	14.751						
11/10/2016 9:30:00 PM	84600.000	58.123	16.911	134.204	1210.095	1431.226	0.724	0.973
826.381	0.999	14.754						
11/10/2016 9:45:00 PM	85500.000	58.147	16.910	134.260	1209.300	1430.324	0.724	0.973
826.925	0.999	14.748						
11/10/2016 10:00:00 PM	86400.000	58.150	16.910	134.267	1211.527	1432.936	0.725	0.974
825.405	0.999	14.752						
11/10/2016 10:15:00 PM	87300.000	58.149	16.909	134.265	1210.385	1431.633	0.724	0.974
826.184	0.999	14.752						
11/10/2016 10:30:00 PM	88200.000	58.153	16.908	134.274	1213.396	1435.213	0.726	0.976
824.133	0.999	14.749						
11/10/2016 10:45:00 PM	89100.000	58.149	16.910	134.265	1211.286	1432.671	0.725	0.974
825.569	0.999	14.754						
11/10/2016 11:00:00 PM	90000.000	58.154	16.909	134.275	1210.966	1432.327	0.725	0.974
825.787	0.999	14.754						
11/10/2016 11:15:00 PM	90900.000	58.155	16.907	134.278	1213.772	1435.703	0.727	0.976
823.878	0.999	14.751						
11/10/2016 11:30:00 PM	91800.000	58.137	16.908	134.236	1212.937	1434.684	0.726	0.976
824.445	0.999	14.758						
11/10/2016 11:45:00 PM	92700.000	58.156	16.907	134.280	1211.612	1433.156	0.725	0.975
825.347	0.999	14.757						
11/11/2016 12:00:00 AM	93600.000	58.163	16.909	134.296	1214.812	1436.847	0.727	0.977
823.173	0.999	14.756						
11/11/2016 12:15:00 AM	94500.000	58.143	16.908	134.251	1213.843	1435.744	0.727	0.976
823.830	0.999	14.759						
11/11/2016 12:30:00 AM	95400.000	58.160	16.908	134.289	1214.480	1436.497	0.727	0.977
823.398	0.999	14.762						
11/11/2016 12:45:00 AM	96300.000	58.162	16.907	134.295	1212.423	1434.090	0.726	0.975
824.795	0.999	14.755						
11/11/2016 1:00:00 AM	97200.000	58.160	16.909	134.289	1213.281	1435.048	0.726	0.976
824.211	0.999	14.759						
11/11/2016 1:15:00 AM	98100.000	58.158	16.908	134.285	1212.495	1434.164	0.726	0.975
824.745	0.999	14.759						
11/11/2016 1:30:00 AM	99000.000	58.166	16.910	134.303	1209.420	1430.447	0.724	0.973
826.843	0.999	14.757						
11/11/2016 1:45:00 AM	99900.000	58.151	16.912	134.268	1209.909	1430.980	0.724	0.973
826.508	0.999	14.752						
11/11/2016 2:00:00 AM	100800.000	58.162	16.910	134.295	1208.817	1429.728	0.723	0.972
827.255	0.999	14.758						
11/11/2016 2:15:00 AM	101700.000	58.170	16.908	134.312	1209.640	1430.767	0.724	0.973
826.692	0.999	14.751						
11/11/2016 2:30:00 AM	102600.000	58.169	16.910	134.309	1210.375	1431.585	0.724	0.973
826.190	0.999	14.752						
11/11/2016 2:45:00 AM	103500.000	58.166	16.911	134.304	1209.329	1430.323	0.724	0.973
826.905	0.999	14.753						
11/11/2016 3:00:00 AM	104400.000	58.172	16.909	134.318	1207.292	1427.967	0.723	0.971
828.300	0.999	14.752						
11/11/2016 3:15:00 AM	105300.000	58.179	16.910	134.333	1207.740	1428.471	0.723	0.971
827.993	0.999	14.745						
11/11/2016 3:30:00 AM	106200.000	58.168	16.910	134.309	1209.666	1430.752	0.724	0.973
826.675	0.999	14.754						
11/11/2016 3:45:00 AM	107100.000	58.181	16.908	134.337	1209.285	1430.355	0.724	0.973
826.935	0.999	14.744						
11/11/2016 4:00:00 AM	108000.000	58.184	16.909	134.346	1212.195	1433.771	0.726	0.975
824.950	0.999	14.743						
11/11/2016 4:15:00 AM	108900.000	58.188	16.908	134.353	1211.689	1433.188	0.725	0.975
825.294	0.999	14.744						
11/11/2016 4:30:00 AM	109800.000	58.191	16.907	134.361	1211.605	1433.127	0.725	0.975
825.352	0.999	14.743						
11/11/2016 4:45:00 AM	110700.000	58.194	16.910	134.367	1213.280	1435.032	0.726	0.976
824.212	0.999	14.745						
11/11/2016 5:00:00 AM	111600.000	58.173	16.907	134.321	1214.495	1436.567	0.727	0.977
823.387	0.999	14.751						
11/11/2016 5:15:00 AM	112500.000	58.198	16.908	134.377	1214.610	1436.651	0.727	0.977
823.310	0.999	14.744						
11/11/2016 5:30:00 AM	113400.000	58.197	16.908	134.376	1213.360	1435.175	0.726	0.976
824.158	0.999	14.746						
11/11/2016 5:45:00 AM	114300.000	58.182	16.907	134.342	1216.749	1439.206	0.728	0.979
821.862	0.999	14.751						
11/11/2016 6:00:00 AM	115200.000	58.200	16.904	134.381	1216.506	1439.022	0.728	0.979
822.026	0.999	14.741						
11/11/2016 6:15:00 AM	116100.000	58.197	16.906	134.374	1214.819	1436.961	0.727	0.977
823.168	0.999	14.745						
11/11/2016 6:30:00 AM	117000.000	58.194	16.907	134.369	1215.540	1437.794	0.728	0.978
822.679	0.999	14.750						
11/11/2016 6:45:00 AM	117900.000	58.217	16.906	134.422	1215.613	1437.911	0.728	0.978
822.630	0.999	14.753						
11/11/2016 7:00:00 AM	118800.000	58.216	16.907	134.418	1216.455	1438.859	0.728	0.978
822.061	0.999	14.755						
11/11/2016 7:15:00 AM	119700.000	58.214	16.906	134.414	1217.018	1439.559	0.729	0.979
821.681	0.999	14.754						
11/11/2016 7:30:00 AM	120600.000	58.218	16.906	134.423	1217.604	1440.272	0.729	0.979
821.285	0.999	14.756						
11/11/2016 7:45:00 AM	121500.000	58.206	16.907	134.397	1218.252	1441.008	0.729	0.980
820.848	0.999	14.756						
11/11/2016 8:00:00 AM	122400.000	58.213	16.906	134.413	1217.625	1440.282	0.729	0.979
821.271	0.999	14.753						
11/11/2016 8:15:00 AM	123300.000	58.216	16.907	134.418	1217.516	1440.120	0.729	0.979
821.344	0.999	14.764						
11/11/2016 8:30:00 AM	124200.000	58.220	16.908	134.429	1217.091	1439.594	0.729	0.979
821.631	0.999	14.760						
11/11/2016 8:45:00 AM	125100.000	58.227	16.906	134.443	1216.589	1439.054	0.728	0.979
821.971	0.999	14.758						
11/11/2016 9:00:00 AM	126000.000	58.226	16.908	134.442	1217.439	1439.989	0.729	0.979
821.396	0.999	14.759						
11/11/2016 9:15:00 AM	126900.000	58.197	16.908	134.375	1216.622	1439.042	0.728	0.979
821.948	0.999	14.768						
11/11/2016 9:30:00 AM	127800.000	58.201	16.906	134.384	1216.720	1439.209	0.728	0.979
821.882	0.999	14.765						

11/11/2016 9:45:00 AM	128700.000	58.198	16.908	134.378	1217.253	1439.780	0.729	0.979
821.522	0.999	14.766						
11/11/2016 10:00:00 AM	129600.000	58.218	16.906	134.423	1213.494	1435.411	0.726	0.976
824.067	0.999	14.766						
11/11/2016 10:15:00 AM	130500.000	58.218	16.907	134.424	1216.777	1439.254	0.728	0.979
821.843	0.999	14.760						
11/11/2016 10:30:00 AM	131400.000	58.224	16.905	134.437	1217.296	1439.917	0.729	0.979
821.493	0.999	14.759						
11/11/2016 10:45:00 AM	132300.000	58.221	16.906	134.429	1217.328	1439.922	0.729	0.979
821.472	0.999	14.759						
11/11/2016 11:00:00 AM	133200.000	58.212	16.907	134.410	1215.330	1437.534	0.728	0.978
822.822	0.999	14.763						
11/11/2016 11:15:00 AM	134100.000	58.206	16.906	134.395	1211.806	1433.395	0.725	0.975
825.214	0.999	14.755						
11/11/2016 11:30:00 AM	135000.000	58.218	16.907	134.423	1214.751	1436.860	0.727	0.977
823.214	0.999	14.761						
11/11/2016 11:45:00 AM	135900.000	58.203	16.907	134.389	1211.445	1432.930	0.725	0.974
825.461	0.999	14.755						
11/11/2016 12:00:00 PM	136800.000	58.214	16.908	134.414	1212.926	1434.653	0.726	0.976
824.453	0.999	14.755						
11/11/2016 12:15:00 PM	137700.000	58.215	16.907	134.417	1210.882	1432.284	0.725	0.974
825.844	0.999	14.755						
11/11/2016 12:30:00 PM	138600.000	58.210	16.906	134.405	1211.713	1433.296	0.725	0.975
825.278	0.999	14.758						
11/11/2016 12:45:00 PM	139500.000	58.214	16.909	134.415	1212.529	1434.170	0.726	0.975
824.723	0.999	14.754						
11/11/2016 1:00:00 PM	140400.000	58.212	16.906	134.409	1210.382	1431.704	0.724	0.974
826.186	0.999	14.755						
11/11/2016 1:15:00 PM	141300.000	58.197	16.907	134.375	1210.142	1431.417	0.724	0.973
826.349	0.999	14.757						
11/11/2016 1:30:00 PM	142200.000	58.196	16.908	134.372	1211.450	1432.916	0.725	0.974
825.457	0.999	14.758						
11/11/2016 1:45:00 PM	143100.000	58.212	16.907	134.409	1212.691	1434.413	0.726	0.975
824.612	0.999	14.760						
11/11/2016 2:00:00 PM	144000.000	58.185	16.907	134.347	1211.627	1433.151	0.725	0.975
825.336	0.999	14.765						
11/11/2016 2:15:00 PM	144900.000	58.222	16.907	134.433	1209.833	1431.042	0.724	0.973
826.561	0.999	14.744						
11/11/2016 2:30:00 PM	145800.000	58.190	16.907	134.358	1214.303	1436.325	0.727	0.977
823.517	0.999	14.761						
11/11/2016 2:45:00 PM	146700.000	58.208	16.907	134.400	1215.290	1437.504	0.728	0.978
822.849	0.999	14.761						
11/11/2016 3:00:00 PM	147600.000	58.196	16.906	134.374	1213.397	1435.271	0.726	0.976
824.133	0.999	14.770						
11/11/2016 3:15:00 PM	148500.000	58.211	16.905	134.407	1212.738	1434.542	0.726	0.975
824.581	0.999	14.760						
11/11/2016 3:30:00 PM	149400.000	58.204	16.907	134.392	1213.932	1435.901	0.727	0.976
823.769	0.999	14.766						
11/11/2016 3:45:00 PM	150300.000	58.196	16.905	134.372	1212.629	1434.418	0.726	0.975
824.655	0.999	14.771						
11/11/2016 4:00:00 PM	151200.000	58.206	16.906	134.397	1213.340	1435.214	0.726	0.976
824.171	0.999	14.762						
11/11/2016 4:15:00 PM	152100.000	58.189	16.905	134.355	1213.472	1435.421	0.726	0.976
824.082	0.999	14.765						
11/11/2016 4:30:00 PM	153000.000	58.205	16.905	134.394	1213.277	1435.191	0.726	0.976
824.214	0.999	14.765						
11/11/2016 4:45:00 PM	153900.000	58.182	16.906	134.341	1214.134	1436.156	0.727	0.977
823.633	0.999	14.771						
11/11/2016 5:00:00 PM	154800.000	58.205	16.907	134.394	1215.100	1437.282	0.727	0.977
822.977	0.999	14.769						
11/11/2016 5:15:00 PM	155700.000	58.204	16.906	134.391	1216.231	1438.629	0.728	0.978
822.212	0.999	14.770						
11/11/2016 5:30:00 PM	156600.000	58.185	16.905	134.347	1215.815	1438.182	0.728	0.978
822.494	0.999	14.773						
11/11/2016 5:45:00 PM	157500.000	58.200	16.906	134.382	1216.422	1438.851	0.728	0.978
822.083	0.999	14.775						
11/11/2016 6:00:00 PM	158400.000	58.179	16.904	134.334	1216.298	1438.787	0.728	0.978
822.167	0.999	14.780						
11/11/2016 6:15:00 PM	159300.000	58.181	16.904	134.339	1216.765	1439.348	0.729	0.979
821.852	0.999	14.778						
11/11/2016 6:30:00 PM	160200.000	58.177	16.906	134.330	1216.610	1439.071	0.728	0.979
821.956	0.999	14.778						
11/11/2016 6:45:00 PM	161100.000	58.181	16.903	134.338	1217.252	1439.947	0.729	0.979
821.523	0.999	14.779						
11/11/2016 7:00:00 PM	162000.000	58.183	16.905	134.342	1215.825	1438.182	0.728	0.978
822.487	0.999	14.775						
11/11/2016 7:15:00 PM	162900.000	58.181	16.903	134.338	1215.992	1438.442	0.728	0.978
822.374	0.999	14.770						
11/11/2016 7:30:00 PM	163800.000	58.186	16.905	134.349	1215.618	1437.954	0.728	0.978
822.627	0.999	14.773						
11/11/2016 7:45:00 PM	164700.000	58.179	16.904	134.333	1216.782	1439.339	0.729	0.979
821.840	0.999	14.759						
11/11/2016 8:00:00 PM	165600.000	58.192	16.904	134.364	1216.213	1438.677	0.728	0.978
822.225	0.999	14.761						
11/11/2016 8:15:00 PM	166500.000	58.194	16.906	134.368	1215.352	1437.600	0.728	0.978
822.807	0.999	14.759						
11/11/2016 8:30:00 PM	167400.000	58.183	16.904	134.344	1215.375	1437.686	0.728	0.978
822.792	0.999	14.754						
11/11/2016 8:45:00 PM	168300.000	58.193	16.904	134.365	1215.850	1438.238	0.728	0.978
822.470	0.999	14.761						
11/11/2016 9:00:00 PM	169200.000	58.190	16.904	134.358	1216.395	1438.882	0.728	0.978
822.102	0.999	14.764						
11/11/2016 9:15:00 PM	170100.000	58.197	16.905	134.376	1216.041	1438.438	0.728	0.978
822.340	0.999	14.759						
11/11/2016 9:30:00 PM	171000.000	58.198	16.905	134.378	1215.488	1437.801	0.728	0.978
822.715	0.999	14.760						
11/11/2016 9:45:00 PM	171900.000	58.180	16.904	134.337	1215.929	1438.336	0.728	0.978
822.416	0.999	14.762						
11/11/2016 10:00:00 PM	172800.000	58.197	16.902	134.374	1217.185	1439.901	0.729	0.979
821.568	0.999	14.777						
11/11/2016 10:15:00 PM	173700.000	58.192	16.904	134.364	1218.409	1441.290	0.730	0.980
820.742	0.999	14.777						
11/11/2016 10:30:00 PM	174600.000	58.189	16.904	134.358	1218.785	1441.720	0.730	0.980
820.489	0.999	14.766						
11/11/2016 10:45:00 PM	175500.000	58.202	16.903	134.387	1219.088	1442.130	0.730	0.981
820.285	0.999	14.773						
11/11/2016 11:00:00 PM	176400.000	58.183	16.904	134.343	1219.501	1442.568	0.730	0.981
820.007	0.999	14.776						
11/11/2016 11:15:00 PM	177300.000	58.197	16.905	134.376	1218.946	1441.894	0.730	0.980
820.381	0.999	14.781						
11/11/2016 11:30:00 PM	178200.000	58.202	16.903	134.387	1218.630	1441.566	0.730	0.980
820.593	0.999	14.782						
11/11/2016 11:45:00 PM	179100.000	58.205	16.904	134.394	1217.772	1440.540	0.729	0.980
821.172	0.999	14.781						
11/12/2016 12:00:00 AM	180000.000	58.202	16.905	134.387	1218.118	1440.903	0.729	0.980
820.938	0.999	14.774						
11/12/2016 12:15:00 AM	180900.000	58.213	16.905	134.412	1217.620	1440.328	0.729	0.979
821.274	0.999	14.773						
11/12/2016 12:30:00 AM	181800.000	58.209	16.905	134.403	1217.132	1439.748	0.729	0.979
821.603	0.999	14.778						
11/12/2016 12:45:00 AM	182700.000	58.182	16.906	134.340	1216.667	1439.138	0.728	0.979
821.918	0.999	14.783						
11/12/2016 1:00:00 AM	183600.000	58.190	16.905	134.360	1213.456	1435.397	0.726	0.976
824.093	0.999	14.776						
11/12/2016 1:15:00 AM	184500.000	58.189	16.907	134.356	1213.302	1435.132	0.726	0.976
824.197	0.999	14.777						
11/12/2016 1:30:00 AM	185400.000	58.208	16.906	134.400	1213.273	1435.138	0.726	0.976
824.217	0.999	14.777						
11/12/2016 1:45:00 AM	186300.000	58.202	16.907	134.386	1214.648	1436.739	0.727	0.977
823.284	0.999	14.780						
11/12/2016 2:00:00 AM	187200.000	58.204	16.908	134.392	1213.504	1435.355	0.726	0.976
824.060	0.999	14.785						
11/12/2016 2:15:00 AM	188100.000	58.193	16.908	134.365	1211.723	1433.245	0.725	0.975

825.271	0.999	14.778						
11/12/2016 2:30:00 AM	189000.000	58.210	16.907	134.405	1210.690	1432.038	0.725	0.974
825.975	0.999	14.780						
11/12/2016 2:45:00 AM	189900.000	58.210	16.907	134.406	1209.892	1431.102	0.724	0.973
826.520	0.999	14.781						
11/12/2016 3:00:00 AM	190800.000	58.212	16.907	134.411	1212.887	1434.641	0.726	0.976
824.479	0.999	14.783						
11/12/2016 3:15:00 AM	191700.000	58.215	16.907	134.417	1213.673	1435.569	0.727	0.976
823.945	0.999	14.780						
11/12/2016 3:30:00 AM	192600.000	58.214	16.908	134.414	1214.063	1436.012	0.727	0.976
823.681	0.999	14.786						
11/12/2016 3:45:00 AM	193500.000	58.224	16.908	134.438	1216.436	1438.830	0.728	0.978
822.074	0.999	14.778						
11/12/2016 4:00:00 AM	194400.000	58.223	16.908	134.435	1214.897	1436.994	0.727	0.977
823.115	0.999	14.783						
11/12/2016 4:15:00 AM	195300.000	58.204	16.905	134.391	1210.084	1431.403	0.724	0.973
826.389	0.999	14.783						
11/12/2016 4:30:00 AM	196200.000	58.225	16.907	134.439	1210.325	1431.610	0.724	0.973
826.225	0.999	14.783						
11/12/2016 4:45:00 AM	197100.000	58.219	16.907	134.426	1208.496	1429.456	0.723	0.972
827.475	0.999	14.784						
11/12/2016 5:00:00 AM	198000.000	58.227	16.906	134.445	1210.407	1431.742	0.725	0.974
826.168	0.999	14.778						
11/12/2016 5:15:00 AM	198900.000	58.226	16.907	134.442	1213.303	1435.148	0.726	0.976
824.196	0.999	14.784						
11/12/2016 5:30:00 AM	199800.000	58.235	16.909	134.464	1209.594	1430.679	0.724	0.973
826.724	0.999	14.778						
11/12/2016 5:45:00 AM	200700.000	58.240	16.912	134.475	1210.123	1431.233	0.724	0.973
826.362	0.999	14.775						
11/12/2016 6:00:00 AM	201600.000	58.225	16.907	134.439	1207.297	1428.041	0.723	0.971
828.297	0.999	14.791						
11/12/2016 6:15:00 AM	202500.000	58.236	16.907	134.464	1207.901	1428.746	0.723	0.972
827.883	0.999	14.784						
11/12/2016 6:30:00 AM	203400.000	58.238	16.910	134.469	1209.045	1430.018	0.724	0.972
827.099	0.999	14.786						
11/12/2016 6:45:00 AM	204300.000	58.236	16.909	134.464	1208.529	1429.438	0.723	0.972
827.452	0.999	14.789						
11/12/2016 7:00:00 AM	205200.000	58.238	16.908	134.470	1210.995	1432.367	0.725	0.974
825.767	0.999	14.792						
11/12/2016 7:15:00 AM	206100.000	58.245	16.907	134.485	1212.032	1433.651	0.726	0.975
825.060	0.999	14.794						
11/12/2016 7:30:00 AM	207000.000	58.231	16.907	134.453	1212.483	1434.172	0.726	0.975
824.754	0.999	14.800						
11/12/2016 7:45:00 AM	207900.000	58.247	16.903	134.491	1212.137	1433.876	0.726	0.975
824.989	0.999	14.801						
11/12/2016 8:00:00 AM	208800.000	58.250	16.905	134.498	1212.566	1434.340	0.726	0.975
824.698	0.999	14.798						
11/12/2016 8:15:00 AM	209700.000	58.232	16.906	134.455	1213.744	1435.711	0.727	0.976
823.897	0.999	14.805						
11/12/2016 8:30:00 AM	210600.000	58.252	16.904	134.501	1214.211	1436.310	0.727	0.977
823.580	0.999	14.808						
11/12/2016 8:45:00 AM	211500.000	58.246	16.906	134.487	1214.523	1436.622	0.727	0.977
823.368	0.999	14.811						
11/12/2016 9:00:00 AM	212400.000	58.261	16.906	134.524	1215.167	1437.372	0.727	0.977
822.932	0.999	14.802						
11/12/2016 9:15:00 AM	213300.000	58.243	16.905	134.482	1214.339	1436.438	0.727	0.977
823.494	0.999	14.806						
11/12/2016 9:30:00 AM	214200.000	58.254	16.906	134.507	1213.979	1435.979	0.727	0.976
823.737	0.999	14.803						
11/12/2016 9:45:00 AM	215100.000	58.242	16.905	134.480	1214.890	1437.087	0.727	0.977
823.120	0.999	14.803						
11/12/2016 10:00:00 AM	216000.000	58.245	16.903	134.485	1214.632	1436.842	0.727	0.977
823.295	0.999	14.802						
11/12/2016 10:15:00 AM	216900.000	58.246	16.905	134.488	1215.590	1437.927	0.728	0.978
822.646	0.999	14.804						
11/12/2016 10:30:00 AM	217800.000	58.256	16.903	134.511	1216.147	1438.632	0.728	0.978
822.269	0.999	14.802						
11/12/2016 10:45:00 AM	218700.000	58.245	16.903	134.486	1216.637	1439.206	0.728	0.979
821.938	0.999	14.794						
11/12/2016 11:00:00 AM	219600.000	58.238	16.903	134.470	1216.953	1439.597	0.729	0.979
821.724	0.999	14.795						
11/12/2016 11:15:00 AM	220500.000	58.241	16.903	134.478	1217.794	1440.594	0.729	0.980
821.157	0.999	14.792						
11/12/2016 11:30:00 AM	221400.000	58.257	16.902	134.514	1217.755	1440.562	0.729	0.980
821.183	0.999	14.789						
11/12/2016 11:45:00 AM	222300.000	58.241	16.905	134.477	1216.778	1439.323	0.729	0.979
821.843	0.999	14.784						
11/12/2016 12:00:00 PM	223200.000	58.244	16.904	134.483	1217.135	1439.783	0.729	0.979
821.602	0.999	14.779						
11/12/2016 12:15:00 PM	224100.000	58.239	16.900	134.472	1216.915	1439.631	0.729	0.979
821.750	0.999	14.776						
11/12/2016 12:30:00 PM	225000.000	58.259	16.902	134.519	1218.015	1440.884	0.729	0.980
821.008	0.999	14.772						
11/12/2016 12:45:00 PM	225900.000	58.258	16.902	134.515	1218.037	1440.890	0.729	0.980
820.993	0.999	14.774						
11/12/2016 1:00:00 PM	226800.000	58.257	16.905	134.514	1217.151	1439.765	0.729	0.979
821.591	0.999	14.771						
11/12/2016 1:15:00 PM	227700.000	58.254	16.902	134.506	1217.391	1440.140	0.729	0.979
821.429	0.999	14.774						
11/12/2016 1:30:00 PM	228600.000	58.259	16.902	134.518	1217.133	1439.826	0.729	0.979
821.603	0.999	14.764						
11/12/2016 1:45:00 PM	229500.000	58.239	16.902	134.473	1216.585	1439.192	0.728	0.979
821.973	0.999	14.770						
11/12/2016 2:00:00 PM	230400.000	58.244	16.904	134.483	1217.531	1440.234	0.729	0.979
821.335	0.999	14.779						
11/12/2016 2:15:00 PM	231300.000	58.248	16.902	134.493	1216.422	1438.980	0.728	0.979
822.083	0.999	14.772						
11/12/2016 2:30:00 PM	232200.000	58.234	16.903	134.460	1216.369	1438.888	0.728	0.978
822.119	0.999	14.773						
11/12/2016 2:45:00 PM	233100.000	58.230	16.905	134.452	1216.385	1438.862	0.728	0.978
822.108	0.999	14.770						
11/12/2016 3:00:00 PM	234000.000	58.236	16.903	134.466	1216.071	1438.553	0.728	0.978
822.320	0.999	14.775						
11/12/2016 3:15:00 PM	234900.000	58.234	16.901	134.460	1216.562	1439.179	0.728	0.979
821.988	0.999	14.775						
11/12/2016 3:30:00 PM	235800.000	58.231	16.903	134.453	1215.991	1438.461	0.728	0.978
822.375	0.999	14.773						
11/12/2016 3:45:00 PM	236700.000	58.235	16.902	134.463	1214.152	1436.294	0.727	0.977
823.620	0.999	14.771						
11/12/2016 4:00:00 PM	237600.000	58.233	16.906	134.457	1214.195	1436.245	0.727	0.977
823.591	0.999	14.767						
11/12/2016 4:15:00 PM	238500.000	58.221	16.903	134.431	1214.640	1436.848	0.727	0.977
823.290	0.999	14.775						
11/12/2016 4:30:00 PM	239400.000	58.221	16.905	134.431	1214.050	1436.083	0.727	0.977
823.689	0.999	14.773						
11/12/2016 4:45:00 PM	240300.000	58.204	16.902	134.392	1215.022	1437.326	0.727	0.977
823.030	0.999	14.775						
11/12/2016 5:00:00 PM	241200.000	58.222	16.903	134.432	1215.694	1438.084	0.728	0.978
822.575	0.999	14.777						
11/12/2016 5:15:00 PM	242100.000	58.201	16.903	134.384	1215.249	1437.569	0.728	0.978
822.876	0.999	14.778						
11/12/2016 5:30:00 PM	243000.000	58.218	16.903	134.424	1215.342	1437.678	0.728	0.978
822.814	0.999	14.778						
11/12/2016 5:45:00 PM	243900.000	58.215	16.905	134.417	1215.928	1438.304	0.728	0.978
822.417	0.999	14.782						
11/12/2016 6:00:00 PM	244800.000	58.217	16.903	134.422	1215.791	1438.229	0.728	0.978
822.510	0.999	14.779						
11/12/2016 6:15:00 PM	245700.000	58.212	16.904	134.410	1215.551	1437.909	0.728	0.978
822.672	0.999	14.785						
11/12/2016 6:30:00 PM	246600.000	58.208	16.903	134.401	1215.428	1437.770	0.728	0.978
822.755	0.999	14.780						
11/12/2016 6:45:00 PM	247500.000	58.208	16.901	134.401	1216.514	1439.122	0.728	0.979
822.021	0.999	14.780						

11/12/2016 7:00:00 PM	248400.000	58.198	16.906	134.376	1216.607	1439.087	0.728	0.979
821.958	0.999	14.784						
11/12/2016 7:15:00 PM	249300.000	58.199	16.904	134.380	1216.841	1439.438	0.729	0.979
821.800	0.999	14.783						
11/12/2016 7:30:00 PM	250200.000	58.189	16.904	134.356	1216.231	1438.711	0.728	0.978
822.212	0.999	14.774						
11/12/2016 7:45:00 PM	251100.000	58.198	16.903	134.378	1216.993	1439.627	0.729	0.979
821.697	0.999	14.774						
11/12/2016 8:00:00 PM	252000.000	58.197	16.904	134.375	1216.367	1438.854	0.728	0.978
822.120	0.999	14.777						
11/12/2016 8:15:00 PM	252900.000	58.202	16.903	134.387	1215.760	1438.170	0.728	0.978
822.531	0.999	14.774						
11/12/2016 8:30:00 PM	253800.000	58.182	16.903	134.342	1215.816	1438.232	0.728	0.978
822.493	0.999	14.782						
11/12/2016 8:45:00 PM	254700.000	58.202	16.903	134.387	1215.881	1438.331	0.728	0.978
822.449	0.999	14.782						
11/12/2016 9:00:00 PM	255600.000	58.200	16.903	134.382	1217.028	1439.691	0.729	0.979
821.674	0.999	14.783						
11/12/2016 9:15:00 PM	256500.000	58.201	16.903	134.385	1216.867	1439.471	0.729	0.979
821.783	0.999	14.783						
11/12/2016 9:30:00 PM	257400.000	58.184	16.903	134.344	1216.932	1439.571	0.729	0.979
821.739	0.999	14.784						
11/12/2016 9:45:00 PM	258300.000	58.180	16.904	134.336	1215.873	1438.270	0.728	0.978
822.455	0.999	14.790						
11/12/2016 10:00:00 PM	259200.000	58.185	16.903	134.346	1215.845	1438.277	0.728	0.978
822.473	0.999	14.788						
11/12/2016 10:15:00 PM	260100.000	58.193	16.903	134.367	1215.866	1438.307	0.728	0.978
822.459	0.999	14.797						
11/12/2016 10:30:00 PM	261000.000	58.196	16.903	134.374	1216.533	1439.104	0.728	0.979
822.008	0.999	14.797						
11/12/2016 10:45:00 PM	261900.000	58.188	16.902	134.353	1216.045	1438.534	0.728	0.978
822.338	0.999	14.798						
11/12/2016 11:00:00 PM	262800.000	58.180	16.903	134.337	1216.685	1439.285	0.728	0.979
821.906	0.999	14.801						
11/12/2016 11:15:00 PM	263700.000	58.185	16.903	134.346	1216.618	1439.208	0.728	0.979
821.951	0.999	14.793						
11/12/2016 11:30:00 PM	264600.000	58.181	16.904	134.338	1215.712	1438.076	0.728	0.978
822.563	0.999	14.795						
11/12/2016 11:45:00 PM	265500.000	58.195	16.903	134.370	1216.085	1438.553	0.728	0.978
822.311	0.999	14.801						
11/13/2016 12:00:00 AM	266400.000	58.201	16.905	134.385	1216.740	1439.282	0.728	0.979
821.868	0.999	14.792						
11/13/2016 12:15:00 AM	267300.000	58.202	16.905	134.387	1216.201	1438.624	0.728	0.978
822.233	0.999	14.794						
11/13/2016 12:30:00 AM	268200.000	58.202	16.904	134.387	1216.192	1438.650	0.728	0.978
822.239	0.999	14.793						
11/13/2016 12:45:00 AM	269100.000	58.202	16.904	134.386	1215.827	1438.230	0.728	0.978
822.485	0.999	14.795						
11/13/2016 1:00:00 AM	270000.000	58.203	16.906	134.388	1214.676	1436.803	0.727	0.977
823.265	0.999	14.792						
11/13/2016 1:15:00 AM	270900.000	58.205	16.906	134.394	1214.866	1437.011	0.727	0.977
823.136	0.999	14.792						
11/13/2016 1:30:00 AM	271800.000	58.194	16.906	134.367	1213.223	1435.079	0.726	0.976
824.251	0.999	14.795						
11/13/2016 1:45:00 AM	272700.000	58.204	16.906	134.391	1213.123	1434.949	0.726	0.976
824.319	0.999	14.799						
11/13/2016 2:00:00 AM	273600.000	58.207	16.908	134.398	1212.692	1434.379	0.726	0.975
824.612	0.999	14.799						
11/13/2016 2:15:00 AM	274500.000	58.214	16.908	134.415	1212.167	1433.762	0.726	0.975
824.969	0.999	14.794						
11/13/2016 2:30:00 AM	275400.000	58.197	16.907	134.376	1213.568	1435.470	0.726	0.976
824.016	0.999	14.796						
11/13/2016 2:45:00 AM	276300.000	58.206	16.907	134.396	1210.257	1431.531	0.724	0.973
826.271	0.999	14.801						
11/13/2016 3:00:00 AM	277200.000	58.193	16.907	134.367	1208.983	1430.035	0.724	0.972
827.141	0.999	14.796						
11/13/2016 3:15:00 AM	278100.000	58.216	16.908	134.419	1207.236	1427.932	0.722	0.971
828.339	0.999	14.796						
11/13/2016 3:30:00 AM	279000.000	58.205	16.908	134.393	1207.021	1427.678	0.722	0.971
828.486	0.999	14.790						
11/13/2016 3:45:00 AM	279900.000	58.216	16.908	134.419	1206.002	1426.486	0.722	0.970
829.186	0.999	14.795						
11/13/2016 4:00:00 AM	280800.000	58.225	16.907	134.440	1205.627	1426.049	0.721	0.970
829.444	0.999	14.788						
11/13/2016 4:15:00 AM	281700.000	58.215	16.908	134.417	1204.937	1425.219	0.721	0.969
829.919	0.999	14.791						
11/13/2016 4:30:00 AM	282600.000	58.223	16.909	134.436	1207.369	1428.061	0.723	0.971
828.247	0.999	14.793						
11/13/2016 4:45:00 AM	283500.000	58.223	16.907	134.436	1204.229	1424.423	0.721	0.969
830.407	0.999	14.796						
11/13/2016 5:00:00 AM	284400.000	58.231	16.906	134.454	1206.492	1427.106	0.722	0.970
828.849	0.999	14.797						
11/13/2016 5:15:00 AM	285300.000	58.235	16.908	134.463	1209.491	1430.585	0.724	0.973
826.794	0.999	14.798						
11/13/2016 5:30:00 AM	286200.000	58.244	16.909	134.483	1211.044	1432.410	0.725	0.974
825.734	0.999	14.792						
11/13/2016 5:45:00 AM	287100.000	58.243	16.906	134.481	1213.459	1435.344	0.726	0.976
824.090	0.999	14.796						
11/13/2016 6:00:00 AM	288000.000	58.238	16.904	134.469	1209.784	1431.091	0.724	0.973
826.594	0.999	14.801						
11/13/2016 6:15:00 AM	288900.000	58.243	16.905	134.481	1209.360	1430.529	0.724	0.973
826.883	0.999	14.800						
11/13/2016 6:30:00 AM	289800.000	58.247	16.903	134.491	1210.556	1432.012	0.725	0.974
826.067	0.999	14.803						
11/13/2016 6:45:00 AM	290700.000	58.246	16.907	134.488	1211.610	1433.142	0.725	0.975
825.348	0.999	14.805						
11/13/2016 7:00:00 AM	291600.000	58.230	16.905	134.451	1212.426	1434.184	0.726	0.975
824.793	0.999	14.810						
11/13/2016 7:15:00 AM	292500.000	58.254	16.905	134.506	1212.898	1434.715	0.726	0.976
824.471	0.999	14.807						
11/13/2016 7:30:00 AM	293400.000	58.247	16.903	134.491	1213.343	1435.311	0.726	0.976
824.169	0.999	14.818						
11/13/2016 7:45:00 AM	294300.000	58.258	16.905	134.517	1215.749	1438.109	0.728	0.978
822.538	0.999	14.813						
11/13/2016 8:00:00 AM	295200.000	58.266	16.904	134.534	1215.146	1437.419	0.728	0.977
822.946	0.999	14.811						
11/13/2016 8:15:00 AM	296100.000	58.258	16.904	134.515	1215.401	1437.726	0.728	0.978
822.774	0.999	14.820						
11/13/2016 8:30:00 AM	297000.000	58.250	16.904	134.497	1215.554	1437.888	0.728	0.978
822.670	0.999	14.811						
11/13/2016 8:45:00 AM	297900.000	58.265	16.904	134.531	1215.069	1437.325	0.727	0.977
822.998	0.999	14.818						
11/13/2016 9:00:00 AM	298800.000	58.245	16.903	134.486	1213.987	1436.087	0.727	0.977
823.732	0.999	14.816						
11/13/2016 9:15:00 AM	299700.000	58.271	16.906	134.545	1213.876	1435.865	0.727	0.976
823.807	0.999	14.813						
11/13/2016 9:30:00 AM	300600.000	58.273	16.904	134.550	1215.223	1437.501	0.728	0.978
822.894	0.999	14.813						
11/13/2016 9:45:00 AM	301500.000	58.259	16.904	134.518	1215.459	1437.784	0.728	0.978
822.734	0.999	14.815						
11/13/2016 10:00:00 AM	302400.000	58.252	16.902	134.503	1215.626	1438.048	0.728	0.978
822.622	0.999	14.824						
11/13/2016 10:15:00 AM	303300.000	58.268	16.904	134.538	1216.386	1438.900	0.728	0.978
822.108	0.999	14.810						
11/13/2016 10:30:00 AM	304200.000	58.264	16.903	134.530	1216.220	1438.709	0.728	0.978
822.220	0.999	14.816						
11/13/2016 10:45:00 AM	305100.000	58.261	16.901	134.522	1217.706	1440.541	0.729	0.980
821.216	0.999	14.817						
11/13/2016 11:00:00 AM	306000.000	58.287	16.903	134.584	1217.692	1440.478	0.729	0.980
821.226	0.999	14.812						
11/13/2016 11:15:00 AM	306900.000	58.279	16.902	134.564	1217.390	1440.138	0.729	0.979
821.430	0.999	14.816						
11/13/2016 11:30:00 AM	307800.000	58.269	16.903	134.541	1215.250	1437.573	0.728	0.978

822.876	0.999	14.811						
11/13/2016 11:45:00 AM	308700.000	58.275	16.903	134.556	1215.093	1437.402	0.727	0.977
822.982	0.999	14.810						
11/13/2016 12:00:00 PM	309600.000	58.281	16.902	134.569	1214.227	1436.397	0.727	0.977
823.569	0.999	14.804						
11/13/2016 12:15:00 PM	310500.000	58.300	16.902	134.612	1215.060	1437.380	0.727	0.977
823.004	0.999	14.799						
11/13/2016 12:30:00 PM	311400.000	58.282	16.902	134.572	1214.620	1436.865	0.727	0.977
823.302	0.999	14.803						
11/13/2016 12:45:00 PM	312300.000	58.295	16.902	134.601	1215.672	1438.103	0.728	0.978
822.590	0.999	14.805						
11/13/2016 1:00:00 PM	313200.000	58.281	16.902	134.569	1215.987	1438.493	0.728	0.978
822.377	0.999	14.802						
11/13/2016 1:15:00 PM	314100.000	58.299	16.901	134.610	1214.708	1436.994	0.727	0.977
823.243	0.999	14.805						
11/13/2016 1:30:00 PM	315000.000	58.286	16.901	134.582	1215.608	1438.050	0.728	0.978
822.634	0.999	14.803						
11/13/2016 1:45:00 PM	315900.000	58.297	16.902	134.607	1214.461	1436.683	0.727	0.977
823.411	0.999	14.796						
11/13/2016 2:00:00 PM	316800.000	58.290	16.902	134.591	1216.242	1438.775	0.728	0.978
822.205	0.999	14.801						
11/13/2016 2:15:00 PM	317700.000	58.313	16.901	134.642	1216.383	1438.964	0.728	0.978
822.110	0.999	14.797						
11/13/2016 2:30:00 PM	318600.000	58.312	16.901	134.640	1216.647	1439.288	0.728	0.979
821.931	0.999	14.800						
11/13/2016 2:45:00 PM	319500.000	58.317	16.901	134.652	1216.122	1438.667	0.728	0.978
822.286	0.999	14.795						
11/13/2016 3:00:00 PM	320400.000	58.297	16.903	134.605	1217.062	1439.730	0.729	0.979
821.651	0.999	14.802						
11/13/2016 3:15:00 PM	321300.000	58.297	16.902	134.605	1216.378	1438.956	0.728	0.978
822.113	0.999	14.801						
11/13/2016 3:30:00 PM	322200.000	58.301	16.901	134.615	1216.429	1439.033	0.728	0.979
822.078	0.999	14.802						
11/13/2016 3:45:00 PM	323100.000	58.302	16.901	134.618	1216.538	1439.156	0.728	0.979
822.005	0.999	14.805						
11/13/2016 4:00:00 PM	324000.000	58.310	16.901	134.636	1214.846	1437.147	0.727	0.977
823.149	0.999	14.801						
11/13/2016 4:15:00 PM	324900.000	58.322	16.902	134.665	1215.102	1437.446	0.728	0.977
822.977	0.999	14.803						
11/13/2016 4:30:00 PM	325800.000	58.330	16.902	134.683	1215.804	1438.277	0.728	0.978
822.501	0.999	14.801						
11/13/2016 4:45:00 PM	326700.000	58.324	16.901	134.667	1216.122	1438.685	0.728	0.978
822.286	0.999	14.807						
11/13/2016 5:00:00 PM	327600.000	58.313	16.901	134.644	1215.388	1437.802	0.728	0.978
822.782	0.999	14.801						
11/13/2016 5:15:00 PM	328500.000	58.329	16.904	134.679	1215.867	1438.266	0.728	0.978
822.458	0.999	14.803						
11/13/2016 5:30:00 PM	329400.000	58.319	16.902	134.657	1216.069	1438.576	0.728	0.978
822.322	0.999	14.802						
11/13/2016 5:45:00 PM	330300.000	58.317	16.901	134.653	1215.957	1438.474	0.728	0.978
822.398	0.999	14.808						
11/13/2016 6:00:00 PM	331200.000	58.324	16.902	134.668	1215.413	1437.803	0.728	0.978
822.766	0.999	14.800						
11/13/2016 6:15:00 PM	332100.000	58.322	16.901	134.663	1214.779	1437.070	0.727	0.977
823.195	0.999	14.806						
11/13/2016 6:30:00 PM	333000.000	58.343	16.901	134.712	1215.477	1437.905	0.728	0.978
822.722	0.999	14.805						
11/13/2016 6:45:00 PM	333900.000	58.324	16.901	134.669	1215.538	1437.988	0.728	0.978
822.681	0.999	14.809						
11/13/2016 7:00:00 PM	334800.000	58.346	16.899	134.719	1215.277	1437.736	0.728	0.978
822.858	0.999	14.809						
11/13/2016 7:15:00 PM	335700.000	58.338	16.901	134.701	1215.600	1438.067	0.728	0.978
822.639	0.999	14.818						
11/13/2016 7:30:00 PM	336600.000	58.344	16.902	134.714	1215.332	1437.707	0.728	0.978
822.820	0.999	14.815						
11/13/2016 7:45:00 PM	337500.000	58.330	16.903	134.683	1214.972	1437.261	0.727	0.977
823.064	0.999	14.814						
11/13/2016 8:00:00 PM	338400.000	58.356	16.902	134.742	1214.483	1436.708	0.727	0.977
823.396	0.999	14.812						
11/13/2016 8:15:00 PM	339300.000	58.356	16.900	134.741	1214.233	1436.455	0.727	0.977
823.565	0.999	14.813						
11/13/2016 8:30:00 PM	340200.000	58.337	16.901	134.699	1214.797	1437.094	0.727	0.977
823.183	0.999	14.811						
11/13/2016 8:45:00 PM	341100.000	58.355	16.899	134.739	1215.201	1437.640	0.728	0.978
822.909	0.999	14.810						
11/13/2016 9:00:00 PM	342000.000	58.339	16.902	134.703	1215.120	1437.445	0.728	0.977
822.964	0.999	14.813						
11/13/2016 9:15:00 PM	342900.000	58.356	16.900	134.743	1216.232	1438.834	0.728	0.978
822.212	0.999	14.817						
11/13/2016 9:30:00 PM	343800.000	58.339	16.902	134.703	1216.464	1439.035	0.728	0.979
822.055	0.999	14.818						
11/13/2016 9:45:00 PM	344700.000	58.365	16.902	134.763	1215.987	1438.464	0.728	0.978
822.377	0.999	14.813						
11/13/2016 10:00:00 PM	345600.000	58.365	16.900	134.764	1215.378	1437.825	0.728	0.978
822.789	0.999	14.817						
11/13/2016 10:15:00 PM	346500.000	58.366	16.902	134.764	1215.559	1437.964	0.728	0.978
822.667	0.999	14.822						
11/13/2016 10:30:00 PM	347400.000	58.368	16.902	134.770	1215.452	1437.843	0.728	0.978
822.739	0.999	14.819						
11/13/2016 10:45:00 PM	348300.000	58.361	16.901	134.753	1214.511	1436.756	0.727	0.977
823.377	0.999	14.818						
11/13/2016 11:00:00 PM	349200.000	58.373	16.900	134.782	1215.260	1437.673	0.728	0.978
822.869	0.999	14.819						
11/13/2016 11:15:00 PM	350100.000	58.363	16.903	134.759	1215.745	1438.167	0.728	0.978
822.541	0.999	14.818						
11/13/2016 11:30:00 PM	351000.000	58.378	16.901	134.792	1215.743	1438.236	0.728	0.978
822.542	0.999	14.823						
11/13/2016 11:45:00 PM	351900.000	58.372	16.901	134.779	1215.395	1437.827	0.728	0.978
822.778	0.999	14.815						
11/14/2016 12:00:00 AM	352800.000	58.368	16.901	134.769	1215.475	1437.913	0.728	0.978
822.724	0.999	14.821						
11/14/2016 12:15:00 AM	353700.000	58.388	16.901	134.817	1215.610	1438.073	0.728	0.978
822.632	0.999	14.814						
11/14/2016 12:30:00 AM	354600.000	58.371	16.901	134.777	1214.967	1437.295	0.727	0.977
823.068	0.999	14.817						
11/14/2016 12:45:00 AM	355500.000	58.392	16.902	134.826	1213.707	1435.788	0.727	0.976
823.922	0.999	14.815						
11/14/2016 1:00:00 AM	356400.000	58.392	16.902	134.824	1213.963	1436.074	0.727	0.977
823.748	0.999	14.816						
11/14/2016 1:15:00 AM	357300.000	58.383	16.900	134.805	1214.078	1436.275	0.727	0.977
823.670	0.999	14.815						
11/14/2016 1:30:00 AM	358200.000	58.390	16.901	134.821	1215.083	1437.455	0.728	0.977
822.989	0.999	14.813						
11/14/2016 1:45:00 AM	359100.000	58.411	16.903	134.870	1214.654	1436.876	0.727	0.977
823.280	0.999	14.814						
11/14/2016 2:00:00 AM	360000.000	58.386	16.901	134.811	1214.024	1436.194	0.727	0.977
823.707	0.999	14.818						
11/14/2016 2:15:00 AM	360900.000	58.394	16.900	134.830	1213.787	1435.943	0.727	0.976
823.867	0.999	14.816						
11/14/2016 2:30:00 AM	361800.000	58.420	16.901	134.890	1214.264	1436.458	0.727	0.977
823.544	0.999	14.808						
11/14/2016 2:45:00 AM	362700.000	58.413	16.901	134.873	1214.032	1436.200	0.727	0.977
823.702	0.999	14.815						
11/14/2016 3:00:00 AM	363600.000	58.405	16.902	134.854	1213.855	1435.969	0.727	0.976
823.821	0.999	14.813						
11/14/2016 3:15:00 AM	364500.000	58.411	16.900	134.868	1214.061	1436.266	0.727	0.977
823.682	0.999	14.809						
11/14/2016 3:30:00 AM	365400.000	58.432	16.900	134.918	1214.116	1436.333	0.727	0.977
823.645	0.999	14.809						
11/14/2016 3:45:00 AM	366300.000	58.414	16.900	134.875	1215.451	1437.924	0.728	0.978
822.740	0.999	14.811						
11/14/2016 4:00:00 AM	367200.000	58.429	16.900	134.911	1215.753	1438.254	0.728	0.978
822.535	0.999	14.813						

11/14/2016 4:15:00 AM	368100.000	58.425	16.900	134.901	1216.138	1438.735	0.728	0.978
822.275	0.999	14.809						
11/14/2016 4:30:00 AM	369000.000	58.424	16.902	134.898	1217.099	1439.788	0.729	0.979
821.626	0.999	14.813						
11/14/2016 4:45:00 AM	369900.000	58.440	16.901	134.937	1216.407	1439.024	0.728	0.979
822.094	0.999	14.810						
11/14/2016 5:00:00 AM	370800.000	58.443	16.901	134.944	1216.222	1438.776	0.728	0.978
822.219	0.999	14.811						
11/14/2016 5:15:00 AM	371700.000	58.432	16.901	134.918	1215.632	1438.102	0.728	0.978
822.617	0.999	14.810						
11/14/2016 5:30:00 AM	372600.000	58.432	16.901	134.918	1215.200	1437.574	0.728	0.978
822.910	0.999	14.808						
11/14/2016 5:45:00 AM	373500.000	58.434	16.901	134.923	1215.522	1437.971	0.728	0.978
822.692	0.999	14.812						
11/14/2016 6:00:00 AM	374400.000	58.438	16.900	134.932	1214.331	1436.577	0.727	0.977
823.499	0.999	14.808						
11/14/2016 6:15:00 AM	375300.000	58.455	16.902	134.972	1213.988	1436.126	0.727	0.977
823.731	0.999	14.811						
11/14/2016 6:30:00 AM	376200.000	58.443	16.904	134.944	1212.582	1434.393	0.726	0.975
824.687	0.999	14.808						
11/14/2016 6:45:00 AM	377100.000	58.447	16.902	134.953	1213.014	1434.951	0.726	0.976
824.393	0.999	14.808						
11/14/2016 7:00:00 AM	378000.000	58.460	16.900	134.982	1213.135	1435.179	0.726	0.976
824.310	0.999	14.815						
11/14/2016 7:15:00 AM	378900.000	58.438	16.901	134.931	1212.937	1434.919	0.726	0.976
824.445	0.999	14.821						
11/14/2016 7:30:00 AM	379800.000	58.464	16.902	134.993	1212.391	1434.234	0.726	0.975
824.816	0.999	14.814						
11/14/2016 7:45:00 AM	380700.000	58.447	16.900	134.952	1212.010	1433.840	0.726	0.975
825.076	0.999	14.822						
11/14/2016 8:00:00 AM	381600.000	58.458	16.902	134.978	1212.707	1434.593	0.726	0.976
824.601	0.999	14.825						
11/14/2016 8:15:00 AM	382500.000	58.468	16.903	135.000	1212.785	1434.674	0.726	0.976
824.548	0.999	14.818						
11/14/2016 8:30:00 AM	383400.000	58.444	16.901	134.944	1211.984	1433.781	0.726	0.975
825.093	0.999	14.825						
11/14/2016 8:45:00 AM	384300.000	58.465	16.902	134.995	1212.882	1434.798	0.726	0.976
824.482	0.999	14.819						
11/14/2016 9:00:00 AM	385200.000	58.440	16.903	134.936	1213.302	1435.257	0.726	0.976
824.197	0.999	14.828						
11/14/2016 9:15:00 AM	386100.000	58.460	16.903	134.983	1210.678	1432.177	0.725	0.974
825.983	0.999	14.824						
11/14/2016 9:30:00 AM	387000.000	58.458	16.903	134.977	1210.263	1431.688	0.724	0.974
826.266	0.999	14.824						
11/14/2016 9:45:00 AM	387900.000	58.442	16.902	134.941	1210.593	1432.095	0.725	0.974
826.042	0.999	14.827						
11/14/2016 10:00:00 AM	388800.000	58.450	16.903	134.959	1210.684	1432.186	0.725	0.974
825.979	0.999	14.814						
11/14/2016 10:15:00 AM	389700.000	58.447	16.903	134.953	1210.902	1432.435	0.725	0.974
825.831	0.999	14.815						
11/14/2016 10:30:00 AM	390600.000	58.440	16.902	134.935	1210.373	1431.823	0.725	0.974
826.192	0.999	14.818						
11/14/2016 10:45:00 AM	391500.000	58.441	16.902	134.937	1211.654	1433.342	0.725	0.975
825.318	0.999	14.820						
11/14/2016 11:00:00 AM	392400.000	58.443	16.902	134.942	1211.874	1433.616	0.725	0.975
825.168	0.999	14.812						
11/14/2016 11:15:00 AM	393300.000	58.441	16.904	134.938	1211.775	1433.440	0.725	0.975
825.235	0.999	14.813						
11/14/2016 11:30:00 AM	394200.000	58.458	16.903	134.977	1210.011	1431.365	0.724	0.973
826.439	0.999	14.809						
11/14/2016 11:45:00 AM	395100.000	58.441	16.903	134.938	1210.887	1432.426	0.725	0.974
825.841	0.999	14.805						
11/14/2016 12:00:00 PM	396000.000	58.452	16.902	134.964	1210.457	1431.951	0.725	0.974
826.134	0.999	14.804						
11/14/2016 12:15:00 PM	396900.000	58.432	16.901	134.918	1210.652	1432.196	0.725	0.974
826.001	0.999	14.803						
11/14/2016 12:30:00 PM	397800.000	58.439	16.904	134.935	1213.178	1435.102	0.726	0.976
824.281	0.999	14.798						
11/14/2016 12:45:00 PM	398700.000	58.437	16.904	134.929	1212.862	1434.705	0.726	0.976
824.496	0.999	14.798						
11/14/2016 1:00:00 PM	399600.000	58.439	16.904	134.934	1213.633	1435.626	0.727	0.976
823.972	0.999	14.796						
11/14/2016 1:15:00 PM	400500.000	58.450	16.903	134.960	1210.710	1432.219	0.725	0.974
825.962	0.999	14.799						
11/14/2016 1:30:00 PM	401400.000	58.444	16.905	134.945	1214.463	1436.584	0.727	0.977
823.410	0.999	14.797						
11/14/2016 1:45:00 PM	402300.000	58.448	16.903	134.955	1213.054	1434.984	0.726	0.976
824.366	0.999	14.796						
11/14/2016 2:00:00 PM	403200.000	58.449	16.904	134.958	1211.649	1433.288	0.725	0.975
825.321	0.999	14.788						
11/14/2016 2:15:00 PM	404100.000	58.444	16.902	134.945	1213.916	1436.018	0.727	0.976
823.780	0.999	14.793						
11/14/2016 2:30:00 PM	405000.000	58.449	16.903	134.958	1211.981	1433.703	0.726	0.975
825.096	0.999	14.790						
11/14/2016 2:45:00 PM	405900.000	58.429	16.905	134.911	1207.763	1428.668	0.723	0.971
827.977	0.999	14.795						
11/14/2016 3:00:00 PM	406800.000	58.445	16.903	134.947	1210.193	1431.580	0.724	0.973
826.314	0.999	14.794						
11/14/2016 3:15:00 PM	407700.000	58.422	16.904	134.895	1211.795	1433.457	0.725	0.975
825.222	0.999	14.796						
11/14/2016 3:30:00 PM	408600.000	58.429	16.904	134.912	1210.804	1432.283	0.725	0.974
825.897	0.999	14.795						
11/14/2016 3:45:00 PM	409500.000	58.424	16.902	134.900	1206.804	1427.604	0.722	0.971
828.635	0.999	14.797						
11/14/2016 4:00:00 PM	410400.000	58.424	16.904	134.900	1210.182	1431.557	0.724	0.973
826.322	0.999	14.794						
11/14/2016 4:15:00 PM	411300.000	58.419	16.903	134.888	1210.773	1432.269	0.725	0.974
825.919	0.999	14.799						
11/14/2016 4:30:00 PM	412200.000	58.429	16.903	134.912	1210.494	1431.947	0.725	0.974
826.109	0.999	14.801						
11/14/2016 4:45:00 PM	413100.000	58.426	16.904	134.904	1210.416	1431.812	0.725	0.974
826.162	0.999	14.800						
11/14/2016 5:00:00 PM	414000.000	58.429	16.902	134.912	1211.583	1433.256	0.725	0.975
825.366	0.999	14.796						
11/14/2016 5:15:00 PM	414900.000	58.408	16.904	134.862	1211.074	1432.590	0.725	0.974
825.714	0.999	14.799						
11/14/2016 5:30:00 PM	415800.000	58.420	16.905	134.891	1210.840	1432.308	0.725	0.974
825.873	0.999	14.796						
11/14/2016 5:45:00 PM	416700.000	58.410	16.904	134.866	1210.240	1431.629	0.724	0.974
826.283	0.999	14.795						
11/14/2016 6:00:00 PM	417600.000	58.405	16.902	134.854	1211.179	1432.805	0.725	0.974
825.642	0.999	14.800						
11/14/2016 6:15:00 PM	418500.000	58.403	16.903	134.850	1211.309	1432.919	0.725	0.974
825.553	0.999	14.806						
11/14/2016 6:30:00 PM	419400.000	58.416	16.902	134.880	1214.351	1436.549	0.727	0.977
823.485	0.999	14.802						
11/14/2016 6:45:00 PM	420300.000	58.412	16.902	134.872	1213.609	1435.674	0.727	0.976
823.989	0.999	14.805						
11/14/2016 7:00:00 PM	421200.000	58.404	16.902	134.854	1213.285	1435.286	0.726	0.976
824.208	0.999	14.797						
11/14/2016 7:15:00 PM	422100.000	58.417	16.903	134.882	1214.372	1436.523	0.727	0.977
823.471	0.999	14.798						
11/14/2016 7:30:00 PM	423000.000	58.391	16.905	134.824	1212.228	1433.945	0.726	0.975
824.927	0.999	14.803						
11/14/2016 7:45:00 PM	423900.000	58.390	16.902	134.821	1212.665	1434.541	0.726	0.975
824.630	0.999	14.802						
11/14/2016 8:00:00 PM	424800.000	58.396	16.901	134.834	1211.857	1433.613	0.725	0.975
825.180	0.999	14.800						
11/14/2016 8:15:00 PM	425700.000	58.413	16.903	134.874	1211.981	1433.718	0.726	0.975
825.095	0.999	14.797						
11/14/2016 8:30:00 PM	426600.000	58.408	16.905	134.863	1211.196	1432.718	0.725	0.974
825.630	0.999	14.797						
11/14/2016 8:45:00 PM	427500.000	58.401	16.902	134.847	1212.054	1433.827	0.726	0.975

825.046	0.999	14.802						
11/14/2016 9:00:00 PM	428400.000	58.393	16.901	134.828	1211.703	1433.454	0.725	0.975
825.285	0.999	14.798						
11/14/2016 9:15:00 PM	429300.000	58.382	16.902	134.803	1212.403	1434.248	0.726	0.975
824.809	0.999	14.806						
11/14/2016 9:30:00 PM	430200.000	58.386	16.903	134.810	1213.275	1435.243	0.726	0.976
824.215	0.999	14.800						
11/14/2016 9:45:00 PM	431100.000	58.402	16.902	134.848	1214.230	1436.392	0.727	0.977
823.567	0.999	14.798						
11/14/2016 10:00:00 PM	432000.000	58.380	16.902	134.799	1211.697	1433.393	0.725	0.975
825.289	0.999	14.803						
11/14/2016 10:15:00 PM	432900.000	58.382	16.902	134.803	1212.690	1434.570	0.726	0.976
824.613	0.999	14.801						
11/14/2016 10:30:00 PM	433800.000	58.398	16.902	134.838	1212.499	1434.344	0.726	0.975
824.743	0.999	14.799						
11/14/2016 10:45:00 PM	434700.000	58.380	16.901	134.799	1211.188	1432.825	0.725	0.974
825.635	0.999	14.800						
11/14/2016 11:00:00 PM	435600.000	58.385	16.900	134.809	1212.478	1434.402	0.726	0.975
824.757	0.999	14.795						
11/14/2016 11:15:00 PM	436500.000	58.377	16.902	134.790	1214.440	1436.664	0.727	0.977
823.424	0.999	14.802						
11/14/2016 11:30:00 PM	437400.000	58.389	16.901	134.819	1213.568	1435.648	0.727	0.976
824.017	0.999	14.805						
11/14/2016 11:45:00 PM	438300.000	58.386	16.902	134.811	1214.047	1436.198	0.727	0.977
823.691	0.999	14.799						
11/15/2016 12:00:00 AM	439200.000	58.393	16.900	134.829	1213.590	1435.698	0.727	0.976
824.002	0.999	14.801						
11/15/2016 12:15:00 AM	440100.000	58.382	16.900	134.801	1213.951	1436.141	0.727	0.977
823.756	0.999	14.800						
11/15/2016 12:30:00 AM	441000.000	58.393	16.901	134.828	1213.323	1435.373	0.726	0.976
824.183	0.999	14.801						
11/15/2016 12:45:00 AM	441900.000	58.381	16.900	134.801	1212.660	1434.598	0.726	0.976
824.633	0.999	14.799						
11/15/2016 1:00:00 AM	442800.000	58.391	16.900	134.823	1213.490	1435.588	0.727	0.976
824.070	0.999	14.797						
11/15/2016 1:15:00 AM	443700.000	58.386	16.900	134.812	1213.949	1436.137	0.727	0.977
823.758	0.999	14.802						
11/15/2016 1:30:00 AM	444600.000	58.382	16.901	134.801	1214.347	1436.576	0.727	0.977
823.488	0.999	14.806						
11/15/2016 1:45:00 AM	445500.000	58.389	16.901	134.819	1214.450	1436.704	0.727	0.977
823.418	0.999	14.802						
11/15/2016 2:00:00 AM	446400.000	58.394	16.901	134.830	1212.771	1434.705	0.726	0.976
824.558	0.999	14.804						
11/15/2016 2:15:00 AM	447300.000	58.412	16.901	134.870	1211.221	1432.878	0.725	0.974
825.613	0.999	14.796						
11/15/2016 2:30:00 AM	448200.000	58.411	16.902	134.869	1211.719	1433.419	0.725	0.975
825.274	0.999	14.801						
11/15/2016 2:45:00 AM	449100.000	58.403	16.901	134.850	1211.593	1433.312	0.725	0.975
825.360	0.999	14.807						
11/15/2016 3:00:00 AM	450000.000	58.393	16.900	134.828	1212.027	1433.871	0.726	0.975
825.064	0.999	14.804						
11/15/2016 3:15:00 AM	450900.000	58.391	16.902	134.823	1212.838	1434.757	0.726	0.976
824.512	0.999	14.802						
11/15/2016 3:30:00 AM	451800.000	58.392	16.902	134.825	1212.389	1434.217	0.726	0.975
824.818	0.999	14.807						
11/15/2016 3:45:00 AM	452700.000	58.421	16.901	134.893	1212.394	1434.254	0.726	0.975
824.814	0.999	14.795						
11/15/2016 4:00:00 AM	453600.000	58.419	16.902	134.887	1211.801	1433.533	0.725	0.975
825.218	0.999	14.797						
11/15/2016 4:15:00 AM	454500.000	58.404	16.901	134.853	1212.366	1434.238	0.726	0.975
824.833	0.999	14.799						
11/15/2016 4:30:00 AM	455400.000	58.403	16.902	134.850	1212.283	1434.109	0.726	0.975
824.890	0.999	14.798						
11/15/2016 4:45:00 AM	456300.000	58.405	16.901	134.855	1212.878	1434.819	0.726	0.976
824.485	0.999	14.799						
11/15/2016 5:00:00 AM	457200.000	58.405	16.901	134.854	1211.927	1433.694	0.726	0.975
825.132	0.999	14.801						
11/15/2016 5:15:00 AM	458100.000	58.408	16.901	134.861	1213.017	1434.994	0.726	0.976
824.391	0.999	14.795						
11/15/2016 5:30:00 AM	459000.000	58.408	16.901	134.863	1213.008	1434.974	0.726	0.976
824.397	0.999	14.799						
11/15/2016 5:45:00 AM	459900.000	58.423	16.903	134.896	1211.917	1433.616	0.725	0.975
825.139	0.999	14.801						
11/15/2016 6:00:00 AM	460800.000	58.416	16.902	134.880	1212.292	1434.122	0.726	0.975
824.884	0.999	14.795						
11/15/2016 6:15:00 AM	461700.000	58.429	16.901	134.911	1214.003	1436.158	0.727	0.977
823.721	0.999	14.800						
11/15/2016 6:30:00 AM	462600.000	58.431	16.903	134.916	1213.873	1435.953	0.727	0.976
823.809	0.999	14.800						
11/15/2016 6:45:00 AM	463500.000	58.433	16.900	134.920	1213.458	1435.545	0.727	0.976
824.091	0.999	14.800						
11/15/2016 7:00:00 AM	464400.000	58.420	16.901	134.891	1213.385	1435.444	0.726	0.976
824.141	0.999	14.798						
11/15/2016 7:15:00 AM	465300.000	58.442	16.904	134.942	1211.991	1433.695	0.726	0.975
825.088	0.999	14.795						
11/15/2016 7:30:00 AM	466200.000	58.440	16.901	134.936	1212.025	1433.809	0.726	0.975
825.066	0.999	14.798						
11/15/2016 7:45:00 AM	467100.000	58.426	16.900	134.903	1212.338	1434.241	0.726	0.975
824.853	0.999	14.793						
11/15/2016 8:00:00 AM	468000.000	58.442	16.902	134.942	1213.098	1435.064	0.726	0.976
824.336	0.999	14.792						
11/15/2016 8:15:00 AM	468900.000	58.440	16.901	134.936	1212.687	1434.617	0.726	0.976
824.615	0.999	14.796						
11/15/2016 8:30:00 AM	469800.000	58.432	16.901	134.917	1212.263	1434.094	0.726	0.975
824.903	0.999	14.789						
11/15/2016 8:45:00 AM	470700.000	58.434	16.900	134.923	1210.548	1432.118	0.725	0.974
826.072	0.999	14.801						
11/15/2016 9:00:00 AM	471600.000	58.440	16.901	134.936	1211.194	1432.828	0.725	0.974
825.632	0.999	14.797						
11/15/2016 9:15:00 AM	472500.000	58.417	16.901	134.884	1211.454	1433.159	0.725	0.975
825.454	0.999	14.800						
11/15/2016 9:30:00 AM	473400.000	58.432	16.902	134.918	1211.210	1432.831	0.725	0.974
825.621	0.999	14.798						
11/15/2016 9:45:00 AM	474300.000	58.433	16.903	134.921	1211.804	1433.500	0.725	0.975
825.216	0.999	14.799						
11/15/2016 10:00:00 AM	475200.000	58.430	16.902	134.914	1211.440	1433.103	0.725	0.975
825.464	0.999	14.802						
11/15/2016 10:15:00 AM	476100.000	58.414	16.902	134.877	1211.115	1432.718	0.725	0.974
825.685	0.999	14.801						
11/15/2016 10:30:00 AM	477000.000	58.413	16.901	134.874	1211.537	1433.249	0.725	0.975
825.398	0.999	14.797						
11/15/2016 10:45:00 AM	477900.000	58.421	16.899	134.892	1208.661	1429.897	0.724	0.972
827.362	0.999	14.802						
11/15/2016 11:00:00 AM	478800.000	58.425	16.901	134.902	1207.243	1428.164	0.723	0.971
828.333	0.999	14.796						
11/15/2016 11:15:00 AM	479700.000	58.421	16.902	134.892	1210.287	1431.739	0.725	0.974
826.250	0.999	14.793						
11/15/2016 11:30:00 AM	480600.000	58.420	16.901	134.891	1208.456	1429.590	0.723	0.972
827.502	0.999	14.790						
11/15/2016 11:45:00 AM	481500.000	58.414	16.901	134.875	1209.286	1430.572	0.724	0.973
826.934	0.999	14.787						
11/15/2016 12:00:00 PM	482400.000	58.406	16.902	134.858	1209.920	1431.293	0.724	0.973
826.501	0.999	14.787						
11/15/2016 12:15:00 PM	483300.000	58.393	16.902	134.829	1210.176	1431.602	0.724	0.973
826.326	0.999	14.782						
11/15/2016 12:30:00 PM	484200.000	58.386	16.903	134.811	1209.338	1430.594	0.724	0.973
826.898	0.999	14.778						
11/15/2016 12:45:00 PM	485100.000	58.400	16.903	134.843	1206.294	1426.995	0.722	0.970
828.985	0.999	14.775						
11/15/2016 1:00:00 PM	486000.000	58.379	16.902	134.795	1206.456	1427.216	0.722	0.971
828.874	0.999	14.773						
11/15/2016 1:15:00 PM	486900.000	58.389	16.904	134.818	1207.273	1428.108	0.723	0.971
828.313	0.999	14.768						

11/15/2016 1:30:00 PM	487800.000	58.374	16.904	134.785	1206.977	1427.770	0.722	0.971	828.516
0.999	14.766								
11/15/2016 1:45:00 PM	488700.000	58.378	16.905	134.793	1205.844	1426.388	0.722	0.970	829.294
0.999	14.768								
11/15/2016 2:00:00 PM	489600.000	58.377	16.903	134.790	1203.538	1423.718	0.720	0.968	830.884
0.999	14.771								
11/15/2016 2:15:00 PM	490500.000	58.361	16.904	134.754	1204.852	1425.230	0.721	0.969	829.978
0.999	14.762								
11/15/2016 2:30:00 PM	491400.000	58.368	16.905	134.770	1204.433	1424.718	0.721	0.969	830.266
0.999	14.764								
11/15/2016 2:45:00 PM	492300.000	58.349	16.904	134.725	1205.578	1426.086	0.722	0.970	829.478
0.999	14.764								
11/15/2016 3:00:00 PM	493200.000	58.361	16.904	134.753	1203.671	1423.845	0.720	0.968	830.792
0.999	14.766								
11/15/2016 3:15:00 PM	494100.000	58.360	16.904	134.750	1201.339	1421.089	0.719	0.966	832.404
0.999	14.759								
11/15/2016 3:30:00 PM	495000.000	58.352	16.905	134.732	1200.004	1419.482	0.718	0.965	833.330
0.999	14.762								
11/15/2016 3:45:00 PM	495900.000	58.338	16.904	134.700	1203.670	1423.832	0.720	0.968	830.793
0.999	14.763								
11/15/2016 4:00:00 PM	496800.000	58.351	16.905	134.732	1203.315	1423.379	0.720	0.968	831.037
0.999	14.765								
11/15/2016 4:15:00 PM	497700.000	58.347	16.904	134.722	1204.600	1424.958	0.721	0.969	830.151
0.999	14.767								
11/15/2016 4:30:00 PM	498600.000	58.345	16.904	134.718	1205.374	1425.859	0.721	0.970	829.618
0.999	14.767								
11/15/2016 4:45:00 PM	499500.000	58.335	16.905	134.693	1207.284	1428.079	0.723	0.971	828.305
0.999	14.765								
11/15/2016 5:00:00 PM	500400.000	58.355	16.904	134.740	1204.970	1425.389	0.721	0.969	829.896
0.999	14.760								
11/15/2016 5:15:00 PM	501300.000	58.350	16.903	134.727	1205.787	1426.368	0.722	0.970	829.334
0.999	14.769								
11/15/2016 5:30:00 PM	502200.000	58.331	16.903	134.685	1205.836	1426.442	0.722	0.970	829.300
0.999	14.768								
11/15/2016 5:45:00 PM	503100.000	58.335	16.903	134.694	1205.221	1425.715	0.721	0.969	829.723
0.999	14.766								
11/15/2016 6:00:00 PM	504000.000	58.351	16.904	134.732	1205.264	1425.743	0.721	0.970	829.694
0.999	14.764								
11/15/2016 6:15:00 PM	504900.000	58.331	16.901	134.684	1208.600	1429.772	0.723	0.972	827.403
0.999	14.769								
11/15/2016 6:30:00 PM	505800.000	58.334	16.902	134.690	1209.565	1430.887	0.724	0.973	826.744
0.999	14.764								
11/15/2016 6:45:00 PM	506700.000	58.325	16.902	134.672	1209.374	1430.661	0.724	0.973	826.874
0.999	14.772								
11/15/2016 7:00:00 PM	507600.000	58.348	16.903	134.724	1208.696	1429.809	0.723	0.972	827.338
0.999	14.767								
11/15/2016 7:15:00 PM	508500.000	58.335	16.901	134.693	1207.122	1428.032	0.723	0.971	828.416
0.999	14.771								
11/15/2016 7:30:00 PM	509400.000	58.348	16.902	134.723	1208.820	1430.015	0.724	0.972	827.253
0.999	14.771								
11/15/2016 7:45:00 PM	510300.000	58.345	16.899	134.717	1210.248	1431.790	0.725	0.974	826.277
0.999	14.768								
11/15/2016 8:00:00 PM	511200.000	58.344	16.902	134.714	1211.474	1433.149	0.725	0.975	825.441
0.999	14.766								
11/15/2016 8:15:00 PM	512100.000	58.340	16.901	134.705	1210.474	1431.977	0.725	0.974	826.122
0.999	14.775								
11/15/2016 8:30:00 PM	513000.000	58.327	16.900	134.674	1208.348	1429.517	0.723	0.972	827.576
0.999	14.774								
11/15/2016 8:45:00 PM	513900.000	58.326	16.901	134.672	1211.696	1433.451	0.725	0.975	825.289
0.999	14.779								
11/15/2016 9:00:00 PM	514800.000	58.350	16.900	134.728	1211.318	1433.012	0.725	0.974	825.547
0.999	14.770								
11/15/2016 9:15:00 PM	515700.000	58.324	16.900	134.668	1211.864	1433.673	0.726	0.975	825.175
0.999	14.782								
11/15/2016 9:30:00 PM	516600.000	58.329	16.901	134.681	1213.359	1435.418	0.726	0.976	824.159
0.999	14.775								
11/15/2016 9:45:00 PM	517500.000	58.340	16.900	134.705	1213.052	1435.078	0.726	0.976	824.367
0.999	14.781								
11/15/2016 10:00:00 PM	518400.000	58.344	16.902	134.713	1213.332	1435.341	0.726	0.976	824.177
0.999	14.780								
11/15/2016 10:15:00 PM	519300.000	58.324	16.899	134.668	1212.462	1434.400	0.726	0.975	824.768
0.999	14.783								
11/15/2016 10:30:00 PM	520200.000	58.344	16.900	134.715	1213.578	1435.706	0.727	0.976	824.010
0.999	14.782								
11/15/2016 10:45:00 PM	521100.000	58.341	16.901	134.707	1214.009	1436.165	0.727	0.977	823.717
0.999	14.786								
11/15/2016 11:00:00 PM	522000.000	58.331	16.901	134.684	1213.251	1435.282	0.726	0.976	824.232
0.999	14.780								
11/15/2016 11:15:00 PM	522900.000	58.339	16.901	134.703	1212.729	1434.657	0.726	0.976	824.586
0.999	14.788								
11/15/2016 11:30:00 PM	523800.000	58.349	16.900	134.725	1211.579	1433.341	0.725	0.975	825.369
0.999	14.778								
11/15/2016 11:45:00 PM	524700.000	58.323	16.899	134.665	1211.542	1433.308	0.725	0.975	825.395
0.999	14.783								
11/16/2016 12:00:00 AM	525600.000	58.330	16.900	134.683	1211.075	1432.723	0.725	0.974	825.712
0.999	14.777								
11/16/2016 12:15:00 AM	526500.000	58.327	16.900	134.675	1212.593	1434.523	0.726	0.975	824.679
0.999	14.780								
11/16/2016 12:30:00 AM	527400.000	58.327	16.900	134.676	1213.604	1435.714	0.727	0.976	823.992
0.999	14.778								
11/16/2016 12:45:00 AM	528300.000	58.331	16.899	134.685	1213.290	1435.371	0.726	0.976	824.205
0.999	14.780								
11/16/2016 1:00:00 AM	529200.000	58.328	16.900	134.678	1212.970	1434.964	0.726	0.976	824.423
0.999	14.780								
11/16/2016 1:15:00 AM	530100.000	58.333	16.900	134.690	1212.981	1434.989	0.726	0.976	824.415
0.999	14.779								
11/16/2016 1:30:00 AM	531000.000	58.336	16.903	134.696	1211.130	1432.714	0.725	0.974	825.675
0.999	14.775								
11/16/2016 1:45:00 AM	531900.000	58.337	16.901	134.699	1210.367	1431.857	0.725	0.974	826.195
0.999	14.772								
11/16/2016 2:00:00 AM	532800.000	58.349	16.900	134.725	1209.603	1430.981	0.724	0.973	826.718
0.999	14.779								
11/16/2016 2:15:00 AM	533700.000	58.351	16.901	134.732	1211.280	1432.928	0.725	0.974	825.573
0.999	14.779								
11/16/2016 2:30:00 AM	534600.000	58.356	16.900	134.743	1209.618	1431.016	0.724	0.973	826.707
0.999	14.777								
11/16/2016 2:45:00 AM	535500.000	58.359	16.902	134.749	1209.784	1431.152	0.724	0.973	826.594
0.999	14.774								
11/16/2016 3:00:00 AM	536400.000	58.361	16.900	134.754	1211.402	1433.109	0.725	0.975	825.490
0.999	14.771								
11/16/2016 3:15:00 AM	537300.000	58.343	16.900	134.713	1211.472	1433.194	0.725	0.975	825.442
0.999	14.775								
11/16/2016 3:30:00 AM	538200.000	58.342	16.901	134.709	1210.978	1432.584	0.725	0.974	825.779
0.999	14.777								
11/16/2016 3:45:00 AM	539100.000	58.363	16.903	134.759	1211.073	1432.624	0.725	0.974	825.714
0.999	14.772								
11/16/2016 4:00:00 AM	540000.000	58.361	16.901	134.754	1211.197	1432.833	0.725	0.974	825.629
0.999	14.774								
11/16/2016 4:15:00 AM	540900.000	58.352	16.900	134.733	1211.590	1433.341	0.725	0.975	825.362
0.999	14.769								
11/16/2016 4:30:00 AM	541800.000	58.365	16.900	134.763	1211.519	1433.273	0.725	0.975	825.410
0.999	14.776								
11/16/2016 4:45:00 AM	542700.000	58.350	16.900	134.729	1211.108	1432.784	0.725	0.974	825.690
0.999	14.777								
11/16/2016 5:00:00 AM	543600.000	58.359	16.901	134.748	1211.472	1433.161	0.725	0.975	825.442
0.999	14.774								
11/16/2016 5:15:00 AM	544500.000	58.369	16.899	134.771	1212.246	1434.159	0.726	0.975	824.915
0.999	14.768								
11/16/2016 5:30:00 AM	545400.000	58.380	16.900	134.797	1213.112	1435.137	0.726	0.976	824.326
0.999	14.774								
11/16/2016 5:45:00 AM	546300.000	58.373	16.901	134.782	1212.140	1433.947	0.726	0.975	824.988
0.999	14.770								
11/16/2016 6:00:00 AM	547200.000	58.375	16.899	134.786	1210.253	1431.792	0.725	0.974	

826.274	0.999	14.765						
11/16/2016 6:15:00 AM	548100.000	58.389	16.900	134.819	1210.214	1431.709	0.724	0.974
826.300	0.999	14.767						
11/16/2016 6:30:00 AM	549000.000	58.364	16.900	134.760	1211.280	1432.984	0.725	0.974
825.573	0.999	14.779						
11/16/2016 6:45:00 AM	549900.000	58.388	16.901	134.817	1212.109	1433.940	0.726	0.975
825.008	0.999	14.778						
11/16/2016 7:00:00 AM	550800.000	58.398	16.899	134.839	1211.589	1433.381	0.725	0.975
825.362	0.999	14.771						
11/16/2016 7:15:00 AM	551700.000	58.393	16.900	134.828	1212.581	1434.515	0.726	0.975
824.687	0.999	14.778						
11/16/2016 7:30:00 AM	552600.000	58.376	16.902	134.788	1212.283	1434.106	0.726	0.975
824.890	0.999	14.784						
11/16/2016 7:45:00 AM	553500.000	58.380	16.901	134.798	1211.967	1433.746	0.726	0.975
825.105	0.999	14.782						
11/16/2016 8:00:00 AM	554400.000	58.400	16.899	134.844	1209.814	1431.290	0.724	0.973
826.573	0.999	14.786						
11/16/2016 8:15:00 AM	555300.000	58.381	16.899	134.801	1210.401	1431.959	0.725	0.974
826.172	0.999	14.790						
11/16/2016 8:30:00 AM	556200.000	58.383	16.900	134.804	1211.754	1433.539	0.725	0.975
825.250	0.999	14.788						
11/16/2016 8:45:00 AM	557100.000	58.386	16.899	134.812	1212.577	1434.531	0.726	0.975
824.690	0.999	14.787						
11/16/2016 9:00:00 AM	558000.000	58.410	16.900	134.867	1211.794	1433.582	0.725	0.975
825.223	0.999	14.786						
11/16/2016 9:15:00 AM	558900.000	58.398	16.901	134.839	1212.307	1434.158	0.726	0.975
824.873	0.999	14.781						
11/16/2016 9:30:00 AM	559800.000	58.408	16.900	134.861	1211.769	1433.555	0.725	0.975
825.240	0.999	14.790						
11/16/2016 9:45:00 AM	560700.000	58.394	16.900	134.829	1211.296	1432.989	0.725	0.974
825.562	0.999	14.786						
11/16/2016 10:00:00 AM	561600.000	58.395	16.900	134.832	1209.560	1430.950	0.724	0.973
826.747	0.999	14.789						
11/16/2016 10:15:00 AM	562500.000	58.417	16.900	134.883	1211.743	1433.529	0.725	0.975
825.258	0.999	14.784						
11/16/2016 10:30:00 AM	563400.000	58.394	16.899	134.830	1211.971	1433.836	0.726	0.975
825.102	0.999	14.785						
11/16/2016 10:45:00 AM	564300.000	58.397	16.901	134.838	1213.171	1435.185	0.726	0.976
824.286	0.999	14.783						
11/16/2016 11:00:00 AM	565200.000	58.419	16.899	134.887	1213.212	1435.305	0.726	0.976
824.258	0.999	14.780						
11/16/2016 11:15:00 AM	566100.000	58.389	16.898	134.818	1212.508	1434.480	0.726	0.975
824.737	0.999	14.788						
11/16/2016 11:30:00 AM	567000.000	58.396	16.899	134.835	1211.917	1433.761	0.726	0.975
825.139	0.999	14.781						
11/16/2016 11:45:00 AM	567900.000	58.415	16.898	134.879	1212.264	1434.203	0.726	0.975
824.903	0.999	14.777						
11/16/2016 12:00:00 PM	568800.000	58.417	16.900	134.882	1212.081	1433.926	0.726	0.975
825.028	0.999	14.775						
11/16/2016 12:15:00 PM	569700.000	58.405	16.897	134.856	1212.297	1434.263	0.726	0.975
824.881	0.999	14.766						
11/16/2016 12:30:00 PM	570600.000	58.396	16.899	134.835	1214.169	1436.431	0.727	0.977
823.609	0.999	14.773						
11/16/2016 12:45:00 PM	571500.000	58.401	16.899	134.845	1214.009	1436.222	0.727	0.977
823.717	0.999	14.769						
11/16/2016 1:00:00 PM	572400.000	58.417	16.900	134.884	1213.033	1435.052	0.726	0.976
824.380	0.999	14.764						
11/16/2016 1:15:00 PM	573300.000	58.413	16.897	134.875	1213.151	1435.274	0.726	0.976
824.300	0.999	14.766						
11/16/2016 1:30:00 PM	574200.000	58.402	16.897	134.849	1212.539	1434.567	0.726	0.976
824.716	0.999	14.755						
11/16/2016 1:45:00 PM	575100.000	58.399	16.900	134.842	1212.708	1434.668	0.726	0.976
824.601	0.999	14.756						
11/16/2016 2:00:00 PM	576000.000	58.399	16.898	134.842	1211.944	1433.839	0.726	0.975
825.121	0.999	14.755						
11/16/2016 2:15:00 PM	576900.000	58.395	16.901	134.831	1211.271	1432.926	0.725	0.974
825.579	0.999	14.758						
11/16/2016 2:30:00 PM	577800.000	58.394	16.900	134.830	1211.236	1432.915	0.725	0.974
825.603	0.999	14.754						
11/16/2016 2:45:00 PM	578700.000	58.399	16.899	134.841	1210.220	1431.753	0.725	0.974
826.296	0.999	14.752						
11/16/2016 3:00:00 PM	579600.000	58.409	16.900	134.865	1210.636	1432.214	0.725	0.974
826.012	0.999	14.754						
11/16/2016 3:15:00 PM	580500.000	58.412	16.898	134.871	1212.237	1434.182	0.726	0.975
824.921	0.999	14.756						
11/16/2016 3:30:00 PM	581400.000	58.392	16.900	134.826	1214.438	1436.717	0.727	0.977
823.426	0.999	14.755						
11/16/2016 3:45:00 PM	582300.000	58.390	16.899	134.821	1213.297	1435.399	0.726	0.976
824.201	0.999	14.755						
11/16/2016 4:00:00 PM	583200.000	58.392	16.900	134.826	1213.124	1435.172	0.726	0.976
824.318	0.999	14.755						
11/16/2016 4:15:00 PM	584100.000	58.387	16.898	134.814	1211.588	1433.400	0.725	0.975
825.363	0.999	14.756						
11/16/2016 4:30:00 PM	585000.000	58.390	16.898	134.821	1211.189	1432.948	0.725	0.974
825.635	0.999	14.756						
11/16/2016 4:45:00 PM	585900.000	58.385	16.899	134.809	1212.132	1434.001	0.726	0.975
824.992	0.999	14.756						
11/16/2016 5:00:00 PM	586800.000	58.388	16.898	134.815	1211.549	1433.351	0.725	0.975
825.390	0.999	14.754						
11/16/2016 5:15:00 PM	587700.000	58.406	16.899	134.857	1211.215	1432.934	0.725	0.974
825.617	0.999	14.757						
11/16/2016 5:30:00 PM	588600.000	58.383	16.898	134.804	1211.477	1433.274	0.725	0.975
825.439	0.999	14.761						
11/16/2016 5:45:00 PM	589500.000	58.390	16.899	134.821	1211.900	1433.749	0.726	0.975
825.151	0.999	14.761						
11/16/2016 6:00:00 PM	590400.000	58.393	16.900	134.827	1211.769	1433.569	0.725	0.975
825.240	0.999	14.769						
11/16/2016 6:15:00 PM	591300.000	58.391	16.899	134.824	1211.729	1433.545	0.725	0.975
825.267	0.999	14.765						
11/16/2016 6:30:00 PM	592200.000	58.378	16.899	134.793	1210.910	1432.586	0.725	0.974
825.825	0.999	14.767						
11/16/2016 6:45:00 PM	593100.000	58.375	16.898	134.787	1212.041	1433.928	0.726	0.975
825.054	0.999	14.767						
11/16/2016 7:00:00 PM	594000.000	58.374	16.899	134.784	1212.043	1433.902	0.726	0.975
825.053	0.999	14.768						
11/16/2016 7:15:00 PM	594900.000	58.393	16.899	134.828	1211.107	1432.810	0.725	0.974
825.691	0.999	14.763						
11/16/2016 7:30:00 PM	595800.000	58.384	16.899	134.806	1211.133	1432.828	0.725	0.974
825.673	0.999	14.771						
11/16/2016 7:45:00 PM	596700.000	58.372	16.898	134.780	1209.542	1430.990	0.724	0.973
826.759	0.999	14.772						
11/16/2016 8:00:00 PM	597600.000	58.369	16.899	134.772	1211.813	1433.630	0.725	0.975
825.210	0.999	14.772						
11/16/2016 8:15:00 PM	598500.000	58.371	16.898	134.776	1211.917	1433.787	0.726	0.975
825.139	0.999	14.765						
11/16/2016 8:30:00 PM	599400.000	58.383	16.899	134.805	1210.952	1432.630	0.725	0.974
825.797	0.999	14.773						
11/16/2016 8:45:00 PM	600300.000	58.389	16.899	134.820	1211.611	1433.415	0.725	0.975
825.348	0.999	14.769						
11/16/2016 9:00:00 PM	601200.000	58.371	16.898	134.777	1211.421	1433.200	0.725	0.975
825.477	0.999	14.773						
11/16/2016 9:15:00 PM	602100.000	58.373	16.899	134.782	1211.352	1433.087	0.725	0.974
825.524	0.999	14.774						
11/16/2016 9:30:00 PM	603000.000	58.379	16.899	134.796	1211.432	1433.193	0.725	0.975
825.469	0.999	14.776						
11/16/2016 9:45:00 PM	603900.000	58.366	16.897	134.765	1210.477	1432.108	0.725	0.974
826.121	0.999	14.773						
11/16/2016 10:00:00 PM	604800.000	58.362	16.898	134.757	1210.179	1431.725	0.724	0.974
826.324	0.999	14.778						
11/16/2016 10:15:00 PM	605700.000	58.362	16.898	134.756	1211.184	1432.922	0.725	0.974
825.639	0.999	14.778						
11/16/2016 10:30:00 PM	606600.000	58.379	16.899	134.795	1211.164	1432.884	0.725	0.974
825.652	0.999	14.775						

11/16/2016 10:45:00 PM	607500.000	58.361	16.899	134.753	1211.201	1432.900	0.725	0.974
825.627	0.999	14.774						
11/16/2016 11:00:00 PM	608400.000	58.362	16.899	134.757	1212.264	1434.186	0.726	0.975
824.903	0.999	14.772						
11/16/2016 11:15:00 PM	609300.000	58.382	16.901	134.802	1212.025	1433.835	0.726	0.975
825.065	0.999	14.773						
11/16/2016 11:30:00 PM	610200.000	58.365	16.899	134.762	1212.366	1434.281	0.726	0.975
824.833	0.999	14.773						
11/16/2016 11:45:00 PM	611100.000	58.365	16.900	134.764	1212.370	1434.276	0.726	0.975
824.831	0.999	14.774						

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	Time modified from DST (-01:00)
11/9/2016	23:00:00	0	33.292	16	2068.5	*
11/9/2016	23:15:00	0	33.314	16	2068.5	*
11/9/2016	23:30:00	0	33.356	16	2068.5	*
11/9/2016	23:45:00	0	33.314	16	2068.5	*
11/10/2016	0:00:00	0	33.373	16	2068.5	*
11/10/2016	0:15:00	0	33.27	16	2068.5	*
11/10/2016	0:30:00	0	33.267	16	2068.5	*
11/10/2016	0:45:00	0	33.29	16	2068.5	*
11/10/2016	1:00:00	0	33.31	16	2068.5	*
11/10/2016	1:15:00	0	33.293	16	2068.5	*
11/10/2016	1:30:00	0	33.316	16	2068.5	*
11/10/2016	1:45:00	0	33.32	16	2068.5	*
11/10/2016	2:00:00	0	33.324	16	2068.5	*
11/10/2016	2:15:00	0	33.326	16	2068.5	*
11/10/2016	2:30:00	0	33.349	16	2068.5	*
11/10/2016	2:45:00	0	33.309	16	2068.5	*
11/10/2016	3:00:00	0	33.304	16	2068.5	*
11/10/2016	3:15:00	0	33.319	16	2068.5	*
11/10/2016	3:30:00	0	33.325	16	2068.5	*
11/10/2016	3:45:00	0	33.308	16	2068.5	*
11/10/2016	4:00:00	0	33.303	16	2068.5	*
11/10/2016	4:15:00	0	33.323	16	2068.5	*
11/10/2016	4:30:00	0	33.346	16	2068.5	*
11/10/2016	4:45:00	0	33.306	16	2068.5	*
11/10/2016	5:00:00	0	33.363	16	2068.5	*
11/10/2016	5:15:00	0	33.328	16	2068.5	*
11/10/2016	5:30:00	0	33.366	16	2068.5	*
11/10/2016	5:45:00	0	33.282	16	2068.5	*
11/10/2016	6:00:00	0	33.288	16	2068.5	*
11/10/2016	6:15:00	0	33.317	16	2068.5	*

11/10/2016	6:30:00	0	33.3	16	2068.5	*
11/10/2016	6:45:00	0	33.298	16	2068.5	*
11/10/2016	7:00:00	0	33.296	16	2068.5	*
11/10/2016	7:15:00	0	33.337	16	2068.5	*
11/10/2016	7:30:00	0	33.309	16	2068.5	*
11/10/2016	7:45:00	0	33.306	16	2068.5	*
11/10/2016	8:00:00	0	33.306	16	2068.5	*
11/10/2016	8:15:00	0	33.288	16	2068.5	*
11/10/2016	8:30:00	0	33.273	16	2068.5	*
11/10/2016	8:45:00	0	33.349	16	2068.5	*
11/10/2016	9:00:00	0	33.292	16	2068.5	*
11/10/2016	9:15:00	0	33.337	16	2068.5	*
11/10/2016	9:30:00	0	33.284	16	2068.5	*
11/10/2016	9:45:00	0	33.288	16	2068.5	*
11/10/2016	10:00:00	0	33.231	16	2068.5	*
11/10/2016	10:15:00	0	33.255	16	2068.5	*
11/10/2016	10:30:00	0	33.299	16	2068.5	*
11/10/2016	10:45:00	0	33.341	16	2068.5	*
11/10/2016	11:00:00	0	33.316	16	2068.5	*
11/10/2016	11:15:00	0	33.303	16	2068.5	*
11/10/2016	11:30:00	0	33.33	16	2068.5	*
11/10/2016	11:45:00	0	33.318	16	2068.5	*
11/10/2016	12:00:00	0	33.312	16	2068.5	*
11/10/2016	12:15:00	0	33.292	16	2068.5	*
11/10/2016	12:30:00	0	33.32	16	2068.5	*
11/10/2016	12:45:00	0	33.32	16	2068.5	*
11/10/2016	13:00:00	0	33.322	16	2068.5	*
11/10/2016	13:15:00	0	33.299	16	2068.5	*
11/10/2016	13:30:00	0	33.332	16	2068.5	*
11/10/2016	13:45:00	0	33.348	16	2068.5	*
11/10/2016	14:00:00	0	33.308	16	2068.5	*
11/10/2016	14:15:00	0	33.284	16	2068.5	*
11/10/2016	14:30:00	0	33.281	16	2068.5	*
11/10/2016	14:45:00	0	33.239	16	2068.5	*
11/10/2016	15:00:00	0	33.313	16	2070.9	*
11/10/2016	15:15:00	0	33.291	16	2068.5	*
11/10/2016	15:30:00	0	33.287	16	2068.5	*
11/10/2016	15:45:00	0	33.266	16	2067.4	*
11/10/2016	16:00:00	0	33.303	16	2067.4	
11/10/2016	16:15:00	0	33.244	16	2067.4	
11/10/2016	16:30:00	0	33.284	16	2068.5	
11/10/2016	16:45:00	0	33.284	16	2068.5	
11/10/2016	17:00:00	0	33.244	16	2068.5	
11/10/2016	17:15:00	0	33.302	16	2068.5	
11/10/2016	17:30:00	0	33.263	16	2067.4	
11/10/2016	17:45:00	0	33.322	16	2068.5	
11/10/2016	18:00:00	0	33.283	16	2068.5	

11/10/2016	18:15:00	0	33.32	16	2067.4
11/10/2016	18:30:00	0	33.302	16	2067.4
11/10/2016	18:45:00	0	33.321	16	2068.5
11/10/2016	19:00:00	0	33.325	16	2068.5
11/10/2016	19:15:00	0	33.368	16	2067.4
11/10/2016	19:30:00	0	33.328	16	2068.5
11/10/2016	19:45:00	0	33.345	16	2068.5
11/10/2016	20:00:00	0	33.284	16	2068.5
11/10/2016	20:15:00	0	33.281	16	2068.5
11/10/2016	20:30:00	0	33.295	16	2067.4
11/10/2016	20:45:00	0	33.354	16	2068.5
11/10/2016	21:00:00	0	33.313	16	2068.5
11/10/2016	21:15:00	0	33.313	16	2068.5
11/10/2016	21:30:00	0	33.307	16	2068.5
11/10/2016	21:45:00	0	33.307	16	2068.5
11/10/2016	22:00:00	0	33.284	16	2068.5
11/10/2016	22:15:00	0	33.305	16	2068.5
11/10/2016	22:30:00	0	33.305	16	2068.5
11/10/2016	22:45:00	0	33.33	16	2067.4
11/10/2016	23:00:00	0	33.273	16	2068.5
11/10/2016	23:15:00	0	33.294	16	2068.5
11/10/2016	23:30:00	0	33.255	16	2068.5
11/10/2016	23:45:00	0	33.228	16	2068.5
11/11/2016	0:00:00	0	33.299	16	2068.5
11/11/2016	0:15:00	0	33.335	16	2067.4
11/11/2016	0:30:00	0	33.336	16	2068.5
11/11/2016	0:45:00	0	33.297	16	2068.5
11/11/2016	1:00:00	0	33.337	16	2068.5
11/11/2016	1:15:00	0	33.277	16	2067.4
11/11/2016	1:30:00	0	33.313	16	2068.5
11/11/2016	1:45:00	0	33.257	16	2068.5
11/11/2016	2:00:00	0	33.317	16	2068.5
11/11/2016	2:15:00	0	33.322	16	2068.5
11/11/2016	2:30:00	0	33.307	16	2068.5
11/11/2016	2:45:00	0	33.291	16	2067.4
11/11/2016	3:00:00	0	33.313	16	2067.4
11/11/2016	3:15:00	0	33.318	16	2068.5
11/11/2016	3:30:00	0	33.302	16	2068.5
11/11/2016	3:45:00	0	33.346	16	2068.5
11/11/2016	4:00:00	0	33.245	16	2068.5
11/11/2016	4:15:00	0	33.286	16	2068.5
11/11/2016	4:30:00	0	33.328	16	2068.5
11/11/2016	4:45:00	0	33.304	16	2068.5
11/11/2016	5:00:00	0	33.31	16	2068.5
11/11/2016	5:15:00	0	33.287	16	2068.5
11/11/2016	5:30:00	0	33.266	16	2068.5
11/11/2016	5:45:00	0	33.306	16	2068.5

11/11/2016	6:00:00	0	33.243	16	2068.5
11/11/2016	6:15:00	0	33.318	16	2068.5
11/11/2016	6:30:00	0	33.313	16	2068.5
11/11/2016	6:45:00	0	33.351	16	2068.5
11/11/2016	7:00:00	0	33.33	16	2068.5
11/11/2016	7:15:00	0	33.287	16	2068.5
11/11/2016	7:30:00	0	33.339	16	2068.5
11/11/2016	7:45:00	0	33.317	16	2068.5
11/11/2016	8:00:00	0	33.354	16	2068.5
11/11/2016	8:15:00	0	33.291	16	2068.5
11/11/2016	8:30:00	0	33.287	16	2068.5
11/11/2016	8:45:00	0	33.362	16	2068.5
11/11/2016	9:00:00	0	33.323	16	2068.5
11/11/2016	9:15:00	0	33.298	16	2068.5
11/11/2016	9:30:00	0	33.316	16	2068.5
11/11/2016	9:45:00	0	33.279	16	2070.9
11/11/2016	10:00:00	0	33.299	16	2068.5
11/11/2016	10:15:00	0	33.305	16	2068.5
11/11/2016	10:30:00	0	33.304	16	2068.5
11/11/2016	10:45:00	0	33.286	16	2070.9
11/11/2016	11:00:00	0	33.309	16	2068.5
11/11/2016	11:15:00	0	33.328	16	2070.9
11/11/2016	11:30:00	0	33.325	16	2070.9
11/11/2016	11:45:00	0	33.286	16	2068.5
11/11/2016	12:00:00	0	33.291	16	2068.5
11/11/2016	12:15:00	0	33.274	16	2068.5
11/11/2016	12:30:00	0	33.297	16	2068.5
11/11/2016	12:45:00	0	33.278	16	2070.9
11/11/2016	13:00:00	0	33.315	16	2068.5
11/11/2016	13:15:00	0	33.274	16	2068.5
11/11/2016	13:30:00	0	33.293	16	2068.5
11/11/2016	13:45:00	0	33.256	16	2070.9
11/11/2016	14:00:00	0	33.294	16	2070.9
11/11/2016	14:15:00	0	33.296	16	2068.5
11/11/2016	14:30:00	0	33.311	16	2068.5
11/11/2016	14:45:00	0	33.266	16	2068.5
11/11/2016	15:00:00	0	33.319	16	2068.5
11/11/2016	15:15:00	0	33.302	16	2070.9
11/11/2016	15:30:00	0	33.338	16	2070.9
11/11/2016	15:45:00	0	33.338	16	2068.5
11/11/2016	16:00:00	0	33.277	16	2070.9
11/11/2016	16:15:00	0	33.305	16	2068.5
11/11/2016	16:30:00	0	33.376	16	2070.9
11/11/2016	16:45:00	0	33.329	16	2068.5
11/11/2016	17:00:00	0	33.266	16	2068.5
11/11/2016	17:15:00	0	33.281	16	2068.5
11/11/2016	17:30:00	0	33.314	16	2070.9

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11/14/2016	23:30:00	0	33.378	16	2070.9
11/14/2016	23:45:00	0	33.318	16	2070.9
11/15/2016	0:00:00	0	33.298	16	2070.9
11/15/2016	0:15:00	0	33.339	16	2070.9
11/15/2016	0:30:00	0	33.261	16	2070.9
11/15/2016	0:45:00	0	33.359	16	2072.1
11/15/2016	1:00:00	0	33.354	16	2070.9
11/15/2016	1:15:00	0	33.308	16	2070.9
11/15/2016	1:30:00	0	33.387	16	2070.9
11/15/2016	1:45:00	0	33.365	16	2070.9
11/15/2016	2:00:00	0	33.346	16	2070.9
11/15/2016	2:15:00	0	33.333	16	2070.9
11/15/2016	2:30:00	0	33.329	16	2070.9
11/15/2016	2:45:00	0	33.363	16	2070.9
11/15/2016	3:00:00	0	33.354	16	2070.9
11/15/2016	3:15:00	0	33.315	16	2070.9
11/15/2016	3:30:00	0	33.335	16	2070.9
11/15/2016	3:45:00	0	33.316	16	2070.9

11/15/2016	4:00:00	0	33.376	16	2070.9
11/15/2016	4:15:00	0	33.298	16	2070.9
11/15/2016	4:30:00	0	33.356	16	2070.9
11/15/2016	4:45:00	0	33.277	16	2070.9
11/15/2016	5:00:00	0	33.341	16	2070.9
11/15/2016	5:15:00	0	33.343	16	2070.9
11/15/2016	5:30:00	0	33.32	16	2070.9
11/15/2016	5:45:00	0	33.32	16	2070.9
11/15/2016	6:00:00	0	33.339	16	2070.9
11/15/2016	6:15:00	0	33.318	16	2070.9
11/15/2016	6:30:00	0	33.294	16	2070.9
11/15/2016	6:45:00	0	33.316	16	2070.9
11/15/2016	7:00:00	0	33.32	16	2070.9
11/15/2016	7:15:00	0	33.364	16	2070.9
11/15/2016	7:30:00	0	33.34	16	2070.9
11/15/2016	7:45:00	0	33.309	16	2070.9
11/15/2016	8:00:00	0	33.31	16	2070.9
11/15/2016	8:15:00	0	33.329	16	2070.9
11/15/2016	8:30:00	0	33.351	16	2070.9
11/15/2016	8:45:00	0	33.325	16	2070.9
11/15/2016	9:00:00	0	33.301	16	2070.9
11/15/2016	9:15:00	0	33.339	16	2070.9
11/15/2016	9:30:00	0	33.318	16	2070.9
11/15/2016	9:45:00	0	33.276	16	2070.9
11/15/2016	10:00:00	0	33.35	16	2070.9
11/15/2016	10:15:00	0	33.337	16	2070.9
11/15/2016	10:30:00	0	33.278	16	2070.9
11/15/2016	10:45:00	0	33.336	16	2070.9
11/15/2016	11:00:00	0	33.343	16	2070.9
11/15/2016	11:15:00	0	33.291	16	2070.9
11/15/2016	11:30:00	0	33.316	16	2070.9
11/15/2016	11:45:00	0	33.342	16	2070.9
11/15/2016	12:00:00	0	33.33	16	2070.9
11/15/2016	12:15:00	0	33.36	16	2070.9
11/15/2016	12:30:00	0	33.331	16	2070.9
11/15/2016	12:45:00	0	33.359	16	2072.1
11/15/2016	13:00:00	0	33.345	16	2070.9
11/15/2016	13:15:00	0	33.289	16	2070.9
11/15/2016	13:30:00	0	33.329	16	2070.9
11/15/2016	13:45:00	0	33.337	16	2070.9
11/15/2016	14:00:00	0	33.379	16	2070.9
11/15/2016	14:15:00	0	33.343	16	2070.9
11/15/2016	14:30:00	0	33.303	16	2070.9
11/15/2016	14:45:00	0	33.318	16	2072.1
11/15/2016	15:00:00	0	33.379	16	2070.9
11/15/2016	15:15:00	0	33.321	16	2070.9
11/15/2016	15:30:00	0	33.32	16	2070.9

11/15/2016	15:45:00	0	33.378	16	2070.9
11/15/2016	16:00:00	0	33.337	16	2070.9
11/15/2016	16:15:00	0	33.321	16	2070.9
11/15/2016	16:30:00	0	33.295	16	2070.9
11/15/2016	16:45:00	0	33.337	16	2070.9
11/15/2016	17:00:00	0	33.352	16	2070.9
11/15/2016	17:15:00	0	33.331	16	2072.1
11/15/2016	17:30:00	0	33.337	16	2070.9
11/15/2016	17:45:00	0	33.317	16	2070.9
11/15/2016	18:00:00	0	33.33	16	2070.9
11/15/2016	18:15:00	0	33.345	16	2070.9
11/15/2016	18:30:00	0	33.349	16	2070.9
11/15/2016	18:45:00	0	33.331	16	2070.9
11/15/2016	19:00:00	0	33.263	16	2070.9
11/15/2016	19:15:00	0	33.342	16	2072.1
11/15/2016	19:30:00	0	33.384	16	2070.9
11/15/2016	19:45:00	0	33.301	16	2070.9
11/15/2016	20:00:00	0	33.341	16	2070.9
11/15/2016	20:15:00	0	33.325	16	2070.9
11/15/2016	20:30:00	0	33.364	16	2070.9
11/15/2016	20:45:00	0	33.339	16	2070.9
11/15/2016	21:00:00	0	33.358	16	2070.9
11/15/2016	21:15:00	0	33.353	16	2070.9
11/15/2016	21:30:00	0	33.329	16	2070.9
11/15/2016	21:45:00	0	33.369	16	2070.9
11/15/2016	22:00:00	0	33.325	16	2070.9
11/15/2016	22:15:00	0	33.357	16	2070.9
11/15/2016	22:30:00	0	33.338	16	2070.9
11/15/2016	22:45:00	0	33.321	16	2070.9
11/15/2016	23:00:00	0	33.321	16	2070.9
11/15/2016	23:15:00	0	33.284	16	2070.9
11/15/2016	23:30:00	0	33.305	16	2070.9
11/15/2016	23:45:00	0	33.31	16	2072.1
11/16/2016	0:00:00	0	33.351	16	2070.9
11/16/2016	0:15:00	0	33.354	16	2070.9
11/16/2016	0:30:00	0	33.272	16	2070.9
11/16/2016	0:45:00	0	33.368	16	2070.9
11/16/2016	1:00:00	0	33.29	16	2070.9
11/16/2016	1:15:00	0	33.331	16	2070.9
11/16/2016	1:30:00	0	33.33	16	2070.9
11/16/2016	1:45:00	0	33.332	16	2072.1
11/16/2016	2:00:00	0	33.35	16	2070.9
11/16/2016	2:15:00	0	33.368	16	2072.1
11/16/2016	2:30:00	0	33.352	16	2070.9
11/16/2016	2:45:00	0	33.333	16	2072.1
11/16/2016	3:00:00	0	33.36	16	2070.9
11/16/2016	3:15:00	0	33.342	16	2070.9

11/16/2016	3:30:00	0	33.359	16	2070.9
11/16/2016	3:45:00	0	33.319	16	2070.9
11/16/2016	4:00:00	0	33.402	16	2070.9
11/16/2016	4:15:00	0	33.31	16	2072.1
11/16/2016	4:30:00	0	33.31	16	2070.9
11/16/2016	4:45:00	0	33.348	16	2070.9
11/16/2016	5:00:00	0	33.406	16	2070.9
11/16/2016	5:15:00	0	33.325	16	2070.9
11/16/2016	5:30:00	0	33.31	16	2070.9
11/16/2016	5:45:00	0	33.347	16	2070.9
11/16/2016	6:00:00	0	33.39	16	2070.9
11/16/2016	6:15:00	0	33.373	16	2070.9
11/16/2016	6:30:00	0	33.369	16	2070.9
11/16/2016	6:45:00	0	33.346	16	2070.9
11/16/2016	7:00:00	0	33.397	16	2070.9
11/16/2016	7:15:00	0	33.336	16	2070.9
11/16/2016	7:30:00	0	33.369	16	2070.9
11/16/2016	7:45:00	0	33.325	16	2070.9
11/16/2016	8:00:00	0	33.376	16	2070.9
11/16/2016	8:15:00	0	33.373	16	2070.9
11/16/2016	8:30:00	0	33.37	16	2070.9
11/16/2016	8:45:00	0	33.286	16	2072.1
11/16/2016	9:00:00	0	33.36	16	2072.1
11/16/2016	9:15:00	0	33.324	16	2070.9
11/16/2016	9:30:00	0	33.323	16	2072.1
11/16/2016	9:45:00	0	33.322	16	2070.9
11/16/2016	10:00:00	0	33.281	16	2070.9
11/16/2016	10:15:00	0	33.343	16	2070.9
11/16/2016	10:30:00	0	33.348	16	2070.9
11/16/2016	10:45:00	0	33.35	16	2072.1
11/16/2016	11:00:00	0	33.374	16	2070.9
11/16/2016	11:15:00	0	33.335	16	2072.1
11/16/2016	11:30:00	0	33.325	16	2072.1
11/16/2016	11:45:00	0	33.35	16	2072.1
11/16/2016	12:00:00	0	33.338	16	2070.9
11/16/2016	12:15:00	0	33.346	16	2070.9
11/16/2016	12:30:00	0	33.29	16	2072.1
11/16/2016	12:45:00	0	33.375	16	2070.9
11/16/2016	13:00:00	0	33.364	16	2070.9
11/16/2016	13:15:00	0	33.409	16	2072.1
11/16/2016	13:30:00	0	33.317	16	2070.9
11/16/2016	13:45:00	0	33.305	16	2070.9
11/16/2016	14:00:00	0	33.345	16	2070.9
11/16/2016	14:15:00	0	33.367	16	2070.9
11/16/2016	14:30:00	0	33.351	16	2070.9
11/16/2016	14:45:00	0	33.331	16	2072.1
11/16/2016	15:00:00	0	33.334	16	2070.9

11/16/2016	15:15:00	0	33.351	16	2072.1
11/16/2016	15:30:00	0	33.367	16	2070.9
11/16/2016	15:45:00	0	33.371	16	2072.1
11/16/2016	16:00:00	0	33.324	16	2070.9
11/16/2016	16:15:00	0	33.346	16	2070.9
11/16/2016	16:30:00	0	33.382	16	2070.9
11/16/2016	16:45:00	0	33.364	16	2070.9
11/16/2016	17:00:00	0	33.381	16	2072.1
11/16/2016	17:15:00	0	33.334	16	2070.9
11/16/2016	17:30:00	0	33.325	16	2072.1
11/16/2016	17:45:00	0	33.302	16	2070.9
11/16/2016	18:00:00	0	33.341	16	2070.9
11/16/2016	18:15:00	0	33.323	16	2072.1
11/16/2016	18:30:00	0	33.298	16	2070.9
11/16/2016	18:45:00	0	33.379	16	2072.1
11/16/2016	19:00:00	0	33.361	16	2072.1
11/16/2016	19:15:00	0	33.344	16	2070.9
11/16/2016	19:30:00	0	33.339	16	2072.1
11/16/2016	19:45:00	0	33.375	16	2072.1
11/16/2016	20:00:00	0	33.313	16	2070.9
11/16/2016	20:15:00	0	33.351	16	2070.9
11/16/2016	20:30:00	0	33.353	16	2070.9
11/16/2016	20:45:00	0	33.326	16	2072.1
11/16/2016	21:00:00	0	33.383	16	2070.9
11/16/2016	21:15:00	0	33.358	16	2070.9
11/16/2016	21:30:00	0	33.361	16	2070.9
11/16/2016	21:45:00	0	33.401	16	2072.1
11/16/2016	22:00:00	0	33.339	16	2072.1
11/16/2016	22:15:00	0	33.383	16	2070.9
11/16/2016	22:30:00	0	33.365	16	2072.1
11/16/2016	22:45:00	0	33.364	16	2070.9
11/16/2016	23:00:00	0	33.348	16	2070.9
11/16/2016	23:15:00	0	33.351	16	2072.1
11/16/2016	23:30:00	0	33.308	16	2070.9
11/16/2016	23:45:00	0	33.342	16	2072.1
11/17/2016	0:00:00	0	33.347	16	2072.1
11/17/2016	0:15:00	0	33.325	16	2072.1
11/17/2016	0:30:00	0	33.344	16	2072.1
11/17/2016	0:45:00	0	33.363	16	2072.1
11/17/2016	1:00:00	0	33.373	16	2072.1
11/17/2016	1:15:00	0	33.315	16	2072.1
11/17/2016	1:30:00	0	33.338	16	2072.1
11/17/2016	1:45:00	0	33.334	16	2070.9
11/17/2016	2:00:00	0	33.365	16	2072.1
11/17/2016	2:15:00	0	33.333	16	2070.9
11/17/2016	2:30:00	0	33.387	16	2070.9
11/17/2016	2:45:00	0	33.329	16	2070.9

11/17/2016	3:00:00	0	33.367	16	2072.1
11/17/2016	3:15:00	0	33.408	16	2070.9
11/17/2016	3:30:00	0	33.326	16	2072.1
11/17/2016	3:45:00	0	33.368	16	2070.9
11/17/2016	4:00:00	0	33.371	16	2072.1
11/17/2016	4:15:00	0	33.372	16	2072.1
11/17/2016	4:30:00	0	33.348	16	2072.1
11/17/2016	4:45:00	0	33.381	16	2070.9
11/17/2016	5:00:00	0	33.377	16	2070.9
11/17/2016	5:15:00	0	33.351	16	2070.9
11/17/2016	5:30:00	0	33.332	16	2070.9
11/17/2016	5:45:00	0	33.374	16	2072.1
11/17/2016	6:00:00	0	33.377	16	2072.1
11/17/2016	6:15:00	0	33.338	16	2070.9
11/17/2016	6:30:00	0	33.372	16	2072.1
11/17/2016	6:45:00	0	33.366	16	2072.1
11/17/2016	7:00:00	0	33.423	16	2072.1
11/17/2016	7:15:00	0	33.355	16	2070.9
11/17/2016	7:30:00	0	33.386	16	2072.1
11/17/2016	7:45:00	0	33.344	16	2070.9
11/17/2016	8:00:00	0	33.314	16	2072.1
11/17/2016	8:15:00	0	33.325	16	2070.9
11/17/2016	8:30:00	0	33.32	16	2070.9
11/17/2016	8:45:00	0	33.362	16	2072.1
11/17/2016	9:00:00	0	33.341	16	2072.1
11/17/2016	9:15:00	0	33.345	16	2070.9
11/17/2016	9:30:00	0	33.344	16	2072.1
11/17/2016	9:45:00	0	33.326	16	2072.1
11/17/2016	10:00:00	0	33.304	16	2072.1
11/17/2016	10:15:00	0	33.327	16	2072.1
11/17/2016	10:30:00	0	33.378	16	2070.9
11/17/2016	10:45:00	0	33.416	16	2070.9
11/17/2016	11:00:00	0	33.323	16	2070.9
11/17/2016	11:15:00	0	33.343	16	2072.1
11/17/2016	11:30:00	0	33.308	16	2072.1
11/17/2016	11:45:00	0	33.376	16	2072.1
11/17/2016	12:00:00	0	33.327	16	2072.1
11/17/2016	12:15:00	0	33.375	16	2070.9
11/17/2016	12:30:00	0	33.399	16	2070.9
11/17/2016	12:45:00	0	33.343	16	2072.1
11/17/2016	13:00:00	0	33.331	16	2072.1
11/17/2016	13:15:00	0	33.378	16	2072.1

Report Date: 11/18/2016 8:37:20 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-7D LT Test_2016-11-17_13-58-05-852-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/2/2016 4:38:03 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 4:41:45 PM	Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 4:46:33 PM	Device Taken Offline
3/2/2016 4:47:43 PM	Conductivity calibration. Sensor SN: 441205 Cell Constant: 1.00383 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 4:55:15 PM	Device Put Online
3/2/2016 4:55:16 PM	Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 5:20:15 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 5:22:21 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51:10 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39:34 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 1:42:42 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43:49 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40:58 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42:35 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52:02 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43:29 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15:04 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24:15 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54:58 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58:24 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29:21 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31:21 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42:54 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04:00 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23:38 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43:17 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06:16 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 4:05:51 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
7/21/2016 4:36:32 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
7/28/2016 5:24:58 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 8:30:49 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
8/11/2016 11:13:54 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
8/18/2016 2:35:47 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
8/25/2016 1:14:03 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 9:47:35 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM
9/8/2016 5:38:52 PM	Log Download - Used Battery: 10% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:09:51 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
9/22/2016 10:58:41 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM
10/1/2016 9:57:51 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
10/7/2016 4:10:25 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 3:34:22 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM
10/20/2016 3:02:32 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM
10/27/2016 3:01:14 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM
11/3/2016 2:39:34 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM
11/10/2016 4:31:07 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM
11/17/2016 1:57:16 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 736
Sensors: 2
1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time (ppt)	Seconds	Pressure (PSI)	Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft SN#: 441205 Resistivity (ohm-cm)	Sensor: PCTD(A) 658.7ft Sensor: PCTD(A) 658.7ft SN#: 441205 Water Density (g/cm3)	Temperature (C)	Sensor: PCTD(A) 658.7ft Sensor: Baro-Adj Calc SN#: 441205 Corrected Barometric Pressure (PSI)	Depth (ft)	Sensor: PCTD(A) 658.7ft SN#: 441205 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SN#: 441205 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 658.7ft SN#: 441205 Salinity (PSU)	Sensor: PCTD(A) SN#: 441205 Total Dissolved Solids
11/10/2016 12:00:00 AM		7200.000		116.745		19.235		266.099	34524.316	38796.094	24.918	26.381
28.965			1.017		14.743							

11/10/2016 12:15:00 AM	8100.000	116.750	19.236	266.110	34512.953	38782.887	24.908	26.372	28.975
1.017	14.744								
11/10/2016 12:30:00 AM	9000.000	116.744	19.235	266.096	34539.223	38812.988	24.930	26.393	28.953
1.017	14.746								
11/10/2016 12:45:00 AM	9900.000	116.726	19.235	266.056	34547.328	38821.801	24.936	26.399	28.946
1.017	14.746								
11/10/2016 1:00:00 AM	10800.000	116.733	19.235	266.070	34531.191	38803.742	24.923	26.387	28.959
1.017	14.745								
11/10/2016 1:15:00 AM	11700.000	116.726	19.235	266.055	34522.496	38793.973	24.916	26.380	28.967
1.017	14.741								
11/10/2016 1:30:00 AM	12600.000	116.713	19.235	266.025	34514.723	38785.535	24.910	26.374	28.973
1.017	14.741								
11/10/2016 1:45:00 AM	13500.000	116.711	19.235	266.020	34501.137	38770.191	24.899	26.364	28.985
1.017	14.736								
11/10/2016 2:00:00 AM	14400.000	116.710	19.235	266.018	34524.020	38795.762	24.917	26.381	28.965
1.017	14.740								
11/10/2016 2:15:00 AM	15300.000	116.713	19.236	266.024	34530.816	38803.113	24.923	26.386	28.960
1.017	14.739								
11/10/2016 2:30:00 AM	16200.000	116.704	19.235	266.005	34543.500	38818.012	24.933	26.396	28.949
1.017	14.737								
11/10/2016 2:45:00 AM	17100.000	116.698	19.236	265.990	34543.965	38817.816	24.933	26.396	28.949
1.017	14.739								
11/10/2016 3:00:00 AM	18000.000	116.702	19.235	266.000	34547.508	38822.516	24.936	26.399	28.946
1.017	14.739								
11/10/2016 3:15:00 AM	18900.000	116.702	19.235	265.999	34500.125	38769.199	24.899	26.363	28.985
1.017	14.741								
11/10/2016 3:30:00 AM	19800.000	116.711	19.235	266.021	34527.844	38800.059	24.921	26.384	28.962
1.017	14.737								
11/10/2016 3:45:00 AM	20700.000	116.714	19.236	266.026	34502.109	38770.699	24.900	26.364	28.984
1.017	14.738								
11/10/2016 4:00:00 AM	21600.000	116.708	19.236	266.013	34528.875	38800.777	24.921	26.385	28.961
1.017	14.742								
11/10/2016 4:15:00 AM	22500.000	116.729	19.236	266.061	34551.188	38826.004	24.939	26.402	28.943
1.017	14.735								
11/10/2016 4:30:00 AM	23400.000	116.718	19.236	266.036	34531.586	38803.684	24.923	26.387	28.959
1.017	14.736								
11/10/2016 4:45:00 AM	24300.000	116.738	19.236	266.081	34525.309	38796.922	24.918	26.382	28.964
1.017	14.732								
11/10/2016 5:00:00 AM	25200.000	116.731	19.236	266.065	34540.133	38813.289	24.930	26.393	28.952
1.017	14.740								
11/10/2016 5:15:00 AM	26100.000	116.743	19.236	266.094	34533.141	38805.215	24.924	26.388	28.958
1.017	14.735								
11/10/2016 5:30:00 AM	27000.000	116.756	19.235	266.123	34526.441	38798.551	24.919	26.383	28.963
1.017	14.732								
11/10/2016 5:45:00 AM	27900.000	116.756	19.236	266.123	34547.906	38822.316	24.936	26.399	28.945
1.017	14.739								
11/10/2016 6:00:00 AM	28800.000	116.776	19.236	266.169	34562.758	38838.559	24.948	26.410	28.933
1.017	14.739								
11/10/2016 6:15:00 AM	29700.000	116.756	19.237	266.123	34531.930	38803.055	24.923	26.386	28.959
1.017	14.758								
11/10/2016 6:30:00 AM	30600.000	116.791	19.236	266.202	34540.254	38813.207	24.930	26.393	28.952
1.017	14.744								
11/10/2016 6:45:00 AM	31500.000	116.776	19.236	266.170	34551.465	38826.246	24.939	26.402	28.942
1.017	14.747								
11/10/2016 7:00:00 AM	32400.000	116.790	19.236	266.201	34537.059	38809.684	24.927	26.391	28.954
1.017	14.749								
11/10/2016 7:15:00 AM	33300.000	116.794	19.236	266.209	34540.289	38813.313	24.930	26.393	28.952
1.017	14.746								
11/10/2016 7:30:00 AM	34200.000	116.810	19.236	266.246	34567.766	38844.410	24.952	26.414	28.929
1.017	14.749								
11/10/2016 7:45:00 AM	35100.000	116.793	19.236	266.208	34554.160	38828.836	24.941	26.404	28.940
1.017	14.756								
11/10/2016 8:00:00 AM	36000.000	116.809	19.236	266.243	34541.840	38815.430	24.931	26.394	28.950
1.017	14.754								
11/10/2016 8:15:00 AM	36900.000	116.820	19.235	266.269	34527.191	38799.469	24.920	26.384	28.963
1.017	14.748								
11/10/2016 8:30:00 AM	37800.000	116.818	19.235	266.263	34545.793	38820.449	24.935	26.398	28.947
1.017	14.747								
11/10/2016 8:45:00 AM	38700.000	116.827	19.236	266.284	34552.945	38827.910	24.940	26.403	28.941
1.017	14.748								
11/10/2016 9:00:00 AM	39600.000	116.821	19.236	266.270	34537.523	38810.578	24.928	26.391	28.954
1.017	14.754								
11/10/2016 9:15:00 AM	40500.000	116.824	19.235	266.277	34543.723	38817.684	24.933	26.396	28.949
1.017	14.750								
11/10/2016 9:30:00 AM	41400.000	116.839	19.236	266.312	34562.660	38838.449	24.948	26.410	28.933
1.017	14.742								
11/10/2016 9:45:00 AM	42300.000	116.840	19.236	266.315	34548.234	38822.242	24.936	26.399	28.945
1.017	14.741								
11/10/2016 10:00:00 AM	43200.000	116.828	19.236	266.286	34537.875	38810.750	24.928	26.391	28.954
1.017	14.738								
11/10/2016 10:15:00 AM	44100.000	116.833	19.236	266.298	34546.250	38820.387	24.935	26.398	28.947
1.017	14.741								
11/10/2016 10:30:00 AM	45000.000	116.823	19.235	266.276	34523.273	38794.922	24.917	26.381	28.966
1.017	14.743								
11/10/2016 10:45:00 AM	45900.000	116.840	19.236	266.314	34536.563	38808.840	24.927	26.390	28.955
1.017	14.734								
11/10/2016 11:00:00 AM	46800.000	116.835	19.236	266.304	34540.582	38813.430	24.930	26.393	28.951
1.017	14.732								
11/10/2016 11:15:00 AM	47700.000	116.841	19.235	266.316	34541.566	38815.699	24.932	26.395	28.951
1.017	14.734								
11/10/2016 11:30:00 AM	48600.000	116.837	19.236	266.309	34551.742	38826.258	24.939	26.402	28.942
1.017	14.727								
11/10/2016 11:45:00 AM	49500.000	116.825	19.235	266.281	34538.121	38811.605	24.929	26.392	28.954
1.017	14.729								
11/10/2016 12:00:00 PM	50400.000	116.828	19.236	266.288	34530.102	38801.801	24.922	26.385	28.960
1.017	14.727								
11/10/2016 12:15:00 PM	51300.000	116.815	19.236	266.257	34525.117	38796.262	24.918	26.381	28.964
1.017	14.730								
11/10/2016 12:30:00 PM	52200.000	116.803	19.236	266.230	34538.773	38811.758	24.929	26.392	28.953
1.017	14.726								
11/10/2016 12:45:00 PM	53100.000	116.798	19.236	266.218	34522.313	38793.047	24.916	26.379	28.967
1.017	14.726								
11/10/2016 1:00:00 PM	54000.000	116.799	19.235	266.220	34548.605	38823.313	24.937	26.400	28.945
1.017	14.716								
11/10/2016 1:15:00 PM	54900.000	116.796	19.236	266.215	34545.465	38819.348	24.934	26.397	28.947
1.017	14.718								
11/10/2016 1:30:00 PM	55800.000	116.787	19.235	266.194	34547.324	38821.949	24.936	26.399	28.946
1.017	14.727								
11/10/2016 1:45:00 PM	56700.000	116.792	19.235	266.205	34521.066	38792.227	24.915	26.379	28.968
1.017	14.725								
11/10/2016 2:00:00 PM	57600.000	116.784	19.235	266.187	34549.375	38824.035	24.938	26.400	28.944
1.017	14.726								
11/10/2016 2:15:00 PM	58500.000	116.783	19.236	266.186	34554.523	38829.684	24.942	26.404	28.940
1.017	14.731								
11/10/2016 2:30:00 PM	59400.000	116.776	19.236	266.168	34538.254	38811.246	24.928	26.392	28.953
1.017	14.729								
11/10/2016 2:45:00 PM	60300.000	116.778	19.235	266.174	34533.004	38805.703	24.925	26.388	28.958
1.017	14.726								
11/10/2016 3:00:00 PM	61200.000	116.760	19.235	266.131	34545.445	38819.762	24.935	26.397	28.947
1.017	14.731								
11/10/2016 3:15:00 PM	62100.000	116.763	19.235	266.139	34531.414	38804.215	24.923	26.387	28.959
1.017	14.732								
11/10/2016 3:30:00 PM	63000.000	116.759	19.236	266.130	34550.059	38824.367	24.938	26.401	28.944
1.017	14.738								
11/10/2016 3:45:00 PM	63900.000	116.769	19.236	266.153	34544.422	38818.176	24.933	26.396	28.948
1.017	14.737								
11/10/2016 4:00:00 PM	64800.000	116.768	19.236	266.149	34533.523	38806.082	24.925	26.388	28.957
1.017	14.737								
11/10/2016 4:15:00 PM	65700.000	116.765	19.235	266.143	34542.207	38816.270	24.932	26.395	28.950
1.017	14.739								
11/10/2016 4:30:00 PM	66600.000	116.762	19.235	266.137	34527.387	38799.328	24.920	26.384	28.963
1.017	14.738								
11/10/2016 4:45:00 PM	67500.000	116.761	19.236	266.135	34564.352	38840.645	24.949	26.412	

28.932	1.017	14.743							
11/10/2016 5:00:00 PM	68400.000	116.777	19.236	266.170	34532.086	38803.738	24.923	26.387	
28.959	1.017	14.730							
11/10/2016 5:15:00 PM	69300.000	116.761	19.236	266.133	34539.750	38812.496	24.929	26.392	
28.952	1.017	14.746							
11/10/2016 5:30:00 PM	70200.000	116.771	19.236	266.157	34548.496	38822.824	24.937	26.400	
28.945	1.017	14.744							
11/10/2016 5:45:00 PM	71100.000	116.773	19.236	266.161	34527.215	38798.910	24.920	26.383	
28.963	1.017	14.741							
11/10/2016 6:00:00 PM	72000.000	116.767	19.236	266.147	34557.145	38832.328	24.943	26.406	
28.938	1.017	14.748							
11/10/2016 6:15:00 PM	72900.000	116.777	19.236	266.171	34532.145	38803.949	24.923	26.387	
28.959	1.017	14.744							
11/10/2016 6:30:00 PM	73800.000	116.780	19.236	266.178	34519.742	38790.445	24.914	26.378	
28.969	1.017	14.745							
11/10/2016 6:45:00 PM	74700.000	116.785	19.236	266.190	34534.207	38806.477	24.925	26.388	
28.957	1.017	14.740							
11/10/2016 7:00:00 PM	75600.000	116.777	19.236	266.170	34525.719	38797.090	24.918	26.382	
28.964	1.017	14.744							
11/10/2016 7:15:00 PM	76500.000	116.776	19.236	266.169	34539.641	38812.734	24.930	26.393	
28.952	1.017	14.745							
11/10/2016 7:30:00 PM	77400.000	116.791	19.236	266.203	34529.348	38800.660	24.921	26.384	
28.961	1.017	14.741							
11/10/2016 7:45:00 PM	78300.000	116.797	19.236	266.217	34545.559	38819.168	24.934	26.397	
28.947	1.017	14.742							
11/10/2016 8:00:00 PM	79200.000	116.784	19.235	266.187	34547.199	38821.594	24.936	26.399	
28.946	1.017	14.750							
11/10/2016 8:15:00 PM	80100.000	116.787	19.235	266.194	34532.242	38805.070	24.924	26.387	
28.958	1.017	14.743							
11/10/2016 8:30:00 PM	81000.000	116.785	19.235	266.189	34551.891	38826.926	24.940	26.402	
28.942	1.017	14.748							
11/10/2016 8:45:00 PM	81900.000	116.791	19.235	266.202	34564.012	38840.484	24.949	26.412	
28.932	1.017	14.751							
11/10/2016 9:00:00 PM	82800.000	116.787	19.235	266.195	34554.617	38829.988	24.942	26.404	
28.940	1.017	14.744							
11/10/2016 9:15:00 PM	83700.000	116.789	19.236	266.199	34553.609	38828.500	24.941	26.403	
28.941	1.017	14.751							
11/10/2016 9:30:00 PM	84600.000	116.772	19.235	266.159	34546.910	38821.266	24.936	26.398	
28.946	1.017	14.754							
11/10/2016 9:45:00 PM	85500.000	116.786	19.235	266.191	34519.363	38790.453	24.914	26.378	
28.969	1.017	14.748							
11/10/2016 10:00:00 PM	86400.000	116.777	19.235	266.171	34543.703	38817.879	24.933	26.396	
28.949	1.017	14.752							
11/10/2016 10:15:00 PM	87300.000	116.776	19.235	266.169	34547.465	38821.953	24.936	26.399	
28.946	1.017	14.752							
11/10/2016 10:30:00 PM	88200.000	116.782	19.235	266.183	34538.836	38812.410	24.929	26.392	
28.953	1.017	14.749							
11/10/2016 10:45:00 PM	89100.000	116.769	19.235	266.153	34548.320	38823.137	24.937	26.400	
28.945	1.017	14.754							
11/10/2016 11:00:00 PM	90000.000	116.751	19.235	266.111	34533.859	38806.664	24.925	26.389	
28.957	1.017	14.754							
11/10/2016 11:15:00 PM	90900.000	116.755	19.235	266.121	34546.742	38821.738	24.936	26.399	
28.946	1.017	14.751							
11/10/2016 11:30:00 PM	91800.000	116.745	19.235	266.098	34526.137	38798.430	24.919	26.383	
28.964	1.017	14.758							
11/10/2016 11:45:00 PM	92700.000	116.746	19.235	266.101	34548.590	38823.156	24.937	26.400	
28.945	1.017	14.757							
11/11/2016 12:00:00 AM	93600.000	116.734	19.236	266.073	34536.141	38808.871	24.927	26.390	
28.955	1.017	14.756							
11/11/2016 12:15:00 AM	94500.000	116.739	19.236	266.083	34531.898	38804.258	24.924	26.387	
28.959	1.017	14.759							
11/11/2016 12:30:00 AM	95400.000	116.716	19.236	266.032	34539.309	38812.586	24.929	26.393	
28.953	1.017	14.762							
11/11/2016 12:45:00 AM	96300.000	116.719	19.236	266.038	34512.641	38782.180	24.908	26.372	
28.975	1.017	14.755							
11/11/2016 1:00:00 AM	97200.000	116.707	19.235	266.011	34509.422	38779.426	24.906	26.370	
28.978	1.017	14.759							
11/11/2016 1:15:00 AM	98100.000	116.705	19.235	266.007	34525.969	38797.734	24.919	26.382	
28.964	1.017	14.759							
11/11/2016 1:30:00 AM	99000.000	116.697	19.236	265.989	34531.664	38804.066	24.923	26.387	
28.959	1.017	14.757							
11/11/2016 1:45:00 AM	99900.000	116.697	19.235	265.989	34541.941	38815.824	24.932	26.395	
28.950	1.017	14.752							
11/11/2016 2:00:00 AM	100800.000	116.685	19.235	265.961	34521.016	38792.605	24.915	26.379	
28.968	1.017	14.758							
11/11/2016 2:15:00 AM	101700.000	116.687	19.235	265.965	34553.621	38828.949	24.941	26.404	
28.941	1.017	14.751							
11/11/2016 2:30:00 AM	102600.000	116.682	19.235	265.954	34526.383	38798.414	24.919	26.383	
28.963	1.017	14.752							
11/11/2016 2:45:00 AM	103500.000	116.684	19.234	265.958	34520.906	38792.840	24.915	26.379	
28.968	1.017	14.753							
11/11/2016 3:00:00 AM	104400.000	116.678	19.236	265.945	34528.410	38800.184	24.921	26.384	
28.962	1.017	14.752							
11/11/2016 3:15:00 AM	105300.000	116.688	19.235	265.968	34527.457	38799.984	24.920	26.384	
28.962	1.017	14.745							
11/11/2016 3:30:00 AM	106200.000	116.676	19.235	265.940	34545.270	38819.785	24.935	26.397	
28.948	1.017	14.754							
11/11/2016 3:45:00 AM	107100.000	116.686	19.236	265.963	34542.215	38815.766	24.932	26.395	
28.950	1.017	14.744							
11/11/2016 4:00:00 AM	108000.000	116.692	19.235	265.976	34522.074	38793.719	24.916	26.380	
28.967	1.017	14.743							
11/11/2016 4:15:00 AM	108900.000	116.691	19.236	265.975	34542.363	38815.934	24.932	26.395	
28.950	1.017	14.744							
11/11/2016 4:30:00 AM	109800.000	116.685	19.235	265.962	34518.406	38789.523	24.913	26.377	
28.970	1.017	14.743							
11/11/2016 4:45:00 AM	110700.000	116.700	19.236	265.995	34536.785	38809.750	24.927	26.391	
28.955	1.017	14.745							
11/11/2016 5:00:00 AM	111600.000	116.694	19.236	265.982	34533.898	38806.066	24.925	26.388	
28.957	1.017	14.751							
11/11/2016 5:15:00 AM	112500.000	116.705	19.235	266.007	34535.762	38808.879	24.927	26.390	
28.955	1.017	14.744							
11/11/2016 5:30:00 AM	113400.000	116.714	19.236	266.028	34534.480	38807.160	24.926	26.389	
28.957	1.017	14.746							
11/11/2016 5:45:00 AM	114300.000	116.715	19.236	266.030	34515.148	38785.137	24.910	26.374	
28.973	1.017	14.751							
11/11/2016 6:00:00 AM	115200.000	116.728	19.237	266.060	34550.160	38823.762	24.937	26.400	
28.943	1.017	14.741							
11/11/2016 6:15:00 AM	116100.000	116.748	19.236	266.105	34546.266	38820.027	24.935	26.398	
28.947	1.017	14.745							
11/11/2016 6:30:00 AM	117000.000	116.745	19.236	266.097	34535.520	38808.027	24.926	26.389	
28.956	1.017	14.750							
11/11/2016 6:45:00 AM	117900.000	116.744	19.236	266.095	34554.355	38828.762	24.941	26.404	
28.940	1.017	14.753							
11/11/2016 7:00:00 AM	118800.000	116.752	19.236	266.113	34529.324	38801.066	24.921	26.385	
28.961	1.017	14.755							
11/11/2016 7:15:00 AM	119700.000	116.767	19.235	266.148	34549.535	38824.504	24.938	26.401	
28.944	1.017	14.754							
11/11/2016 7:30:00 AM	120600.000	116.769	19.236	266.154	34529.848	38802.023	24.922	26.385	
28.960	1.017	14.756							
11/11/2016 7:45:00 AM	121500.000	116.789	19.236	266.198	34535.223	38808.063	24.926	26.389	
28.956	1.017	14.756							
11/11/2016 8:00:00 AM	122400.000	116.788	19.236	266.195	34542.668	38816.137	24.932	26.395	
28.950	1.017	14.753							
11/11/2016 8:15:00 AM	123300.000	116.790	19.235	266.202	34552.168	38827.238	24.940	26.403	
28.942	1.017	14.764							
11/11/2016 8:30:00 AM	124200.000	116.803	19.236	266.229	34530.430	38802.234	24.922	26.386	
28.960	1.017	14.760							
11/11/2016 8:45:00 AM	125100.000	116.808	19.236	266.241	34558.594	38833.746	24.945	26.407	
28.936	1.017	14.758							
11/11/2016 9:00:00 AM	126000.000	116.811	19.235	266.249	34543.215	38817.113	24.933	26.396	
28.949	1.017	14.759							
11/11/2016 9:15:00 AM	126900.000	116.838	19.235	266.309	34558.715	38834.531	24.945	26.407	
28.936	1.017	14.768							

11/11/2016 9:30:00 AM	127800.000	116.819	19.238	266.266	34525.473	38795.289	24.917	26.381	28.964
1.017	14.765								
11/11/2016 9:45:00 AM	128700.000	116.818	19.237	266.263	34550.355	38823.605	24.937	26.400	28.943
1.017	14.766								
11/11/2016 10:00:00 AM	129600.000	116.815	19.237	266.258	34537.574	38809.621	24.927	26.391	28.954
1.017	14.766								
11/11/2016 10:15:00 AM	130500.000	116.822	19.237	266.273	34553.637	38827.668	24.940	26.403	28.941
1.017	14.760								
11/11/2016 10:30:00 AM	131400.000	116.825	19.237	266.280	34550.938	38824.191	24.938	26.400	28.943
1.017	14.759								
11/11/2016 10:45:00 AM	132300.000	116.829	19.236	266.289	34538.070	38810.531	24.928	26.391	28.954
1.017	14.759								
11/11/2016 11:00:00 AM	133200.000	116.823	19.236	266.275	34559.293	38834.379	24.945	26.407	28.936
1.017	14.763								
11/11/2016 11:15:00 AM	134100.000	116.819	19.237	266.267	34561.004	38835.723	24.946	26.408	28.934
1.017	14.755								
11/11/2016 11:30:00 AM	135000.000	116.825	19.236	266.280	34544.867	38818.172	24.933	26.396	28.948
1.017	14.761								
11/11/2016 11:45:00 AM	135900.000	116.816	19.236	266.261	34548.883	38822.902	24.937	26.400	28.944
1.017	14.755								
11/11/2016 12:00:00 PM	136800.000	116.811	19.236	266.249	34539.109	38811.699	24.929	26.392	28.953
1.017	14.755								
11/11/2016 12:15:00 PM	137700.000	116.797	19.237	266.216	34538.586	38810.680	24.928	26.391	28.953
1.017	14.755								
11/11/2016 12:30:00 PM	138600.000	116.789	19.236	266.197	34536.238	38809.051	24.927	26.390	28.955
1.017	14.758								
11/11/2016 12:45:00 PM	139500.000	116.795	19.237	266.212	34552.648	38826.766	24.940	26.402	28.941
1.017	14.754								
11/11/2016 1:00:00 PM	140400.000	116.793	19.237	266.206	34539.063	38811.500	24.929	26.392	28.953
1.017	14.755								
11/11/2016 1:15:00 PM	141300.000	116.771	19.236	266.158	34539.488	38812.414	24.929	26.392	28.952
1.017	14.757								
11/11/2016 1:30:00 PM	142200.000	116.765	19.236	266.144	34526.617	38798.098	24.919	26.383	28.963
1.017	14.758								
11/11/2016 1:45:00 PM	143100.000	116.773	19.237	266.161	34532.953	38804.559	24.924	26.387	28.958
1.017	14.760								
11/11/2016 2:00:00 PM	144000.000	116.757	19.237	266.125	34573.086	38849.586	24.956	26.418	28.924
1.017	14.765								
11/11/2016 2:15:00 PM	144900.000	116.757	19.237	266.125	34526.617	38797.309	24.919	26.382	28.963
1.017	14.744								
11/11/2016 2:30:00 PM	145800.000	116.745	19.236	266.099	34553.402	38827.762	24.940	26.403	28.941
1.017	14.761								
11/11/2016 2:45:00 PM	146700.000	116.740	19.237	266.087	34553.879	38828.004	24.940	26.403	28.940
1.017	14.761								
11/11/2016 3:00:00 PM	147600.000	116.724	19.237	266.050	34513.988	38783.324	24.909	26.373	28.974
1.017	14.770								
11/11/2016 3:15:00 PM	148500.000	116.735	19.236	266.075	34525.184	38796.051	24.918	26.381	28.964
1.017	14.760								
11/11/2016 3:30:00 PM	149400.000	116.724	19.237	266.050	34519.434	38789.234	24.913	26.377	28.969
1.017	14.766								
11/11/2016 3:45:00 PM	150300.000	116.712	19.236	266.023	34542.191	38815.164	24.931	26.394	28.950
1.017	14.771								
11/11/2016 4:00:00 PM	151200.000	116.715	19.236	266.030	34546.414	38820.270	24.935	26.398	28.947
1.017	14.762								
11/11/2016 4:15:00 PM	152100.000	116.702	19.235	266.000	34519.270	38790.270	24.914	26.377	28.969
1.017	14.765								
11/11/2016 4:30:00 PM	153000.000	116.709	19.237	266.016	34512.449	38781.164	24.907	26.371	28.975
1.017	14.765								
11/11/2016 4:45:00 PM	153900.000	116.706	19.236	266.009	34545.160	38818.574	24.934	26.397	28.948
1.017	14.771								
11/11/2016 5:00:00 PM	154800.000	116.708	19.236	266.013	34543.105	38816.191	24.932	26.395	28.949
1.017	14.769								
11/11/2016 5:15:00 PM	155700.000	116.704	19.236	266.004	34554.555	38829.133	24.941	26.404	28.940
1.017	14.770								
11/11/2016 5:30:00 PM	156600.000	116.711	19.237	266.020	34525.094	38795.082	24.917	26.381	28.964
1.017	14.773								
11/11/2016 5:45:00 PM	157500.000	116.706	19.236	266.010	34535.605	38808.340	24.926	26.390	28.956
1.017	14.775								
11/11/2016 6:00:00 PM	158400.000	116.708	19.237	266.013	34533.016	38804.629	24.924	26.387	28.958
1.017	14.780								
11/11/2016 6:15:00 PM	159300.000	116.717	19.237	266.033	34533.676	38805.301	24.924	26.388	28.957
1.017	14.778								
11/11/2016 6:30:00 PM	160200.000	116.728	19.237	266.058	34550.934	38824.766	24.938	26.401	28.943
1.017	14.778								
11/11/2016 6:45:00 PM	161100.000	116.712	19.237	266.023	34521.574	38791.773	24.915	26.378	28.967
1.017	14.779								
11/11/2016 7:00:00 PM	162000.000	116.713	19.238	266.025	34544.895	38817.176	24.933	26.396	28.948
1.017	14.775								
11/11/2016 7:15:00 PM	162900.000	116.733	19.236	266.070	34542.020	38815.406	24.931	26.394	28.950
1.017	14.770								
11/11/2016 7:30:00 PM	163800.000	116.722	19.236	266.045	34546.805	38820.348	24.935	26.398	28.946
1.017	14.773								
11/11/2016 7:45:00 PM	164700.000	116.741	19.236	266.089	34549.242	38823.016	24.937	26.400	28.944
1.017	14.759								
11/11/2016 8:00:00 PM	165600.000	116.744	19.236	266.096	34537.051	38809.316	24.927	26.390	28.954
1.017	14.761								
11/11/2016 8:15:00 PM	166500.000	116.745	19.237	266.097	34527.273	38798.043	24.919	26.383	28.963
1.017	14.759								
11/11/2016 8:30:00 PM	167400.000	116.751	19.237	266.111	34562.500	38837.477	24.947	26.409	28.933
1.017	14.754								
11/11/2016 8:45:00 PM	168300.000	116.754	19.236	266.118	34553.293	38827.637	24.940	26.403	28.941
1.017	14.761								
11/11/2016 9:00:00 PM	169200.000	116.741	19.236	266.089	34544.922	38818.453	24.934	26.397	28.948
1.017	14.764								
11/11/2016 9:15:00 PM	170100.000	116.747	19.237	266.102	34539.504	38811.789	24.929	26.392	28.952
1.017	14.759								
11/11/2016 9:30:00 PM	171000.000	116.746	19.236	266.100	34546.074	38819.457	24.934	26.397	28.947
1.017	14.760								
11/11/2016 9:45:00 PM	171900.000	116.760	19.237	266.131	34537.070	38808.828	24.927	26.390	28.954
1.017	14.762								
11/11/2016 10:00:00 PM	172800.000	116.755	19.237	266.122	34528.691	38799.340	24.920	26.384	28.961
1.017	14.777								
11/11/2016 10:15:00 PM	173700.000	116.752	19.236	266.114	34542.172	38815.070	24.931	26.394	28.950
1.017	14.777								
11/11/2016 10:30:00 PM	174600.000	116.752	19.236	266.113	34540.988	38813.742	24.930	26.393	28.951
1.017	14.766								
11/11/2016 10:45:00 PM	175500.000	116.749	19.236	266.107	34537.359	38809.734	24.927	26.391	28.954
1.017	14.773								
11/11/2016 11:00:00 PM	176400.000	116.740	19.236	266.086	34543.172	38816.340	24.932	26.395	28.949
1.017	14.776								
11/11/2016 11:15:00 PM	177300.000	116.741	19.236	266.088	34540.809	38814.117	24.931	26.394	28.951
1.017	14.781								
11/11/2016 11:30:00 PM	178200.000	116.741	19.236	266.089	34541.594	38814.715	24.931	26.394	28.951
1.017	14.782								
11/11/2016 11:45:00 PM	179100.000	116.737	19.236	266.079	34532.422	38804.117	24.923	26.387	28.958
1.017	14.781								
11/12/2016 12:00:00 AM	180000.000	116.740	19.236	266.087	34546.395	38820.109	24.935	26.398	28.947
1.017	14.774								
11/12/2016 12:15:00 AM	180900.000	116.742	19.236	266.090	34533.492	38805.539	24.924	26.388	28.957
1.017	14.773								
11/12/2016 12:30:00 AM	181800.000	116.728	19.237	266.058	34563.523	38838.777	24.948	26.410	28.932
1.017	14.778								
11/12/2016 12:45:00 AM	182700.000	116.728	19.236	266.058	34558.680	38833.977	24.945	26.407	28.936
1.017	14.783								
11/12/2016 1:00:00 AM	183600.000	116.717	19.236	266.033	34523.910	38795.352	24.917	26.381	28.965
1.017	14.776								
11/12/2016 1:15:00 AM	184500.000	116.706	19.236	266.008	34523.496	38794.305	24.916	26.380	28.966
1.017	14.777								
11/12/2016 1:30:00 AM	185400.000	116.704	19.236	266.004	34512.559	38782.227	24.908	26.372	28.975
1.017	14.777								
11/12/2016 1:45:00 AM	186300.000	116.701	19.235	265.997	34514.305	38784.770	24.910	26.374	28.973
1.017	14.780								
11/12/2016 2:00:00 AM	187200.000	116.692	19.235	265.977	34535.031	38808.059	24.926	26.389	

28.956	1.017	14.785						
11/12/2016 2:15:00 AM	188100.000	116.692	19.237	265.978	34513.926	38782.668	24.908	26.372
28.974	1.017	14.778						
11/12/2016 2:30:00 AM	189000.000	116.676	19.237	265.940	34550.891	38824.645	24.938	26.401
28.943	1.017	14.780						
11/12/2016 2:45:00 AM	189900.000	116.688	19.236	265.968	34529.262	38800.633	24.921	26.384
28.961	1.017	14.781						
11/12/2016 3:00:00 AM	190800.000	116.684	19.236	265.959	34514.992	38784.887	24.910	26.374
28.973	1.017	14.783						
11/12/2016 3:15:00 AM	191700.000	116.680	19.236	265.949	34501.840	38769.750	24.899	26.363
28.984	1.017	14.780						
11/12/2016 3:30:00 AM	192600.000	116.678	19.237	265.945	34521.219	38791.375	24.914	26.378
28.968	1.017	14.786						
11/12/2016 3:45:00 AM	193500.000	116.685	19.236	265.961	34527.219	38798.488	24.919	26.383
28.963	1.017	14.778						
11/12/2016 4:00:00 AM	194400.000	116.682	19.235	265.954	34529.316	38801.934	24.922	26.385
28.961	1.017	14.783						
11/12/2016 4:15:00 AM	195300.000	116.677	19.236	265.943	34544.992	38818.598	24.934	26.397
28.948	1.017	14.783						
11/12/2016 4:30:00 AM	196200.000	116.690	19.237	265.972	34512.453	38781.313	24.907	26.371
28.975	1.017	14.783						
11/12/2016 4:45:00 AM	197100.000	116.690	19.236	265.973	34539.457	38812.168	24.929	26.392
28.952	1.017	14.784						
11/12/2016 5:00:00 AM	198000.000	116.693	19.237	265.979	34541.242	38813.586	24.930	26.393
28.951	1.017	14.778						
11/12/2016 5:15:00 AM	198900.000	116.700	19.236	265.995	34538.977	38811.988	24.929	26.392
28.953	1.017	14.784						
11/12/2016 5:30:00 AM	199800.000	116.705	19.236	266.008	34525.422	38796.320	24.918	26.382
28.964	1.017	14.778						
11/12/2016 5:45:00 AM	200700.000	116.722	19.236	266.045	34541.016	38814.203	24.931	26.394
28.951	1.017	14.775						
11/12/2016 6:00:00 AM	201600.000	116.706	19.236	266.009	34544.863	38818.168	24.933	26.396
28.948	1.017	14.791						
11/12/2016 6:15:00 AM	202500.000	116.727	19.237	266.056	34558.715	38833.152	24.944	26.407
28.936	1.017	14.784						
11/12/2016 6:30:00 AM	203400.000	116.730	19.236	266.064	34529.625	38801.402	24.922	26.385
28.961	1.017	14.786						
11/12/2016 6:45:00 AM	204300.000	116.746	19.236	266.099	34513.320	38782.871	24.908	26.372
28.974	1.017	14.789						
11/12/2016 7:00:00 AM	205200.000	116.754	19.237	266.119	34545.543	38818.422	24.934	26.397
28.947	1.017	14.792						
11/12/2016 7:15:00 AM	206100.000	116.755	19.236	266.121	34545.742	38819.230	24.934	26.397
28.947	1.017	14.794						
11/12/2016 7:30:00 AM	207000.000	116.772	19.237	266.160	34543.203	38815.430	24.932	26.394
28.949	1.017	14.800						
11/12/2016 7:45:00 AM	207900.000	116.765	19.236	266.144	34565.156	38841.121	24.950	26.412
28.931	1.017	14.801						
11/12/2016 8:00:00 AM	208800.000	116.790	19.236	266.201	34567.531	38843.789	24.952	26.414
28.929	1.017	14.798						
11/12/2016 8:15:00 AM	209700.000	116.792	19.238	266.205	34548.285	38821.063	24.936	26.398
28.945	1.017	14.805						
11/12/2016 8:30:00 AM	210600.000	116.793	19.236	266.207	34545.375	38818.891	24.934	26.397
28.947	1.017	14.808						
11/12/2016 8:45:00 AM	211500.000	116.807	19.237	266.238	34540.707	38813.141	24.930	26.393
28.951	1.017	14.811						
11/12/2016 9:00:00 AM	212400.000	116.812	19.237	266.251	34553.832	38827.734	24.940	26.403
28.940	1.017	14.802						
11/12/2016 9:15:00 AM	213300.000	116.824	19.237	266.279	34537.910	38810.129	24.928	26.391
28.954	1.017	14.806						
11/12/2016 9:30:00 AM	214200.000	116.830	19.237	266.292	34521.445	38791.496	24.914	26.378
28.968	1.017	14.803						
11/12/2016 9:45:00 AM	215100.000	116.839	19.237	266.312	34551.824	38825.555	24.939	26.401
28.942	1.017	14.803						
11/12/2016 10:00:00 AM	216000.000	116.836	19.237	266.306	34547.344	38820.445	24.935	26.398
28.946	1.017	14.802						
11/12/2016 10:15:00 AM	216900.000	116.843	19.237	266.322	34564.613	38839.625	24.949	26.411
28.931	1.017	14.804						
11/12/2016 10:30:00 AM	217800.000	116.840	19.237	266.315	34531.406	38802.609	24.922	26.386
28.959	1.017	14.802						
11/12/2016 10:45:00 AM	218700.000	116.848	19.236	266.333	34537.273	38809.789	24.927	26.391
28.954	1.017	14.794						
11/12/2016 11:00:00 AM	219600.000	116.842	19.237	266.319	34553.672	38827.770	24.940	26.403
28.940	1.017	14.795						
11/12/2016 11:15:00 AM	220500.000	116.842	19.237	266.318	34544.098	38816.574	24.932	26.395
28.949	1.017	14.792						
11/12/2016 11:30:00 AM	221400.000	116.830	19.236	266.292	34531.809	38803.570	24.923	26.386
28.959	1.017	14.789						
11/12/2016 11:45:00 AM	222300.000	116.828	19.236	266.286	34517.594	38787.883	24.912	26.376
28.971	1.017	14.784						
11/12/2016 12:00:00 PM	223200.000	116.832	19.236	266.297	34543.711	38816.871	24.933	26.395
28.949	1.017	14.779						
11/12/2016 12:15:00 PM	224100.000	116.831	19.236	266.293	34517.426	38787.555	24.912	26.376
28.971	1.017	14.776						
11/12/2016 12:30:00 PM	225000.000	116.820	19.236	266.268	34521.262	38792.223	24.915	26.379
28.968	1.017	14.772						
11/12/2016 12:45:00 PM	225900.000	116.823	19.236	266.276	34546.172	38820.145	24.935	26.398
28.947	1.017	14.774						
11/12/2016 1:00:00 PM	226800.000	116.805	19.236	266.234	34552.742	38826.949	24.940	26.402
28.941	1.017	14.771						
11/12/2016 1:15:00 PM	227700.000	116.792	19.236	266.206	34530.527	38802.418	24.922	26.386
28.960	1.017	14.774						
11/12/2016 1:30:00 PM	228600.000	116.797	19.237	266.217	34540.320	38812.629	24.930	26.393
28.952	1.017	14.764						
11/12/2016 1:45:00 PM	229500.000	116.771	19.236	266.158	34553.762	38828.094	24.940	26.403
28.940	1.017	14.770						
11/12/2016 2:00:00 PM	230400.000	116.769	19.236	266.152	34528.813	38800.207	24.921	26.384
28.961	1.017	14.779						
11/12/2016 2:15:00 PM	231300.000	116.758	19.236	266.126	34540.559	38813.988	24.930	26.394
28.951	1.017	14.772						
11/12/2016 2:30:00 PM	232200.000	116.756	19.236	266.123	34532.336	38804.668	24.924	26.387
28.958	1.017	14.773						
11/12/2016 2:45:00 PM	233100.000	116.748	19.237	266.105	34525.180	38795.691	24.917	26.381
28.964	1.017	14.770						
11/12/2016 3:00:00 PM	234000.000	116.730	19.236	266.065	34517.816	38788.281	24.912	26.376
28.971	1.017	14.775						
11/12/2016 3:15:00 PM	234900.000	116.727	19.235	266.056	34525.578	38797.297	24.919	26.382
28.964	1.017	14.775						
11/12/2016 3:30:00 PM	235800.000	116.711	19.235	266.021	34546.863	38821.277	24.936	26.398
28.946	1.017	14.773						
11/12/2016 3:45:00 PM	236700.000	116.703	19.236	266.002	34549.547	38823.359	24.937	26.400
28.944	1.017	14.771						
11/12/2016 4:00:00 PM	237600.000	116.719	19.237	266.038	34536.660	38808.727	24.927	26.390
28.955	1.017	14.767						
11/12/2016 4:15:00 PM	238500.000	116.684	19.236	265.960	34519.039	38789.434	24.913	26.377
28.970	1.017	14.775						
11/12/2016 4:30:00 PM	239400.000	116.690	19.236	265.972	34550.898	38825.023	24.938	26.401
28.943	1.017	14.773						
11/12/2016 4:45:00 PM	240300.000	116.681	19.236	265.953	34519.719	38790.641	24.914	26.378
28.969	1.017	14.775						
11/12/2016 5:00:00 PM	241200.000	116.675	19.236	265.938	34531.824	38804.020	24.923	26.387
28.959	1.017	14.777						
11/12/2016 5:15:00 PM	242100.000	116.681	19.235	265.953	34520.047	38791.141	24.914	26.378
28.969	1.017	14.778						
11/12/2016 5:30:00 PM	243000.000	116.671	19.237	265.930	34541.418	38813.859	24.930	26.393
28.951	1.017	14.778						
11/12/2016 5:45:00 PM	243900.000	116.670	19.236	265.926	34524.711	38796.027	24.918	26.381
28.965	1.017	14.782						
11/12/2016 6:00:00 PM	244800.000	116.672	19.236	265.931	34536.391	38809.305	24.927	26.390
28.955	1.017	14.779						
11/12/2016 6:15:00 PM	245700.000	116.665	19.237	265.915	34538.500	38810.359	24.928	26.391
28.953	1.017	14.785						
11/12/2016 6:30:00 PM	246600.000	116.674	19.236	265.937	34538.340	38810.988	24.928	26.391
28.953	1.017	14.780						

11/12/2016 6:45:00 PM	247500.000	116.670	19.236	265.927	34527.406	38798.910	24.920	26.383	
28.962	1.017	14.780							
11/12/2016 7:00:00 PM	248400.000	116.667	19.236	265.921	34531.973	38803.609	24.923	26.386	
28.959	1.017	14.784							
11/12/2016 7:15:00 PM	249300.000	116.667	19.235	265.919	34509.246	38779.004	24.906	26.370	
28.978	1.017	14.783							
11/12/2016 7:30:00 PM	250200.000	116.676	19.236	265.939	34518.883	38789.121	24.913	26.377	
28.970	1.017	14.774							
11/12/2016 7:45:00 PM	251100.000	116.684	19.236	265.958	34509.797	38779.047	24.906	26.370	
28.977	1.017	14.774							
11/12/2016 8:00:00 PM	252000.000	116.685	19.237	265.961	34538.582	38810.598	24.928	26.391	
28.953	1.017	14.777							
11/12/2016 8:15:00 PM	252900.000	116.687	19.235	265.965	34537.055	38810.406	24.928	26.391	
28.954	1.017	14.774							
11/12/2016 8:30:00 PM	253800.000	116.699	19.236	265.992	34520.664	38791.047	24.914	26.378	
28.968	1.017	14.782							
11/12/2016 8:45:00 PM	254700.000	116.694	19.237	265.982	34547.996	38821.539	24.936	26.399	
28.945	1.017	14.782							
11/12/2016 9:00:00 PM	255600.000	116.700	19.237	265.996	34530.055	38801.090	24.921	26.385	
28.960	1.017	14.783							
11/12/2016 9:15:00 PM	256500.000	116.709	19.236	266.016	34533.254	38805.121	24.924	26.387	
28.958	1.017	14.783							
11/12/2016 9:30:00 PM	257400.000	116.708	19.236	266.014	34557.039	38831.777	24.943	26.406	
28.938	1.017	14.784							
11/12/2016 9:45:00 PM	258300.000	116.712	19.236	266.024	34528.207	38799.813	24.920	26.384	
28.962	1.017	14.790							
11/12/2016 10:00:00 PM	259200.000	116.719	19.236	266.038	34536.469	38808.809	24.927	26.390	
28.955	1.017	14.788							
11/12/2016 10:15:00 PM	260100.000	116.713	19.236	266.026	34521.051	38791.336	24.914	26.378	
28.968	1.017	14.797							
11/12/2016 10:30:00 PM	261000.000	116.718	19.236	266.035	34543.398	38816.449	24.932	26.395	
28.949	1.017	14.797							
11/12/2016 10:45:00 PM	261900.000	116.717	19.237	266.033	34545.512	38818.387	24.934	26.397	
28.947	1.017	14.798							
11/12/2016 11:00:00 PM	262800.000	116.723	19.236	266.047	34530.160	38801.574	24.922	26.385	
28.960	1.017	14.801							
11/12/2016 11:15:00 PM	263700.000	116.721	19.236	266.044	34537.500	38809.891	24.928	26.391	
28.954	1.017	14.793							
11/12/2016 11:30:00 PM	264600.000	116.729	19.236	266.061	34550.332	38824.242	24.938	26.400	
28.943	1.017	14.795							
11/12/2016 11:45:00 PM	265500.000	116.720	19.237	266.042	34527.395	38798.313	24.919	26.383	
28.963	1.017	14.801							
11/13/2016 12:00:00 AM	266400.000	116.730	19.236	266.064	34518.520	38788.492	24.912	26.376	
28.970	1.017	14.792							
11/13/2016 12:15:00 AM	267300.000	116.725	19.237	266.051	34548.898	38822.266	24.936	26.399	
28.944	1.017	14.794							
11/13/2016 12:30:00 AM	268200.000	116.722	19.236	266.045	34535.914	38808.109	24.926	26.390	
28.955	1.017	14.793							
11/13/2016 12:45:00 AM	269100.000	116.720	19.236	266.040	34541.352	38814.297	24.931	26.394	
28.951	1.017	14.795							
11/13/2016 1:00:00 AM	270000.000	116.718	19.237	266.037	34529.867	38800.660	24.921	26.384	
28.960	1.017	14.792							
11/13/2016 1:15:00 AM	270900.000	116.713	19.236	266.025	34539.141	38812.098	24.929	26.392	
28.953	1.017	14.792							
11/13/2016 1:30:00 AM	271800.000	116.702	19.236	265.999	34537.297	38810.395	24.928	26.391	
28.954	1.017	14.795							
11/13/2016 1:45:00 AM	272700.000	116.692	19.237	265.976	34539.012	38811.297	24.929	26.392	
28.953	1.017	14.799							
11/13/2016 2:00:00 AM	273600.000	116.679	19.236	265.947	34537.227	38809.660	24.927	26.391	
28.954	1.017	14.799							
11/13/2016 2:15:00 AM	274500.000	116.703	19.236	266.002	34524.406	38795.109	24.917	26.381	
28.965	1.017	14.794							
11/13/2016 2:30:00 AM	275400.000	116.695	19.236	265.984	34542.551	38815.930	24.932	26.395	
28.950	1.017	14.796							
11/13/2016 2:45:00 AM	276300.000	116.675	19.235	265.939	34530.762	38803.121	24.923	26.386	
28.960	1.017	14.801							
11/13/2016 3:00:00 AM	277200.000	116.682	19.237	265.953	34521.910	38792.148	24.915	26.379	
28.967	1.017	14.796							
11/13/2016 3:15:00 AM	278100.000	116.674	19.237	265.936	34523.434	38793.863	24.916	26.380	
28.966	1.017	14.796							
11/13/2016 3:30:00 AM	279000.000	116.680	19.236	265.950	34534.988	38807.430	24.926	26.389	
28.956	1.017	14.790							
11/13/2016 3:45:00 AM	279900.000	116.675	19.236	265.938	34520.223	38790.914	24.914	26.378	
28.969	1.017	14.795							
11/13/2016 4:00:00 AM	280800.000	116.683	19.237	265.957	34535.281	38807.105	24.926	26.389	
28.956	1.017	14.788							
11/13/2016 4:15:00 AM	281700.000	116.674	19.236	265.935	34550.188	38824.301	24.938	26.401	
28.943	1.017	14.791							
11/13/2016 4:30:00 AM	282600.000	116.670	19.236	265.928	34531.191	38802.879	24.923	26.386	
28.959	1.017	14.793							
11/13/2016 4:45:00 AM	283500.000	116.674	19.236	265.935	34544.910	38818.656	24.934	26.397	
28.948	1.017	14.796							
11/13/2016 5:00:00 AM	284400.000	116.684	19.236	265.958	34535.023	38807.039	24.926	26.389	
28.956	1.017	14.797							
11/13/2016 5:15:00 AM	285300.000	116.678	19.236	265.946	34532.547	38804.832	24.924	26.387	
28.958	1.017	14.798							
11/13/2016 5:30:00 AM	286200.000	116.694	19.236	265.981	34540.398	38813.371	24.930	26.393	
28.952	1.017	14.792							
11/13/2016 5:45:00 AM	287100.000	116.692	19.237	265.977	34534.980	38806.703	24.925	26.389	
28.956	1.017	14.796							
11/13/2016 6:00:00 AM	288000.000	116.703	19.237	266.001	34547.234	38820.684	24.935	26.398	
28.946	1.017	14.801							
11/13/2016 6:15:00 AM	288900.000	116.705	19.237	266.007	34543.645	38816.648	24.932	26.395	
28.949	1.017	14.800							
11/13/2016 6:30:00 AM	289800.000	116.708	19.238	266.013	34543.547	38815.738	24.932	26.395	
28.949	1.017	14.803							
11/13/2016 6:45:00 AM	290700.000	116.717	19.236	266.033	34533.148	38805.078	24.924	26.387	
28.958	1.017	14.805							
11/13/2016 7:00:00 AM	291600.000	116.720	19.236	266.041	34537.281	38810.008	24.928	26.391	
28.954	1.017	14.810							
11/13/2016 7:15:00 AM	292500.000	116.735	19.237	266.076	34559.938	38834.523	24.945	26.407	
28.935	1.017	14.807							
11/13/2016 7:30:00 AM	293400.000	116.737	19.237	266.080	34545.117	38818.094	24.933	26.396	
28.948	1.017	14.818							
11/13/2016 7:45:00 AM	294300.000	116.751	19.236	266.112	34526.469	38797.648	24.919	26.382	
28.963	1.017	14.813							
11/13/2016 8:00:00 AM	295200.000	116.760	19.236	266.133	34532.676	38804.473	24.924	26.387	
28.958	1.017	14.811							
11/13/2016 8:15:00 AM	296100.000	116.765	19.236	266.144	34545.625	38819.172	24.934	26.397	
28.947	1.017	14.820							
11/13/2016 8:30:00 AM	297000.000	116.777	19.237	266.172	34563.184	38838.172	24.948	26.410	
28.933	1.017	14.811							
11/13/2016 8:45:00 AM	297900.000	116.782	19.238	266.182	34529.605	38799.793	24.920	26.384	
28.961	1.017	14.818							
11/13/2016 9:00:00 AM	298800.000	116.803	19.236	266.230	34543.668	38816.824	24.932	26.395	
28.949	1.017	14.816							
11/13/2016 9:15:00 AM	299700.000	116.806	19.237	266.236	34533.270	38804.844	24.924	26.387	
28.958	1.017	14.813							
11/13/2016 9:30:00 AM	300600.000	116.813	19.237	266.252	34505.051	38773.074	24.901	26.366	
28.981	1.017	14.813							
11/13/2016 9:45:00 AM	301500.000	116.823	19.236	266.277	34542.965	38815.961	24.932	26.395	
28.949	1.017	14.815							
11/13/2016 10:00:00 AM	302400.000	116.814	19.237	266.256	34530.020	38801.340	24.921	26.385	
28.960	1.017	14.824							
11/13/2016 10:15:00 AM	303300.000	116.835	19.236	266.304	34559.746	38834.965	24.945	26.408	
28.935	1.017	14.810							
11/13/2016 10:30:00 AM	304200.000	116.838	19.237	266.310	34526.898	38797.109	24.919	26.382	
28.963	1.017	14.816							
11/13/2016 10:45:00 AM	305100.000	116.835	19.237	266.302	34528.543	38798.957	24.920	26.383	
28.962	1.017	14.817							
11/13/2016 11:00:00 AM	306000.000	116.850	19.236	266.337	34529.297	38800.895	24.921	26.385	
28.961	1.017	14.812							
11/13/2016 11:15:00 AM	306900.000	116.831	19.237	266.294	34518.281	38787.863	24.912	26.376	

28.970	1.017	14.816						
11/13/2016 11:30:00 AM	307800.000	116.839	19.237	266.313	34538.613	38810.996	24.928	26.391
28.953	1.017	14.811						
11/13/2016 11:45:00 AM	308700.000	116.855	19.235	266.349	34544.215	38818.238	24.933	26.396
28.948	1.017	14.810						
11/13/2016 12:00:00 PM	309600.000	116.853	19.236	266.344	34526.938	38798.172	24.919	26.383
28.963	1.017	14.804						
11/13/2016 12:15:00 PM	310500.000	116.849	19.237	266.335	34525.309	38795.898	24.918	26.381
28.964	1.017	14.799						
11/13/2016 12:30:00 PM	311400.000	116.832	19.236	266.297	34520.801	38791.414	24.914	26.378
28.968	1.017	14.803						
11/13/2016 12:45:00 PM	312300.000	116.838	19.237	266.311	34545.207	38818.328	24.934	26.396
28.948	1.017	14.805						
11/13/2016 1:00:00 PM	313200.000	116.831	19.236	266.295	34578.320	38855.691	24.960	26.422
28.920	1.017	14.802						
11/13/2016 1:15:00 PM	314100.000	116.807	19.236	266.240	34544.512	38818.348	24.934	26.396
28.948	1.017	14.805						
11/13/2016 1:30:00 PM	315000.000	116.806	19.236	266.237	34539.348	38811.969	24.929	26.392
28.952	1.017	14.803						
11/13/2016 1:45:00 PM	315900.000	116.803	19.236	266.231	34543.426	38816.773	24.932	26.395
28.949	1.017	14.796						
11/13/2016 2:00:00 PM	316800.000	116.784	19.236	266.188	34533.434	38805.324	24.924	26.388
28.957	1.017	14.801						
11/13/2016 2:15:00 PM	317700.000	116.788	19.236	266.196	34538.887	38811.602	24.929	26.392
28.953	1.017	14.797						
11/13/2016 2:30:00 PM	318600.000	116.767	19.236	266.149	34526.672	38797.945	24.919	26.383
28.963	1.017	14.800						
11/13/2016 2:45:00 PM	319500.000	116.764	19.236	266.142	34517.035	38787.402	24.912	26.375
28.971	1.017	14.795						
11/13/2016 3:00:00 PM	320400.000	116.757	19.237	266.125	34547.363	38820.465	24.935	26.398
28.946	1.017	14.802						
11/13/2016 3:15:00 PM	321300.000	116.736	19.236	266.078	34560.547	38836.227	24.946	26.409
28.935	1.017	14.801						
11/13/2016 3:30:00 PM	322200.000	116.723	19.236	266.048	34537.453	38810.125	24.928	26.391
28.954	1.017	14.802						
11/13/2016 3:45:00 PM	323100.000	116.709	19.236	266.016	34541.641	38814.543	24.931	26.394
28.951	1.017	14.805						
11/13/2016 4:00:00 PM	324000.000	116.709	19.236	266.016	34531.863	38803.996	24.923	26.387
28.959	1.017	14.801						
11/13/2016 4:15:00 PM	324900.000	116.700	19.237	265.996	34521.633	38791.770	24.915	26.378
28.967	1.017	14.803						
11/13/2016 4:30:00 PM	325800.000	116.693	19.236	265.979	34515.535	38785.211	24.910	26.374
28.972	1.017	14.801						
11/13/2016 4:45:00 PM	326700.000	116.683	19.236	265.957	34516.176	38786.438	24.911	26.375
28.972	1.017	14.807						
11/13/2016 5:00:00 PM	327600.000	116.672	19.236	265.932	34535.066	38807.734	24.926	26.389
28.956	1.017	14.801						
11/13/2016 5:15:00 PM	328500.000	116.668	19.236	265.923	34533.094	38805.520	24.924	26.388
28.958	1.017	14.803						
11/13/2016 5:30:00 PM	329400.000	116.665	19.236	265.915	34515.137	38785.492	24.910	26.374
28.973	1.017	14.802						
11/13/2016 5:45:00 PM	330300.000	116.656	19.236	265.895	34539.930	38812.551	24.929	26.393
28.952	1.017	14.808						
11/13/2016 6:00:00 PM	331200.000	116.663	19.235	265.911	34515.938	38786.602	24.911	26.375
28.972	1.017	14.800						
11/13/2016 6:15:00 PM	332100.000	116.644	19.237	265.867	34519.809	38789.863	24.913	26.377
28.969	1.017	14.806						
11/13/2016 6:30:00 PM	333000.000	116.649	19.236	265.878	34528.086	38799.891	24.920	26.384
28.962	1.017	14.805						
11/13/2016 6:45:00 PM	333900.000	116.652	19.237	265.885	34529.797	38801.012	24.921	26.385
28.960	1.017	14.809						
11/13/2016 7:00:00 PM	334800.000	116.651	19.236	265.883	34508.809	38778.086	24.905	26.369
28.978	1.017	14.809						
11/13/2016 7:15:00 PM	335700.000	116.638	19.237	265.854	34545.852	38818.695	24.934	26.397
28.947	1.017	14.818						
11/13/2016 7:30:00 PM	336600.000	116.649	19.237	265.878	34509.324	38777.938	24.905	26.369
28.978	1.017	14.815						
11/13/2016 7:45:00 PM	337500.000	116.660	19.236	265.904	34527.535	38798.980	24.920	26.383
28.962	1.017	14.814						
11/13/2016 8:00:00 PM	338400.000	116.662	19.237	265.910	34536.227	38808.168	24.926	26.390
28.955	1.017	14.812						
11/13/2016 8:15:00 PM	339300.000	116.663	19.237	265.911	34507.934	38776.520	24.904	26.368
28.979	1.017	14.813						
11/13/2016 8:30:00 PM	340200.000	116.675	19.237	265.938	34547.180	38820.477	24.935	26.398
28.946	1.017	14.811						
11/13/2016 8:45:00 PM	341100.000	116.675	19.237	265.939	34537.074	38809.266	24.927	26.390
28.954	1.017	14.810						
11/13/2016 9:00:00 PM	342000.000	116.682	19.236	265.954	34532.805	38805.051	24.924	26.387
28.958	1.017	14.813						
11/13/2016 9:15:00 PM	342900.000	116.688	19.237	265.967	34544.492	38817.238	24.933	26.396
28.948	1.017	14.817						
11/13/2016 9:30:00 PM	343800.000	116.697	19.237	265.988	34532.578	38803.852	24.923	26.387
28.958	1.017	14.818						
11/13/2016 9:45:00 PM	344700.000	116.703	19.237	266.003	34553.098	38827.063	24.940	26.402
28.941	1.017	14.813						
11/13/2016 10:00:00 PM	345600.000	116.712	19.237	266.023	34529.176	38800.184	24.921	26.384
28.961	1.017	14.817						
11/13/2016 10:15:00 PM	346500.000	116.718	19.237	266.037	34534.887	38806.730	24.925	26.389
28.956	1.017	14.822						
11/13/2016 10:30:00 PM	347400.000	116.720	19.237	266.041	34528.652	38799.594	24.920	26.384
28.961	1.017	14.819						
11/13/2016 10:45:00 PM	348300.000	116.721	19.237	266.044	34521.340	38791.375	24.914	26.378
28.968	1.017	14.818						
11/13/2016 11:00:00 PM	349200.000	116.726	19.237	266.055	34512.336	38780.961	24.907	26.371
28.975	1.017	14.819						
11/13/2016 11:15:00 PM	350100.000	116.738	19.237	266.082	34526.043	38796.723	24.918	26.382
28.964	1.017	14.818						
11/13/2016 11:30:00 PM	351000.000	116.749	19.237	266.107	34517.871	38787.543	24.912	26.376
28.971	1.017	14.823						
11/13/2016 11:45:00 PM	351900.000	116.755	19.237	266.122	34528.988	38799.895	24.920	26.384
28.961	1.017	14.815						
11/14/2016 12:00:00 AM	352800.000	116.755	19.236	266.122	34520.121	38790.516	24.914	26.378
28.969	1.017	14.821						
11/14/2016 12:15:00 AM	353700.000	116.754	19.237	266.118	34525.555	38795.734	24.918	26.381
28.964	1.017	14.814						
11/14/2016 12:30:00 AM	354600.000	116.757	19.236	266.124	34529.996	38801.965	24.922	26.385
28.960	1.017	14.817						
11/14/2016 12:45:00 AM	355500.000	116.757	19.237	266.124	34535.199	38807.082	24.926	26.389
28.956	1.017	14.815						
11/14/2016 1:00:00 AM	356400.000	116.750	19.236	266.109	34537.984	38810.438	24.928	26.391
28.954	1.017	14.816						
11/14/2016 1:15:00 AM	357300.000	116.759	19.237	266.129	34529.121	38800.254	24.921	26.384
28.961	1.017	14.815						
11/14/2016 1:30:00 AM	358200.000	116.755	19.237	266.120	34546.004	38818.715	24.934	26.397
28.947	1.017	14.813						
11/14/2016 1:45:00 AM	359100.000	116.758	19.237	266.127	34514.344	38783.723	24.909	26.373
28.973	1.017	14.814						
11/14/2016 2:00:00 AM	360000.000	116.757	19.236	266.126	34546.180	38819.867	24.935	26.398
28.947	1.017	14.818						
11/14/2016 2:15:00 AM	360900.000	116.746	19.236	266.101	34510.457	38779.504	24.906	26.370
28.977	1.017	14.816						
11/14/2016 2:30:00 AM	361800.000	116.764	19.237	266.141	34528.512	38798.922	24.920	26.383
28.962	1.017	14.808						
11/14/2016 2:45:00 AM	362700.000	116.744	19.236	266.095	34536.523	38808.723	24.927	26.390
28.955	1.017	14.815						
11/14/2016 3:00:00 AM	363600.000	116.751	19.237	266.111	34545.055	38817.727	24.933	26.396
28.948	1.017	14.813						
11/14/2016 3:15:00 AM	364500.000	116.757	19.236	266.126	34532.242	38804.059	24.923	26.387
28.958	1.017	14.809						
11/14/2016 3:30:00 AM	365400.000	116.753	19.236	266.117	34517.199	38787.230	24.911	26.375
28.971	1.017	14.809						
11/14/2016 3:45:00 AM	366300.000	116.753	19.236	266.115	34541.473	38814.641	24.931	26.394
28.951	1.017	14.811						

11/14/2016 4:00:00 AM	367200.000	116.748	19.237	266.104	34562.402	38837.727	24.947	26.410	28.933
1.017	14.813								
11/14/2016 4:15:00 AM	368100.000	116.750	19.236	266.110	34550.500	38824.430	24.938	26.401	28.943
1.017	14.809								
11/14/2016 4:30:00 AM	369000.000	116.747	19.237	266.102	34543.605	38816.605	24.932	26.395	28.949
1.017	14.813								
11/14/2016 4:45:00 AM	369900.000	116.744	19.237	266.096	34525.840	38796.355	24.918	26.382	28.964
1.017	14.810								
11/14/2016 5:00:00 AM	370800.000	116.749	19.236	266.107	34511.711	38781.348	24.907	26.371	28.976
1.017	14.811								
11/14/2016 5:15:00 AM	371700.000	116.749	19.237	266.107	34533.406	38805.066	24.924	26.387	28.957
1.017	14.810								
11/14/2016 5:30:00 AM	372600.000	116.754	19.237	266.119	34535.398	38807.098	24.926	26.389	28.956
1.017	14.808								
11/14/2016 5:45:00 AM	373500.000	116.755	19.237	266.120	34537.098	38808.707	24.927	26.390	28.954
1.017	14.812								
11/14/2016 6:00:00 AM	374400.000	116.767	19.237	266.147	34521.832	38792.137	24.915	26.379	28.967
1.017	14.808								
11/14/2016 6:15:00 AM	375300.000	116.799	19.237	266.221	34533.512	38805.188	24.924	26.388	28.957
1.017	14.811								
11/14/2016 6:30:00 AM	376200.000	116.777	19.236	266.172	34552.824	38827.473	24.940	26.403	28.941
1.017	14.808								
11/14/2016 6:45:00 AM	377100.000	116.780	19.236	266.178	34539.148	38811.676	24.929	26.392	28.953
1.017	14.808								
11/14/2016 7:00:00 AM	378000.000	116.789	19.237	266.199	34547.277	38820.371	24.935	26.398	28.946
1.017	14.815								
11/14/2016 7:15:00 AM	378900.000	116.797	19.237	266.217	34532.531	38803.730	24.923	26.387	28.958
1.017	14.821								
11/14/2016 7:30:00 AM	379800.000	116.813	19.237	266.253	34557.023	38831.395	24.943	26.405	28.938
1.017	14.814								
11/14/2016 7:45:00 AM	380700.000	116.824	19.237	266.277	34531.922	38802.891	24.923	26.386	28.959
1.017	14.822								
11/14/2016 8:00:00 AM	381600.000	116.826	19.238	266.284	34543.797	38815.945	24.932	26.395	28.949
1.017	14.825								
11/14/2016 8:15:00 AM	382500.000	116.831	19.237	266.293	34531.098	38802.551	24.922	26.386	28.959
1.017	14.818								
11/14/2016 8:30:00 AM	383400.000	116.851	19.237	266.340	34502.527	38770.301	24.899	26.364	28.983
1.017	14.825								
11/14/2016 8:45:00 AM	384300.000	116.868	19.237	266.378	34542.535	38814.969	24.931	26.394	28.950
1.017	14.819								
11/14/2016 9:00:00 AM	385200.000	116.869	19.237	266.380	34544.539	38817.293	24.933	26.396	28.948
1.017	14.828								
11/14/2016 9:15:00 AM	386100.000	116.887	19.238	266.422	34534.566	38805.648	24.925	26.388	28.956
1.017	14.824								
11/14/2016 9:30:00 AM	387000.000	116.897	19.237	266.445	34570.188	38846.043	24.953	26.415	28.927
1.017	14.824								
11/14/2016 9:45:00 AM	387900.000	116.898	19.238	266.446	34534.086	38805.105	24.924	26.387	28.957
1.017	14.827								
11/14/2016 10:00:00 AM	388800.000	116.912	19.237	266.478	34551.559	38825.254	24.938	26.401	28.942
1.017	14.814								
11/14/2016 10:15:00 AM	389700.000	116.917	19.237	266.489	34522.859	38792.859	24.915	26.379	28.966
1.017	14.815								
11/14/2016 10:30:00 AM	390600.000	116.932	19.237	266.524	34550.824	38824.641	24.938	26.401	28.943
1.017	14.818								
11/14/2016 10:45:00 AM	391500.000	116.926	19.238	266.510	34554.230	38827.668	24.940	26.403	28.940
1.017	14.820								
11/14/2016 11:00:00 AM	392400.000	116.939	19.236	266.540	34543.469	38816.527	24.932	26.395	28.949
1.017	14.812								
11/14/2016 11:15:00 AM	393300.000	116.948	19.237	266.560	34526.852	38797.270	24.919	26.382	28.963
1.017	14.813								
11/14/2016 11:30:00 AM	394200.000	116.952	19.237	266.570	34559.898	38834.914	24.945	26.408	28.935
1.017	14.809								
11/14/2016 11:45:00 AM	395100.000	116.954	19.237	266.574	34541.016	38813.332	24.930	26.393	28.951
1.017	14.805								
11/14/2016 12:00:00 PM	396000.000	116.942	19.237	266.548	34537.484	38809.141	24.927	26.390	28.954
1.017	14.804								
11/14/2016 12:15:00 PM	396900.000	116.941	19.237	266.545	34547.922	38820.871	24.935	26.398	28.945
1.017	14.803								
11/14/2016 12:30:00 PM	397800.000	116.952	19.237	266.569	34531.609	38803.051	24.923	26.386	28.959
1.017	14.798								
11/14/2016 12:45:00 PM	398700.000	116.953	19.237	266.573	34535.355	38806.973	24.925	26.389	28.956
1.017	14.798								
11/14/2016 1:00:00 PM	399600.000	116.944	19.236	266.552	34543.078	38816.234	24.932	26.395	28.949
1.017	14.796								
11/14/2016 1:15:00 PM	400500.000	116.929	19.237	266.517	34535.738	38807.688	24.926	26.389	28.956
1.017	14.799								
11/14/2016 1:30:00 PM	401400.000	116.921	19.237	266.499	34532.164	38803.672	24.923	26.386	28.959
1.017	14.797								
11/14/2016 1:45:00 PM	402300.000	116.920	19.237	266.498	34520.145	38790.098	24.913	26.377	28.969
1.017	14.796								
11/14/2016 2:00:00 PM	403200.000	116.919	19.236	266.496	34529.160	38800.957	24.921	26.385	28.961
1.017	14.788								
11/14/2016 2:15:00 PM	404100.000	116.907	19.236	266.466	34555.605	38830.313	24.942	26.405	28.939
1.017	14.793								
11/14/2016 2:30:00 PM	405000.000	116.890	19.237	266.427	34524.035	38794.406	24.917	26.380	28.965
1.017	14.790								
11/14/2016 2:45:00 PM	405900.000	116.884	19.236	266.415	34528.012	38799.230	24.920	26.383	28.962
1.017	14.795								
11/14/2016 3:00:00 PM	406800.000	116.873	19.236	266.391	34545.043	38819.098	24.934	26.397	28.948
1.017	14.794								
11/14/2016 3:15:00 PM	407700.000	116.848	19.236	266.332	34525.871	38797.402	24.919	26.382	28.964
1.017	14.796								
11/14/2016 3:30:00 PM	408600.000	116.851	19.236	266.339	34536.266	38808.656	24.927	26.390	28.955
1.017	14.795								
11/14/2016 3:45:00 PM	409500.000	116.830	19.237	266.292	34514.613	38783.879	24.909	26.373	28.973
1.017	14.797								
11/14/2016 4:00:00 PM	410400.000	116.811	19.236	266.247	34533.047	38805.617	24.924	26.388	28.958
1.017	14.794								
11/14/2016 4:15:00 PM	411300.000	116.807	19.236	266.240	34520.602	38791.055	24.914	26.378	28.968
1.017	14.799								
11/14/2016 4:30:00 PM	412200.000	116.795	19.235	266.211	34528.922	38801.195	24.921	26.385	28.961
1.017	14.801								
11/14/2016 4:45:00 PM	413100.000	116.775	19.236	266.165	34537.250	38809.898	24.928	26.391	28.954
1.017	14.800								
11/14/2016 5:00:00 PM	414000.000	116.770	19.236	266.156	34517.344	38787.750	24.912	26.376	28.971
1.017	14.796								
11/14/2016 5:15:00 PM	414900.000	116.753	19.236	266.116	34534.055	38806.305	24.925	26.388	28.957
1.017	14.799								
11/14/2016 5:30:00 PM	415800.000	116.751	19.236	266.112	34521.824	38792.430	24.915	26.379	28.967
1.017	14.796								
11/14/2016 5:45:00 PM	416700.000	116.734	19.236	266.072	34554.406	38829.176	24.941	26.404	28.940
1.017	14.795								
11/14/2016 6:00:00 PM	417600.000	116.721	19.236	266.043	34510.398	38780.016	24.906	26.370	28.977
1.017	14.800								
11/14/2016 6:15:00 PM	418500.000	116.710	19.236	266.019	34531.824	38803.590	24.923	26.386	28.959
1.017	14.806								
11/14/2016 6:30:00 PM	419400.000	116.712	19.236	266.023	34525.945	38797.270	24.919	26.382	28.964
1.017	14.802								
11/14/2016 6:45:00 PM	420300.000	116.699	19.236	265.993	34528.750	38800.137	24.921	26.384	28.961
1.017	14.805								
11/14/2016 7:00:00 PM	421200.000	116.708	19.236	266.013	34512.289	38781.922	24.908	26.372	28.975
1.017	14.797								
11/14/2016 7:15:00 PM	422100.000	116.702	19.236	266.001	34541.328	38814.926	24.931	26.394	28.951
1.017	14.798								
11/14/2016 7:30:00 PM	423000.000	116.687	19.236	265.966	34512.191	38781.813	24.908	26.372	28.975
1.017	14.803								
11/14/2016 7:45:00 PM	423900.000	116.730	19.236	266.064	34517.281	38787.102	24.911	26.375	28.971
1.017	14.802								
11/14/2016 8:00:00 PM	424800.000	116.686	19.236	265.963	34513.918	38783.543	24.909	26.373	28.974
1.017	14.800								
11/14/2016 8:15:00 PM	425700.000	116.697	19.236	265.988	34502.828	38771.293	24.900	26.364	28.983
1.017	14.797								
11/14/2016 8:30:00 PM	426600.000	116.690	19.237	265.973	34528.875	38799.398	24.920	26.384	

28.961	1.017	14.797						
11/14/2016 8:45:00 PM	427500.000	116.693	19.237	265.978	34513.875	38783.195	24.909	26.373
28.974	1.017	14.802						
11/14/2016 9:00:00 PM	428400.000	116.704	19.236	266.004	34531.746	38803.500	24.923	26.386
28.959	1.017	14.798						
11/14/2016 9:15:00 PM	429300.000	116.701	19.236	265.998	34530.547	38802.301	24.922	26.386
28.960	1.017	14.806						
11/14/2016 9:30:00 PM	430200.000	116.695	19.236	265.985	34513.434	38782.848	24.908	26.372
28.974	1.017	14.800						
11/14/2016 9:45:00 PM	431100.000	116.707	19.236	266.012	34530.613	38802.590	24.922	26.386
28.960	1.017	14.798						
11/14/2016 10:00:00 PM	432000.000	116.715	19.238	266.030	34525.813	38795.449	24.917	26.381
28.964	1.017	14.803						
11/14/2016 10:15:00 PM	432900.000	116.710	19.237	266.017	34529.703	38800.773	24.921	26.385
28.961	1.017	14.801						
11/14/2016 10:30:00 PM	433800.000	116.716	19.235	266.032	34543.070	38816.953	24.933	26.396
28.949	1.017	14.799						
11/14/2016 10:45:00 PM	434700.000	116.722	19.236	266.045	34559.301	38834.391	24.945	26.407
28.936	1.017	14.800						
11/14/2016 11:00:00 PM	435600.000	116.734	19.236	266.074	34544.445	38818.203	24.933	26.396
28.948	1.017	14.795						
11/14/2016 11:15:00 PM	436500.000	116.737	19.236	266.081	34554.492	38829.273	24.941	26.404
28.940	1.017	14.802						
11/14/2016 11:30:00 PM	437400.000	116.733	19.237	266.070	34521.930	38791.742	24.915	26.378
28.967	1.017	14.805						
11/14/2016 11:45:00 PM	438300.000	116.749	19.237	266.106	34531.281	38802.754	24.922	26.386
28.959	1.017	14.799						
11/15/2016 12:00:00 AM	439200.000	116.742	19.236	266.090	34539.691	38812.504	24.929	26.393
28.952	1.017	14.801						
11/15/2016 12:15:00 AM	440100.000	116.753	19.237	266.116	34531.258	38802.078	24.922	26.385
28.959	1.017	14.800						
11/15/2016 12:30:00 AM	441000.000	116.763	19.236	266.138	34528.277	38799.457	24.920	26.384
28.962	1.017	14.801						
11/15/2016 12:45:00 AM	441900.000	116.758	19.236	266.128	34504.391	38773.047	24.901	26.366
28.982	1.017	14.799						
11/15/2016 1:00:00 AM	442800.000	116.769	19.236	266.153	34537.180	38809.969	24.928	26.391
28.954	1.017	14.797						
11/15/2016 1:15:00 AM	443700.000	116.757	19.236	266.125	34548.102	38822.465	24.936	26.399
28.945	1.017	14.802						
11/15/2016 1:30:00 AM	444600.000	116.753	19.237	266.115	34560.668	38835.633	24.946	26.408
28.935	1.017	14.806						
11/15/2016 1:45:00 AM	445500.000	116.764	19.237	266.140	34530.238	38801.438	24.922	26.385
28.960	1.017	14.802						
11/15/2016 2:00:00 AM	446400.000	116.764	19.236	266.141	34542.828	38816.102	24.932	26.395
28.950	1.017	14.804						
11/15/2016 2:15:00 AM	447300.000	116.771	19.236	266.157	34561.590	38836.961	24.947	26.409
28.934	1.017	14.796						
11/15/2016 2:30:00 AM	448200.000	116.769	19.236	266.152	34525.918	38796.879	24.918	26.382
28.964	1.017	14.801						
11/15/2016 2:45:00 AM	449100.000	116.759	19.236	266.131	34551.840	38826.227	24.939	26.402
28.942	1.017	14.807						
11/15/2016 3:00:00 AM	450000.000	116.750	19.237	266.110	34539.262	38811.215	24.929	26.392
28.953	1.017	14.804						
11/15/2016 3:15:00 AM	450900.000	116.757	19.236	266.125	34544.313	38817.984	24.933	26.396
28.948	1.017	14.802						
11/15/2016 3:30:00 AM	451800.000	116.750	19.236	266.109	34520.125	38790.297	24.914	26.377
28.969	1.017	14.807						
11/15/2016 3:45:00 AM	452700.000	116.761	19.236	266.133	34533.727	38805.652	24.925	26.388
28.957	1.017	14.795						
11/15/2016 4:00:00 AM	453600.000	116.749	19.237	266.107	34540.934	38813.602	24.930	26.393
28.951	1.017	14.797						
11/15/2016 4:15:00 AM	454500.000	116.754	19.235	266.118	34532.305	38805.141	24.924	26.387
28.958	1.017	14.799						
11/15/2016 4:30:00 AM	455400.000	116.758	19.237	266.128	34561.629	38836.570	24.947	26.409
28.934	1.017	14.798						
11/15/2016 4:45:00 AM	456300.000	116.748	19.236	266.105	34520.484	38790.848	24.914	26.378
28.968	1.017	14.799						
11/15/2016 5:00:00 AM	457200.000	116.740	19.237	266.087	34548.617	38821.949	24.936	26.399
28.945	1.017	14.801						
11/15/2016 5:15:00 AM	458100.000	116.753	19.237	266.115	34516.910	38786.605	24.911	26.375
28.971	1.017	14.795						
11/15/2016 5:30:00 AM	459000.000	116.740	19.237	266.087	34515.219	38784.563	24.910	26.374
28.973	1.017	14.799						
11/15/2016 5:45:00 AM	459900.000	116.742	19.236	266.091	34529.223	38800.590	24.921	26.384
28.961	1.017	14.801						
11/15/2016 6:00:00 AM	460800.000	116.755	19.236	266.121	34531.336	38803.402	24.923	26.386
28.959	1.017	14.795						
11/15/2016 6:15:00 AM	461700.000	116.759	19.236	266.131	34549.207	38822.977	24.937	26.400
28.944	1.017	14.800						
11/15/2016 6:30:00 AM	462600.000	116.767	19.237	266.148	34542.191	38814.730	24.931	26.394
28.950	1.017	14.800						
11/15/2016 6:45:00 AM	463500.000	116.763	19.237	266.139	34536.121	38807.609	24.926	26.389
28.955	1.017	14.800						
11/15/2016 7:00:00 AM	464400.000	116.761	19.237	266.134	34545.379	38818.453	24.934	26.397
28.947	1.017	14.798						
11/15/2016 7:15:00 AM	465300.000	116.777	19.237	266.171	34542.383	38814.871	24.931	26.394
28.950	1.017	14.795						
11/15/2016 7:30:00 AM	466200.000	116.778	19.237	266.173	34530.918	38802.203	24.922	26.385
28.960	1.017	14.798						
11/15/2016 7:45:00 AM	467100.000	116.788	19.237	266.196	34530.078	38801.117	24.921	26.385
28.960	1.017	14.793						
11/15/2016 8:00:00 AM	468000.000	116.797	19.237	266.215	34513.496	38782.625	24.908	26.372
28.974	1.017	14.792						
11/15/2016 8:15:00 AM	468900.000	116.800	19.237	266.224	34522.336	38792.121	24.915	26.379
28.967	1.017	14.796						
11/15/2016 8:30:00 AM	469800.000	116.817	19.236	266.262	34534.590	38806.551	24.925	26.388
28.956	1.017	14.789						
11/15/2016 8:45:00 AM	470700.000	116.817	19.236	266.263	34520.758	38791.441	24.914	26.378
28.968	1.017	14.801						
11/15/2016 9:00:00 AM	471600.000	116.838	19.237	266.310	34555.012	38829.215	24.941	26.404
28.939	1.017	14.797						
11/15/2016 9:15:00 AM	472500.000	116.838	19.237	266.309	34554.094	38827.957	24.940	26.403
28.940	1.017	14.800						
11/15/2016 9:30:00 AM	473400.000	116.853	19.237	266.343	34532.996	38804.320	24.924	26.387
28.958	1.017	14.798						
11/15/2016 9:45:00 AM	474300.000	116.866	19.237	266.374	34530.047	38800.715	24.921	26.384
28.960	1.017	14.799						
11/15/2016 10:00:00 AM	475200.000	116.864	19.237	266.369	34512.816	38781.500	24.907	26.371
28.975	1.017	14.802						
11/15/2016 10:15:00 AM	476100.000	116.878	19.237	266.400	34555.313	38829.473	24.941	26.404
28.939	1.017	14.801						
11/15/2016 10:30:00 AM	477000.000	116.893	19.237	266.436	34534.270	38805.461	24.924	26.388
28.957	1.017	14.797						
11/15/2016 10:45:00 AM	477900.000	116.896	19.236	266.441	34515.031	38784.645	24.910	26.374
28.973	1.017	14.802						
11/15/2016 11:00:00 AM	478800.000	116.906	19.237	266.466	34517.836	38787.648	24.912	26.376
28.971	1.017	14.796						
11/15/2016 11:15:00 AM	479700.000	116.923	19.237	266.504	34527.527	38798.328	24.919	26.383
28.962	1.017	14.793						
11/15/2016 11:30:00 AM	480600.000	116.916	19.236	266.488	34561.641	38837.238	24.947	26.409
28.934	1.017	14.790						
11/15/2016 11:45:00 AM	481500.000	116.936	19.237	266.533	34532.078	38803.574	24.923	26.386
28.959	1.017	14.787						
11/15/2016 12:00:00 PM	482400.000	116.932	19.237	266.524	34551.500	38825.477	24.939	26.401
28.942	1.017	14.787						
11/15/2016 12:15:00 PM	483300.000	116.938	19.237	266.538	34543.543	38816.250	24.932	26.395
28.949	1.017	14.782						
11/15/2016 12:30:00 PM	484200.000	116.944	19.236	266.552	34532.027	38803.742	24.923	26.387
28.959	1.017	14.778						
11/15/2016 12:45:00 PM	485100.000	116.928	19.237	266.514	34535.961	38807.652	24.926	26.389
28.955	1.017	14.775						
11/15/2016 1:00:00 PM	486000.000	116.933	19.237	266.526	34517.469	38786.648	24.911	26.375
28.971	1.017	14.773						

11/15/2016 1:15:00 PM	486900.000	116.930	19.236	266.519	34537.492	38810.035	24.928	26.391	
28.954	1.017	14.768							
11/15/2016 1:30:00 PM	487800.000	116.935	19.237	266.530	34528.324	38799.227	24.920	26.383	
28.962	1.017	14.766							
11/15/2016 1:45:00 PM	488700.000	116.924	19.238	266.507	34535.008	38806.066	24.925	26.388	
28.956	1.017	14.768							
11/15/2016 2:00:00 PM	489600.000	116.915	19.236	266.484	34544.188	38817.336	24.933	26.396	
28.948	1.017	14.771							
11/15/2016 2:15:00 PM	490500.000	116.910	19.237	266.474	34520.781	38790.957	24.914	26.378	
28.968	1.017	14.762							
11/15/2016 2:30:00 PM	491400.000	116.896	19.237	266.443	34520.047	38789.926	24.913	26.377	
28.969	1.017	14.764							
11/15/2016 2:45:00 PM	492300.000	116.880	19.236	266.405	34528.188	38799.789	24.920	26.384	
28.962	1.017	14.764							
11/15/2016 3:00:00 PM	493200.000	116.872	19.236	266.388	34529.055	38800.621	24.921	26.384	
28.961	1.017	14.766							
11/15/2016 3:15:00 PM	494100.000	116.866	19.237	266.374	34522.656	38792.918	24.915	26.379	
28.966	1.017	14.759							
11/15/2016 3:30:00 PM	495000.000	116.856	19.236	266.350	34533.957	38806.063	24.925	26.388	
28.957	1.017	14.762							
11/15/2016 3:45:00 PM	495900.000	116.834	19.236	266.301	34524.832	38795.809	24.918	26.381	
28.965	1.017	14.763							
11/15/2016 4:00:00 PM	496800.000	116.823	19.236	266.276	34537.105	38809.957	24.928	26.391	
28.954	1.017	14.765							
11/15/2016 4:15:00 PM	497700.000	116.806	19.235	266.238	34500.500	38769.254	24.899	26.363	
28.985	1.017	14.767							
11/15/2016 4:30:00 PM	498600.000	116.797	19.236	266.216	34547.250	38820.922	24.935	26.398	
28.946	1.017	14.767							
11/15/2016 4:45:00 PM	499500.000	116.789	19.236	266.198	34522.059	38792.539	24.915	26.379	
28.967	1.017	14.765							
11/15/2016 5:00:00 PM	500400.000	116.785	19.236	266.190	34532.359	38804.191	24.923	26.387	
28.958	1.017	14.760							
11/15/2016 5:15:00 PM	501300.000	116.750	19.236	266.109	34526.688	38798.320	24.919	26.383	
28.963	1.017	14.769							
11/15/2016 5:30:00 PM	502200.000	116.735	19.236	266.076	34535.551	38808.277	24.926	26.390	
28.956	1.017	14.768							
11/15/2016 5:45:00 PM	503100.000	116.729	19.236	266.062	34530.070	38801.766	24.922	26.385	
28.960	1.017	14.766							
11/15/2016 6:00:00 PM	504000.000	116.752	19.236	266.113	34531.863	38803.488	24.923	26.386	
28.959	1.017	14.764							
11/15/2016 6:15:00 PM	504900.000	116.704	19.236	266.004	34503.406	38771.730	24.900	26.365	
28.983	1.017	14.769							
11/15/2016 6:30:00 PM	505800.000	116.699	19.236	265.993	34495.906	38763.375	24.894	26.359	
28.989	1.017	14.764							
11/15/2016 6:45:00 PM	506700.000	116.684	19.236	265.958	34514.023	38784.172	24.909	26.373	
28.974	1.017	14.772							
11/15/2016 7:00:00 PM	507600.000	116.674	19.235	265.936	34489.211	38756.430	24.890	26.354	
28.995	1.017	14.767							
11/15/2016 7:15:00 PM	508500.000	116.668	19.236	265.922	34514.535	38784.016	24.909	26.373	
28.973	1.017	14.771							
11/15/2016 7:30:00 PM	509400.000	116.661	19.236	265.907	34510.074	38779.734	24.906	26.370	
28.977	1.017	14.771							
11/15/2016 7:45:00 PM	510300.000	116.661	19.236	265.907	34501.594	38769.828	24.899	26.363	
28.984	1.017	14.768							
11/15/2016 8:00:00 PM	511200.000	116.663	19.236	265.912	34506.293	38775.332	24.903	26.367	
28.980	1.017	14.766							
11/15/2016 8:15:00 PM	512100.000	116.642	19.236	265.863	34511.531	38780.930	24.907	26.371	
28.976	1.017	14.775							
11/15/2016 8:30:00 PM	513000.000	116.637	19.236	265.852	34498.289	38765.762	24.896	26.361	
28.987	1.017	14.774							
11/15/2016 8:45:00 PM	513900.000	116.633	19.236	265.841	34509.109	38778.566	24.905	26.369	
28.978	1.017	14.779							
11/15/2016 9:00:00 PM	514800.000	116.643	19.236	265.866	34529.738	38801.246	24.921	26.385	
28.961	1.017	14.770							
11/15/2016 9:15:00 PM	515700.000	116.638	19.236	265.854	34534.434	38806.445	24.925	26.388	
28.957	1.017	14.782							
11/15/2016 9:30:00 PM	516600.000	116.646	19.236	265.872	34510.523	38780.238	24.906	26.371	
28.977	1.017	14.775							
11/15/2016 9:45:00 PM	517500.000	116.642	19.237	265.864	34517.176	38786.699	24.911	26.375	
28.971	1.017	14.781							
11/15/2016 10:00:00 PM	518400.000	116.644	19.235	265.867	34516.566	38787.383	24.912	26.375	
28.972	1.017	14.780							
11/15/2016 10:15:00 PM	519300.000	116.650	19.236	265.881	34526.863	38798.516	24.919	26.383	
28.963	1.017	14.783							
11/15/2016 10:30:00 PM	520200.000	116.652	19.236	265.886	34522.293	38793.309	24.916	26.379	
28.967	1.017	14.782							
11/15/2016 10:45:00 PM	521100.000	116.657	19.237	265.898	34509.988	38778.828	24.905	26.370	
28.977	1.017	14.786							
11/15/2016 11:00:00 PM	522000.000	116.660	19.237	265.904	34520.980	38791.105	24.914	26.378	
28.968	1.017	14.780							
11/15/2016 11:15:00 PM	522900.000	116.653	19.236	265.889	34515.730	38786.090	24.911	26.375	
28.972	1.017	14.788							
11/15/2016 11:30:00 PM	523800.000	116.685	19.236	265.962	34527.609	38799.063	24.920	26.383	
28.962	1.017	14.778							
11/15/2016 11:45:00 PM	524700.000	116.687	19.237	265.965	34553.426	38827.430	24.940	26.403	
28.941	1.017	14.783							
11/16/2016 12:00:00 AM	525600.000	116.686	19.236	265.964	34521.488	38791.828	24.915	26.378	
28.967	1.017	14.777							
11/16/2016 12:15:00 AM	526500.000	116.692	19.237	265.977	34528.738	38799.898	24.920	26.384	
28.961	1.017	14.780							
11/16/2016 12:30:00 AM	527400.000	116.692	19.237	265.976	34518.551	38788.375	24.912	26.376	
28.970	1.017	14.778							
11/16/2016 12:45:00 AM	528300.000	116.708	19.237	266.014	34533.277	38804.789	24.924	26.387	
28.958	1.017	14.780							
11/16/2016 1:00:00 AM	529200.000	116.705	19.237	266.008	34542.441	38815.012	24.931	26.394	
28.950	1.017	14.780							
11/16/2016 1:15:00 AM	530100.000	116.716	19.236	266.031	34533.766	38805.918	24.925	26.388	
28.957	1.017	14.779							
11/16/2016 1:30:00 AM	531000.000	116.720	19.236	266.040	34532.570	38804.715	24.924	26.387	
28.958	1.017	14.775							
11/16/2016 1:45:00 AM	531900.000	116.735	19.237	266.074	34520.996	38790.766	24.914	26.378	
28.968	1.017	14.772							
11/16/2016 2:00:00 AM	532800.000	116.727	19.236	266.058	34533.066	38805.063	24.924	26.387	
28.958	1.017	14.779							
11/16/2016 2:15:00 AM	533700.000	116.723	19.236	266.047	34549.008	38822.973	24.937	26.400	
28.944	1.017	14.779							
11/16/2016 2:30:00 AM	534600.000	116.729	19.236	266.061	34528.520	38799.730	24.920	26.384	
28.962	1.017	14.777							
11/16/2016 2:45:00 AM	535500.000	116.726	19.236	266.054	34528.379	38800.004	24.921	26.384	
28.962	1.017	14.774							
11/16/2016 3:00:00 AM	536400.000	116.735	19.237	266.076	34540.891	38813.410	24.930	26.393	
28.951	1.017	14.771							
11/16/2016 3:15:00 AM	537300.000	116.720	19.236	266.040	34550.746	38824.996	24.938	26.401	
28.943	1.017	14.775							
11/16/2016 3:30:00 AM	538200.000	116.728	19.236	266.058	34546.090	38819.980	24.935	26.398	
28.947	1.017	14.777							
11/16/2016 3:45:00 AM	539100.000	116.738	19.236	266.083	34518.551	38789.035	24.913	26.377	
28.970	1.017	14.772							
11/16/2016 4:00:00 AM	540000.000	116.723	19.236	266.047	34534.039	38805.934	24.925	26.388	
28.957	1.017	14.774							
11/16/2016 4:15:00 AM	540900.000	116.735	19.236	266.076	34527.211	38798.262	24.919	26.383	
28.963	1.017	14.769							
11/16/2016 4:30:00 AM	541800.000	116.724	19.236	266.050	34533.793	38806.164	24.925	26.388	
28.957	1.017	14.776							
11/16/2016 4:45:00 AM	542700.000	116.720	19.236	266.042	34553.070	38827.387	24.940	26.403	
28.941	1.017	14.777							
11/16/2016 5:00:00 AM	543600.000	116.721	19.237	266.044	34547.543	38820.953	24.935	26.398	
28.946	1.017	14.774							
11/16/2016 5:15:00 AM	544500.000	116.732	19.236	266.067	34539.520	38812.090	24.929	26.392	
28.952	1.017	14.768							
11/16/2016 5:30:00 AM	545400.000	116.728	19.236	266.058	34553.684	38828.078	24.940	26.403	
28.940	1.017	14.774							
11/16/2016 5:45:00 AM	546300.000	116.727	19.236	266.057	34554.031	38828.906	24.941	26.404	

28.940	1.017	14.770						
11/16/2016 6:00:00 AM	547200.000	116.736	19.236	266.077	34527.363	38798.578	24.920	26.383
28.963	1.017	14.765						
11/16/2016 6:15:00 AM	548100.000	116.738	19.237	266.081	34520.305	38790.422	24.914	26.377
28.968	1.017	14.767						
11/16/2016 6:30:00 AM	549000.000	116.713	19.236	266.024	34544.098	38817.383	24.933	26.396
28.949	1.017	14.779						
11/16/2016 6:45:00 AM	549900.000	116.736	19.236	266.078	34538.516	38811.254	24.929	26.392
28.953	1.017	14.778						
11/16/2016 7:00:00 AM	550800.000	116.743	19.237	266.094	34536.594	38808.004	24.926	26.389
28.955	1.017	14.771						
11/16/2016 7:15:00 AM	551700.000	116.743	19.237	266.094	34540.219	38812.367	24.929	26.392
28.952	1.017	14.778						
11/16/2016 7:30:00 AM	552600.000	116.737	19.236	266.080	34533.699	38806.281	24.925	26.388
28.957	1.017	14.784						
11/16/2016 7:45:00 AM	553500.000	116.739	19.236	266.085	34544.281	38817.441	24.933	26.396
28.948	1.017	14.782						
11/16/2016 8:00:00 AM	554400.000	116.757	19.236	266.125	34524.895	38796.164	24.918	26.381
28.965	1.017	14.786						
11/16/2016 8:15:00 AM	555300.000	116.750	19.237	266.109	34531.391	38802.371	24.922	26.386
28.959	1.017	14.790						
11/16/2016 8:30:00 AM	556200.000	116.758	19.238	266.128	34540.438	38812.242	24.929	26.392
28.952	1.017	14.788						
11/16/2016 8:45:00 AM	557100.000	116.772	19.236	266.160	34520.746	38791.426	24.914	26.378
28.968	1.017	14.787						
11/16/2016 9:00:00 AM	558000.000	116.786	19.236	266.191	34526.117	38797.609	24.919	26.382
28.964	1.017	14.786						
11/16/2016 9:15:00 AM	558900.000	116.794	19.236	266.209	34553.738	38828.215	24.941	26.403
28.940	1.017	14.781						
11/16/2016 9:30:00 AM	559800.000	116.795	19.237	266.213	34500.723	38768.344	24.898	26.362
28.985	1.017	14.790						
11/16/2016 9:45:00 AM	560700.000	116.806	19.237	266.236	34552.047	38825.883	24.939	26.402
28.942	1.017	14.786						
11/16/2016 10:00:00 AM	561600.000	116.819	19.237	266.266	34556.969	38831.547	24.943	26.405
28.938	1.017	14.789						
11/16/2016 10:15:00 AM	562500.000	116.825	19.237	266.281	34553.348	38826.965	24.940	26.402
28.941	1.017	14.784						
11/16/2016 10:30:00 AM	563400.000	116.834	19.237	266.300	34545.676	38818.348	24.934	26.396
28.947	1.017	14.785						
11/16/2016 10:45:00 AM	564300.000	116.841	19.236	266.317	34510.840	38780.008	24.906	26.370
28.976	1.017	14.783						
11/16/2016 11:00:00 AM	565200.000	116.856	19.237	266.350	34550.137	38823.582	24.937	26.400
28.943	1.017	14.780						
11/16/2016 11:15:00 AM	566100.000	116.864	19.237	266.369	34552.855	38826.414	24.939	26.402
28.941	1.017	14.788						
11/16/2016 11:30:00 AM	567000.000	116.870	19.237	266.382	34526.801	38797.137	24.919	26.382
28.963	1.017	14.781						
11/16/2016 11:45:00 AM	567900.000	116.879	19.237	266.403	34537.211	38809.344	24.927	26.390
28.954	1.017	14.777						
11/16/2016 12:00:00 PM	568800.000	116.888	19.237	266.423	34528.699	38799.422	24.920	26.384
28.961	1.017	14.775						
11/16/2016 12:15:00 PM	569700.000	116.910	19.236	266.474	34541.984	38815.008	24.931	26.394
28.950	1.017	14.766						
11/16/2016 12:30:00 PM	570600.000	116.893	19.237	266.436	34523.793	38793.980	24.916	26.380
28.966	1.017	14.773						
11/16/2016 12:45:00 PM	571500.000	116.906	19.236	266.465	34539.773	38812.809	24.930	26.393
28.952	1.017	14.769						
11/16/2016 1:00:00 PM	572400.000	116.906	19.237	266.464	34528.023	38799.094	24.920	26.383
28.962	1.017	14.764						
11/16/2016 1:15:00 PM	573300.000	116.913	19.237	266.480	34546.813	38819.625	24.934	26.397
28.946	1.017	14.766						
11/16/2016 1:30:00 PM	574200.000	116.914	19.237	266.483	34547.250	38820.340	24.935	26.398
28.946	1.017	14.755						
11/16/2016 1:45:00 PM	575100.000	116.904	19.236	266.460	34528.488	38799.840	24.920	26.384
28.962	1.017	14.756						
11/16/2016 2:00:00 PM	576000.000	116.897	19.237	266.445	34520.426	38790.480	24.914	26.378
28.968	1.017	14.755						
11/16/2016 2:15:00 PM	576900.000	116.894	19.237	266.439	34551.043	38824.961	24.938	26.401
28.943	1.017	14.758						
11/16/2016 2:30:00 PM	577800.000	116.901	19.236	266.454	34537.539	38810.086	24.928	26.391
28.954	1.017	14.754						
11/16/2016 2:45:00 PM	578700.000	116.885	19.237	266.418	34546.852	38820.254	24.935	26.398
28.946	1.017	14.752						
11/16/2016 3:00:00 PM	579600.000	116.881	19.236	266.408	34549.926	38824.215	24.938	26.400
28.944	1.017	14.754						
11/16/2016 3:15:00 PM	580500.000	116.867	19.237	266.376	34541.984	38814.574	24.931	26.394
28.950	1.017	14.756						
11/16/2016 3:30:00 PM	581400.000	116.856	19.236	266.351	34524.844	38796.176	24.918	26.381
28.965	1.017	14.755						
11/16/2016 3:45:00 PM	582300.000	116.856	19.236	266.352	34523.465	38794.051	24.916	26.380
28.966	1.017	14.755						
11/16/2016 4:00:00 PM	583200.000	116.843	19.236	266.321	34517.184	38787.215	24.911	26.375
28.971	1.017	14.755						
11/16/2016 4:15:00 PM	584100.000	116.832	19.237	266.297	34547.883	38821.051	24.936	26.398
28.945	1.017	14.756						
11/16/2016 4:30:00 PM	585000.000	116.820	19.236	266.269	34523.410	38794.566	24.917	26.380
28.966	1.017	14.756						
11/16/2016 4:45:00 PM	585900.000	116.809	19.236	266.243	34540.227	38813.176	24.930	26.393
28.952	1.017	14.756						
11/16/2016 5:00:00 PM	586800.000	116.789	19.236	266.198	34539.773	38813.105	24.930	26.393
28.952	1.017	14.754						
11/16/2016 5:15:00 PM	587700.000	116.784	19.235	266.187	34524.566	38796.160	24.918	26.381
28.965	1.017	14.757						
11/16/2016 5:30:00 PM	588600.000	116.768	19.236	266.149	34518.328	38788.426	24.912	26.376
28.970	1.017	14.761						
11/16/2016 5:45:00 PM	589500.000	116.749	19.236	266.108	34539.918	38812.969	24.930	26.393
28.952	1.017	14.761						
11/16/2016 6:00:00 PM	590400.000	116.733	19.236	266.070	34543.352	38817.199	24.933	26.396
28.949	1.017	14.769						
11/16/2016 6:15:00 PM	591300.000	116.718	19.236	266.036	34519.414	38790.074	24.913	26.377
28.969	1.017	14.765						
11/16/2016 6:30:00 PM	592200.000	116.709	19.235	266.017	34540.172	38813.758	24.930	26.393
28.952	1.017	14.767						
11/16/2016 6:45:00 PM	593100.000	116.694	19.236	265.981	34531.117	38803.082	24.923	26.386
28.959	1.017	14.767						
11/16/2016 7:00:00 PM	594000.000	116.681	19.236	265.952	34488.316	38754.625	24.888	26.353
28.995	1.017	14.768						
11/16/2016 7:15:00 PM	594900.000	116.684	19.236	265.958	34514.469	38784.371	24.909	26.373
28.973	1.017	14.763						
11/16/2016 7:30:00 PM	595800.000	116.664	19.237	265.912	34504.094	38771.996	24.901	26.365
28.982	1.017	14.771						
11/16/2016 7:45:00 PM	596700.000	116.658	19.236	265.899	34518.414	38788.883	24.913	26.376
28.970	1.017	14.772						
11/16/2016 8:00:00 PM	597600.000	116.658	19.236	265.899	34521.590	38792.375	24.915	26.379
28.967	1.017	14.772						
11/16/2016 8:15:00 PM	598500.000	116.653	19.236	265.888	34516.324	38786.672	24.911	26.375
28.972	1.017	14.765						
11/16/2016 8:30:00 PM	599400.000	116.632	19.235	265.841	34502.324	38771.379	24.900	26.365
28.984	1.017	14.773						
11/16/2016 8:45:00 PM	600300.000	116.636	19.236	265.850	34503.207	38771.793	24.900	26.365
28.983	1.017	14.769						
11/16/2016 9:00:00 PM	601200.000	116.624	19.236	265.822	34495.984	38763.816	24.895	26.359
28.989	1.017	14.773						
11/16/2016 9:15:00 PM	602100.000	116.636	19.235	265.849	34513.934	38784.273	24.909	26.373
28.974	1.017	14.774						
11/16/2016 9:30:00 PM	603000.000	116.625	19.236	265.825	34515.230	38784.867	24.910	26.374
28.973	1.017	14.776						
11/16/2016 9:45:00 PM	603900.000	116.624	19.235	265.822	34510.027	38779.883	24.906	26.370
28.977	1.017	14.773						
11/16/2016 10:00:00 PM	604800.000	116.623	19.236	265.821	34508.902	38777.832	24.905	26.369
28.978	1.017	14.778						
11/16/2016 10:15:00 PM	605700.000	116.621	19.235	265.815	34535.785	38808.766	24.927	26.390
28.955	1.017	14.778						

11/16/2016 10:30:00 PM	606600.000	116.626	19.236	265.827	34500.828	38768.613	24.898	26.363	28.985	1.017
11/16/2016 10:45:00 PM	607500.000	116.640	19.235	265.858	34520.789	38792.129	24.915	26.379	28.968	1.017
11/16/2016 11:00:00 PM	608400.000	116.639	19.236	265.857	34531.242	38803.082	24.923	26.386	28.959	1.017
11/16/2016 11:15:00 PM	609300.000	116.641	19.237	265.860	34531.180	38802.496	24.922	26.386	28.959	1.017
11/16/2016 11:30:00 PM	610200.000	116.647	19.235	265.875	34501.285	38770.211	24.899	26.364	28.984	1.017
11/16/2016 11:45:00 PM	611100.000	116.660	19.237	265.904	34517.160	38786.527	24.911	26.375	28.971	1.017

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

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
11/11/2016	16:45:00	0	133.939	18	4773.2
11/11/2016	17:00:00	0	133.896	18	4889.5
11/11/2016	17:15:00	0	133.911	18	5257.7
11/11/2016	17:30:00	0	133.924	18	4904.3
11/11/2016	17:45:00	0	133.923	18	4894
11/11/2016	18:00:00	0	133.919	18	4949.9
11/11/2016	18:15:00	0	133.918	18	5039.9
11/11/2016	18:30:00	0	133.937	18	4949.9
11/11/2016	18:45:00	0	133.921	18	4931.6
11/11/2016	19:00:00	0	133.948	18	4884.9
11/11/2016	19:15:00	0	133.934	18	5074.1
11/11/2016	19:30:00	0	133.925	18	4997.8
11/11/2016	19:45:00	0	133.917	18	4906.6
11/11/2016	20:00:00	0	133.92	18	4823.3
11/11/2016	20:15:00	0	133.964	18	4775.5
11/11/2016	20:30:00	0	133.971	18	4794.8
11/11/2016	20:45:00	0	133.941	18	4725.3
11/11/2016	21:00:00	0	133.942	18	4744.7
11/11/2016	21:15:00	0	133.943	18	4686.5
11/11/2016	21:30:00	0	133.941	18	4651.2
11/11/2016	21:45:00	0	133.974	18	4652.3
11/11/2016	22:00:00	0	133.971	18	4628.4
11/11/2016	22:15:00	0	133.907	18	4591.9
11/11/2016	22:30:00	0	133.949	18	4595.3
11/11/2016	22:45:00	0	133.964	18	4574.8
11/11/2016	23:00:00	0	133.943	18	4625
11/11/2016	23:15:00	0	133.967	18	4609
11/11/2016	23:30:00	0	133.946	18	4618.1
11/11/2016	23:45:00	0	133.956	18	4597.6
11/12/2016	0:00:00	0	133.919	18	4566.8
11/12/2016	0:15:00	0	133.925	18	4601

11/12/2016	0:30:00	0	133.936	18	4622.7
11/12/2016	0:45:00	0	133.953	18	4614.7
11/12/2016	1:00:00	0	133.956	18	4680.8
11/12/2016	1:15:00	0	133.94	18	4661.5
11/12/2016	1:30:00	0	133.937	18	4656.9
11/12/2016	1:45:00	0	133.921	18	4711.6
11/12/2016	2:00:00	0	133.94	18	4705.9
11/12/2016	2:15:00	0	133.941	18	4780
11/12/2016	2:30:00	0	133.921	18	4744.7
11/12/2016	2:45:00	0	133.939	18	4791.4
11/12/2016	3:00:00	0	133.936	18	4758.4
11/12/2016	3:15:00	0	133.934	18	4861
11/12/2016	3:30:00	0	133.951	18	4927.1
11/12/2016	3:45:00	0	133.955	18	4865.5
11/12/2016	4:00:00	0	133.93	18	4894
11/12/2016	4:15:00	0	133.948	18	4863.2
11/12/2016	4:30:00	0	133.912	18	4887.2
11/12/2016	4:45:00	0	133.969	18	4911.1
11/12/2016	5:00:00	0	133.936	18	4871.2
11/12/2016	5:15:00	0	133.99	18	4859.8
11/12/2016	5:30:00	0	133.932	18	4905.4
11/12/2016	5:45:00	0	133.951	18	4905.4
11/12/2016	6:00:00	0	133.99	18	4947.6
11/12/2016	6:15:00	0	133.964	18	4839.3
11/12/2016	6:30:00	0	133.959	18	4838.2
11/12/2016	6:45:00	0	133.993	18	4943
11/12/2016	7:00:00	0	133.983	18	4863.2
11/12/2016	7:15:00	0	133.935	18	4791.4
11/12/2016	7:30:00	0	133.99	18	4752.7
11/12/2016	7:45:00	0	133.984	18	4696.8
11/12/2016	8:00:00	0	134.017	18	4635.2
11/12/2016	8:15:00	0	134.013	18	4853
11/12/2016	8:30:00	0	134.008	18	4808.5
11/12/2016	8:45:00	0	134.005	18	4887.2
11/12/2016	9:00:00	0	134.005	18	4583.9
11/12/2016	9:15:00	0	134.006	18	4605.6
11/12/2016	9:30:00	0	134.027	18	4675.1
11/12/2016	9:45:00	0	134.028	18	4661.5
11/12/2016	10:00:00	0	134.009	18	4490.5
11/12/2016	10:15:00	0	134.051	18	4586.2
11/12/2016	10:30:00	0	134.042	18	4574.8
11/12/2016	10:45:00	0	134.031	18	4557.7
11/12/2016	11:00:00	0	134.077	18	4314.9
11/12/2016	11:15:00	0	134.068	18	4340
11/12/2016	11:30:00	0	134.059	18	4351.4
11/12/2016	11:45:00	0	134.071	18	4305.8
11/12/2016	12:00:00	0	134.064	18	4344.5

11/12/2016	12:15:00	0	134.074	18	4270.4
11/12/2016	12:30:00	0	134.059	18	4434.6
11/12/2016	12:45:00	0	134.038	18	4342.3
11/12/2016	13:00:00	0	134.114	18	4393.6
11/12/2016	13:15:00	0	134.072	18	4427.8
11/12/2016	13:30:00	0	134.037	18	4556.6
11/12/2016	13:45:00	0	134.054	18	4405
11/12/2016	14:00:00	0	134.03	18	4564.6
11/12/2016	14:15:00	0	133.968	18	4472.2
11/12/2016	14:30:00	0	134.003	18	4533.8
11/12/2016	14:45:00	0	133.985	18	4646.6
11/12/2016	15:00:00	0	134.003	18	4556.6
11/12/2016	15:15:00	0	134.009	18	4579.4
11/12/2016	15:30:00	0	134.009	18	4662.6
11/12/2016	15:45:00	0	134.047	18	4653.5
11/12/2016	16:00:00	0	134.013	18	4724.2
11/12/2016	16:15:00	0	133.969	18	4784.6
11/12/2016	16:30:00	0	133.986	18	4823.3
11/12/2016	16:45:00	0	133.98	18	4859.8
11/12/2016	17:00:00	0	133.978	18	4895.2
11/12/2016	17:15:00	0	133.957	18	4900.9
11/12/2016	17:30:00	0	133.955	18	4911.1
11/12/2016	17:45:00	0	133.95	18	4956.7
11/12/2016	18:00:00	0	133.966	18	4971.5
11/12/2016	18:15:00	0	133.997	18	5026.3
11/12/2016	18:30:00	0	133.968	18	4959
11/12/2016	18:45:00	0	133.953	18	5020.6
11/12/2016	19:00:00	0	133.949	18	4994.3
11/12/2016	19:15:00	0	133.936	18	5034.2
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11/16/2016	2:00:00	0	134	18	4963.6
11/16/2016	2:15:00	0	134.037	18	4954.4
11/16/2016	2:30:00	0	134.041	18	4943
11/16/2016	2:45:00	0	134.081	18	4856.4
11/16/2016	3:00:00	0	134.069	18	4887.2
11/16/2016	3:15:00	0	134.031	18	4899.7
11/16/2016	3:30:00	0	134.048	18	4938.5
11/16/2016	3:45:00	0	134.047	18	4780
11/16/2016	4:00:00	0	134.012	18	4929.4
11/16/2016	4:15:00	0	134.039	18	4859.8
11/16/2016	4:30:00	0	134.058	18	4929.4
11/16/2016	4:45:00	0	134.056	18	5020.6
11/16/2016	5:00:00	0	134.055	18	4976.1
11/16/2016	5:15:00	0	134.073	18	4807.4
11/16/2016	5:30:00	0	134.078	18	4899.7
11/16/2016	5:45:00	0	134.075	18	4927.1
11/16/2016	6:00:00	0	134.079	18	4847.3
11/16/2016	6:15:00	0	134.082	18	4907.7
11/16/2016	6:30:00	0	134.098	18	4888.3
11/16/2016	6:45:00	0	134.094	18	4941.9
11/16/2016	7:00:00	0	134.086	18	4927.1
11/16/2016	7:15:00	0	134.084	18	4920.2
11/16/2016	7:30:00	0	134.117	18	4811.9
11/16/2016	7:45:00	0	134.073	18	4944.2
11/16/2016	8:00:00	0	134.104	18	4867.8
11/16/2016	8:15:00	0	134.101	18	4910
11/16/2016	8:30:00	0	134.098	18	4811.9
11/16/2016	8:45:00	0	134.113	18	4855.3
11/16/2016	9:00:00	0	134.108	18	4817.6
11/16/2016	9:15:00	0	134.132	18	4729.9
11/16/2016	9:30:00	0	134.131	18	4729.9
11/16/2016	9:45:00	0	134.149	18	4712.8
11/16/2016	10:00:00	0	134.128	18	4612.4

11/16/2016	10:15:00	0	134.15	18	4611.3
11/16/2016	10:30:00	0	134.155	18	4576
11/16/2016	10:45:00	0	134.157	18	4501.9
11/16/2016	11:00:00	0	134.161	18	4444.9
11/16/2016	11:15:00	0	134.162	18	4455.1
11/16/2016	11:30:00	0	134.171	18	4395.8
11/16/2016	11:45:00	0	134.197	18	4326.3
11/16/2016	12:00:00	0	134.165	18	4277.3
11/16/2016	12:15:00	0	134.212	18	4338.8
11/16/2016	12:30:00	0	134.215	18	4213.4
11/16/2016	12:45:00	0	134.183	18	4237.4
11/16/2016	13:00:00	0	134.21	18	4125.7
11/16/2016	13:15:00	0	134.236	18	4127.9
11/16/2016	13:30:00	0	134.183	18	4094.9
11/16/2016	13:45:00	0	134.191	18	4069.8
11/16/2016	14:00:00	0	134.212	18	4145
11/16/2016	14:15:00	0	134.194	18	4072.1
11/16/2016	14:30:00	0	134.218	18	4115.4
11/16/2016	14:45:00	0	134.197	18	4094.9
11/16/2016	15:00:00	0	134.2	18	4080.1
11/16/2016	15:15:00	0	134.158	18	4109.7
11/16/2016	15:30:00	0	134.154	18	4179.2
11/16/2016	15:45:00	0	134.178	18	4156.4
11/16/2016	16:00:00	0	134.19	18	4254.5
11/16/2016	16:15:00	0	134.153	18	4280.7
11/16/2016	16:30:00	0	134.169	18	4354.8
11/16/2016	16:45:00	0	134.112	18	4427.8
11/16/2016	17:00:00	0	134.129	18	4433.5
11/16/2016	17:15:00	0	134.122	18	4472.2
11/16/2016	17:30:00	0	134.132	18	4533.8
11/16/2016	17:45:00	0	134.109	18	4669.4
11/16/2016	18:00:00	0	134.089	18	4630.7
11/16/2016	18:15:00	0	134.091	18	4735.6
11/16/2016	18:30:00	0	134.065	18	4726.4
11/16/2016	18:45:00	0	134.088	18	4887.2
11/16/2016	19:00:00	0	134.089	18	4970.4
11/16/2016	19:15:00	0	134.053	18	4904.3
11/16/2016	19:30:00	0	134.087	18	4978.4
11/16/2016	19:45:00	0	134.045	18	5000
11/16/2016	20:00:00	0	134.022	18	5043.4
11/16/2016	20:15:00	0	134.02	18	5057
11/16/2016	20:30:00	0	134.042	18	5148.2
11/16/2016	20:45:00	0	134.015	18	5126.6
11/16/2016	21:00:00	0	134.033	18	5192.7
11/16/2016	21:15:00	0	133.988	18	5215.5
11/16/2016	21:30:00	0	134.011	18	5205.2
11/16/2016	21:45:00	0	134.05	18	5273.6

11/16/2016	22:00:00	0	133.969	18	5196.1
11/16/2016	22:15:00	0	134.013	18	5204.1
11/16/2016	22:30:00	0	134.015	18	5225.8
11/16/2016	22:45:00	0	134.014	18	5215.5
11/16/2016	23:00:00	0	134.017	18	5223.5
11/16/2016	23:15:00	0	134.02	18	5247.4
11/16/2016	23:30:00	0	133.997	18	5209.8
11/16/2016	23:45:00	0	133.972	18	5148.2

Report Date: 11/18/2016 8:37:26 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-7S LT Test_2016-11-17_14-00-11-571-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/28/2015 4:09:52 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM	Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM	Device Taken Offline
11/28/2015 4:13:26 PM	Conductivity calibration. Sensor SN: 427086 Cell Constant: 1.01973 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 4:14:17 PM	Device Put Online
11/28/2015 4:14:18 PM	Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55:05 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40:32 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54:49 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM
12/17/2015 10:22:31 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36:01 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52:24 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56:04 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06:16 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45:03 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12:00 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53:38 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 2:24:53 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41:10 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03:59 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09:55 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05:20 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM
4/28/2016 10:19:22 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15:57 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13:18 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16:23 PM	Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37:42 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47:40 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35:24 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23:58 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06:49 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55:42 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18:07 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 3:47:33 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 4:46:41 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 5:35:19 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45:40 AM	Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27:05 AM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 2:52:48 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/25/2016 1:03:44 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 10:04:43 AM	Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM
9/8/2016 5:49:23 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:15:00 PM	Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM
9/22/2016 11:02:04 AM	Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM
10/1/2016 9:35:42 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:30:00 AM
10/7/2016 4:29:40 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM
10/7/2016 4:30:09 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM
10/13/2016 3:44:56 PM	Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM
10/20/2016 3:35:05 PM	Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM
10/27/2016 3:10:37 PM	Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM
11/3/2016 2:59:25 PM	Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM
11/10/2016 4:15:44 PM	Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM
11/17/2016 1:58:52 PM	Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 736
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
		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
11/10/2016 12:00:00 AM	7200.000	12.140	17.649	27.670	1826.655	2125.007	1.445	1.097	547.449	1.000	14.743
11/10/2016 12:15:00 AM	8100.000	12.139	17.650	27.668	1828.458	2127.088	1.446	1.098	546.909	1.000	14.744
11/10/2016 12:30:00 AM	9000.000	12.137	17.649	27.663	1830.811	2129.829	1.448	1.099	546.206	1.000	14.746
11/10/2016 12:45:00 AM	9900.000	12.136	17.650	27.663	1828.996	2127.701	1.447	1.098	546.748	1.000	14.746
11/10/2016 1:00:00 AM	10800.000	12.138	17.650	27.666	1829.864	2128.704	1.448	1.099	546.489	1.000	14.745
11/10/2016 1:15:00 AM	11700.000	12.142	17.650	27.675	1830.528	2129.488	1.448	1.099	546.290	1.000	14.741
11/10/2016 1:30:00 AM	12600.000	12.142	17.649	27.675	1830.582	2129.596	1.448	1.099	546.274	1.000	14.741
11/10/2016 1:45:00 AM	13500.000	12.147	17.649	27.687	1830.414	2129.388	1.448	1.099	546.324	1.000	14.736
11/10/2016 2:00:00 AM	14400.000	12.143	17.650	27.678	1829.872	2128.732	1.448	1.099	546.486	1.000	14.740
11/10/2016 2:15:00 AM	15300.000	12.144	17.648	27.679	1829.452	2128.307	1.447	1.099	546.612	1.000	14.739
11/10/2016 2:30:00 AM	16200.000	12.146	17.648	27.685	1828.553	2127.248	1.447	1.098	546.880	1.000	14.737
11/10/2016 2:45:00 AM	17100.000	12.143	17.650	27.678	1828.280	2126.860	1.446	1.098	546.962	1.000	14.739
11/10/2016 3:00:00 AM	18000.000	12.143	17.648	27.677	1829.139	2127.958	1.447	1.098	546.705	1.000	14.739
11/10/2016 3:15:00 AM	18900.000	12.140	17.648	27.670	1829.136	2127.934	1.447	1.098	546.706	1.000	14.741
11/10/2016 3:30:00 AM	19800.000	12.144	17.648	27.679	1828.100	2126.762	1.446	1.098	547.016	1.000	14.737
11/10/2016 3:45:00 AM	20700.000	12.143	17.649	27.678	1827.815	2126.365	1.446	1.097	547.101	1.000	14.738
11/10/2016 4:00:00 AM	21600.000	12.138	17.649	27.666	1828.128	2126.725	1.446	1.098	547.008	1.000	14.742
11/10/2016 4:15:00 AM	22500.000	12.147	17.651	27.687	1827.907	2126.385	1.446	1.098	547.074	1.000	14.735
11/10/2016 4:30:00 AM	23400.000	12.145	17.650	27.683	1828.046	2126.572	1.446	1.098	547.032	1.000	14.736
11/10/2016 4:45:00 AM	24300.000	12.149	17.648	27.692	1828.598	2127.338	1.447	1.098	546.867	1.000	14.732
11/10/2016 5:00:00 AM	25200.000	12.143	17.650	27.677	1828.658	2127.312	1.447	1.098	546.849	1.000	14.740
11/10/2016 5:15:00 AM	26100.000	12.146	17.648	27.684	1829.190	2128.011	1.447	1.098	546.690	1.000	14.735
11/10/2016 5:30:00 AM	27000.000	12.148	17.649	27.688	1829.294	2128.065	1.447	1.098	546.659	1.000	14.732
11/10/2016 5:45:00 AM	27900.000	12.141	17.649	27.673	1830.009	2128.913	1.448	1.099	546.445	1.000	14.739
11/10/2016 6:00:00 AM	28800.000	12.141	17.650	27.674	1829.703	2128.536	1.447	1.099	546.537	1.000	14.739
11/10/2016 6:15:00 AM	29700.000	12.124	17.650	27.634	1829.349	2128.116	1.447	1.098	546.642	1.000	14.758
11/10/2016 6:30:00 AM	30600.000	12.139	17.649	27.668	1830.227	2129.154	1.448	1.099	546.380	1.000	14.744
11/10/2016 6:45:00 AM	31500.000	12.136	17.649	27.661	1830.182	2129.109	1.448	1.099	546.394	1.000	14.747
11/10/2016 7:00:00 AM	32400.000	12.135	17.649	27.658	1828.941	2127.666	1.447	1.098	546.765	1.000	14.749
11/10/2016 7:15:00 AM	33300.000	12.139	17.650	27.669	1829.007	2127.727	1.447	1.098	546.745	1.000	14.746
11/10/2016 7:30:00 AM	34200.000	12.136	17.649	27.663	1829.149	2127.896	1.447	1.098	546.702	1.000	14.749
11/10/2016 7:45:00 AM	35100.000	12.129	17.648	27.647	1829.395	2128.227	1.447	1.099	546.629	1.000	14.756
11/10/2016 8:00:00 AM	36000.000	12.134	17.650	27.657	1828.605	2127.226	1.447	1.098	546.865	1.000	14.754
11/10/2016 8:15:00 AM	36900.000	12.140	17.649	27.671	1828.566	2127.255	1.447	1.098	546.877	1.000	14.748
11/10/2016 8:30:00 AM	37800.000	12.143	17.648	27.677	1826.911	2125.338	1.445	1.097	547.372	1.000	14.747
11/10/2016 8:45:00 AM	38700.000	12.141	17.648	27.672	1825.800	2124.050	1.444	1.096	547.705	1.000	14.748
11/10/2016 9:00:00 AM	39600.000	12.135	17.649	27.660	1826.110	2124.373	1.445	1.096	547.612	1.000	14.754
11/10/2016 9:15:00 AM	40500.000	12.139	17.649	27.668	1826.761	2125.123	1.445	1.097	547.417	1.000	14.750
11/10/2016 9:30:00 AM	41400.000	12.146	17.650	27.685	1826.241	2124.497	1.445	1.096	547.573	1.000	14.742
11/10/2016 9:45:00 AM	42300.000	12.147	17.649	27.687	1827.878	2126.459	1.446	1.098	547.082	1.000	14.741
11/10/2016 10:00:00 AM	43200.000	12.149	17.649	27.692	1826.860	2125.233	1.445	1.097	547.387	1.000	14.738
11/10/2016 10:15:00 AM	44100.000	12.145	17.650	27.681	1827.409	2125.856	1.446	1.097	547.223	1.000	14.741
11/10/2016 10:30:00 AM	45000.000	12.144	17.650	27.679	1829.453	2128.238	1.447	1.099	546.611	1.000	14.743
11/10/2016 10:45:00 AM	45900.000	12.152	17.650	27.698	1830.062	2128.945	1.448	1.099	546.430	1.000	14.734
11/10/2016 11:00:00 AM	46800.000	12.152	17.649	27.698	1830.505	2129.473	1.448	1.099	546.297	1.000	14.732
11/10/2016 11:15:00 AM	47700.000	12.149	17.648	27.690	1830.078	2129.026	1.448	1.099	546.425	1.000	14.734
11/10/2016 11:30:00 AM	48600.000	12.155	17.649	27.705	1831.907	2131.105	1.449	1.100	545.879	1.000	14.727
11/10/2016 11:45:00 AM	49500.000	12.151	17.650	27.696	1830.626	2129.581	1.448	1.099	546.261	1.000	14.729
11/10/2016 12:00:00 PM	50400.000	12.151	17.650	27.696	1830.896	2129.903	1.448	1.099	546.181	1.000	14.727
11/10/2016 12:15:00 PM	51300.000	12.147	17.649	27.687	1830.548	2129.549	1.448	1.099	546.284	1.000	14.730
11/10/2016 12:30:00 PM	52200.000	12.151	17.649	27.696	1829.287	2128.077	1.447	1.098	546.661	1.000	14.726
11/10/2016 12:45:00 PM	53100.000	12.150	17.649	27.694	1828.902	2127.613	1.447	1.098	546.776	1.000	14.726
11/10/2016 1:00:00 PM	54000.000	12.159	17.649	27.714	1829.777	2128.661	1.447	1.099	546.515	1.000	14.716
11/10/2016 1:15:00 PM	54900.000	12.156	17.650	27.708	1829.341	2128.099	1.447	1.098	546.645	1.000	14.718
11/10/2016 1:30:00 PM	55800.000	12.145	17.649	27.682	1829.430	2128.256	1.447	1.099	546.618	1.000	14.727
11/10/2016 1:45:00 PM	56700.000	12.147	17.650	27.687	1829.123	2127.845	1.447	1.098	546.710	1.000	14.725
11/10/2016 2:00:00 PM	57600.000	12.146	17.648	27.685	1829.534	2128.389	1.447	1.099	546.587	1.000	14.726
11/10/2016 2:15:00 PM	58500.000	12.143	17.650	27.678	1829.982	2128.828	1.448	1.099	546.453	1.000	14.731
11/10/2016 2:30:00 PM	59400.000	12.143	17.649	27.678	1830.481	2129.458	1.448	1.099	546.304	1.000	14.729
11/10/2016 2:45:00 PM	60300.000	12.147	17.650	27.687	1831.231	2130.285	1.449	1.100	546.081	1.000	14.726
11/10/2016 3:00:00 PM	61200.000	12.142	17.649	27.675	1831.247	2130.345	1.449	1.100	546.076	1.000	14.731
11/10/2016 3:15:00 PM	62100.000	12.141	17.648	27.674	1831.989	2131.245	1.449	1.100			

545.855	1.000	14.732						
11/10/2016 3:30:00 PM	63000.000	12.136	17.650	27.662	1831.784	2130.921	1.449	1.100
545.916	1.000	14.738						
11/10/2016 3:45:00 PM	63900.000	12.137	17.650	27.665	1833.170	2132.541	1.450	1.101
545.503	1.000	14.737						
11/10/2016 4:00:00 PM	64800.000	12.137	17.649	27.663	1831.673	2130.852	1.449	1.100
545.949	1.000	14.737						
11/10/2016 4:15:00 PM	65700.000	12.135	17.650	27.660	1830.220	2129.096	1.448	1.099
546.382	1.000	14.739						
11/10/2016 4:30:00 PM	66600.000	12.137	17.649	27.664	1830.673	2129.686	1.448	1.099
546.247	1.000	14.738						
11/10/2016 4:45:00 PM	67500.000	12.132	17.648	27.651	1831.046	2130.165	1.449	1.100
546.136	1.000	14.743						
11/10/2016 5:00:00 PM	68400.000	12.147	17.650	27.687	1829.582	2128.367	1.447	1.099
546.573	1.000	14.730						
11/10/2016 5:15:00 PM	69300.000	12.133	17.650	27.655	1829.218	2127.947	1.447	1.098
546.682	1.000	14.746						
11/10/2016 5:30:00 PM	70200.000	12.137	17.651	27.664	1829.365	2128.090	1.447	1.098
546.638	1.000	14.744						
11/10/2016 5:45:00 PM	71100.000	12.136	17.651	27.663	1828.956	2127.614	1.447	1.098
546.760	1.000	14.741						
11/10/2016 6:00:00 PM	72000.000	12.131	17.651	27.651	1828.894	2127.537	1.447	1.098
546.779	1.000	14.748						
11/10/2016 6:15:00 PM	72900.000	12.138	17.650	27.666	1829.420	2128.178	1.447	1.098
546.621	1.000	14.744						
11/10/2016 6:30:00 PM	73800.000	12.136	17.650	27.662	1827.863	2126.396	1.446	1.098
547.087	1.000	14.745						
11/10/2016 6:45:00 PM	74700.000	12.144	17.649	27.680	1829.109	2127.862	1.447	1.098
546.714	1.000	14.740						
11/10/2016 7:00:00 PM	75600.000	12.139	17.651	27.669	1828.331	2126.891	1.446	1.098
546.947	1.000	14.744						
11/10/2016 7:15:00 PM	76500.000	12.139	17.650	27.668	1829.570	2128.365	1.447	1.099
546.577	1.000	14.745						
11/10/2016 7:30:00 PM	77400.000	12.145	17.649	27.682	1829.299	2128.087	1.447	1.098
546.657	1.000	14.741						
11/10/2016 7:45:00 PM	78300.000	12.143	17.649	27.677	1830.986	2130.053	1.448	1.099
546.154	1.000	14.742						
11/10/2016 8:00:00 PM	79200.000	12.135	17.650	27.660	1829.522	2128.305	1.447	1.099
546.591	1.000	14.750						
11/10/2016 8:15:00 PM	80100.000	12.144	17.649	27.679	1829.513	2128.328	1.447	1.099
546.594	1.000	14.743						
11/10/2016 8:30:00 PM	81000.000	12.138	17.649	27.666	1830.376	2129.344	1.448	1.099
546.336	1.000	14.748						
11/10/2016 8:45:00 PM	81900.000	12.137	17.649	27.663	1831.089	2130.190	1.449	1.100
546.123	1.000	14.751						
11/10/2016 9:00:00 PM	82800.000	12.144	17.650	27.679	1830.395	2129.337	1.448	1.099
546.330	1.000	14.744						
11/10/2016 9:15:00 PM	83700.000	12.137	17.650	27.664	1830.257	2129.181	1.448	1.099
546.371	1.000	14.751						
11/10/2016 9:30:00 PM	84600.000	12.135	17.649	27.660	1832.067	2131.328	1.449	1.100
545.832	1.000	14.754						
11/10/2016 9:45:00 PM	85500.000	12.141	17.650	27.674	1832.581	2131.864	1.450	1.100
545.678	1.000	14.748						
11/10/2016 10:00:00 PM	86400.000	12.138	17.649	27.665	1834.619	2134.301	1.451	1.102
545.072	1.000	14.752						
11/10/2016 10:15:00 PM	87300.000	12.138	17.649	27.667	1833.321	2132.753	1.450	1.101
545.458	1.000	14.752						
11/10/2016 10:30:00 PM	88200.000	12.143	17.650	27.677	1832.988	2132.337	1.450	1.101
545.557	1.000	14.749						
11/10/2016 10:45:00 PM	89100.000	12.139	17.650	27.668	1832.598	2131.884	1.450	1.100
545.673	1.000	14.754						
11/10/2016 11:00:00 PM	90000.000	12.137	17.650	27.665	1831.623	2130.757	1.449	1.100
545.964	1.000	14.754						
11/10/2016 11:15:00 PM	90900.000	12.142	17.648	27.676	1831.923	2131.190	1.449	1.100
545.874	1.000	14.751						
11/10/2016 11:30:00 PM	91800.000	12.135	17.650	27.659	1832.495	2131.768	1.450	1.100
545.704	1.000	14.758						
11/10/2016 11:45:00 PM	92700.000	12.136	17.650	27.662	1831.153	2130.215	1.449	1.100
546.104	1.000	14.757						
11/11/2016 12:00:00 AM	93600.000	12.137	17.650	27.665	1831.194	2130.245	1.449	1.100
546.092	1.000	14.756						
11/11/2016 12:15:00 AM	94500.000	12.136	17.650	27.662	1832.890	2132.236	1.450	1.101
545.586	1.000	14.759						
11/11/2016 12:30:00 AM	95400.000	12.133	17.649	27.654	1831.335	2130.465	1.449	1.100
546.050	1.000	14.762						
11/11/2016 12:45:00 AM	96300.000	12.142	17.651	27.675	1830.497	2129.407	1.448	1.099
546.300	1.000	14.755						
11/11/2016 1:00:00 AM	97200.000	12.138	17.650	27.667	1831.037	2130.077	1.448	1.100
546.138	1.000	14.759						
11/11/2016 1:15:00 AM	98100.000	12.138	17.650	27.667	1832.406	2131.655	1.450	1.100
545.731	1.000	14.759						
11/11/2016 1:30:00 AM	99000.000	12.142	17.649	27.674	1831.775	2130.955	1.449	1.100
545.919	1.000	14.757						
11/11/2016 1:45:00 AM	99900.000	12.145	17.649	27.683	1833.473	2132.938	1.450	1.101
545.413	1.000	14.752						
11/11/2016 2:00:00 AM	100800.000	12.140	17.649	27.670	1832.203	2131.462	1.449	1.100
545.791	1.000	14.758						
11/11/2016 2:15:00 AM	101700.000	12.147	17.650	27.687	1830.308	2129.211	1.448	1.099
546.356	1.000	14.751						
11/11/2016 2:30:00 AM	102600.000	12.146	17.649	27.684	1830.220	2129.142	1.448	1.099
546.382	1.000	14.752						
11/11/2016 2:45:00 AM	103500.000	12.145	17.650	27.682	1830.052	2128.927	1.448	1.099
546.432	1.000	14.753						
11/11/2016 3:00:00 AM	104400.000	12.146	17.650	27.684	1830.338	2129.242	1.448	1.099
546.347	1.000	14.752						
11/11/2016 3:15:00 AM	105300.000	12.152	17.650	27.698	1830.442	2129.396	1.448	1.099
546.316	1.000	14.745						
11/11/2016 3:30:00 AM	106200.000	12.142	17.650	27.676	1830.740	2129.742	1.448	1.099
546.227	1.000	14.754						
11/11/2016 3:45:00 AM	107100.000	12.153	17.649	27.701	1833.141	2132.543	1.450	1.101
545.512	1.000	14.744						
11/11/2016 4:00:00 AM	108000.000	12.152	17.648	27.698	1833.216	2132.673	1.450	1.101
545.489	1.000	14.743						
11/11/2016 4:15:00 AM	108900.000	12.152	17.650	27.697	1830.723	2129.714	1.448	1.099
546.232	1.000	14.744						
11/11/2016 4:30:00 AM	109800.000	12.151	17.650	27.695	1829.545	2128.336	1.447	1.099
546.584	1.000	14.743						
11/11/2016 4:45:00 AM	110700.000	12.149	17.650	27.692	1828.980	2127.680	1.447	1.098
546.753	1.000	14.745						
11/11/2016 5:00:00 AM	111600.000	12.142	17.649	27.676	1829.234	2128.020	1.447	1.098
546.677	1.000	14.751						
11/11/2016 5:15:00 AM	112500.000	12.149	17.649	27.691	1829.887	2128.792	1.448	1.099
546.482	1.000	14.744						
11/11/2016 5:30:00 AM	113400.000	12.146	17.649	27.685	1828.441	2127.097	1.446	1.098
546.914	1.000	14.746						
11/11/2016 5:45:00 AM	114300.000	12.140	17.648	27.672	1829.318	2128.142	1.447	1.098
546.652	1.000	14.751						
11/11/2016 6:00:00 AM	115200.000	12.151	17.650	27.695	1827.053	2125.420	1.445	1.097
547.330	1.000	14.741						
11/11/2016 6:15:00 AM	116100.000	12.147	17.648	27.687	1827.805	2126.386	1.446	1.098
547.104	1.000	14.745						
11/11/2016 6:30:00 AM	117000.000	12.143	17.649	27.677	1827.855	2126.424	1.446	1.098
547.089	1.000	14.750						
11/11/2016 6:45:00 AM	117900.000	12.140	17.650	27.671	1827.931	2126.459	1.446	1.098
547.067	1.000	14.753						
11/11/2016 7:00:00 AM	118800.000	12.138	17.649	27.666	1828.755	2127.466	1.447	1.098
546.820	1.000	14.755						
11/11/2016 7:15:00 AM	119700.000	12.140	17.650	27.671	1829.968	2128.841	1.448	1.099
546.458	1.000	14.754						
11/11/2016 7:30:00 AM	120600.000	12.140	17.650	27.670	1830.579	2129.522	1.448	1.099
546.275	1.000	14.756						
11/11/2016 7:45:00 AM	121500.000	12.138	17.651	27.667	1830.633	2129.564	1.448	1.099
546.259	1.000	14.756						

11/11/2016 8:00:00 AM	122400.000	12.142	17.651	27.676	1831.244	2130.271	1.449	1.100
546.077	1.000	14.753						
11/11/2016 8:15:00 AM	123300.000	12.133	17.650	27.654	1831.434	2130.545	1.449	1.100
546.020	1.000	14.764						
11/11/2016 8:30:00 AM	124200.000	12.137	17.650	27.663	1831.662	2130.770	1.449	1.100
545.952	1.000	14.760						
11/11/2016 8:45:00 AM	125100.000	12.139	17.649	27.668	1832.267	2131.523	1.449	1.100
545.772	1.000	14.758						
11/11/2016 9:00:00 AM	126000.000	12.140	17.649	27.671	1832.567	2131.897	1.450	1.100
545.683	1.000	14.759						
11/11/2016 9:15:00 AM	126900.000	12.129	17.650	27.646	1831.546	2130.668	1.449	1.100
545.987	1.000	14.768						
11/11/2016 9:30:00 AM	127800.000	12.133	17.648	27.655	1831.868	2131.113	1.449	1.100
545.891	1.000	14.765						
11/11/2016 9:45:00 AM	128700.000	12.133	17.649	27.654	1831.974	2131.224	1.449	1.100
545.859	1.000	14.766						
11/11/2016 10:00:00 AM	129600.000	12.134	17.649	27.656	1831.199	2130.281	1.449	1.100
546.090	1.000	14.766						
11/11/2016 10:15:00 AM	130500.000	12.141	17.649	27.674	1832.385	2131.703	1.450	1.100
545.737	1.000	14.760						
11/11/2016 10:30:00 AM	131400.000	12.143	17.650	27.677	1832.291	2131.535	1.449	1.100
545.765	1.000	14.759						
11/11/2016 10:45:00 AM	132300.000	12.141	17.650	27.673	1832.743	2132.052	1.450	1.101
545.630	1.000	14.759						
11/11/2016 11:00:00 AM	133200.000	12.138	17.650	27.667	1833.106	2132.495	1.450	1.101
545.522	1.000	14.763						
11/11/2016 11:15:00 AM	134100.000	12.147	17.650	27.687	1833.336	2132.734	1.450	1.101
545.454	1.000	14.755						
11/11/2016 11:30:00 AM	135000.000	12.141	17.650	27.672	1833.833	2133.332	1.451	1.101
545.306	1.000	14.761						
11/11/2016 11:45:00 AM	135900.000	12.148	17.649	27.689	1833.711	2133.207	1.451	1.101
545.342	1.000	14.755						
11/11/2016 12:00:00 PM	136800.000	12.148	17.649	27.689	1833.797	2133.324	1.451	1.101
545.316	1.000	14.755						
11/11/2016 12:15:00 PM	137700.000	12.148	17.650	27.689	1832.422	2131.670	1.450	1.100
545.726	1.000	14.755						
11/11/2016 12:30:00 PM	138600.000	12.145	17.651	27.682	1834.089	2133.577	1.451	1.101
545.230	1.000	14.758						
11/11/2016 12:45:00 PM	139500.000	12.147	17.649	27.687	1833.536	2133.020	1.450	1.101
545.394	1.000	14.754						
11/11/2016 1:00:00 PM	140400.000	12.146	17.650	27.685	1833.320	2132.740	1.450	1.101
545.459	1.000	14.755						
11/11/2016 1:15:00 PM	141300.000	12.140	17.650	27.672	1833.708	2133.154	1.451	1.101
545.343	1.000	14.757						
11/11/2016 1:30:00 PM	142200.000	12.144	17.649	27.681	1834.243	2133.835	1.451	1.102
545.184	1.000	14.758						
11/11/2016 1:45:00 PM	143100.000	12.143	17.649	27.677	1834.723	2134.389	1.451	1.102
545.041	1.000	14.760						
11/11/2016 2:00:00 PM	144000.000	12.137	17.648	27.664	1833.906	2133.479	1.451	1.101
545.284	1.000	14.765						
11/11/2016 2:15:00 PM	144900.000	12.157	17.650	27.710	1833.355	2132.764	1.450	1.101
545.448	1.000	14.744						
11/11/2016 2:30:00 PM	145800.000	12.141	17.649	27.672	1833.228	2132.649	1.450	1.101
545.486	1.000	14.761						
11/11/2016 2:45:00 PM	146700.000	12.142	17.651	27.675	1834.176	2133.686	1.451	1.101
545.204	1.000	14.761						
11/11/2016 3:00:00 PM	147600.000	12.132	17.650	27.653	1834.736	2134.371	1.451	1.102
545.037	1.000	14.770						
11/11/2016 3:15:00 PM	148500.000	12.144	17.651	27.679	1835.421	2135.139	1.452	1.102
544.834	1.000	14.760						
11/11/2016 3:30:00 PM	149400.000	12.137	17.650	27.664	1836.818	2136.809	1.453	1.103
544.420	1.000	14.766						
11/11/2016 3:45:00 PM	150300.000	12.134	17.648	27.656	1836.618	2136.630	1.453	1.103
544.479	1.000	14.771						
11/11/2016 4:00:00 PM	151200.000	12.142	17.650	27.676	1834.949	2134.635	1.452	1.102
544.974	1.000	14.762						
11/11/2016 4:15:00 PM	152100.000	12.140	17.649	27.670	1834.452	2134.090	1.451	1.102
545.122	1.000	14.765						
11/11/2016 4:30:00 PM	153000.000	12.140	17.650	27.671	1834.962	2134.642	1.452	1.102
544.971	1.000	14.765						
11/11/2016 4:45:00 PM	153900.000	12.135	17.649	27.659	1834.448	2134.089	1.451	1.102
545.123	1.000	14.771						
11/11/2016 5:00:00 PM	154800.000	12.137	17.649	27.665	1832.964	2132.372	1.450	1.101
545.564	1.000	14.769						
11/11/2016 5:15:00 PM	155700.000	12.137	17.650	27.664	1832.564	2131.844	1.450	1.100
545.684	1.000	14.770						
11/11/2016 5:30:00 PM	156600.000	12.135	17.649	27.660	1834.162	2133.766	1.451	1.102
545.208	1.000	14.773						
11/11/2016 5:45:00 PM	157500.000	12.136	17.648	27.661	1833.336	2132.817	1.450	1.101
545.454	1.000	14.775						
11/11/2016 6:00:00 PM	158400.000	12.130	17.649	27.648	1832.948	2132.349	1.450	1.101
545.569	1.000	14.780						
11/11/2016 6:15:00 PM	159300.000	12.133	17.650	27.655	1832.866	2132.207	1.450	1.101
545.594	1.000	14.778						
11/11/2016 6:30:00 PM	160200.000	12.134	17.649	27.658	1833.240	2132.659	1.450	1.101
545.482	1.000	14.778						
11/11/2016 6:45:00 PM	161100.000	12.135	17.649	27.660	1832.646	2131.997	1.450	1.101
545.659	1.000	14.779						
11/11/2016 7:00:00 PM	162000.000	12.139	17.649	27.668	1832.731	2132.104	1.450	1.101
545.634	1.000	14.775						
11/11/2016 7:15:00 PM	162900.000	12.145	17.650	27.682	1832.762	2132.083	1.450	1.101
545.625	1.000	14.770						
11/11/2016 7:30:00 PM	163800.000	12.143	17.649	27.678	1832.874	2132.233	1.450	1.101
545.591	1.000	14.773						
11/11/2016 7:45:00 PM	164700.000	12.155	17.649	27.706	1833.482	2132.965	1.450	1.101
545.410	1.000	14.759						
11/11/2016 8:00:00 PM	165600.000	12.153	17.649	27.701	1833.781	2133.296	1.451	1.101
545.322	1.000	14.761						
11/11/2016 8:15:00 PM	166500.000	12.153	17.649	27.701	1834.042	2133.621	1.451	1.101
545.244	1.000	14.759						
11/11/2016 8:30:00 PM	167400.000	12.156	17.650	27.707	1833.362	2132.784	1.450	1.101
545.446	1.000	14.754						
11/11/2016 8:45:00 PM	168300.000	12.148	17.649	27.689	1831.751	2130.956	1.449	1.100
545.926	1.000	14.761						
11/11/2016 9:00:00 PM	169200.000	12.148	17.650	27.690	1831.357	2130.435	1.449	1.100
546.043	1.000	14.764						
11/11/2016 9:15:00 PM	170100.000	12.150	17.649	27.693	1831.467	2130.593	1.449	1.100
546.010	1.000	14.759						
11/11/2016 9:30:00 PM	171000.000	12.147	17.649	27.686	1831.868	2131.068	1.449	1.100
545.891	1.000	14.760						
11/11/2016 9:45:00 PM	171900.000	12.143	17.649	27.679	1832.701	2132.066	1.450	1.101
545.643	1.000	14.762						
11/11/2016 10:00:00 PM	172800.000	12.131	17.650	27.651	1831.582	2130.688	1.449	1.100
545.976	1.000	14.777						
11/11/2016 10:15:00 PM	173700.000	12.131	17.647	27.651	1831.438	2130.655	1.449	1.100
546.019	1.000	14.777						
11/11/2016 10:30:00 PM	174600.000	12.143	17.649	27.678	1831.157	2130.244	1.449	1.100
546.103	1.000	14.766						
11/11/2016 10:45:00 PM	175500.000	12.138	17.648	27.666	1831.799	2131.045	1.449	1.100
545.912	1.000	14.773						
11/11/2016 11:00:00 PM	176400.000	12.141	17.650	27.673	1831.450	2130.568	1.449	1.100
546.016	1.000	14.776						
11/11/2016 11:15:00 PM	177300.000	12.131	17.649	27.651	1832.122	2131.380	1.449	1.100
545.815	1.000	14.781						
11/11/2016 11:30:00 PM	178200.000	12.132	17.650	27.652	1832.140	2131.342	1.449	1.100
545.810	1.000	14.782						
11/11/2016 11:45:00 PM	179100.000	12.134	17.650	27.657	1833.002	2132.374	1.450	1.101
545.553	1.000	14.781						
11/12/2016 12:00:00 AM	180000.000	12.144	17.649	27.679	1833.113	2132.549	1.450	1.101
545.520	1.000	14.774						
11/12/2016 12:15:00 AM	180900.000	12.145	17.649	27.683	1833.631	2133.122	1.451	1.101
545.366	1.000	14.773						
11/12/2016 12:30:00 AM	181800.000	12.139	17.650	27.670	1834.485	2134.066	1.451	1.102

545.112	1.000	14.778						
11/12/2016 12:45:00 AM	182700.000	12.135	17.648	27.660	1834.775	2134.524	1.451	1.102
545.026	1.000	14.783						
11/12/2016 1:00:00 AM	183600.000	12.144	17.649	27.681	1832.264	2131.540	1.449	1.100
545.773	1.000	14.776						
11/12/2016 1:15:00 AM	184500.000	12.141	17.650	27.673	1832.251	2131.496	1.449	1.100
545.777	1.000	14.777						
11/12/2016 1:30:00 AM	185400.000	12.143	17.650	27.677	1832.265	2131.492	1.449	1.100
545.773	1.000	14.777						
11/12/2016 1:45:00 AM	186300.000	12.139	17.650	27.668	1833.004	2132.376	1.450	1.101
545.552	1.000	14.780						
11/12/2016 2:00:00 AM	187200.000	12.135	17.650	27.660	1834.054	2133.578	1.451	1.101
545.240	1.000	14.785						
11/12/2016 2:15:00 AM	188100.000	12.142	17.649	27.674	1835.697	2135.525	1.452	1.102
544.752	1.000	14.778						
11/12/2016 2:30:00 AM	189000.000	12.139	17.649	27.668	1835.026	2134.741	1.452	1.102
544.952	1.000	14.780						
11/12/2016 2:45:00 AM	189900.000	12.141	17.650	27.672	1834.464	2134.046	1.451	1.102
545.118	1.000	14.781						
11/12/2016 3:00:00 AM	190800.000	12.138	17.649	27.667	1834.273	2133.883	1.451	1.102
545.175	1.000	14.783						
11/12/2016 3:15:00 AM	191700.000	12.138	17.650	27.667	1834.417	2134.012	1.451	1.102
545.132	1.000	14.780						
11/12/2016 3:30:00 AM	192600.000	12.137	17.650	27.663	1833.984	2133.512	1.451	1.101
545.261	1.000	14.786						
11/12/2016 3:45:00 AM	193500.000	12.144	17.649	27.681	1834.794	2134.492	1.451	1.102
545.020	1.000	14.778						
11/12/2016 4:00:00 AM	194400.000	12.141	17.649	27.673	1833.990	2133.548	1.451	1.101
545.259	1.000	14.783						
11/12/2016 4:15:00 AM	195300.000	12.142	17.649	27.676	1833.309	2132.773	1.450	1.101
545.462	1.000	14.783						
11/12/2016 4:30:00 AM	196200.000	12.143	17.650	27.677	1833.071	2132.446	1.450	1.101
545.532	1.000	14.783						
11/12/2016 4:45:00 AM	197100.000	12.140	17.649	27.671	1832.652	2131.980	1.450	1.101
545.657	1.000	14.784						
11/12/2016 5:00:00 AM	198000.000	12.147	17.650	27.686	1833.459	2132.893	1.450	1.101
545.417	1.000	14.778						
11/12/2016 5:15:00 AM	198900.000	12.141	17.649	27.673	1833.516	2133.014	1.450	1.101
545.400	1.000	14.784						
11/12/2016 5:30:00 AM	199800.000	12.146	17.649	27.685	1831.116	2130.205	1.449	1.100
546.115	1.000	14.778						
11/12/2016 5:45:00 AM	200700.000	12.152	17.649	27.698	1830.349	2129.301	1.448	1.099
546.344	1.000	14.775						
11/12/2016 6:00:00 AM	201600.000	12.135	17.651	27.660	1830.999	2129.990	1.448	1.099
546.150	1.000	14.791						
11/12/2016 6:15:00 AM	202500.000	12.142	17.650	27.675	1831.496	2130.585	1.449	1.100
546.002	1.000	14.784						
11/12/2016 6:30:00 AM	203400.000	12.142	17.650	27.674	1832.160	2131.394	1.449	1.100
545.804	1.000	14.786						
11/12/2016 6:45:00 AM	204300.000	12.140	17.650	27.671	1832.749	2132.080	1.450	1.101
545.628	1.000	14.789						
11/12/2016 7:00:00 AM	205200.000	12.136	17.650	27.662	1832.953	2132.305	1.450	1.101
545.568	1.000	14.792						
11/12/2016 7:15:00 AM	206100.000	12.136	17.650	27.661	1833.269	2132.673	1.450	1.101
545.474	1.000	14.794						
11/12/2016 7:30:00 AM	207000.000	12.132	17.650	27.652	1833.542	2132.990	1.450	1.101
545.393	1.000	14.800						
11/12/2016 7:45:00 AM	207900.000	12.134	17.648	27.656	1834.928	2134.677	1.452	1.102
544.981	1.000	14.801						
11/12/2016 8:00:00 AM	208800.000	12.137	17.648	27.664	1834.159	2133.787	1.451	1.102
545.209	1.000	14.798						
11/12/2016 8:15:00 AM	209700.000	12.131	17.650	27.649	1831.518	2130.644	1.449	1.100
545.995	1.000	14.805						
11/12/2016 8:30:00 AM	210600.000	12.129	17.650	27.646	1831.660	2130.801	1.449	1.100
545.953	1.000	14.808						
11/12/2016 8:45:00 AM	211500.000	12.127	17.649	27.642	1832.237	2131.505	1.449	1.100
545.781	1.000	14.811						
11/12/2016 9:00:00 AM	212400.000	12.142	17.650	27.676	1833.316	2132.698	1.450	1.101
545.460	1.000	14.802						
11/12/2016 9:15:00 AM	213300.000	12.136	17.649	27.663	1834.649	2134.307	1.451	1.102
545.063	1.000	14.806						
11/12/2016 9:30:00 AM	214200.000	12.140	17.649	27.670	1834.646	2134.316	1.451	1.102
545.064	1.000	14.803						
11/12/2016 9:45:00 AM	215100.000	12.140	17.650	27.671	1834.064	2133.601	1.451	1.101
545.237	1.000	14.803						
11/12/2016 10:00:00 AM	216000.000	12.143	17.649	27.677	1833.944	2133.486	1.451	1.101
545.273	1.000	14.802						
11/12/2016 10:15:00 AM	216900.000	12.140	17.649	27.672	1834.556	2134.215	1.451	1.102
545.091	1.000	14.804						
11/12/2016 10:30:00 AM	217800.000	12.142	17.649	27.676	1833.836	2133.349	1.451	1.101
545.305	1.000	14.802						
11/12/2016 10:45:00 AM	218700.000	12.151	17.650	27.696	1831.847	2131.010	1.449	1.100
545.897	1.000	14.794						
11/12/2016 11:00:00 AM	219600.000	12.148	17.649	27.689	1831.680	2130.845	1.449	1.100
545.947	1.000	14.795						
11/12/2016 11:15:00 AM	220500.000	12.151	17.649	27.696	1834.190	2133.781	1.451	1.102
545.200	1.000	14.792						
11/12/2016 11:30:00 AM	221400.000	12.154	17.649	27.702	1833.635	2133.143	1.451	1.101
545.365	1.000	14.789						
11/12/2016 11:45:00 AM	222300.000	12.155	17.649	27.706	1832.688	2132.030	1.450	1.101
545.647	1.000	14.784						
11/12/2016 12:00:00 PM	223200.000	12.160	17.650	27.715	1833.351	2132.739	1.450	1.101
545.449	1.000	14.779						
11/12/2016 12:15:00 PM	224100.000	12.161	17.649	27.719	1833.604	2133.087	1.450	1.101
545.374	1.000	14.776						
11/12/2016 12:30:00 PM	225000.000	12.162	17.649	27.722	1834.254	2133.846	1.451	1.102
545.181	1.000	14.772						
11/12/2016 12:45:00 PM	225900.000	12.161	17.651	27.718	1832.645	2131.885	1.450	1.100
545.659	1.000	14.774						
11/12/2016 1:00:00 PM	226800.000	12.160	17.650	27.717	1832.546	2131.844	1.450	1.100
545.689	1.000	14.771						
11/12/2016 1:15:00 PM	227700.000	12.156	17.649	27.707	1834.074	2133.625	1.451	1.101
545.234	1.000	14.774						
11/12/2016 1:30:00 PM	228600.000	12.163	17.651	27.724	1834.455	2134.002	1.451	1.102
545.121	1.000	14.764						
11/12/2016 1:45:00 PM	229500.000	12.157	17.649	27.709	1835.513	2135.325	1.452	1.102
544.807	1.000	14.770						
11/12/2016 2:00:00 PM	230400.000	12.146	17.648	27.685	1835.153	2134.947	1.452	1.102
544.914	1.000	14.779						
11/12/2016 2:15:00 PM	231300.000	12.153	17.649	27.702	1836.124	2136.027	1.452	1.103
544.625	1.000	14.772						
11/12/2016 2:30:00 PM	232200.000	12.152	17.650	27.698	1837.013	2137.028	1.453	1.103
544.362	1.000	14.773						
11/12/2016 2:45:00 PM	233100.000	12.152	17.649	27.699	1836.888	2136.927	1.453	1.103
544.399	1.000	14.770						
11/12/2016 3:00:00 PM	234000.000	12.149	17.650	27.692	1836.448	2136.370	1.453	1.103
544.530	1.000	14.775						
11/12/2016 3:15:00 PM	234900.000	12.149	17.649	27.691	1835.809	2135.656	1.452	1.103
544.719	1.000	14.775						
11/12/2016 3:30:00 PM	235800.000	12.151	17.650	27.696	1834.069	2133.611	1.451	1.101
545.236	1.000	14.773						
11/12/2016 3:45:00 PM	236700.000	12.151	17.650	27.697	1833.758	2133.250	1.451	1.101
545.328	1.000	14.771						
11/12/2016 4:00:00 PM	237600.000	12.156	17.650	27.706	1834.018	2133.540	1.451	1.101
545.251	1.000	14.767						
11/12/2016 4:15:00 PM	238500.000	12.142	17.650	27.676	1834.187	2133.744	1.451	1.101
545.201	1.000	14.775						
11/12/2016 4:30:00 PM	239400.000	12.148	17.649	27.689	1835.612	2135.424	1.452	1.102
544.777	1.000	14.773						
11/12/2016 4:45:00 PM	240300.000	12.147	17.650	27.687	1836.310	2136.222	1.453	1.103
544.570	1.000	14.775						
11/12/2016 5:00:00 PM	241200.000	12.146	17.650	27.683	1836.719	2136.682	1.453	1.103
544.449	1.000	14.777						

11/12/2016 5:15:00 PM	242100.000	12.145	17.648	27.682	1835.896	2135.799	1.452	1.103
544.693	1.000	14.778						
11/12/2016 5:30:00 PM	243000.000	12.144	17.651	27.681	1833.108	2132.435	1.450	1.101
545.521	1.000	14.778						
11/12/2016 5:45:00 PM	243900.000	12.141	17.650	27.673	1832.597	2131.887	1.450	1.100
545.674	1.000	14.782						
11/12/2016 6:00:00 PM	244800.000	12.144	17.650	27.681	1831.782	2130.938	1.449	1.100
545.917	1.000	14.779						
11/12/2016 6:15:00 PM	245700.000	12.139	17.649	27.668	1833.279	2132.718	1.450	1.101
545.471	1.000	14.785						
11/12/2016 6:30:00 PM	246600.000	12.145	17.650	27.682	1833.207	2132.567	1.450	1.101
545.492	1.000	14.780						
11/12/2016 6:45:00 PM	247500.000	12.146	17.650	27.684	1833.757	2133.215	1.451	1.101
545.328	1.000	14.780						
11/12/2016 7:00:00 PM	248400.000	12.141	17.650	27.674	1834.086	2133.602	1.451	1.101
545.231	1.000	14.784						
11/12/2016 7:15:00 PM	249300.000	12.142	17.649	27.676	1834.327	2133.948	1.451	1.102
545.159	1.000	14.783						
11/12/2016 7:30:00 PM	250200.000	12.150	17.648	27.694	1834.399	2134.049	1.451	1.102
545.138	1.000	14.774						
11/12/2016 7:45:00 PM	251100.000	12.152	17.649	27.699	1833.924	2133.476	1.451	1.101
545.279	1.000	14.774						
11/12/2016 8:00:00 PM	252000.000	12.148	17.649	27.689	1833.250	2132.671	1.450	1.101
545.479	1.000	14.777						
11/12/2016 8:15:00 PM	252900.000	12.150	17.648	27.694	1833.475	2132.978	1.450	1.101
545.412	1.000	14.774						
11/12/2016 8:30:00 PM	253800.000	12.141	17.648	27.673	1833.683	2133.216	1.451	1.101
545.350	1.000	14.782						
11/12/2016 8:45:00 PM	254700.000	12.142	17.649	27.676	1832.150	2131.416	1.449	1.100
545.807	1.000	14.782						
11/12/2016 9:00:00 PM	255600.000	12.143	17.648	27.677	1832.299	2131.618	1.450	1.100
545.763	1.000	14.783						
11/12/2016 9:15:00 PM	256500.000	12.143	17.648	27.677	1832.187	2131.484	1.449	1.100
545.796	1.000	14.783						
11/12/2016 9:30:00 PM	257400.000	12.143	17.651	27.677	1832.938	2132.208	1.450	1.101
545.572	1.000	14.784						
11/12/2016 9:45:00 PM	258300.000	12.138	17.648	27.666	1832.689	2132.064	1.450	1.101
545.646	1.000	14.790						
11/12/2016 10:00:00 PM	259200.000	12.141	17.649	27.674	1831.935	2131.174	1.449	1.100
545.871	1.000	14.788						
11/12/2016 10:15:00 PM	260100.000	12.134	17.649	27.657	1833.168	2132.596	1.450	1.101
545.504	1.000	14.797						
11/12/2016 10:30:00 PM	261000.000	12.133	17.649	27.655	1833.045	2132.428	1.450	1.101
545.540	1.000	14.797						
11/12/2016 10:45:00 PM	261900.000	12.134	17.649	27.657	1834.138	2133.742	1.451	1.101
545.215	1.000	14.798						
11/12/2016 11:00:00 PM	262800.000	12.134	17.649	27.656	1834.436	2134.058	1.451	1.102
545.127	1.000	14.801						
11/12/2016 11:15:00 PM	263700.000	12.143	17.650	27.677	1832.893	2132.201	1.450	1.101
545.586	1.000	14.793						
11/12/2016 11:30:00 PM	264600.000	12.143	17.649	27.678	1833.875	2133.398	1.451	1.101
545.293	1.000	14.795						
11/12/2016 11:45:00 PM	265500.000	12.135	17.650	27.658	1833.618	2133.053	1.450	1.101
545.370	1.000	14.801						
11/13/2016 12:00:00 AM	266400.000	12.146	17.650	27.684	1833.715	2133.203	1.451	1.101
545.341	1.000	14.792						
11/13/2016 12:15:00 AM	267300.000	12.143	17.649	27.677	1833.859	2133.400	1.451	1.101
545.298	1.000	14.794						
11/13/2016 12:30:00 AM	268200.000	12.146	17.649	27.685	1833.050	2132.447	1.450	1.101
545.539	1.000	14.793						
11/13/2016 12:45:00 AM	269100.000	12.144	17.650	27.681	1831.786	2130.922	1.449	1.100
545.915	1.000	14.795						
11/13/2016 1:00:00 AM	270000.000	12.146	17.650	27.684	1831.914	2131.108	1.449	1.100
545.877	1.000	14.792						
11/13/2016 1:15:00 AM	270900.000	12.147	17.649	27.687	1833.060	2132.488	1.450	1.101
545.536	1.000	14.792						
11/13/2016 1:30:00 AM	271800.000	12.144	17.649	27.681	1832.891	2132.270	1.450	1.101
545.586	1.000	14.795						
11/13/2016 1:45:00 AM	272700.000	12.139	17.650	27.669	1833.978	2133.497	1.451	1.101
545.263	1.000	14.799						
11/13/2016 2:00:00 AM	273600.000	12.141	17.648	27.673	1834.008	2133.598	1.451	1.101
545.254	1.000	14.799						
11/13/2016 2:15:00 AM	274500.000	12.146	17.651	27.684	1834.296	2133.829	1.451	1.102
545.168	1.000	14.794						
11/13/2016 2:30:00 AM	275400.000	12.146	17.648	27.684	1835.505	2135.339	1.452	1.102
544.809	1.000	14.796						
11/13/2016 2:45:00 AM	276300.000	12.141	17.650	27.672	1834.349	2133.895	1.451	1.102
545.153	1.000	14.801						
11/13/2016 3:00:00 AM	277200.000	12.146	17.649	27.684	1834.966	2134.684	1.452	1.102
544.969	1.000	14.796						
11/13/2016 3:15:00 AM	278100.000	12.146	17.650	27.683	1833.554	2133.008	1.450	1.101
545.389	1.000	14.796						
11/13/2016 3:30:00 AM	279000.000	12.151	17.649	27.696	1835.040	2134.758	1.452	1.102
544.947	1.000	14.790						
11/13/2016 3:45:00 AM	279900.000	12.147	17.650	27.686	1834.966	2134.650	1.452	1.102
544.969	1.000	14.795						
11/13/2016 4:00:00 AM	280800.000	12.153	17.649	27.700	1835.279	2135.053	1.452	1.102
544.876	1.000	14.788						
11/13/2016 4:15:00 AM	281700.000	12.150	17.651	27.694	1834.621	2134.204	1.451	1.102
545.072	1.000	14.791						
11/13/2016 4:30:00 AM	282600.000	12.148	17.650	27.690	1835.289	2135.002	1.452	1.102
544.873	1.000	14.793						
11/13/2016 4:45:00 AM	283500.000	12.145	17.649	27.681	1835.415	2135.206	1.452	1.102
544.836	1.000	14.796						
11/13/2016 5:00:00 AM	284400.000	12.145	17.648	27.682	1835.978	2135.890	1.452	1.103
544.669	1.000	14.797						
11/13/2016 5:15:00 AM	285300.000	12.143	17.649	27.678	1835.413	2135.187	1.452	1.102
544.837	1.000	14.798						
11/13/2016 5:30:00 AM	286200.000	12.150	17.649	27.694	1834.657	2134.329	1.451	1.102
545.061	1.000	14.792						
11/13/2016 5:45:00 AM	287100.000	12.147	17.648	27.687	1834.737	2134.489	1.451	1.102
545.037	1.000	14.796						
11/13/2016 6:00:00 AM	288000.000	12.142	17.650	27.674	1833.595	2133.047	1.450	1.101
545.377	1.000	14.801						
11/13/2016 6:15:00 AM	288900.000	12.143	17.649	27.678	1834.068	2133.647	1.451	1.101
545.236	1.000	14.800						
11/13/2016 6:30:00 AM	289800.000	12.142	17.651	27.676	1834.656	2134.245	1.451	1.102
545.061	1.000	14.803						
11/13/2016 6:45:00 AM	290700.000	12.140	17.650	27.672	1835.180	2134.888	1.452	1.102
544.906	1.000	14.805						
11/13/2016 7:00:00 AM	291600.000	12.137	17.650	27.663	1836.184	2136.060	1.453	1.103
544.608	1.000	14.810						
11/13/2016 7:15:00 AM	292500.000	12.139	17.651	27.668	1836.494	2136.362	1.453	1.103
544.516	1.000	14.807						
11/13/2016 7:30:00 AM	293400.000	12.129	17.648	27.646	1835.182	2134.973	1.452	1.102
544.905	1.000	14.818						
11/13/2016 7:45:00 AM	294300.000	12.137	17.650	27.664	1833.815	2133.286	1.451	1.101
545.311	1.000	14.813						
11/13/2016 8:00:00 AM	295200.000	12.138	17.650	27.666	1833.485	2132.927	1.450	1.101
545.409	1.000	14.811						
11/13/2016 8:15:00 AM	296100.000	12.132	17.649	27.653	1833.548	2133.014	1.450	1.101
545.391	1.000	14.820						
11/13/2016 8:30:00 AM	297000.000	12.142	17.650	27.674	1833.443	2132.862	1.450	1.101
545.422	1.000	14.811						
11/13/2016 8:45:00 AM	297900.000	12.136	17.650	27.662	1832.846	2132.156	1.450	1.101
545.599	1.000	14.818						
11/13/2016 9:00:00 AM	298800.000	12.139	17.649	27.668	1832.808	2132.165	1.450	1.101
545.611	1.000	14.816						
11/13/2016 9:15:00 AM	299700.000	12.143	17.650	27.678	1833.059	2132.429	1.450	1.101
545.536	1.000	14.813						
11/13/2016 9:30:00 AM	300600.000	12.143	17.650	27.678	1833.495	2132.914	1.450	1.101
545.406	1.000	14.813						
11/13/2016 9:45:00 AM	301500.000	12.141	17.650	27.673	1832.791	2132.083	1.450	1.101

545.616	1.000	14.815						
11/13/2016 10:00:00 AM	302400.000	12.133	17.650	27.656	1833.570	2133.001	1.450	1.101
545.384	1.000	14.824						
11/13/2016 10:15:00 AM	303300.000	12.147	17.649	27.688	1834.056	2133.609	1.451	1.101
545.240	1.000	14.810						
11/13/2016 10:30:00 AM	304200.000	12.141	17.649	27.674	1834.505	2134.155	1.451	1.102
545.106	1.000	14.816						
11/13/2016 10:45:00 AM	305100.000	12.140	17.649	27.671	1834.931	2134.626	1.452	1.102
544.980	1.000	14.817						
11/13/2016 11:00:00 AM	306000.000	12.147	17.649	27.687	1835.406	2135.183	1.452	1.102
544.839	1.000	14.812						
11/13/2016 11:15:00 AM	306900.000	12.142	17.650	27.676	1835.384	2135.116	1.452	1.102
544.845	1.000	14.816						
11/13/2016 11:30:00 AM	307800.000	12.148	17.650	27.688	1836.906	2136.900	1.453	1.103
544.394	1.000	14.811						
11/13/2016 11:45:00 AM	308700.000	12.148	17.649	27.690	1838.078	2138.304	1.454	1.104
544.047	1.000	14.810						
11/13/2016 12:00:00 PM	309600.000	12.156	17.649	27.707	1836.639	2136.635	1.453	1.103
544.473	1.000	14.804						
11/13/2016 12:15:00 PM	310500.000	12.160	17.649	27.717	1835.463	2135.257	1.452	1.102
544.822	1.000	14.799						
11/13/2016 12:30:00 PM	311400.000	12.155	17.649	27.704	1834.758	2134.429	1.451	1.102
545.031	1.000	14.803						
11/13/2016 12:45:00 PM	312300.000	12.151	17.649	27.696	1835.142	2134.868	1.452	1.102
544.917	1.000	14.805						
11/13/2016 1:00:00 PM	313200.000	12.154	17.649	27.702	1834.316	2133.932	1.451	1.102
545.162	1.000	14.802						
11/13/2016 1:15:00 PM	314100.000	12.150	17.649	27.693	1833.873	2133.404	1.451	1.101
545.294	1.000	14.805						
11/13/2016 1:30:00 PM	315000.000	12.152	17.649	27.699	1834.990	2134.716	1.452	1.102
544.962	1.000	14.803						
11/13/2016 1:45:00 PM	315900.000	12.156	17.649	27.708	1834.387	2133.993	1.451	1.102
545.141	1.000	14.796						
11/13/2016 2:00:00 PM	316800.000	12.152	17.650	27.698	1833.499	2132.936	1.450	1.101
545.405	1.000	14.801						
11/13/2016 2:15:00 PM	317700.000	12.155	17.650	27.705	1832.696	2131.998	1.450	1.101
545.644	1.000	14.797						
11/13/2016 2:30:00 PM	318600.000	12.152	17.649	27.698	1833.025	2132.409	1.450	1.101
545.546	1.000	14.800						
11/13/2016 2:45:00 PM	319500.000	12.157	17.649	27.709	1833.889	2133.431	1.451	1.101
545.289	1.000	14.795						
11/13/2016 3:00:00 PM	320400.000	12.149	17.650	27.692	1833.664	2133.128	1.451	1.101
545.356	1.000	14.802						
11/13/2016 3:15:00 PM	321300.000	12.149	17.649	27.691	1834.505	2134.131	1.451	1.102
545.106	1.000	14.801						
11/13/2016 3:30:00 PM	322200.000	12.148	17.650	27.690	1834.927	2134.585	1.452	1.102
544.981	1.000	14.802						
11/13/2016 3:45:00 PM	323100.000	12.145	17.649	27.683	1835.201	2134.970	1.452	1.102
544.899	1.000	14.805						
11/13/2016 4:00:00 PM	324000.000	12.149	17.650	27.692	1834.760	2134.377	1.451	1.102
545.031	1.000	14.801						
11/13/2016 4:15:00 PM	324900.000	12.147	17.650	27.688	1835.232	2134.965	1.452	1.102
544.890	1.000	14.803						
11/13/2016 4:30:00 PM	325800.000	12.149	17.650	27.692	1835.659	2135.465	1.452	1.102
544.764	1.000	14.801						
11/13/2016 4:45:00 PM	326700.000	12.144	17.650	27.679	1836.203	2136.061	1.453	1.103
544.602	1.000	14.807						
11/13/2016 5:00:00 PM	327600.000	12.151	17.651	27.696	1838.117	2138.262	1.454	1.104
544.035	1.000	14.801						
11/13/2016 5:15:00 PM	328500.000	12.147	17.649	27.687	1837.335	2137.428	1.453	1.103
544.266	1.000	14.803						
11/13/2016 5:30:00 PM	329400.000	12.149	17.651	27.692	1836.204	2136.045	1.453	1.103
544.602	1.000	14.802						
11/13/2016 5:45:00 PM	330300.000	12.142	17.650	27.676	1837.250	2137.296	1.453	1.103
544.292	1.000	14.808						
11/13/2016 6:00:00 PM	331200.000	12.151	17.650	27.696	1835.649	2135.437	1.452	1.102
544.767	1.000	14.800						
11/13/2016 6:15:00 PM	332100.000	12.145	17.650	27.681	1835.833	2135.667	1.452	1.103
544.712	1.000	14.806						
11/13/2016 6:30:00 PM	333000.000	12.148	17.650	27.689	1836.915	2136.906	1.453	1.103
544.391	1.000	14.805						
11/13/2016 6:45:00 PM	333900.000	12.143	17.650	27.679	1837.057	2137.054	1.453	1.103
544.349	1.000	14.809						
11/13/2016 7:00:00 PM	334800.000	12.144	17.650	27.680	1836.668	2136.601	1.453	1.103
544.464	1.000	14.809						
11/13/2016 7:15:00 PM	335700.000	12.136	17.649	27.661	1836.940	2136.960	1.453	1.103
544.384	1.000	14.818						
11/13/2016 7:30:00 PM	336600.000	12.141	17.649	27.673	1835.802	2135.661	1.452	1.103
544.721	1.000	14.815						
11/13/2016 7:45:00 PM	337500.000	12.141	17.650	27.674	1834.976	2134.634	1.452	1.102
544.966	1.000	14.814						
11/13/2016 8:00:00 PM	338400.000	12.143	17.650	27.678	1833.780	2133.271	1.451	1.101
545.322	1.000	14.812						
11/13/2016 8:15:00 PM	339300.000	12.143	17.649	27.677	1833.409	2132.856	1.450	1.101
545.432	1.000	14.813						
11/13/2016 8:30:00 PM	340200.000	12.146	17.650	27.685	1832.790	2132.115	1.450	1.101
545.616	1.000	14.811						
11/13/2016 8:45:00 PM	341100.000	12.147	17.650	27.687	1833.628	2133.082	1.450	1.101
545.367	1.000	14.810						
11/13/2016 9:00:00 PM	342000.000	12.145	17.650	27.682	1833.432	2132.875	1.450	1.101
545.425	1.000	14.813						
11/13/2016 9:15:00 PM	342900.000	12.141	17.649	27.673	1832.525	2131.823	1.450	1.100
545.695	1.000	14.817						
11/13/2016 9:30:00 PM	343800.000	12.143	17.649	27.677	1833.132	2132.538	1.450	1.101
545.515	1.000	14.818						
11/13/2016 9:45:00 PM	344700.000	12.147	17.650	27.686	1834.033	2133.545	1.451	1.101
545.246	1.000	14.813						
11/13/2016 10:00:00 PM	345600.000	12.142	17.650	27.676	1834.367	2133.933	1.451	1.102
545.147	1.000	14.817						
11/13/2016 10:15:00 PM	346500.000	12.139	17.651	27.667	1835.016	2134.663	1.452	1.102
544.954	1.000	14.822						
11/13/2016 10:30:00 PM	347400.000	12.137	17.649	27.665	1835.503	2135.304	1.452	1.102
544.810	1.000	14.819						
11/13/2016 10:45:00 PM	348300.000	12.143	17.651	27.679	1835.572	2135.314	1.452	1.102
544.789	1.000	14.818						
11/13/2016 11:00:00 PM	349200.000	12.143	17.650	27.678	1836.980	2136.993	1.453	1.103
544.372	1.000	14.819						
11/13/2016 11:15:00 PM	350100.000	12.145	17.649	27.682	1834.718	2134.379	1.451	1.102
545.043	1.000	14.818						
11/13/2016 11:30:00 PM	351000.000	12.141	17.650	27.674	1834.870	2134.539	1.451	1.102
544.998	1.000	14.823						
11/13/2016 11:45:00 PM	351900.000	12.150	17.649	27.694	1834.756	2134.439	1.451	1.102
545.032	1.000	14.815						
11/14/2016 12:00:00 AM	352800.000	12.145	17.650	27.682	1834.957	2134.624	1.452	1.102
544.972	1.000	14.821						
11/14/2016 12:15:00 AM	353700.000	12.150	17.651	27.693	1835.948	2135.748	1.452	1.103
544.678	1.000	14.814						
11/14/2016 12:30:00 AM	354600.000	12.148	17.647	27.688	1837.905	2138.177	1.454	1.104
544.098	1.000	14.817						
11/14/2016 12:45:00 AM	355500.000	12.149	17.649	27.690	1835.527	2135.328	1.452	1.102
544.803	1.000	14.815						
11/14/2016 1:00:00 AM	356400.000	12.148	17.650	27.688	1833.503	2132.932	1.450	1.101
545.404	1.000	14.816						
11/14/2016 1:15:00 AM	357300.000	12.149	17.648	27.691	1832.254	2131.582	1.449	1.100
545.776	1.000	14.815						
11/14/2016 1:30:00 AM	358200.000	12.150	17.648	27.694	1832.739	2132.131	1.450	1.101
545.631	1.000	14.813						
11/14/2016 1:45:00 AM	359100.000	12.149	17.647	27.692	1833.579	2133.157	1.451	1.101
545.382	1.000	14.814						
11/14/2016 2:00:00 AM	360000.000	12.146	17.649	27.685	1831.340	2130.486	1.449	1.100
546.048	1.000	14.818						
11/14/2016 2:15:00 AM	360900.000	12.148	17.648	27.690	1830.526	2129.552	1.448	1.099
546.291	1.000	14.816						

11/14/2016 2:30:00 AM	361800.000	12.156	17.650	27.707	1830.755	2129.727	1.448	1.099
546.223	1.000	14.808						
11/14/2016 2:45:00 AM	362700.000	12.147	17.650	27.687	1830.948	2129.985	1.448	1.099
546.165	1.000	14.815						
11/14/2016 3:00:00 AM	363600.000	12.150	17.650	27.693	1832.196	2131.428	1.449	1.100
545.793	1.000	14.813						
11/14/2016 3:15:00 AM	364500.000	12.155	17.651	27.704	1834.832	2134.453	1.451	1.102
545.009	1.000	14.809						
11/14/2016 3:30:00 AM	365400.000	12.154	17.650	27.703	1837.614	2137.735	1.454	1.104
544.184	1.000	14.809						
11/14/2016 3:45:00 AM	366300.000	12.151	17.650	27.696	1837.051	2137.042	1.453	1.103
544.351	1.000	14.811						
11/14/2016 4:00:00 AM	367200.000	12.150	17.649	27.694	1839.900	2140.404	1.455	1.105
543.508	1.000	14.813						
11/14/2016 4:15:00 AM	368100.000	12.153	17.650	27.701	1839.005	2139.358	1.455	1.105
543.772	1.000	14.809						
11/14/2016 4:30:00 AM	369000.000	12.149	17.650	27.692	1837.039	2137.024	1.453	1.103
544.354	1.000	14.813						
11/14/2016 4:45:00 AM	369900.000	12.151	17.649	27.696	1835.196	2134.964	1.452	1.102
544.901	1.000	14.810						
11/14/2016 5:00:00 AM	370800.000	12.152	17.650	27.699	1835.898	2135.739	1.452	1.103
544.693	1.000	14.811						
11/14/2016 5:15:00 AM	371700.000	12.152	17.650	27.698	1835.920	2135.749	1.452	1.103
544.686	1.000	14.810						
11/14/2016 5:30:00 AM	372600.000	12.153	17.651	27.700	1835.806	2135.577	1.452	1.102
544.720	1.000	14.808						
11/14/2016 5:45:00 AM	373500.000	12.150	17.649	27.693	1834.490	2134.126	1.451	1.102
545.111	1.000	14.812						
11/14/2016 6:00:00 AM	374400.000	12.153	17.650	27.701	1831.717	2130.850	1.449	1.100
545.936	1.000	14.808						
11/14/2016 6:15:00 AM	375300.000	12.149	17.651	27.692	1830.925	2129.895	1.448	1.099
546.172	1.000	14.811						
11/14/2016 6:30:00 AM	376200.000	12.153	17.650	27.701	1832.615	2131.895	1.450	1.100
545.668	1.000	14.808						
11/14/2016 6:45:00 AM	377100.000	12.152	17.651	27.699	1833.180	2132.523	1.450	1.101
545.500	1.000	14.808						
11/14/2016 7:00:00 AM	378000.000	12.147	17.649	27.686	1832.016	2131.240	1.449	1.100
545.847	1.000	14.815						
11/14/2016 7:15:00 AM	378900.000	12.141	17.650	27.673	1831.731	2130.891	1.449	1.100
545.932	1.000	14.821						
11/14/2016 7:30:00 AM	379800.000	12.149	17.649	27.690	1833.048	2132.432	1.450	1.101
545.539	1.000	14.814						
11/14/2016 7:45:00 AM	380700.000	12.142	17.650	27.674	1831.874	2131.042	1.449	1.100
545.889	1.000	14.822						
11/14/2016 8:00:00 AM	381600.000	12.140	17.649	27.670	1833.079	2132.484	1.450	1.101
545.530	1.000	14.825						
11/14/2016 8:15:00 AM	382500.000	12.147	17.650	27.687	1833.271	2132.667	1.450	1.101
545.473	1.000	14.818						
11/14/2016 8:30:00 AM	383400.000	12.141	17.649	27.674	1833.598	2133.072	1.450	1.101
545.376	1.000	14.825						
11/14/2016 8:45:00 AM	384300.000	12.148	17.652	27.688	1834.406	2133.883	1.451	1.102
545.135	1.000	14.819						
11/14/2016 9:00:00 AM	385200.000	12.140	17.650	27.671	1835.692	2135.469	1.452	1.102
544.754	1.000	14.828						
11/14/2016 9:15:00 AM	386100.000	12.145	17.649	27.681	1835.196	2134.930	1.452	1.102
544.901	1.000	14.824						
11/14/2016 9:30:00 AM	387000.000	12.146	17.650	27.685	1834.937	2134.616	1.452	1.102
544.978	1.000	14.824						
11/14/2016 9:45:00 AM	387900.000	12.143	17.650	27.677	1834.815	2134.471	1.451	1.102
545.014	1.000	14.827						
11/14/2016 10:00:00 AM	388800.000	12.155	17.650	27.706	1834.418	2133.979	1.451	1.102
545.132	1.000	14.814						
11/14/2016 10:15:00 AM	389700.000	12.153	17.649	27.700	1834.897	2134.609	1.452	1.102
544.990	1.000	14.815						
11/14/2016 10:30:00 AM	390600.000	12.152	17.650	27.698	1833.499	2132.948	1.450	1.101
545.405	1.000	14.818						
11/14/2016 10:45:00 AM	391500.000	12.149	17.650	27.691	1832.316	2131.556	1.449	1.100
545.757	1.000	14.820						
11/14/2016 11:00:00 AM	392400.000	12.152	17.651	27.698	1832.321	2131.516	1.449	1.100
545.756	1.000	14.812						
11/14/2016 11:15:00 AM	393300.000	12.156	17.649	27.708	1832.881	2132.271	1.450	1.101
545.589	1.000	14.813						
11/14/2016 11:30:00 AM	394200.000	12.157	17.649	27.709	1832.832	2132.206	1.450	1.101
545.604	1.000	14.809						
11/14/2016 11:45:00 AM	395100.000	12.161	17.650	27.719	1832.779	2132.094	1.450	1.101
545.619	1.000	14.805						
11/14/2016 12:00:00 PM	396000.000	12.160	17.650	27.717	1834.776	2134.413	1.451	1.102
545.026	1.000	14.804						
11/14/2016 12:15:00 PM	396900.000	12.160	17.650	27.717	1835.016	2134.676	1.452	1.102
544.954	1.000	14.803						
11/14/2016 12:30:00 PM	397800.000	12.162	17.651	27.722	1839.460	2139.837	1.455	1.105
543.638	1.000	14.798						
11/14/2016 12:45:00 PM	398700.000	12.167	17.650	27.732	1838.176	2138.380	1.454	1.104
544.018	1.000	14.798						
11/14/2016 1:00:00 PM	399600.000	12.161	17.649	27.719	1838.165	2138.393	1.454	1.104
544.021	1.000	14.796						
11/14/2016 1:15:00 PM	400500.000	12.154	17.650	27.704	1831.578	2130.705	1.449	1.100
545.977	1.000	14.799						
11/14/2016 1:30:00 PM	401400.000	12.158	17.650	27.712	1834.647	2134.276	1.451	1.102
545.064	1.000	14.797						
11/14/2016 1:45:00 PM	402300.000	12.158	17.649	27.711	1832.552	2131.864	1.450	1.100
545.687	1.000	14.796						
11/14/2016 2:00:00 PM	403200.000	12.165	17.650	27.727	1831.008	2130.017	1.448	1.099
546.147	1.000	14.788						
11/14/2016 2:15:00 PM	404100.000	12.158	17.650	27.712	1832.636	2131.903	1.450	1.100
545.662	1.000	14.793						
11/14/2016 2:30:00 PM	405000.000	12.162	17.649	27.722	1833.693	2133.190	1.451	1.101
545.348	1.000	14.790						
11/14/2016 2:45:00 PM	405900.000	12.156	17.650	27.708	1834.519	2134.105	1.451	1.102
545.102	1.000	14.795						
11/14/2016 3:00:00 PM	406800.000	12.156	17.650	27.707	1835.312	2135.015	1.452	1.102
544.867	1.000	14.794						
11/14/2016 3:15:00 PM	407700.000	12.153	17.650	27.701	1835.919	2135.730	1.452	1.103
544.686	1.000	14.796						
11/14/2016 3:30:00 PM	408600.000	12.155	17.649	27.704	1837.418	2137.536	1.454	1.104
544.242	1.000	14.795						
11/14/2016 3:45:00 PM	409500.000	12.154	17.651	27.704	1835.793	2135.563	1.452	1.102
544.724	1.000	14.797						
11/14/2016 4:00:00 PM	410400.000	12.156	17.650	27.707	1835.483	2135.231	1.452	1.102
544.816	1.000	14.794						
11/14/2016 4:15:00 PM	411300.000	12.151	17.652	27.695	1836.384	2136.201	1.453	1.103
544.548	1.000	14.799						
11/14/2016 4:30:00 PM	412200.000	12.150	17.649	27.693	1836.731	2136.725	1.453	1.103
544.446	1.000	14.801						
11/14/2016 4:45:00 PM	413100.000	12.150	17.649	27.693	1836.595	2136.567	1.453	1.103
544.486	1.000	14.800						
11/14/2016 5:00:00 PM	414000.000	12.154	17.650	27.702	1836.350	2136.269	1.453	1.103
544.559	1.000	14.796						
11/14/2016 5:15:00 PM	414900.000	12.151	17.649	27.696	1835.315	2135.073	1.452	1.102
544.866	1.000	14.799						
11/14/2016 5:30:00 PM	415800.000	12.154	17.650	27.702	1835.662	2135.436	1.452	1.102
544.763	1.000	14.796						
11/14/2016 5:45:00 PM	416700.000	12.154	17.651	27.703	1836.338	2136.205	1.453	1.103
544.562	1.000	14.795						
11/14/2016 6:00:00 PM	417600.000	12.150	17.650	27.693	1836.821	2136.783	1.453	1.103
544.419	1.000	14.800						
11/14/2016 6:15:00 PM	418500.000	12.144	17.651	27.680	1836.446	2136.311	1.453	1.103
544.530	1.000	14.806						
11/14/2016 6:30:00 PM	419400.000	12.146	17.650	27.685	1837.196	2137.219	1.453	1.103
544.308	1.000	14.802						
11/14/2016 6:45:00 PM	420300.000	12.145	17.650	27.682	1839.915	2140.404	1.455	1.105
543.503	1.000	14.805						
11/14/2016 7:00:00 PM	421200.000	12.154	17.648	27.702	1839.277	2139.757	1.455	1.105

543.692	1.000	14.797						
11/14/2016 7:15:00 PM	422100.000	12.154	17.650	27.703	1833.359	2132.778	1.450	1.101
545.447	1.000	14.798						
11/14/2016 7:30:00 PM	423000.000	12.147	17.651	27.688	1834.042	2133.526	1.451	1.101
545.244	1.000	14.803						
11/14/2016 7:45:00 PM	423900.000	12.150	17.648	27.693	1834.266	2133.903	1.451	1.102
545.177	1.000	14.802						
11/14/2016 8:00:00 PM	424800.000	12.152	17.650	27.699	1833.871	2133.339	1.451	1.101
545.295	1.000	14.800						
11/14/2016 8:15:00 PM	425700.000	12.155	17.650	27.706	1834.740	2134.375	1.451	1.102
545.036	1.000	14.797						
11/14/2016 8:30:00 PM	426600.000	12.155	17.650	27.705	1834.543	2134.142	1.451	1.102
545.095	1.000	14.797						
11/14/2016 8:45:00 PM	427500.000	12.149	17.649	27.691	1834.816	2134.492	1.451	1.102
545.014	1.000	14.802						
11/14/2016 9:00:00 PM	428400.000	12.154	17.651	27.702	1834.198	2133.674	1.451	1.101
545.197	1.000	14.798						
11/14/2016 9:15:00 PM	429300.000	12.147	17.651	27.686	1833.926	2133.379	1.451	1.101
545.278	1.000	14.806						
11/14/2016 9:30:00 PM	430200.000	12.153	17.650	27.700	1834.366	2133.936	1.451	1.102
545.147	1.000	14.800						
11/14/2016 9:45:00 PM	431100.000	12.156	17.650	27.706	1835.140	2134.849	1.452	1.102
544.918	1.000	14.798						
11/14/2016 10:00:00 PM	432000.000	12.150	17.651	27.694	1835.882	2135.670	1.452	1.103
544.697	1.000	14.803						
11/14/2016 10:15:00 PM	432900.000	12.151	17.651	27.695	1836.250	2136.094	1.453	1.103
544.588	1.000	14.801						
11/14/2016 10:30:00 PM	433800.000	12.154	17.650	27.703	1837.681	2137.808	1.454	1.104
544.164	1.000	14.799						
11/14/2016 10:45:00 PM	434700.000	12.152	17.649	27.698	1839.009	2139.378	1.455	1.105
543.771	1.000	14.800						
11/14/2016 11:00:00 PM	435600.000	12.161	17.650	27.718	1836.596	2136.530	1.453	1.103
544.486	1.000	14.795						
11/14/2016 11:15:00 PM	436500.000	12.148	17.650	27.689	1835.820	2135.652	1.452	1.103
544.716	1.000	14.802						
11/14/2016 11:30:00 PM	437400.000	12.147	17.651	27.687	1834.938	2134.568	1.452	1.102
544.978	1.000	14.805						
11/14/2016 11:45:00 PM	438300.000	12.152	17.649	27.699	1833.018	2132.435	1.450	1.101
545.548	1.000	14.799						
11/15/2016 12:00:00 AM	439200.000	12.152	17.651	27.699	1832.818	2132.102	1.450	1.101
545.608	1.000	14.801						
11/15/2016 12:15:00 AM	440100.000	12.152	17.651	27.697	1834.153	2133.647	1.451	1.101
545.211	1.000	14.800						
11/15/2016 12:30:00 AM	441000.000	12.151	17.649	27.695	1834.771	2134.464	1.451	1.102
545.027	1.000	14.801						
11/15/2016 12:45:00 AM	441900.000	12.151	17.651	27.696	1836.458	2136.332	1.453	1.103
544.527	1.000	14.799						
11/15/2016 1:00:00 AM	442800.000	12.155	17.650	27.706	1836.652	2136.595	1.453	1.103
544.469	1.000	14.797						
11/15/2016 1:15:00 AM	443700.000	12.149	17.649	27.691	1840.092	2140.627	1.456	1.105
543.451	1.000	14.802						
11/15/2016 1:30:00 AM	444600.000	12.145	17.650	27.683	1838.585	2138.848	1.454	1.104
543.897	1.000	14.806						
11/15/2016 1:45:00 AM	445500.000	12.151	17.650	27.695	1835.769	2135.548	1.452	1.102
544.731	1.000	14.802						
11/15/2016 2:00:00 AM	446400.000	12.148	17.651	27.689	1836.194	2136.013	1.452	1.103
544.605	1.000	14.804						
11/15/2016 2:15:00 AM	447300.000	12.158	17.650	27.711	1836.138	2136.018	1.452	1.103
544.621	1.000	14.796						
11/15/2016 2:30:00 AM	448200.000	12.153	17.650	27.701	1837.106	2137.115	1.453	1.103
544.334	1.000	14.801						
11/15/2016 2:45:00 AM	449100.000	12.149	17.651	27.690	1837.562	2137.625	1.454	1.104
544.199	1.000	14.807						
11/15/2016 3:00:00 AM	450000.000	12.149	17.649	27.691	1835.233	2134.986	1.452	1.102
544.890	1.000	14.804						
11/15/2016 3:15:00 AM	450900.000	12.155	17.649	27.705	1835.567	2135.387	1.452	1.102
544.791	1.000	14.802						
11/15/2016 3:30:00 AM	451800.000	12.149	17.650	27.691	1834.919	2134.584	1.452	1.102
544.983	1.000	14.807						
11/15/2016 3:45:00 AM	452700.000	12.160	17.650	27.716	1835.598	2135.357	1.452	1.102
544.781	1.000	14.795						
11/15/2016 4:00:00 AM	453600.000	12.158	17.651	27.711	1834.932	2134.565	1.452	1.102
544.979	1.000	14.797						
11/15/2016 4:15:00 AM	454500.000	12.155	17.650	27.705	1835.622	2135.385	1.452	1.102
544.774	1.000	14.799						
11/15/2016 4:30:00 AM	455400.000	12.156	17.649	27.707	1834.484	2134.106	1.451	1.102
545.112	1.000	14.798						
11/15/2016 4:45:00 AM	456300.000	12.156	17.651	27.708	1835.495	2135.204	1.452	1.102
544.812	1.000	14.799						
11/15/2016 5:00:00 AM	457200.000	12.154	17.649	27.703	1836.966	2136.990	1.453	1.103
544.376	1.000	14.801						
11/15/2016 5:15:00 AM	458100.000	12.159	17.649	27.715	1836.397	2136.345	1.453	1.103
544.544	1.000	14.795						
11/15/2016 5:30:00 AM	459000.000	12.156	17.651	27.706	1834.155	2133.661	1.451	1.101
545.210	1.000	14.799						
11/15/2016 5:45:00 AM	459900.000	12.152	17.651	27.698	1833.709	2133.139	1.451	1.101
545.343	1.000	14.801						
11/15/2016 6:00:00 AM	460800.000	12.157	17.651	27.710	1834.180	2133.674	1.451	1.101
545.203	1.000	14.795						
11/15/2016 6:15:00 AM	461700.000	12.154	17.650	27.702	1834.180	2133.707	1.451	1.101
545.203	1.000	14.800						
11/15/2016 6:30:00 AM	462600.000	12.153	17.650	27.702	1834.134	2133.646	1.451	1.101
545.216	1.000	14.800						
11/15/2016 6:45:00 AM	463500.000	12.153	17.649	27.700	1834.802	2134.476	1.451	1.102
545.018	1.000	14.800						
11/15/2016 7:00:00 AM	464400.000	12.156	17.650	27.706	1831.018	2130.046	1.448	1.099
546.144	1.000	14.798						
11/15/2016 7:15:00 AM	465300.000	12.158	17.649	27.712	1831.788	2130.966	1.449	1.100
545.915	1.000	14.795						
11/15/2016 7:30:00 AM	466200.000	12.156	17.650	27.708	1832.815	2132.128	1.450	1.101
545.609	1.000	14.798						
11/15/2016 7:45:00 AM	467100.000	12.160	17.650	27.716	1833.492	2132.919	1.450	1.101
545.407	1.000	14.793						
11/15/2016 8:00:00 AM	468000.000	12.162	17.650	27.720	1835.592	2135.367	1.452	1.102
544.783	1.000	14.792						
11/15/2016 8:15:00 AM	468900.000	12.156	17.651	27.708	1835.124	2134.789	1.452	1.102
544.922	1.000	14.796						
11/15/2016 8:30:00 AM	469800.000	12.162	17.650	27.721	1835.419	2135.140	1.452	1.102
544.835	1.000	14.789						
11/15/2016 8:45:00 AM	470700.000	12.149	17.650	27.690	1835.496	2135.260	1.452	1.102
544.812	1.000	14.801						
11/15/2016 9:00:00 AM	471600.000	12.153	17.651	27.701	1837.643	2137.710	1.454	1.104
544.175	1.000	14.797						
11/15/2016 9:15:00 AM	472500.000	12.150	17.650	27.695	1833.759	2133.221	1.451	1.101
545.328	1.000	14.800						
11/15/2016 9:30:00 AM	473400.000	12.154	17.649	27.702	1833.779	2133.298	1.451	1.101
545.322	1.000	14.798						
11/15/2016 9:45:00 AM	474300.000	12.153	17.650	27.700	1833.386	2132.792	1.450	1.101
545.439	1.000	14.799						
11/15/2016 10:00:00 AM	475200.000	12.149	17.650	27.691	1835.247	2134.966	1.452	1.102
544.886	1.000	14.802						
11/15/2016 10:15:00 AM	476100.000	12.152	17.650	27.698	1835.177	2134.871	1.452	1.102
544.907	1.000	14.801						
11/15/2016 10:30:00 AM	477000.000	12.155	17.649	27.705	1837.236	2137.325	1.453	1.103
544.296	1.000	14.797						
11/15/2016 10:45:00 AM	477900.000	12.150	17.650	27.695	1836.523	2136.458	1.453	1.103
544.507	1.000	14.802						
11/15/2016 11:00:00 AM	478800.000	12.156	17.650	27.707	1835.201	2134.896	1.452	1.102
544.899	1.000	14.796						
11/15/2016 11:15:00 AM	479700.000	12.158	17.648	27.712	1835.801	2135.726	1.452	1.103
544.721	1.000	14.793						
11/15/2016 11:30:00 AM	480600.000	12.161	17.650	27.718	1835.426	2135.173	1.452	1.102
544.833	1.000	14.790						

11/15/2016 11:45:00 AM	481500.000	12.164	17.650	27.726	1835.524	2135.296	1.452	1.102
544.804	1.000	14.787						
11/15/2016 12:00:00 PM	482400.000	12.163	17.651	27.723	1837.547	2137.591	1.454	1.104
544.204	1.000	14.787						
11/15/2016 12:15:00 PM	483300.000	12.168	17.649	27.734	1836.169	2136.096	1.453	1.103
544.612	1.000	14.782						
11/15/2016 12:30:00 PM	484200.000	12.169	17.650	27.736	1834.966	2134.655	1.452	1.102
544.969	1.000	14.778						
11/15/2016 12:45:00 PM	485100.000	12.169	17.650	27.738	1833.333	2132.755	1.450	1.101
545.455	1.000	14.775						
11/15/2016 1:00:00 PM	486000.000	12.170	17.650	27.739	1833.205	2132.598	1.450	1.101
545.493	1.000	14.773						
11/15/2016 1:15:00 PM	486900.000	12.173	17.651	27.746	1833.626	2133.017	1.450	1.101
545.367	1.000	14.768						
11/15/2016 1:30:00 PM	487800.000	12.174	17.650	27.748	1833.689	2133.173	1.451	1.101
545.349	1.000	14.766						
11/15/2016 1:45:00 PM	488700.000	12.170	17.649	27.740	1833.313	2132.740	1.450	1.101
545.461	1.000	14.768						
11/15/2016 2:00:00 PM	489600.000	12.165	17.650	27.727	1833.105	2132.466	1.450	1.101
545.522	1.000	14.771						
11/15/2016 2:15:00 PM	490500.000	12.171	17.650	27.742	1833.900	2133.407	1.451	1.101
545.286	1.000	14.762						
11/15/2016 2:30:00 PM	491400.000	12.168	17.650	27.735	1837.063	2137.083	1.453	1.103
544.347	1.000	14.764						
11/15/2016 2:45:00 PM	492300.000	12.168	17.651	27.734	1837.556	2137.622	1.454	1.104
544.201	1.000	14.764						
11/15/2016 3:00:00 PM	493200.000	12.164	17.651	27.725	1839.189	2139.518	1.455	1.105
543.718	1.000	14.766						
11/15/2016 3:15:00 PM	494100.000	12.168	17.651	27.735	1839.161	2139.477	1.455	1.105
543.726	1.000	14.759						
11/15/2016 3:30:00 PM	495000.000	12.165	17.650	27.728	1836.663	2136.596	1.453	1.103
544.466	1.000	14.762						
11/15/2016 3:45:00 PM	495900.000	12.163	17.650	27.724	1835.024	2134.702	1.452	1.102
544.952	1.000	14.763						
11/15/2016 4:00:00 PM	496800.000	12.160	17.650	27.717	1833.689	2133.148	1.451	1.101
545.349	1.000	14.765						
11/15/2016 4:15:00 PM	497700.000	12.158	17.650	27.711	1833.997	2133.490	1.451	1.101
545.257	1.000	14.767						
11/15/2016 4:30:00 PM	498600.000	12.158	17.649	27.713	1833.919	2133.454	1.451	1.101
545.280	1.000	14.767						
11/15/2016 4:45:00 PM	499500.000	12.158	17.650	27.712	1832.396	2131.669	1.450	1.100
545.734	1.000	14.765						
11/15/2016 5:00:00 PM	500400.000	12.164	17.651	27.726	1833.063	2132.358	1.450	1.101
545.535	1.000	14.760						
11/15/2016 5:15:00 PM	501300.000	12.156	17.650	27.708	1834.360	2133.912	1.451	1.102
545.149	1.000	14.769						
11/15/2016 5:30:00 PM	502200.000	12.156	17.651	27.707	1835.176	2134.841	1.452	1.102
544.907	1.000	14.768						
11/15/2016 5:45:00 PM	503100.000	12.158	17.648	27.711	1835.465	2135.290	1.452	1.102
544.821	1.000	14.766						
11/15/2016 6:00:00 PM	504000.000	12.160	17.649	27.717	1834.076	2133.648	1.451	1.101
545.234	1.000	14.764						
11/15/2016 6:15:00 PM	504900.000	12.156	17.649	27.707	1831.479	2130.623	1.449	1.100
546.007	1.000	14.769						
11/15/2016 6:30:00 PM	505800.000	12.159	17.651	27.715	1834.101	2133.602	1.451	1.101
545.226	1.000	14.764						
11/15/2016 6:45:00 PM	506700.000	12.151	17.651	27.697	1832.206	2131.398	1.449	1.100
545.790	1.000	14.772						
11/15/2016 7:00:00 PM	507600.000	12.158	17.651	27.711	1833.355	2132.711	1.450	1.101
545.448	1.000	14.767						
11/15/2016 7:15:00 PM	508500.000	12.155	17.649	27.705	1834.504	2134.142	1.451	1.102
545.107	1.000	14.771						
11/15/2016 7:30:00 PM	509400.000	12.157	17.651	27.709	1833.156	2132.490	1.450	1.101
545.507	1.000	14.771						
11/15/2016 7:45:00 PM	510300.000	12.159	17.649	27.714	1832.536	2131.849	1.450	1.100
545.692	1.000	14.768						
11/15/2016 8:00:00 PM	511200.000	12.160	17.651	27.717	1832.150	2131.308	1.449	1.100
545.807	1.000	14.766						
11/15/2016 8:15:00 PM	512100.000	12.152	17.649	27.699	1831.861	2131.055	1.449	1.100
545.893	1.000	14.775						
11/15/2016 8:30:00 PM	513000.000	12.154	17.651	27.703	1831.211	2130.237	1.449	1.100
546.087	1.000	14.774						
11/15/2016 8:45:00 PM	513900.000	12.149	17.651	27.691	1832.434	2131.643	1.450	1.100
545.722	1.000	14.779						
11/15/2016 9:00:00 PM	514800.000	12.156	17.650	27.706	1833.789	2133.261	1.451	1.101
545.319	1.000	14.770						
11/15/2016 9:15:00 PM	515700.000	12.146	17.649	27.684	1834.323	2133.931	1.451	1.102
545.160	1.000	14.782						
11/15/2016 9:30:00 PM	516600.000	12.154	17.649	27.703	1832.919	2132.286	1.450	1.101
545.578	1.000	14.775						
11/15/2016 9:45:00 PM	517500.000	12.148	17.651	27.689	1833.106	2132.429	1.450	1.101
545.522	1.000	14.781						
11/15/2016 10:00:00 PM	518400.000	12.152	17.649	27.698	1834.337	2133.956	1.451	1.102
545.156	1.000	14.780						
11/15/2016 10:15:00 PM	519300.000	12.148	17.650	27.689	1833.482	2132.913	1.450	1.101
545.410	1.000	14.783						
11/15/2016 10:30:00 PM	520200.000	12.154	17.651	27.703	1833.452	2132.844	1.450	1.101
545.419	1.000	14.782						
11/15/2016 10:45:00 PM	521100.000	12.146	17.649	27.685	1834.117	2133.692	1.451	1.101
545.222	1.000	14.786						
11/15/2016 11:00:00 PM	522000.000	12.152	17.650	27.699	1835.694	2135.472	1.452	1.102
544.753	1.000	14.780						
11/15/2016 11:15:00 PM	522900.000	12.147	17.649	27.686	1835.678	2135.492	1.452	1.102
544.758	1.000	14.788						
11/15/2016 11:30:00 PM	523800.000	12.155	17.650	27.705	1837.450	2137.549	1.454	1.104
544.232	1.000	14.778						
11/15/2016 11:45:00 PM	524700.000	12.157	17.650	27.708	1837.952	2138.120	1.454	1.104
544.084	1.000	14.783						
11/16/2016 12:00:00 AM	525600.000	12.156	17.650	27.708	1837.026	2137.027	1.453	1.103
544.358	1.000	14.777						
11/16/2016 12:15:00 AM	526500.000	12.155	17.650	27.704	1837.677	2137.792	1.454	1.104
544.165	1.000	14.780						
11/16/2016 12:30:00 AM	527400.000	12.155	17.650	27.706	1835.846	2135.645	1.452	1.103
544.708	1.000	14.778						
11/16/2016 12:45:00 AM	528300.000	12.155	17.650	27.704	1836.279	2136.157	1.453	1.103
544.580	1.000	14.780						
11/16/2016 1:00:00 AM	529200.000	12.155	17.652	27.704	1837.132	2137.079	1.453	1.103
544.327	1.000	14.780						
11/16/2016 1:15:00 AM	530100.000	12.157	17.650	27.709	1838.299	2138.499	1.454	1.104
543.981	1.000	14.779						
11/16/2016 1:30:00 AM	531000.000	12.159	17.651	27.714	1839.383	2139.714	1.455	1.105
543.661	1.000	14.775						
11/16/2016 1:45:00 AM	531900.000	12.161	17.651	27.719	1837.096	2137.066	1.453	1.103
544.337	1.000	14.772						
11/16/2016 2:00:00 AM	532800.000	12.155	17.650	27.706	1834.634	2134.247	1.451	1.102
545.068	1.000	14.779						
11/16/2016 2:15:00 AM	533700.000	12.155	17.651	27.705	1835.784	2135.561	1.452	1.102
544.726	1.000	14.779						
11/16/2016 2:30:00 AM	534600.000	12.158	17.650	27.711	1835.067	2134.743	1.452	1.102
544.939	1.000	14.777						
11/16/2016 2:45:00 AM	535500.000	12.159	17.652	27.714	1834.481	2133.992	1.451	1.102
545.113	1.000	14.774						
11/16/2016 3:00:00 AM	536400.000	12.164	17.650	27.726	1835.309	2135.029	1.452	1.102
544.867	1.000	14.771						
11/16/2016 3:15:00 AM	537300.000	12.158	17.651	27.711	1836.585	2136.480	1.453	1.103
544.489	1.000	14.775						
11/16/2016 3:30:00 AM	538200.000	12.158	17.648	27.711	1836.189	2136.165	1.453	1.103
544.606	1.000	14.777						
11/16/2016 3:45:00 AM	539100.000	12.161	17.650	27.719	1832.740	2132.040	1.450	1.101
545.631	1.000	14.772						
11/16/2016 4:00:00 AM	540000.000	12.158	17.652	27.712	1831.524	2130.555	1.449	1.100
545.993	1.000	14.774						
11/16/2016 4:15:00 AM	540900.000	12.164	17.650	27.725	1831.477	2130.572	1.449	1.100

546.007	1.000	14.769						
11/16/2016 4:30:00 AM	541800.000	12.157	17.649	27.710	1831.183	2130.274	1.449	1.100
546.095	1.000	14.776						
11/16/2016 4:45:00 AM	542700.000	12.154	17.650	27.704	1831.351	2130.424	1.449	1.100
546.045	1.000	14.777						
11/16/2016 5:00:00 AM	543600.000	12.159	17.650	27.713	1830.557	2129.504	1.448	1.099
546.282	1.000	14.774						
11/16/2016 5:15:00 AM	544500.000	12.163	17.652	27.724	1832.917	2132.164	1.450	1.101
545.578	1.000	14.768						
11/16/2016 5:30:00 AM	545400.000	12.157	17.651	27.709	1833.976	2133.458	1.451	1.101
545.263	1.000	14.774						
11/16/2016 5:45:00 AM	546300.000	12.161	17.650	27.719	1834.401	2133.965	1.451	1.102
545.137	1.000	14.770						
11/16/2016 6:00:00 AM	547200.000	12.167	17.650	27.731	1834.139	2133.671	1.451	1.101
545.215	1.000	14.765						
11/16/2016 6:15:00 AM	548100.000	12.164	17.650	27.725	1833.261	2132.630	1.450	1.101
545.476	1.000	14.767						
11/16/2016 6:30:00 AM	549000.000	12.150	17.649	27.693	1832.366	2131.651	1.450	1.100
545.742	1.000	14.779						
11/16/2016 6:45:00 AM	549900.000	12.152	17.650	27.698	1831.495	2130.588	1.449	1.100
546.002	1.000	14.778						
11/16/2016 7:00:00 AM	550800.000	12.160	17.649	27.717	1832.233	2131.493	1.449	1.100
545.782	1.000	14.771						
11/16/2016 7:15:00 AM	551700.000	12.154	17.651	27.704	1831.407	2130.436	1.449	1.100
546.028	1.000	14.778						
11/16/2016 7:30:00 AM	552600.000	12.147	17.650	27.687	1832.073	2131.248	1.449	1.100
545.830	1.000	14.784						
11/16/2016 7:45:00 AM	553500.000	12.151	17.650	27.696	1833.237	2132.638	1.450	1.101
545.483	1.000	14.782						
11/16/2016 8:00:00 AM	554400.000	12.149	17.650	27.691	1835.332	2135.047	1.452	1.102
544.861	1.000	14.786						
11/16/2016 8:15:00 AM	555300.000	12.145	17.649	27.682	1835.536	2135.364	1.452	1.102
544.800	1.000	14.790						
11/16/2016 8:30:00 AM	556200.000	12.148	17.650	27.688	1833.802	2133.271	1.451	1.101
545.315	1.000	14.788						
11/16/2016 8:45:00 AM	557100.000	12.150	17.651	27.693	1834.448	2134.003	1.451	1.102
545.123	1.000	14.787						
11/16/2016 9:00:00 AM	558000.000	12.151	17.650	27.696	1834.350	2133.933	1.451	1.102
545.152	1.000	14.786						
11/16/2016 9:15:00 AM	558900.000	12.158	17.650	27.711	1832.252	2131.465	1.449	1.100
545.776	1.000	14.781						
11/16/2016 9:30:00 AM	559800.000	12.149	17.652	27.692	1832.342	2131.510	1.449	1.100
545.750	1.000	14.790						
11/16/2016 9:45:00 AM	560700.000	12.153	17.651	27.701	1832.843	2132.098	1.450	1.101
545.600	1.000	14.786						
11/16/2016 10:00:00 AM	561600.000	12.150	17.650	27.694	1836.547	2136.487	1.453	1.103
544.500	1.000	14.789						
11/16/2016 10:15:00 AM	562500.000	12.157	17.649	27.709	1836.515	2136.490	1.453	1.103
544.510	1.000	14.784						
11/16/2016 10:30:00 AM	563400.000	12.156	17.651	27.707	1835.512	2135.245	1.452	1.102
544.807	1.000	14.785						
11/16/2016 10:45:00 AM	564300.000	12.158	17.651	27.712	1835.600	2135.318	1.452	1.102
544.781	1.000	14.783						
11/16/2016 11:00:00 AM	565200.000	12.161	17.650	27.718	1835.897	2135.709	1.452	1.103
544.693	1.000	14.780						
11/16/2016 11:15:00 AM	566100.000	12.154	17.650	27.703	1837.072	2137.104	1.453	1.103
544.345	1.000	14.788						
11/16/2016 11:30:00 AM	567000.000	12.159	17.650	27.714	1834.936	2134.591	1.452	1.102
544.978	1.000	14.781						
11/16/2016 11:45:00 AM	567900.000	12.163	17.651	27.723	1833.856	2133.309	1.451	1.101
545.299	1.000	14.777						
11/16/2016 12:00:00 PM	568800.000	12.164	17.650	27.725	1834.559	2134.156	1.451	1.102
545.090	1.000	14.775						
11/16/2016 12:15:00 PM	569700.000	12.171	17.651	27.742	1837.340	2137.346	1.453	1.103
544.265	1.000	14.766						
11/16/2016 12:30:00 PM	570600.000	12.165	17.651	27.727	1837.472	2137.512	1.454	1.104
544.226	1.000	14.773						
11/16/2016 12:45:00 PM	571500.000	12.166	17.651	27.731	1838.537	2138.751	1.454	1.104
543.911	1.000	14.769						
11/16/2016 1:00:00 PM	572400.000	12.171	17.651	27.741	1835.675	2135.421	1.452	1.102
544.759	1.000	14.764						
11/16/2016 1:15:00 PM	573300.000	12.168	17.651	27.735	1836.892	2136.837	1.453	1.103
544.398	1.000	14.766						
11/16/2016 1:30:00 PM	574200.000	12.178	17.650	27.757	1837.198	2137.219	1.453	1.103
544.307	1.000	14.755						
11/16/2016 1:45:00 PM	575100.000	12.173	17.650	27.747	1838.256	2138.449	1.454	1.104
543.994	1.000	14.756						
11/16/2016 2:00:00 PM	576000.000	12.174	17.650	27.749	1836.598	2136.557	1.453	1.103
544.485	1.000	14.755						
11/16/2016 2:15:00 PM	576900.000	12.169	17.650	27.736	1833.592	2133.056	1.450	1.101
545.378	1.000	14.758						
11/16/2016 2:30:00 PM	577800.000	12.170	17.651	27.738	1833.337	2132.672	1.450	1.101
545.453	1.000	14.754						
11/16/2016 2:45:00 PM	578700.000	12.172	17.651	27.745	1833.835	2133.285	1.451	1.101
545.305	1.000	14.752						
11/16/2016 3:00:00 PM	579600.000	12.168	17.651	27.734	1834.677	2134.265	1.451	1.102
545.055	1.000	14.754						
11/16/2016 3:15:00 PM	580500.000	12.167	17.650	27.732	1833.177	2132.574	1.450	1.101
545.501	1.000	14.756						
11/16/2016 3:30:00 PM	581400.000	12.165	17.651	27.728	1831.552	2130.596	1.449	1.100
545.985	1.000	14.755						
11/16/2016 3:45:00 PM	582300.000	12.163	17.651	27.723	1835.289	2134.960	1.452	1.102
544.873	1.000	14.755						
11/16/2016 4:00:00 PM	583200.000	12.164	17.651	27.725	1835.613	2135.341	1.452	1.102
544.777	1.000	14.755						
11/16/2016 4:15:00 PM	584100.000	12.161	17.650	27.720	1838.250	2138.438	1.454	1.104
543.996	1.000	14.756						
11/16/2016 4:30:00 PM	585000.000	12.163	17.649	27.724	1834.754	2134.421	1.451	1.102
545.032	1.000	14.756						
11/16/2016 4:45:00 PM	585900.000	12.161	17.650	27.719	1831.732	2130.871	1.449	1.100
545.932	1.000	14.756						
11/16/2016 5:00:00 PM	586800.000	12.166	17.650	27.730	1831.535	2130.635	1.449	1.100
545.990	1.000	14.754						
11/16/2016 5:15:00 PM	587700.000	12.160	17.651	27.717	1832.432	2131.649	1.450	1.100
545.723	1.000	14.757						
11/16/2016 5:30:00 PM	588600.000	12.157	17.651	27.710	1833.781	2133.218	1.451	1.101
545.321	1.000	14.761						
11/16/2016 5:45:00 PM	589500.000	12.158	17.650	27.713	1835.951	2135.805	1.452	1.103
544.677	1.000	14.761						
11/16/2016 6:00:00 PM	590400.000	12.150	17.650	27.694	1833.664	2133.111	1.451	1.101
545.356	1.000	14.769						
11/16/2016 6:15:00 PM	591300.000	12.155	17.650	27.706	1832.724	2132.051	1.450	1.101
545.636	1.000	14.765						
11/16/2016 6:30:00 PM	592200.000	12.153	17.651	27.701	1833.546	2132.919	1.450	1.101
545.391	1.000	14.767						
11/16/2016 6:45:00 PM	593100.000	12.156	17.651	27.707	1833.716	2133.139	1.451	1.101
545.341	1.000	14.767						
11/16/2016 7:00:00 PM	594000.000	12.154	17.650	27.703	1837.617	2137.742	1.454	1.104
544.183	1.000	14.768						
11/16/2016 7:15:00 PM	594900.000	12.161	17.649	27.718	1832.654	2131.990	1.450	1.101
545.657	1.000	14.763						
11/16/2016 7:30:00 PM	595800.000	12.153	17.649	27.700	1831.248	2130.371	1.449	1.100
546.076	1.000	14.771						
11/16/2016 7:45:00 PM	596700.000	12.152	17.650	27.699	1830.329	2129.239	1.448	1.099
546.350	1.000	14.772						
11/16/2016 8:00:00 PM	597600.000	12.152	17.651	27.698	1830.776	2129.698	1.448	1.099
546.216	1.000	14.772						
11/16/2016 8:15:00 PM	598500.000	12.161	17.650	27.720	1831.776	2130.923	1.449	1.100
545.918	1.000	14.765						
11/16/2016 8:30:00 PM	599400.000	12.152	17.650	27.697	1831.424	2130.501	1.449	1.100
546.023	1.000	14.773						
11/16/2016 8:45:00 PM	600300.000	12.155	17.650	27.706	1831.932	2131.100	1.449	1.100
545.872	1.000	14.769						

11/16/2016 9:00:00 PM	601200.000	12.155	17.651	27.704	1834.202	2133.712	1.451	1.101	
545.196	1.000	14.773							
11/16/2016 9:15:00 PM	602100.000	12.153	17.651	27.700	1834.825	2134.441	1.451	1.102	
545.011	1.000	14.774							
11/16/2016 9:30:00 PM	603000.000	12.153	17.650	27.701	1834.494	2134.081	1.451	1.102	
545.109	1.000	14.776							
11/16/2016 9:45:00 PM	603900.000	12.155	17.651	27.705	1833.644	2133.055	1.450	1.101	
545.362	1.000	14.773							
11/16/2016 10:00:00 PM	604800.000	12.151	17.650	27.695	1834.337	2133.885	1.451	1.102	
545.156	1.000	14.778							
11/16/2016 10:15:00 PM	605700.000	12.151	17.650	27.696	1834.940	2134.624	1.452	1.102	
544.977	1.000	14.778							
11/16/2016 10:30:00 PM	606600.000	12.157	17.650	27.709	1834.231	2133.771	1.451	1.102	
545.188	1.000	14.775							
11/16/2016 10:45:00 PM	607500.000	12.158	17.650	27.712	1832.977	2132.308	1.450	1.101	
545.560	1.000	14.774							
11/16/2016 11:00:00 PM	608400.000	12.159	17.652	27.715	1833.432	2132.772	1.450	1.101	
545.425	1.000	14.772							
11/16/2016 11:15:00 PM	609300.000	12.159	17.651	27.715	1832.960	2132.263	1.450	1.101	
545.565	1.000	14.773							
11/16/2016 11:30:00 PM	610200.000	12.160	17.650	27.715	1833.204	2132.572	1.450	1.101	
545.493	1.000	14.773							
11/16/2016 11:45:00 PM	611100.000	12.158	17.651	27.712	1834.549	2134.086	1.451	1.102	
545.093	1.000	14.774							

Report Date: 11/18/2016 8:37:33 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_2016-11-17_15-01-59-387-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:12:50 AM	Used Battery: 0% Used Memory: 6% User Name: KMakar
1/21/2016 8:56:16 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 9:16:30 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:13:13 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 10:01:09 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 11:20:41 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:30:00 AM
2/25/2016 10:47:51 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:49:53 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:36:57 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:30:02 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:15:00 PM
3/24/2016 8:57:31 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:08:14 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:35:01 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM
4/14/2016 3:11:46 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:15:00 PM
4/21/2016 1:17:44 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM
4/28/2016 8:16:35 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:23:19 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:11:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 1:55:18 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:45:00 PM
5/26/2016 9:03:15 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:33:27 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:15:00 PM
6/9/2016 9:31:51 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:10:03 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 10:06:21 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:45:00 AM
7/1/2016 11:40:47 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 12:15:00 PM
7/8/2016 11:51:05 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:06:44 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 10:28:35 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/21/2016 11:41:45 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM
7/21/2016 11:47:48 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:30:00 PM
7/28/2016 6:14:41 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 7:00:00 PM
8/4/2016 2:52:58 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:30:00 PM
8/11/2016 10:46:08 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 3:40:06 PM	Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM
8/25/2016 12:20:31 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:15:00 PM
9/1/2016 4:03:09 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:45:00 PM
9/8/2016 6:21:54 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 7:00:00 PM
9/15/2016 3:08:12 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:00:00 PM
9/22/2016 12:40:49 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:30:00 PM
10/1/2016 11:26:38 AM	Log Download - Used Battery: 14% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:15:00 PM
10/6/2016 12:01:25 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 4:23:35 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:00:00 PM
10/20/2016 4:47:15 PM	Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 12:38:45 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM
11/3/2016 3:53:03 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:19:19 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:00:00 AM
11/17/2016 3:01:49 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:45:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 741
Sensors: 2
1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time (Seconds)	Corrected Pressure (PSI)	Temperature (C)	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)
	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: Baro-Adj Calc SN#: 000000
11/10/2016 12:00:00 AM	7200.000	131.056	20.377	298.717	14362.491	15753.664	9.311	10712.492	69.626	1.005	14.743
11/10/2016 12:15:00 AM	8100.000	131.042	20.369	298.685	14358.934	15752.151	9.310	10711.463	69.643	1.005	14.744

11/10/2016 12:30:00 AM	9000.000	131.036	20.368	298.671	14356.044	15749.530	9.309	10709.682
69.657	1.005	14.746						
11/10/2016 12:45:00 AM	9900.000	131.025	20.370	298.647	14359.157	15752.109	9.310	10711.436
69.642	1.005	14.746						
11/10/2016 1:00:00 AM	10800.000	131.018	20.367	298.631	14359.861	15753.978	9.312	10712.706
69.639	1.005	14.745						
11/10/2016 1:15:00 AM	11700.000	131.017	20.369	298.628	14363.419	15757.334	9.314	10714.987
69.621	1.005	14.741						
11/10/2016 1:30:00 AM	12600.000	131.018	20.369	298.630	14363.961	15757.694	9.314	10715.232
69.619	1.005	14.741						
11/10/2016 1:45:00 AM	13500.000	131.018	20.366	298.629	14361.696	15756.162	9.313	10714.190
69.630	1.005	14.736						
11/10/2016 2:00:00 AM	14400.000	131.014	20.370	298.622	14366.677	15760.387	9.316	10717.063
69.606	1.005	14.740						
11/10/2016 2:15:00 AM	15300.000	131.002	20.370	298.593	14365.381	15759.139	9.315	10716.215
69.612	1.005	14.739						
11/10/2016 2:30:00 AM	16200.000	131.005	20.367	298.601	14366.537	15761.186	9.316	10717.606
69.606	1.005	14.737						
11/10/2016 2:45:00 AM	17100.000	131.003	20.373	298.597	14368.533	15761.357	9.316	10717.724
69.597	1.005	14.739						
11/10/2016 3:00:00 AM	18000.000	131.008	20.358	298.609	14366.974	15764.633	9.318	10719.950
69.604	1.005	14.739						
11/10/2016 3:15:00 AM	18900.000	130.995	20.368	298.577	14370.146	15764.857	9.319	10720.104
69.589	1.005	14.741						
11/10/2016 3:30:00 AM	19800.000	131.020	20.364	298.635	14368.496	15764.432	9.318	10719.814
69.597	1.005	14.737						
11/10/2016 3:45:00 AM	20700.000	131.022	20.368	298.639	14372.326	15767.423	9.320	10721.849
69.578	1.005	14.738						
11/10/2016 4:00:00 AM	21600.000	131.017	20.367	298.628	14371.340	15766.482	9.320	10721.209
69.583	1.005	14.742						
11/10/2016 4:15:00 AM	22500.000	131.027	20.368	298.652	14375.745	15770.973	9.322	10724.263
69.562	1.005	14.735						
11/10/2016 4:30:00 AM	23400.000	131.024	20.367	298.644	14376.264	15771.828	9.323	10724.843
69.559	1.005	14.736						
11/10/2016 4:45:00 AM	24300.000	131.045	20.365	298.693	14374.144	15770.163	9.322	10723.711
69.569	1.005	14.732						
11/10/2016 5:00:00 AM	25200.000	131.040	20.366	298.680	14380.574	15776.989	9.326	10728.354
69.538	1.005	14.740						
11/10/2016 5:15:00 AM	26100.000	131.043	20.368	298.686	14379.981	15775.764	9.326	10727.520
69.541	1.005	14.735						
11/10/2016 5:30:00 AM	27000.000	131.062	20.373	298.730	14381.984	15776.343	9.326	10727.914
69.531	1.005	14.732						
11/10/2016 5:45:00 AM	27900.000	131.071	20.368	298.752	14378.423	15774.111	9.325	10726.396
69.549	1.005	14.739						
11/10/2016 6:00:00 AM	28800.000	131.083	20.364	298.779	14381.781	15779.065	9.328	10729.765
69.532	1.005	14.739						
11/10/2016 6:15:00 AM	29700.000	131.066	20.364	298.739	14382.676	15779.845	9.328	10730.295
69.528	1.005	14.758						
11/10/2016 6:30:00 AM	30600.000	131.093	20.380	298.801	14390.963	15783.885	9.331	10733.043
69.488	1.005	14.744						
11/10/2016 6:45:00 AM	31500.000	131.103	20.375	298.824	14388.868	15783.262	9.330	10732.618
69.498	1.005	14.747						
11/10/2016 7:00:00 AM	32400.000	131.105	20.373	298.829	14391.324	15786.617	9.333	10734.899
69.486	1.005	14.749						
11/10/2016 7:15:00 AM	33300.000	131.121	20.381	298.866	14393.714	15786.584	9.333	10734.878
69.475	1.005	14.746						
11/10/2016 7:30:00 AM	34200.000	131.123	20.371	298.870	14391.954	15787.773	9.333	10735.688
69.483	1.005	14.749						
11/10/2016 7:45:00 AM	35100.000	131.134	20.365	298.894	14393.821	15791.984	9.336	10738.550
69.474	1.005	14.756						
11/10/2016 8:00:00 AM	36000.000	131.134	20.371	298.894	14394.578	15790.651	9.335	10737.644
69.471	1.005	14.754						
11/10/2016 8:15:00 AM	36900.000	131.150	20.370	298.932	14396.123	15792.635	9.336	10738.993
69.463	1.005	14.748						
11/10/2016 8:30:00 AM	37800.000	131.148	20.372	298.926	14396.416	15792.380	9.336	10738.819
69.462	1.005	14.747						
11/10/2016 8:45:00 AM	38700.000	131.148	20.372	298.927	14397.938	15794.077	9.337	10739.973
69.454	1.005	14.748						
11/10/2016 9:00:00 AM	39600.000	131.153	20.372	298.939	14399.800	15796.092	9.339	10741.344
69.445	1.005	14.754						
11/10/2016 9:15:00 AM	40500.000	131.159	20.373	298.951	14395.878	15791.555	9.336	10738.258
69.464	1.005	14.750						
11/10/2016 9:30:00 AM	41400.000	131.166	20.365	298.967	14399.054	15797.755	9.340	10742.475
69.449	1.005	14.742						
11/10/2016 9:45:00 AM	42300.000	131.166	20.372	298.967	14404.207	15800.926	9.342	10744.631
69.424	1.005	14.741						
11/10/2016 10:00:00 AM	43200.000	131.169	20.375	298.975	14401.575	15797.141	9.339	10742.056
69.437	1.005	14.738						
11/10/2016 10:15:00 AM	44100.000	131.160	20.375	298.954	14406.644	15802.470	9.343	10745.680
69.412	1.005	14.741						
11/10/2016 10:30:00 AM	45000.000	131.163	20.369	298.962	14403.224	15800.946	9.342	10744.645
69.429	1.005	14.743						
11/10/2016 10:45:00 AM	45900.000	131.168	20.372	298.972	14404.688	15801.392	9.342	10744.946
69.422	1.005	14.734						
11/10/2016 11:00:00 AM	46800.000	131.168	20.373	298.972	14409.113	15806.046	9.345	10748.111
69.401	1.005	14.732						
11/10/2016 11:15:00 AM	47700.000	131.156	20.374	298.945	14408.857	15805.216	9.344	10747.547
69.402	1.005	14.734						
11/10/2016 11:30:00 AM	48600.000	131.159	20.378	298.953	14406.398	15801.188	9.342	10744.810
69.414	1.005	14.727						
11/10/2016 11:45:00 AM	49500.000	131.157	20.374	298.948	14402.529	15798.563	9.340	10743.023
69.432	1.005	14.729						
11/10/2016 12:00:00 PM	50400.000	131.150	20.369	298.932	14404.257	15801.900	9.342	10745.293
69.424	1.005	14.727						
11/10/2016 12:15:00 PM	51300.000	131.125	20.374	298.874	14401.800	15797.647	9.340	10742.401
69.436	1.005	14.730						
11/10/2016 12:30:00 PM	52200.000	131.119	20.376	298.860	14405.474	15801.099	9.342	10744.747
69.418	1.005	14.726						
11/10/2016 12:45:00 PM	53100.000	131.135	20.371	298.897	14403.780	15800.630	9.342	10744.430
69.426	1.005	14.726						
11/10/2016 1:00:00 PM	54000.000	131.117	20.370	298.855	14405.102	15802.713	9.343	10745.845
69.420	1.005	14.716						
11/10/2016 1:15:00 PM	54900.000	131.117	20.365	298.855	14399.723	15798.489	9.340	10742.974
69.446	1.005	14.718						
11/10/2016 1:30:00 PM	55800.000	131.097	20.367	298.811	14398.134	15796.023	9.339	10741.297
69.453	1.005	14.727						
11/10/2016 1:45:00 PM	56700.000	131.083	20.368	298.779	14399.793	15797.556	9.340	10742.338
69.445	1.005	14.725						
11/10/2016 2:00:00 PM	57600.000	131.086	20.378	298.786	14409.365	15804.530	9.344	10747.082
69.399	1.005	14.726						
11/10/2016 2:15:00 PM	58500.000	131.066	20.372	298.739	14404.812	15801.440	9.342	10744.979
69.421	1.005	14.731						
11/10/2016 2:30:00 PM	59400.000	131.054	20.366	298.712	14399.393	15797.579	9.340	10742.354
69.447	1.005	14.729						
11/10/2016 2:45:00 PM	60300.000	131.059	20.368	298.725	14395.871	15793.253	9.337	10739.412
69.464	1.005	14.726						
11/10/2016 3:00:00 PM	61200.000	131.047	20.366	298.697	14402.369	15800.845	9.342	10744.574
69.433	1.005	14.731						
11/10/2016 3:15:00 PM	62100.000	131.044	20.368	298.689	14400.811	15798.443	9.340	10742.941
69.441	1.005	14.732						
11/10/2016 3:30:00 PM	63000.000	131.023	20.378	298.643	14401.028	15795.559	9.338	10740.980
69.439	1.005	14.738						
11/10/2016 3:45:00 PM	63900.000	131.023	20.375	298.642	14396.750	15791.907	9.336	10738.498
69.460	1.005	14.737						
11/10/2016 4:00:00 PM	64800.000	131.034	20.370	298.667	14401.118	15798.229	9.340	10742.796
69.439	1.005	14.737						
11/10/2016 4:15:00 PM	65700.000	131.026	20.369	298.649	14400.479	15797.937	9.340	10742.598
69.442	1.005	14.739						
11/10/2016 4:30:00 PM	66600.000	131.024	20.368	298.645	14398.485	15795.920	9.338	10741.227
69.452	1.005	14.738						
11/10/2016 4:45:00 PM	67500.000	131.012	20.375	298.617	14400.806	15796.151	9.339	10741.384
69.441	1.005	14.743						
11/10/2016 5:00:00 PM	68400.000	131.019	20.371	298.634	14403.831	15800.686	9.342	10744.467

69.426	1.005	14.730						
11/10/2016 5:15:00 PM	69300.000	131.045	20.370	298.692	14400.010	15796.925	9.339	10741.910
69.444	1.005	14.746						
11/10/2016 5:30:00 PM	70200.000	131.015	20.378	298.625	14402.574	15797.254	9.339	10742.133
69.432	1.005	14.744						
11/10/2016 5:45:00 PM	71100.000	131.018	20.372	298.632	14400.619	15796.990	9.339	10741.954
69.441	1.005	14.741						
11/10/2016 6:00:00 PM	72000.000	131.010	20.366	298.612	14396.485	15794.329	9.337	10740.144
69.461	1.005	14.748						
11/10/2016 6:15:00 PM	72900.000	131.010	20.376	298.613	14402.574	15797.773	9.340	10742.487
69.432	1.005	14.744						
11/10/2016 6:30:00 PM	73800.000	131.010	20.368	298.612	14400.498	15798.300	9.340	10742.845
69.442	1.005	14.745						
11/10/2016 6:45:00 PM	74700.000	131.012	20.374	298.616	14402.086	15797.874	9.340	10742.556
69.434	1.005	14.740						
11/10/2016 7:00:00 PM	75600.000	131.017	20.369	298.627	14399.334	15796.500	9.339	10741.621
69.448	1.005	14.744						
11/10/2016 7:15:00 PM	76500.000	131.010	20.371	298.613	14399.020	15795.578	9.338	10740.993
69.449	1.005	14.745						
11/10/2016 7:30:00 PM	77400.000	131.014	20.373	298.621	14408.464	15805.244	9.344	10747.567
69.404	1.005	14.741						
11/10/2016 7:45:00 PM	78300.000	131.013	20.375	298.620	14407.257	15803.287	9.343	10746.236
69.409	1.005	14.742						
11/10/2016 8:00:00 PM	79200.000	131.011	20.370	298.614	14405.645	15803.279	9.343	10746.231
69.417	1.005	14.750						
11/10/2016 8:15:00 PM	80100.000	131.024	20.370	298.645	14406.866	15804.420	9.344	10747.007
69.411	1.005	14.743						
11/10/2016 8:30:00 PM	81000.000	131.029	20.372	298.655	14409.453	15806.709	9.345	10748.563
69.399	1.005	14.748						
11/10/2016 8:45:00 PM	81900.000	131.018	20.359	298.630	14408.115	15809.663	9.347	10750.572
69.405	1.005	14.751						
11/10/2016 9:00:00 PM	82800.000	131.020	20.371	298.634	14411.313	15809.181	9.347	10750.244
69.390	1.005	14.744						
11/10/2016 9:15:00 PM	83700.000	131.010	20.364	298.613	14409.456	15809.486	9.347	10750.452
69.399	1.005	14.751						
11/10/2016 9:30:00 PM	84600.000	131.006	20.374	298.603	14409.386	15805.940	9.345	10748.040
69.399	1.005	14.754						
11/10/2016 9:45:00 PM	85500.000	131.006	20.371	298.604	14414.279	15812.264	9.349	10752.340
69.376	1.005	14.748						
11/10/2016 10:00:00 PM	86400.000	131.006	20.363	298.604	14406.933	15807.006	9.346	10748.764
69.411	1.005	14.752						
11/10/2016 10:15:00 PM	87300.000	130.996	20.371	298.580	14416.956	15815.141	9.351	10754.296
69.363	1.005	14.752						
11/10/2016 10:30:00 PM	88200.000	131.032	20.366	298.662	14413.298	15812.774	9.349	10752.688
69.380	1.005	14.749						
11/10/2016 10:45:00 PM	89100.000	130.983	20.372	298.550	14416.551	15814.351	9.350	10753.760
69.365	1.005	14.754						
11/10/2016 11:00:00 PM	90000.000	130.985	20.372	298.555	14416.650	15814.689	9.351	10753.990
69.364	1.005	14.754						
11/10/2016 11:15:00 PM	90900.000	130.986	20.368	298.557	14416.161	15815.513	9.351	10754.549
69.367	1.005	14.751						
11/10/2016 11:30:00 PM	91800.000	130.970	20.368	298.521	14416.720	15815.835	9.351	10754.769
69.364	1.005	14.758						
11/10/2016 11:45:00 PM	92700.000	130.973	20.369	298.527	14417.513	15816.503	9.352	10755.223
69.360	1.005	14.757						
11/11/2016 12:00:00 AM	93600.000	130.965	20.366	298.509	14416.893	15816.950	9.352	10755.526
69.363	1.005	14.756						
11/11/2016 12:15:00 AM	94500.000	130.964	20.371	298.506	14414.558	15812.452	9.349	10752.468
69.374	1.005	14.759						
11/11/2016 12:30:00 AM	95400.000	130.957	20.365	298.492	14420.987	15821.789	9.355	10758.816
69.343	1.005	14.762						
11/11/2016 12:45:00 AM	96300.000	130.949	20.374	298.473	14424.819	15822.839	9.356	10759.531
69.325	1.005	14.755						
11/11/2016 1:00:00 AM	97200.000	130.935	20.374	298.441	14422.823	15820.535	9.354	10757.964
69.335	1.005	14.759						
11/11/2016 1:15:00 AM	98100.000	130.962	20.362	298.503	14419.874	15821.377	9.355	10758.536
69.349	1.005	14.759						
11/11/2016 1:30:00 AM	99000.000	130.933	20.370	298.437	14422.965	15822.279	9.355	10759.150
69.334	1.005	14.757						
11/11/2016 1:45:00 AM	99900.000	130.935	20.373	298.442	14420.512	15818.374	9.353	10756.494
69.346	1.005	14.752						
11/11/2016 2:00:00 AM	100800.000	130.913	20.370	298.390	14418.432	15817.162	9.352	10755.671
69.356	1.005	14.758						
11/11/2016 2:15:00 AM	101700.000	130.947	20.370	298.468	14418.419	15817.237	9.352	10755.722
69.356	1.005	14.751						
11/11/2016 2:30:00 AM	102600.000	130.925	20.369	298.418	14423.295	15822.847	9.356	10759.537
69.332	1.005	14.752						
11/11/2016 2:45:00 AM	103500.000	130.910	20.369	298.384	14423.314	15822.868	9.356	10759.551
69.332	1.005	14.753						
11/11/2016 3:00:00 AM	104400.000	130.947	20.366	298.469	14424.607	15825.299	9.357	10761.204
69.326	1.005	14.752						
11/11/2016 3:15:00 AM	105300.000	130.919	20.368	298.404	14424.307	15824.158	9.357	10760.429
69.327	1.005	14.745						
11/11/2016 3:30:00 AM	106200.000	130.919	20.368	298.405	14427.046	15827.309	9.359	10762.570
69.314	1.005	14.754						
11/11/2016 3:45:00 AM	107100.000	130.937	20.368	298.445	14427.153	15827.398	9.359	10762.632
69.314	1.005	14.744						
11/11/2016 4:00:00 AM	108000.000	130.928	20.367	298.426	14424.426	15824.753	9.357	10760.833
69.327	1.005	14.743						
11/11/2016 4:15:00 AM	108900.000	130.931	20.370	298.431	14422.203	15821.474	9.355	10758.604
69.338	1.005	14.744						
11/11/2016 4:30:00 AM	109800.000	130.925	20.366	298.418	14427.191	15828.017	9.359	10763.052
69.314	1.005	14.743						
11/11/2016 4:45:00 AM	110700.000	130.938	20.373	298.448	14430.554	15829.332	9.360	10763.946
69.297	1.005	14.745						
11/11/2016 5:00:00 AM	111600.000	130.933	20.369	298.437	14431.382	15831.807	9.361	10765.630
69.293	1.005	14.751						
11/11/2016 5:15:00 AM	112500.000	130.956	20.375	298.489	14439.191	15838.171	9.366	10769.957
69.256	1.005	14.744						
11/11/2016 5:30:00 AM	113400.000	130.957	20.382	298.492	14437.341	15834.028	9.363	10767.141
69.265	1.005	14.746						
11/11/2016 5:45:00 AM	114300.000	130.963	20.367	298.505	14429.226	15830.049	9.360	10764.434
69.304	1.005	14.751						
11/11/2016 6:00:00 AM	115200.000	130.985	20.369	298.556	14433.458	15833.851	9.363	10767.020
69.283	1.005	14.741						
11/11/2016 6:15:00 AM	116100.000	130.995	20.370	298.577	14438.131	15838.833	9.366	10770.406
69.261	1.005	14.745						
11/11/2016 6:30:00 AM	117000.000	131.002	20.373	298.595	14439.372	15839.266	9.366	10770.701
69.255	1.005	14.750						
11/11/2016 6:45:00 AM	117900.000	131.007	20.372	298.605	14438.422	15838.601	9.366	10770.248
69.260	1.005	14.753						
11/11/2016 7:00:00 AM	118800.000	131.018	20.371	298.630	14438.441	15838.824	9.366	10770.401
69.260	1.005	14.755						
11/11/2016 7:15:00 AM	119700.000	131.024	20.366	298.645	14438.551	15840.510	9.367	10771.547
69.259	1.005	14.754						
11/11/2016 7:30:00 AM	120600.000	131.045	20.367	298.692	14438.619	15840.412	9.367	10771.480
69.259	1.005	14.756						
11/11/2016 7:45:00 AM	121500.000	131.078	20.374	298.768	14441.116	15840.715	9.367	10771.688
69.247	1.005	14.756						
11/11/2016 8:00:00 AM	122400.000	131.066	20.374	298.740	14448.446	15848.787	9.372	10777.176
69.212	1.005	14.753						
11/11/2016 8:15:00 AM	123300.000	131.065	20.365	298.738	14441.938	15844.633	9.370	10774.352
69.243	1.005	14.764						
11/11/2016 8:30:00 AM	124200.000	131.081	20.365	298.773	14443.006	15845.805	9.370	10775.148
69.238	1.005	14.760						
11/11/2016 8:45:00 AM	125100.000	131.085	20.372	298.782	14450.181	15851.327	9.374	10778.903
69.203	1.005	14.758						
11/11/2016 9:00:00 AM	126000.000	131.087	20.375	298.788	14447.290	15847.141	9.371	10776.057
69.217	1.005	14.759						
11/11/2016 9:15:00 AM	126900.000	131.094	20.358	298.803	14442.920	15848.087	9.372	10776.700
69.238	1.005	14.768						
11/11/2016 9:30:00 AM	127800.000	131.100	20.376	298.818	14454.551	15854.931	9.376	10781.353
69.182	1.005	14.765						

11/11/2016 9:45:00 AM	128700.000	131.102	20.373	298.823	14448.529	15849.138	9.373	10777.414
69.211	1.005	14.766						
11/11/2016 10:00:00 AM	129600.000	131.111	20.372	298.843	14446.235	15847.029	9.371	10775.980
69.222	1.005	14.766						
11/11/2016 10:15:00 AM	130500.000	131.111	20.370	298.842	14447.366	15848.992	9.372	10777.315
69.217	1.005	14.760						
11/11/2016 10:30:00 AM	131400.000	131.115	20.366	298.851	14448.898	15851.804	9.374	10779.228
69.209	1.005	14.759						
11/11/2016 10:45:00 AM	132300.000	131.105	20.367	298.829	14450.174	15853.000	9.375	10780.041
69.203	1.005	14.759						
11/11/2016 11:00:00 AM	133200.000	131.100	20.371	298.816	14450.005	15851.626	9.374	10779.106
69.204	1.005	14.763						
11/11/2016 11:15:00 AM	134100.000	131.099	20.373	298.815	14448.683	15849.394	9.373	10777.589
69.210	1.005	14.755						
11/11/2016 11:30:00 AM	135000.000	131.094	20.377	298.803	14447.540	15846.808	9.371	10775.829
69.216	1.005	14.761						
11/11/2016 11:45:00 AM	135900.000	131.088	20.375	298.790	14445.782	15845.432	9.370	10774.894
69.224	1.005	14.755						
11/11/2016 12:00:00 PM	136800.000	131.076	20.380	298.763	14446.828	15844.896	9.370	10774.529
69.219	1.005	14.755						
11/11/2016 12:15:00 PM	137700.000	131.079	20.369	298.770	14445.714	15847.496	9.372	10776.299
69.225	1.005	14.755						
11/11/2016 12:30:00 PM	138600.000	131.059	20.368	298.724	14443.401	15845.167	9.370	10774.715
69.236	1.005	14.758						
11/11/2016 12:45:00 PM	139500.000	131.052	20.371	298.707	14442.666	15843.458	9.369	10773.552
69.239	1.005	14.754						
11/11/2016 1:00:00 PM	140400.000	131.052	20.368	298.707	14444.434	15846.355	9.371	10775.522
69.231	1.005	14.755						
11/11/2016 1:15:00 PM	141300.000	131.027	20.366	298.650	14445.066	15847.688	9.372	10776.429
69.228	1.005	14.757						
11/11/2016 1:30:00 PM	142200.000	131.026	20.364	298.648	14438.573	15841.316	9.368	10772.097
69.259	1.005	14.758						
11/11/2016 1:45:00 PM	143100.000	131.008	20.370	298.608	14443.729	15844.946	9.370	10774.563
69.234	1.005	14.760						
11/11/2016 2:00:00 PM	144000.000	130.990	20.369	298.567	14440.329	15841.417	9.368	10772.164
69.250	1.005	14.765						
11/11/2016 2:15:00 PM	144900.000	131.009	20.365	298.611	14439.088	15841.387	9.368	10772.145
69.256	1.005	14.744						
11/11/2016 2:30:00 PM	145800.000	130.987	20.369	298.559	14444.387	15846.013	9.371	10775.289
69.231	1.005	14.761						
11/11/2016 2:45:00 PM	146700.000	130.975	20.367	298.533	14438.883	15840.644	9.367	10771.638
69.257	1.005	14.761						
11/11/2016 3:00:00 PM	147600.000	130.972	20.367	298.526	14442.499	15844.521	9.370	10774.274
69.240	1.005	14.770						
11/11/2016 3:15:00 PM	148500.000	130.964	20.371	298.508	14442.746	15843.663	9.369	10773.692
69.239	1.005	14.760						
11/11/2016 3:30:00 PM	149400.000	130.955	20.369	298.486	14436.739	15837.569	9.365	10769.548
69.268	1.005	14.766						
11/11/2016 3:45:00 PM	150300.000	130.947	20.372	298.468	14440.829	15841.100	9.367	10771.949
69.248	1.005	14.771						
11/11/2016 4:00:00 PM	151200.000	130.951	20.370	298.477	14440.038	15840.810	9.367	10771.751
69.252	1.005	14.762						
11/11/2016 4:15:00 PM	152100.000	130.932	20.365	298.436	14439.811	15842.385	9.368	10772.821
69.253	1.005	14.765						
11/11/2016 4:30:00 PM	153000.000	130.945	20.370	298.463	14437.549	15838.194	9.366	10769.973
69.264	1.005	14.765						
11/11/2016 4:45:00 PM	153900.000	130.934	20.377	298.438	14440.338	15838.791	9.366	10770.378
69.250	1.005	14.771						
11/11/2016 5:00:00 PM	154800.000	130.933	20.369	298.438	14440.928	15842.310	9.368	10772.771
69.248	1.005	14.769						
11/11/2016 5:15:00 PM	155700.000	130.923	20.369	298.413	14433.234	15833.661	9.363	10766.891
69.285	1.005	14.770						
11/11/2016 5:30:00 PM	156600.000	130.954	20.368	298.485	14433.199	15833.941	9.363	10767.080
69.285	1.005	14.773						
11/11/2016 5:45:00 PM	157500.000	130.920	20.371	298.407	14431.372	15831.098	9.361	10765.147
69.293	1.005	14.775						
11/11/2016 6:00:00 PM	158400.000	130.918	20.364	298.403	14437.006	15839.425	9.366	10770.810
69.266	1.005	14.780						
11/11/2016 6:15:00 PM	159300.000	130.932	20.374	298.435	14435.764	15834.758	9.363	10767.637
69.272	1.005	14.778						
11/11/2016 6:30:00 PM	160200.000	130.922	20.367	298.411	14433.773	15834.977	9.363	10767.785
69.282	1.005	14.778						
11/11/2016 6:45:00 PM	161100.000	130.927	20.368	298.422	14436.985	15838.301	9.366	10770.045
69.267	1.005	14.779						
11/11/2016 7:00:00 PM	162000.000	130.935	20.369	298.441	14441.341	15842.555	9.368	10772.938
69.246	1.005	14.775						
11/11/2016 7:15:00 PM	162900.000	130.927	20.373	298.424	14441.578	15841.513	9.368	10772.229
69.245	1.005	14.770						
11/11/2016 7:30:00 PM	163800.000	130.923	20.372	298.414	14442.340	15842.898	9.369	10773.172
69.241	1.005	14.773						
11/11/2016 7:45:00 PM	164700.000	130.935	20.361	298.442	14437.835	15841.550	9.368	10772.254
69.262	1.005	14.759						
11/11/2016 8:00:00 PM	165600.000	130.947	20.368	298.468	14445.565	15847.741	9.372	10776.465
69.225	1.005	14.761						
11/11/2016 8:15:00 PM	166500.000	130.939	20.368	298.450	14442.546	15844.371	9.370	10774.174
69.240	1.005	14.759						
11/11/2016 8:30:00 PM	167400.000	130.951	20.369	298.478	14444.326	15846.038	9.371	10775.306
69.231	1.005	14.754						
11/11/2016 8:45:00 PM	168300.000	130.956	20.367	298.490	14442.495	15844.435	9.370	10774.217
69.240	1.005	14.761						
11/11/2016 9:00:00 PM	169200.000	130.952	20.372	298.481	14445.014	15845.718	9.370	10775.088
69.228	1.005	14.764						
11/11/2016 9:15:00 PM	170100.000	130.957	20.368	298.491	14440.927	15842.652	9.368	10773.005
69.248	1.005	14.759						
11/11/2016 9:30:00 PM	171000.000	130.955	20.365	298.486	14447.738	15850.905	9.374	10778.616
69.215	1.005	14.760						
11/11/2016 9:45:00 PM	171900.000	130.972	20.367	298.525	14448.251	15850.749	9.374	10778.510
69.213	1.005	14.762						
11/11/2016 10:00:00 PM	172800.000	130.959	20.370	298.497	14450.928	15852.696	9.375	10779.835
69.200	1.005	14.777						
11/11/2016 10:15:00 PM	173700.000	130.955	20.377	298.487	14450.163	15849.539	9.373	10777.688
69.203	1.005	14.777						
11/11/2016 10:30:00 PM	174600.000	130.967	20.369	298.515	14444.895	15846.630	9.371	10775.708
69.229	1.005	14.766						
11/11/2016 10:45:00 PM	175500.000	130.952	20.370	298.479	14450.914	15852.940	9.375	10780.001
69.200	1.005	14.773						
11/11/2016 11:00:00 PM	176400.000	130.955	20.369	298.488	14452.626	15854.935	9.376	10781.355
69.192	1.005	14.776						
11/11/2016 11:15:00 PM	177300.000	130.949	20.372	298.472	14449.662	15850.902	9.374	10778.614
69.206	1.005	14.781						
11/11/2016 11:30:00 PM	178200.000	130.947	20.374	298.469	14453.597	15854.553	9.376	10781.097
69.187	1.005	14.782						
11/11/2016 11:45:00 PM	179100.000	130.941	20.367	298.455	14457.171	15860.617	9.380	10785.220
69.170	1.005	14.781						
11/12/2016 12:00:00 AM	180000.000	130.944	20.374	298.461	14458.423	15859.874	9.379	10784.716
69.164	1.005	14.774						
11/12/2016 12:15:00 AM	180900.000	130.924	20.373	298.417	14460.971	15862.785	9.381	10786.694
69.152	1.005	14.773						
11/12/2016 12:30:00 AM	181800.000	130.931	20.371	298.432	14458.792	15861.178	9.380	10785.601
69.162	1.005	14.778						
11/12/2016 12:45:00 AM	182700.000	130.926	20.368	298.420	14457.900	15861.304	9.380	10785.688
69.166	1.005	14.783						
11/12/2016 1:00:00 AM	183600.000	130.928	20.375	298.425	14460.837	15861.886	9.381	10786.082
69.152	1.005	14.776						
11/12/2016 1:15:00 AM	184500.000	130.915	20.374	298.395	14459.306	15860.787	9.380	10785.336
69.160	1.005	14.777						
11/12/2016 1:30:00 AM	185400.000	130.923	20.369	298.413	14455.926	15858.818	9.379	10783.997
69.176	1.005	14.777						
11/12/2016 1:45:00 AM	186300.000	130.906	20.372	298.376	14460.625	15862.698	9.381	10786.636
69.153	1.005	14.780						
11/12/2016 2:00:00 AM	187200.000	130.899	20.373	298.360	14464.939	15867.370	9.384	10789.813
69.133	1.005	14.785						
11/12/2016 2:15:00 AM	188100.000	130.905	20.367	298.373	14456.108	15859.424	9.379	10784.408

69.175	1.005	14.778						
11/12/2016 2:30:00 AM	189000.000	130.894	20.373	298.347	14459.974	15861.778	9.381	10786.011
69.156	1.005	14.780						
11/12/2016 2:45:00 AM	189900.000	130.898	20.369	298.357	14462.170	15865.377	9.383	10788.457
69.146	1.005	14.781						
11/12/2016 3:00:00 AM	190800.000	130.888	20.368	298.335	14458.851	15862.083	9.381	10786.218
69.162	1.005	14.783						
11/12/2016 3:15:00 AM	191700.000	130.894	20.367	298.349	14456.192	15859.572	9.379	10784.510
69.175	1.005	14.780						
11/12/2016 3:30:00 AM	192600.000	130.885	20.367	298.328	14462.345	15866.211	9.383	10789.024
69.145	1.005	14.786						
11/12/2016 3:45:00 AM	193500.000	130.897	20.374	298.354	14462.216	15864.035	9.382	10787.544
69.146	1.005	14.778						
11/12/2016 4:00:00 AM	194400.000	130.895	20.371	298.349	14467.193	15870.454	9.386	10791.909
69.122	1.005	14.783						
11/12/2016 4:15:00 AM	195300.000	130.897	20.368	298.355	14462.053	15865.771	9.383	10788.724
69.146	1.005	14.783						
11/12/2016 4:30:00 AM	196200.000	130.897	20.374	298.354	14464.902	15866.692	9.384	10789.352
69.133	1.005	14.783						
11/12/2016 4:45:00 AM	197100.000	130.896	20.373	298.352	14463.537	15865.601	9.383	10788.608
69.139	1.005	14.784						
11/12/2016 5:00:00 AM	198000.000	130.919	20.371	298.406	14461.063	15863.757	9.382	10787.355
69.151	1.005	14.778						
11/12/2016 5:15:00 AM	198900.000	130.916	20.375	298.398	14466.565	15868.343	9.385	10790.474
69.125	1.005	14.784						
11/12/2016 5:30:00 AM	199800.000	130.931	20.371	298.431	14466.469	15869.486	9.386	10791.251
69.125	1.005	14.778						
11/12/2016 5:45:00 AM	200700.000	130.944	20.367	298.461	14466.578	15870.938	9.387	10792.238
69.125	1.005	14.775						
11/12/2016 6:00:00 AM	201600.000	130.928	20.374	298.425	14466.587	15868.540	9.385	10790.608
69.125	1.005	14.791						
11/12/2016 6:15:00 AM	202500.000	130.962	20.374	298.504	14467.379	15869.582	9.386	10791.316
69.121	1.005	14.784						
11/12/2016 6:30:00 AM	203400.000	130.965	20.371	298.509	14466.771	15869.901	9.386	10791.533
69.124	1.005	14.786						
11/12/2016 6:45:00 AM	204300.000	130.971	20.377	298.524	14472.678	15874.466	9.389	10794.638
69.096	1.005	14.789						
11/12/2016 7:00:00 AM	205200.000	130.981	20.368	298.547	14469.189	15873.601	9.388	10794.049
69.112	1.005	14.792						
11/12/2016 7:15:00 AM	206100.000	130.988	20.378	298.563	14477.365	15879.287	9.392	10797.915
69.073	1.005	14.794						
11/12/2016 7:30:00 AM	207000.000	131.008	20.370	298.607	14469.126	15872.746	9.388	10793.469
69.113	1.005	14.800						
11/12/2016 7:45:00 AM	207900.000	131.010	20.373	298.613	14470.898	15873.907	9.388	10794.257
69.104	1.005	14.801						
11/12/2016 8:00:00 AM	208800.000	131.026	20.381	298.648	14476.757	15877.546	9.391	10796.732
69.076	1.005	14.798						
11/12/2016 8:15:00 AM	209700.000	131.036	20.376	298.673	14473.854	15876.104	9.390	10795.752
69.090	1.005	14.805						
11/12/2016 8:30:00 AM	210600.000	131.050	20.375	298.702	14479.974	15883.196	9.394	10800.573
69.061	1.005	14.808						
11/12/2016 8:45:00 AM	211500.000	131.055	20.370	298.715	14470.621	15874.359	9.389	10794.565
69.106	1.005	14.811						
11/12/2016 9:00:00 AM	212400.000	131.061	20.374	298.729	14476.027	15879.010	9.392	10797.727
69.080	1.005	14.802						
11/12/2016 9:15:00 AM	213300.000	131.076	20.374	298.762	14474.942	15877.995	9.391	10797.038
69.085	1.005	14.806						
11/12/2016 9:30:00 AM	214200.000	131.085	20.373	298.784	14476.504	15879.736	9.392	10798.222
69.077	1.005	14.803						
11/12/2016 9:45:00 AM	215100.000	131.091	20.373	298.797	14475.215	15878.642	9.392	10797.477
69.084	1.005	14.803						
11/12/2016 10:00:00 AM	216000.000	131.094	20.376	298.804	14478.549	15881.226	9.393	10799.233
69.068	1.005	14.802						
11/12/2016 10:15:00 AM	216900.000	131.094	20.375	298.804	14478.259	15881.169	9.393	10799.196
69.069	1.005	14.804						
11/12/2016 10:30:00 AM	217800.000	131.098	20.373	298.812	14483.771	15887.998	9.398	10803.840
69.043	1.005	14.802						
11/12/2016 10:45:00 AM	218700.000	131.103	20.379	298.824	14476.104	15877.587	9.391	10796.760
69.079	1.005	14.794						
11/12/2016 11:00:00 AM	219600.000	131.093	20.370	298.800	14477.351	15881.683	9.393	10799.544
69.073	1.005	14.795						
11/12/2016 11:15:00 AM	220500.000	131.099	20.372	298.815	14477.886	15881.833	9.394	10799.647
69.071	1.005	14.792						
11/12/2016 11:30:00 AM	221400.000	131.088	20.377	298.791	14480.066	15882.511	9.394	10800.108
69.060	1.005	14.789						
11/12/2016 11:45:00 AM	222300.000	131.085	20.368	298.782	14481.004	15886.562	9.397	10802.863
69.056	1.005	14.784						
11/12/2016 12:00:00 PM	223200.000	131.097	20.374	298.810	14480.469	15884.057	9.395	10801.159
69.059	1.005	14.779						
11/12/2016 12:15:00 PM	224100.000	131.073	20.370	298.756	14473.287	15877.225	9.391	10796.514
69.093	1.005	14.776						
11/12/2016 12:30:00 PM	225000.000	131.070	20.364	298.750	14475.574	15881.940	9.394	10799.720
69.082	1.005	14.772						
11/12/2016 12:45:00 PM	225900.000	131.049	20.365	298.701	14473.590	15879.240	9.392	10797.884
69.091	1.005	14.774						
11/12/2016 1:00:00 PM	226800.000	131.047	20.373	298.698	14472.586	15875.438	9.389	10795.299
69.096	1.005	14.771						
11/12/2016 1:15:00 PM	227700.000	131.032	20.371	298.662	14474.090	15877.930	9.391	10796.992
69.089	1.005	14.774						
11/12/2016 1:30:00 PM	228600.000	131.023	20.366	298.641	14467.588	15872.597	9.388	10793.366
69.120	1.005	14.764						
11/12/2016 1:45:00 PM	229500.000	131.011	20.370	298.614	14472.646	15876.780	9.390	10796.211
69.096	1.005	14.770						
11/12/2016 2:00:00 PM	230400.000	130.990	20.375	298.566	14471.120	15873.279	9.388	10793.831
69.103	1.005	14.779						
11/12/2016 2:15:00 PM	231300.000	130.985	20.370	298.554	14470.444	15874.338	9.389	10794.550
69.106	1.005	14.772						
11/12/2016 2:30:00 PM	232200.000	130.959	20.365	298.495	14466.359	15871.427	9.387	10792.571
69.126	1.005	14.773						
11/12/2016 2:45:00 PM	233100.000	130.949	20.367	298.473	14465.649	15869.979	9.386	10791.587
69.129	1.005	14.770						
11/12/2016 3:00:00 PM	234000.000	130.932	20.366	298.434	14467.548	15872.353	9.387	10793.200
69.120	1.005	14.775						
11/12/2016 3:15:00 PM	234900.000	130.908	20.378	298.380	14467.810	15868.867	9.385	10790.831
69.119	1.005	14.775						
11/12/2016 3:30:00 PM	235800.000	130.897	20.373	298.355	14464.040	15866.064	9.383	10788.924
69.137	1.005	14.773						
11/12/2016 3:45:00 PM	236700.000	130.889	20.369	298.337	14467.283	15871.277	9.387	10792.469
69.121	1.005	14.771						
11/12/2016 4:00:00 PM	237600.000	130.883	20.371	298.323	14466.217	15869.383	9.386	10791.182
69.127	1.005	14.767						
11/12/2016 4:15:00 PM	238500.000	130.871	20.371	298.294	14466.205	15869.397	9.386	10791.191
69.127	1.005	14.775						
11/12/2016 4:30:00 PM	239400.000	130.858	20.370	298.265	14464.533	15867.911	9.385	10790.181
69.135	1.005	14.773						
11/12/2016 4:45:00 PM	240300.000	130.853	20.367	298.255	14463.028	15867.133	9.384	10789.651
69.142	1.005	14.775						
11/12/2016 5:00:00 PM	241200.000	130.833	20.372	298.208	14464.791	15867.385	9.384	10789.821
69.133	1.005	14.777						
11/12/2016 5:15:00 PM	242100.000	130.843	20.368	298.231	14461.435	15865.007	9.383	10788.205
69.149	1.005	14.778						
11/12/2016 5:30:00 PM	243000.000	130.844	20.367	298.233	14462.606	15866.498	9.384	10789.219
69.144	1.005	14.778						
11/12/2016 5:45:00 PM	243900.000	130.824	20.372	298.188	14463.542	15866.015	9.383	10788.890
69.139	1.005	14.782						
11/12/2016 6:00:00 PM	244800.000	130.837	20.362	298.218	14455.447	15860.471	9.380	10785.121
69.178	1.005	14.779						
11/12/2016 6:15:00 PM	245700.000	130.834	20.371	298.211	14464.511	15867.567	9.384	10789.946
69.135	1.005	14.785						
11/12/2016 6:30:00 PM	246600.000	130.833	20.364	298.208	14464.651	15870.045	9.386	10791.632
69.134	1.005	14.780						
11/12/2016 6:45:00 PM	247500.000	130.838	20.370	298.220	14462.271	15865.168	9.383	10788.314
69.145	1.005	14.780						

11/12/2016 7:00:00 PM	248400.000	130.826	20.370	298.193	14464.344	15867.646	9.384	10790.000
69.136	1.005	14.784						
11/12/2016 7:15:00 PM	249300.000	130.830	20.373	298.201	14464.369	15866.569	9.384	10789.269
69.135	1.005	14.783						
11/12/2016 7:30:00 PM	250200.000	130.842	20.372	298.228	14469.082	15872.062	9.387	10793.002
69.113	1.005	14.774						
11/12/2016 7:45:00 PM	251100.000	130.849	20.367	298.246	14465.382	15869.801	9.386	10791.466
69.131	1.005	14.774						
11/12/2016 8:00:00 PM	252000.000	130.848	20.372	298.242	14465.246	15867.939	9.385	10790.199
69.131	1.005	14.777						
11/12/2016 8:15:00 PM	252900.000	130.858	20.370	298.266	14470.668	15874.499	9.389	10794.659
69.105	1.005	14.774						
11/12/2016 8:30:00 PM	253800.000	130.848	20.370	298.244	14470.533	15874.351	9.389	10794.560
69.106	1.005	14.782						
11/12/2016 8:45:00 PM	254700.000	130.864	20.366	298.281	14472.473	15877.756	9.391	10796.875
69.097	1.005	14.782						
11/12/2016 9:00:00 PM	255600.000	130.872	20.373	298.298	14470.226	15873.139	9.388	10793.734
69.107	1.005	14.783						
11/12/2016 9:15:00 PM	256500.000	130.872	20.370	298.298	14475.464	15879.872	9.392	10798.314
69.082	1.005	14.783						
11/12/2016 9:30:00 PM	257400.000	130.879	20.376	298.315	14476.420	15878.772	9.392	10797.566
69.078	1.005	14.784						
11/12/2016 9:45:00 PM	258300.000	130.889	20.373	298.338	14474.735	15878.029	9.391	10797.060
69.086	1.005	14.790						
11/12/2016 10:00:00 PM	259200.000	130.898	20.368	298.356	14477.891	15882.971	9.394	10800.421
69.071	1.005	14.788						
11/12/2016 10:15:00 PM	260100.000	130.890	20.374	298.339	14480.621	15884.196	9.395	10801.254
69.058	1.005	14.797						
11/12/2016 10:30:00 PM	261000.000	130.890	20.371	298.339	14484.623	15889.574	9.398	10804.911
69.039	1.005	14.797						
11/12/2016 10:45:00 PM	261900.000	130.930	20.373	298.430	14482.656	15886.543	9.397	10802.850
69.048	1.005	14.798						
11/12/2016 11:00:00 PM	262800.000	130.901	20.373	298.365	14486.060	15890.362	9.399	10805.446
69.032	1.005	14.801						
11/12/2016 11:15:00 PM	263700.000	130.906	20.371	298.374	14484.138	15888.838	9.398	10804.411
69.041	1.005	14.793						
11/12/2016 11:30:00 PM	264600.000	130.901	20.374	298.365	14483.923	15887.671	9.397	10803.616
69.042	1.005	14.795						
11/12/2016 11:45:00 PM	265500.000	130.905	20.373	298.373	14489.417	15894.135	9.401	10808.012
69.016	1.005	14.801						
11/13/2016 12:00:00 AM	266400.000	130.912	20.369	298.388	14484.928	15890.635	9.399	10805.633
69.037	1.005	14.792						
11/13/2016 12:15:00 AM	267300.000	130.901	20.370	298.363	14494.708	15900.783	9.406	10812.532
68.991	1.005	14.794						
11/13/2016 12:30:00 AM	268200.000	130.908	20.375	298.379	14494.257	15898.833	9.404	10811.208
68.993	1.005	14.793						
11/13/2016 12:45:00 AM	269100.000	130.890	20.368	298.339	14493.179	15899.948	9.405	10811.965
68.998	1.005	14.795						
11/13/2016 1:00:00 AM	270000.000	130.906	20.373	298.376	14495.120	15900.245	9.405	10812.167
68.989	1.005	14.792						
11/13/2016 1:15:00 AM	270900.000	130.901	20.364	298.364	14487.946	15895.458	9.402	10808.911
69.023	1.005	14.792						
11/13/2016 1:30:00 AM	271800.000	130.895	20.371	298.349	14497.286	15903.262	9.407	10814.219
68.978	1.005	14.795						
11/13/2016 1:45:00 AM	272700.000	130.889	20.368	298.336	14496.253	15903.232	9.407	10814.198
68.983	1.005	14.799						
11/13/2016 2:00:00 AM	273600.000	130.888	20.374	298.335	14498.214	15903.288	9.407	10814.236
68.974	1.005	14.799						
11/13/2016 2:15:00 AM	274500.000	130.888	20.368	298.335	14499.932	15907.150	9.410	10816.863
68.966	1.005	14.794						
11/13/2016 2:30:00 AM	275400.000	130.882	20.373	298.320	14496.676	15902.153	9.407	10813.465
68.981	1.005	14.796						
11/13/2016 2:45:00 AM	276300.000	130.871	20.369	298.295	14498.891	15905.806	9.409	10815.948
68.971	1.005	14.801						
11/13/2016 3:00:00 AM	277200.000	130.885	20.366	298.326	14493.713	15901.230	9.406	10812.838
68.995	1.005	14.796						
11/13/2016 3:15:00 AM	278100.000	130.873	20.366	298.300	14494.885	15902.458	9.407	10813.672
68.990	1.005	14.796						
11/13/2016 3:30:00 AM	279000.000	130.881	20.372	298.317	14495.598	15901.087	9.406	10812.739
68.986	1.005	14.790						
11/13/2016 3:45:00 AM	279900.000	130.866	20.372	298.285	14498.852	15904.599	9.408	10815.127
68.971	1.005	14.795						
11/13/2016 4:00:00 AM	280800.000	130.915	20.365	298.395	14496.311	15904.137	9.408	10814.813
68.983	1.005	14.788						
11/13/2016 4:15:00 AM	281700.000	130.873	20.373	298.299	14498.468	15903.917	9.408	10814.665
68.973	1.005	14.791						
11/13/2016 4:30:00 AM	282600.000	130.869	20.366	298.290	14493.871	15901.433	9.406	10812.975
68.995	1.005	14.793						
11/13/2016 4:45:00 AM	283500.000	130.880	20.367	298.316	14497.268	15904.696	9.408	10815.194
68.979	1.005	14.796						
11/13/2016 5:00:00 AM	284400.000	130.893	20.374	298.345	14499.208	15904.468	9.408	10815.039
68.969	1.005	14.797						
11/13/2016 5:15:00 AM	285300.000	130.888	20.369	298.335	14497.211	15903.789	9.408	10814.578
68.979	1.005	14.798						
11/13/2016 5:30:00 AM	286200.000	130.902	20.372	298.365	14503.253	15909.660	9.411	10818.570
68.950	1.005	14.792						
11/13/2016 5:45:00 AM	287100.000	130.899	20.369	298.360	14498.007	15904.690	9.408	10815.190
68.975	1.005	14.796						
11/13/2016 6:00:00 AM	288000.000	130.912	20.360	298.388	14498.120	15907.988	9.410	10817.434
68.974	1.005	14.801						
11/13/2016 6:15:00 AM	288900.000	130.913	20.371	298.391	14503.888	15910.707	9.412	10819.281
68.947	1.005	14.800						
11/13/2016 6:30:00 AM	289800.000	130.917	20.372	298.401	14504.018	15910.415	9.412	10819.082
68.946	1.005	14.803						
11/13/2016 6:45:00 AM	290700.000	130.930	20.367	298.429	14504.246	15912.380	9.413	10820.418
68.945	1.005	14.805						
11/13/2016 7:00:00 AM	291600.000	130.933	20.378	298.437	14511.536	15916.594	9.416	10823.285
68.911	1.005	14.810						
11/13/2016 7:15:00 AM	292500.000	130.952	20.370	298.479	14510.860	15918.442	9.417	10824.541
68.914	1.005	14.807						
11/13/2016 7:30:00 AM	293400.000	130.955	20.369	298.487	14506.326	15913.990	9.414	10821.514
68.935	1.005	14.818						
11/13/2016 7:45:00 AM	294300.000	130.973	20.366	298.527	14505.817	15914.395	9.414	10821.789
68.938	1.005	14.813						
11/13/2016 8:00:00 AM	295200.000	130.986	20.368	298.558	14511.047	15919.492	9.418	10825.256
68.913	1.005	14.811						
11/13/2016 8:15:00 AM	296100.000	131.003	20.365	298.596	14504.326	15912.931	9.413	10820.793
68.945	1.005	14.820						
11/13/2016 8:30:00 AM	297000.000	131.014	20.370	298.621	14507.734	15915.161	9.415	10822.311
68.929	1.005	14.811						
11/13/2016 8:45:00 AM	297900.000	131.024	20.371	298.644	14510.428	15917.852	9.417	10824.141
68.916	1.005	14.818						
11/13/2016 9:00:00 AM	298800.000	131.041	20.363	298.684	14509.064	15918.946	9.417	10824.885
68.922	1.005	14.816						
11/13/2016 9:15:00 AM	299700.000	131.046	20.375	298.695	14512.788	15918.984	9.417	10824.910
68.905	1.005	14.813						
11/13/2016 9:30:00 AM	300600.000	131.062	20.374	298.730	14513.870	15920.434	9.418	10825.896
68.900	1.005	14.813						
11/13/2016 9:45:00 AM	301500.000	131.068	20.375	298.743	14511.438	15917.418	9.416	10823.845
68.911	1.005	14.815						
11/13/2016 10:00:00 AM	302400.000	131.050	20.373	298.704	14508.309	15914.800	9.415	10822.065
68.926	1.005	14.824						
11/13/2016 10:15:00 AM	303300.000	131.078	20.369	298.768	14509.842	15917.938	9.417	10824.198
68.919	1.005	14.810						
11/13/2016 10:30:00 AM	304200.000	131.083	20.379	298.778	14516.738	15922.183	9.419	10827.085
68.886	1.005	14.816						
11/13/2016 10:45:00 AM	305100.000	131.072	20.373	298.755	14515.773	15923.015	9.420	10827.651
68.891	1.005	14.817						
11/13/2016 11:00:00 AM	306000.000	131.081	20.378	298.775	14515.884	15921.566	9.419	10826.666
68.890	1.005	14.812						
11/13/2016 11:15:00 AM	306900.000	131.074	20.377	298.759	14514.091	15919.858	9.418	10825.504
68.899	1.005	14.816						
11/13/2016 11:30:00 AM	307800.000	131.083	20.373	298.780	14506.635	15912.904	9.413	10820.776

68.934	1.005	14.811						
11/13/2016 11:45:00 AM	308700.000	131.072	20.369	298.753	14515.572	15924.253	9.421	10828.493
68.892	1.005	14.810						
11/13/2016 12:00:00 PM	309600.000	131.079	20.371	298.769	14506.443	15913.567	9.414	10821.227
68.935	1.005	14.804						
11/13/2016 12:15:00 PM	310500.000	131.077	20.372	298.766	14510.892	15918.012	9.417	10824.248
68.914	1.005	14.799						
11/13/2016 12:30:00 PM	311400.000	131.064	20.371	298.736	14508.380	15915.432	9.415	10822.493
68.926	1.005	14.803						
11/13/2016 12:45:00 PM	312300.000	131.050	20.370	298.703	14509.665	15917.159	9.416	10823.669
68.920	1.005	14.805						
11/13/2016 1:00:00 PM	313200.000	131.043	20.371	298.689	14509.094	15916.358	9.416	10823.125
68.922	1.005	14.802						
11/13/2016 1:15:00 PM	314100.000	131.036	20.369	298.672	14508.419	15916.205	9.416	10823.020
68.925	1.005	14.805						
11/13/2016 1:30:00 PM	315000.000	131.024	20.369	298.644	14508.374	15916.301	9.416	10823.086
68.926	1.005	14.803						
11/13/2016 1:45:00 PM	315900.000	131.016	20.376	298.626	14509.635	15915.149	9.415	10822.302
68.920	1.005	14.796						
11/13/2016 2:00:00 PM	316800.000	131.007	20.369	298.606	14506.015	15913.504	9.414	10821.184
68.937	1.005	14.801						
11/13/2016 2:15:00 PM	317700.000	131.001	20.370	298.592	14508.093	15915.555	9.415	10822.577
68.927	1.005	14.797						
11/13/2016 2:30:00 PM	318600.000	130.982	20.364	298.548	14504.479	15913.742	9.414	10821.346
68.944	1.005	14.800						
11/13/2016 2:45:00 PM	319500.000	130.965	20.365	298.510	14501.137	15909.640	9.411	10818.555
68.960	1.005	14.795						
11/13/2016 3:00:00 PM	320400.000	130.955	20.374	298.486	14508.665	15914.725	9.415	10822.013
68.924	1.005	14.802						
11/13/2016 3:15:00 PM	321300.000	130.938	20.375	298.447	14502.509	15907.915	9.410	10817.384
68.954	1.005	14.801						
11/13/2016 3:30:00 PM	322200.000	130.929	20.370	298.428	14502.696	15909.486	9.411	10818.452
68.953	1.005	14.802						
11/13/2016 3:45:00 PM	323100.000	130.916	20.376	298.398	14501.929	15906.753	9.410	10816.592
68.956	1.005	14.805						
11/13/2016 4:00:00 PM	324000.000	130.916	20.371	298.398	14497.530	15903.762	9.408	10814.558
68.977	1.005	14.801						
11/13/2016 4:15:00 PM	324900.000	130.908	20.362	298.379	14492.081	15900.691	9.406	10812.472
69.003	1.005	14.803						
11/13/2016 4:30:00 PM	325800.000	130.889	20.368	298.337	14493.450	15900.274	9.405	10812.188
68.997	1.005	14.801						
11/13/2016 4:45:00 PM	326700.000	130.872	20.365	298.298	14489.793	15897.017	9.403	10809.972
69.014	1.005	14.807						
11/13/2016 5:00:00 PM	327600.000	130.878	20.366	298.311	14493.187	15900.392	9.405	10812.268
68.998	1.005	14.801						
11/13/2016 5:15:00 PM	328500.000	130.873	20.364	298.301	14496.931	15905.229	9.408	10815.558
68.980	1.005	14.803						
11/13/2016 5:30:00 PM	329400.000	130.866	20.363	298.284	14491.836	15900.044	9.405	10812.031
69.004	1.005	14.802						
11/13/2016 5:45:00 PM	330300.000	130.854	20.373	298.257	14494.688	15899.800	9.405	10811.865
68.991	1.005	14.808						
11/13/2016 6:00:00 PM	331200.000	130.886	20.369	298.329	14491.209	15897.406	9.404	10810.237
69.007	1.005	14.800						
11/13/2016 6:15:00 PM	332100.000	130.851	20.375	298.251	14498.140	15902.977	9.407	10814.025
68.974	1.005	14.806						
11/13/2016 6:30:00 PM	333000.000	130.855	20.375	298.259	14495.579	15900.053	9.405	10812.036
68.987	1.005	14.805						
11/13/2016 6:45:00 PM	333900.000	130.848	20.367	298.244	14490.535	15897.454	9.404	10810.270
69.011	1.005	14.809						
11/13/2016 7:00:00 PM	334800.000	130.860	20.375	298.270	14493.441	15897.909	9.404	10810.578
68.997	1.005	14.809						
11/13/2016 7:15:00 PM	335700.000	130.855	20.362	298.259	14489.551	15897.770	9.404	10810.484
69.015	1.005	14.818						
11/13/2016 7:30:00 PM	336600.000	130.852	20.367	298.252	14490.823	15897.596	9.404	10810.365
69.009	1.005	14.815						
11/13/2016 7:45:00 PM	337500.000	130.872	20.375	298.297	14495.523	15900.021	9.405	10812.015
68.987	1.005	14.814						
11/13/2016 8:00:00 PM	338400.000	130.872	20.372	298.297	14492.456	15897.761	9.404	10810.479
69.001	1.005	14.812						
11/13/2016 8:15:00 PM	339300.000	130.879	20.370	298.313	14494.574	15900.809	9.406	10812.551
68.991	1.005	14.813						
11/13/2016 8:30:00 PM	340200.000	130.881	20.371	298.318	14494.717	15900.502	9.406	10812.343
68.991	1.005	14.811						
11/13/2016 8:45:00 PM	341100.000	130.889	20.370	298.336	14495.805	15902.074	9.407	10813.411
68.985	1.005	14.810						
11/13/2016 9:00:00 PM	342000.000	130.901	20.373	298.363	14491.575	15896.413	9.403	10809.561
69.006	1.005	14.813						
11/13/2016 9:15:00 PM	342900.000	130.920	20.367	298.406	14494.265	15901.371	9.406	10812.933
68.993	1.005	14.817						
11/13/2016 9:30:00 PM	343800.000	130.916	20.377	298.398	14498.289	15902.586	9.407	10813.759
68.974	1.005	14.818						
11/13/2016 9:45:00 PM	344700.000	130.926	20.377	298.422	14498.879	15903.060	9.407	10814.081
68.971	1.005	14.813						
11/13/2016 10:00:00 PM	345600.000	130.945	20.376	298.464	14504.039	15909.241	9.411	10818.285
68.946	1.005	14.817						
11/13/2016 10:15:00 PM	346500.000	130.934	20.369	298.439	14499.114	15905.962	9.409	10816.056
68.970	1.005	14.822						
11/13/2016 10:30:00 PM	347400.000	130.945	20.372	298.465	14504.318	15910.628	9.412	10819.229
68.945	1.005	14.819						
11/13/2016 10:45:00 PM	348300.000	130.964	20.366	298.508	14505.707	15914.361	9.414	10821.766
68.938	1.005	14.818						
11/13/2016 11:00:00 PM	349200.000	130.971	20.364	298.524	14501.541	15910.229	9.412	10818.956
68.958	1.005	14.819						
11/13/2016 11:15:00 PM	350100.000	130.976	20.377	298.535	14511.295	15916.647	9.416	10823.320
68.912	1.005	14.818						
11/13/2016 11:30:00 PM	351000.000	130.979	20.367	298.541	14508.746	15917.289	9.416	10823.757
68.924	1.005	14.823						
11/13/2016 11:45:00 PM	351900.000	130.987	20.370	298.560	14510.173	15917.717	9.417	10824.048
68.917	1.005	14.815						
11/14/2016 12:00:00 AM	352800.000	130.996	20.366	298.580	14514.255	15923.710	9.420	10828.123
68.898	1.005	14.821						
11/14/2016 12:15:00 AM	353700.000	131.001	20.371	298.592	14513.819	15921.603	9.419	10826.689
68.900	1.005	14.814						
11/14/2016 12:30:00 AM	354600.000	130.998	20.367	298.585	14513.080	15922.014	9.419	10826.970
68.903	1.005	14.817						
11/14/2016 12:45:00 AM	355500.000	131.003	20.369	298.597	14512.226	15920.495	9.418	10825.938
68.907	1.005	14.815						
11/14/2016 1:00:00 AM	356400.000	131.010	20.367	298.613	14512.347	15921.095	9.419	10826.346
68.907	1.005	14.816						
11/14/2016 1:15:00 AM	357300.000	131.010	20.367	298.612	14511.736	15920.396	9.418	10825.870
68.910	1.005	14.815						
11/14/2016 1:30:00 AM	358200.000	131.009	20.367	298.609	14508.114	15916.479	9.416	10823.206
68.927	1.005	14.813						
11/14/2016 1:45:00 AM	359100.000	131.005	20.372	298.600	14512.265	15919.576	9.418	10825.312
68.907	1.005	14.814						
11/14/2016 2:00:00 AM	360000.000	130.998	20.367	298.584	14512.491	15921.426	9.419	10826.569
68.906	1.005	14.818						
11/14/2016 2:15:00 AM	360900.000	131.004	20.370	298.599	14510.347	15917.879	9.417	10824.158
68.916	1.005	14.816						
11/14/2016 2:30:00 AM	361800.000	131.008	20.367	298.609	14514.757	15923.766	9.420	10828.161
68.895	1.005	14.808						
11/14/2016 2:45:00 AM	362700.000	131.004	20.368	298.599	14512.169	15920.609	9.418	10826.016
68.908	1.005	14.815						
11/14/2016 3:00:00 AM	363600.000	130.997	20.371	298.583	14515.424	15923.272	9.420	10827.825
68.892	1.005	14.813						
11/14/2016 3:15:00 AM	364500.000	131.010	20.375	298.612	14517.546	15924.350	9.421	10828.558
68.882	1.005	14.809						
11/14/2016 3:30:00 AM	365400.000	131.008	20.370	298.608	14516.147	15924.475	9.421	10828.643
68.889	1.005	14.809						
11/14/2016 3:45:00 AM	366300.000	131.009	20.374	298.609	14516.233	15923.202	9.420	10827.778
68.888	1.005	14.811						
11/14/2016 4:00:00 AM	367200.000	131.002	20.373	298.594	14513.122	15920.106	9.418	10825.673
68.903	1.005	14.813						

11/14/2016 4:15:00 AM	368100.000	131.014	20.367	298.621	14513.150	15922.266	9.419	10827.141
68.903	1.005	14.809						
11/14/2016 4:30:00 AM	369000.000	130.997	20.367	298.583	14513.204	15922.007	9.419	10826.965
68.903	1.005	14.813						
11/14/2016 4:45:00 AM	369900.000	131.008	20.364	298.608	14512.013	15921.776	9.419	10826.808
68.908	1.005	14.810						
11/14/2016 5:00:00 AM	370800.000	130.999	20.377	298.586	14511.269	15916.708	9.416	10823.361
68.912	1.005	14.811						
11/14/2016 5:15:00 AM	371700.000	131.007	20.365	298.606	14506.129	15915.146	9.415	10822.299
68.936	1.005	14.810						
11/14/2016 5:30:00 AM	372600.000	131.018	20.369	298.632	14511.188	15919.269	9.418	10825.103
68.912	1.005	14.808						
11/14/2016 5:45:00 AM	373500.000	131.012	20.372	298.617	14504.973	15911.547	9.413	10819.852
68.942	1.005	14.812						
11/14/2016 6:00:00 AM	374400.000	131.021	20.373	298.637	14510.329	15917.074	9.416	10823.611
68.916	1.005	14.808						
11/14/2016 6:15:00 AM	375300.000	131.019	20.378	298.632	14510.820	15915.750	9.415	10822.710
68.914	1.005	14.811						
11/14/2016 6:30:00 AM	376200.000	131.042	20.368	298.685	14503.755	15911.406	9.412	10819.758
68.948	1.005	14.808						
11/14/2016 6:45:00 AM	377100.000	131.053	20.366	298.711	14503.501	15911.854	9.413	10820.061
68.949	1.005	14.808						
11/14/2016 7:00:00 AM	378000.000	131.057	20.377	298.719	14510.349	15915.813	9.415	10822.754
68.916	1.005	14.815						
11/14/2016 7:15:00 AM	378900.000	131.053	20.364	298.710	14505.857	15914.993	9.415	10822.196
68.938	1.005	14.821						
11/14/2016 7:30:00 AM	379800.000	131.079	20.374	298.770	14503.944	15909.780	9.411	10818.651
68.947	1.005	14.814						
11/14/2016 7:45:00 AM	380700.000	131.082	20.367	298.777	14504.207	15912.220	9.413	10820.310
68.946	1.005	14.822						
11/14/2016 8:00:00 AM	381600.000	131.102	20.373	298.822	14500.144	15905.929	9.409	10816.031
68.965	1.005	14.825						
11/14/2016 8:15:00 AM	382500.000	131.144	20.372	298.918	14507.266	15913.887	9.414	10821.443
68.931	1.005	14.818						
11/14/2016 8:30:00 AM	383400.000	131.156	20.367	298.945	14501.832	15909.531	9.411	10818.482
68.957	1.005	14.825						
11/14/2016 8:45:00 AM	384300.000	131.142	20.371	298.912	14504.281	15911.139	9.412	10819.574
68.945	1.005	14.819						
11/14/2016 9:00:00 AM	385200.000	131.139	20.374	298.907	14511.421	15917.981	9.417	10824.229
68.911	1.005	14.828						
11/14/2016 9:15:00 AM	386100.000	131.147	20.368	298.926	14503.269	15910.812	9.412	10819.353
68.950	1.005	14.824						
11/14/2016 9:30:00 AM	387000.000	131.157	20.366	298.948	14504.238	15912.544	9.413	10820.531
68.945	1.005	14.824						
11/14/2016 9:45:00 AM	387900.000	131.179	20.369	298.998	14503.822	15911.099	9.412	10819.548
68.947	1.005	14.827						
11/14/2016 10:00:00 AM	388800.000	131.193	20.370	299.030	14506.280	15913.533	9.414	10821.203
68.936	1.005	14.814						
11/14/2016 10:15:00 AM	389700.000	131.207	20.369	299.062	14499.311	15906.358	9.409	10816.325
68.969	1.005	14.815						
11/14/2016 10:30:00 AM	390600.000	131.203	20.364	299.051	14505.587	15914.696	9.415	10821.994
68.939	1.005	14.818						
11/14/2016 10:45:00 AM	391500.000	131.211	20.368	299.071	14502.566	15910.103	9.412	10818.870
68.953	1.005	14.820						
11/14/2016 11:00:00 AM	392400.000	131.218	20.374	299.086	14505.257	15911.220	9.412	10819.631
68.941	1.005	14.812						
11/14/2016 11:15:00 AM	393300.000	131.224	20.369	299.100	14503.710	15911.153	9.412	10819.585
68.948	1.005	14.813						
11/14/2016 11:30:00 AM	394200.000	131.219	20.375	299.089	14505.492	15911.188	9.412	10819.607
68.939	1.005	14.809						
11/14/2016 11:45:00 AM	395100.000	131.227	20.370	299.106	14499.893	15906.701	9.409	10816.557
68.966	1.005	14.805						
11/14/2016 12:00:00 PM	396000.000	131.217	20.371	299.084	14502.783	15909.552	9.411	10818.496
68.952	1.005	14.804						
11/14/2016 12:15:00 PM	396900.000	131.223	20.371	299.098	14499.875	15906.102	9.409	10816.149
68.966	1.005	14.803						
11/14/2016 12:30:00 PM	397800.000	131.226	20.367	299.104	14498.860	15906.472	9.409	10816.400
68.971	1.005	14.798						
11/14/2016 12:45:00 PM	398700.000	131.209	20.372	299.066	14504.021	15910.504	9.412	10819.144
68.946	1.005	14.798						
11/14/2016 1:00:00 PM	399600.000	131.205	20.371	299.056	14499.292	15905.403	9.409	10815.676
68.969	1.005	14.796						
11/14/2016 1:15:00 PM	400500.000	131.190	20.371	299.022	14498.777	15904.957	9.408	10815.371
68.971	1.005	14.799						
11/14/2016 1:30:00 PM	401400.000	131.181	20.372	299.003	14501.807	15907.989	9.410	10817.434
68.957	1.005	14.797						
11/14/2016 1:45:00 PM	402300.000	131.172	20.373	298.981	14497.502	15903.060	9.407	10814.081
68.977	1.005	14.796						
11/14/2016 2:00:00 PM	403200.000	131.174	20.376	298.985	14495.907	15900.266	9.405	10812.182
68.985	1.005	14.788						
11/14/2016 2:15:00 PM	404100.000	131.156	20.365	298.946	14485.810	15892.766	9.400	10807.081
69.033	1.005	14.793						
11/14/2016 2:30:00 PM	405000.000	131.138	20.368	298.904	14491.827	15898.466	9.404	10810.958
69.004	1.005	14.790						
11/14/2016 2:45:00 PM	405900.000	131.114	20.375	298.850	14488.152	15892.168	9.400	10806.675
69.022	1.005	14.795						
11/14/2016 3:00:00 PM	406800.000	131.106	20.372	298.830	14491.181	15896.476	9.403	10809.604
69.007	1.005	14.794						
11/14/2016 3:15:00 PM	407700.000	131.084	20.361	298.781	14481.108	15889.030	9.398	10804.542
69.055	1.005	14.796						
11/14/2016 3:30:00 PM	408600.000	131.069	20.365	298.746	14485.319	15892.258	9.400	10806.736
69.035	1.005	14.795						
11/14/2016 3:45:00 PM	409500.000	131.050	20.372	298.704	14481.776	15886.159	9.396	10802.589
69.052	1.005	14.797						
11/14/2016 4:00:00 PM	410400.000	131.027	20.365	298.650	14475.962	15881.962	9.394	10799.735
69.080	1.005	14.794						
11/14/2016 4:15:00 PM	411300.000	131.012	20.373	298.617	14479.807	15883.476	9.395	10800.764
69.062	1.005	14.799						
11/14/2016 4:30:00 PM	412200.000	130.989	20.370	298.565	14475.017	15879.150	9.392	10797.823
69.085	1.005	14.801						
11/14/2016 4:45:00 PM	413100.000	130.970	20.366	298.520	14474.048	15879.454	9.392	10798.030
69.089	1.005	14.800						
11/14/2016 5:00:00 PM	414000.000	130.983	20.369	298.551	14472.211	15876.448	9.390	10795.986
69.098	1.005	14.796						
11/14/2016 5:15:00 PM	414900.000	130.930	20.376	298.429	14474.816	15876.986	9.390	10796.352
69.086	1.005	14.799						
11/14/2016 5:30:00 PM	415800.000	130.923	20.371	298.414	14474.418	15878.263	9.391	10797.220
69.087	1.005	14.796						
11/14/2016 5:45:00 PM	416700.000	130.905	20.365	298.374	14468.742	15874.011	9.388	10794.328
69.115	1.005	14.795						
11/14/2016 6:00:00 PM	417600.000	130.875	20.365	298.305	14468.730	15873.908	9.388	10794.258
69.115	1.005	14.800						
11/14/2016 6:15:00 PM	418500.000	130.869	20.369	298.292	14468.035	15871.783	9.387	10792.813
69.118	1.005	14.806						
11/14/2016 6:30:00 PM	419400.000	130.860	20.365	298.271	14466.650	15871.804	9.387	10792.826
69.125	1.005	14.802						
11/14/2016 6:45:00 PM	420300.000	130.841	20.367	298.227	14467.310	15871.740	9.387	10792.784
69.121	1.005	14.805						
11/14/2016 7:00:00 PM	421200.000	130.842	20.369	298.230	14467.264	15871.201	9.387	10792.418
69.122	1.005	14.797						
11/14/2016 7:15:00 PM	422100.000	130.862	20.364	298.276	14466.831	15872.348	9.387	10793.196
69.124	1.005	14.798						
11/14/2016 7:30:00 PM	423000.000	130.817	20.366	298.173	14462.881	15867.202	9.384	10789.697
69.143	1.005	14.803						
11/14/2016 7:45:00 PM	423900.000	130.813	20.371	298.163	14464.948	15867.847	9.385	10790.137
69.133	1.005	14.802						
11/14/2016 8:00:00 PM	424800.000	130.819	20.372	298.176	14465.575	15868.153	9.385	10790.345
69.130	1.005	14.800						
11/14/2016 8:15:00 PM	425700.000	130.824	20.372	298.188	14459.834	15862.003	9.381	10786.162
69.157	1.005	14.797						
11/14/2016 8:30:00 PM	426600.000	130.812	20.370	298.160	14458.074	15860.739	9.380	10785.303
69.166	1.005	14.797						
11/14/2016 8:45:00 PM	427500.000	130.816	20.369	298.171	14456.422	15859.162	9.379	10784.231

69.173	1.005	14.802						
11/14/2016 9:00:00 PM	428400.000	130.823	20.378	298.187	14466.318	15867.201	9.384	10789.697
69.126	1.005	14.798						
11/14/2016 9:15:00 PM	429300.000	130.820	20.371	298.180	14459.139	15861.646	9.381	10785.919
69.160	1.005	14.806						
11/14/2016 9:30:00 PM	430200.000	130.867	20.368	298.285	14457.230	15860.539	9.380	10785.168
69.170	1.005	14.800						
11/14/2016 9:45:00 PM	431100.000	130.835	20.365	298.214	14463.538	15868.417	9.385	10790.523
69.139	1.005	14.798						
11/14/2016 10:00:00 PM	432000.000	130.829	20.365	298.201	14463.900	15868.671	9.385	10790.697
69.138	1.005	14.803						
11/14/2016 10:15:00 PM	432900.000	130.845	20.367	298.236	14465.229	15869.633	9.386	10791.352
69.131	1.005	14.801						
11/14/2016 10:30:00 PM	433800.000	130.856	20.370	298.260	14466.528	15869.896	9.386	10791.529
69.125	1.005	14.799						
11/14/2016 10:45:00 PM	434700.000	130.862	20.373	298.274	14470.258	15873.174	9.388	10793.760
69.107	1.005	14.800						
11/14/2016 11:00:00 PM	435600.000	130.873	20.371	298.301	14467.540	15870.804	9.386	10792.146
69.120	1.005	14.795						
11/14/2016 11:15:00 PM	436500.000	130.899	20.369	298.360	14469.371	15873.422	9.388	10793.927
69.112	1.005	14.802						
11/14/2016 11:30:00 PM	437400.000	130.876	20.377	298.306	14475.361	15877.468	9.391	10796.679
69.083	1.005	14.805						
11/14/2016 11:45:00 PM	438300.000	130.883	20.373	298.323	14473.281	15876.376	9.390	10795.936
69.093	1.005	14.799						
11/15/2016 12:00:00 AM	439200.000	130.888	20.368	298.334	14469.193	15873.576	9.388	10794.033
69.112	1.005	14.801						
11/15/2016 12:15:00 AM	440100.000	130.902	20.371	298.366	14480.386	15884.981	9.396	10801.787
69.059	1.005	14.800						
11/15/2016 12:30:00 AM	441000.000	130.898	20.366	298.358	14482.441	15888.776	9.398	10804.369
69.049	1.005	14.801						
11/15/2016 12:45:00 AM	441900.000	130.920	20.369	298.407	14484.140	15889.478	9.398	10804.845
69.041	1.005	14.799						
11/15/2016 1:00:00 AM	442800.000	130.919	20.369	298.404	14487.870	15893.627	9.401	10807.667
69.023	1.005	14.797						
11/15/2016 1:15:00 AM	443700.000	130.926	20.373	298.421	14489.933	15894.729	9.402	10808.415
69.013	1.005	14.802						
11/15/2016 1:30:00 AM	444600.000	130.920	20.370	298.407	14488.189	15893.572	9.401	10807.630
69.022	1.005	14.806						
11/15/2016 1:45:00 AM	445500.000	130.963	20.372	298.506	14488.584	15893.394	9.401	10807.509
69.020	1.005	14.802						
11/15/2016 2:00:00 AM	446400.000	130.928	20.369	298.426	14495.073	15901.646	9.406	10813.120
68.989	1.005	14.804						
11/15/2016 2:15:00 AM	447300.000	130.939	20.369	298.450	14494.604	15901.130	9.406	10812.769
68.991	1.005	14.796						
11/15/2016 2:30:00 AM	448200.000	130.928	20.372	298.426	14496.547	15902.128	9.407	10813.448
68.982	1.005	14.801						
11/15/2016 2:45:00 AM	449100.000	130.924	20.368	298.416	14496.124	15903.237	9.407	10814.201
68.984	1.005	14.807						
11/15/2016 3:00:00 AM	450000.000	130.934	20.372	298.439	14495.750	15901.401	9.406	10812.954
68.986	1.005	14.804						
11/15/2016 3:15:00 AM	450900.000	130.934	20.369	298.438	14496.995	15903.845	9.408	10814.614
68.980	1.005	14.802						
11/15/2016 3:30:00 AM	451800.000	130.923	20.372	298.414	14495.606	15901.272	9.406	10812.866
68.986	1.005	14.807						
11/15/2016 3:45:00 AM	452700.000	130.937	20.379	298.445	14493.581	15896.783	9.403	10809.813
68.996	1.005	14.795						
11/15/2016 4:00:00 AM	453600.000	130.933	20.369	298.438	14497.671	15904.468	9.408	10815.039
68.977	1.005	14.797						
11/15/2016 4:15:00 AM	454500.000	130.938	20.366	298.447	14499.320	15907.121	9.410	10816.843
68.969	1.005	14.799						
11/15/2016 4:30:00 AM	455400.000	130.927	20.368	298.423	14499.585	15906.859	9.410	10816.665
68.967	1.005	14.798						
11/15/2016 4:45:00 AM	456300.000	130.929	20.369	298.427	14498.699	15905.542	9.409	10815.770
68.972	1.005	14.799						
11/15/2016 5:00:00 AM	457200.000	130.922	20.366	298.413	14495.494	15902.951	9.407	10814.008
68.987	1.005	14.801						
11/15/2016 5:15:00 AM	458100.000	130.937	20.364	298.447	14498.823	15907.420	9.410	10817.046
68.971	1.005	14.795						
11/15/2016 5:30:00 AM	459000.000	130.940	20.368	298.454	14504.939	15912.734	9.413	10820.659
68.942	1.005	14.799						
11/15/2016 5:45:00 AM	459900.000	130.945	20.364	298.463	14503.983	15912.937	9.413	10820.797
68.947	1.005	14.801						
11/15/2016 6:00:00 AM	460800.000	130.942	20.372	298.458	14502.643	15908.876	9.411	10818.037
68.953	1.005	14.795						
11/15/2016 6:15:00 AM	461700.000	130.951	20.367	298.477	14502.043	15909.963	9.412	10818.775
68.956	1.005	14.800						
11/15/2016 6:30:00 AM	462600.000	130.944	20.375	298.461	14504.790	15910.418	9.412	10819.084
68.943	1.005	14.800						
11/15/2016 6:45:00 AM	463500.000	130.957	20.362	298.492	14500.495	15910.040	9.412	10818.827
68.963	1.005	14.800						
11/15/2016 7:00:00 AM	464400.000	130.967	20.364	298.515	14496.489	15904.773	9.408	10815.246
68.982	1.005	14.798						
11/15/2016 7:15:00 AM	465300.000	130.974	20.369	298.529	14502.889	15910.164	9.412	10818.912
68.952	1.005	14.795						
11/15/2016 7:30:00 AM	466200.000	130.987	20.364	298.560	14496.788	15905.215	9.408	10815.546
68.981	1.005	14.798						
11/15/2016 7:45:00 AM	467100.000	131.000	20.373	298.589	14499.462	15905.063	9.408	10815.444
68.968	1.005	14.793						
11/15/2016 8:00:00 AM	468000.000	131.004	20.367	298.598	14504.137	15912.290	9.413	10820.358
68.946	1.005	14.792						
11/15/2016 8:15:00 AM	468900.000	131.014	20.372	298.622	14499.640	15905.641	9.409	10815.837
68.967	1.005	14.796						
11/15/2016 8:30:00 AM	469800.000	131.016	20.371	298.625	14507.266	15914.269	9.414	10821.704
68.931	1.005	14.789						
11/15/2016 8:45:00 AM	470700.000	131.027	20.377	298.650	14503.362	15908.008	9.410	10817.445
68.950	1.005	14.801						
11/15/2016 9:00:00 AM	471600.000	131.050	20.375	298.703	14507.907	15913.721	9.414	10821.331
68.928	1.005	14.797						
11/15/2016 9:15:00 AM	472500.000	131.061	20.371	298.729	14503.822	15910.546	9.412	10819.171
68.947	1.005	14.800						
11/15/2016 9:30:00 AM	473400.000	131.063	20.374	298.732	14500.888	15906.193	9.409	10816.213
68.961	1.005	14.798						
11/15/2016 9:45:00 AM	474300.000	131.088	20.370	298.790	14502.106	15909.071	9.411	10818.170
68.955	1.005	14.799						
11/15/2016 10:00:00 AM	475200.000	131.080	20.369	298.772	14501.581	15908.849	9.411	10818.018
68.958	1.005	14.802						
11/15/2016 10:15:00 AM	476100.000	131.098	20.367	298.812	14500.652	15908.468	9.411	10817.759
68.962	1.005	14.801						
11/15/2016 10:30:00 AM	477000.000	131.106	20.371	298.830	14504.303	15911.133	9.412	10819.570
68.945	1.005	14.797						
11/15/2016 10:45:00 AM	477900.000	131.111	20.371	298.843	14502.096	15908.479	9.411	10817.768
68.956	1.005	14.802						
11/15/2016 11:00:00 AM	478800.000	131.127	20.363	298.879	14497.596	15906.308	9.409	10816.290
68.977	1.005	14.796						
11/15/2016 11:15:00 AM	479700.000	131.140	20.378	298.909	14503.336	15907.511	9.410	10817.108
68.950	1.005	14.793						
11/15/2016 11:30:00 AM	480600.000	131.141	20.377	298.912	14502.069	15906.500	9.409	10816.421
68.956	1.005	14.790						
11/15/2016 11:45:00 AM	481500.000	131.146	20.373	298.921	14495.277	15900.591	9.406	10812.402
68.988	1.005	14.787						
11/15/2016 12:00:00 PM	482400.000	131.146	20.374	298.922	14498.223	15903.388	9.407	10814.305
68.974	1.005	14.787						
11/15/2016 12:15:00 PM	483300.000	131.169	20.371	298.974	14497.126	15903.173	9.407	10814.157
68.979	1.005	14.782						
11/15/2016 12:30:00 PM	484200.000	131.143	20.370	298.916	14499.649	15906.292	9.409	10816.278
68.967	1.005	14.778						
11/15/2016 12:45:00 PM	485100.000	131.138	20.371	298.904	14499.780	15906.112	9.409	10816.156
68.967	1.005	14.775						
11/15/2016 1:00:00 PM	486000.000	131.132	20.370	298.890	14498.110	15904.746	9.408	10815.229
68.975	1.005	14.773						
11/15/2016 1:15:00 PM	486900.000	131.136	20.367	298.899	14498.139	15905.680	9.409	10815.862
68.974	1.005	14.768						

11/15/2016 1:30:00 PM	487800.000	131.122	20.369	298.867	14502.999	15910.195	9.412	10818.934
68.951	1.005	14.766						
11/15/2016 1:45:00 PM	488700.000	131.108	20.366	298.836	14491.097	15898.389	9.404	10810.904
69.008	1.005	14.768						
11/15/2016 2:00:00 PM	489600.000	131.101	20.370	298.819	14497.923	15904.310	9.408	10814.931
68.975	1.005	14.771						
11/15/2016 2:15:00 PM	490500.000	131.103	20.369	298.825	14496.069	15902.565	9.407	10813.744
68.984	1.005	14.762						
11/15/2016 2:30:00 PM	491400.000	131.078	20.374	298.767	14497.323	15902.283	9.407	10813.553
68.978	1.005	14.764						
11/15/2016 2:45:00 PM	492300.000	131.096	20.380	298.808	14497.147	15900.230	9.405	10812.157
68.979	1.005	14.764						
11/15/2016 3:00:00 PM	493200.000	131.049	20.369	298.702	14490.842	15896.922	9.403	10809.908
69.009	1.005	14.766						
11/15/2016 3:15:00 PM	494100.000	131.027	20.376	298.651	14494.772	15898.817	9.404	10811.196
68.990	1.005	14.759						
11/15/2016 3:30:00 PM	495000.000	131.021	20.368	298.638	14490.459	15896.965	9.403	10809.938
69.011	1.005	14.762						
11/15/2016 3:45:00 PM	495900.000	130.995	20.365	298.578	14488.152	15895.187	9.402	10808.728
69.022	1.005	14.763						
11/15/2016 4:00:00 PM	496800.000	130.985	20.374	298.556	14492.599	15897.362	9.404	10810.206
69.001	1.005	14.765						
11/15/2016 4:15:00 PM	497700.000	130.969	20.369	298.518	14490.290	15896.226	9.403	10809.434
69.012	1.005	14.767						
11/15/2016 4:30:00 PM	498600.000	130.951	20.369	298.478	14483.072	15888.479	9.398	10804.167
69.046	1.005	14.767						
11/15/2016 4:45:00 PM	499500.000	130.931	20.364	298.431	14485.479	15892.607	9.400	10806.975
69.035	1.005	14.765						
11/15/2016 5:00:00 PM	500400.000	130.909	20.371	298.382	14482.058	15886.587	9.397	10802.879
69.051	1.005	14.760						
11/15/2016 5:15:00 PM	501300.000	130.874	20.370	298.301	14482.846	15887.858	9.397	10803.744
69.047	1.005	14.769						
11/15/2016 5:30:00 PM	502200.000	130.858	20.369	298.266	14482.609	15887.944	9.397	10803.804
69.048	1.005	14.768						
11/15/2016 5:45:00 PM	503100.000	130.852	20.361	298.252	14477.932	15885.545	9.396	10802.172
69.071	1.005	14.766						
11/15/2016 6:00:00 PM	504000.000	130.835	20.364	298.213	14480.227	15887.133	9.397	10803.250
69.060	1.005	14.764						
11/15/2016 6:15:00 PM	504900.000	130.815	20.365	298.169	14475.323	15881.434	9.393	10799.376
69.083	1.005	14.769						
11/15/2016 6:30:00 PM	505800.000	130.808	20.366	298.152	14475.079	15880.644	9.393	10798.839
69.084	1.005	14.764						
11/15/2016 6:45:00 PM	506700.000	130.787	20.374	298.103	14474.874	15877.834	9.391	10796.928
69.085	1.005	14.772						
11/15/2016 7:00:00 PM	507600.000	130.780	20.367	298.088	14473.456	15878.601	9.391	10797.449
69.092	1.005	14.767						
11/15/2016 7:15:00 PM	508500.000	130.752	20.367	298.023	14472.639	15877.559	9.391	10796.740
69.096	1.005	14.771						
11/15/2016 7:30:00 PM	509400.000	130.751	20.369	298.022	14471.531	15875.938	9.390	10795.639
69.101	1.005	14.771						
11/15/2016 7:45:00 PM	510300.000	130.749	20.363	298.017	14467.984	15873.787	9.388	10794.176
69.118	1.005	14.768						
11/15/2016 8:00:00 PM	511200.000	130.736	20.365	297.988	14470.867	15876.342	9.390	10795.913
69.104	1.005	14.766						
11/15/2016 8:15:00 PM	512100.000	130.719	20.367	297.948	14470.241	15874.984	9.389	10794.989
69.107	1.005	14.775						
11/15/2016 8:30:00 PM	513000.000	130.721	20.371	297.953	14472.564	15876.374	9.390	10795.935
69.096	1.005	14.774						
11/15/2016 8:45:00 PM	513900.000	130.719	20.366	297.948	14470.510	15875.658	9.390	10795.447
69.106	1.005	14.779						
11/15/2016 9:00:00 PM	514800.000	130.717	20.368	297.945	14467.999	15872.181	9.387	10793.083
69.118	1.005	14.770						
11/15/2016 9:15:00 PM	515700.000	130.703	20.364	297.913	14468.450	15874.154	9.389	10794.425
69.116	1.005	14.782						
11/15/2016 9:30:00 PM	516600.000	130.720	20.371	297.952	14469.123	15872.337	9.387	10793.190
69.113	1.005	14.775						
11/15/2016 9:45:00 PM	517500.000	130.729	20.369	297.972	14476.781	15881.378	9.393	10799.337
69.076	1.005	14.781						
11/15/2016 10:00:00 PM	518400.000	130.717	20.366	297.943	14474.855	15880.309	9.393	10798.610
69.085	1.005	14.780						
11/15/2016 10:15:00 PM	519300.000	130.732	20.374	297.978	14478.793	15881.929	9.394	10799.712
69.067	1.005	14.783						
11/15/2016 10:30:00 PM	520200.000	130.740	20.370	297.996	14474.182	15878.496	9.391	10797.379
69.089	1.005	14.782						
11/15/2016 10:45:00 PM	521100.000	130.742	20.367	298.001	14476.823	15882.149	9.394	10799.862
69.076	1.005	14.786						
11/15/2016 11:00:00 PM	522000.000	130.756	20.368	298.032	14482.093	15887.553	9.397	10803.536
69.051	1.005	14.780						
11/15/2016 11:15:00 PM	522900.000	130.748	20.365	298.016	14482.167	15888.620	9.398	10804.262
69.050	1.005	14.788						
11/15/2016 11:30:00 PM	523800.000	130.762	20.371	298.046	14484.092	15888.788	9.398	10804.377
69.041	1.005	14.778						
11/15/2016 11:45:00 PM	524700.000	130.769	20.375	298.064	14489.314	15893.296	9.401	10807.441
69.016	1.005	14.783						
11/16/2016 12:00:00 AM	525600.000	130.783	20.377	298.094	14492.728	15896.371	9.403	10809.533
69.000	1.005	14.777						
11/16/2016 12:15:00 AM	526500.000	130.788	20.373	298.106	14492.419	15897.396	9.404	10810.230
69.002	1.005	14.780						
11/16/2016 12:30:00 AM	527400.000	130.803	20.371	298.140	14495.438	15901.493	9.406	10813.016
68.987	1.005	14.778						
11/16/2016 12:45:00 AM	528300.000	130.803	20.365	298.141	14502.241	15910.702	9.412	10819.277
68.955	1.005	14.780						
11/16/2016 1:00:00 AM	529200.000	130.815	20.373	298.168	14499.274	15904.976	9.408	10815.384
68.969	1.005	14.780						
11/16/2016 1:15:00 AM	530100.000	130.815	20.375	298.168	14502.442	15907.668	9.410	10817.214
68.954	1.005	14.779						
11/16/2016 1:30:00 AM	531000.000	130.834	20.371	298.211	14504.329	15911.047	9.412	10819.513
68.945	1.005	14.775						
11/16/2016 1:45:00 AM	531900.000	130.828	20.373	298.198	14505.850	15912.160	9.413	10820.269
68.938	1.005	14.772						
11/16/2016 2:00:00 AM	532800.000	130.841	20.371	298.228	14505.938	15912.896	9.413	10820.771
68.937	1.005	14.779						
11/16/2016 2:15:00 AM	533700.000	130.838	20.375	298.221	14511.661	15917.748	9.417	10824.069
68.910	1.005	14.779						
11/16/2016 2:30:00 AM	534600.000	130.846	20.369	298.239	14504.775	15912.408	9.413	10820.438
68.943	1.005	14.777						
11/16/2016 2:45:00 AM	535500.000	130.854	20.377	298.256	14510.581	15915.981	9.415	10822.867
68.915	1.005	14.774						
11/16/2016 3:00:00 AM	536400.000	130.868	20.370	298.288	14508.167	15915.488	9.415	10822.532
68.927	1.005	14.771						
11/16/2016 3:15:00 AM	537300.000	130.868	20.377	298.287	14518.837	15925.036	9.421	10829.025
68.876	1.005	14.775						
11/16/2016 3:30:00 AM	538200.000	130.868	20.370	298.288	14518.251	15926.698	9.422	10830.155
68.879	1.005	14.777						
11/16/2016 3:45:00 AM	539100.000	130.869	20.369	298.292	14516.557	15925.246	9.421	10829.167
68.887	1.005	14.772						
11/16/2016 4:00:00 AM	540000.000	130.873	20.369	298.299	14516.566	15925.197	9.421	10829.134
68.887	1.005	14.774						
11/16/2016 4:15:00 AM	540900.000	130.870	20.373	298.293	14519.380	15927.059	9.423	10830.400
68.873	1.005	14.769						
11/16/2016 4:30:00 AM	541800.000	130.864	20.369	298.278	14516.779	15925.257	9.421	10829.175
68.886	1.005	14.776						
11/16/2016 4:45:00 AM	542700.000	130.863	20.366	298.277	14520.283	15930.265	9.425	10832.580
68.869	1.005	14.777						
11/16/2016 5:00:00 AM	543600.000	130.869	20.371	298.291	14521.615	15930.154	9.425	10832.505
68.863	1.005	14.774						
11/16/2016 5:15:00 AM	544500.000	130.877	20.367	298.308	14522.145	15931.927	9.426	10833.711
68.860	1.005	14.768						
11/16/2016 5:30:00 AM	545400.000	130.880	20.377	298.315	14522.412	15929.075	9.424	10831.771
68.859	1.005	14.774						
11/16/2016 5:45:00 AM	546300.000	130.877	20.372	298.310	14519.067	15927.066	9.423	10830.406
68.875	1.005	14.770						
11/16/2016 6:00:00 AM	547200.000	130.894	20.366	298.348	14516.196	15925.694	9.422	10829.474

68.889	1.005	14.765						
11/16/2016 6:15:00 AM	548100.000	130.891	20.369	298.341	14518.969	15927.859	9.423	10830.945
68.875	1.005	14.767						
11/16/2016 6:30:00 AM	549000.000	130.884	20.370	298.325	14523.234	15932.249	9.426	10833.930
68.855	1.005	14.779						
11/16/2016 6:45:00 AM	549900.000	130.878	20.372	298.311	14520.723	15928.648	9.424	10831.482
68.867	1.005	14.778						
11/16/2016 7:00:00 AM	550800.000	130.898	20.380	298.357	14522.747	15928.453	9.423	10831.350
68.857	1.005	14.771						
11/16/2016 7:15:00 AM	551700.000	130.899	20.370	298.358	14517.415	15925.837	9.422	10829.569
68.883	1.005	14.778						
11/16/2016 7:30:00 AM	552600.000	130.896	20.371	298.354	14520.742	15929.023	9.424	10831.736
68.867	1.005	14.784						
11/16/2016 7:45:00 AM	553500.000	130.916	20.375	298.398	14521.146	15928.126	9.423	10831.126
68.865	1.005	14.782						
11/16/2016 8:00:00 AM	554400.000	130.920	20.374	298.406	14518.674	15925.966	9.422	10829.657
68.877	1.005	14.786						
11/16/2016 8:15:00 AM	555300.000	130.927	20.365	298.423	14515.840	15925.827	9.422	10829.563
68.890	1.005	14.790						
11/16/2016 8:30:00 AM	556200.000	130.935	20.367	298.441	14516.735	15926.198	9.422	10829.814
68.886	1.005	14.788						
11/16/2016 8:45:00 AM	557100.000	130.938	20.368	298.448	14520.854	15930.104	9.424	10832.471
68.866	1.005	14.787						
11/16/2016 9:00:00 AM	558000.000	130.959	20.369	298.496	14522.953	15932.149	9.426	10833.862
68.857	1.005	14.786						
11/16/2016 9:15:00 AM	558900.000	130.971	20.369	298.524	14515.794	15924.295	9.421	10828.521
68.890	1.005	14.781						
11/16/2016 9:30:00 AM	559800.000	130.983	20.367	298.550	14522.705	15932.661	9.426	10834.210
68.858	1.005	14.790						
11/16/2016 9:45:00 AM	560700.000	130.979	20.372	298.541	14523.707	15931.922	9.426	10833.708
68.853	1.005	14.786						
11/16/2016 10:00:00 AM	561600.000	130.997	20.368	298.583	14520.143	15929.356	9.424	10831.964
68.870	1.005	14.789						
11/16/2016 10:15:00 AM	562500.000	131.022	20.365	298.640	14519.136	15929.299	9.424	10831.924
68.875	1.005	14.784						
11/16/2016 10:30:00 AM	563400.000	131.023	20.370	298.642	14522.440	15931.437	9.425	10833.378
68.859	1.005	14.785						
11/16/2016 10:45:00 AM	564300.000	131.029	20.367	298.654	14522.030	15931.745	9.426	10833.588
68.861	1.005	14.783						
11/16/2016 11:00:00 AM	565200.000	131.047	20.368	298.696	14517.271	15926.207	9.422	10829.821
68.883	1.005	14.780						
11/16/2016 11:15:00 AM	566100.000	131.046	20.373	298.695	14516.350	15923.706	9.420	10828.120
68.888	1.005	14.788						
11/16/2016 11:30:00 AM	567000.000	131.057	20.364	298.720	14518.989	15929.604	9.424	10832.132
68.875	1.005	14.781						
11/16/2016 11:45:00 AM	567900.000	131.060	20.373	298.727	14518.150	15925.622	9.422	10829.423
68.879	1.005	14.777						
11/16/2016 12:00:00 PM	568800.000	131.073	20.368	298.756	14513.570	15922.202	9.419	10827.098
68.901	1.005	14.775						
11/16/2016 12:15:00 PM	569700.000	131.086	20.373	298.785	14512.436	15919.239	9.418	10825.084
68.906	1.005	14.766						
11/16/2016 12:30:00 PM	570600.000	131.067	20.374	298.743	14519.364	15926.667	9.422	10830.135
68.874	1.005	14.773						
11/16/2016 12:45:00 PM	571500.000	131.076	20.370	298.763	14513.142	15921.093	9.419	10826.344
68.903	1.005	14.769						
11/16/2016 1:00:00 PM	572400.000	131.083	20.368	298.778	14513.585	15922.363	9.419	10827.208
68.901	1.005	14.764						
11/16/2016 1:15:00 PM	573300.000	131.086	20.377	298.785	14509.949	15915.261	9.415	10822.377
68.918	1.005	14.766						
11/16/2016 1:30:00 PM	574200.000	131.087	20.368	298.787	14512.169	15920.810	9.418	10826.151
68.908	1.005	14.755						
11/16/2016 1:45:00 PM	575100.000	131.079	20.371	298.770	14510.495	15918.012	9.417	10824.248
68.916	1.005	14.756						
11/16/2016 2:00:00 PM	576000.000	131.063	20.372	298.733	14512.657	15919.948	9.418	10825.565
68.905	1.005	14.755						
11/16/2016 2:15:00 PM	576900.000	131.049	20.374	298.702	14511.950	15918.474	9.417	10824.563
68.909	1.005	14.758						
11/16/2016 2:30:00 PM	577800.000	131.058	20.372	298.722	14509.924	15916.894	9.416	10823.488
68.918	1.005	14.754						
11/16/2016 2:45:00 PM	578700.000	131.041	20.373	298.684	14514.780	15922.013	9.419	10826.969
68.895	1.005	14.752						
11/16/2016 3:00:00 PM	579600.000	131.037	20.370	298.674	14508.367	15915.998	9.415	10822.880
68.926	1.005	14.754						
11/16/2016 3:15:00 PM	580500.000	131.025	20.366	298.646	14506.625	15915.397	9.415	10822.472
68.934	1.005	14.756						
11/16/2016 3:30:00 PM	581400.000	131.017	20.364	298.629	14509.441	15918.955	9.417	10824.891
68.921	1.005	14.755						
11/16/2016 3:45:00 PM	582300.000	130.998	20.362	298.585	14508.250	15918.549	9.417	10824.613
68.926	1.005	14.755						
11/16/2016 4:00:00 PM	583200.000	130.978	20.366	298.540	14506.844	15915.608	9.415	10822.614
68.933	1.005	14.755						
11/16/2016 4:15:00 PM	584100.000	130.967	20.365	298.515	14500.275	15908.779	9.411	10817.971
68.964	1.005	14.756						
11/16/2016 4:30:00 PM	585000.000	130.935	20.368	298.441	14508.808	15916.922	9.416	10823.507
68.924	1.005	14.756						
11/16/2016 4:45:00 PM	585900.000	130.932	20.368	298.434	14499.847	15907.321	9.410	10816.979
68.966	1.005	14.756						
11/16/2016 5:00:00 PM	586800.000	130.950	20.361	298.476	14498.542	15908.017	9.410	10817.451
68.972	1.005	14.754						
11/16/2016 5:15:00 PM	587700.000	130.897	20.367	298.354	14497.923	15905.354	9.409	10815.642
68.975	1.005	14.757						
11/16/2016 5:30:00 PM	588600.000	130.886	20.358	298.329	14493.048	15903.031	9.407	10814.063
68.999	1.005	14.761						
11/16/2016 5:45:00 PM	589500.000	130.871	20.367	298.294	14499.501	15907.146	9.410	10816.860
68.968	1.005	14.761						
11/16/2016 6:00:00 PM	590400.000	130.840	20.359	298.224	14493.038	15902.558	9.407	10813.740
68.999	1.005	14.769						
11/16/2016 6:15:00 PM	591300.000	130.835	20.360	298.213	14496.780	15906.458	9.409	10816.392
68.981	1.005	14.765						
11/16/2016 6:30:00 PM	592200.000	130.805	20.360	298.146	14490.656	15899.827	9.405	10811.883
69.010	1.005	14.767						
11/16/2016 6:45:00 PM	593100.000	130.825	20.365	298.190	14494.088	15901.935	9.406	10813.316
68.994	1.005	14.767						
11/16/2016 7:00:00 PM	594000.000	130.782	20.356	298.093	14494.220	15905.045	9.408	10815.432
68.993	1.005	14.768						
11/16/2016 7:15:00 PM	594900.000	130.774	20.358	298.073	14488.725	15898.462	9.404	10810.955
69.019	1.005	14.763						
11/16/2016 7:30:00 PM	595800.000	130.758	20.357	298.038	14487.795	15897.704	9.404	10810.439
69.024	1.005	14.771						
11/16/2016 7:45:00 PM	596700.000	130.751	20.369	298.021	14490.749	15896.874	9.403	10809.875
69.010	1.005	14.772						
11/16/2016 8:00:00 PM	597600.000	130.728	20.373	297.968	14492.767	15897.663	9.404	10810.411
69.000	1.005	14.772						
11/16/2016 8:15:00 PM	598500.000	130.738	20.366	297.992	14484.514	15891.166	9.399	10805.994
69.039	1.005	14.765						
11/16/2016 8:30:00 PM	599400.000	130.722	20.364	297.955	14484.843	15892.023	9.400	10806.577
69.038	1.005	14.773						
11/16/2016 8:45:00 PM	600300.000	130.721	20.366	297.953	14483.670	15890.154	9.399	10805.306
69.043	1.005	14.769						
11/16/2016 9:00:00 PM	601200.000	130.717	20.369	297.944	14483.492	15888.768	9.398	10804.363
69.044	1.005	14.773						
11/16/2016 9:15:00 PM	602100.000	130.723	20.367	297.958	14483.126	15889.037	9.398	10804.545
69.046	1.005	14.774						
11/16/2016 9:30:00 PM	603000.000	130.698	20.376	297.900	14485.056	15888.362	9.398	10804.088
69.037	1.005	14.776						
11/16/2016 9:45:00 PM	603900.000	130.727	20.366	297.968	14477.905	15883.771	9.395	10800.965
69.071	1.005	14.773						
11/16/2016 10:00:00 PM	604800.000	130.717	20.364	297.944	14483.677	15890.744	9.399	10805.707
69.043	1.005	14.778						
11/16/2016 10:15:00 PM	605700.000	130.715	20.369	297.939	14485.159	15890.625	9.399	10805.626
69.036	1.005	14.778						
11/16/2016 10:30:00 PM	606600.000	130.755	20.372	298.030	14489.830	15894.936	9.402	10808.558
69.014	1.005	14.775						

11/16/2016 10:45:00 PM	607500.000	130.732	20.375	297.979	14489.651	15893.695	9.401	10807.714
69.015	1.005	14.774						
11/16/2016 11:00:00 PM	608400.000	130.733	20.375	297.981	14489.596	15893.604	9.401	10807.651
69.015	1.005	14.772						
11/16/2016 11:15:00 PM	609300.000	130.747	20.367	298.014	14491.161	15898.083	9.404	10810.696
69.008	1.005	14.773						
11/16/2016 11:30:00 PM	610200.000	130.758	20.369	298.038	14491.753	15897.922	9.404	10810.588
69.005	1.005	14.773						
11/16/2016 11:45:00 PM	611100.000	130.769	20.376	298.062	14498.159	15902.705	9.407	10813.840
68.974	1.005	14.774						

Report Date: 11/18/2016 8:37:39 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8M_2016-11-17_15-04-44-231.wsl
Create Date: 11/17/2016 3:03:58 PM

Device Properties:
Device: Aqua TROLL 200
Site: MPWSP MW-8
Device Name:
Serial Number: 410756
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 11

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

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

Other Log Settings
Depth of Probe: 0.465086 (ft)
Head Pressure: 0.206467 (PSI)
Temperature: 17.6017 (C)

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/27/2016 4:37:25 PM	Sensor SN: 410756 Factory calibration has expired.: 6/10/2016 6:27:04 PM
10/27/2016 4:37:25 PM	Used Battery: 11% Used Memory: 3% User Name: SKuiper
10/27/2016 5:45:09 PM	Log Download - Used Battery: 11% Used Memory: 3% User Name: SKuiper Interval - Start Time: 10/27/2016 5:00:00 PM Stop Time: 10/27/2016 6:30:00 PM
11/3/2016 3:41:58 PM	Log Download - Used Battery: 12% Used Memory: 3% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:30:00 PM
11/11/2016 8:26:15 AM	Log Download - Used Battery: 12% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:15:00 AM
11/17/2016 3:03:29 PM	Log Download - Used Battery: 13% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 3:00:00 PM

Log Data:
Record Count: 740
Sensors: 1
1 - 410756: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(G) 231ft SN#: 410756 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)
11/10/2016 12:00:00 AM	7200.000	70.525	17.397	158.865	40879.250	47824.344	31.342	32.521	24.462	1.023
11/10/2016 12:15:00 AM	8100.000	70.506	17.399	158.822	40886.195	47829.945	31.346	32.524	24.458	1.023
11/10/2016 12:30:00 AM	9000.000	70.503	17.390	158.816	40873.199	47824.348	31.341	32.521	24.466	1.023
11/10/2016 12:45:00 AM	9900.000	70.497	17.396	158.802	40893.844	47842.348	31.355	32.533	24.454	1.023

11/10/2016 1:00:00 AM	10800.000	70.497	17.396	158.801	40920.629
47874.148	31.378	32.554	24.438	1.023	
11/10/2016 1:15:00 AM	11700.000	70.493	17.395	158.793	40860.129
47803.547	31.326	32.506	24.474	1.023	
11/10/2016 1:30:00 AM	12600.000	70.489	17.398	158.784	40899.320
47846.797	31.358	32.536	24.450	1.023	
11/10/2016 1:45:00 AM	13500.000	70.501	17.393	158.811	40881.813
47831.258	31.346	32.525	24.461	1.023	
11/10/2016 2:00:00 AM	14400.000	70.474	17.394	158.749	40899.078
47850.438	31.361	32.538	24.450	1.023	
11/10/2016 2:15:00 AM	15300.000	70.493	17.394	158.793	40909.148
47862.590	31.369	32.547	24.444	1.023	
11/10/2016 2:30:00 AM	16200.000	70.478	17.395	158.758	40845.555
47786.684	31.314	32.495	24.482	1.023	
11/10/2016 2:45:00 AM	17100.000	70.483	17.396	158.769	40921.535
47874.465	31.378	32.555	24.437	1.023	
11/10/2016 3:00:00 AM	18000.000	70.493	17.393	158.793	40868.625
47816.309	31.335	32.515	24.469	1.023	
11/10/2016 3:15:00 AM	18900.000	70.478	17.394	158.759	40861.621
47806.613	31.328	32.508	24.473	1.023	
11/10/2016 3:30:00 AM	19800.000	70.484	17.391	158.772	40885.910
47837.824	31.351	32.530	24.458	1.023	
11/10/2016 3:45:00 AM	20700.000	70.505	17.396	158.819	40900.039
47849.406	31.360	32.538	24.450	1.023	
11/10/2016 4:00:00 AM	21600.000	70.491	17.395	158.788	40884.965
47833.457	31.348	32.527	24.459	1.023	
11/10/2016 4:15:00 AM	22500.000	70.515	17.393	158.841	40903.266
47856.730	31.365	32.543	24.448	1.023	
11/10/2016 4:30:00 AM	23400.000	70.519			

17.392	158.850	40853.168
47799.051	31.323	32.503
24.478	1.023	
11/10/2016 4:45:00 AM	24300.000	70.508
17.395	158.825	40867.305
47812.691	31.333	32.513
24.469	1.023	
11/10/2016 5:00:00 AM	25200.000	70.512
17.396	158.835	40899.563
47849.039	31.360	32.537
24.450	1.023	
11/10/2016 5:15:00 AM	26100.000	70.545
17.396	158.911	40896.844
47845.578	31.357	32.535
24.452	1.023	
11/10/2016 5:30:00 AM	27000.000	70.543
17.394	158.905	40888.457
47838.383	31.352	32.530
24.457	1.023	
11/10/2016 5:45:00 AM	27900.000	70.551
17.399	158.923	40903.719
47851.012	31.361	32.539
24.448	1.023	
11/10/2016 6:00:00 AM	28800.000	70.560
17.394	158.943	40861.277
47806.301	31.328	32.508
24.473	1.023	
11/10/2016 6:15:00 AM	29700.000	70.560
17.389	158.943	40911.594
47870.953	31.375	32.552
24.443	1.023	
11/10/2016 6:30:00 AM	30600.000	70.560
17.396	158.942	40863.594
47806.488	31.329	32.508
24.472	1.023	
11/10/2016 6:45:00 AM	31500.000	70.577
17.398	158.981	40892.551
47838.688	31.352	32.530
24.454	1.023	
11/10/2016 7:00:00 AM	32400.000	70.567
17.398	158.960	40901.633
47849.598	31.360	32.538
24.449	1.023	
11/10/2016 7:15:00 AM	33300.000	70.581
17.394	158.990	40899.609
47850.770	31.361	32.539
24.450	1.023	
11/10/2016 7:30:00 AM	34200.000	70.600
17.391	159.034	40902.172
47857.691	31.366	32.543
24.449	1.023	
11/10/2016 7:45:00 AM	35100.000	70.591
17.394	159.014	40950.457
47910.922	31.405	32.579
24.420	1.023	
11/10/2016 8:00:00 AM	36000.000	70.607
17.391	159.048	40872.492

47822.879	31.340	32.520	24.466	1.023	
11/10/2016 8:15:00 AM	36900.000	70.617	17.394	159.072	40903.539
47855.367	31.364	32.542	24.448	1.023	
11/10/2016 8:30:00 AM	37800.000	70.601	17.392	159.035	40876.508
47826.086	31.343	32.522	24.464	1.023	
11/10/2016 8:45:00 AM	38700.000	70.607	17.395	159.049	40866.961
47811.914	31.332	32.512	24.470	1.023	
11/10/2016 9:00:00 AM	39600.000	70.608	17.395	159.051	40885.578
47833.508	31.348	32.527	24.459	1.023	
11/10/2016 9:15:00 AM	40500.000	70.606	17.399	159.047	40912.266
47860.727	31.368	32.545	24.443	1.023	
11/10/2016 9:30:00 AM	41400.000	70.612	17.389	159.060	40902.980
47860.598	31.368	32.545	24.448	1.023	
11/10/2016 9:45:00 AM	42300.000	70.616	17.391	159.070	40845.809
47790.906	31.317	32.498	24.482	1.023	
11/10/2016 10:00:00 AM	43200.000	70.605	17.398	159.045	40909.355
47858.723	31.367	32.544	24.444	1.023	
11/10/2016 10:15:00 AM	44100.000	70.609	17.390	159.053	40868.117
47818.402	31.337	32.517	24.469	1.023	
11/10/2016 10:30:00 AM	45000.000	70.620	17.397	159.079	40912.879
47863.961	31.371	32.547	24.442	1.023	
11/10/2016 10:45:00 AM	45900.000	70.602	17.392	159.037	40919.375
47876.895	31.380	32.556	24.438	1.023	
11/10/2016 11:00:00 AM	46800.000	70.596	17.393	159.025	40894.793
47846.254	31.357	32.535	24.453	1.023	
11/10/2016 11:15:00 AM	47700.000	70.607	17.395	159.048	40881.469
47828.887	31.345	32.524	24.461	1.023	
11/10/2016 11:30:00 AM	48600.000	70.591	17.392	159.014	40886.348
47837.309	31.351	32.529			

24.458	1.023		
11/10/2016 11:45:00 AM	49500.000	70.584	
17.393	158.997	40897.875	
47850.344	31.360	32.538	
24.451	1.023		
11/10/2016 12:00:00 PM	50400.000	70.579	
17.395	158.987	40903.586	
47855.141	31.364	32.541	
24.448	1.023		
11/10/2016 12:15:00 PM	51300.000	70.563	
17.392	158.950	40918.129	
47875.156	31.378	32.555	
24.439	1.023		
11/10/2016 12:30:00 PM	52200.000	70.554	
17.396	158.930	40881.914	
47827.922	31.344	32.523	
24.461	1.023		
11/10/2016 12:45:00 PM	53100.000	70.559	
17.397	158.940	40930.172	
47883.734	31.385	32.561	
24.432	1.023		
11/10/2016 1:00:00 PM	54000.000	70.546	
17.396	158.911	40929.191	
47883.422	31.385	32.561	
24.432	1.023		
11/10/2016 1:15:00 PM	54900.000	70.534	
17.394	158.886	40883.414	
47832.008	31.347	32.526	
24.460	1.023		
11/10/2016 1:30:00 PM	55800.000	70.555	
17.394	158.932	40884.691	
47833.605	31.348	32.527	
24.459	1.023		
11/10/2016 1:45:00 PM	56700.000	70.534	
17.395	158.884	40909.477	
47861.387	31.369	32.546	
24.444	1.023		
11/10/2016 2:00:00 PM	57600.000	70.532	
17.395	158.880	40917.879	
47871.863	31.376	32.553	
24.439	1.023		
11/10/2016 2:15:00 PM	58500.000	70.545	
17.396	158.911	40883.469	
47830.672	31.346	32.525	
24.460	1.023		
11/10/2016 2:30:00 PM	59400.000	70.527	
17.391	158.869	40878.434	
47829.543	31.345	32.524	
24.463	1.023		
11/10/2016 2:45:00 PM	60300.000	70.514	
17.391	158.840	40904.445	
47860.168	31.367	32.545	
24.447	1.023		
11/10/2016 3:00:00 PM	61200.000	70.508	
17.397	158.827	40877.898	
47822.297	31.340	32.519	
24.463	1.023		

11/10/2016 3:15:00 PM	62100.000	70.515	17.401	158.843
40897.164	47841.090	31.354	32.532	24.452
1.023				
11/10/2016 3:30:00 PM	63000.000	70.499	17.397	158.805
40904.883	47854.055	31.363	32.541	24.447
1.023				
11/10/2016 3:45:00 PM	63900.000	70.507	17.400	158.825
40897.727	47842.973	31.355	32.533	24.451
1.023				
11/10/2016 4:00:00 PM	64800.000	70.509	17.397	158.828
40886.098	47832.176	31.347	32.526	24.458
1.023				
11/10/2016 4:15:00 PM	65700.000	70.508	17.393	158.827
40904.820	47858.656	31.366	32.544	24.447
1.023				
11/10/2016 4:30:00 PM	66600.000	70.513	17.393	158.837
40921.598	47878.473	31.381	32.557	24.437
1.023				
11/10/2016 4:45:00 PM	67500.000	70.508	17.394	158.826
40904.445	47856.902	31.365	32.543	24.447
1.023				
11/10/2016 5:00:00 PM	68400.000	70.512	17.395	158.835
40883.641	47831.055	31.346	32.525	24.460
1.023				
11/10/2016 5:15:00 PM	69300.000	70.535	17.395	158.887
40898.531	47849.328	31.360	32.538	24.451
1.023				
11/10/2016 5:30:00 PM	70200.000	70.522	17.398	158.858
40924.516	47875.992	31.379	32.556	24.435
1.023				
11/10/2016 5:45:00 PM	71100.000	70.524	17.396	158.863
40884.695	47831.277	31.347	32.525	24.459
1.023				
11/10/2016 6:00:00 PM	72000.000	70.525	17.395	158.865
40888.387	47836.898	31.351	32.529	24.457
1.023				
11/10/2016 6:15:00 PM	72900.000	70.535	17.393	158.887
40900.020	47853.039	31.362	32.540	24.450
1.023				
11/10/2016 6:30:00 PM	73800.000	70.541	17.394	158.900
40900.859	47852.984	31.362	32.540	24.449
1.023				
11/10/2016 6:45:00 PM	74700.000	70.537		

17.394	158.890	40903.863	
47855.746	31.364	32.542	
24.448	1.023		
11/10/2016 7:00:00 PM	75600.000	70.559	
17.393	158.941	40887.949	
47838.996	31.352	32.531	
24.457	1.023		
11/10/2016 7:15:00 PM	76500.000	70.552	
17.393	158.925	40942.801	
47902.801	31.399	32.574	
24.424	1.023		
11/10/2016 7:30:00 PM	77400.000	70.550	
17.393	158.921	40858.992	
47804.367	31.327	32.507	
24.474	1.023		
11/10/2016 7:45:00 PM	78300.000	70.560	
17.400	158.943	40923.066	
47872.520	31.377	32.553	
24.436	1.023		
11/10/2016 8:00:00 PM	79200.000	70.557	
17.395	158.936	40920.691	
47874.883	31.378	32.555	
24.438	1.023		
11/10/2016 8:15:00 PM	80100.000	70.559	
17.393	158.940	40844.418	
47787.797	31.315	32.496	
24.483	1.023		
11/10/2016 8:30:00 PM	81000.000	70.566	
17.391	158.957	40929.754	
47889.965	31.389	32.565	
24.432	1.023		
11/10/2016 8:45:00 PM	81900.000	70.560	
17.394	158.942	40919.395	
47874.297	31.378	32.555	
24.438	1.023		
11/10/2016 9:00:00 PM	82800.000	70.565	
17.392	158.955	40870.840	
47819.824	31.338	32.517	
24.467	1.023		
11/10/2016 9:15:00 PM	83700.000	70.557	
17.396	158.936	40921.523	
47874.730	31.378	32.555	
24.437	1.023		
11/10/2016 9:30:00 PM	84600.000	70.565	
17.394	158.955	40909.785	
47863.148	31.370	32.547	
24.444	1.023		
11/10/2016 9:45:00 PM	85500.000	70.559	
17.394	158.942	40918.066	
47872.551	31.377	32.553	
24.439	1.023		
11/10/2016 10:00:00 PM	86400.000	70.545	
17.387	158.910	40892.637	
47850.563	31.360	32.538	
24.454	1.023		
11/10/2016 10:15:00 PM	87300.000	70.561	
17.390	158.946	40928.230	

47888.656	31.388	32.564	24.433	1.023
11/10/2016 10:30:00 PM	88200.000	70.546	17.394	158.913
40890.965	47840.656	31.353	32.532	24.455
1.023	11/10/2016 10:45:00 PM	89100.000	70.540	17.391
158.897	40906.820	47863.047	31.370	32.547
24.446	1.023	11/10/2016 11:00:00 PM	90000.000	70.552
17.393	158.925	40961.484	47925.031	31.415
32.589	24.413	1.023	11/10/2016 11:15:00 PM	90900.000
70.535	17.396	158.887	40937.625	47893.008
31.392	32.567	24.427	1.023	11/10/2016 11:30:00 PM
91800.000	70.522	17.400	158.858	40891.602
47835.254	31.350	32.528	24.455	1.023
11/10/2016 11:45:00 PM	92700.000	70.519	17.396	158.851
40916.063	47867.875	31.373	32.550	24.440
1.023	11/11/2016 12:00:00 AM	93600.000	70.504	17.392
158.817	40905.855	47860.699	31.368	32.545
24.446	1.023	11/11/2016 12:15:00 AM	94500.000	70.502
17.392	158.813	40889.082	47841.258	31.354
32.532	24.456	1.023	11/11/2016 12:30:00 AM	95400.000
70.508	17.402	158.825	40924.871	47871.738
31.377	32.553	24.435	1.023	11/11/2016 12:45:00 AM
96300.000	70.506	17.395	158.823	40911.973
47864.387	31.371	32.548	24.443	1.023
11/11/2016 1:00:00 AM	97200.000	70.483	17.397	158.769
40913.387	47864.184	31.371	32.548	24.442
1.023	11/11/2016 1:15:00 AM	98100.000	70.499	17.393
158.806	40883.898	47833.426	31.348	32.527
24.460	1.023	11/11/2016 1:30:00 AM	99000.000	70.472
17.393	158.745	40876.574	47825.688	31.342
32.521	24.464	1.023	11/11/2016 1:45:00 AM	99900.000
70.469	17.393	158.739	40958.473	47921.051
31.412	32.586

24.415	1.023	
11/11/2016 2:00:00 AM	100800.000	70.479
17.395	158.760	40927.047
47882.129	31.384	32.560
24.434	1.023	
11/11/2016 2:15:00 AM	101700.000	70.454
17.392	158.706	40908.242
47863.777	31.370	32.547
24.445	1.023	
11/11/2016 2:30:00 AM	102600.000	70.456
17.400	158.710	40896.898
47841.809	31.355	32.532
24.452	1.023	
11/11/2016 2:45:00 AM	103500.000	70.449
17.394	158.693	40932.254
47888.965	31.389	32.564
24.431	1.023	
11/11/2016 3:00:00 AM	104400.000	70.452
17.394	158.699	40885.266
47833.988	31.348	32.527
24.459	1.023	
11/11/2016 3:15:00 AM	105300.000	70.448
17.397	158.690	40910.941
47861.238	31.369	32.546
24.443	1.023	
11/11/2016 3:30:00 AM	106200.000	70.465
17.398	158.729	40884.180
47828.430	31.345	32.523
24.459	1.023	
11/11/2016 3:45:00 AM	107100.000	70.456
17.395	158.710	40911.418
47863.656	31.370	32.547
24.443	1.023	
11/11/2016 4:00:00 AM	108000.000	70.459
17.396	158.716	40933.613
47888.785	31.389	32.564
24.430	1.023	
11/11/2016 4:15:00 AM	108900.000	70.460
17.399	158.719	40909.703
47857.637	31.366	32.543
24.444	1.023	
11/11/2016 4:30:00 AM	109800.000	70.466
17.391	158.732	40923.453
47882.594	31.384	32.560
24.436	1.023	
11/11/2016 4:45:00 AM	110700.000	70.481
17.388	158.765	40893.277
47849.809	31.360	32.538
24.454	1.023	
11/11/2016 5:00:00 AM	111600.000	70.473
17.394	158.748	40884.398
47833.539	31.348	32.527
24.459	1.023	
11/11/2016 5:15:00 AM	112500.000	70.486
17.396	158.778	40897.355
47846.266	31.358	32.535
24.451	1.023	

11/11/2016 5:30:00 AM	113400.000	70.489	17.388	158.783	40918.559
47879.391	31.381	32.558	24.439	1.023	
11/11/2016 5:45:00 AM	114300.000	70.515	17.393	158.842	40894.223
47845.508	31.357	32.535	24.453	1.023	
11/11/2016 6:00:00 AM	115200.000	70.502	17.395	158.813	40895.582
47845.316	31.357	32.535	24.453	1.023	
11/11/2016 6:15:00 AM	116100.000	70.509	17.395	158.828	40877.852
47825.031	31.342	32.521	24.463	1.023	
11/11/2016 6:30:00 AM	117000.000	70.523	17.391	158.860	40919.156
47877.191	31.380	32.556	24.438	1.023	
11/11/2016 6:45:00 AM	117900.000	70.543	17.391	158.906	40917.078
47874.672	31.378	32.555	24.440	1.023	
11/11/2016 7:00:00 AM	118800.000	70.534	17.390	158.886	40897.703
47853.117	31.362	32.540	24.451	1.023	
11/11/2016 7:15:00 AM	119700.000	70.552	17.392	158.926	40902.449
47856.438	31.365	32.542	24.448	1.023	
11/11/2016 7:30:00 AM	120600.000	70.558	17.394	158.938	40889.781
47839.176	31.352	32.531	24.456	1.023	
11/11/2016 7:45:00 AM	121500.000	70.565	17.391	158.955	40868.355
47818.125	31.337	32.516	24.469	1.023	
11/11/2016 8:00:00 AM	122400.000	70.566	17.388	158.957	40872.957
47826.863	31.343	32.522	24.466	1.023	
11/11/2016 8:15:00 AM	123300.000	70.574	17.394	158.975	40887.203
47836.633	31.350	32.529	24.458	1.023	
11/11/2016 8:30:00 AM	124200.000	70.577	17.394	158.981	40902.492
47854.242	31.363	32.541	24.448	1.023	
11/11/2016 8:45:00 AM	125100.000	70.584	17.074	158.997	40981.938
48293.348	31.665	32.839	24.401	1.023	
11/11/2016 9:00:00 AM	126000.000	70.590			

17.388	159.010	41033.551
48014.230	31.480	32.650
24.370	1.023	
11/11/2016 9:15:00 AM	126900.000	70.597
17.387	159.027	41023.688
48004.375	31.473	32.643
24.376	1.023	
11/11/2016 9:30:00 AM	127800.000	70.602
17.385	159.038	41028.449
48011.258	31.478	32.648
24.373	1.023	
11/11/2016 9:45:00 AM	128700.000	70.612
17.387	159.060	40987.211
47961.313	31.441	32.614
24.398	1.023	
11/11/2016 10:00:00 AM	129600.000	70.602
17.383	159.037	41028.676
48013.773	31.479	32.649
24.373	1.023	
11/11/2016 10:15:00 AM	130500.000	70.603
17.383	159.039	40975.039
47951.652	31.434	32.607
24.405	1.023	
11/11/2016 10:30:00 AM	131400.000	70.602
17.380	159.038	40999.855
47983.883	31.457	32.629
24.390	1.023	
11/11/2016 10:45:00 AM	132300.000	70.602
17.384	159.038	40988.199
47965.844	31.444	32.617
24.397	1.023	
11/11/2016 11:00:00 AM	133200.000	70.616
17.380	159.069	40995.027
47978.047	31.453	32.625
24.393	1.023	
11/11/2016 11:15:00 AM	134100.000	70.591
17.383	159.012	41013.402
47995.898	31.466	32.637
24.382	1.023	
11/11/2016 11:30:00 AM	135000.000	70.591
17.378	159.014	40985.855
47968.711	31.446	32.619
24.399	1.023	
11/11/2016 11:45:00 AM	135900.000	70.586
17.379	159.002	41016.438
48003.563	31.472	32.642
24.380	1.023	
11/11/2016 12:00:00 PM	136800.000	70.568
17.371	158.961	40979.559
47969.301	31.446	32.619
24.402	1.023	
11/11/2016 12:15:00 PM	137700.000	70.562
17.379	158.948	40954.965
47932.180	31.419	32.594
24.417	1.023	
11/11/2016 12:30:00 PM	138600.000	70.565
17.380	158.955	41017.262

48004.258	31.472	32.643	24.380
1.023			
11/11/2016 12:45:00 PM	139500.000	70.557	17.382
158.936	41029.621	48016.668	31.481
32.651	24.373	1.023	
11/11/2016 1:00:00 PM	140400.000	70.546	17.385
158.913	40984.746	47960.117	31.440
32.613	24.399	1.023	
11/11/2016 1:15:00 PM	141300.000	70.538	17.375
158.893	40979.723	47965.004	31.443
32.616	24.402	1.023	
11/11/2016 1:30:00 PM	142200.000	70.531	17.384
158.878	40980.055	47956.023	31.437
32.610	24.402	1.023	
11/11/2016 1:45:00 PM	143100.000	70.528	17.370
158.870	40961.445	47949.039	31.431
32.605	24.413	1.023	
11/11/2016 2:00:00 PM	144000.000	70.512	17.382
158.836	40985.262	47964.563	31.443
32.616	24.399	1.023	
11/11/2016 2:15:00 PM	144900.000	70.508	17.380
158.826	40965.563	47943.371	31.428
32.601	24.411	1.023	
11/11/2016 2:30:00 PM	145800.000	70.503	17.376
158.815	41013.715	48004.500	31.472
32.643	24.382	1.023	
11/11/2016 2:45:00 PM	146700.000	70.495	17.380
158.796	40984.059	47965.211	31.444
32.616	24.400	1.023	
11/11/2016 3:00:00 PM	147600.000	70.486	17.379
158.776	40988.051	47971.094	31.448
32.620	24.397	1.023	
11/11/2016 3:15:00 PM	148500.000	70.489	17.378
158.784	40958.484	47936.863	31.423
32.597	24.415	1.023	
11/11/2016 3:30:00 PM	149400.000	70.480	17.377
158.763	41015.543	48005.242	31.473
32.644	24.381	1.023	
11/11/2016 3:45:00 PM	150300.000	70.483	17.383
158.770	40968.512	47944.016	31.428
32.602	24.409	1.023	
11/11/2016 4:00:00 PM	151200.000	70.477	17.382
158.757	41009.996	47993.227	31.464
32.635			

24.384	1.023	
11/11/2016 4:15:00 PM	152100.000	70.477
17.386	158.756	41007.359
47985.727	31.459	32.630
24.386	1.023	
11/11/2016 4:30:00 PM	153000.000	70.472
17.383	158.745	41005.262
47986.457	31.459	32.631
24.387	1.023	
11/11/2016 4:45:00 PM	153900.000	70.472
17.380	158.746	41020.008
48006.711	31.474	32.645
24.378	1.023	
11/11/2016 5:00:00 PM	154800.000	70.466
17.387	158.732	40983.953
47957.223	31.438	32.611
24.400	1.023	
11/11/2016 5:15:00 PM	155700.000	70.492
17.382	158.789	40958.996
47933.637	31.421	32.595
24.415	1.023	
11/11/2016 5:30:00 PM	156600.000	70.473
17.378	158.748	41004.234
47990.410	31.462	32.633
24.388	1.023	
11/11/2016 5:45:00 PM	157500.000	70.495
17.377	158.797	41011.691
48000.266	31.469	32.640
24.383	1.023	
11/11/2016 6:00:00 PM	158400.000	70.483
17.377	158.769	41007.414
47996.004	31.466	32.637
24.386	1.023	
11/11/2016 6:15:00 PM	159300.000	70.487
17.387	158.779	41008.680
47986.719	31.460	32.631
24.385	1.023	
11/11/2016 6:30:00 PM	160200.000	70.488
17.383	158.781	40991.254
47969.980	31.447	32.620
24.395	1.023	
11/11/2016 6:45:00 PM	161100.000	70.491
17.368	158.788	40947.383
47935.008	31.421	32.596
24.422	1.023	
11/11/2016 7:00:00 PM	162000.000	70.500
17.380	158.807	41001.813
47985.797	31.459	32.630
24.389	1.023	
11/11/2016 7:15:00 PM	162900.000	70.503
17.385	158.815	41001.648
47980.082	31.455	32.626
24.389	1.023	
11/11/2016 7:30:00 PM	163800.000	70.519
17.382	158.851	41000.008
47981.633	31.456	32.628
24.390	1.023	

11/11/2016 7:45:00 PM	164700.000	70.524	17.379	158.863	40963.719	47941.969
31.427	32.601	24.412	1.023			
11/11/2016 8:00:00 PM	165600.000	70.519	17.383	158.851	41001.945	47982.949
31.457	32.628	24.389	1.023			
11/11/2016 8:15:00 PM	166500.000	70.534	17.383	158.885	40965.613	47940.531
31.426	32.600	24.411	1.023			
11/11/2016 8:30:00 PM	167400.000	70.538	17.377	158.893	41006.250	47993.895
31.464	32.636	24.387	1.023			
11/11/2016 8:45:00 PM	168300.000	70.542	17.391	158.903	41001.992	47973.926
31.451	32.622	24.389	1.023			
11/11/2016 9:00:00 PM	169200.000	70.546	17.381	158.911	40983.063	47962.449
31.442	32.614	24.400	1.023			
11/11/2016 9:15:00 PM	170100.000	70.551	17.380	158.924	41002.641	47987.227
31.460	32.631	24.389	1.023			
11/11/2016 9:30:00 PM	171000.000	70.551	17.380	158.923	40989.914	47971.598
31.448	32.621	24.396	1.023			
11/11/2016 9:45:00 PM	171900.000	70.562	17.378	158.949	41023.188	48013.156
31.478	32.649	24.376	1.023			
11/11/2016 10:00:00 PM	172800.000	70.556	17.377	158.935	40995.523	47981.156
31.455	32.627	24.393	1.023			
11/11/2016 10:15:00 PM	173700.000	70.556	17.381	158.934	41014.992	48000.191
31.469	32.640	24.381	1.023			
11/11/2016 10:30:00 PM	174600.000	70.559	17.376	158.942	40968.332	47951.293
31.433	32.607	24.409	1.023			
11/11/2016 10:45:00 PM	175500.000	70.549	17.382	158.919	40952.684	47925.680
31.415	32.589	24.418	1.023			
11/11/2016 11:00:00 PM	176400.000	70.552	17.381	158.925	40988.328	47968.797
31.446	32.619	24.397	1.023			
11/11/2016 11:15:00 PM	177300.000	70.540				

17.382	158.897	41031.070
48018.363	31.483	32.652
24.372	1.023	
11/11/2016 11:30:00 PM	178200.000	70.540
17.381	158.897	41017.406
48002.828	31.471	32.642
24.380	1.023	
11/11/2016 11:45:00 PM	179100.000	70.544
17.381	158.907	41031.383
48019.184	31.483	32.653
24.372	1.023	
11/12/2016 12:00:00 AM	180000.000	70.542
17.379	158.903	40978.934
47959.965	31.440	32.613
24.403	1.023	
11/12/2016 12:15:00 AM	180900.000	70.531
17.386	158.878	40968.328
47940.527	31.426	32.600
24.409	1.023	
11/12/2016 12:30:00 AM	181800.000	70.528
17.381	158.872	41022.691
48008.746	31.475	32.646
24.377	1.023	
11/12/2016 12:45:00 AM	182700.000	70.520
17.377	158.854	40951.387
47930.250	31.418	32.593
24.419	1.023	
11/12/2016 1:00:00 AM	183600.000	70.525
17.380	158.865	40987.496
47968.660	31.446	32.619
24.398	1.023	
11/12/2016 1:15:00 AM	184500.000	70.509
17.380	158.828	41008.840
47994.020	31.465	32.636
24.385	1.023	
11/12/2016 1:30:00 AM	185400.000	70.506
17.380	158.822	41012.414
47998.582	31.468	32.639
24.383	1.023	
11/12/2016 1:45:00 AM	186300.000	70.510
17.388	158.831	41005.879
47982.398	31.457	32.628
24.387	1.023	
11/12/2016 2:00:00 AM	187200.000	70.500
17.385	158.808	41016.961
47998.371	31.468	32.639
24.380	1.023	
11/12/2016 2:15:00 AM	188100.000	70.512
17.380	158.835	41014.625
48001.063	31.470	32.641
24.382	1.023	
11/12/2016 2:30:00 AM	189000.000	70.492
17.383	158.789	41028.953
48014.098	31.479	32.650
24.373	1.023	
11/12/2016 2:45:00 AM	189900.000	70.483
17.387	158.770	41001.543

47977.996	31.453	32.625	24.389	1.023
11/12/2016 3:00:00 AM	190800.000	70.480	17.381	158.763
41000.539	47983.277	31.457	32.629	24.390
1.023				
11/12/2016 3:15:00 AM	191700.000	70.474	17.389	158.749
41044.402	48026.453	31.489	32.658	24.364
1.023				
11/12/2016 3:30:00 AM	192600.000	70.474	17.383	158.749
41007.703	47989.313	31.461	32.633	24.386
1.023				
11/12/2016 3:45:00 AM	193500.000	70.480	17.383	158.763
40975.074	47951.605	31.434	32.607	24.405
1.023				
11/12/2016 4:00:00 AM	194400.000	70.484	17.383	158.771
40992.902	47972.367	31.449	32.621	24.394
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11/12/2016 4:15:00 AM	195300.000	70.486	17.385	158.777
40971.246	47944.777	31.429	32.602	24.407
1.023				
11/12/2016 4:30:00 AM	196200.000	70.488	17.380	158.780
41012.195	47997.484	31.467	32.638	24.383
1.023				
11/12/2016 4:45:00 AM	197100.000	70.500	17.381	158.808
41023.422	48009.867	31.476	32.647	24.376
1.023				
11/12/2016 5:00:00 AM	198000.000	70.498	17.378	158.804
40994.848	47979.234	31.454	32.626	24.393
1.023				
11/12/2016 5:15:00 AM	198900.000	70.509	17.382	158.828
41017.168	48001.238	31.470	32.641	24.380
1.023				
11/12/2016 5:30:00 AM	199800.000	70.523	17.385	158.860
41017.262	47998.625	31.468	32.639	24.380
1.023				
11/12/2016 5:45:00 AM	200700.000	70.515	17.382	158.842
40993.816	47974.289	31.450	32.623	24.394
1.023				
11/12/2016 6:00:00 AM	201600.000	70.528	17.383	158.870
40990.453	47969.234	31.447	32.619	24.396
1.023				
11/12/2016 6:15:00 AM	202500.000	70.529	17.379	158.872
41000.781	47985.426	31.458	32.630	

24.390	1.023	
11/12/2016 6:30:00 AM	203400.000	70.546
17.385	158.911	41004.656
47983.781	31.457	32.629
24.387	1.023	
11/12/2016 6:45:00 AM	204300.000	70.554
17.383	158.929	40997.711
47977.242	31.453	32.625
24.392	1.023	
11/12/2016 7:00:00 AM	205200.000	70.559
17.387	158.942	41000.465
47977.105	31.453	32.624
24.390	1.023	
11/12/2016 7:15:00 AM	206100.000	70.574
17.383	158.975	41009.750
47991.520	31.463	32.634
24.384	1.023	
11/12/2016 7:30:00 AM	207000.000	70.579
17.387	158.986	41010.063
47988.055	31.461	32.632
24.384	1.023	
11/12/2016 7:45:00 AM	207900.000	70.591
17.377	159.014	40947.824
47926.262	31.415	32.590
24.421	1.023	
11/12/2016 8:00:00 AM	208800.000	70.602
17.376	159.038	41021.773
48013.379	31.479	32.649
24.377	1.023	
11/12/2016 8:15:00 AM	209700.000	70.606
17.378	159.047	40994.691
47980.082	31.454	32.626
24.393	1.023	
11/12/2016 8:30:00 AM	210600.000	70.612
17.382	159.060	40985.117
47964.395	31.443	32.616
24.399	1.023	
11/12/2016 8:45:00 AM	211500.000	70.623
17.386	159.086	41027.828
48009.785	31.476	32.647
24.374	1.023	
11/12/2016 9:00:00 AM	212400.000	70.631
17.379	159.102	40988.641
47971.512	31.448	32.621
24.397	1.023	
11/12/2016 9:15:00 AM	213300.000	70.641
17.387	159.126	41011.934
47990.344	31.462	32.633
24.383	1.023	
11/12/2016 9:30:00 AM	214200.000	70.644
17.386	159.132	40993.801
47969.969	31.447	32.620
24.394	1.023	
11/12/2016 9:45:00 AM	215100.000	70.639
17.383	159.122	41012.383
47994.520	31.465	32.636
24.383	1.023	

11/12/2016 10:00:00 AM	216000.000	70.651	17.387	159.148
40985.832	47959.324	31.440	32.612	24.399
1.023				
11/12/2016 10:15:00 AM	216900.000	70.654	17.377	159.155
40967.313	47948.793	31.431	32.605	24.410
1.023				
11/12/2016 10:30:00 AM	217800.000	70.654	17.380	159.155
41021.316	48008.242	31.475	32.646	24.378
1.023				
11/12/2016 10:45:00 AM	218700.000	70.653	17.374	159.152
40961.988	47945.453	31.429	32.603	24.413
1.023				
11/12/2016 11:00:00 AM	219600.000	70.658	17.379	159.165
41001.383	47986.695	31.459	32.631	24.389
1.023				
11/12/2016 11:15:00 AM	220500.000	70.658	17.381	159.165
41010.887	47995.469	31.466	32.637	24.384
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41010.758	47994.016	31.465	32.636	24.384
1.023				
11/12/2016 11:45:00 AM	222300.000	70.639	17.380	159.122
40990.879	47973.379	31.450	32.622	24.396
1.023				
11/12/2016 12:00:00 PM	223200.000	70.640	17.377	159.124
41003.566	47990.566	31.462	32.634	24.388
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11/12/2016 12:15:00 PM	224100.000	70.641	17.383	159.125
40999.887	47980.641	31.455	32.627	24.390
1.023				
11/12/2016 12:30:00 PM	225000.000	70.623	17.380	159.085
40975.285	47955.129	31.436	32.609	24.405
1.023				
11/12/2016 12:45:00 PM	225900.000	70.635	17.382	159.112
40989.789	47969.766	31.447	32.619	24.396
1.023				
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40989.199	47969.629	31.447	32.619	24.397
1.023				
11/12/2016 1:15:00 PM	227700.000	70.602	17.384	159.037
40985.855	47962.348	31.442	32.614	24.399
1.023				
11/12/2016 1:30:00 PM	228600.000	70.591		

17.379	159.014	40999.457
47984.250	31.457	32.629
24.391	1.023	
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17.386	159.000	41012.422
47991.285	31.463	32.634
24.383	1.023	
11/12/2016 2:00:00 PM	230400.000	70.573
17.385	158.973	41010.953
47991.242	31.463	32.634
24.384	1.023	
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17.381	158.944	40998.125
47980.184	31.455	32.627
24.391	1.023	
11/12/2016 2:30:00 PM	232200.000	70.545
17.381	158.910	41007.676
47991.629	31.463	32.634
24.386	1.023	
11/12/2016 2:45:00 PM	233100.000	70.552
17.385	158.926	41012.223
47993.105	31.464	32.635
24.383	1.023	
11/12/2016 3:00:00 PM	234000.000	70.541
17.383	158.900	40979.398
47956.297	31.437	32.610
24.403	1.023	
11/12/2016 3:15:00 PM	234900.000	70.526
17.381	158.866	41032.816
48020.488	31.484	32.654
24.371	1.023	
11/12/2016 3:30:00 PM	235800.000	70.520
17.383	158.852	41022.035
48005.813	31.473	32.644
24.377	1.023	
11/12/2016 3:45:00 PM	236700.000	70.509
17.384	158.828	40994.203
47973.055	31.450	32.622
24.394	1.023	
11/12/2016 4:00:00 PM	237600.000	70.503
17.377	158.815	40982.012
47965.906	31.444	32.617
24.401	1.023	
11/12/2016 4:15:00 PM	238500.000	70.497
17.384	158.801	41047.137
48034.246	31.494	32.663
24.362	1.023	
11/12/2016 4:30:00 PM	239400.000	70.498
17.392	158.804	40993.484
47962.660	31.442	32.615
24.394	1.023	
11/12/2016 4:45:00 PM	240300.000	70.493
17.383	158.793	41007.469
47988.660	31.461	32.632
24.386	1.023	
11/12/2016 5:00:00 PM	241200.000	70.488
17.386	158.781	41018.957

47999.863	31.469	32.640	24.379	1.023	
11/12/2016 5:15:00 PM	242100.000	70.499	17.385	158.806	40994.406
47971.879	31.449	32.621	24.394	1.023	
11/12/2016 5:30:00 PM	243000.000	70.487	17.385	158.778	40988.551
47965.313	31.444	32.616	24.397	1.023	
11/12/2016 5:45:00 PM	243900.000	70.487	17.380	158.778	40977.844
47957.363	31.438	32.611	24.403	1.023	
11/12/2016 6:00:00 PM	244800.000	70.480	17.389	158.763	41008.113
47983.238	31.457	32.629	24.385	1.023	
11/12/2016 6:15:00 PM	245700.000	70.487	17.382	158.779	41014.699
47998.352	31.468	32.639	24.382	1.023	
11/12/2016 6:30:00 PM	246600.000	70.493	17.380	158.793	40983.172
47963.980	31.443	32.616	24.400	1.023	
11/12/2016 6:45:00 PM	247500.000	70.493	17.382	158.793	40983.633
47962.086	31.441	32.614	24.400	1.023	
11/12/2016 7:00:00 PM	248400.000	70.493	17.383	158.792	40991.289
47969.832	31.447	32.619	24.395	1.023	
11/12/2016 7:15:00 PM	249300.000	70.508	17.376	158.825	40980.793
47965.035	31.443	32.616	24.402	1.023	
11/12/2016 7:30:00 PM	250200.000	70.519	17.378	158.851	40982.293
47965.016	31.443	32.616	24.401	1.023	
11/12/2016 7:45:00 PM	251100.000	70.522	17.383	158.857	41013.250
47995.805	31.466	32.637	24.382	1.023	
11/12/2016 8:00:00 PM	252000.000	70.520	17.387	158.854	41022.531
48003.023	31.472	32.642	24.377	1.023	
11/12/2016 8:15:00 PM	252900.000	70.526	17.384	158.866	40963.188
47936.008	31.422	32.596	24.412	1.023	
11/12/2016 8:30:00 PM	253800.000	70.530	17.381	158.876	40968.281
47945.148	31.429	32.603			

24.409	1.023	
11/12/2016 8:45:00 PM	254700.000	70.538
17.374	158.895	41009.730
48001.148	31.469	32.641
24.384	1.023	
11/12/2016 9:00:00 PM	255600.000	70.544
17.381	158.907	41017.906
48003.227	31.471	32.642
24.380	1.023	
11/12/2016 9:15:00 PM	256500.000	70.554
17.378	158.930	40989.004
47972.395	31.449	32.621
24.397	1.023	
11/12/2016 9:30:00 PM	257400.000	70.556
17.387	158.934	41029.855
48010.750	31.477	32.647
24.372	1.023	
11/12/2016 9:45:00 PM	258300.000	70.557
17.380	158.937	41003.348
47987.594	31.460	32.632
24.388	1.023	
11/12/2016 10:00:00 PM	259200.000	70.569
17.386	158.963	41014.582
47994.656	31.465	32.636
24.382	1.023	
11/12/2016 10:15:00 PM	260100.000	70.571
17.379	158.967	40984.781
47966.430	31.444	32.617
24.399	1.023	
11/12/2016 10:30:00 PM	261000.000	70.574
17.383	158.974	41023.074
48007.219	31.474	32.645
24.377	1.023	
11/12/2016 10:45:00 PM	261900.000	70.573
17.377	158.973	41004.309
47992.191	31.463	32.635
24.388	1.023	
11/12/2016 11:00:00 PM	262800.000	70.577
17.384	158.982	41001.348
47980.566	31.455	32.627
24.389	1.023	
11/12/2016 11:15:00 PM	263700.000	70.574
17.383	158.974	40993.383
47972.285	31.449	32.621
24.394	1.023	
11/12/2016 11:30:00 PM	264600.000	70.567
17.384	158.960	41007.348
47987.965	31.460	32.632
24.386	1.023	
11/12/2016 11:45:00 PM	265500.000	70.578
17.383	158.985	41006.227
47987.961	31.460	32.632
24.387	1.023	
11/13/2016 12:00:00 AM	266400.000	70.574
17.379	158.974	41011.125
47997.262	31.467	32.638
24.384	1.023	

11/13/2016 12:15:00 AM	267300.000	70.574	
17.380	158.974	41014.984	
48000.645	31.469	32.640	
24.381	1.023		
11/13/2016 12:30:00 AM	268200.000	70.560	
17.381	158.944	41012.004	
47996.883	31.467	32.638	
24.383	1.023		
11/13/2016 12:45:00 AM	269100.000	70.569	
17.382	158.963	41024.480	
48009.887	31.476	32.647	
24.376	1.023		
11/13/2016 1:00:00 AM	270000.000	70.565	
17.382	158.955	40988.516	
47967.895	31.446	32.618	
24.397	1.023		
11/13/2016 1:15:00 AM	270900.000	70.551	
17.386	158.924	40994.563	
47970.941	31.448	32.620	
24.393	1.023		
11/13/2016 1:30:00 AM	271800.000	70.552	
17.385	158.926	41002.445	
47981.016	31.455	32.627	
24.389	1.023		
11/13/2016 1:45:00 AM	272700.000	70.543	
17.382	158.904	41000.996	
47982.219	31.456	32.628	
24.390	1.023		
11/13/2016 2:00:00 AM	273600.000	70.540	
17.387	158.897	41028.328	
48008.961	31.476	32.646	
24.373	1.023		
11/13/2016 2:15:00 AM	274500.000	70.534	
17.381	158.886	41004.094	
47987.438	31.460	32.631	
24.388	1.023		
11/13/2016 2:30:00 AM	275400.000	70.524	
17.384	158.863	41015.004	
47997.023	31.467	32.638	
24.381	1.023		
11/13/2016 2:45:00 AM	276300.000	70.523	
17.379	158.859	40994.758	
47978.105	31.453	32.625	
24.393	1.023		
11/13/2016 3:00:00 AM	277200.000	70.522	
17.384	158.858	40989.105	
47966.617	31.445	32.617	
24.397	1.023		
11/13/2016 3:15:00 AM	278100.000	70.512	
17.389	158.835	40982.898	
47954.297	31.436	32.609	
24.400	1.023		
11/13/2016 3:30:00 AM	279000.000	70.517	
17.376	158.846	41031.180	
48024.852	31.487	32.657	
24.372	1.023		
11/13/2016 3:45:00 AM	279900.000	70.515	

17.383	158.843	41000.363
47980.832	31.455	32.627
24.390	1.023	
11/13/2016 4:00:00 AM	280800.000	70.512
17.383	158.836	41018.980
48002.512	31.471	32.642
24.379	1.023	
11/13/2016 4:15:00 AM	281700.000	70.509
17.385	158.828	40945.207
47914.125	31.407	32.582
24.423	1.023	
11/13/2016 4:30:00 AM	282600.000	70.515
17.381	158.843	40992.316
47973.844	31.450	32.622
24.395	1.023	
11/13/2016 4:45:00 AM	283500.000	70.512
17.386	158.835	40986.047
47961.164	31.441	32.614
24.399	1.023	
11/13/2016 5:00:00 AM	284400.000	70.515
17.386	158.842	40969.258
47940.871	31.426	32.600
24.409	1.023	
11/13/2016 5:15:00 AM	285300.000	70.519
17.390	158.851	40998.285
47971.273	31.449	32.620
24.391	1.023	
11/13/2016 5:30:00 AM	286200.000	70.530
17.382	158.876	40979.520
47957.180	31.438	32.611
24.402	1.023	
11/13/2016 5:45:00 AM	287100.000	70.526
17.387	158.866	40990.090
47964.684	31.444	32.616
24.396	1.023	
11/13/2016 6:00:00 AM	288000.000	70.535
17.388	158.888	41015.066
47992.879	31.464	32.635
24.381	1.023	
11/13/2016 6:15:00 AM	288900.000	70.541
17.385	158.899	40983.777
47959.262	31.440	32.612
24.400	1.023	
11/13/2016 6:30:00 AM	289800.000	70.561
17.384	158.945	41013.402
47995.148	31.466	32.637
24.382	1.023	
11/13/2016 6:45:00 AM	290700.000	70.551
17.383	158.923	40996.086
47975.906	31.452	32.624
24.393	1.023	
11/13/2016 7:00:00 AM	291600.000	70.560
17.378	158.944	41005.363
47992.297	31.463	32.635
24.387	1.023	
11/13/2016 7:15:00 AM	292500.000	70.572
17.377	158.969	40963.848

47944.359	31.428	32.602	24.412	1.023	
11/13/2016 7:30:00 AM	293400.000	70.578	17.381	158.984	40990.383
47970.934	31.448	32.620	24.396	1.023	
11/13/2016 7:45:00 AM	294300.000	70.591	17.381	159.014	41025.078
48012.184	31.478	32.648	24.375	1.023	
11/13/2016 8:00:00 AM	295200.000	70.591	17.390	159.014	40965.289
47932.289	31.420	32.594	24.411	1.023	
11/13/2016 8:15:00 AM	296100.000	70.607	17.374	159.049	40978.879
47965.035	31.443	32.616	24.403	1.023	
11/13/2016 8:30:00 AM	297000.000	70.620	17.381	159.080	40989.059
47969.840	31.447	32.619	24.397	1.023	
11/13/2016 8:45:00 AM	297900.000	70.628	17.384	159.097	40986.746
47963.391	31.442	32.615	24.398	1.023	
11/13/2016 9:00:00 AM	298800.000	70.634	17.384	159.111	41026.848
48010.406	31.477	32.647	24.374	1.023	
11/13/2016 9:15:00 AM	299700.000	70.643	17.386	159.131	41031.043
48013.816	31.479	32.649	24.372	1.023	
11/13/2016 9:30:00 AM	300600.000	70.654	17.386	159.155	40988.738
47963.668	31.443	32.615	24.397	1.023	
11/13/2016 9:45:00 AM	301500.000	70.658	17.381	159.165	40982.238
47962.047	31.441	32.614	24.401	1.023	
11/13/2016 10:00:00 AM	302400.000	70.674	17.384	159.199	41026.910
48010.668	31.477	32.647	24.374	1.023	
11/13/2016 10:15:00 AM	303300.000	70.674	17.384	159.199	40971.176
47945.355	31.429	32.603	24.407	1.023	
11/13/2016 10:30:00 AM	304200.000	70.672	17.386	159.196	41022.906
48004.215	31.472	32.643	24.377	1.023	
11/13/2016 10:45:00 AM	305100.000	70.677	17.387	159.207	40966.398
47937.152	31.423	32.597			

24.410	1.023	
11/13/2016 11:00:00 AM	306000.000	70.676
17.387	159.204	41016.855
47995.352	31.466	32.637
24.380	1.023	
11/13/2016 11:15:00 AM	306900.000	70.679
17.382	159.211	40982.758
47961.633	31.441	32.614
24.401	1.023	
11/13/2016 11:30:00 AM	307800.000	70.676
17.378	159.204	40963.188
47942.277	31.427	32.601
24.412	1.023	
11/13/2016 11:45:00 AM	308700.000	70.671
17.376	159.194	40977.500
47961.559	31.441	32.614
24.404	1.023	
11/13/2016 12:00:00 PM	309600.000	70.671
17.379	159.193	41004.059
47989.738	31.461	32.633
24.388	1.023	
11/13/2016 12:15:00 PM	310500.000	70.659
17.383	159.167	40979.484
47956.766	31.438	32.611
24.402	1.023	
11/13/2016 12:30:00 PM	311400.000	70.654
17.387	159.154	41005.977
47983.555	31.457	32.629
24.387	1.023	
11/13/2016 12:45:00 PM	312300.000	70.651
17.384	159.148	40986.641
47963.543	31.443	32.615
24.398	1.023	
11/13/2016 1:00:00 PM	313200.000	70.644
17.378	159.132	40981.148
47963.391	31.442	32.615
24.401	1.023	
11/13/2016 1:15:00 PM	314100.000	70.634
17.380	159.111	40985.172
47965.941	31.444	32.617
24.399	1.023	
11/13/2016 1:30:00 PM	315000.000	70.624
17.383	159.087	40959.844
47933.871	31.421	32.595
24.414	1.023	
11/13/2016 1:45:00 PM	315900.000	70.605
17.384	159.045	40982.273
47958.531	31.439	32.612
24.401	1.023	
11/13/2016 2:00:00 PM	316800.000	70.600
17.391	159.034	40983.117
47951.656	31.434	32.607
24.400	1.023	
11/13/2016 2:15:00 PM	317700.000	70.584
17.378	158.998	40999.039
47984.707	31.458	32.630
24.391	1.023	

11/13/2016 2:30:00 PM	318600.000	70.574	
17.385	158.975	41015.047	
47996.219	31.467	32.637	
24.381	1.023		
11/13/2016 2:45:00 PM	319500.000	70.556	
17.384	158.934	41005.656	
47986.164	31.459	32.631	
24.387	1.023		
11/13/2016 3:00:00 PM	320400.000	70.549	
17.387	158.919	40973.477	
47944.867	31.429	32.603	
24.406	1.023		
11/13/2016 3:15:00 PM	321300.000	70.538	
17.387	158.893	40973.820	
47946.023	31.430	32.603	
24.406	1.023		
11/13/2016 3:30:00 PM	322200.000	70.528	
17.387	158.870	41012.922	
47990.934	31.463	32.634	
24.383	1.023		
11/13/2016 3:45:00 PM	323100.000	70.513	
17.386	158.837	41022.727	
48003.629	31.472	32.642	
24.377	1.023		
11/13/2016 4:00:00 PM	324000.000	70.506	
17.384	158.822	40988.582	
47965.629	31.444	32.617	
24.397	1.023		
11/13/2016 4:15:00 PM	324900.000	70.486	
17.384	158.776	41000.762	
47980.164	31.455	32.627	
24.390	1.023		
11/13/2016 4:30:00 PM	325800.000	70.487	
17.378	158.778	40992.688	
47976.805	31.452	32.624	
24.395	1.023		
11/13/2016 4:45:00 PM	326700.000	70.473	
17.382	158.748	40977.824	
47956.051	31.437	32.610	
24.403	1.023		
11/13/2016 5:00:00 PM	327600.000	70.466	
17.386	158.732	40999.594	
47976.641	31.452	32.624	
24.390	1.023		
11/13/2016 5:15:00 PM	328500.000	70.463	
17.385	158.725	41000.219	
47978.965	31.454	32.626	
24.390	1.023		
11/13/2016 5:30:00 PM	329400.000	70.456	
17.385	158.709	41005.820	
47984.777	31.458	32.630	
24.387	1.023		
11/13/2016 5:45:00 PM	330300.000	70.450	
17.387	158.695	40991.125	
47966.273	31.445	32.617	
24.396	1.023		
11/13/2016 6:00:00 PM	331200.000	70.451	

17.380	158.698	40994.375
47976.629	31.452	32.624
24.394	1.023	
11/13/2016 6:15:00 PM	332100.000	70.450
17.382	158.695	41006.348
47988.391	31.461	32.632
24.386	1.023	
11/13/2016 6:30:00 PM	333000.000	70.450
17.379	158.695	40986.105
47967.980	31.446	32.618
24.399	1.023	
11/13/2016 6:45:00 PM	333900.000	70.451
17.384	158.697	40990.148
47968.203	31.446	32.618
24.396	1.023	
11/13/2016 7:00:00 PM	334800.000	70.451
17.381	158.698	40972.836
47951.125	31.433	32.607
24.406	1.023	
11/13/2016 7:15:00 PM	335700.000	70.458
17.378	158.714	40984.160
47966.824	31.445	32.617
24.400	1.023	
11/13/2016 7:30:00 PM	336600.000	70.463
17.384	158.724	41003.973
47984.016	31.458	32.629
24.388	1.023	
11/13/2016 7:45:00 PM	337500.000	70.473
17.385	158.747	41005.211
47984.434	31.458	32.629
24.387	1.023	
11/13/2016 8:00:00 PM	338400.000	70.466
17.385	158.732	40990.555
47967.656	31.446	32.618
24.396	1.023	
11/13/2016 8:15:00 PM	339300.000	70.468
17.383	158.736	40960.758
47934.563	31.421	32.596
24.414	1.023	
11/13/2016 8:30:00 PM	340200.000	70.472
17.379	158.745	40987.129
47969.742	31.447	32.619
24.398	1.023	
11/13/2016 8:45:00 PM	341100.000	70.480
17.389	158.764	41010.285
47986.156	31.459	32.631
24.384	1.023	
11/13/2016 9:00:00 PM	342000.000	70.486
17.378	158.776	41008.164
47995.195	31.465	32.637
24.385	1.023	
11/13/2016 9:15:00 PM	342900.000	70.498
17.378	158.804	40995.250
47979.895	31.454	32.626
24.393	1.023	
11/13/2016 9:30:00 PM	343800.000	70.507
17.374	158.825	40962.051

47945.719	31.429	32.603	
24.413	1.023		
11/13/2016 9:45:00 PM	344700.000	70.514	
17.384	158.840	40986.984	
47963.855	31.443	32.615	
24.398	1.023		
11/13/2016 10:00:00 PM	345600.000	70.513	
17.387	158.838	40981.488	
47954.430	31.436	32.609	
24.401	1.023		
11/13/2016 10:15:00 PM	346500.000	70.524	
17.382	158.863	40975.980	
47953.039	31.435	32.608	
24.405	1.023		
11/13/2016 10:30:00 PM	347400.000	70.535	
17.376	158.887	41005.465	
47994.477	31.465	32.636	
24.387	1.023		
11/13/2016 10:45:00 PM	348300.000	70.535	
17.382	158.887	40999.816	
47981.789	31.456	32.628	
24.390	1.023		
11/13/2016 11:00:00 PM	349200.000	70.538	
17.382	158.894	40990.418	
47970.500	31.448	32.620	
24.396	1.023		
11/13/2016 11:15:00 PM	350100.000	70.559	
17.385	158.942	40990.172	
47966.367	31.445	32.617	
24.396	1.023		
11/13/2016 11:30:00 PM	351000.000	70.542	
17.381	158.903	40986.070	
47966.723	31.445	32.617	
24.399	1.023		
11/13/2016 11:45:00 PM	351900.000	70.551	
17.376	158.923	40972.230	
47955.578	31.436	32.610	
24.407	1.023		
11/14/2016 12:00:00 AM	352800.000	70.559	
17.385	158.940	40994.242	
47971.414	31.448	32.621	
24.394	1.023		
11/14/2016 12:15:00 AM	353700.000	70.558	
17.387	158.938	40979.484	
47952.555	31.435	32.608	
24.402	1.023		
11/14/2016 12:30:00 AM	354600.000	70.552	
17.380	158.926	41011.973	
47997.492	31.467	32.638	
24.383	1.023		
11/14/2016 12:45:00 AM	355500.000	70.551	
17.381	158.924	40978.488	
47956.906	31.438	32.611	
24.403	1.023		
11/14/2016 1:00:00 AM	356400.000	70.543	
17.382	158.904	40985.590	
47964.188	31.443	32.616	

24.399	1.023	
11/14/2016 1:15:00 AM	357300.000	70.546
17.383	158.911	40978.953
47955.480	31.437	32.610
24.403	1.023	
11/14/2016 1:30:00 AM	358200.000	70.546
17.386	158.911	40984.023
47958.340	31.439	32.612
24.400	1.023	
11/14/2016 1:45:00 AM	359100.000	70.543
17.379	158.906	40980.133
47961.828	31.441	32.614
24.402	1.023	
11/14/2016 2:00:00 AM	360000.000	70.544
17.383	158.907	40977.055
47953.445	31.435	32.608
24.404	1.023	
11/14/2016 2:15:00 AM	360900.000	70.546
17.380	158.912	41001.191
47984.500	31.458	32.629
24.390	1.023	
11/14/2016 2:30:00 AM	361800.000	70.540
17.380	158.897	40955.613
47931.453	31.419	32.593
24.417	1.023	
11/14/2016 2:45:00 AM	362700.000	70.524
17.376	158.863	40975.230
47958.523	31.438	32.612
24.405	1.023	
11/14/2016 3:00:00 AM	363600.000	70.530
17.378	158.876	40993.184
47977.387	31.452	32.625
24.394	1.023	
11/14/2016 3:15:00 AM	364500.000	70.522
17.378	158.858	41009.785
47997.195	31.467	32.638
24.384	1.023	
11/14/2016 3:30:00 AM	365400.000	70.515
17.384	158.841	40966.969
47940.434	31.426	32.599
24.410	1.023	
11/14/2016 3:45:00 AM	366300.000	70.517
17.382	158.846	40966.012
47941.188	31.426	32.600
24.410	1.023	
11/14/2016 4:00:00 AM	367200.000	70.509
17.383	158.828	40997.133
47976.859	31.452	32.624
24.392	1.023	
11/14/2016 4:15:00 AM	368100.000	70.513
17.387	158.838	41010.914
47989.430	31.462	32.633
24.384	1.023	
11/14/2016 4:30:00 AM	369000.000	70.508
17.383	158.826	40988.844
47967.055	31.445	32.618
24.397	1.023	

11/14/2016 4:45:00 AM	369900.000	70.508	17.387	158.827	40983.152
47956.379	31.438	32.610	24.400	1.023	
11/14/2016 5:00:00 AM	370800.000	70.508	17.385	158.827	41012.016
47992.582	31.464	32.635	24.383	1.023	
11/14/2016 5:15:00 AM	371700.000	70.514	17.382	158.840	40989.344
47969.340	31.447	32.619	24.397	1.023	
11/14/2016 5:30:00 AM	372600.000	70.517	17.386	158.846	40979.559
47952.926	31.435	32.608	24.402	1.023	
11/14/2016 5:45:00 AM	373500.000	70.519	17.382	158.851	41003.551
47986.156	31.459	32.631	24.388	1.023	
11/14/2016 6:00:00 AM	374400.000	70.520	17.378	158.854	40982.082
47964.859	31.443	32.616	24.401	1.023	
11/14/2016 6:15:00 AM	375300.000	70.522	17.376	158.857	40989.539
47975.180	31.451	32.623	24.396	1.023	
11/14/2016 6:30:00 AM	376200.000	70.530	17.384	158.876	41001.855
47981.824	31.456	32.628	24.389	1.023	
11/14/2016 6:45:00 AM	377100.000	70.538	17.378	158.895	40982.137
47964.547	31.443	32.616	24.401	1.023	
11/14/2016 7:00:00 AM	378000.000	70.542	17.390	158.903	40989.449
47960.559	31.441	32.613	24.397	1.023	
11/14/2016 7:15:00 AM	378900.000	70.551	17.387	158.923	40998.637
47974.219	31.451	32.622	24.391	1.023	
11/14/2016 7:30:00 AM	379800.000	70.562	17.388	158.949	40988.129
47961.551	31.441	32.614	24.397	1.023	
11/14/2016 7:45:00 AM	380700.000	70.568	17.381	158.960	40963.398
47939.543	31.425	32.599	24.412	1.023	
11/14/2016 8:00:00 AM	381600.000	70.571	17.386	158.969	41010.129
47988.602	31.461	32.632	24.384	1.023	
11/14/2016 8:15:00 AM	382500.000	70.586			

17.376	159.001	41000.301
47988.156	31.460	32.632
24.390	1.023	
11/14/2016 8:30:00 AM	383400.000	70.600
17.391	159.034	41001.148
47972.656	31.450	32.621
24.390	1.023	
11/14/2016 8:45:00 AM	384300.000	70.609
17.382	159.055	40991.613
47972.188	31.449	32.621
24.395	1.023	
11/14/2016 9:00:00 AM	385200.000	70.620
17.382	159.079	40988.340
47967.594	31.445	32.618
24.397	1.023	
11/14/2016 9:15:00 AM	386100.000	70.634
17.385	159.111	40969.711
47943.078	31.428	32.601
24.408	1.023	
11/14/2016 9:30:00 AM	387000.000	70.637
17.384	159.116	40993.547
47972.289	31.449	32.621
24.394	1.023	
11/14/2016 9:45:00 AM	387900.000	70.647
17.377	159.139	40979.098
47962.020	31.441	32.614
24.403	1.023	
11/14/2016 10:00:00 AM	388800.000	70.661
17.387	159.172	40976.605
47948.438	31.432	32.605
24.404	1.023	
11/14/2016 10:15:00 AM	389700.000	70.666
17.390	159.182	40995.531
47967.961	31.446	32.618
24.393	1.023	
11/14/2016 10:30:00 AM	390600.000	70.676
17.377	159.205	40969.656
47951.445	31.433	32.607
24.408	1.023	
11/14/2016 10:45:00 AM	391500.000	70.682
17.382	159.218	40990.113
47969.578	31.447	32.619
24.396	1.023	
11/14/2016 11:00:00 AM	392400.000	70.693
17.383	159.243	40956.355
47929.598	31.418	32.592
24.416	1.023	
11/14/2016 11:15:00 AM	393300.000	70.688
17.385	159.232	41011.660
47992.070	31.463	32.635
24.383	1.023	
11/14/2016 11:30:00 AM	394200.000	70.689
17.380	159.233	40972.250
47950.629	31.433	32.606
24.407	1.023	
11/14/2016 11:45:00 AM	395100.000	70.689
17.385	159.235	41001.813

47980.273	31.455	32.627	
24.389	1.023		
11/14/2016 12:00:00 PM	396000.000	70.691	
17.387	159.238	41004.777	
47981.969	31.456	32.628	
24.387	1.023		
11/14/2016 12:15:00 PM	396900.000	70.690	
17.385	159.237	41035.828	
48020.449	31.484	32.654	
24.369	1.023		
11/14/2016 12:30:00 PM	397800.000	70.693	
17.390	159.243	40979.184	
47948.734	31.432	32.605	
24.403	1.023		
11/14/2016 12:45:00 PM	398700.000	70.678	
17.379	159.210	40996.375	
47980.934	31.455	32.627	
24.392	1.023		
11/14/2016 1:00:00 PM	399600.000	70.676	
17.381	159.204	40990.344	
47970.969	31.448	32.620	
24.396	1.023		
11/14/2016 1:15:00 PM	400500.000	70.659	
17.383	159.167	41009.223	
47991.566	31.463	32.634	
24.385	1.023		
11/14/2016 1:30:00 PM	401400.000	70.658	
17.389	159.165	40988.582	
47960.574	31.441	32.613	
24.397	1.023		
11/14/2016 1:45:00 PM	402300.000	70.643	
17.387	159.130	40986.082	
47960.273	31.440	32.613	
24.399	1.023		
11/14/2016 2:00:00 PM	403200.000	70.631	
17.382	159.102	40975.961	
47952.918	31.435	32.608	
24.405	1.023		
11/14/2016 2:15:00 PM	404100.000	70.625	
17.388	159.091	40984.117	
47956.934	31.438	32.611	
24.400	1.023		
11/14/2016 2:30:00 PM	405000.000	70.619	
17.388	159.077	40996.965	
47971.512	31.449	32.621	
24.392	1.023		
11/14/2016 2:45:00 PM	405900.000	70.602	
17.385	159.038	41005.500	
47985.238	31.458	32.630	
24.387	1.023		
11/14/2016 3:00:00 PM	406800.000	70.574	
17.386	158.974	41001.055	
47978.539	31.454	32.625	
24.390	1.023		
11/14/2016 3:15:00 PM	407700.000	70.573	
17.383	158.973	41035.906	
48022.234	31.485	32.655	

24.369	1.023	
11/14/2016 3:30:00 PM	408600.000	70.558
17.389	158.938	41020.715
47998.637	31.469	32.639
24.378	1.023	
11/14/2016 3:45:00 PM	409500.000	70.542
17.389	158.903	41000.914
47974.625	31.451	32.623
24.390	1.023	
11/14/2016 4:00:00 PM	410400.000	70.535
17.382	158.888	40945.934
47917.875	31.409	32.584
24.422	1.023	
11/14/2016 4:15:00 PM	411300.000	70.519
17.382	158.851	40990.992
47971.082	31.448	32.620
24.396	1.023	
11/14/2016 4:30:00 PM	412200.000	70.502
17.387	158.813	41017.379
47996.527	31.467	32.638
24.380	1.023	
11/14/2016 4:45:00 PM	413100.000	70.507
17.383	158.824	40976.105
47951.957	31.434	32.607
24.404	1.023	
11/14/2016 5:00:00 PM	414000.000	70.487
17.383	158.778	41034.879
48021.223	31.485	32.654
24.370	1.023	
11/14/2016 5:15:00 PM	414900.000	70.472
17.378	158.746	41003.742
47989.645	31.461	32.633
24.388	1.023	
11/14/2016 5:30:00 PM	415800.000	70.462
17.373	158.722	40996.070
47986.941	31.459	32.631
24.393	1.023	
11/14/2016 5:45:00 PM	416700.000	70.457
17.384	158.712	41013.414
47994.598	31.465	32.636
24.382	1.023	
11/14/2016 6:00:00 PM	417600.000	70.451
17.382	158.698	40972.805
47949.227	31.432	32.605
24.406	1.023	
11/14/2016 6:15:00 PM	418500.000	70.451
17.384	158.698	40995.223
47973.586	31.450	32.622
24.393	1.023	
11/14/2016 6:30:00 PM	419400.000	70.433
17.386	158.658	41003.160
47980.543	31.455	32.627
24.388	1.023	
11/14/2016 6:45:00 PM	420300.000	70.430
17.383	158.651	40993.969
47973.805	31.450	32.622
24.394	1.023	

11/14/2016 7:00:00 PM	421200.000	70.435	
17.385	158.663	41038.754	
48023.129	31.486	32.656	
24.367	1.023		
11/14/2016 7:15:00 PM	422100.000	70.432	
17.383	158.654	40994.984	
47974.996	31.451	32.623	
24.393	1.023		
11/14/2016 7:30:00 PM	423000.000	70.437	
17.389	158.667	41023.176	
48000.586	31.470	32.640	
24.376	1.023		
11/14/2016 7:45:00 PM	423900.000	70.436	
17.381	158.664	40999.836	
47982.266	31.456	32.628	
24.390	1.023		
11/14/2016 8:00:00 PM	424800.000	70.436	
17.387	158.664	40983.957	
47957.883	31.439	32.611	
24.400	1.023		
11/14/2016 8:15:00 PM	425700.000	70.442	
17.379	158.677	40984.871	
47966.992	31.445	32.618	
24.399	1.023		
11/14/2016 8:30:00 PM	426600.000	70.447	
17.382	158.688	41019.672	
48004.645	31.473	32.643	
24.379	1.023		
11/14/2016 8:45:00 PM	427500.000	70.444	
17.382	158.682	40993.504	
47973.637	31.450	32.622	
24.394	1.023		
11/14/2016 9:00:00 PM	428400.000	70.456	
17.380	158.710	40988.359	
47969.859	31.447	32.620	
24.397	1.023		
11/14/2016 9:15:00 PM	429300.000	70.462	
17.383	158.722	41010.426	
47992.977	31.464	32.635	
24.384	1.023		
11/14/2016 9:30:00 PM	430200.000	70.466	
17.383	158.732	41028.914	
48014.609	31.480	32.650	
24.373	1.023		
11/14/2016 9:45:00 PM	431100.000	70.481	
17.381	158.765	41016.496	
48001.762	31.470	32.641	
24.380	1.023		
11/14/2016 10:00:00 PM	432000.000	70.484	
17.380	158.771	41030.082	
48018.793	31.483	32.653	
24.372	1.023		
11/14/2016 10:15:00 PM	432900.000	70.493	
17.388	158.793	40995.031	
47969.707	31.447	32.619	
24.393	1.023		
11/14/2016 10:30:00 PM	433800.000	70.493	

17.379	158.792	41012.945
47999.957	31.469	32.640
24.383	1.023	
11/14/2016 10:45:00 PM	434700.000	70.504
17.380	158.817	41036.020
48025.742	31.488	32.658
24.369	1.023	
11/14/2016 11:00:00 PM	435600.000	70.515
17.384	158.843	40965.773
47939.598	31.425	32.599
24.411	1.023	
11/14/2016 11:15:00 PM	436500.000	70.517
17.383	158.846	41018.703
48002.188	31.471	32.641
24.379	1.023	
11/14/2016 11:30:00 PM	437400.000	70.530
17.382	158.876	40992.973
47972.738	31.449	32.621
24.394	1.023	
11/14/2016 11:45:00 PM	438300.000	70.528
17.383	158.872	40999.402
47979.785	31.454	32.626
24.391	1.023	
11/15/2016 12:00:00 AM	439200.000	70.538
17.384	158.893	40999.668
47979.266	31.454	32.626
24.390	1.023	
11/15/2016 12:15:00 AM	440100.000	70.538
17.381	158.893	41013.313
47998.223	31.468	32.639
24.382	1.023	
11/15/2016 12:30:00 AM	441000.000	70.552
17.380	158.926	41011.598
47997.441	31.467	32.638
24.383	1.023	
11/15/2016 12:45:00 AM	441900.000	70.546
17.384	158.911	40979.074
47954.785	31.436	32.609
24.403	1.023	
11/15/2016 1:00:00 AM	442800.000	70.551
17.379	158.924	40977.289
47957.660	31.438	32.611
24.404	1.023	
11/15/2016 1:15:00 AM	443700.000	70.545
17.380	158.910	41011.102
47996.582	31.466	32.638
24.384	1.023	
11/15/2016 1:30:00 AM	444600.000	70.554
17.380	158.929	40985.191
47966.535	31.445	32.617
24.399	1.023	
11/15/2016 1:45:00 AM	445500.000	70.558
17.378	158.939	41001.164
47986.816	31.459	32.631
24.390	1.023	
11/15/2016 2:00:00 AM	446400.000	70.556
17.380	158.935	40950.875

47926.453	31.415	32.590	
24.420	1.023		
11/15/2016 2:15:00 AM	447300.000	70.556	
17.382	158.935	41003.867	
47986.422	31.459	32.631	
24.388	1.023		
11/15/2016 2:30:00 AM	448200.000	70.551	
17.383	158.923	40990.523	
47969.125	31.447	32.619	
24.396	1.023		
11/15/2016 2:45:00 AM	449100.000	70.552	
17.381	158.925	41013.496	
47998.629	31.468	32.639	
24.382	1.023		
11/15/2016 3:00:00 AM	450000.000	70.545	
17.378	158.909	40985.820	
47968.766	31.446	32.619	
24.399	1.023		
11/15/2016 3:15:00 AM	450900.000	70.539	
17.379	158.896	41007.500	
47993.211	31.464	32.635	
24.386	1.023		
11/15/2016 3:30:00 AM	451800.000	70.538	
17.389	158.895	41024.785	
48002.742	31.472	32.642	
24.376	1.023		
11/15/2016 3:45:00 AM	452700.000	70.530	
17.385	158.876	40980.098	
47954.488	31.436	32.609	
24.402	1.023		
11/15/2016 4:00:00 AM	453600.000	70.531	
17.386	158.877	40987.285	
47962.531	31.442	32.615	
24.398	1.023		
11/15/2016 4:15:00 AM	454500.000	70.536	
17.380	158.890	40994.844	
47978.102	31.453	32.625	
24.393	1.023		
11/15/2016 4:30:00 AM	455400.000	70.530	
17.381	158.875	40982.352	
47962.074	31.441	32.614	
24.401	1.023		
11/15/2016 4:45:00 AM	456300.000	70.519	
17.382	158.852	41009.457	
47992.215	31.463	32.635	
24.385	1.023		
11/15/2016 5:00:00 AM	457200.000	70.523	
17.380	158.860	41029.832	
48018.207	31.482	32.652	
24.373	1.023		
11/15/2016 5:15:00 AM	458100.000	70.519	
17.375	158.851	40957.367	
47939.023	31.424	32.599	
24.416	1.023		
11/15/2016 5:30:00 AM	459000.000	70.520	
17.388	158.852	41011.582	
47988.137	31.461	32.632	

24.383	1.023		
11/15/2016 5:45:00 AM	459900.000	70.530	
17.381	158.876	40995.133	
47976.863	31.452	32.624	
24.393	1.023		
11/15/2016 6:00:00 AM	460800.000	70.523	
17.383	158.859	40980.328	
47957.090	31.438	32.611	
24.402	1.023		
11/15/2016 6:15:00 AM	461700.000	70.530	
17.385	158.876	41014.172	
47994.641	31.465	32.636	
24.382	1.023		
11/15/2016 6:30:00 AM	462600.000	70.529	
17.382	158.874	41007.543	
47990.543	31.462	32.634	
24.386	1.023		
11/15/2016 6:45:00 AM	463500.000	70.541	
17.386	158.900	40994.527	
47970.441	31.448	32.620	
24.393	1.023		
11/15/2016 7:00:00 AM	464400.000	70.539	
17.381	158.896	41005.910	
47989.645	31.461	32.633	
24.387	1.023		
11/15/2016 7:15:00 AM	465300.000	70.542	
17.384	158.903	41012.277	
47994.102	31.465	32.636	
24.383	1.023		
11/15/2016 7:30:00 AM	466200.000	70.551	
17.384	158.923	41022.406	
48006.063	31.474	32.644	
24.377	1.023		
11/15/2016 7:45:00 AM	467100.000	70.556	
17.384	158.934	40980.293	
47956.305	31.437	32.610	
24.402	1.023		
11/15/2016 8:00:00 AM	468000.000	70.572	
17.376	158.969	41023.555	
48016.020	31.480	32.651	
24.376	1.023		
11/15/2016 8:15:00 AM	468900.000	70.574	
17.387	158.974	41032.438	
48014.336	31.480	32.650	
24.371	1.023		
11/15/2016 8:30:00 AM	469800.000	70.579	
17.383	158.985	41018.348	
48001.500	31.470	32.641	
24.379	1.023		
11/15/2016 8:45:00 AM	470700.000	70.592	
17.382	159.016	41021.453	
48007.109	31.474	32.645	
24.377	1.023		
11/15/2016 9:00:00 AM	471600.000	70.607	
17.382	159.049	40994.078	
47974.031	31.450	32.622	
24.394	1.023		

11/15/2016 9:15:00 AM	472500.000	70.618	
17.379	159.074	41012.477	
47999.680	31.469	32.640	
24.383	1.023		
11/15/2016 9:30:00 AM	473400.000	70.630	
17.390	159.102	41017.109	
47992.922	31.464	32.635	
24.380	1.023		
11/15/2016 9:45:00 AM	474300.000	70.635	
17.376	159.111	41000.949	
47989.004	31.461	32.633	
24.390	1.023		
11/15/2016 10:00:00 AM	475200.000	70.643	
17.381	159.130	41018.348	
48003.848	31.472	32.643	
24.379	1.023		
11/15/2016 10:15:00 AM	476100.000	70.655	
17.382	159.157	40995.898	
47976.727	31.452	32.624	
24.393	1.023		
11/15/2016 10:30:00 AM	477000.000	70.665	
17.388	159.181	41022.652	
48001.477	31.471	32.641	
24.377	1.023		
11/15/2016 10:45:00 AM	477900.000	70.671	
17.383	159.194	40985.531	
47963.473	31.442	32.615	
24.399	1.023		
11/15/2016 11:00:00 AM	478800.000	70.677	
17.386	159.207	40999.945	
47977.527	31.453	32.625	
24.390	1.023		
11/15/2016 11:15:00 AM	479700.000	70.691	
17.383	159.238	41028.496	
48013.457	31.479	32.649	
24.373	1.023		
11/15/2016 11:30:00 AM	480600.000	70.694	
17.379	159.246	40996.617	
47980.848	31.455	32.627	
24.392	1.023		
11/15/2016 11:45:00 AM	481500.000	70.698	
17.381	159.254	40932.934	
47903.781	31.399	32.575	
24.430	1.023		
11/15/2016 12:00:00 PM	482400.000	70.703	
17.385	159.266	41010.047	
47990.277	31.462	32.633	
24.384	1.023		
11/15/2016 12:15:00 PM	483300.000	70.706	
17.370	159.273	40984.566	
47976.375	31.451	32.624	
24.399	1.023		
11/15/2016 12:30:00 PM	484200.000	70.706	
17.377	159.273	41003.063	
47989.977	31.462	32.633	
24.388	1.023		
11/15/2016 12:45:00 PM	485100.000	70.704	

17.383	159.269	40994.301
47973.547	31.450	32.622
24.394	1.023	
11/15/2016 1:00:00 PM	486000.000	70.695
17.375	159.248	40970.137
47954.156	31.435	32.609
24.408	1.023	
11/15/2016 1:15:00 PM	486900.000	70.690
17.387	159.237	41028.707
48009.871	31.477	32.647
24.373	1.023	
11/15/2016 1:30:00 PM	487800.000	70.689
17.379	159.233	40997.086
47981.398	31.455	32.627
24.392	1.023	
11/15/2016 1:45:00 PM	488700.000	70.680
17.383	159.214	41006.055
47987.758	31.460	32.632
24.387	1.023	
11/15/2016 2:00:00 PM	489600.000	70.672
17.382	159.196	40974.656
47952.152	31.434	32.607
24.405	1.023	
11/15/2016 2:15:00 PM	490500.000	70.666
17.379	159.182	40983.418
47965.582	31.444	32.617
24.400	1.023	
11/15/2016 2:30:00 PM	491400.000	70.658
17.380	159.165	40999.535
47983.402	31.457	32.629
24.391	1.023	
11/15/2016 2:45:00 PM	492300.000	70.647
17.385	159.140	40992.250
47969.641	31.447	32.619
24.395	1.023	
11/15/2016 3:00:00 PM	493200.000	70.634
17.384	159.111	41027.805
48011.527	31.478	32.648
24.374	1.023	
11/15/2016 3:15:00 PM	494100.000	70.617
17.380	159.071	41010.715
47995.941	31.466	32.637
24.384	1.023	
11/15/2016 3:30:00 PM	495000.000	70.602
17.384	159.037	41001.906
47982.070	31.456	32.628
24.389	1.023	
11/15/2016 3:45:00 PM	495900.000	70.591
17.391	159.014	40990.020
47960.395	31.441	32.613
24.396	1.023	
11/15/2016 4:00:00 PM	496800.000	70.581
17.380	158.990	41019.719
48006.945	31.474	32.645
24.379	1.023	
11/15/2016 4:15:00 PM	497700.000	70.561
17.382	158.946	40986.281

47965.945	31.444	32.617	24.398	1.023
11/15/2016 4:30:00 PM	498600.000	70.552	17.384	158.926
41037.594	48023.832	31.487	32.656	24.368
1.023	11/15/2016 4:45:00 PM	499500.000	70.535	17.389
158.888	41031.809	48011.617	31.478	32.648
24.371	1.023	11/15/2016 5:00:00 PM	500400.000	70.534
17.389	158.884	40972.785	47942.383	31.427
32.601	24.406	1.023	11/15/2016 5:15:00 PM	501300.000
70.509	17.380	158.829	41011.465	47996.523
31.466	32.638	24.383	1.023	11/15/2016 5:30:00 PM
502200.000	70.498	17.393	158.804	40989.980
47958.105	31.439	32.612	24.396	1.023
11/15/2016 5:45:00 PM	503100.000	70.486	17.385	158.778
41001.617	47980.695	31.455	32.627	24.389
1.023	11/15/2016 6:00:00 PM	504000.000	70.468	17.382
158.736	40989.555	47968.926	31.446	32.619
24.396	1.023	11/15/2016 6:15:00 PM	504900.000	70.463
17.382	158.725	41014.805	47999.039	31.468
32.639	24.381	1.023	11/15/2016 6:30:00 PM	505800.000
70.457	17.382	158.712	40970.066	47946.305
31.430	32.603	24.408	1.023	11/15/2016 6:45:00 PM
506700.000	70.445	17.382	158.684	41001.133
47982.852	31.457	32.628	24.390	1.023
11/15/2016 7:00:00 PM	507600.000	70.436	17.379	158.665
40998.395	47982.820	31.456	32.628	24.391
1.023	11/15/2016 7:15:00 PM	508500.000	70.427	17.392
158.643	41013.035	47986.012	31.459	32.630
24.382	1.023	11/15/2016 7:30:00 PM	509400.000	70.438
17.381	158.667	40990.035	47970.609	31.448
32.620	24.396	1.023	11/15/2016 7:45:00 PM	510300.000
70.432	17.381	158.654	41026.090	48013.555
31.479	32.649

24.375	1.023	
11/15/2016 8:00:00 PM	511200.000	70.429
17.386	158.649	40980.418
47954.016	31.436	32.609
24.402	1.023	
11/15/2016 8:15:00 PM	512100.000	70.423
17.383	158.634	41019.320
48002.531	31.471	32.642
24.379	1.023	
11/15/2016 8:30:00 PM	513000.000	70.418
17.385	158.623	41010.379
47990.855	31.463	32.634
24.384	1.023	
11/15/2016 8:45:00 PM	513900.000	70.425
17.382	158.639	41008.727
47991.359	31.463	32.634
24.385	1.023	
11/15/2016 9:00:00 PM	514800.000	70.429
17.379	158.648	41001.227
47985.762	31.459	32.630
24.390	1.023	
11/15/2016 9:15:00 PM	515700.000	70.437
17.381	158.667	40992.398
47973.563	31.450	32.622
24.395	1.023	
11/15/2016 9:30:00 PM	516600.000	70.447
17.377	158.688	40997.375
47983.789	31.457	32.629
24.392	1.023	
11/15/2016 9:45:00 PM	517500.000	70.436
17.381	158.665	41003.035
47985.930	31.459	32.630
24.388	1.023	
11/15/2016 10:00:00 PM	518400.000	70.449
17.390	158.693	41039.930
48019.246	31.484	32.653
24.367	1.023	
11/15/2016 10:15:00 PM	519300.000	70.458
17.384	158.714	40996.281
47974.547	31.451	32.623
24.392	1.023	
11/15/2016 10:30:00 PM	520200.000	70.461
17.383	158.720	41024.402
48008.855	31.476	32.646
24.376	1.023	
11/15/2016 10:45:00 PM	521100.000	70.466
17.391	158.732	41012.820
47986.406	31.460	32.631
24.383	1.023	
11/15/2016 11:00:00 PM	522000.000	70.474
17.381	158.749	41009.484
47993.656	31.464	32.636
24.385	1.023	
11/15/2016 11:15:00 PM	522900.000	70.484
17.378	158.772	40989.555
47973.793	31.450	32.622
24.396	1.023	

11/15/2016 11:30:00 PM	523800.000	70.499	
17.383	158.806	41019.984	
48003.309	31.472	32.642	
24.378	1.023		
11/15/2016 11:45:00 PM	524700.000	70.503	
17.389	158.816	40996.344	
47969.465	31.447	32.619	
24.392	1.023		
11/16/2016 12:00:00 AM	525600.000	70.512	
17.386	158.835	41005.305	
47982.957	31.457	32.628	
24.387	1.023		
11/16/2016 12:15:00 AM	526500.000	70.515	
17.387	158.842	40993.727	
47968.938	31.447	32.619	
24.394	1.023		
11/16/2016 12:30:00 AM	527400.000	70.530	
17.385	158.876	41009.684	
47990.133	31.462	32.633	
24.384	1.023		
11/16/2016 12:45:00 AM	528300.000	70.526	
17.385	158.866	40983.879	
47959.289	31.440	32.612	
24.400	1.023		
11/16/2016 1:00:00 AM	529200.000	70.535	
17.374	158.887	41019.418	
48012.305	31.478	32.648	
24.379	1.023		
11/16/2016 1:15:00 AM	530100.000	70.542	
17.375	158.903	40979.203	
47964.582	31.443	32.616	
24.403	1.023		
11/16/2016 1:30:00 AM	531000.000	70.542	
17.373	158.903	41017.848	
48012.434	31.478	32.648	
24.380	1.023		
11/16/2016 1:45:00 AM	531900.000	70.552	
17.377	158.926	41026.605	
48018.098	31.482	32.652	
24.374	1.023		
11/16/2016 2:00:00 AM	532800.000	70.549	
17.382	158.919	40995.281	
47976.191	31.452	32.624	
24.393	1.023		
11/16/2016 2:15:00 AM	533700.000	70.551	
17.383	158.924	41017.000	
48000.004	31.469	32.640	
24.380	1.023		
11/16/2016 2:30:00 AM	534600.000	70.551	
17.379	158.923	41017.633	
48005.258	31.473	32.644	
24.380	1.023		
11/16/2016 2:45:00 AM	535500.000	70.556	
17.379	158.934	41021.359	
48009.324	31.476	32.646	
24.378	1.023		
11/16/2016 3:00:00 AM	536400.000	70.562	

17.381	158.947	41011.813
47996.281	31.466	32.637
24.383	1.023	
11/16/2016 3:15:00 AM	537300.000	70.558
17.378	158.940	41030.551
48021.684	31.485	32.655
24.372	1.023	
11/16/2016 3:30:00 AM	538200.000	70.558
17.382	158.940	41014.957
47998.742	31.468	32.639
24.381	1.023	
11/16/2016 3:45:00 AM	539100.000	70.556
17.384	158.935	40995.621
47974.422	31.451	32.623
24.393	1.023	
11/16/2016 4:00:00 AM	540000.000	70.557
17.377	158.936	41037.449
48030.223	31.491	32.661
24.368	1.023	
11/16/2016 4:15:00 AM	540900.000	70.558
17.388	158.939	41038.090
48019.820	31.484	32.653
24.368	1.023	
11/16/2016 4:30:00 AM	541800.000	70.558
17.383	158.939	41014.973
47997.820	31.468	32.639
24.381	1.023	
11/16/2016 4:45:00 AM	542700.000	70.552
17.379	158.926	41011.582
47997.879	31.467	32.639
24.383	1.023	
11/16/2016 5:00:00 AM	543600.000	70.545
17.388	158.909	41032.563
48013.453	31.479	32.649
24.371	1.023	
11/16/2016 5:15:00 AM	544500.000	70.540
17.384	158.897	40990.988
47968.730	31.446	32.619
24.396	1.023	
11/16/2016 5:30:00 AM	545400.000	70.544
17.380	158.907	40977.859
47957.953	31.438	32.611
24.403	1.023	
11/16/2016 5:45:00 AM	546300.000	70.538
17.381	158.894	41017.648
48003.031	31.471	32.642
24.380	1.023	
11/16/2016 6:00:00 AM	547200.000	70.544
17.381	158.907	41025.117
48012.230	31.478	32.648
24.375	1.023	
11/16/2016 6:15:00 AM	548100.000	70.552
17.381	158.926	41009.750
47993.492	31.464	32.636
24.384	1.023	
11/16/2016 6:30:00 AM	549000.000	70.551
17.376	158.923	40993.453

47979.762	31.454	32.626	24.394	1.023	
11/16/2016 6:45:00 AM	549900.000	70.552	17.380	158.926	40989.555
47971.828	31.448	32.621	24.396	1.023	
11/16/2016 7:00:00 AM	550800.000	70.551	17.377	158.923	41010.137
47998.914	31.468	32.639	24.384	1.023	
11/16/2016 7:15:00 AM	551700.000	70.551	17.381	158.923	41009.211
47992.863	31.464	32.635	24.385	1.023	
11/16/2016 7:30:00 AM	552600.000	70.559	17.371	158.940	40957.336
47943.020	31.427	32.601	24.416	1.023	
11/16/2016 7:45:00 AM	553500.000	70.557	17.377	158.937	41003.582
47990.863	31.462	32.634	24.388	1.023	
11/16/2016 8:00:00 AM	554400.000	70.567	17.383	158.959	40981.777
47959.449	31.440	32.612	24.401	1.023	
11/16/2016 8:15:00 AM	555300.000	70.571	17.386	158.969	40991.824
47967.363	31.445	32.618	24.395	1.023	
11/16/2016 8:30:00 AM	556200.000	70.585	17.383	158.999	40981.684
47958.484	31.439	32.612	24.401	1.023	
11/16/2016 8:45:00 AM	557100.000	70.590	17.384	159.012	41016.348
47998.496	31.468	32.639	24.381	1.023	
11/16/2016 9:00:00 AM	558000.000	70.596	17.386	159.024	41004.902
47982.961	31.457	32.628	24.387	1.023	
11/16/2016 9:15:00 AM	558900.000	70.610	17.379	159.056	40982.047
47963.230	31.442	32.615	24.401	1.023	
11/16/2016 9:30:00 AM	559800.000	70.619	17.379	159.077	40992.449
47975.488	31.451	32.623	24.395	1.023	
11/16/2016 9:45:00 AM	560700.000	70.628	17.375	159.097	40980.293
47965.570	31.444	32.617	24.402	1.023	
11/16/2016 10:00:00 AM	561600.000	70.633	17.379	159.108	41016.305
48004.160	31.472	32.643			

24.381	1.023	
11/16/2016 10:15:00 AM	562500.000	70.642
17.382	159.128	41010.762
47993.645	31.464	32.636
24.384	1.023	
11/16/2016 10:30:00 AM	563400.000	70.655
17.383	159.157	40963.793
47937.551	31.424	32.598
24.412	1.023	
11/16/2016 10:45:00 AM	564300.000	70.666
17.385	159.182	41015.004
47995.980	31.466	32.637
24.381	1.023	
11/16/2016 11:00:00 AM	565200.000	70.676
17.386	159.204	41018.684
47999.168	31.469	32.639
24.379	1.023	
11/16/2016 11:15:00 AM	566100.000	70.689
17.380	159.233	41009.816
47995.625	31.466	32.637
24.384	1.023	
11/16/2016 11:30:00 AM	567000.000	70.688
17.385	159.231	40973.070
47946.453	31.430	32.604
24.406	1.023	
11/16/2016 11:45:00 AM	567900.000	70.708
17.374	159.277	40983.816
47971.563	31.448	32.621
24.400	1.023	
11/16/2016 12:00:00 PM	568800.000	70.699
17.381	159.257	40997.801
47980.262	31.455	32.627
24.392	1.023	
11/16/2016 12:15:00 PM	569700.000	70.715
17.379	159.293	41007.840
47993.500	31.464	32.636
24.386	1.023	
11/16/2016 12:30:00 PM	570600.000	70.713
17.389	159.287	41015.500
47991.879	31.464	32.634
24.381	1.023	
11/16/2016 12:45:00 PM	571500.000	70.720
17.379	159.303	40996.992
47981.098	31.455	32.627
24.392	1.023	
11/16/2016 1:00:00 PM	572400.000	70.719
17.384	159.302	41011.844
47992.945	31.464	32.635
24.383	1.023	
11/16/2016 1:15:00 PM	573300.000	70.712
17.372	159.286	40986.820
47976.680	31.451	32.624
24.398	1.023	
11/16/2016 1:30:00 PM	574200.000	70.712
17.383	159.286	40997.035
47977.305	31.453	32.625
24.392	1.023	

11/16/2016 1:45:00 PM	575100.000	70.715	17.384	159.292
41011.906	47993.586	31.465	32.636	24.383
1.023				
11/16/2016 2:00:00 PM	576000.000	70.717	17.388	159.298
41007.086	47983.730	31.458	32.629	24.386
1.023				
11/16/2016 2:15:00 PM	576900.000	70.706	17.378	159.273
41033.676	48024.680	31.487	32.657	24.370
1.023				
11/16/2016 2:30:00 PM	577800.000	70.697	17.380	159.253
41012.215	47998.242	31.468	32.639	24.383
1.023				
11/16/2016 2:45:00 PM	578700.000	70.695	17.380	159.248
40985.688	47966.652	31.445	32.617	24.399
1.023				
11/16/2016 3:00:00 PM	579600.000	70.684	17.383	159.224
41012.254	47994.641	31.465	32.636	24.383
1.023				
11/16/2016 3:15:00 PM	580500.000	70.677	17.383	159.207
40989.070	47967.801	31.446	32.618	24.397
1.023				
11/16/2016 3:30:00 PM	581400.000	70.667	17.385	159.185
41029.773	48013.176	31.479	32.649	24.373
1.023				
11/16/2016 3:45:00 PM	582300.000	70.648	17.391	159.141
41017.664	47992.926	31.464	32.635	24.380
1.023				
11/16/2016 4:00:00 PM	583200.000	70.640	17.380	159.123
41015.910	48002.297	31.471	32.642	24.381
1.023				
11/16/2016 4:15:00 PM	584100.000	70.617	17.378	159.071
40972.285	47952.828	31.434	32.608	24.407
1.023				
11/16/2016 4:30:00 PM	585000.000	70.609	17.381	159.053
40992.008	47972.730	31.449	32.621	24.395
1.023				
11/16/2016 4:45:00 PM	585900.000	70.596	17.386	159.024
41029.035	48011.656	31.478	32.648	24.373
1.023				
11/16/2016 5:00:00 PM	586800.000	70.586	17.389	159.002
41019.617	47996.508	31.467	32.638	24.379
1.023				
11/16/2016 5:15:00 PM	587700.000	70.567		

17.382	158.960	41020.535
48005.844	31.473	32.644
24.378	1.023	
11/16/2016 5:30:00 PM	588600.000	70.572
17.380	158.969	40988.734
47970.871	31.448	32.620
24.397	1.023	
11/16/2016 5:45:00 PM	589500.000	70.540
17.377	158.897	41048.512
48043.449	31.501	32.670
24.361	1.023	
11/16/2016 6:00:00 PM	590400.000	70.530
17.387	158.875	41011.055
47989.215	31.462	32.633
24.384	1.023	
11/16/2016 6:15:00 PM	591300.000	70.512
17.377	158.835	41009.074
47997.582	31.467	32.638
24.385	1.023	
11/16/2016 6:30:00 PM	592200.000	70.506
17.375	158.822	40987.801
47974.734	31.450	32.623
24.398	1.023	
11/16/2016 6:45:00 PM	593100.000	70.488
17.379	158.780	40990.785
47973.914	31.450	32.622
24.396	1.023	
11/16/2016 7:00:00 PM	594000.000	70.478
17.388	158.759	41027.105
48006.777	31.474	32.645
24.374	1.023	
11/16/2016 7:15:00 PM	594900.000	70.481
17.389	158.765	41006.992
47981.648	31.456	32.628
24.386	1.023	
11/16/2016 7:30:00 PM	595800.000	70.467
17.380	158.735	41023.969
48011.344	31.477	32.648
24.376	1.023	
11/16/2016 7:45:00 PM	596700.000	70.461
17.378	158.719	41003.578
47989.641	31.461	32.633
24.388	1.023	
11/16/2016 8:00:00 PM	597600.000	70.449
17.388	158.693	41042.789
48024.852	31.488	32.657
24.365	1.023	
11/16/2016 8:15:00 PM	598500.000	70.445
17.389	158.684	41042.859
48023.617	31.487	32.656
24.365	1.023	
11/16/2016 8:30:00 PM	599400.000	70.451
17.383	158.698	41014.094
47996.898	31.467	32.638
24.382	1.023	
11/16/2016 8:45:00 PM	600300.000	70.448
17.379	158.692	41035.008

48025.402 31.488 32.657
24.369 1.023
11/16/2016 9:00:00 PM 601200.000 70.440
17.384 158.672 40984.801
47961.945 31.441 32.614
24.399 1.023
11/16/2016 9:15:00 PM 602100.000 70.442
17.380 158.677 41012.992
47998.980 31.468 32.639
24.383 1.023
11/16/2016 9:30:00 PM 603000.000 70.442
17.382 158.678 40995.723
47975.957 31.452 32.624
24.393 1.023
11/16/2016 9:45:00 PM 603900.000 70.443
17.380 158.679 40984.582
47965.902 31.444 32.617
24.399 1.023
11/16/2016 10:00:00 PM 604800.000 70.445
17.379 158.684 40999.289
47984.246 31.457 32.629
24.391 1.023
11/16/2016 10:15:00 PM 605700.000 70.450
17.382 158.695 40986.980
47966.004 31.444 32.617
24.398 1.023
11/16/2016 10:30:00 PM 606600.000 70.462
17.381 158.722 41012.641
47997.523 31.467 32.638
24.383 1.023
11/16/2016 10:45:00 PM 607500.000 70.461
17.384 158.719 41022.551
48005.566 31.473 32.644
24.377 1.023
11/16/2016 11:00:00 PM 608400.000 70.469
17.382 158.738 40968.156
47944.629 31.429 32.602
24.409 1.023
11/16/2016 11:15:00 PM 609300.000 70.472
17.382 158.745 41038.477
48026.176 31.488 32.658
24.367 1.023
11/16/2016 11:30:00 PM 610200.000 70.482
17.385 158.767 41027.586
48010.059 31.477 32.647
24.374 1.023
11/16/2016 11:45:00 PM 611100.000 70.490
17.380 158.785 41003.684
47988.086 31.460 32.632
24.388 1.023

Report Date: 11/18/2016 8:37:45 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8S LT Test_2016-11-17_15-07-23-148-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 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
11/17/2016 3:06:25 PM	Log Download - Used Battery: 18% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:00:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 741
Sensors: 2
1 - 428966: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

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)
	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 000000	Sensor: Baro-Adj Calc SN#: 428966
11/10/2016 12:00:00 AM	7200.000	19.244	16.164	43.864	655.717	788.852	0.389	536.419	1525.048	0.999	14.743
11/10/2016 12:15:00 AM	8100.000	19.236	16.164	43.846	655.901	789.077	0.389	536.573	1524.621	0.999	14.744

11/10/2016 12:30:00 AM	9000.000	19.241	16.164	43.856	655.638	788.754	0.389	536.352
1525.232	0.999	14.746						
11/10/2016 12:45:00 AM	9900.000	19.242	16.164	43.859	655.900	789.076	0.389	536.572
1524.622	0.999	14.746						
11/10/2016 1:00:00 AM	10800.000	19.236	16.164	43.845	655.709	788.842	0.389	536.413
1525.067	0.999	14.745						
11/10/2016 1:15:00 AM	11700.000	19.245	16.164	43.865	655.652	788.769	0.389	536.363
1525.199	0.999	14.741						
11/10/2016 1:30:00 AM	12600.000	19.242	16.164	43.858	655.610	788.723	0.389	536.331
1525.298	0.999	14.741						
11/10/2016 1:45:00 AM	13500.000	19.250	16.164	43.878	655.829	788.989	0.389	536.512
1524.787	0.999	14.736						
11/10/2016 2:00:00 AM	14400.000	19.245	16.164	43.864	655.663	788.776	0.389	536.368
1525.174	0.999	14.740						
11/10/2016 2:15:00 AM	15300.000	19.242	16.164	43.858	655.615	788.734	0.389	536.339
1525.286	0.999	14.739						
11/10/2016 2:30:00 AM	16200.000	19.242	16.164	43.859	655.546	788.645	0.389	536.279
1525.447	0.999	14.737						
11/10/2016 2:45:00 AM	17100.000	19.237	16.164	43.847	655.555	788.656	0.389	536.286
1525.426	0.999	14.739						
11/10/2016 3:00:00 AM	18000.000	19.245	16.164	43.864	655.745	788.884	0.389	536.441
1524.984	0.999	14.739						
11/10/2016 3:15:00 AM	18900.000	19.243	16.163	43.860	655.536	788.644	0.389	536.278
1525.469	0.999	14.741						
11/10/2016 3:30:00 AM	19800.000	19.245	16.164	43.866	655.821	788.972	0.389	536.501
1524.806	0.999	14.737						
11/10/2016 3:45:00 AM	20700.000	19.246	16.164	43.867	655.529	788.630	0.389	536.268
1525.486	0.999	14.738						
11/10/2016 4:00:00 AM	21600.000	19.239	16.164	43.852	655.505	788.599	0.389	536.247
1525.541	0.999	14.742						
11/10/2016 4:15:00 AM	22500.000	19.246	16.164	43.868	655.417	788.488	0.389	536.172
1525.746	0.999	14.735						
11/10/2016 4:30:00 AM	23400.000	19.241	16.164	43.856	655.413	788.489	0.389	536.173
1525.756	0.999	14.736						
11/10/2016 4:45:00 AM	24300.000	19.249	16.163	43.874	655.507	788.610	0.389	536.255
1525.537	0.999	14.732						
11/10/2016 5:00:00 AM	25200.000	19.238	16.163	43.850	655.472	788.568	0.389	536.226
1525.619	0.999	14.740						
11/10/2016 5:15:00 AM	26100.000	19.242	16.164	43.858	655.591	788.705	0.389	536.320
1525.341	0.999	14.735						
11/10/2016 5:30:00 AM	27000.000	19.256	16.163	43.890	655.503	788.600	0.389	536.248
1525.547	0.999	14.732						
11/10/2016 5:45:00 AM	27900.000	19.248	16.163	43.872	655.469	788.563	0.389	536.223
1525.626	0.999	14.739						
11/10/2016 6:00:00 AM	28800.000	19.247	16.163	43.870	655.431	788.522	0.389	536.195
1525.714	0.999	14.739						
11/10/2016 6:15:00 AM	29700.000	19.229	16.163	43.829	655.373	788.453	0.389	536.148
1525.849	0.999	14.758						
11/10/2016 6:30:00 AM	30600.000	19.251	16.163	43.880	655.326	788.390	0.389	536.105
1525.958	0.999	14.744						
11/10/2016 6:45:00 AM	31500.000	19.244	16.163	43.863	655.372	788.443	0.389	536.141
1525.851	0.999	14.747						
11/10/2016 7:00:00 AM	32400.000	19.242	16.163	43.858	655.356	788.428	0.389	536.131
1525.889	0.999	14.749						
11/10/2016 7:15:00 AM	33300.000	19.244	16.163	43.862	655.464	788.559	0.389	536.220
1525.636	0.999	14.746						
11/10/2016 7:30:00 AM	34200.000	19.249	16.163	43.874	655.422	788.506	0.389	536.184
1525.736	0.999	14.749						
11/10/2016 7:45:00 AM	35100.000	19.237	16.163	43.847	655.319	788.389	0.389	536.105
1525.974	0.999	14.756						
11/10/2016 8:00:00 AM	36000.000	19.236	16.164	43.845	655.376	788.445	0.389	536.142
1525.842	0.999	14.754						
11/10/2016 8:15:00 AM	36900.000	19.248	16.163	43.871	655.238	788.284	0.389	536.033
1526.163	0.999	14.748						
11/10/2016 8:30:00 AM	37800.000	19.248	16.164	43.873	655.189	788.213	0.389	535.985
1526.278	0.999	14.747						
11/10/2016 8:45:00 AM	38700.000	19.247	16.164	43.870	655.199	788.231	0.389	535.997
1526.253	0.999	14.748						
11/10/2016 9:00:00 AM	39600.000	19.229	16.163	43.828	655.361	788.437	0.389	536.137
1525.876	0.999	14.754						
11/10/2016 9:15:00 AM	40500.000	19.234	16.163	43.840	655.224	788.267	0.389	536.022
1526.195	0.999	14.750						
11/10/2016 9:30:00 AM	41400.000	19.243	16.164	43.860	655.348	788.407	0.389	536.117
1525.906	0.999	14.742						
11/10/2016 9:45:00 AM	42300.000	19.247	16.164	43.869	655.385	788.455	0.389	536.150
1525.821	0.999	14.741						
11/10/2016 10:00:00 AM	43200.000	19.248	16.163	43.872	655.082	788.111	0.389	535.916
1526.527	0.999	14.738						
11/10/2016 10:15:00 AM	44100.000	19.241	16.163	43.857	655.262	788.315	0.389	536.054
1526.106	0.999	14.741						
11/10/2016 10:30:00 AM	45000.000	19.245	16.163	43.864	655.275	788.329	0.389	536.064
1526.078	0.999	14.743						
11/10/2016 10:45:00 AM	45900.000	19.244	16.164	43.863	654.945	787.928	0.389	535.791
1526.846	0.999	14.734						
11/10/2016 11:00:00 AM	46800.000	19.242	16.163	43.858	655.087	788.109	0.389	535.914
1526.514	0.999	14.732						
11/10/2016 11:15:00 AM	47700.000	19.244	16.163	43.862	655.295	788.360	0.389	536.085
1526.031	0.999	14.734						
11/10/2016 11:30:00 AM	48600.000	19.250	16.163	43.877	655.002	788.000	0.389	535.840
1526.712	0.999	14.727						
11/10/2016 11:45:00 AM	49500.000	19.244	16.163	43.863	655.081	788.094	0.389	535.904
1526.530	0.999	14.729						
11/10/2016 12:00:00 PM	50400.000	19.239	16.163	43.853	654.923	787.911	0.389	535.779
1526.898	0.999	14.727						
11/10/2016 12:15:00 PM	51300.000	19.243	16.163	43.862	655.316	788.384	0.389	536.101
1525.980	0.999	14.730						
11/10/2016 12:30:00 PM	52200.000	19.241	16.163	43.856	654.984	787.988	0.389	535.832
1526.756	0.999	14.726						
11/10/2016 12:45:00 PM	53100.000	19.246	16.163	43.868	655.081	788.104	0.389	535.911
1526.529	0.999	14.726						
11/10/2016 1:00:00 PM	54000.000	19.254	16.163	43.886	654.983	787.985	0.389	535.830
1526.758	0.999	14.716						
11/10/2016 1:15:00 PM	54900.000	19.249	16.163	43.873	655.094	788.115	0.389	535.918
1526.500	0.999	14.718						
11/10/2016 1:30:00 PM	55800.000	19.248	16.163	43.873	654.929	787.918	0.389	535.784
1526.884	0.999	14.727						
11/10/2016 1:45:00 PM	56700.000	19.252	16.163	43.880	655.208	788.247	0.389	536.008
1526.232	0.999	14.725						
11/10/2016 2:00:00 PM	57600.000	19.245	16.164	43.865	654.784	787.735	0.389	535.660
1527.220	0.999	14.726						
11/10/2016 2:15:00 PM	58500.000	19.243	16.164	43.860	654.977	787.965	0.389	535.816
1526.771	0.999	14.731						
11/10/2016 2:30:00 PM	59400.000	19.242	16.163	43.858	655.066	788.090	0.389	535.901
1526.563	0.999	14.729						
11/10/2016 2:45:00 PM	60300.000	19.249	16.163	43.875	654.998	788.005	0.389	535.844
1526.723	0.999	14.726						
11/10/2016 3:00:00 PM	61200.000	19.240	16.163	43.854	654.840	787.808	0.389	535.710
1527.090	0.999	14.731						
11/10/2016 3:15:00 PM	62100.000	19.242	16.163	43.858	655.017	788.030	0.389	535.861
1526.678	0.999	14.732						
11/10/2016 3:30:00 PM	63000.000	19.244	16.163	43.863	654.859	787.840	0.389	535.731
1527.047	0.999	14.738						
11/10/2016 3:45:00 PM	63900.000	19.242	16.163	43.858	655.079	788.107	0.389	535.913
1526.533	0.999	14.737						
11/10/2016 4:00:00 PM	64800.000	19.243	16.163	43.862	654.950	787.952	0.389	535.807
1526.833	0.999	14.737						
11/10/2016 4:15:00 PM	65700.000	19.243	16.162	43.861	654.889	787.883	0.389	535.760
1526.977	0.999	14.739						
11/10/2016 4:30:00 PM	66600.000	19.244	16.162	43.864	654.966	787.982	0.389	535.827
1526.798	0.999	14.738						
11/10/2016 4:45:00 PM	67500.000	19.239	16.162	43.852	655.141	788.186	0.389	535.967
1526.389	0.999	14.743						
11/10/2016 5:00:00 PM	68400.000	19.253	16.162	43.883	655.366	788.460	0.389	536.153

1525.865	0.999	14.730						
11/10/2016 5:15:00 PM	69300.000	19.241	16.162	43.857	655.915	789.115	0.389	536.598
1524.589	0.999	14.746						
11/10/2016 5:30:00 PM	70200.000	19.245	16.162	43.864	657.217	790.688	0.390	537.668
1521.567	0.999	14.744						
11/10/2016 5:45:00 PM	71100.000	19.243	16.162	43.861	658.270	791.952	0.391	538.527
1519.134	0.999	14.741						
11/10/2016 6:00:00 PM	72000.000	19.241	16.163	43.857	657.422	790.927	0.390	537.831
1521.092	0.999	14.748						
11/10/2016 6:15:00 PM	72900.000	19.238	16.163	43.850	656.669	790.019	0.390	537.213
1522.837	0.999	14.744						
11/10/2016 6:30:00 PM	73800.000	19.247	16.162	43.869	657.772	791.354	0.391	538.121
1520.284	0.999	14.745						
11/10/2016 6:45:00 PM	74700.000	19.247	16.162	43.869	659.248	793.129	0.391	539.328
1516.880	0.999	14.740						
11/10/2016 7:00:00 PM	75600.000	19.245	16.162	43.866	660.696	794.873	0.392	540.514
1513.556	0.999	14.744						
11/10/2016 7:15:00 PM	76500.000	19.239	16.162	43.852	662.416	796.938	0.393	541.918
1509.626	0.999	14.745						
11/10/2016 7:30:00 PM	77400.000	19.246	16.162	43.867	662.654	797.228	0.394	542.115
1509.083	0.999	14.741						
11/10/2016 7:45:00 PM	78300.000	19.244	16.162	43.863	660.949	795.175	0.393	540.719
1512.976	0.999	14.742						
11/10/2016 8:00:00 PM	79200.000	19.234	16.162	43.841	659.904	793.923	0.392	539.868
1515.371	0.999	14.750						
11/10/2016 8:15:00 PM	80100.000	19.247	16.162	43.870	659.122	792.978	0.391	539.225
1517.171	0.999	14.743						
11/10/2016 8:30:00 PM	81000.000	19.250	16.162	43.876	658.139	791.797	0.391	538.422
1519.436	0.999	14.748						
11/10/2016 8:45:00 PM	81900.000	19.239	16.163	43.852	657.519	791.039	0.390	537.906
1520.869	0.999	14.751						
11/10/2016 9:00:00 PM	82800.000	19.249	16.163	43.874	657.150	790.599	0.390	537.608
1521.723	0.999	14.744						
11/10/2016 9:15:00 PM	83700.000	19.250	16.163	43.877	656.636	789.978	0.390	537.185
1522.915	0.999	14.751						
11/10/2016 9:30:00 PM	84600.000	19.240	16.163	43.853	656.374	789.655	0.390	536.966
1523.521	0.999	14.754						
11/10/2016 9:45:00 PM	85500.000	19.247	16.163	43.869	656.013	789.229	0.389	536.675
1524.361	0.999	14.748						
11/10/2016 10:00:00 PM	86400.000	19.246	16.163	43.867	655.759	788.924	0.389	536.468
1524.949	0.999	14.752						
11/10/2016 10:15:00 PM	87300.000	19.245	16.163	43.865	655.353	788.430	0.389	536.132
1525.895	0.999	14.752						
11/10/2016 10:30:00 PM	88200.000	19.246	16.163	43.868	655.366	788.438	0.389	536.138
1525.865	0.999	14.749						
11/10/2016 10:45:00 PM	89100.000	19.243	16.163	43.861	654.985	787.982	0.389	535.828
1526.753	0.999	14.754						
11/10/2016 11:00:00 PM	90000.000	19.247	16.163	43.869	654.854	787.833	0.389	535.726
1527.058	0.999	14.754						
11/10/2016 11:15:00 PM	90900.000	19.252	16.163	43.881	654.827	787.802	0.389	535.705
1527.121	0.999	14.751						
11/10/2016 11:30:00 PM	91800.000	19.239	16.163	43.851	654.825	787.797	0.389	535.702
1527.125	0.999	14.758						
11/10/2016 11:45:00 PM	92700.000	19.248	16.163	43.873	654.610	787.538	0.389	535.526
1527.627	0.999	14.757						
11/11/2016 12:00:00 AM	93600.000	19.243	16.163	43.861	654.720	787.670	0.389	535.616
1527.370	0.999	14.756						
11/11/2016 12:15:00 AM	94500.000	19.242	16.163	43.859	654.664	787.599	0.389	535.567
1527.502	0.999	14.759						
11/11/2016 12:30:00 AM	95400.000	19.244	16.163	43.862	654.433	787.323	0.388	535.380
1528.041	0.999	14.762						
11/11/2016 12:45:00 AM	96300.000	19.246	16.163	43.867	654.323	787.196	0.388	535.293
1528.297	0.999	14.755						
11/11/2016 1:00:00 AM	97200.000	19.248	16.163	43.872	654.489	787.394	0.389	535.428
1527.909	0.999	14.759						
11/11/2016 1:15:00 AM	98100.000	19.242	16.163	43.859	654.229	787.082	0.388	535.216
1528.517	0.999	14.759						
11/11/2016 1:30:00 AM	99000.000	19.248	16.163	43.873	654.204	787.038	0.388	535.186
1528.576	0.999	14.757						
11/11/2016 1:45:00 AM	99900.000	19.256	16.163	43.890	654.051	786.865	0.388	535.069
1528.932	0.999	14.752						
11/11/2016 2:00:00 AM	100800.000	19.243	16.163	43.860	654.244	787.091	0.388	535.222
1528.481	0.999	14.758						
11/11/2016 2:15:00 AM	101700.000	19.258	16.163	43.894	654.059	786.872	0.388	535.073
1528.913	0.999	14.751						
11/11/2016 2:30:00 AM	102600.000	19.245	16.162	43.865	654.120	786.957	0.388	535.130
1528.771	0.999	14.752						
11/11/2016 2:45:00 AM	103500.000	19.243	16.163	43.861	653.994	786.789	0.388	535.017
1529.065	0.999	14.753						
11/11/2016 3:00:00 AM	104400.000	19.238	16.163	43.850	653.888	786.670	0.388	534.936
1529.314	0.999	14.752						
11/11/2016 3:15:00 AM	105300.000	19.248	16.162	43.873	653.865	786.649	0.388	534.921
1529.369	0.999	14.745						
11/11/2016 3:30:00 AM	106200.000	19.240	16.163	43.854	654.003	786.811	0.388	535.032
1529.044	0.999	14.754						
11/11/2016 3:45:00 AM	107100.000	19.251	16.162	43.879	654.050	786.877	0.388	535.076
1528.936	0.999	14.744						
11/11/2016 4:00:00 AM	108000.000	19.258	16.162	43.895	653.911	786.705	0.388	534.960
1529.259	0.999	14.743						
11/11/2016 4:15:00 AM	108900.000	19.246	16.162	43.868	654.039	786.860	0.388	535.065
1528.961	0.999	14.744						
11/11/2016 4:30:00 AM	109800.000	19.253	16.163	43.883	654.181	787.027	0.388	535.178
1528.628	0.999	14.743						
11/11/2016 4:45:00 AM	110700.000	19.247	16.163	43.870	654.471	787.372	0.389	535.413
1527.951	0.999	14.745						
11/11/2016 5:00:00 AM	111600.000	19.239	16.162	43.852	654.848	787.840	0.389	535.731
1527.073	0.999	14.751						
11/11/2016 5:15:00 AM	112500.000	19.246	16.162	43.867	655.537	788.661	0.389	536.290
1525.466	0.999	14.744						
11/11/2016 5:30:00 AM	113400.000	19.246	16.162	43.867	655.978	789.201	0.389	536.657
1524.441	0.999	14.746						
11/11/2016 5:45:00 AM	114300.000	19.244	16.162	43.863	656.791	790.172	0.390	537.317
1522.553	0.999	14.751						
11/11/2016 6:00:00 AM	115200.000	19.251	16.162	43.878	657.248	790.721	0.390	537.690
1521.495	0.999	14.741						
11/11/2016 6:15:00 AM	116100.000	19.250	16.163	43.877	657.721	791.286	0.391	538.075
1520.402	0.999	14.745						
11/11/2016 6:30:00 AM	117000.000	19.248	16.162	43.873	658.534	792.268	0.391	538.742
1518.526	0.999	14.750						
11/11/2016 6:45:00 AM	117900.000	19.244	16.162	43.863	659.181	793.056	0.391	539.278
1517.034	0.999	14.753						
11/11/2016 7:00:00 AM	118800.000	19.245	16.162	43.865	661.271	795.574	0.393	540.990
1512.240	0.999	14.755						
11/11/2016 7:15:00 AM	119700.000	19.244	16.162	43.863	661.857	796.279	0.393	541.470
1510.901	0.999	14.754						
11/11/2016 7:30:00 AM	120600.000	19.244	16.162	43.864	661.720	796.108	0.393	541.353
1511.213	0.999	14.756						
11/11/2016 7:45:00 AM	121500.000	19.245	16.162	43.864	660.959	795.186	0.393	540.726
1512.953	0.999	14.756						
11/11/2016 8:00:00 AM	122400.000	19.257	16.162	43.893	660.501	794.639	0.392	540.355
1514.003	0.999	14.753						
11/11/2016 8:15:00 AM	123300.000	19.235	16.163	43.841	659.608	793.557	0.392	539.619
1516.052	0.999	14.764						
11/11/2016 8:30:00 AM	124200.000	19.243	16.163	43.860	660.201	794.256	0.392	540.094
1514.690	0.999	14.760						
11/11/2016 8:45:00 AM	125100.000	19.256	16.163	43.890	662.108	796.551	0.393	541.655
1510.327	0.999	14.758						
11/11/2016 9:00:00 AM	126000.000	19.246	16.163	43.869	662.321	796.816	0.393	541.835
1509.843	0.999	14.759						
11/11/2016 9:15:00 AM	126900.000	19.235	16.163	43.842	662.965	797.586	0.394	542.358
1508.375	0.999	14.768						
11/11/2016 9:30:00 AM	127800.000	19.243	16.163	43.860	663.030	797.664	0.394	542.411
1508.228	0.999	14.765						

11/11/2016 9:45:00 AM	128700.000	19.241	16.163	43.855	663.648	798.412	0.394	542.920	1506.823
0.999	14.766								
11/11/2016 10:00:00 AM	129600.000	19.247	16.163	43.870	664.345	799.253	0.395	543.492	1505.242
0.999	14.766								
11/11/2016 10:15:00 AM	130500.000	19.241	16.163	43.856	666.125	801.392	0.396	544.947	1501.220
0.999	14.760								
11/11/2016 10:30:00 AM	131400.000	19.245	16.162	43.865	667.821	803.440	0.397	546.339	1497.407
0.999	14.759								
11/11/2016 10:45:00 AM	132300.000	19.253	16.162	43.883	668.635	804.421	0.397	547.006	1495.584
0.999	14.759								
11/11/2016 11:00:00 AM	133200.000	19.244	16.163	43.864	668.944	804.788	0.397	547.256	1494.894
0.999	14.763								
11/11/2016 11:15:00 AM	134100.000	19.252	16.163	43.881	668.810	804.627	0.397	547.146	1495.192
0.999	14.755								
11/11/2016 11:30:00 AM	135000.000	19.246	16.162	43.868	668.940	804.792	0.397	547.258	1494.903
0.999	14.761								
11/11/2016 11:45:00 AM	135900.000	19.249	16.162	43.873	667.571	803.139	0.397	546.134	1497.969
0.999	14.755								
11/11/2016 12:00:00 PM	136800.000	19.251	16.163	43.879	667.069	802.530	0.396	545.720	1499.096
0.999	14.755								
11/11/2016 12:15:00 PM	137700.000	19.253	16.163	43.883	667.107	802.574	0.396	545.750	1499.010
0.999	14.755								
11/11/2016 12:30:00 PM	138600.000	19.243	16.163	43.861	667.547	803.107	0.397	546.113	1498.021
0.999	14.758								
11/11/2016 12:45:00 PM	139500.000	19.247	16.162	43.870	668.912	804.752	0.397	547.231	1494.966
0.999	14.754								
11/11/2016 1:00:00 PM	140400.000	19.253	16.162	43.883	669.170	805.066	0.398	547.445	1494.388
0.999	14.755								
11/11/2016 1:15:00 PM	141300.000	19.249	16.162	43.875	672.509	809.080	0.400	550.174	1486.969
0.999	14.757								
11/11/2016 1:30:00 PM	142200.000	19.244	16.163	43.864	672.626	809.217	0.400	550.268	1486.710
0.999	14.758								
11/11/2016 1:45:00 PM	143100.000	19.241	16.163	43.857	677.770	815.408	0.403	554.477	1475.426
0.999	14.760								
11/11/2016 2:00:00 PM	144000.000	19.240	16.162	43.855	683.235	821.994	0.406	558.956	1463.625
0.999	14.765								
11/11/2016 2:15:00 PM	144900.000	19.257	16.162	43.893	689.490	829.512	0.410	564.068	1450.348
0.999	14.744								
11/11/2016 2:30:00 PM	145800.000	19.244	16.162	43.863	692.287	832.874	0.412	566.355	1444.487
0.999	14.761								
11/11/2016 2:45:00 PM	146700.000	19.246	16.162	43.867	692.617	833.278	0.412	566.629	1443.798
0.999	14.761								
11/11/2016 3:00:00 PM	147600.000	19.239	16.162	43.851	690.062	830.208	0.410	564.542	1449.146
0.999	14.770								
11/11/2016 3:15:00 PM	148500.000	19.249	16.162	43.875	694.541	835.595	0.413	568.205	1439.801
0.999	14.760								
11/11/2016 3:30:00 PM	149400.000	19.253	16.162	43.884	699.713	841.813	0.416	572.433	1429.158
0.999	14.766								
11/11/2016 3:45:00 PM	150300.000	19.242	16.161	43.859	702.275	844.909	0.418	574.538	1423.943
0.999	14.771								
11/11/2016 4:00:00 PM	151200.000	19.246	16.162	43.867	704.675	847.779	0.419	576.490	1419.095
0.999	14.762								
11/11/2016 4:15:00 PM	152100.000	19.249	16.161	43.873	709.110	853.134	0.422	580.131	1410.219
0.999	14.765								
11/11/2016 4:30:00 PM	153000.000	19.246	16.162	43.868	705.856	849.200	0.420	577.456	1416.720
0.999	14.765								
11/11/2016 4:45:00 PM	153900.000	19.245	16.162	43.865	703.972	846.939	0.419	575.919	1420.511
0.999	14.771								
11/11/2016 5:00:00 PM	154800.000	19.252	16.162	43.882	703.088	845.882	0.418	575.200	1422.297
0.999	14.769								
11/11/2016 5:15:00 PM	155700.000	19.248	16.162	43.871	704.070	847.062	0.419	576.002	1420.313
0.999	14.770								
11/11/2016 5:30:00 PM	156600.000	19.248	16.162	43.873	706.726	850.252	0.421	578.172	1414.975
0.999	14.773								
11/11/2016 5:45:00 PM	157500.000	19.250	16.162	43.877	713.434	858.321	0.425	583.658	1401.671
0.999	14.775								
11/11/2016 6:00:00 PM	158400.000	19.249	16.162	43.875	713.291	858.154	0.425	583.545	1401.952
0.999	14.780								
11/11/2016 6:15:00 PM	159300.000	19.250	16.162	43.877	715.144	860.382	0.426	585.060	1398.319
0.999	14.778								
11/11/2016 6:30:00 PM	160200.000	19.245	16.162	43.865	714.363	859.445	0.425	584.422	1399.849
0.999	14.778								
11/11/2016 6:45:00 PM	161100.000	19.245	16.161	43.866	716.193	861.659	0.427	585.928	1396.272
0.999	14.779								
11/11/2016 7:00:00 PM	162000.000	19.246	16.162	43.869	717.427	863.133	0.427	586.931	1393.870
0.999	14.775								
11/11/2016 7:15:00 PM	162900.000	19.246	16.162	43.867	718.095	863.940	0.428	587.479	1392.574
0.999	14.770								
11/11/2016 7:30:00 PM	163800.000	19.242	16.162	43.858	722.561	869.305	0.431	591.127	1383.967
0.999	14.773								
11/11/2016 7:45:00 PM	164700.000	19.253	16.161	43.884	726.724	874.323	0.433	594.540	1376.039
0.999	14.759								
11/11/2016 8:00:00 PM	165600.000	19.247	16.162	43.870	729.399	877.538	0.435	596.726	1370.992
0.999	14.761								
11/11/2016 8:15:00 PM	166500.000	19.252	16.162	43.880	739.315	889.464	0.441	604.836	1352.604
0.999	14.759								
11/11/2016 8:30:00 PM	167400.000	19.249	16.162	43.873	738.053	887.946	0.440	603.803	1354.917
0.999	14.754								
11/11/2016 8:45:00 PM	168300.000	19.249	16.162	43.874	741.899	892.576	0.443	606.951	1347.892
0.999	14.761								
11/11/2016 9:00:00 PM	169200.000	19.248	16.162	43.872	747.284	899.047	0.446	611.352	1338.179
0.999	14.764								
11/11/2016 9:15:00 PM	170100.000	19.246	16.161	43.867	754.717	908.002	0.450	617.442	1324.999
0.999	14.759								
11/11/2016 9:30:00 PM	171000.000	19.247	16.162	43.869	755.142	908.508	0.451	617.785	1324.254
0.999	14.760								
11/11/2016 9:45:00 PM	171900.000	19.253	16.162	43.884	740.605	891.022	0.442	605.895	1350.248
0.999	14.762								
11/11/2016 10:00:00 PM	172800.000	19.246	16.162	43.868	726.384	873.897	0.433	594.250	1376.682
0.999	14.777								
11/11/2016 10:15:00 PM	173700.000	19.247	16.162	43.869	717.001	862.615	0.427	586.579	1394.698
0.999	14.777								
11/11/2016 10:30:00 PM	174600.000	19.249	16.162	43.875	708.803	852.749	0.422	579.869	1410.830
0.999	14.766								
11/11/2016 10:45:00 PM	175500.000	19.248	16.162	43.873	702.350	844.988	0.418	574.592	1423.791
0.999	14.773								
11/11/2016 11:00:00 PM	176400.000	19.238	16.162	43.849	698.053	839.816	0.415	571.075	1432.556
0.999	14.776								
11/11/2016 11:15:00 PM	177300.000	19.248	16.162	43.873	696.740	838.240	0.415	570.003	1435.256
0.999	14.781								
11/11/2016 11:30:00 PM	178200.000	19.245	16.162	43.866	691.703	832.174	0.411	565.879	1445.708
0.999	14.782								
11/11/2016 11:45:00 PM	179100.000	19.242	16.162	43.859	693.719	834.604	0.413	567.531	1441.505
0.999	14.781								
11/12/2016 12:00:00 AM	180000.000	19.249	16.162	43.875	691.034	831.370	0.411	565.331	1447.107
0.999	14.774								
11/12/2016 12:15:00 AM	180900.000	19.252	16.162	43.882	690.017	830.145	0.410	564.498	1449.240
0.999	14.773								
11/12/2016 12:30:00 AM	181800.000	19.244	16.162	43.864	704.204	847.220	0.419	576.110	1420.043
0.999	14.778								
11/12/2016 12:45:00 AM	182700.000	19.244	16.162	43.864	723.597	870.560	0.431	591.981	1381.985
0.999	14.783								
11/12/2016 1:00:00 AM	183600.000	19.254	16.161	43.887	733.014	881.897	0.437	599.690	1364.230
0.999	14.776								
11/12/2016 1:15:00 AM	184500.000	19.247	16.162	43.870	713.671	858.603	0.425	583.850	1401.207
0.999	14.777								
11/12/2016 1:30:00 AM	185400.000	19.248	16.161	43.871	718.534	864.472	0.428	587.841	1391.722
0.999	14.777								
11/12/2016 1:45:00 AM	186300.000	19.243	16.162	43.862	723.335	870.231	0.431	591.757	1382.485
0.999	14.780								
11/12/2016 2:00:00 AM	187200.000	19.245	16.162	43.864	728.529	876.486	0.434	596.010	1372.630
0.999	14.785								
11/12/2016 2:15:00 AM	188100.000	19.247	16.162	43.870	734.640	883.837	0.438	601.009	

1361.211		0.999	14.778						
11/12/2016 2:30:00 AM	189000.000		19.242	16.162	43.859	739.137	889.248	0.441	604.688
1352.929		0.999	14.780						
11/12/2016 2:45:00 AM	189900.000		19.248	16.162	43.872	741.894	892.569	0.442	606.947
1347.902		0.999	14.781						
11/12/2016 3:00:00 AM	190800.000		19.245	16.162	43.865	747.548	899.375	0.446	611.575
1337.707		0.999	14.783						
11/12/2016 3:15:00 AM	191700.000		19.259	16.162	43.896	755.655	909.117	0.451	618.200
1323.356		0.999	14.780						
11/12/2016 3:30:00 AM	192600.000		19.246	16.162	43.868	761.418	916.058	0.455	622.919
1313.340		0.999	14.786						
11/12/2016 3:45:00 AM	193500.000		19.257	16.162	43.892	768.457	924.527	0.459	628.679
1301.308		0.999	14.778						
11/12/2016 4:00:00 AM	194400.000		19.249	16.161	43.876	772.469	929.361	0.461	631.965
1294.551		0.999	14.783						
11/12/2016 4:15:00 AM	195300.000		19.252	16.161	43.882	779.130	937.376	0.466	637.416
1283.482		0.999	14.783						
11/12/2016 4:30:00 AM	196200.000		19.249	16.161	43.875	790.052	950.520	0.472	646.353
1265.739		0.999	14.783						
11/12/2016 4:45:00 AM	197100.000		19.248	16.162	43.873	794.031	955.297	0.475	649.602
1259.397		0.999	14.784						
11/12/2016 5:00:00 AM	198000.000		19.254	16.161	43.887	804.443	967.832	0.481	658.126
1243.095		0.999	14.778						
11/12/2016 5:15:00 AM	198900.000		19.249	16.161	43.875	813.544	978.783	0.487	665.572
1229.190		0.999	14.784						
11/12/2016 5:30:00 AM	199800.000		19.255	16.161	43.888	821.340	988.162	0.492	671.950
1217.523		0.999	14.778						
11/12/2016 5:45:00 AM	200700.000		19.257	16.161	43.893	837.416	1007.500	0.502	685.100
1194.149		0.999	14.775						
11/12/2016 6:00:00 AM	201600.000		19.241	16.161	43.856	852.502	1025.651	0.511	697.443
1173.018		0.999	14.791						
11/12/2016 6:15:00 AM	202500.000		19.254	16.161	43.886	858.295	1032.623	0.515	702.184
1165.101		0.999	14.784						
11/12/2016 6:30:00 AM	203400.000		19.254	16.161	43.886	835.357	1005.020	0.501	683.413
1197.094		0.999	14.786						
11/12/2016 6:45:00 AM	204300.000		19.251	16.161	43.879	857.889	1032.129	0.515	701.848
1165.652		0.999	14.789						
11/12/2016 7:00:00 AM	205200.000		19.248	16.161	43.872	862.177	1037.294	0.517	705.360
1159.855		0.999	14.792						
11/12/2016 7:15:00 AM	206100.000		19.253	16.161	43.882	860.864	1035.720	0.516	704.290
1161.624		0.999	14.794						
11/12/2016 7:30:00 AM	207000.000		19.248	16.162	43.872	851.711	1024.683	0.511	696.785
1174.108		0.999	14.800						
11/12/2016 7:45:00 AM	207900.000		19.253	16.161	43.885	854.553	1028.115	0.513	699.118
1170.203		0.999	14.801						
11/12/2016 8:00:00 AM	208800.000		19.255	16.161	43.887	832.797	1001.940	0.499	681.319
1200.773		0.999	14.798						
11/12/2016 8:15:00 AM	209700.000		19.247	16.162	43.871	798.604	960.791	0.478	653.338
1252.185		0.999	14.805						
11/12/2016 8:30:00 AM	210600.000		19.250	16.162	43.877	787.976	948.002	0.471	644.642
1269.075		0.999	14.808						
11/12/2016 8:45:00 AM	211500.000		19.246	16.162	43.866	782.294	941.170	0.468	639.996
1278.293		0.999	14.811						
11/12/2016 9:00:00 AM	212400.000		19.253	16.162	43.884	772.493	929.376	0.461	631.976
1294.509		0.999	14.802						
11/12/2016 9:15:00 AM	213300.000		19.250	16.162	43.877	771.275	927.916	0.461	630.983
1296.554		0.999	14.806						
11/12/2016 9:30:00 AM	214200.000		19.251	16.162	43.879	772.694	929.625	0.462	632.145
1294.174		0.999	14.803						
11/12/2016 9:45:00 AM	215100.000		19.251	16.162	43.878	775.110	932.530	0.463	634.120
1290.139		0.999	14.803						
11/12/2016 10:00:00 AM	216000.000		19.247	16.162	43.869	779.871	938.258	0.466	638.015
1282.263		0.999	14.802						
11/12/2016 10:15:00 AM	216900.000		19.249	16.162	43.873	776.496	934.201	0.464	635.256
1287.837		0.999	14.804						
11/12/2016 10:30:00 AM	217800.000		19.244	16.162	43.864	784.074	943.307	0.469	641.449
1275.389		0.999	14.802						
11/12/2016 10:45:00 AM	218700.000		19.257	16.161	43.892	807.075	970.996	0.483	660.278
1239.042		0.999	14.794						
11/12/2016 11:00:00 AM	219600.000		19.248	16.162	43.873	849.387	1021.891	0.509	694.886
1177.320		0.999	14.795						
11/12/2016 11:15:00 AM	220500.000		19.248	16.162	43.872	865.629	1041.432	0.519	708.174
1155.229		0.999	14.792						
11/12/2016 11:30:00 AM	221400.000		19.249	16.162	43.875	871.402	1048.385	0.523	712.902
1147.575		0.999	14.789						
11/12/2016 11:45:00 AM	222300.000		19.252	16.162	43.881	874.287	1051.855	0.525	715.262
1143.789		0.999	14.784						
11/12/2016 12:00:00 PM	223200.000		19.245	16.161	43.866	882.417	1061.647	0.530	721.920
1133.251		0.999	14.779						
11/12/2016 12:15:00 PM	224100.000		19.246	16.161	43.868	879.502	1058.138	0.528	719.534
1137.006		0.999	14.776						
11/12/2016 12:30:00 PM	225000.000		19.257	16.161	43.892	880.384	1059.206	0.529	720.260
1135.868		0.999	14.772						
11/12/2016 12:45:00 PM	225900.000		19.247	16.161	43.871	886.200	1066.192	0.532	725.011
1128.413		0.999	14.774						
11/12/2016 1:00:00 PM	226800.000		19.250	16.161	43.877	888.027	1068.394	0.533	726.508
1126.092		0.999	14.771						
11/12/2016 1:15:00 PM	227700.000		19.253	16.161	43.883	901.667	1084.798	0.542	737.662
1109.057		0.999	14.774						
11/12/2016 1:30:00 PM	228600.000		19.257	16.161	43.894	903.853	1087.432	0.543	739.454
1106.375		0.999	14.764						
11/12/2016 1:45:00 PM	229500.000		19.251	16.162	43.879	890.466	1071.311	0.535	728.492
1123.008		0.999	14.770						
11/12/2016 2:00:00 PM	230400.000		19.247	16.161	43.869	906.003	1090.017	0.545	741.212
1103.749		0.999	14.779						
11/12/2016 2:15:00 PM	231300.000		19.255	16.162	43.888	929.966	1118.838	0.560	760.810
1075.308		0.999	14.772						
11/12/2016 2:30:00 PM	232200.000		19.252	16.161	43.882	942.877	1134.394	0.568	771.388
1060.584		0.999	14.773						
11/12/2016 2:45:00 PM	233100.000		19.259	16.161	43.897	945.087	1137.046	0.569	773.191
1058.104		0.999	14.770						
11/12/2016 3:00:00 PM	234000.000		19.253	16.162	43.883	964.717	1160.650	0.582	789.242
1036.573		0.999	14.775						
11/12/2016 3:15:00 PM	234900.000		19.251	16.162	43.880	943.728	1135.393	0.568	772.067
1059.627		0.999	14.775						
11/12/2016 3:30:00 PM	235800.000		19.251	16.161	43.878	971.204	1168.472	0.586	794.561
1029.650		0.999	14.773						
11/12/2016 3:45:00 PM	236700.000		19.251	16.161	43.880	988.687	1189.507	0.597	808.865
1011.442		0.999	14.771						
11/12/2016 4:00:00 PM	237600.000		19.263	16.161	43.905	1002.969	1206.687	0.606	820.547
997.040		0.999	14.767						
11/12/2016 4:15:00 PM	238500.000		19.252	16.161	43.881	1024.424	1232.499	0.619	838.100
976.159		0.999	14.775						
11/12/2016 4:30:00 PM	239400.000		19.254	16.161	43.885	1064.806	1281.099	0.645	871.148
939.138		0.999	14.773						
11/12/2016 4:45:00 PM	240300.000		19.251	16.161	43.880	1080.098	1299.497	0.654	883.658
925.842		0.999	14.775						
11/12/2016 5:00:00 PM	241200.000		19.252	16.161	43.881	1066.271	1282.849	0.646	872.338
937.848		0.999	14.777						
11/12/2016 5:15:00 PM	242100.000		19.253	16.161	43.883	1100.873	1324.474	0.667	900.642
908.370		0.999	14.778						
11/12/2016 5:30:00 PM	243000.000		19.253	16.161	43.884	1115.619	1342.220	0.677	912.710
896.364		0.999	14.778						
11/12/2016 5:45:00 PM	243900.000		19.244	16.161	43.863	1125.885	1354.574	0.683	921.110
888.191		0.999	14.782						
11/12/2016 6:00:00 PM	244800.000		19.257	16.161	43.892	1115.288	1341.817	0.677	912.436
896.630		0.999	14.779						
11/12/2016 6:15:00 PM	245700.000		19.253	16.161	43.883	1120.307	1347.855	0.680	916.542
892.613		0.999	14.785						
11/12/2016 6:30:00 PM	246600.000		19.262	16.161	43.903	1129.221	1358.589	0.685	923.840
885.566		0.999	14.780						
11/12/2016 6:45:00 PM	247500.000		19.249	16.161	43.875	1131.033	1360.771	0.687	925.324
884.147		0.999	14.780						

11/12/2016 7:00:00 PM	248400.000	19.255	16.161	43.887	1135.418	1366.044	0.689	928.910	880.733
11/12/2016 7:15:00 PM	249300.000	19.247	16.161	43.869	1163.002	1399.237	0.707	951.481	859.843
11/12/2016 7:30:00 PM	250200.000	19.257	16.161	43.892	1222.489	1470.804	0.745	1000.146	818.003
11/12/2016 7:45:00 PM	251100.000	19.255	16.161	43.888	1218.282	1465.736	0.742	996.701	820.828
11/12/2016 8:00:00 PM	252000.000	19.251	16.161	43.879	1207.625	1452.914	0.735	987.982	828.072
11/12/2016 8:15:00 PM	252900.000	19.254	16.161	43.886	1204.691	1449.397	0.733	985.590	830.088
11/12/2016 8:30:00 PM	253800.000	19.254	16.161	43.885	1195.453	1438.270	0.727	978.024	836.503
11/12/2016 8:45:00 PM	254700.000	19.252	16.161	43.882	1183.288	1423.626	0.720	968.066	845.103
11/12/2016 9:00:00 PM	255600.000	19.252	16.162	43.881	1150.830	1384.558	0.699	941.499	868.938
11/12/2016 9:15:00 PM	256500.000	19.255	16.161	43.888	1144.013	1376.371	0.695	935.932	874.116
11/12/2016 9:30:00 PM	257400.000	19.251	16.161	43.880	1148.458	1381.719	0.698	939.569	870.732
11/12/2016 9:45:00 PM	258300.000	19.248	16.161	43.873	1146.000	1378.761	0.696	937.557	872.601
11/12/2016 10:00:00 PM	259200.000	19.257	16.161	43.893	1137.726	1368.814	0.691	930.794	878.947
11/12/2016 10:15:00 PM	260100.000	19.248	16.161	43.873	1114.558	1340.927	0.676	911.831	897.217
11/12/2016 10:30:00 PM	261000.000	19.250	16.162	43.876	1110.967	1336.604	0.674	908.891	900.117
11/12/2016 10:45:00 PM	261900.000	19.248	16.162	43.872	1091.374	1313.025	0.661	892.857	916.276
11/12/2016 11:00:00 PM	262800.000	19.247	16.161	43.869	1116.573	1343.363	0.677	913.487	895.597
11/12/2016 11:15:00 PM	263700.000	19.256	16.162	43.890	1108.421	1333.542	0.672	906.808	902.184
11/12/2016 11:30:00 PM	264600.000	19.251	16.162	43.879	1099.660	1323.002	0.667	899.641	909.372
11/12/2016 11:45:00 PM	265500.000	19.244	16.162	43.862	1101.918	1325.718	0.668	901.488	907.509
11/13/2016 12:00:00 AM	266400.000	19.254	16.161	43.885	1094.298	1316.555	0.663	895.258	913.828
11/13/2016 12:15:00 AM	267300.000	19.252	16.161	43.881	1085.796	1306.324	0.658	888.300	920.983
11/13/2016 12:30:00 AM	268200.000	19.253	16.162	43.883	1086.461	1307.116	0.658	888.839	920.419
11/13/2016 12:45:00 AM	269100.000	19.251	16.162	43.878	1030.914	1240.286	0.623	843.395	970.013
11/13/2016 1:00:00 AM	270000.000	19.255	16.161	43.889	1050.107	1263.386	0.635	859.103	952.284
11/13/2016 1:15:00 AM	270900.000	19.253	16.161	43.884	1064.506	1280.715	0.644	870.886	939.403
11/13/2016 1:30:00 AM	271800.000	19.250	16.162	43.878	1029.754	1238.885	0.622	842.442	971.106
11/13/2016 1:45:00 AM	272700.000	19.259	16.161	43.898	1031.414	1240.902	0.624	843.813	969.543
11/13/2016 2:00:00 AM	273600.000	19.253	16.162	43.883	1038.930	1249.927	0.628	849.951	962.529
11/13/2016 2:15:00 AM	274500.000	19.257	16.162	43.894	1047.340	1260.048	0.634	856.833	954.800
11/13/2016 2:30:00 AM	275400.000	19.257	16.162	43.892	1040.617	1251.959	0.629	851.332	960.968
11/13/2016 2:45:00 AM	276300.000	19.246	16.162	43.868	1046.540	1259.093	0.633	856.183	955.529
11/13/2016 3:00:00 AM	277200.000	19.251	16.162	43.879	1055.774	1270.202	0.639	863.737	947.173
11/13/2016 3:15:00 AM	278100.000	19.250	16.161	43.877	1068.686	1285.739	0.647	874.303	935.728
11/13/2016 3:30:00 AM	279000.000	19.253	16.161	43.884	1109.990	1335.445	0.673	908.103	900.909
11/13/2016 3:45:00 AM	279900.000	19.260	16.161	43.900	1127.446	1356.439	0.684	922.379	886.960
11/13/2016 4:00:00 AM	280800.000	19.258	16.162	43.894	1126.501	1355.294	0.684	921.600	887.705
11/13/2016 4:15:00 AM	281700.000	19.255	16.161	43.888	1208.452	1453.898	0.736	988.651	827.505
11/13/2016 4:30:00 AM	282600.000	19.260	16.161	43.899	1288.088	1549.721	0.787	1053.810	776.345
11/13/2016 4:45:00 AM	283500.000	19.250	16.161	43.876	1291.748	1554.133	0.789	1056.811	774.145
11/13/2016 5:00:00 AM	284400.000	19.257	16.161	43.894	1259.178	1514.942	0.768	1030.160	794.169
11/13/2016 5:15:00 AM	285300.000	19.260	16.161	43.900	1269.881	1527.810	0.775	1038.911	787.475
11/13/2016 5:30:00 AM	286200.000	19.260	16.161	43.900	1280.575	1540.666	0.782	1047.653	780.899
11/13/2016 5:45:00 AM	287100.000	19.258	16.161	43.896	1295.680	1558.846	0.791	1060.016	771.795
11/13/2016 6:00:00 AM	288000.000	19.255	16.161	43.888	1303.857	1568.699	0.797	1066.715	766.955
11/13/2016 6:15:00 AM	288900.000	19.256	16.161	43.891	1315.948	1583.237	0.804	1076.601	759.908
11/13/2016 6:30:00 AM	289800.000	19.254	16.161	43.886	1326.542	1595.993	0.811	1085.275	753.839
11/13/2016 6:45:00 AM	290700.000	19.255	16.161	43.889	1327.656	1597.311	0.812	1086.171	753.207
11/13/2016 7:00:00 AM	291600.000	19.255	16.161	43.888	1330.783	1601.075	0.814	1088.731	751.437
11/13/2016 7:15:00 AM	292500.000	19.257	16.161	43.894	1322.773	1591.445	0.809	1082.183	755.987
11/13/2016 7:30:00 AM	293400.000	19.249	16.161	43.875	1318.288	1586.052	0.806	1078.516	758.559
11/13/2016 7:45:00 AM	294300.000	19.253	16.161	43.885	1301.877	1566.302	0.795	1065.085	768.122
11/13/2016 8:00:00 AM	295200.000	19.257	16.161	43.893	1295.563	1558.705	0.791	1059.919	771.865
11/13/2016 8:15:00 AM	296100.000	19.249	16.161	43.874	1334.490	1605.539	0.816	1091.766	749.350
11/13/2016 8:30:00 AM	297000.000	19.258	16.161	43.894	1328.683	1598.572	0.813	1087.029	752.625
11/13/2016 8:45:00 AM	297900.000	19.248	16.161	43.873	1319.869	1587.947	0.807	1079.804	757.651
11/13/2016 9:00:00 AM	298800.000	19.253	16.161	43.883	1321.598	1590.037	0.808	1081.225	756.660
11/13/2016 9:15:00 AM	299700.000	19.255	16.161	43.888	1321.630	1590.069	0.808	1081.247	756.642
11/13/2016 9:30:00 AM	300600.000	19.255	16.161	43.888	1371.693	1650.310	0.840	1122.211	729.026
11/13/2016 9:45:00 AM	301500.000	19.261	16.161	43.901	1365.377	1642.713	0.836	1117.045	732.398
11/13/2016 10:00:00 AM	302400.000	19.245	16.161	43.865	1349.700	1623.844	0.826	1104.214	740.906
11/13/2016 10:15:00 AM	303300.000	19.258	16.161	43.896	1339.647	1611.747	0.820	1095.988	746.465
11/13/2016 10:30:00 AM	304200.000	19.252	16.161	43.882	1334.196	1605.184	0.816	1091.525	749.515
11/13/2016 10:45:00 AM	305100.000	19.251	16.161	43.880	1329.121	1599.082	0.813	1087.376	752.377
11/13/2016 11:00:00 AM	306000.000	19.257	16.161	43.893	1299.688	1563.661	0.794	1063.290	769.416
11/13/2016 11:15:00 AM	306900.000	19.251	16.161	43.878	1278.317	1537.950	0.780	1045.806	782.278
11/13/2016 11:30:00 AM	307800.000	19.253	16.162	43.884	1290.408	1552.490	0.788	1055.693	

774.949	1.000	14.811						
11/13/2016 11:45:00 AM	308700.000	19.255	16.161	43.888	1290.891	1553.078	0.788	1056.093
774.659	1.000	14.810						
11/13/2016 12:00:00 PM	309600.000	19.261	16.161	43.902	1307.347	1572.895	0.799	1069.569
764.908	1.000	14.804						
11/13/2016 12:15:00 PM	310500.000	19.263	16.161	43.906	1308.516	1574.279	0.800	1070.509
764.225	1.000	14.799						
11/13/2016 12:30:00 PM	311400.000	19.255	16.161	43.888	1319.596	1587.620	0.807	1079.582
757.807	1.000	14.803						
11/13/2016 12:45:00 PM	312300.000	19.255	16.161	43.887	1328.215	1597.983	0.812	1086.628
752.890	1.000	14.805						
11/13/2016 1:00:00 PM	313200.000	19.253	16.161	43.884	1334.766	1605.867	0.816	1091.989
749.195	1.000	14.802						
11/13/2016 1:15:00 PM	314100.000	19.249	16.162	43.875	1340.227	1612.428	0.820	1096.451
746.142	1.000	14.805						
11/13/2016 1:30:00 PM	315000.000	19.251	16.161	43.879	1340.212	1612.426	0.820	1096.449
746.151	1.000	14.803						
11/13/2016 1:45:00 PM	315900.000	19.256	16.161	43.891	1317.259	1584.805	0.805	1077.667
759.152	1.000	14.796						
11/13/2016 2:00:00 PM	316800.000	19.252	16.161	43.881	1325.159	1594.312	0.810	1084.132
754.627	1.000	14.801						
11/13/2016 2:15:00 PM	317700.000	19.252	16.161	43.882	1326.374	1595.767	0.811	1085.122
753.935	1.000	14.797						
11/13/2016 2:30:00 PM	318600.000	19.249	16.161	43.875	1342.727	1615.449	0.821	1098.505
744.753	1.000	14.800						
11/13/2016 2:45:00 PM	319500.000	19.255	16.161	43.888	1352.604	1627.329	0.828	1106.584
739.314	1.000	14.795						
11/13/2016 3:00:00 PM	320400.000	19.253	16.161	43.883	1375.400	1654.765	0.842	1125.240
727.061	1.000	14.802						
11/13/2016 3:15:00 PM	321300.000	19.253	16.161	43.884	1393.323	1676.317	0.854	1139.896
717.709	1.000	14.801						
11/13/2016 3:30:00 PM	322200.000	19.251	16.161	43.880	1406.008	1691.589	0.862	1150.281
711.233	1.000	14.802						
11/13/2016 3:45:00 PM	323100.000	19.255	16.161	43.887	1413.690	1700.822	0.867	1156.559
707.369	1.000	14.805						
11/13/2016 4:00:00 PM	324000.000	19.258	16.161	43.894	1439.457	1731.839	0.884	1177.651
694.706	1.000	14.801						
11/13/2016 4:15:00 PM	324900.000	19.256	16.161	43.891	1469.821	1768.381	0.903	1202.499
680.355	1.000	14.803						
11/13/2016 4:30:00 PM	325800.000	19.259	16.161	43.898	1469.883	1768.449	0.903	1202.546
680.326	1.000	14.801						
11/13/2016 4:45:00 PM	326700.000	19.246	16.161	43.868	1487.672	1789.847	0.915	1217.096
672.191	1.000	14.807						
11/13/2016 5:00:00 PM	327600.000	19.258	16.161	43.894	1471.949	1770.917	0.905	1204.224
679.371	1.000	14.801						
11/13/2016 5:15:00 PM	328500.000	19.256	16.161	43.891	1512.489	1819.706	0.931	1237.400
661.162	1.000	14.803						
11/13/2016 5:30:00 PM	329400.000	19.259	16.161	43.896	1508.863	1815.354	0.928	1234.440
662.751	1.000	14.802						
11/13/2016 5:45:00 PM	330300.000	19.251	16.161	43.879	1513.621	1821.056	0.931	1238.318
660.667	1.000	14.808						
11/13/2016 6:00:00 PM	331200.000	19.255	16.161	43.889	1520.129	1828.901	0.936	1243.653
657.839	1.000	14.800						
11/13/2016 6:15:00 PM	332100.000	19.260	16.161	43.900	1539.353	1852.011	0.948	1259.368
649.624	1.000	14.806						
11/13/2016 6:30:00 PM	333000.000	19.253	16.161	43.883	1541.848	1855.043	0.950	1261.430
648.572	1.000	14.805						
11/13/2016 6:45:00 PM	333900.000	19.254	16.161	43.886	1551.939	1867.165	0.956	1269.672
644.355	1.000	14.809						
11/13/2016 7:00:00 PM	334800.000	19.259	16.161	43.897	1529.763	1840.480	0.942	1251.527
653.696	1.000	14.809						
11/13/2016 7:15:00 PM	335700.000	19.251	16.161	43.878	1532.355	1843.603	0.943	1253.650
652.590	1.000	14.818						
11/13/2016 7:30:00 PM	336600.000	19.256	16.161	43.890	1533.667	1845.178	0.944	1254.721
652.032	1.000	14.815						
11/13/2016 7:45:00 PM	337500.000	19.253	16.161	43.884	1528.550	1839.036	0.941	1250.545
654.215	1.000	14.814						
11/13/2016 8:00:00 PM	338400.000	19.263	16.161	43.906	1510.797	1817.677	0.930	1236.020
661.902	1.000	14.812						
11/13/2016 8:15:00 PM	339300.000	19.252	16.161	43.881	1510.091	1816.824	0.929	1235.441
662.212	1.000	14.813						
11/13/2016 8:30:00 PM	340200.000	19.261	16.161	43.902	1502.629	1807.829	0.924	1229.324
665.500	1.000	14.811						
11/13/2016 8:45:00 PM	341100.000	19.257	16.161	43.893	1498.585	1802.966	0.922	1226.017
667.296	1.000	14.810						
11/13/2016 9:00:00 PM	342000.000	19.255	16.162	43.889	1508.293	1814.617	0.928	1233.940
663.001	1.000	14.813						
11/13/2016 9:15:00 PM	342900.000	19.258	16.161	43.896	1514.717	1822.360	0.932	1239.205
660.189	1.000	14.817						
11/13/2016 9:30:00 PM	343800.000	19.251	16.161	43.879	1492.177	1795.257	0.918	1220.775
670.162	1.000	14.818						
11/13/2016 9:45:00 PM	344700.000	19.258	16.161	43.895	1501.603	1806.586	0.924	1228.479
665.955	1.000	14.813						
11/13/2016 10:00:00 PM	345600.000	19.251	16.161	43.880	1500.804	1805.644	0.923	1227.838
666.309	1.000	14.817						
11/13/2016 10:15:00 PM	346500.000	19.251	16.161	43.880	1493.154	1796.435	0.918	1221.576
669.723	1.000	14.822						
11/13/2016 10:30:00 PM	347400.000	19.255	16.161	43.889	1494.784	1798.408	0.919	1222.917
668.993	1.000	14.819						
11/13/2016 10:45:00 PM	348300.000	19.258	16.161	43.894	1475.368	1775.023	0.907	1207.016
677.797	1.000	14.818						
11/13/2016 11:00:00 PM	349200.000	19.252	16.162	43.880	1464.019	1761.348	0.899	1197.717
683.051	1.000	14.819						
11/13/2016 11:15:00 PM	350100.000	19.257	16.162	43.893	1481.420	1782.282	0.911	1211.952
675.028	1.000	14.818						
11/13/2016 11:30:00 PM	351000.000	19.253	16.161	43.883	1483.259	1784.528	0.912	1213.479
674.191	1.000	14.823						
11/13/2016 11:45:00 PM	351900.000	19.261	16.161	43.901	1484.398	1785.890	0.913	1214.405
673.674	1.000	14.815						
11/14/2016 12:00:00 AM	352800.000	19.255	16.162	43.887	1485.204	1786.838	0.913	1215.050
673.308	1.000	14.821						
11/14/2016 12:15:00 AM	353700.000	19.268	16.161	43.917	1486.885	1788.883	0.914	1216.440
672.547	1.000	14.814						
11/14/2016 12:30:00 AM	354600.000	19.257	16.161	43.893	1487.610	1789.754	0.915	1217.033
672.219	1.000	14.817						
11/14/2016 12:45:00 AM	355500.000	19.255	16.161	43.888	1490.217	1792.884	0.916	1219.161
671.043	1.000	14.815						
11/14/2016 1:00:00 AM	356400.000	19.263	16.162	43.907	1494.598	1798.152	0.919	1222.743
669.076	1.000	14.816						
11/14/2016 1:15:00 AM	357300.000	19.259	16.161	43.898	1498.542	1802.907	0.922	1225.977
667.315	1.000	14.815						
11/14/2016 1:30:00 AM	358200.000	19.260	16.161	43.900	1499.627	1804.227	0.922	1226.875
666.833	1.000	14.813						
11/14/2016 1:45:00 AM	359100.000	19.255	16.161	43.888	1502.548	1807.731	0.924	1229.257
665.536	1.000	14.814						
11/14/2016 2:00:00 AM	360000.000	19.257	16.162	43.893	1507.282	1813.408	0.927	1233.118
663.446	1.000	14.818						
11/14/2016 2:15:00 AM	360900.000	19.252	16.161	43.882	1511.161	1818.099	0.930	1236.308
661.743	1.000	14.816						
11/14/2016 2:30:00 AM	361800.000	19.264	16.161	43.908	1518.688	1827.156	0.935	1242.466
658.463	1.000	14.808						
11/14/2016 2:45:00 AM	362700.000	19.264	16.161	43.908	1526.677	1836.768	0.940	1249.002
655.017	1.000	14.815						
11/14/2016 3:00:00 AM	363600.000	19.255	16.161	43.888	1534.532	1846.226	0.945	1255.434
651.664	1.000	14.813						
11/14/2016 3:15:00 AM	364500.000	19.262	16.161	43.904	1542.611	1855.934	0.950	1262.036
648.252	1.000	14.809						
11/14/2016 3:30:00 AM	365400.000	19.264	16.161	43.909	1555.233	1871.140	0.958	1272.375
642.990	1.000	14.809						
11/14/2016 3:45:00 AM	366300.000	19.261	16.161	43.902	1568.323	1886.873	0.967	1283.074
637.624	1.000	14.811						
11/14/2016 4:00:00 AM	367200.000	19.260	16.161	43.899	1579.554	1900.382	0.974	1292.260
633.090	1.000	14.813						

11/14/2016 4:15:00 AM	368100.000	19.266	16.161	43.913	1595.192	1919.192	0.984	1305.050	626.884
1.000	14.809								
11/14/2016 4:30:00 AM	369000.000	19.259	16.161	43.898	1612.093	1939.521	0.995	1318.875	620.312
1.000	14.813								
11/14/2016 4:45:00 AM	369900.000	19.260	16.160	43.899	1627.921	1958.603	1.005	1331.850	614.280
1.000	14.810								
11/14/2016 5:00:00 AM	370800.000	19.258	16.161	43.895	1642.293	1975.863	1.015	1343.587	608.905
1.000	14.811								
11/14/2016 5:15:00 AM	371700.000	19.262	16.160	43.904	1654.744	1990.875	1.023	1353.795	604.323
1.000	14.810								
11/14/2016 5:30:00 AM	372600.000	19.261	16.161	43.903	1667.270	2005.926	1.031	1364.030	599.783
1.000	14.808								
11/14/2016 5:45:00 AM	373500.000	19.259	16.161	43.897	1676.371	2016.883	1.037	1371.481	596.527
1.000	14.812								
11/14/2016 6:00:00 AM	374400.000	19.264	16.161	43.909	1682.368	2024.078	1.041	1376.374	594.400
1.000	14.808								
11/14/2016 6:15:00 AM	375300.000	19.261	16.161	43.902	1686.694	2029.299	1.043	1379.924	592.876
1.000	14.811								
11/14/2016 6:30:00 AM	376200.000	19.270	16.161	43.922	1690.669	2034.066	1.046	1383.165	591.482
1.000	14.808								
11/14/2016 6:45:00 AM	377100.000	19.265	16.161	43.911	1693.615	2037.638	1.048	1385.594	590.453
1.000	14.808								
11/14/2016 7:00:00 AM	378000.000	19.261	16.161	43.901	1696.099	2040.614	1.050	1387.618	589.588
1.000	14.815								
11/14/2016 7:15:00 AM	378900.000	19.258	16.161	43.895	1698.249	2043.193	1.051	1389.371	588.842
1.000	14.821								
11/14/2016 7:30:00 AM	379800.000	19.267	16.161	43.916	1699.643	2044.866	1.052	1390.509	588.359
1.000	14.814								
11/14/2016 7:45:00 AM	380700.000	19.259	16.161	43.898	1701.445	2047.059	1.053	1392.000	587.736
1.000	14.822								
11/14/2016 8:00:00 AM	381600.000	19.256	16.160	43.890	1702.695	2048.574	1.054	1393.031	587.304
1.000	14.825								
11/14/2016 8:15:00 AM	382500.000	19.267	16.160	43.915	1703.844	2049.949	1.055	1393.966	586.908
1.000	14.818								
11/14/2016 8:30:00 AM	383400.000	19.257	16.161	43.894	1704.944	2051.243	1.055	1394.845	586.530
1.000	14.825								
11/14/2016 8:45:00 AM	384300.000	19.271	16.161	43.925	1705.848	2052.331	1.056	1395.585	586.219
1.000	14.819								
11/14/2016 9:00:00 AM	385200.000	19.251	16.161	43.879	1707.032	2053.768	1.057	1396.562	585.812
1.000	14.828								
11/14/2016 9:15:00 AM	386100.000	19.257	16.161	43.893	1708.213	2055.160	1.057	1397.509	585.407
1.000	14.824								
11/14/2016 9:30:00 AM	387000.000	19.255	16.161	43.889	1709.156	2056.311	1.058	1398.292	585.084
1.000	14.824								
11/14/2016 9:45:00 AM	387900.000	19.256	16.161	43.891	1709.391	2056.586	1.058	1398.478	585.004
1.000	14.827								
11/14/2016 10:00:00 AM	388800.000	19.263	16.161	43.906	1710.066	2057.402	1.059	1399.033	584.773
1.000	14.814								
11/14/2016 10:15:00 AM	389700.000	19.261	16.161	43.901	1711.025	2058.538	1.059	1399.806	584.445
1.000	14.815								
11/14/2016 10:30:00 AM	390600.000	19.257	16.161	43.893	1712.351	2060.139	1.060	1400.894	583.992
1.000	14.818								
11/14/2016 10:45:00 AM	391500.000	19.256	16.161	43.891	1713.702	2061.781	1.061	1402.011	583.532
1.000	14.820								
11/14/2016 11:00:00 AM	392400.000	19.260	16.162	43.899	1714.625	2062.866	1.062	1402.749	583.218
1.000	14.812								
11/14/2016 11:15:00 AM	393300.000	19.255	16.161	43.889	1715.954	2064.498	1.063	1403.859	582.766
1.000	14.813								
11/14/2016 11:30:00 AM	394200.000	19.256	16.161	43.891	1718.226	2067.223	1.064	1405.712	581.996
1.000	14.809								
11/14/2016 11:45:00 AM	395100.000	19.259	16.161	43.897	1721.155	2070.744	1.066	1408.106	581.005
1.000	14.805								
11/14/2016 12:00:00 PM	396000.000	19.258	16.162	43.896	1724.509	2074.749	1.068	1410.829	579.875
1.000	14.804								
11/14/2016 12:15:00 PM	396900.000	19.257	16.161	43.893	1726.406	2077.082	1.069	1412.416	579.238
1.000	14.803								
11/14/2016 12:30:00 PM	397800.000	19.257	16.161	43.894	1728.840	2079.993	1.071	1414.396	578.422
1.000	14.798								
11/14/2016 12:45:00 PM	398700.000	19.269	16.161	43.921	1731.669	2083.410	1.073	1416.719	577.477
1.000	14.798								
11/14/2016 1:00:00 PM	399600.000	19.257	16.161	43.891	1734.317	2086.574	1.074	1418.871	576.596
1.000	14.796								
11/14/2016 1:15:00 PM	400500.000	19.256	16.161	43.890	1736.180	2088.807	1.076	1420.389	575.977
1.000	14.799								
11/14/2016 1:30:00 PM	401400.000	19.259	16.161	43.898	1738.292	2091.377	1.077	1422.136	575.278
1.000	14.797								
11/14/2016 1:45:00 PM	402300.000	19.258	16.161	43.895	1739.822	2093.214	1.078	1423.386	574.772
1.000	14.796								
11/14/2016 2:00:00 PM	403200.000	19.275	16.161	43.934	1741.600	2095.344	1.079	1424.834	574.185
1.000	14.788								
11/14/2016 2:15:00 PM	404100.000	19.259	16.161	43.897	1743.570	2097.702	1.080	1426.438	573.536
1.000	14.793								
11/14/2016 2:30:00 PM	405000.000	19.265	16.162	43.911	1746.352	2101.037	1.082	1428.705	572.622
1.000	14.790								
11/14/2016 2:45:00 PM	405900.000	19.259	16.161	43.897	1749.730	2105.123	1.084	1431.484	571.517
1.000	14.795								
11/14/2016 3:00:00 PM	406800.000	19.262	16.161	43.905	1752.395	2108.329	1.086	1433.664	570.647
1.000	14.794								
11/14/2016 3:15:00 PM	407700.000	19.262	16.161	43.904	1753.367	2109.501	1.087	1434.461	570.331
1.000	14.796								
11/14/2016 3:30:00 PM	408600.000	19.263	16.161	43.907	1753.207	2109.301	1.087	1434.325	570.383
1.000	14.795								
11/14/2016 3:45:00 PM	409500.000	19.269	16.161	43.920	1753.720	2109.918	1.087	1434.744	570.217
1.000	14.797								
11/14/2016 4:00:00 PM	410400.000	19.265	16.161	43.911	1755.784	2112.409	1.088	1436.438	569.546
1.000	14.794								
11/14/2016 4:15:00 PM	411300.000	19.258	16.161	43.895	1755.775	2112.391	1.088	1436.426	569.549
1.000	14.799								
11/14/2016 4:30:00 PM	412200.000	19.262	16.161	43.904	1756.490	2113.246	1.089	1437.008	569.317
1.000	14.801								
11/14/2016 4:45:00 PM	413100.000	19.256	16.161	43.890	1758.382	2115.519	1.090	1438.553	568.705
1.000	14.800								
11/14/2016 5:00:00 PM	414000.000	19.262	16.161	43.904	1760.091	2117.613	1.091	1439.977	568.153
1.000	14.796								
11/14/2016 5:15:00 PM	414900.000	19.259	16.161	43.898	1766.621	2125.445	1.095	1445.302	566.052
1.000	14.799								
11/14/2016 5:30:00 PM	415800.000	19.265	16.161	43.912	1770.243	2129.805	1.098	1448.268	564.894
1.000	14.796								
11/14/2016 5:45:00 PM	416700.000	19.266	16.161	43.912	1774.487	2134.925	1.101	1451.749	563.543
1.000	14.795								
11/14/2016 6:00:00 PM	417600.000	19.260	16.161	43.900	1774.376	2134.778	1.101	1451.649	563.578
1.000	14.800								
11/14/2016 6:15:00 PM	418500.000	19.258	16.161	43.894	1773.437	2133.670	1.100	1450.895	563.877
1.000	14.806								
11/14/2016 6:30:00 PM	419400.000	19.263	16.161	43.906	1774.290	2134.662	1.100	1451.570	563.606
1.000	14.802								
11/14/2016 6:45:00 PM	420300.000	19.258	16.162	43.896	1775.907	2136.590	1.102	1452.881	563.093
1.000	14.805								
11/14/2016 7:00:00 PM	421200.000	19.265	16.161	43.910	1777.135	2138.097	1.102	1453.906	562.703
1.000	14.797								
11/14/2016 7:15:00 PM	422100.000	19.266	16.161	43.912	1778.542	2139.782	1.103	1455.052	562.258
1.000	14.798								
11/14/2016 7:30:00 PM	423000.000	19.260	16.161	43.899	1780.563	2142.243	1.105	1456.726	561.620
1.000	14.803								
11/14/2016 7:45:00 PM	423900.000	19.264	16.161	43.909	1782.626	2144.700	1.106	1458.396	560.970
1.000	14.802								
11/14/2016 8:00:00 PM	424800.000	19.266	16.162	43.913	1784.277	2146.652	1.107	1459.723	560.451
1.000	14.800								
11/14/2016 8:15:00 PM	425700.000	19.266	16.161	43.914	1785.499	2148.156	1.108	1460.746	560.068
1.000	14.797								
11/14/2016 8:30:00 PM	426600.000	19.269	16.161	43.920	1787.343	2150.383	1.109	1462.261	559.490
1.000	14.797								
11/14/2016 8:45:00 PM	427500.000	19.264	16.161	43.908	1788.425	2151.686	1.110	1463.146	

559.151	1.000	14.802						
11/14/2016 9:00:00 PM	428400.000	19.268	16.161	43.917	1791.864	2155.814	1.112	1465.954
558.078	1.000	14.798						
11/14/2016 9:15:00 PM	429300.000	19.256	16.161	43.890	1795.519	2160.220	1.114	1468.950
556.942	1.000	14.806						
11/14/2016 9:30:00 PM	430200.000	19.268	16.161	43.918	1796.442	2161.353	1.115	1469.720
556.656	1.000	14.800						
11/14/2016 9:45:00 PM	431100.000	19.267	16.161	43.915	1796.835	2161.804	1.115	1470.027
556.534	1.000	14.798						
11/14/2016 10:00:00 PM	432000.000	19.264	16.161	43.909	1796.632	2161.559	1.115	1469.860
556.597	1.000	14.803						
11/14/2016 10:15:00 PM	432900.000	19.258	16.161	43.894	1796.345	2161.218	1.115	1469.628
556.686	1.000	14.801						
11/14/2016 10:30:00 PM	433800.000	19.265	16.161	43.912	1796.910	2161.885	1.115	1470.082
556.511	1.000	14.799						
11/14/2016 10:45:00 PM	434700.000	19.261	16.161	43.902	1795.892	2160.677	1.115	1469.261
556.826	1.000	14.800						
11/14/2016 11:00:00 PM	435600.000	19.264	16.162	43.908	1793.543	2157.808	1.113	1467.309
557.556	1.000	14.795						
11/14/2016 11:15:00 PM	436500.000	19.258	16.161	43.895	1793.790	2158.131	1.113	1467.529
557.479	1.000	14.802						
11/14/2016 11:30:00 PM	437400.000	19.269	16.161	43.919	1794.806	2159.345	1.114	1468.355
557.163	1.000	14.805						
11/14/2016 11:45:00 PM	438300.000	19.265	16.161	43.912	1795.706	2160.427	1.114	1469.091
556.884	1.000	14.799						
11/15/2016 12:00:00 AM	439200.000	19.264	16.161	43.908	1796.812	2161.776	1.115	1470.008
556.541	1.000	14.801						
11/15/2016 12:15:00 AM	440100.000	19.263	16.162	43.905	1798.053	2163.239	1.116	1471.002
556.157	1.000	14.800						
11/15/2016 12:30:00 AM	441000.000	19.261	16.162	43.901	1798.842	2164.157	1.116	1471.627
555.913	1.000	14.801						
11/15/2016 12:45:00 AM	441900.000	19.273	16.162	43.929	1800.662	2166.373	1.118	1473.134
555.351	1.000	14.799						
11/15/2016 1:00:00 AM	442800.000	19.267	16.161	43.916	1803.297	2169.569	1.119	1475.307
554.540	1.000	14.797						
11/15/2016 1:15:00 AM	443700.000	19.266	16.161	43.912	1805.477	2172.183	1.121	1477.085
553.870	1.000	14.802						
11/15/2016 1:30:00 AM	444600.000	19.258	16.161	43.896	1807.171	2174.212	1.122	1478.464
553.351	1.000	14.806						
11/15/2016 1:45:00 AM	445500.000	19.268	16.161	43.918	1808.780	2176.162	1.123	1479.790
552.859	1.000	14.802						
11/15/2016 2:00:00 AM	446400.000	19.265	16.161	43.910	1810.318	2178.003	1.124	1481.042
552.389	1.000	14.804						
11/15/2016 2:15:00 AM	447300.000	19.271	16.162	43.925	1811.662	2179.611	1.125	1482.136
551.979	1.000	14.796						
11/15/2016 2:30:00 AM	448200.000	19.265	16.161	43.911	1813.084	2181.335	1.126	1483.308
551.546	1.000	14.801						
11/15/2016 2:45:00 AM	449100.000	19.261	16.162	43.901	1814.922	2183.530	1.127	1484.800
550.988	1.000	14.807						
11/15/2016 3:00:00 AM	450000.000	19.266	16.161	43.914	1817.519	2186.697	1.129	1486.954
550.201	1.000	14.804						
11/15/2016 3:15:00 AM	450900.000	19.261	16.161	43.902	1820.033	2189.721	1.130	1489.011
549.441	1.000	14.802						
11/15/2016 3:30:00 AM	451800.000	19.264	16.161	43.910	1822.161	2192.260	1.132	1490.737
548.799	1.000	14.807						
11/15/2016 3:45:00 AM	452700.000	19.274	16.161	43.932	1824.354	2194.916	1.133	1492.543
548.139	1.000	14.795						
11/15/2016 4:00:00 AM	453600.000	19.269	16.161	43.920	1826.398	2197.349	1.134	1494.198
547.526	1.000	14.797						
11/15/2016 4:15:00 AM	454500.000	19.267	16.161	43.916	1828.559	2199.963	1.136	1495.975
546.879	1.000	14.799						
11/15/2016 4:30:00 AM	455400.000	19.272	16.161	43.927	1830.698	2202.536	1.137	1497.724
546.240	1.000	14.798						
11/15/2016 4:45:00 AM	456300.000	19.266	16.161	43.913	1832.564	2204.771	1.139	1499.245
545.684	1.000	14.799						
11/15/2016 5:00:00 AM	457200.000	19.264	16.161	43.908	1834.804	2207.485	1.140	1501.090
545.017	1.000	14.801						
11/15/2016 5:15:00 AM	458100.000	19.267	16.161	43.916	1839.108	2212.636	1.143	1504.593
543.742	1.000	14.795						
11/15/2016 5:30:00 AM	459000.000	19.270	16.161	43.923	1842.827	2217.128	1.145	1507.647
542.645	1.000	14.799						
11/15/2016 5:45:00 AM	459900.000	19.273	16.162	43.929	1844.834	2219.521	1.147	1509.274
542.054	1.000	14.801						
11/15/2016 6:00:00 AM	460800.000	19.279	16.161	43.943	1846.619	2221.721	1.148	1510.771
541.530	1.000	14.795						
11/15/2016 6:15:00 AM	461700.000	19.266	16.161	43.914	1847.924	2223.279	1.149	1511.829
541.148	1.000	14.800						
11/15/2016 6:30:00 AM	462600.000	19.267	16.161	43.915	1849.704	2225.406	1.150	1513.277
540.627	1.000	14.800						
11/15/2016 6:45:00 AM	463500.000	19.267	16.161	43.915	1850.685	2226.591	1.150	1514.082
540.341	1.000	14.800						
11/15/2016 7:00:00 AM	464400.000	19.267	16.161	43.916	1851.138	2227.114	1.151	1514.437
540.208	1.000	14.798						
11/15/2016 7:15:00 AM	465300.000	19.264	16.162	43.910	1852.133	2228.302	1.151	1515.245
539.918	1.000	14.795						
11/15/2016 7:30:00 AM	466200.000	19.271	16.161	43.924	1853.300	2229.710	1.152	1516.203
539.578	1.000	14.798						
11/15/2016 7:45:00 AM	467100.000	19.266	16.161	43.913	1854.760	2231.486	1.153	1517.410
539.153	1.000	14.793						
11/15/2016 8:00:00 AM	468000.000	19.269	16.161	43.919	1856.319	2233.356	1.154	1518.682
538.701	1.000	14.792						
11/15/2016 8:15:00 AM	468900.000	19.269	16.161	43.919	1859.471	2237.176	1.156	1521.280
537.787	1.000	14.796						
11/15/2016 8:30:00 AM	469800.000	19.270	16.161	43.922	1863.066	2241.505	1.158	1524.224
536.750	1.000	14.789						
11/15/2016 8:45:00 AM	470700.000	19.260	16.161	43.899	1866.675	2245.847	1.161	1527.176
535.712	1.000	14.801						
11/15/2016 9:00:00 AM	471600.000	19.268	16.161	43.918	1869.477	2249.223	1.163	1529.472
534.909	1.000	14.797						
11/15/2016 9:15:00 AM	472500.000	19.260	16.161	43.899	1871.222	2251.313	1.164	1530.893
534.410	1.000	14.800						
11/15/2016 9:30:00 AM	473400.000	19.268	16.161	43.917	1871.948	2252.146	1.164	1531.459
534.203	1.000	14.798						
11/15/2016 9:45:00 AM	474300.000	19.268	16.161	43.917	1873.915	2254.540	1.166	1533.087
533.642	1.000	14.799						
11/15/2016 10:00:00 AM	475200.000	19.264	16.162	43.908	1875.560	2256.487	1.167	1534.411
533.174	1.000	14.802						
11/15/2016 10:15:00 AM	476100.000	19.259	16.161	43.897	1877.502	2258.851	1.168	1536.019
532.622	1.000	14.801						
11/15/2016 10:30:00 AM	477000.000	19.271	16.161	43.925	1879.182	2260.890	1.169	1537.405
532.146	1.000	14.797						
11/15/2016 10:45:00 AM	477900.000	19.270	16.161	43.923	1880.458	2262.407	1.170	1538.437
531.785	1.000	14.802						
11/15/2016 11:00:00 AM	478800.000	19.267	16.161	43.915	1882.010	2264.283	1.171	1539.713
531.347	1.000	14.796						
11/15/2016 11:15:00 AM	479700.000	19.267	16.161	43.916	1883.602	2266.186	1.172	1541.006
530.898	1.000	14.793						
11/15/2016 11:30:00 AM	480600.000	19.269	16.161	43.920	1885.646	2268.649	1.173	1542.681
530.322	1.000	14.790						
11/15/2016 11:45:00 AM	481500.000	19.271	16.161	43.926	1888.914	2272.589	1.175	1545.361
529.405	1.000	14.787						
11/15/2016 12:00:00 PM	482400.000	19.262	16.161	43.904	1891.737	2275.987	1.177	1547.671
528.615	1.000	14.787						
11/15/2016 12:15:00 PM	483300.000	19.263	16.162	43.906	1893.450	2278.010	1.178	1549.047
528.137	1.000	14.782						
11/15/2016 12:30:00 PM	484200.000	19.269	16.161	43.921	1894.313	2279.073	1.179	1549.769
527.896	1.000	14.778						
11/15/2016 12:45:00 PM	485100.000	19.272	16.161	43.926	1894.885	2279.764	1.179	1550.239
527.737	1.000	14.775						
11/15/2016 1:00:00 PM	486000.000	19.266	16.162	43.914	1895.682	2280.696	1.180	1550.873
527.515	1.000	14.773						
11/15/2016 1:15:00 PM	486900.000	19.276	16.161	43.936	1896.554	2281.778	1.180	1551.609
527.272	1.000	14.768						

11/15/2016 1:30:00 PM	487800.000	19.278	16.161	43.941	1897.273	2282.643	1.181	1552.197	527.072
11/15/2016 1:45:00 PM	488700.000	19.268	16.161	43.917	1898.099	2283.622	1.181	1552.863	526.843
11/15/2016 2:00:00 PM	489600.000	19.260	16.161	43.899	1899.098	2284.815	1.182	1553.674	526.566
11/15/2016 2:15:00 PM	490500.000	19.265	16.161	43.911	1900.224	2286.174	1.183	1554.599	526.254
11/15/2016 2:30:00 PM	491400.000	19.266	16.161	43.913	1901.554	2287.764	1.184	1555.680	525.886
11/15/2016 2:45:00 PM	492300.000	19.269	16.161	43.919	1903.284	2289.846	1.185	1557.095	525.408
11/15/2016 3:00:00 PM	493200.000	19.261	16.161	43.902	1904.519	2291.360	1.186	1558.125	525.067
11/15/2016 3:15:00 PM	494100.000	19.273	16.161	43.928	1906.590	2293.847	1.187	1559.816	524.497
11/15/2016 3:30:00 PM	495000.000	19.266	16.161	43.913	1908.665	2296.334	1.188	1561.507	523.927
11/15/2016 3:45:00 PM	495900.000	19.275	16.161	43.933	1910.136	2298.118	1.189	1562.721	523.523
11/15/2016 4:00:00 PM	496800.000	19.270	16.161	43.923	1912.032	2300.404	1.191	1564.275	523.004
11/15/2016 4:15:00 PM	497700.000	19.268	16.161	43.918	1913.690	2302.389	1.192	1565.624	522.551
11/15/2016 4:30:00 PM	498600.000	19.267	16.161	43.915	1915.091	2304.070	1.193	1566.768	522.168
11/15/2016 4:45:00 PM	499500.000	19.270	16.161	43.922	1916.911	2306.246	1.194	1568.248	521.672
11/15/2016 5:00:00 PM	500400.000	19.275	16.161	43.935	1917.917	2307.465	1.194	1569.077	521.399
11/15/2016 5:15:00 PM	501300.000	19.266	16.161	43.914	1919.061	2308.850	1.195	1570.018	521.088
11/15/2016 5:30:00 PM	502200.000	19.265	16.161	43.911	1920.067	2310.047	1.196	1570.832	520.815
11/15/2016 5:45:00 PM	503100.000	19.272	16.162	43.927	1920.843	2310.962	1.196	1571.454	520.605
11/15/2016 6:00:00 PM	504000.000	19.274	16.161	43.932	1921.852	2312.190	1.197	1572.289	520.331
11/15/2016 6:15:00 PM	504900.000	19.271	16.161	43.926	1922.489	2312.970	1.197	1572.820	520.159
11/15/2016 6:30:00 PM	505800.000	19.270	16.161	43.923	1923.243	2313.892	1.198	1573.446	519.955
11/15/2016 6:45:00 PM	506700.000	19.263	16.161	43.906	1923.651	2314.355	1.198	1573.761	519.845
11/15/2016 7:00:00 PM	507600.000	19.270	16.161	43.922	1924.590	2315.494	1.199	1574.536	519.591
11/15/2016 7:15:00 PM	508500.000	19.270	16.161	43.922	1925.064	2316.064	1.199	1574.923	519.463
11/15/2016 7:30:00 PM	509400.000	19.269	16.161	43.921	1925.865	2317.032	1.200	1575.582	519.247
11/15/2016 7:45:00 PM	510300.000	19.274	16.161	43.930	1926.491	2317.799	1.200	1576.103	519.079
11/15/2016 8:00:00 PM	511200.000	19.277	16.161	43.939	1926.783	2318.133	1.200	1576.330	519.000
11/15/2016 8:15:00 PM	512100.000	19.268	16.161	43.917	1927.518	2319.007	1.201	1576.925	518.802
11/15/2016 8:30:00 PM	513000.000	19.272	16.161	43.927	1928.260	2319.914	1.201	1577.542	518.602
11/15/2016 8:45:00 PM	513900.000	19.266	16.161	43.914	1929.070	2320.911	1.202	1578.220	518.385
11/15/2016 9:00:00 PM	514800.000	19.275	16.161	43.933	1929.829	2321.821	1.202	1578.838	518.181
11/15/2016 9:15:00 PM	515700.000	19.265	16.161	43.911	1930.790	2322.967	1.203	1579.618	517.923
11/15/2016 9:30:00 PM	516600.000	19.274	16.161	43.931	1931.622	2323.949	1.203	1580.285	517.700
11/15/2016 9:45:00 PM	517500.000	19.266	16.161	43.914	1932.383	2324.869	1.204	1580.911	517.496
11/15/2016 10:00:00 PM	518400.000	19.269	16.162	43.920	1933.256	2325.901	1.204	1581.613	517.262
11/15/2016 10:15:00 PM	519300.000	19.265	16.161	43.912	1934.323	2327.199	1.205	1582.495	516.977
11/15/2016 10:30:00 PM	520200.000	19.265	16.162	43.911	1935.229	2328.275	1.206	1583.227	516.735
11/15/2016 10:45:00 PM	521100.000	19.263	16.161	43.906	1935.860	2329.062	1.206	1583.762	516.566
11/15/2016 11:00:00 PM	522000.000	19.267	16.161	43.915	1936.705	2330.074	1.207	1584.450	516.341
11/15/2016 11:15:00 PM	522900.000	19.261	16.161	43.902	1937.465	2330.969	1.207	1585.059	516.138
11/15/2016 11:30:00 PM	523800.000	19.275	16.161	43.933	1938.141	2331.783	1.208	1585.612	515.958
11/15/2016 11:45:00 PM	524700.000	19.263	16.162	43.907	1938.987	2332.796	1.208	1586.301	515.733
11/16/2016 12:00:00 AM	525600.000	19.266	16.161	43.914	1939.560	2333.509	1.209	1586.786	515.581
11/16/2016 12:15:00 AM	526500.000	19.266	16.161	43.912	1940.559	2334.697	1.209	1587.594	515.315
11/16/2016 12:30:00 AM	527400.000	19.267	16.161	43.917	1941.290	2335.571	1.210	1588.188	515.121
11/16/2016 12:45:00 AM	528300.000	19.269	16.161	43.921	1941.981	2336.413	1.210	1588.761	514.938
11/16/2016 1:00:00 AM	529200.000	19.265	16.161	43.910	1942.738	2337.327	1.211	1589.383	514.738
11/16/2016 1:15:00 AM	530100.000	19.272	16.161	43.928	1943.121	2337.773	1.211	1589.686	514.636
11/16/2016 1:30:00 AM	531000.000	19.271	16.162	43.924	1943.698	2338.459	1.211	1590.152	514.483
11/16/2016 1:45:00 AM	531900.000	19.275	16.162	43.934	1943.500	2338.216	1.211	1589.987	514.536
11/16/2016 2:00:00 AM	532800.000	19.268	16.162	43.918	1939.280	2333.120	1.208	1586.521	515.655
11/16/2016 2:15:00 AM	533700.000	19.270	16.162	43.921	1936.666	2329.980	1.207	1584.387	516.351
11/16/2016 2:30:00 AM	534600.000	19.269	16.162	43.920	1932.131	2324.538	1.204	1580.686	517.563
11/16/2016 2:45:00 AM	535500.000	19.275	16.162	43.934	1935.932	2329.111	1.206	1583.795	516.547
11/16/2016 3:00:00 AM	536400.000	19.274	16.161	43.932	1934.733	2327.702	1.205	1582.838	516.867
11/16/2016 3:15:00 AM	537300.000	19.271	16.161	43.925	1934.239	2327.088	1.205	1582.420	516.999
11/16/2016 3:30:00 AM	538200.000	19.268	16.162	43.918	1933.295	2325.938	1.204	1581.638	517.252
11/16/2016 3:45:00 AM	539100.000	19.273	16.161	43.929	1934.665	2327.606	1.205	1582.772	516.885
11/16/2016 4:00:00 AM	540000.000	19.275	16.162	43.934	1937.004	2330.410	1.207	1584.679	516.261
11/16/2016 4:15:00 AM	540900.000	19.269	16.161	43.921	1928.013	2319.597	1.201	1577.326	518.669
11/16/2016 4:30:00 AM	541800.000	19.266	16.161	43.913	1924.087	2314.879	1.198	1574.118	519.727
11/16/2016 4:45:00 AM	542700.000	19.267	16.162	43.915	1927.232	2318.649	1.200	1576.682	518.879
11/16/2016 5:00:00 AM	543600.000	19.268	16.161	43.918	1931.311	2323.580	1.203	1580.034	517.783
11/16/2016 5:15:00 AM	544500.000	19.273	16.161	43.930	1935.700	2328.865	1.206	1583.628	516.609
11/16/2016 5:30:00 AM	545400.000	19.269	16.161	43.921	1939.317	2333.212	1.208	1586.584	515.645
11/16/2016 5:45:00 AM	546300.000	19.272	16.161	43.927	1943.392	2338.115	1.211	1589.918	514.564
11/16/2016 6:00:00 AM	547200.000	19.278	16.161	43.941	1946.981	2342.418	1.213	1592.845	

513.616	1.000	14.765						
11/16/2016 6:15:00 AM	548100.000	19.280	16.161	43.946	1951.865	2348.299	1.217	1596.844
512.330	1.000	14.767						
11/16/2016 6:30:00 AM	549000.000	19.264	16.161	43.909	1955.335	2352.512	1.219	1599.708
511.421	1.000	14.779						
11/16/2016 6:45:00 AM	549900.000	19.274	16.161	43.931	1958.986	2356.885	1.221	1602.682
510.468	1.000	14.778						
11/16/2016 7:00:00 AM	550800.000	19.278	16.161	43.940	1961.430	2359.811	1.223	1604.672
509.832	1.000	14.771						
11/16/2016 7:15:00 AM	551700.000	19.271	16.161	43.924	1962.784	2361.445	1.224	1605.783
509.480	1.000	14.778						
11/16/2016 7:30:00 AM	552600.000	19.268	16.161	43.918	1966.985	2366.490	1.227	1609.213
508.392	1.000	14.784						
11/16/2016 7:45:00 AM	553500.000	19.270	16.161	43.923	1969.643	2369.727	1.228	1611.414
507.706	1.000	14.782						
11/16/2016 8:00:00 AM	554400.000	19.271	16.161	43.925	1972.115	2372.681	1.230	1613.423
507.070	1.000	14.786						
11/16/2016 8:15:00 AM	555300.000	19.277	16.160	43.938	1973.669	2374.584	1.231	1614.717
506.671	1.000	14.790						
11/16/2016 8:30:00 AM	556200.000	19.269	16.161	43.919	1974.794	2375.933	1.232	1615.634
506.382	1.000	14.788						
11/16/2016 8:45:00 AM	557100.000	19.269	16.161	43.919	1976.356	2377.803	1.233	1616.906
505.982	1.000	14.787						
11/16/2016 9:00:00 AM	558000.000	19.273	16.161	43.929	1977.526	2379.205	1.233	1617.860
505.682	1.000	14.786						
11/16/2016 9:15:00 AM	558900.000	19.279	16.161	43.944	1978.462	2380.322	1.234	1618.619
505.443	1.000	14.781						
11/16/2016 9:30:00 AM	559800.000	19.270	16.160	43.922	1979.236	2381.287	1.235	1619.275
505.246	1.000	14.790						
11/16/2016 9:45:00 AM	560700.000	19.278	16.161	43.941	1980.079	2382.262	1.235	1619.939
505.030	1.000	14.786						
11/16/2016 10:00:00 AM	561600.000	19.272	16.161	43.926	1980.839	2383.201	1.236	1620.577
504.836	1.000	14.789						
11/16/2016 10:15:00 AM	562500.000	19.275	16.161	43.933	1981.381	2383.829	1.236	1621.004
504.699	1.000	14.784						
11/16/2016 10:30:00 AM	563400.000	19.271	16.161	43.924	1982.031	2384.611	1.236	1621.535
504.533	1.000	14.785						
11/16/2016 10:45:00 AM	564300.000	19.274	16.161	43.931	1982.454	2385.120	1.237	1621.882
504.425	1.000	14.783						
11/16/2016 11:00:00 AM	565200.000	19.280	16.161	43.944	1983.103	2385.891	1.237	1622.406
504.260	1.000	14.780						
11/16/2016 11:15:00 AM	566100.000	19.266	16.161	43.914	1983.472	2386.335	1.237	1622.708
504.166	1.000	14.788						
11/16/2016 11:30:00 AM	567000.000	19.276	16.161	43.937	1983.878	2386.829	1.238	1623.044
504.063	1.000	14.781						
11/16/2016 11:45:00 AM	567900.000	19.276	16.161	43.936	1984.467	2387.538	1.238	1623.526
503.914	1.000	14.777						
11/16/2016 12:00:00 PM	568800.000	19.273	16.161	43.929	1984.934	2388.084	1.238	1623.898
503.795	1.000	14.775						
11/16/2016 12:15:00 PM	569700.000	19.281	16.161	43.946	1985.329	2388.575	1.239	1624.231
503.695	1.000	14.766						
11/16/2016 12:30:00 PM	570600.000	19.267	16.161	43.916	1985.649	2388.959	1.239	1624.493
503.614	1.000	14.773						
11/16/2016 12:45:00 PM	571500.000	19.271	16.161	43.925	1986.090	2389.494	1.239	1624.856
503.502	1.000	14.769						
11/16/2016 1:00:00 PM	572400.000	19.284	16.161	43.953	1986.143	2389.544	1.239	1624.890
503.488	1.000	14.764						
11/16/2016 1:15:00 PM	573300.000	19.269	16.161	43.920	1986.352	2389.809	1.239	1625.070
503.436	1.000	14.766						
11/16/2016 1:30:00 PM	574200.000	19.278	16.162	43.941	1986.907	2390.439	1.240	1625.498
503.295	1.000	14.755						
11/16/2016 1:45:00 PM	575100.000	19.268	16.161	43.917	1987.507	2391.180	1.240	1626.003
503.143	1.000	14.756						
11/16/2016 2:00:00 PM	576000.000	19.271	16.161	43.924	1988.014	2391.805	1.240	1626.427
503.014	1.000	14.755						
11/16/2016 2:15:00 PM	576900.000	19.270	16.161	43.922	1988.693	2392.640	1.241	1626.995
502.843	1.000	14.758						
11/16/2016 2:30:00 PM	577800.000	19.278	16.161	43.940	1988.819	2392.763	1.241	1627.079
502.811	1.000	14.754						
11/16/2016 2:45:00 PM	578700.000	19.276	16.162	43.935	1990.029	2394.204	1.242	1628.059
502.505	1.000	14.752						
11/16/2016 3:00:00 PM	579600.000	19.268	16.161	43.918	1990.828	2395.181	1.242	1628.723
502.303	1.000	14.754						
11/16/2016 3:15:00 PM	580500.000	19.274	16.161	43.931	1991.459	2395.963	1.243	1629.255
502.145	1.000	14.756						
11/16/2016 3:30:00 PM	581400.000	19.278	16.161	43.941	1992.523	2397.209	1.243	1630.102
501.876	1.000	14.755						
11/16/2016 3:45:00 PM	582300.000	19.274	16.161	43.931	1993.094	2397.896	1.244	1630.570
501.732	1.000	14.755						
11/16/2016 4:00:00 PM	583200.000	19.273	16.162	43.930	1986.512	2389.955	1.239	1625.169
503.395	1.000	14.755						
11/16/2016 4:15:00 PM	584100.000	19.273	16.161	43.928	1985.473	2388.748	1.239	1624.349
503.658	1.000	14.756						
11/16/2016 4:30:00 PM	585000.000	19.274	16.161	43.932	1986.659	2390.160	1.239	1625.309
503.358	1.000	14.756						
11/16/2016 4:45:00 PM	585900.000	19.278	16.162	43.940	1986.383	2389.818	1.239	1625.077
503.428	1.000	14.756						
11/16/2016 5:00:00 PM	586800.000	19.276	16.161	43.936	1987.544	2391.219	1.240	1626.029
503.134	1.000	14.754						
11/16/2016 5:15:00 PM	587700.000	19.275	16.162	43.933	1989.581	2393.665	1.241	1627.693
502.618	1.000	14.757						
11/16/2016 5:30:00 PM	588600.000	19.278	16.161	43.941	1992.208	2396.841	1.243	1629.852
501.956	1.000	14.761						
11/16/2016 5:45:00 PM	589500.000	19.280	16.161	43.945	1983.958	2386.920	1.238	1623.106
504.043	1.000	14.761						
11/16/2016 6:00:00 PM	590400.000	19.276	16.161	43.935	1979.414	2381.444	1.235	1619.382
505.200	1.000	14.769						
11/16/2016 6:15:00 PM	591300.000	19.275	16.162	43.933	1977.456	2379.073	1.233	1617.770
505.700	1.000	14.765						
11/16/2016 6:30:00 PM	592200.000	19.272	16.161	43.926	1975.921	2377.250	1.232	1616.530
506.093	1.000	14.767						
11/16/2016 6:45:00 PM	593100.000	19.277	16.162	43.937	1974.078	2374.995	1.231	1614.997
506.566	1.000	14.767						
11/16/2016 7:00:00 PM	594000.000	19.271	16.161	43.925	1976.436	2377.855	1.233	1616.942
505.961	1.000	14.768						
11/16/2016 7:15:00 PM	594900.000	19.275	16.161	43.933	1978.139	2379.905	1.234	1618.335
505.526	1.000	14.763						
11/16/2016 7:30:00 PM	595800.000	19.273	16.161	43.929	1977.933	2379.657	1.234	1618.167
505.578	1.000	14.771						
11/16/2016 7:45:00 PM	596700.000	19.275	16.161	43.933	1976.437	2377.886	1.233	1616.963
505.961	1.000	14.772						
11/16/2016 8:00:00 PM	597600.000	19.278	16.161	43.939	1974.444	2375.469	1.231	1615.319
506.472	1.000	14.772						
11/16/2016 8:15:00 PM	598500.000	19.280	16.161	43.944	1985.760	2389.093	1.239	1624.583
503.586	1.000	14.765						
11/16/2016 8:30:00 PM	599400.000	19.267	16.161	43.916	1988.003	2391.791	1.240	1626.418
503.017	1.000	14.773						
11/16/2016 8:45:00 PM	600300.000	19.280	16.161	43.946	1987.931	2391.695	1.240	1626.353
503.035	1.000	14.769						
11/16/2016 9:00:00 PM	601200.000	19.274	16.161	43.932	1985.856	2389.204	1.239	1624.659
503.561	1.000	14.773						
11/16/2016 9:15:00 PM	602100.000	19.278	16.161	43.940	1982.492	2385.162	1.237	1621.910
504.416	1.000	14.774						
11/16/2016 9:30:00 PM	603000.000	19.270	16.161	43.921	1980.893	2383.223	1.236	1620.592
504.823	1.000	14.776						
11/16/2016 9:45:00 PM	603900.000	19.274	16.162	43.932	1978.139	2379.895	1.234	1618.329
505.526	1.000	14.773						
11/16/2016 10:00:00 PM	604800.000	19.276	16.162	43.937	1976.779	2378.263	1.233	1617.219
505.874	1.000	14.778						
11/16/2016 10:15:00 PM	605700.000	19.274	16.161	43.930	1975.858	2377.159	1.232	1616.468
506.109	1.000	14.778						
11/16/2016 10:30:00 PM	606600.000	19.276	16.161	43.937	1975.510	2376.751	1.232	1616.191
506.198	1.000	14.775						

11/16/2016 10:45:00 PM	607500.000	19.275	16.162	43.934	1974.598	2375.630	1.232	1615.428
506.432	1.000	14.774						
11/16/2016 11:00:00 PM	608400.000	19.277	16.161	43.938	1974.201	2375.181	1.231	1615.123
506.534	1.000	14.772						
11/16/2016 11:15:00 PM	609300.000	19.272	16.162	43.927	1973.821	2374.686	1.231	1614.787
506.631	1.000	14.773						
11/16/2016 11:30:00 PM	610200.000	19.276	16.162	43.936	1973.290	2374.066	1.231	1614.365
506.768	1.000	14.773						
11/16/2016 11:45:00 PM	611100.000	19.273	16.162	43.930	1972.573	2373.198	1.230	1613.775
506.952	1.000	14.774						

Report Date: 11/18/2016 8:37:50 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9D LT Test_2016-11-17_15-20-24-258-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/14/2016 6:00:40 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53:47 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56:59 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46:54 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36:38 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25:56 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32:15 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:24:10 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02:30 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37:37 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 2:46:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08:18 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 3:45:31 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 1:49:21 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22:30 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13:28 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50:50 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:23:46 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49:47 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:13:45 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20:24 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53:22 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47:24 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19:31 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:34:38 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 5:29:33 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM
7/21/2016 10:12:11 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 5:56:19 PM	Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
8/4/2016 2:32:07 PM	Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM
8/11/2016 10:18:10 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
8/18/2016 3:13:55 PM	Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM
8/25/2016 12:04:26 PM	Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:00:00 PM
9/1/2016 3:44:13 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:15:00 PM
9/8/2016 6:04:39 PM	Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:45:00 PM
9/15/2016 2:29:01 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM
9/22/2016 12:18:03 PM	Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:15:00 PM
10/1/2016 11:00:05 AM	Log Download - Used Battery: 13% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:44:07 PM	Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:30:00 PM
10/13/2016 4:03:20 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:28:07 PM	Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 5:00:00 PM
10/27/2016 4:52:39 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:04:45 PM	Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 7:53:11 AM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM
11/17/2016 3:19:14 PM	Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 742
Sensors: 2
1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | Sensor: PCTD(A) 658.7ft SN#: 437458 | 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)
11/10/2016 12:00:00 AM	7200.000	151.889	21.094	350.708	721.757	779.948	0.386	530.365	1385.507	0.998	14.743
11/10/2016 12:15:00 AM	8100.000	151.885	21.101	350.698	721.914	780.000	0.386	530.400	1385.206	0.998	14.744
11/10/2016 12:30:00 AM	9000.000	151.878	21.106	350.683	722.379	780.429	0.386	530.692			

1384.314	0.998	14.746						
11/10/2016 12:45:00 AM	9900.000	151.883	21.111	350.694	722.677	780.667	0.386	530.853
1383.743	0.998	14.746						
11/10/2016 1:00:00 AM	10800.000	151.885	21.106	350.697	722.395	780.444	0.386	530.702
1384.284	0.998	14.745						
11/10/2016 1:15:00 AM	11700.000	151.854	21.107	350.626	722.567	780.614	0.386	530.817
1383.955	0.998	14.741						
11/10/2016 1:30:00 AM	12600.000	151.889	21.108	350.706	722.303	780.311	0.386	530.612
1384.461	0.998	14.741						
11/10/2016 1:45:00 AM	13500.000	151.889	21.109	350.706	721.449	779.368	0.385	529.970
1386.100	0.998	14.736						
11/10/2016 2:00:00 AM	14400.000	151.890	21.115	350.709	721.219	779.028	0.385	529.739
1386.541	0.998	14.740						
11/10/2016 2:15:00 AM	15300.000	151.886	21.106	350.699	720.792	778.703	0.385	529.518
1387.363	0.998	14.739						
11/10/2016 2:30:00 AM	16200.000	151.898	21.105	350.728	721.380	779.368	0.385	529.970
1386.231	0.998	14.737						
11/10/2016 2:45:00 AM	17100.000	151.899	21.105	350.729	721.876	779.893	0.386	530.327
1385.279	0.998	14.739						
11/10/2016 3:00:00 AM	18000.000	151.893	21.109	350.715	722.444	780.453	0.386	530.708
1384.190	0.998	14.739						
11/10/2016 3:15:00 AM	18900.000	151.896	21.108	350.723	722.175	780.165	0.386	530.512
1384.706	0.998	14.741						
11/10/2016 3:30:00 AM	19800.000	151.901	21.101	350.734	721.238	779.270	0.385	529.904
1386.505	0.998	14.737						
11/10/2016 3:45:00 AM	20700.000	151.906	21.096	350.746	721.489	779.627	0.386	530.147
1386.023	0.998	14.738						
11/10/2016 4:00:00 AM	21600.000	151.898	21.105	350.728	723.473	781.618	0.387	531.500
1382.222	0.998	14.742						
11/10/2016 4:15:00 AM	22500.000	151.911	21.098	350.759	723.500	781.762	0.387	531.598
1382.170	0.998	14.735						
11/10/2016 4:30:00 AM	23400.000	151.910	21.106	350.757	723.484	781.622	0.387	531.503
1382.200	0.998	14.736						
11/10/2016 4:45:00 AM	24300.000	151.921	21.101	350.780	723.102	781.279	0.386	531.270
1382.931	0.998	14.732						
11/10/2016 5:00:00 AM	25200.000	151.920	21.108	350.778	723.172	781.247	0.386	531.248
1382.798	0.998	14.740						
11/10/2016 5:15:00 AM	26100.000	151.934	21.106	350.812	723.051	781.146	0.386	531.179
1383.029	0.998	14.735						
11/10/2016 5:30:00 AM	27000.000	151.933	21.100	350.809	722.691	780.851	0.386	530.979
1383.718	0.998	14.732						
11/10/2016 5:45:00 AM	27900.000	151.923	21.099	350.784	721.613	779.708	0.386	530.201
1385.785	0.998	14.739						
11/10/2016 6:00:00 AM	28800.000	151.935	21.109	350.814	722.480	780.488	0.386	530.732
1384.121	0.998	14.739						
11/10/2016 6:15:00 AM	29700.000	151.931	21.106	350.803	722.303	780.335	0.386	530.628
1384.461	0.998	14.758						
11/10/2016 6:30:00 AM	30600.000	151.942	21.109	350.829	722.079	780.058	0.386	530.440
1384.890	0.998	14.744						
11/10/2016 6:45:00 AM	31500.000	151.961	21.104	350.872	721.820	779.848	0.386	530.296
1385.386	0.998	14.747						
11/10/2016 7:00:00 AM	32400.000	151.953	21.106	350.854	721.859	779.869	0.386	530.311
1385.312	0.998	14.749						
11/10/2016 7:15:00 AM	33300.000	151.950	21.114	350.849	722.260	780.159	0.386	530.508
1384.544	0.998	14.746						
11/10/2016 7:30:00 AM	34200.000	151.966	21.111	350.884	722.158	780.107	0.386	530.473
1384.738	0.998	14.749						
11/10/2016 7:45:00 AM	35100.000	151.941	21.109	350.828	721.449	779.363	0.385	529.967
1386.100	0.998	14.756						
11/10/2016 8:00:00 AM	36000.000	151.950	21.106	350.847	721.232	779.181	0.385	529.843
1386.516	0.998	14.754						
11/10/2016 8:15:00 AM	36900.000	151.970	21.105	350.895	721.192	779.154	0.385	529.825
1386.593	0.998	14.748						
11/10/2016 8:30:00 AM	37800.000	151.974	21.102	350.903	720.828	778.808	0.385	529.590
1387.293	0.998	14.747						
11/10/2016 8:45:00 AM	38700.000	151.976	21.105	350.907	720.879	778.812	0.385	529.592
1387.196	0.998	14.748						
11/10/2016 9:00:00 AM	39600.000	151.964	21.099	350.880	720.712	778.727	0.385	529.535
1387.517	0.998	14.754						
11/10/2016 9:15:00 AM	40500.000	151.973	21.100	350.901	720.839	778.854	0.385	529.620
1387.272	0.998	14.750						
11/10/2016 9:30:00 AM	41400.000	151.968	21.112	350.890	721.691	779.581	0.386	530.115
1385.635	0.998	14.742						
11/10/2016 9:45:00 AM	42300.000	151.976	21.104	350.908	721.462	779.471	0.385	530.040
1386.074	0.998	14.741						
11/10/2016 10:00:00 AM	43200.000	151.942	21.097	350.828	721.352	779.455	0.385	530.030
1386.286	0.998	14.738						
11/10/2016 10:15:00 AM	44100.000	151.970	21.110	350.894	721.455	779.359	0.385	529.964
1386.087	0.998	14.741						
11/10/2016 10:30:00 AM	45000.000	151.973	21.105	350.901	720.925	778.876	0.385	529.636
1387.107	0.998	14.743						
11/10/2016 10:45:00 AM	45900.000	151.967	21.097	350.886	720.713	778.773	0.385	529.566
1387.515	0.998	14.734						
11/10/2016 11:00:00 AM	46800.000	151.945	21.109	350.837	721.077	778.964	0.385	529.695
1386.815	0.998	14.732						
11/10/2016 11:15:00 AM	47700.000	151.933	21.105	350.810	721.169	779.132	0.385	529.810
1386.637	0.998	14.734						
11/10/2016 11:30:00 AM	48600.000	151.931	21.106	350.804	720.910	778.829	0.385	529.604
1387.135	0.998	14.727						
11/10/2016 11:45:00 AM	49500.000	151.914	21.103	350.765	720.513	778.457	0.385	529.351
1387.901	0.998	14.729						
11/10/2016 12:00:00 PM	50400.000	151.901	21.105	350.734	720.052	777.919	0.385	528.985
1388.788	0.998	14.727						
11/10/2016 12:15:00 PM	51300.000	151.874	21.109	350.672	719.802	777.593	0.384	528.764
1389.270	0.998	14.730						
11/10/2016 12:30:00 PM	52200.000	151.864	21.100	350.650	719.501	777.414	0.384	528.642
1389.853	0.998	14.726						
11/10/2016 12:45:00 PM	53100.000	151.845	21.112	350.604	719.979	777.732	0.385	528.858
1388.929	0.998	14.726						
11/10/2016 1:00:00 PM	54000.000	151.831	21.105	350.574	720.252	778.139	0.385	529.135
1388.404	0.998	14.716						
11/10/2016 1:15:00 PM	54900.000	151.821	21.100	350.550	720.657	778.665	0.385	529.492
1387.623	0.998	14.718						
11/10/2016 1:30:00 PM	55800.000	151.798	21.103	350.497	722.545	780.657	0.386	530.847
1383.997	0.998	14.727						
11/10/2016 1:45:00 PM	56700.000	151.781	21.096	350.459	722.847	781.088	0.386	531.140
1383.418	0.998	14.725						
11/10/2016 2:00:00 PM	57600.000	151.774	21.106	350.441	722.748	780.820	0.386	530.958
1383.609	0.998	14.726						
11/10/2016 2:15:00 PM	58500.000	151.753	21.099	350.392	722.789	780.985	0.386	531.070
1383.529	0.998	14.731						
11/10/2016 2:30:00 PM	59400.000	151.751	21.098	350.389	722.917	781.126	0.386	531.166
1383.284	0.998	14.729						
11/10/2016 2:45:00 PM	60300.000	151.701	21.098	350.274	722.946	781.157	0.386	531.187
1383.229	0.998	14.726						
11/10/2016 3:00:00 PM	61200.000	151.730	21.103	350.340	723.428	781.600	0.387	531.488
1382.308	0.998	14.731						
11/10/2016 3:15:00 PM	62100.000	151.725	21.105	350.327	723.388	781.523	0.387	531.435
1382.385	0.998	14.732						
11/10/2016 3:30:00 PM	63000.000	151.704	21.107	350.281	723.264	781.368	0.386	531.330
1382.621	0.998	14.738						
11/10/2016 3:45:00 PM	63900.000	151.703	21.101	350.278	723.007	781.175	0.386	531.199
1383.112	0.998	14.737						
11/10/2016 4:00:00 PM	64800.000	151.657	21.108	350.172	723.288	781.377	0.386	531.336
1382.575	0.998	14.737						
11/10/2016 4:15:00 PM	65700.000	151.671	21.104	350.204	723.178	781.318	0.386	531.297
1382.786	0.998	14.739						
11/10/2016 4:30:00 PM	66600.000	151.678	21.100	350.219	723.258	781.474	0.386	531.403
1382.632	0.998	14.738						
11/10/2016 4:45:00 PM	67500.000	151.653	21.089	350.163	723.544	781.949	0.387	531.726
1382.086	0.998	14.743						
11/10/2016 5:00:00 PM	68400.000	151.651	21.094	350.158	723.428	781.742	0.387	531.585
1382.308	0.998	14.730						

11/10/2016 5:15:00 PM	69300.000	151.622	21.096	350.090	724.672	783.069	0.387	532.487	1379.934
0.998	14.746								
11/10/2016 5:30:00 PM	70200.000	151.583	21.100	350.000	726.599	785.076	0.388	533.852	1376.274
0.998	14.744								
11/10/2016 5:45:00 PM	71100.000	151.574	21.098	349.979	726.803	785.324	0.388	534.021	1375.889
0.998	14.741								
11/10/2016 6:00:00 PM	72000.000	151.588	21.101	350.013	726.310	784.746	0.388	533.628	1376.822
0.998	14.748								
11/10/2016 6:15:00 PM	72900.000	151.549	21.104	349.922	726.336	784.732	0.388	533.618	1376.772
0.998	14.744								
11/10/2016 6:30:00 PM	73800.000	151.582	21.100	349.998	725.850	784.275	0.388	533.307	1377.696
0.998	14.745								
11/10/2016 6:45:00 PM	74700.000	151.547	21.103	349.918	726.040	784.426	0.388	533.410	1377.335
0.998	14.740								
11/10/2016 7:00:00 PM	75600.000	151.574	21.105	349.980	726.289	784.662	0.388	533.570	1376.861
0.998	14.744								
11/10/2016 7:15:00 PM	76500.000	151.576	21.101	349.983	726.005	784.430	0.388	533.412	1377.401
0.998	14.745								
11/10/2016 7:30:00 PM	77400.000	151.583	21.103	350.002	725.914	784.290	0.388	533.317	1377.573
0.998	14.741								
11/10/2016 7:45:00 PM	78300.000	151.601	21.107	350.042	726.428	784.776	0.388	533.648	1376.599
0.998	14.742								
11/10/2016 8:00:00 PM	79200.000	151.584	21.099	350.002	726.180	784.637	0.388	533.553	1377.069
0.998	14.750								
11/10/2016 8:15:00 PM	80100.000	151.599	21.101	350.036	725.977	784.385	0.388	533.382	1377.454
0.998	14.743								
11/10/2016 8:30:00 PM	81000.000	151.609	21.105	350.060	725.496	783.801	0.388	532.985	1378.367
0.998	14.748								
11/10/2016 8:45:00 PM	81900.000	151.608	21.109	350.059	725.209	783.432	0.387	532.734	1378.914
0.998	14.751								
11/10/2016 9:00:00 PM	82800.000	151.614	21.115	350.073	725.259	783.392	0.387	532.707	1378.817
0.998	14.744								
11/10/2016 9:15:00 PM	83700.000	151.611	21.110	350.065	724.889	783.075	0.387	532.491	1379.522
0.998	14.751								
11/10/2016 9:30:00 PM	84600.000	151.620	21.105	350.085	725.115	783.398	0.387	532.710	1379.091
0.998	14.754								
11/10/2016 9:45:00 PM	85500.000	151.632	21.104	350.114	725.041	783.326	0.387	532.662	1379.232
0.998	14.748								
11/10/2016 10:00:00 PM	86400.000	151.642	21.102	350.136	724.999	783.312	0.387	532.652	1379.312
0.998	14.752								
11/10/2016 10:15:00 PM	87300.000	151.648	21.108	350.149	724.780	782.984	0.387	532.429	1379.729
0.998	14.752								
11/10/2016 10:30:00 PM	88200.000	151.654	21.112	350.165	724.367	782.479	0.387	532.086	1380.516
0.998	14.749								
11/10/2016 10:45:00 PM	89100.000	151.655	21.102	350.167	723.740	781.960	0.387	531.733	1381.711
0.998	14.754								
11/10/2016 11:00:00 PM	90000.000	151.654	21.108	350.165	723.763	781.883	0.387	531.680	1381.668
0.998	14.754								
11/10/2016 11:15:00 PM	90900.000	151.678	21.101	350.219	723.045	781.216	0.386	531.227	1383.039
0.998	14.751								
11/10/2016 11:30:00 PM	91800.000	151.633	21.103	350.116	722.912	781.042	0.386	531.109	1383.295
0.998	14.758								
11/10/2016 11:45:00 PM	92700.000	151.673	21.108	350.209	723.266	781.349	0.386	531.317	1382.617
0.998	14.757								
11/11/2016 12:00:00 AM	93600.000	151.637	21.111	350.124	723.794	781.878	0.387	531.677	1381.608
0.998	14.756								
11/11/2016 12:15:00 AM	94500.000	151.678	21.108	350.219	723.671	781.791	0.387	531.618	1381.843
0.998	14.759								
11/11/2016 12:30:00 AM	95400.000	151.699	21.104	350.267	723.370	781.533	0.387	531.443	1382.418
0.998	14.762								
11/11/2016 12:45:00 AM	96300.000	151.700	21.099	350.270	723.095	781.308	0.386	531.289	1382.945
0.998	14.755								
11/11/2016 1:00:00 AM	97200.000	151.699	21.110	350.267	723.102	781.145	0.386	531.179	1382.931
0.998	14.759								
11/11/2016 1:15:00 AM	98100.000	151.668	21.109	350.196	722.884	780.923	0.386	531.028	1383.348
0.998	14.759								
11/11/2016 1:30:00 AM	99000.000	151.710	21.103	350.294	723.276	781.444	0.386	531.382	1382.598
0.998	14.757								
11/11/2016 1:45:00 AM	99900.000	151.720	21.108	350.316	723.057	781.128	0.386	531.167	1383.016
0.998	14.752								
11/11/2016 2:00:00 AM	100800.000	151.714	21.108	350.303	722.833	780.890	0.386	531.005	1383.445
0.998	14.758								
11/11/2016 2:15:00 AM	101700.000	151.730	21.100	350.339	722.443	780.591	0.386	530.802	1384.193
0.998	14.751								
11/11/2016 2:30:00 AM	102600.000	151.686	21.100	350.237	722.000	780.108	0.386	530.474	1385.041
0.998	14.752								
11/11/2016 2:45:00 AM	103500.000	151.731	21.098	350.342	722.094	780.240	0.386	530.563	1384.862
0.998	14.753								
11/11/2016 3:00:00 AM	104400.000	151.730	21.108	350.341	722.167	780.155	0.386	530.505	1384.721
0.998	14.752								
11/11/2016 3:15:00 AM	105300.000	151.739	21.105	350.360	721.775	779.781	0.386	530.251	1385.474
0.998	14.745								
11/11/2016 3:30:00 AM	106200.000	151.736	21.109	350.354	721.740	779.685	0.386	530.186	1385.541
0.998	14.754								
11/11/2016 3:45:00 AM	107100.000	151.740	21.108	350.363	721.679	779.631	0.386	530.149	1385.658
0.998	14.744								
11/11/2016 4:00:00 AM	108000.000	151.752	21.104	350.391	720.832	778.777	0.385	529.568	1387.287
0.998	14.743								
11/11/2016 4:15:00 AM	108900.000	151.765	21.098	350.421	720.376	778.391	0.385	529.306	1388.164
0.998	14.744								
11/11/2016 4:30:00 AM	109800.000	151.725	21.102	350.329	720.676	778.643	0.385	529.477	1387.586
0.998	14.743								
11/11/2016 4:45:00 AM	110700.000	151.779	21.099	350.453	721.070	779.119	0.385	529.801	1386.829
0.998	14.745								
11/11/2016 5:00:00 AM	111600.000	151.771	21.095	350.435	720.922	779.024	0.385	529.736	1387.112
0.998	14.751								
11/11/2016 5:15:00 AM	112500.000	151.747	21.100	350.379	721.445	779.510	0.385	530.066	1386.107
0.998	14.744								
11/11/2016 5:30:00 AM	113400.000	151.782	21.101	350.459	722.162	780.278	0.386	530.589	1384.730
0.998	14.746								
11/11/2016 5:45:00 AM	114300.000	151.776	21.103	350.447	722.280	780.371	0.386	530.652	1384.505
0.998	14.751								
11/11/2016 6:00:00 AM	115200.000	151.794	21.106	350.488	721.989	780.005	0.386	530.403	1385.062
0.998	14.741								
11/11/2016 6:15:00 AM	116100.000	151.802	21.101	350.505	721.270	779.308	0.385	529.929	1386.444
0.998	14.745								
11/11/2016 6:30:00 AM	117000.000	151.802	21.111	350.505	720.825	778.660	0.385	529.489	1387.299
0.998	14.750								
11/11/2016 6:45:00 AM	117900.000	151.801	21.104	350.504	719.259	777.085	0.384	528.418	1390.319
0.998	14.753								
11/11/2016 7:00:00 AM	118800.000	151.816	21.103	350.538	718.917	776.736	0.384	528.181	1390.981
0.998	14.755								
11/11/2016 7:15:00 AM	119700.000	151.819	21.109	350.544	719.236	776.973	0.384	528.342	1390.364
0.998	14.754								
11/11/2016 7:30:00 AM	120600.000	151.828	21.104	350.567	718.998	776.808	0.384	528.230	1390.824
0.998	14.756								
11/11/2016 7:45:00 AM	121500.000	151.832	21.104	350.575	718.680	776.456	0.384	527.990	1391.440
0.998	14.756								
11/11/2016 8:00:00 AM	122400.000	151.850	21.110	350.617	718.767	776.450	0.384	527.986	1391.272
0.998	14.753								
11/11/2016 8:15:00 AM	123300.000	151.839	21.094	350.591	718.371	776.292	0.384	527.878	1392.039
0.998	14.764								
11/11/2016 8:30:00 AM	124200.000	151.820	21.095	350.547	718.558	776.476	0.384	528.004	1391.675
0.998	14.760								
11/11/2016 8:45:00 AM	125100.000	151.855	21.098	350.629	719.190	777.112	0.384	528.436	1390.454
0.998	14.758								
11/11/2016 9:00:00 AM	126000.000	151.860	21.110	350.639	719.550	777.308	0.384	528.569	1389.758
0.998	14.759								
11/11/2016 9:15:00 AM	126900.000	151.804	21.113	350.510	719.664	777.372	0.384	528.613	1389.537
0.998	14.768								
11/11/2016 9:30:00 AM	127800.000	151.838	21.104	350.588	719.251	777.073	0.384	528.410	1390.335
0.998	14.765								
11/11/2016 9:45:00 AM	128700.000	151.799	21.109	350.500	719.165	776.903	0.384	528.294	

1390.502	0.998	14.766						
11/11/2016 10:00:00 AM	129600.000	151.818	21.109	350.544	719.028	776.758	0.384	528.196
1390.766	0.998	14.766						
11/11/2016 10:15:00 AM	130500.000	151.780	21.108	350.456	718.645	776.350	0.384	527.918
1391.508	0.998	14.760						
11/11/2016 10:30:00 AM	131400.000	151.806	21.108	350.516	718.290	775.982	0.384	527.668
1392.195	0.998	14.759						
11/11/2016 10:45:00 AM	132300.000	151.762	21.108	350.413	717.891	775.545	0.383	527.371
1392.969	0.998	14.759						
11/11/2016 11:00:00 AM	133200.000	151.794	21.092	350.487	718.215	776.153	0.384	527.784
1392.341	0.998	14.763						
11/11/2016 11:15:00 AM	134100.000	151.792	21.103	350.483	719.202	777.047	0.384	528.392
1390.431	0.998	14.755						
11/11/2016 11:30:00 AM	135000.000	151.775	21.104	350.444	719.567	777.423	0.384	528.648
1389.724	0.998	14.761						
11/11/2016 11:45:00 AM	135900.000	151.766	21.110	350.424	719.785	777.559	0.384	528.740
1389.304	0.998	14.755						
11/11/2016 12:00:00 PM	136800.000	151.760	21.102	350.409	718.671	776.483	0.384	528.008
1391.458	0.998	14.755						
11/11/2016 12:15:00 PM	137700.000	151.730	21.092	350.339	718.479	776.438	0.384	527.978
1391.830	0.998	14.755						
11/11/2016 12:30:00 PM	138600.000	151.738	21.098	350.359	718.642	776.515	0.384	528.030
1391.513	0.998	14.758						
11/11/2016 12:45:00 PM	139500.000	151.755	21.094	350.397	718.691	776.625	0.384	528.105
1391.418	0.998	14.754						
11/11/2016 1:00:00 PM	140400.000	151.725	21.096	350.328	718.579	776.485	0.384	528.010
1391.635	0.998	14.755						
11/11/2016 1:15:00 PM	141300.000	151.726	21.098	350.331	719.005	776.911	0.384	528.299
1390.812	0.998	14.757						
11/11/2016 1:30:00 PM	142200.000	151.729	21.100	350.337	719.990	777.942	0.385	529.000
1388.908	0.998	14.758						
11/11/2016 1:45:00 PM	143100.000	151.722	21.103	350.321	719.640	777.521	0.384	528.714
1389.583	0.998	14.760						
11/11/2016 2:00:00 PM	144000.000	151.716	21.094	350.307	719.588	777.606	0.384	528.772
1389.684	0.998	14.765						
11/11/2016 2:15:00 PM	144900.000	151.695	21.103	350.260	719.879	777.777	0.385	528.888
1389.122	0.998	14.744						
11/11/2016 2:30:00 PM	145800.000	151.674	21.105	350.211	720.140	778.023	0.385	529.056
1388.620	0.998	14.761						
11/11/2016 2:45:00 PM	146700.000	151.691	21.106	350.251	720.295	778.164	0.385	529.152
1388.320	0.998	14.761						
11/11/2016 3:00:00 PM	147600.000	151.678	21.108	350.220	720.102	777.930	0.385	528.993
1388.693	0.998	14.770						
11/11/2016 3:15:00 PM	148500.000	151.680	21.105	350.225	719.629	777.464	0.384	528.676
1389.606	0.998	14.760						
11/11/2016 3:30:00 PM	149400.000	151.622	21.098	350.090	719.455	777.393	0.384	528.627
1389.942	0.998	14.766						
11/11/2016 3:45:00 PM	150300.000	151.624	21.103	350.094	719.791	777.670	0.385	528.816
1389.293	0.998	14.771						
11/11/2016 4:00:00 PM	151200.000	151.665	21.104	350.190	719.631	777.484	0.384	528.689
1389.600	0.998	14.762						
11/11/2016 4:15:00 PM	152100.000	151.647	21.090	350.149	719.417	777.480	0.384	528.686
1390.015	0.998	14.765						
11/11/2016 4:30:00 PM	153000.000	151.643	21.095	350.138	719.803	777.823	0.385	528.919
1389.268	0.998	14.765						
11/11/2016 4:45:00 PM	153900.000	151.627	21.099	350.102	720.193	778.175	0.385	529.159
1388.517	0.998	14.771						
11/11/2016 5:00:00 PM	154800.000	151.621	21.099	350.089	720.306	778.300	0.385	529.244
1388.300	0.998	14.769						
11/11/2016 5:15:00 PM	155700.000	151.606	21.101	350.054	720.695	778.682	0.385	529.504
1387.549	0.998	14.770						
11/11/2016 5:30:00 PM	156600.000	151.592	21.099	350.020	720.619	778.631	0.385	529.469
1387.695	0.998	14.773						
11/11/2016 5:45:00 PM	157500.000	151.534	21.099	349.887	720.795	778.817	0.385	529.596
1387.358	0.998	14.775						
11/11/2016 6:00:00 PM	158400.000	151.566	21.109	349.960	720.475	778.323	0.385	529.260
1387.973	0.998	14.780						
11/11/2016 6:15:00 PM	159300.000	151.538	21.113	349.897	719.651	777.370	0.384	528.611
1389.562	0.998	14.778						
11/11/2016 6:30:00 PM	160200.000	151.531	21.106	349.881	718.739	776.485	0.384	528.010
1391.325	0.998	14.778						
11/11/2016 6:45:00 PM	161100.000	151.533	21.104	349.886	718.773	776.553	0.384	528.056
1391.261	0.998	14.779						
11/11/2016 7:00:00 PM	162000.000	151.518	21.113	349.849	719.740	777.462	0.384	528.674
1389.391	0.998	14.775						
11/11/2016 7:15:00 PM	162900.000	151.527	21.109	349.871	719.696	777.481	0.384	528.687
1389.475	0.998	14.770						
11/11/2016 7:30:00 PM	163800.000	151.513	21.110	349.838	719.356	777.086	0.384	528.418
1390.132	0.998	14.773						
11/11/2016 7:45:00 PM	164700.000	151.523	21.106	349.861	719.431	777.232	0.384	528.517
1389.987	0.998	14.759						
11/11/2016 8:00:00 PM	165600.000	151.536	21.097	349.892	719.043	776.960	0.384	528.333
1390.738	0.998	14.761						
11/11/2016 8:15:00 PM	166500.000	151.535	21.101	349.890	719.580	777.482	0.384	528.688
1389.699	0.998	14.759						
11/11/2016 8:30:00 PM	167400.000	151.536	21.105	349.892	720.412	778.313	0.385	529.253
1388.095	0.998	14.754						
11/11/2016 8:45:00 PM	168300.000	151.540	21.106	349.902	720.678	778.584	0.385	529.437
1387.582	0.998	14.761						
11/11/2016 9:00:00 PM	169200.000	151.544	21.098	349.911	720.434	778.454	0.385	529.349
1388.053	0.998	14.764						
11/11/2016 9:15:00 PM	170100.000	151.525	21.100	349.865	720.553	778.543	0.385	529.409
1387.823	0.998	14.759						
11/11/2016 9:30:00 PM	171000.000	151.549	21.101	349.922	720.311	778.264	0.385	529.220
1388.290	0.998	14.760						
11/11/2016 9:45:00 PM	171900.000	151.569	21.105	349.967	720.632	778.560	0.385	529.421
1387.670	0.998	14.762						
11/11/2016 10:00:00 PM	172800.000	151.591	21.102	350.018	720.302	778.245	0.385	529.207
1388.307	0.998	14.777						
11/11/2016 10:15:00 PM	173700.000	151.576	21.098	349.985	720.155	778.143	0.385	529.137
1388.589	0.998	14.777						
11/11/2016 10:30:00 PM	174600.000	151.587	21.106	350.009	720.834	778.760	0.385	529.557
1387.282	0.998	14.766						
11/11/2016 10:45:00 PM	175500.000	151.594	21.111	350.026	720.893	778.739	0.385	529.542
1387.169	0.998	14.773						
11/11/2016 11:00:00 PM	176400.000	151.600	21.112	350.040	720.469	778.261	0.385	529.217
1387.985	0.998	14.776						
11/11/2016 11:15:00 PM	177300.000	151.609	21.105	350.061	720.425	778.326	0.385	529.262
1388.070	0.998	14.781						
11/11/2016 11:30:00 PM	178200.000	151.614	21.108	350.072	720.843	778.736	0.385	529.540
1387.264	0.998	14.782						
11/11/2016 11:45:00 PM	179100.000	151.609	21.108	350.060	720.928	778.826	0.385	529.602
1387.101	0.998	14.781						
11/12/2016 12:00:00 AM	180000.000	151.633	21.103	350.117	720.548	778.490	0.385	529.373
1387.833	0.998	14.774						
11/12/2016 12:15:00 AM	180900.000	151.635	21.108	350.120	719.246	777.010	0.384	528.367
1390.345	0.998	14.773						
11/12/2016 12:30:00 AM	181800.000	151.644	21.104	350.142	718.412	776.167	0.384	527.793
1391.959	0.998	14.778						
11/12/2016 12:45:00 AM	182700.000	151.629	21.106	350.107	719.015	776.790	0.384	528.217
1390.791	0.998	14.783						
11/12/2016 1:00:00 AM	183600.000	151.652	21.112	350.160	719.352	777.057	0.384	528.399
1390.140	0.998	14.776						
11/12/2016 1:15:00 AM	184500.000	151.653	21.110	350.161	718.969	776.669	0.384	528.135
1390.881	0.998	14.777						
11/12/2016 1:30:00 AM	185400.000	151.661	21.106	350.180	718.828	776.581	0.384	528.075
1391.153	0.998	14.777						
11/12/2016 1:45:00 AM	186300.000	151.652	21.108	350.160	718.972	776.711	0.384	528.164
1390.875	0.998	14.780						
11/12/2016 2:00:00 AM	187200.000	151.665	21.110	350.190	719.100	776.818	0.384	528.236
1390.626	0.998	14.785						
11/12/2016 2:15:00 AM	188100.000	151.666	21.103	350.192	718.804	776.607	0.384	528.093
1391.199	0.998	14.778						

11/12/2016 2:30:00 AM	189000.000	151.677	21.108	350.218	719.567	777.362	0.384	528.606
1389.724	0.998	14.780						
11/12/2016 2:45:00 AM	189900.000	151.675	21.098	350.213	719.395	777.331	0.384	528.585
1390.057	0.998	14.781						
11/12/2016 3:00:00 AM	190800.000	151.678	21.105	350.220	719.920	777.780	0.385	528.891
1389.044	0.998	14.783						
11/12/2016 3:15:00 AM	191700.000	151.697	21.104	350.263	720.420	778.336	0.385	529.268
1388.080	0.998	14.780						
11/12/2016 3:30:00 AM	192600.000	151.697	21.103	350.264	720.305	778.239	0.385	529.202
1388.301	0.998	14.786						
11/12/2016 3:45:00 AM	193500.000	151.672	21.097	350.206	719.896	777.887	0.385	528.963
1389.089	0.998	14.778						
11/12/2016 4:00:00 AM	194400.000	151.711	21.108	350.295	719.344	777.112	0.384	528.436
1390.155	0.998	14.783						
11/12/2016 4:15:00 AM	195300.000	151.718	21.106	350.311	718.766	776.524	0.384	528.036
1391.274	0.998	14.783						
11/12/2016 4:30:00 AM	196200.000	151.719	21.101	350.312	718.857	776.702	0.384	528.157
1391.097	0.998	14.783						
11/12/2016 4:45:00 AM	197100.000	151.725	21.101	350.328	719.274	777.147	0.384	528.460
1390.290	0.998	14.784						
11/12/2016 5:00:00 AM	198000.000	151.733	21.103	350.347	719.643	777.508	0.384	528.705
1389.578	0.998	14.778						
11/12/2016 5:15:00 AM	198900.000	151.727	21.109	350.333	719.466	777.228	0.384	528.515
1389.920	0.998	14.784						
11/12/2016 5:30:00 AM	199800.000	151.731	21.112	350.343	718.838	776.504	0.384	528.023
1391.134	0.998	14.778						
11/12/2016 5:45:00 AM	200700.000	151.746	21.103	350.377	718.568	776.362	0.384	527.926
1391.657	0.998	14.775						
11/12/2016 6:00:00 AM	201600.000	151.734	21.102	350.350	717.886	775.639	0.383	527.435
1392.979	0.998	14.791						
11/12/2016 6:15:00 AM	202500.000	151.752	21.104	350.391	716.896	774.534	0.383	526.683
1394.903	0.998	14.784						
11/12/2016 6:30:00 AM	203400.000	151.719	21.106	350.314	717.066	774.682	0.383	526.784
1394.571	0.998	14.786						
11/12/2016 6:45:00 AM	204300.000	151.756	21.114	350.399	717.062	774.544	0.383	526.690
1394.580	0.998	14.789						
11/12/2016 7:00:00 AM	205200.000	151.775	21.100	350.444	716.937	774.638	0.383	526.754
1394.823	0.998	14.792						
11/12/2016 7:15:00 AM	206100.000	151.773	21.115	350.438	717.968	775.511	0.383	527.347
1392.820	0.998	14.794						
11/12/2016 7:30:00 AM	207000.000	151.779	21.103	350.454	717.085	774.757	0.383	526.835
1394.534	0.998	14.800						
11/12/2016 7:45:00 AM	207900.000	151.794	21.100	350.488	716.160	773.793	0.383	526.180
1396.337	0.998	14.801						
11/12/2016 8:00:00 AM	208800.000	151.794	21.099	350.487	716.667	774.368	0.383	526.570
1395.348	0.998	14.798						
11/12/2016 8:15:00 AM	209700.000	151.798	21.109	350.496	717.114	774.694	0.383	526.792
1394.478	0.998	14.805						
11/12/2016 8:30:00 AM	210600.000	151.766	21.109	350.423	717.297	774.892	0.383	526.927
1394.122	0.998	14.808						
11/12/2016 8:45:00 AM	211500.000	151.807	21.109	350.517	717.319	774.905	0.383	526.935
1394.080	0.998	14.811						
11/12/2016 9:00:00 AM	212400.000	151.783	21.108	350.463	716.805	774.372	0.383	526.573
1395.080	0.998	14.802						
11/12/2016 9:15:00 AM	213300.000	151.795	21.111	350.489	716.441	773.933	0.383	526.274
1395.788	0.998	14.806						
11/12/2016 9:30:00 AM	214200.000	151.810	21.112	350.525	716.246	773.698	0.382	526.115
1396.169	0.998	14.803						
11/12/2016 9:45:00 AM	215100.000	151.800	21.111	350.501	715.404	772.816	0.382	525.515
1397.811	0.998	14.803						
11/12/2016 10:00:00 AM	216000.000	151.805	21.113	350.512	714.752	772.077	0.382	525.013
1399.087	0.998	14.802						
11/12/2016 10:15:00 AM	216900.000	151.747	21.114	350.380	714.818	772.126	0.382	525.046
1398.958	0.998	14.804						
11/12/2016 10:30:00 AM	217800.000	151.742	21.103	350.368	714.440	771.902	0.382	524.893
1399.698	0.998	14.802						
11/12/2016 10:45:00 AM	218700.000	151.734	21.095	350.349	715.074	772.704	0.382	525.439
1398.457	0.998	14.794						
11/12/2016 11:00:00 AM	219600.000	151.743	21.095	350.369	716.878	774.654	0.383	526.765
1394.938	0.998	14.795						
11/12/2016 11:15:00 AM	220500.000	151.737	21.094	350.357	717.081	774.887	0.383	526.923
1394.542	0.998	14.792						
11/12/2016 11:30:00 AM	221400.000	151.684	21.099	350.233	718.094	775.912	0.384	527.620
1392.575	0.998	14.789						
11/12/2016 11:45:00 AM	222300.000	151.705	21.107	350.283	717.244	774.864	0.383	526.908
1394.226	0.998	14.784						
11/12/2016 12:00:00 PM	223200.000	151.652	21.100	350.161	717.080	774.798	0.383	526.862
1394.544	0.998	14.779						
11/12/2016 12:15:00 PM	224100.000	151.675	21.097	350.212	717.109	774.878	0.383	526.917
1394.489	0.998	14.776						
11/12/2016 12:30:00 PM	225000.000	151.643	21.105	350.139	717.151	774.786	0.383	526.855
1394.406	0.998	14.772						
11/12/2016 12:45:00 PM	225900.000	151.638	21.099	350.127	717.167	774.911	0.383	526.940
1394.375	0.998	14.774						
11/12/2016 1:00:00 PM	226800.000	151.631	21.103	350.112	717.719	775.432	0.383	527.294
1393.304	0.998	14.771						
11/12/2016 1:15:00 PM	227700.000	151.612	21.097	350.067	717.568	775.375	0.383	527.255
1393.596	0.998	14.774						
11/12/2016 1:30:00 PM	228600.000	151.563	21.096	349.954	717.397	775.203	0.383	527.138
1393.929	0.998	14.764						
11/12/2016 1:45:00 PM	229500.000	151.571	21.105	349.974	717.638	775.315	0.383	527.214
1393.461	0.998	14.770						
11/12/2016 2:00:00 PM	230400.000	151.557	21.094	349.941	717.457	775.295	0.383	527.201
1393.813	0.998	14.779						
11/12/2016 2:15:00 PM	231300.000	151.552	21.099	349.929	718.410	776.241	0.384	527.844
1391.962	0.998	14.772						
11/12/2016 2:30:00 PM	232200.000	151.526	21.094	349.869	719.887	777.924	0.385	528.988
1389.107	0.998	14.773						
11/12/2016 2:45:00 PM	233100.000	151.517	21.098	349.849	719.919	777.893	0.385	528.967
1389.045	0.998	14.770						
11/12/2016 3:00:00 PM	234000.000	151.505	21.092	349.820	719.870	777.936	0.385	528.996
1389.140	0.998	14.775						
11/12/2016 3:15:00 PM	234900.000	151.501	21.102	349.811	720.212	778.152	0.385	529.143
1388.480	0.998	14.775						
11/12/2016 3:30:00 PM	235800.000	151.487	21.104	349.779	720.511	778.431	0.385	529.333
1387.904	0.998	14.773						
11/12/2016 3:45:00 PM	236700.000	151.458	21.100	349.712	719.858	777.795	0.385	528.901
1389.163	0.998	14.771						
11/12/2016 4:00:00 PM	237600.000	151.493	21.105	349.792	720.871	778.807	0.385	529.588
1387.211	0.998	14.767						
11/12/2016 4:15:00 PM	238500.000	151.488	21.107	349.782	720.109	777.953	0.385	529.008
1388.679	0.998	14.775						
11/12/2016 4:30:00 PM	239400.000	151.489	21.106	349.782	718.766	776.517	0.384	528.032
1391.274	0.998	14.773						
11/12/2016 4:45:00 PM	240300.000	151.494	21.101	349.796	718.961	776.817	0.384	528.235
1390.897	0.998	14.775						
11/12/2016 5:00:00 PM	241200.000	151.494	21.091	349.794	718.613	776.593	0.384	528.083
1391.569	0.998	14.777						
11/12/2016 5:15:00 PM	242100.000	151.459	21.096	349.715	718.591	776.496	0.384	528.017
1391.612	0.998	14.778						
11/12/2016 5:30:00 PM	243000.000	151.491	21.105	349.788	719.146	776.950	0.384	528.326
1390.537	0.998	14.778						
11/12/2016 5:45:00 PM	243900.000	151.493	21.104	349.793	719.446	777.283	0.384	528.553
1389.959	0.998	14.782						
11/12/2016 6:00:00 PM	244800.000	151.444	21.106	349.680	719.404	777.211	0.384	528.504
1390.041	0.998	14.779						
11/12/2016 6:15:00 PM	245700.000	151.482	21.104	349.767	719.257	777.077	0.384	528.412
1390.323	0.998	14.785						
11/12/2016 6:30:00 PM	246600.000	151.478	21.107	349.757	719.430	777.229	0.384	528.515
1389.990	0.998	14.780						
11/12/2016 6:45:00 PM	247500.000	151.482	21.112	349.768	719.952	777.705	0.385	528.840
1388.982	0.998	14.780						
11/12/2016 7:00:00 PM	248400.000	151.482	21.108	349.768	719.736	777.539	0.384	528.726

1389.397	0.998	14.784						
11/12/2016 7:15:00 PM	249300.000	151.487	21.089	349.779	719.392	777.471	0.384	528.680
1390.063	0.998	14.783						
11/12/2016 7:30:00 PM	250200.000	151.478	21.100	349.758	719.590	777.507	0.384	528.705
1389.679	0.998	14.774						
11/12/2016 7:45:00 PM	251100.000	151.486	21.107	349.777	719.968	777.807	0.385	528.909
1388.951	0.998	14.774						
11/12/2016 8:00:00 PM	252000.000	151.497	21.106	349.802	719.712	777.543	0.384	528.729
1389.445	0.998	14.777						
11/12/2016 8:15:00 PM	252900.000	151.504	21.093	349.817	718.609	776.557	0.384	528.059
1391.578	0.998	14.774						
11/12/2016 8:30:00 PM	253800.000	151.488	21.103	349.782	719.390	777.242	0.384	528.525
1390.066	0.998	14.782						
11/12/2016 8:45:00 PM	254700.000	151.510	21.105	349.831	719.384	777.205	0.384	528.499
1390.078	0.998	14.782						
11/12/2016 9:00:00 PM	255600.000	151.507	21.107	349.826	719.500	777.292	0.384	528.559
1389.854	0.998	14.783						
11/12/2016 9:15:00 PM	256500.000	151.514	21.106	349.840	718.831	776.591	0.384	528.082
1391.148	0.998	14.783						
11/12/2016 9:30:00 PM	257400.000	151.524	21.112	349.864	718.811	776.472	0.384	528.001
1391.186	0.998	14.784						
11/12/2016 9:45:00 PM	258300.000	151.546	21.100	349.916	717.972	775.757	0.384	527.515
1392.812	0.998	14.790						
11/12/2016 10:00:00 PM	259200.000	151.544	21.105	349.911	718.160	775.873	0.384	527.594
1392.448	0.998	14.788						
11/12/2016 10:15:00 PM	260100.000	151.540	21.107	349.901	717.950	775.622	0.383	527.423
1392.855	0.998	14.797						
11/12/2016 10:30:00 PM	261000.000	151.550	21.108	349.923	717.966	775.623	0.383	527.424
1392.824	0.998	14.797						
11/12/2016 10:45:00 PM	261900.000	151.559	21.110	349.945	717.460	775.053	0.383	527.036
1393.806	0.998	14.798						
11/12/2016 11:00:00 PM	262800.000	151.552	21.106	349.930	717.539	775.192	0.383	527.130
1393.652	0.998	14.801						
11/12/2016 11:15:00 PM	263700.000	151.584	21.102	350.002	717.209	774.909	0.383	526.938
1394.294	0.998	14.793						
11/12/2016 11:30:00 PM	264600.000	151.573	21.100	349.977	717.286	775.016	0.383	527.011
1394.144	0.998	14.795						
11/12/2016 11:45:00 PM	265500.000	151.578	21.093	349.989	717.343	775.190	0.383	527.129
1394.033	0.998	14.801						
11/13/2016 12:00:00 AM	266400.000	151.585	21.104	350.005	718.026	775.752	0.384	527.511
1392.708	0.998	14.792						
11/13/2016 12:15:00 AM	267300.000	151.589	21.098	350.015	718.714	776.588	0.384	528.080
1391.375	0.998	14.794						
11/13/2016 12:30:00 AM	268200.000	151.568	21.101	349.966	718.717	776.542	0.384	528.049
1391.368	0.998	14.793						
11/13/2016 12:45:00 AM	269100.000	151.599	21.110	350.037	719.356	777.090	0.384	528.421
1390.132	0.998	14.795						
11/13/2016 1:00:00 AM	270000.000	151.618	21.101	350.081	719.255	777.125	0.384	528.445
1390.327	0.998	14.792						
11/13/2016 1:15:00 AM	270900.000	151.620	21.105	350.086	718.453	776.197	0.384	527.814
1391.880	0.998	14.792						
11/13/2016 1:30:00 AM	271800.000	151.628	21.107	350.103	717.849	775.510	0.383	527.347
1393.050	0.998	14.795						
11/13/2016 1:45:00 AM	272700.000	151.627	21.102	350.101	716.639	774.293	0.383	526.519
1395.403	0.998	14.799						
11/13/2016 2:00:00 AM	273600.000	151.638	21.096	350.128	716.889	774.657	0.383	526.766
1394.917	0.998	14.799						
11/13/2016 2:15:00 AM	274500.000	151.638	21.098	350.128	716.744	774.467	0.383	526.637
1395.198	0.998	14.794						
11/13/2016 2:30:00 AM	275400.000	151.639	21.107	350.130	717.298	774.924	0.383	526.949
1394.120	0.998	14.796						
11/13/2016 2:45:00 AM	276300.000	151.617	21.113	350.079	717.089	774.596	0.383	526.725
1394.528	0.998	14.801						
11/13/2016 3:00:00 AM	277200.000	151.655	21.111	350.166	715.705	773.140	0.382	525.735
1397.224	0.998	14.796						
11/13/2016 3:15:00 AM	278100.000	151.655	21.109	350.167	715.111	772.523	0.382	525.316
1398.385	0.998	14.796						
11/13/2016 3:30:00 AM	279000.000	151.671	21.105	350.202	715.074	772.548	0.382	525.332
1398.457	0.998	14.790						
11/13/2016 3:45:00 AM	279900.000	151.669	21.107	350.199	715.115	772.565	0.382	525.344
1398.377	0.998	14.795						
11/13/2016 4:00:00 AM	280800.000	151.639	21.107	350.130	715.023	772.467	0.382	525.278
1398.557	0.998	14.788						
11/13/2016 4:15:00 AM	281700.000	151.671	21.115	350.205	715.072	772.385	0.382	525.222
1398.461	0.998	14.791						
11/13/2016 4:30:00 AM	282600.000	151.681	21.113	350.227	714.683	771.997	0.382	524.958
1399.223	0.998	14.793						
11/13/2016 4:45:00 AM	283500.000	151.688	21.102	350.242	714.140	771.586	0.381	524.678
1400.286	0.998	14.796						
11/13/2016 5:00:00 AM	284400.000	151.696	21.102	350.262	715.054	772.574	0.382	525.350
1398.495	0.998	14.797						
11/13/2016 5:15:00 AM	285300.000	151.698	21.097	350.266	715.221	772.839	0.382	525.531
1398.169	0.998	14.798						
11/13/2016 5:30:00 AM	286200.000	151.701	21.097	350.273	715.623	773.274	0.382	525.826
1397.383	0.998	14.792						
11/13/2016 5:45:00 AM	287100.000	151.707	21.103	350.286	715.983	773.560	0.382	526.021
1396.682	0.998	14.796						
11/13/2016 6:00:00 AM	288000.000	151.712	21.099	350.298	716.280	773.946	0.383	526.283
1396.102	0.998	14.801						
11/13/2016 6:15:00 AM	288900.000	151.713	21.114	350.301	716.451	773.886	0.383	526.243
1395.768	0.998	14.800						
11/13/2016 6:30:00 AM	289800.000	151.721	21.111	350.319	716.506	774.005	0.383	526.324
1395.662	0.998	14.803						
11/13/2016 6:45:00 AM	290700.000	151.736	21.104	350.354	715.820	773.374	0.382	525.895
1397.000	0.998	14.805						
11/13/2016 7:00:00 AM	291600.000	151.698	21.107	350.265	715.757	773.259	0.382	525.816
1397.122	0.998	14.810						
11/13/2016 7:15:00 AM	292500.000	151.747	21.096	350.379	715.739	773.402	0.382	525.913
1397.157	0.998	14.807						
11/13/2016 7:30:00 AM	293400.000	151.701	21.096	350.273	715.697	773.357	0.382	525.883
1397.239	0.998	14.818						
11/13/2016 7:45:00 AM	294300.000	151.749	21.097	350.384	716.247	773.939	0.383	526.279
1396.167	0.998	14.813						
11/13/2016 8:00:00 AM	295200.000	151.765	21.106	350.422	717.000	774.611	0.383	526.735
1394.700	0.998	14.811						
11/13/2016 8:15:00 AM	296100.000	151.753	21.110	350.392	716.846	774.384	0.383	526.581
1395.000	0.998	14.820						
11/13/2016 8:30:00 AM	297000.000	151.754	21.110	350.396	716.862	774.398	0.383	526.591
1394.969	0.998	14.811						
11/13/2016 8:45:00 AM	297900.000	151.742	21.109	350.369	715.048	772.457	0.382	525.271
1398.507	0.998	14.818						
11/13/2016 9:00:00 AM	298800.000	151.752	21.103	350.392	715.182	772.701	0.382	525.437
1398.245	0.998	14.816						
11/13/2016 9:15:00 AM	299700.000	151.694	21.104	350.258	714.842	772.312	0.382	525.172
1398.911	0.998	14.813						
11/13/2016 9:30:00 AM	300600.000	151.735	21.108	350.350	715.469	772.929	0.382	525.592
1397.684	0.998	14.813						
11/13/2016 9:45:00 AM	301500.000	151.716	21.103	350.307	715.229	772.753	0.382	525.472
1398.154	0.998	14.815						
11/13/2016 10:00:00 AM	302400.000	151.667	21.108	350.195	715.449	772.900	0.382	525.572
1397.723	0.998	14.824						
11/13/2016 10:15:00 AM	303300.000	151.675	21.097	350.212	715.256	772.870	0.382	525.551
1398.101	0.998	14.810						
11/13/2016 10:30:00 AM	304200.000	151.663	21.090	350.186	715.148	772.869	0.382	525.551
1398.312	0.998	14.816						
11/13/2016 10:45:00 AM	305100.000	151.688	21.104	350.243	715.750	773.287	0.382	525.835
1397.136	0.998	14.817						
11/13/2016 11:00:00 AM	306000.000	151.670	21.098	350.202	716.676	774.385	0.383	526.582
1395.331	0.998	14.812						
11/13/2016 11:15:00 AM	306900.000	151.667	21.105	350.195	716.564	774.153	0.383	526.424
1395.549	0.998	14.816						
11/13/2016 11:30:00 AM	307800.000	151.672	21.103	350.206	715.678	773.237	0.382	525.801
1397.276	0.998	14.811						

11/13/2016 11:45:00 AM	308700.000	151.628	21.106	350.104	716.096	773.639	0.382	526.074
1396.460	0.998	14.810						
11/13/2016 12:00:00 PM	309600.000	151.670	21.105	350.202	715.790	773.317	0.382	525.856
1397.058	0.998	14.804						
11/13/2016 12:15:00 PM	310500.000	151.668	21.108	350.196	715.922	773.416	0.382	525.923
1396.801	0.998	14.799						
11/13/2016 12:30:00 PM	311400.000	151.661	21.103	350.181	715.807	773.371	0.382	525.893
1397.026	0.998	14.803						
11/13/2016 12:45:00 PM	312300.000	151.639	21.100	350.131	716.149	773.789	0.383	526.176
1396.358	0.998	14.805						
11/13/2016 1:00:00 PM	313200.000	151.672	21.091	350.207	715.679	773.421	0.382	525.926
1397.274	0.998	14.802						
11/13/2016 1:15:00 PM	314100.000	151.678	21.099	350.221	715.387	772.978	0.382	525.625
1397.845	0.998	14.805						
11/13/2016 1:30:00 PM	315000.000	151.680	21.105	350.226	716.234	773.798	0.383	526.183
1396.192	0.998	14.803						
11/13/2016 1:45:00 PM	315900.000	151.648	21.095	350.151	716.462	774.200	0.383	526.456
1395.747	0.998	14.796						
11/13/2016 2:00:00 PM	316800.000	151.674	21.096	350.211	716.430	774.149	0.383	526.421
1395.809	0.998	14.801						
11/13/2016 2:15:00 PM	317700.000	151.692	21.111	350.253	716.661	774.166	0.383	526.433
1395.360	0.998	14.797						
11/13/2016 2:30:00 PM	318600.000	151.690	21.108	350.247	716.190	773.706	0.382	526.120
1396.277	0.998	14.800						
11/13/2016 2:45:00 PM	319500.000	151.697	21.110	350.265	716.103	773.582	0.382	526.036
1396.447	0.998	14.795						
11/13/2016 3:00:00 PM	320400.000	151.689	21.113	350.245	715.860	773.263	0.382	525.819
1396.922	0.998	14.802						
11/13/2016 3:15:00 PM	321300.000	151.698	21.106	350.267	715.174	772.640	0.382	525.395
1398.260	0.998	14.801						
11/13/2016 3:30:00 PM	322200.000	151.714	21.106	350.303	715.125	772.586	0.382	525.358
1398.358	0.998	14.802						
11/13/2016 3:45:00 PM	323100.000	151.704	21.102	350.281	714.951	772.469	0.382	525.279
1398.696	0.998	14.805						
11/13/2016 4:00:00 PM	324000.000	151.671	21.108	350.204	714.780	772.187	0.382	525.087
1399.031	0.998	14.801						
11/13/2016 4:15:00 PM	324900.000	151.715	21.110	350.305	713.902	771.194	0.381	524.412
1400.752	0.998	14.803						
11/13/2016 4:30:00 PM	325800.000	151.717	21.107	350.311	713.729	771.070	0.381	524.327
1401.092	0.998	14.801						
11/13/2016 4:45:00 PM	326700.000	151.712	21.108	350.298	713.671	770.990	0.381	524.273
1401.206	0.998	14.807						
11/13/2016 5:00:00 PM	327600.000	151.713	21.105	350.301	713.697	771.054	0.381	524.317
1401.156	0.998	14.801						
11/13/2016 5:15:00 PM	328500.000	151.708	21.102	350.290	714.082	771.529	0.381	524.640
1400.400	0.998	14.803						
11/13/2016 5:30:00 PM	329400.000	151.720	21.109	350.316	713.898	771.215	0.381	524.426
1400.760	0.998	14.802						
11/13/2016 5:45:00 PM	330300.000	151.711	21.109	350.296	713.553	770.838	0.381	524.170
1401.437	0.998	14.808						
11/13/2016 6:00:00 PM	331200.000	151.721	21.108	350.320	713.408	770.697	0.381	524.074
1401.722	0.998	14.800						
11/13/2016 6:15:00 PM	332100.000	151.711	21.104	350.295	713.085	770.407	0.381	523.877
1402.357	0.998	14.806						
11/13/2016 6:30:00 PM	333000.000	151.717	21.106	350.309	713.229	770.532	0.381	523.962
1402.074	0.998	14.805						
11/13/2016 6:45:00 PM	333900.000	151.721	21.108	350.318	712.570	769.795	0.380	523.461
1403.372	0.998	14.809						
11/13/2016 7:00:00 PM	334800.000	151.724	21.098	350.325	712.899	770.316	0.381	523.815
1402.724	0.998	14.809						
11/13/2016 7:15:00 PM	335700.000	151.718	21.112	350.312	713.225	770.438	0.381	523.898
1402.082	0.998	14.818						
11/13/2016 7:30:00 PM	336600.000	151.731	21.103	350.343	713.145	770.489	0.381	523.932
1402.240	0.998	14.815						
11/13/2016 7:45:00 PM	337500.000	151.728	21.099	350.335	713.150	770.560	0.381	523.981
1402.229	0.998	14.814						
11/13/2016 8:00:00 PM	338400.000	151.735	21.113	350.351	713.890	771.140	0.381	524.375
1400.776	0.998	14.812						
11/13/2016 8:15:00 PM	339300.000	151.734	21.113	350.349	713.884	771.128	0.381	524.367
1400.788	0.998	14.813						
11/13/2016 8:30:00 PM	340200.000	151.744	21.113	350.372	713.465	770.678	0.381	524.061
1401.610	0.998	14.811						
11/13/2016 8:45:00 PM	341100.000	151.745	21.112	350.374	713.039	770.245	0.381	523.767
1402.448	0.998	14.810						
11/13/2016 9:00:00 PM	342000.000	151.752	21.114	350.391	712.595	769.721	0.380	523.410
1403.322	0.998	14.813						
11/13/2016 9:15:00 PM	342900.000	151.743	21.104	350.370	712.175	769.426	0.380	523.210
1404.148	0.998	14.817						
11/13/2016 9:30:00 PM	343800.000	151.749	21.112	350.385	712.579	769.742	0.380	523.424
1403.353	0.998	14.818						
11/13/2016 9:45:00 PM	344700.000	151.772	21.106	350.436	712.577	769.827	0.381	523.482
1403.356	0.998	14.813						
11/13/2016 10:00:00 PM	345600.000	151.764	21.110	350.418	712.248	769.412	0.380	523.200
1404.004	0.998	14.817						
11/13/2016 10:15:00 PM	346500.000	151.766	21.104	350.422	712.312	769.573	0.380	523.309
1403.878	0.998	14.822						
11/13/2016 10:30:00 PM	347400.000	151.776	21.098	350.446	712.091	769.440	0.380	523.219
1404.316	0.998	14.819						
11/13/2016 10:45:00 PM	348300.000	151.777	21.100	350.449	712.234	769.553	0.380	523.296
1404.034	0.998	14.818						
11/13/2016 11:00:00 PM	349200.000	151.788	21.103	350.473	712.776	770.102	0.381	523.670
1402.966	0.998	14.819						
11/13/2016 11:15:00 PM	350100.000	151.782	21.108	350.459	714.578	771.964	0.382	524.935
1399.427	0.998	14.818						
11/13/2016 11:30:00 PM	351000.000	151.786	21.119	350.469	713.700	770.842	0.381	524.173
1401.149	0.998	14.823						
11/13/2016 11:45:00 PM	351900.000	151.767	21.110	350.425	713.410	770.666	0.381	524.053
1401.719	0.998	14.815						
11/14/2016 12:00:00 AM	352800.000	151.802	21.105	350.507	712.302	769.557	0.380	523.299
1403.899	0.998	14.821						
11/14/2016 12:15:00 AM	353700.000	151.814	21.107	350.533	712.355	769.574	0.380	523.310
1403.795	0.998	14.814						
11/14/2016 12:30:00 AM	354600.000	151.786	21.100	350.469	712.123	769.444	0.380	523.222
1404.252	0.998	14.817						
11/14/2016 12:45:00 AM	355500.000	151.813	21.112	350.530	713.206	770.415	0.381	523.882
1402.120	0.998	14.815						
11/14/2016 1:00:00 AM	356400.000	151.833	21.101	350.578	712.887	770.246	0.381	523.767
1402.747	0.998	14.816						
11/14/2016 1:15:00 AM	357300.000	151.831	21.106	350.573	712.641	769.902	0.381	523.534
1403.232	0.998	14.815						
11/14/2016 1:30:00 AM	358200.000	151.833	21.108	350.578	712.998	770.261	0.381	523.777
1402.528	0.998	14.813						
11/14/2016 1:45:00 AM	359100.000	151.849	21.107	350.615	713.037	770.308	0.381	523.810
1402.451	0.998	14.814						
11/14/2016 2:00:00 AM	360000.000	151.811	21.108	350.527	712.856	770.099	0.381	523.667
1402.807	0.998	14.818						
11/14/2016 2:15:00 AM	360900.000	151.843	21.107	350.602	712.634	769.886	0.381	523.522
1403.244	0.998	14.816						
11/14/2016 2:30:00 AM	361800.000	151.853	21.113	350.625	712.714	769.875	0.381	523.515
1403.087	0.998	14.808						
11/14/2016 2:45:00 AM	362700.000	151.848	21.111	350.611	712.598	769.784	0.380	523.453
1403.315	0.998	14.815						
11/14/2016 3:00:00 AM	363600.000	151.872	21.109	350.667	712.327	769.513	0.380	523.269
1403.849	0.998	14.813						
11/14/2016 3:15:00 AM	364500.000	151.865	21.112	350.653	712.191	769.326	0.380	523.142
1404.118	0.998	14.809						
11/14/2016 3:30:00 AM	365400.000	151.868	21.102	350.659	711.760	769.017	0.380	522.932
1404.968	0.998	14.809						
11/14/2016 3:45:00 AM	366300.000	151.885	21.105	350.697	711.723	768.934	0.380	522.875
1405.042	0.998	14.811						
11/14/2016 4:00:00 AM	367200.000	151.882	21.105	350.691	712.441	769.710	0.380	523.403
1403.626	0.998	14.813						
11/14/2016 4:15:00 AM	368100.000	151.884	21.107	350.695	711.961	769.152	0.380	523.023

1404.571	0.998	14.809						
11/14/2016 4:30:00 AM	369000.000	151.889	21.114	350.706	712.023	769.113	0.380	522.997
1404.449	0.998	14.813						
11/14/2016 4:45:00 AM	369900.000	151.897	21.109	350.727	712.068	769.240	0.380	523.083
1404.361	0.998	14.810						
11/14/2016 5:00:00 AM	370800.000	151.904	21.109	350.742	712.029	769.189	0.380	523.049
1404.437	0.998	14.811						
11/14/2016 5:15:00 AM	371700.000	151.899	21.109	350.730	711.907	769.066	0.380	522.965
1404.678	0.998	14.810						
11/14/2016 5:30:00 AM	372600.000	151.901	21.115	350.734	711.197	768.206	0.380	522.380
1406.079	0.998	14.808						
11/14/2016 5:45:00 AM	373500.000	151.906	21.104	350.747	710.393	767.513	0.379	521.909
1407.671	0.998	14.812						
11/14/2016 6:00:00 AM	374400.000	151.915	21.112	350.767	711.470	768.539	0.380	522.607
1405.541	0.998	14.808						
11/14/2016 6:15:00 AM	375300.000	151.914	21.106	350.765	711.897	769.105	0.380	522.992
1404.698	0.998	14.811						
11/14/2016 6:30:00 AM	376200.000	151.918	21.106	350.773	712.084	769.306	0.380	523.128
1404.329	0.998	14.808						
11/14/2016 6:45:00 AM	377100.000	151.928	21.115	350.797	712.074	769.140	0.380	523.015
1404.348	0.998	14.808						
11/14/2016 7:00:00 AM	378000.000	151.928	21.108	350.797	711.569	768.721	0.380	522.730
1405.345	0.998	14.815						
11/14/2016 7:15:00 AM	378900.000	151.936	21.111	350.816	711.615	768.716	0.380	522.727
1405.255	0.998	14.821						
11/14/2016 7:30:00 AM	379800.000	151.949	21.100	350.844	711.500	768.762	0.380	522.758
1405.482	0.998	14.814						
11/14/2016 7:45:00 AM	380700.000	151.942	21.112	350.829	711.882	768.995	0.380	522.917
1404.727	0.998	14.822						
11/14/2016 8:00:00 AM	381600.000	151.904	21.105	350.743	711.585	768.786	0.380	522.774
1405.313	0.998	14.825						
11/14/2016 8:15:00 AM	382500.000	151.967	21.109	350.888	711.535	768.664	0.380	522.692
1405.413	0.998	14.818						
11/14/2016 8:30:00 AM	383400.000	151.955	21.093	350.859	711.148	768.501	0.380	522.581
1406.177	0.998	14.825						
11/14/2016 8:45:00 AM	384300.000	151.914	21.097	350.765	711.195	768.483	0.380	522.569
1406.084	0.998	14.819						
11/14/2016 9:00:00 AM	385200.000	151.918	21.099	350.775	711.039	768.279	0.380	522.430
1406.392	0.998	14.828						
11/14/2016 9:15:00 AM	386100.000	151.943	21.108	350.831	711.968	769.138	0.380	523.014
1404.557	0.998	14.824						
11/14/2016 9:30:00 AM	387000.000	151.919	21.113	350.777	712.693	769.843	0.381	523.493
1403.130	0.998	14.824						
11/14/2016 9:45:00 AM	387900.000	151.913	21.108	350.763	711.910	769.074	0.380	522.970
1404.672	0.998	14.827						
11/14/2016 10:00:00 AM	388800.000	151.925	21.107	350.790	711.147	768.280	0.380	522.430
1406.180	0.998	14.814						
11/14/2016 10:15:00 AM	389700.000	151.915	21.105	350.767	711.220	768.382	0.380	522.500
1406.034	0.998	14.815						
11/14/2016 10:30:00 AM	390600.000	151.870	21.105	350.664	711.643	768.848	0.380	522.817
1405.199	0.998	14.818						
11/14/2016 10:45:00 AM	391500.000	151.898	21.103	350.728	711.821	769.067	0.380	522.966
1404.847	0.998	14.820						
11/14/2016 11:00:00 AM	392400.000	151.893	21.100	350.715	711.902	769.203	0.380	523.058
1404.687	0.998	14.812						
11/14/2016 11:15:00 AM	393300.000	151.888	21.095	350.704	712.112	769.502	0.380	523.262
1404.273	0.998	14.813						
11/14/2016 11:30:00 AM	394200.000	151.875	21.104	350.674	712.977	770.296	0.381	523.801
1402.570	0.998	14.809						
11/14/2016 11:45:00 AM	395100.000	151.857	21.113	350.633	713.179	770.378	0.381	523.857
1402.173	0.998	14.805						
11/14/2016 12:00:00 PM	396000.000	151.828	21.098	350.566	712.577	769.963	0.381	523.575
1403.356	0.998	14.804						
11/14/2016 12:15:00 PM	396900.000	151.850	21.108	350.617	713.159	770.438	0.381	523.898
1402.212	0.998	14.803						
11/14/2016 12:30:00 PM	397800.000	151.821	21.102	350.549	713.225	770.594	0.381	524.004
1402.083	0.998	14.798						
11/14/2016 12:45:00 PM	398700.000	151.848	21.111	350.613	713.124	770.341	0.381	523.832
1402.281	0.998	14.798						
11/14/2016 1:00:00 PM	399600.000	151.854	21.111	350.625	712.849	770.054	0.381	523.637
1402.821	0.998	14.796						
11/14/2016 1:15:00 PM	400500.000	151.835	21.116	350.582	713.111	770.259	0.381	523.776
1402.307	0.998	14.799						
11/14/2016 1:30:00 PM	401400.000	151.832	21.104	350.576	712.146	769.398	0.380	523.191
1404.207	0.998	14.797						
11/14/2016 1:45:00 PM	402300.000	151.822	21.103	350.553	712.189	769.454	0.380	523.229
1404.122	0.998	14.796						
11/14/2016 2:00:00 PM	403200.000	151.800	21.109	350.502	712.238	769.424	0.380	523.209
1404.024	0.998	14.788						
11/14/2016 2:15:00 PM	404100.000	151.786	21.104	350.469	712.144	769.394	0.380	523.188
1404.210	0.998	14.793						
11/14/2016 2:30:00 PM	405000.000	151.742	21.087	350.367	712.072	769.592	0.380	523.323
1404.352	0.998	14.790						
11/14/2016 2:45:00 PM	405900.000	151.751	21.095	350.388	712.584	770.012	0.381	523.608
1403.344	0.998	14.795						
11/14/2016 3:00:00 PM	406800.000	151.732	21.100	350.344	713.543	770.974	0.381	524.262
1401.456	0.998	14.794						
11/14/2016 3:15:00 PM	407700.000	151.706	21.109	350.285	714.127	771.459	0.381	524.592
1400.312	0.998	14.796						
11/14/2016 3:30:00 PM	408600.000	151.655	21.094	350.167	714.254	771.830	0.382	524.845
1400.062	0.998	14.795						
11/14/2016 3:45:00 PM	409500.000	151.672	21.100	350.207	715.173	772.742	0.382	525.464
1398.262	0.998	14.797						
11/14/2016 4:00:00 PM	410400.000	151.657	21.107	350.171	715.460	772.939	0.382	525.599
1397.703	0.998	14.794						
11/14/2016 4:15:00 PM	411300.000	151.591	21.099	350.020	715.863	773.496	0.382	525.978
1396.916	0.998	14.799						
11/14/2016 4:30:00 PM	412200.000	151.601	21.104	350.043	716.392	773.991	0.383	526.314
1395.884	0.998	14.801						
11/14/2016 4:45:00 PM	413100.000	151.588	21.103	350.011	716.634	774.264	0.383	526.499
1395.413	0.998	14.800						
11/14/2016 5:00:00 PM	414000.000	151.543	21.101	349.909	716.948	774.642	0.383	526.756
1394.802	0.998	14.796						
11/14/2016 5:15:00 PM	414900.000	151.551	21.090	349.926	717.029	774.894	0.383	526.928
1394.645	0.998	14.799						
11/14/2016 5:30:00 PM	415800.000	151.538	21.100	349.898	717.935	775.720	0.384	527.490
1392.883	0.998	14.796						
11/14/2016 5:45:00 PM	416700.000	151.520	21.099	349.855	718.107	775.924	0.384	527.628
1392.550	0.998	14.795						
11/14/2016 6:00:00 PM	417600.000	151.499	21.103	349.807	719.038	776.869	0.384	528.271
1390.746	0.998	14.800						
11/14/2016 6:15:00 PM	418500.000	151.433	21.097	349.654	719.177	777.105	0.384	528.431
1390.479	0.998	14.806						
11/14/2016 6:30:00 PM	419400.000	151.457	21.092	349.709	718.595	776.553	0.384	528.056
1391.605	0.998	14.802						
11/14/2016 6:45:00 PM	420300.000	151.417	21.086	349.618	718.260	776.290	0.384	527.877
1392.253	0.998	14.805						
11/14/2016 7:00:00 PM	421200.000	151.411	21.096	349.604	718.440	776.320	0.384	527.898
1391.905	0.998	14.797						
11/14/2016 7:15:00 PM	422100.000	151.436	21.096	349.662	718.612	776.522	0.384	528.035
1391.572	0.998	14.798						
11/14/2016 7:30:00 PM	423000.000	151.432	21.104	349.652	718.972	776.768	0.384	528.202
1390.874	0.998	14.803						
11/14/2016 7:45:00 PM	423900.000	151.449	21.091	349.692	718.986	776.990	0.384	528.353
1390.848	0.998	14.802						
11/14/2016 8:00:00 PM	424800.000	151.437	21.107	349.664	718.205	775.904	0.384	527.615
1392.360	0.998	14.800						
11/14/2016 8:15:00 PM	425700.000	151.448	21.107	349.688	717.887	775.550	0.383	527.374
1392.977	0.998	14.797						
11/14/2016 8:30:00 PM	426600.000	151.446	21.110	349.685	717.421	774.995	0.383	526.997
1393.882	0.998	14.797						
11/14/2016 8:45:00 PM	427500.000	151.410	21.092	349.601	716.757	774.569	0.383	526.707
1395.172	0.998	14.802						

11/14/2016 9:00:00 PM	428400.000	151.455	21.114	349.705	717.073	774.569	0.383	526.707	1394.559
0.998	14.798								
11/14/2016 9:15:00 PM	429300.000	151.446	21.101	349.683	717.186	774.898	0.383	526.930	1394.339
0.998	14.806								
11/14/2016 9:30:00 PM	430200.000	151.471	21.100	349.741	717.743	775.512	0.383	527.348	1393.257
0.998	14.800								
11/14/2016 9:45:00 PM	431100.000	151.469	21.108	349.736	718.240	775.920	0.384	527.625	1392.292
0.998	14.798								
11/14/2016 10:00:00 PM	432000.000	151.464	21.111	349.725	718.330	775.964	0.384	527.655	1392.117
0.998	14.803								
11/14/2016 10:15:00 PM	432900.000	151.481	21.105	349.766	717.735	775.418	0.383	527.284	1393.271
0.998	14.801								
11/14/2016 10:30:00 PM	433800.000	151.496	21.108	349.800	717.694	775.332	0.383	527.226	1393.351
0.998	14.799								
11/14/2016 10:45:00 PM	434700.000	151.452	21.095	349.697	717.073	774.863	0.383	526.907	1394.557
0.998	14.800								
11/14/2016 11:00:00 PM	435600.000	151.519	21.110	349.852	717.353	774.932	0.383	526.954	1394.013
0.998	14.795								
11/14/2016 11:15:00 PM	436500.000	151.504	21.104	349.819	717.092	774.739	0.383	526.823	1394.521
0.998	14.802								
11/14/2016 11:30:00 PM	437400.000	151.514	21.106	349.840	717.143	774.774	0.383	526.846	1394.421
0.998	14.805								
11/14/2016 11:45:00 PM	438300.000	151.537	21.099	349.895	716.930	774.649	0.383	526.762	1394.836
0.998	14.799								
11/15/2016 12:00:00 AM	439200.000	151.533	21.105	349.885	717.594	775.267	0.383	527.182	1393.545
0.998	14.801								
11/15/2016 12:15:00 AM	440100.000	151.552	21.103	349.929	717.722	775.437	0.383	527.297	1393.297
0.998	14.800								
11/15/2016 12:30:00 AM	441000.000	151.556	21.106	349.937	717.691	775.360	0.383	527.245	1393.358
0.998	14.801								
11/15/2016 12:45:00 AM	441900.000	151.579	21.107	349.991	717.495	775.136	0.383	527.092	1393.737
0.998	14.799								
11/15/2016 1:00:00 AM	442800.000	151.586	21.101	350.008	717.153	774.863	0.383	526.907	1394.402
0.998	14.797								
11/15/2016 1:15:00 AM	443700.000	151.588	21.095	350.012	717.594	775.431	0.383	527.293	1393.545
0.998	14.802								
11/15/2016 1:30:00 AM	444600.000	151.603	21.104	350.047	717.251	774.912	0.383	526.940	1394.212
0.998	14.806								
11/15/2016 1:45:00 AM	445500.000	151.610	21.097	350.062	717.600	775.404	0.383	527.275	1393.534
0.998	14.802								
11/15/2016 2:00:00 AM	446400.000	151.618	21.089	350.082	717.150	775.044	0.383	527.030	1394.408
0.998	14.804								
11/15/2016 2:15:00 AM	447300.000	151.630	21.101	350.108	718.614	776.444	0.384	527.982	1391.567
0.998	14.796								
11/15/2016 2:30:00 AM	448200.000	151.631	21.109	350.112	719.405	777.162	0.384	528.470	1390.038
0.998	14.801								
11/15/2016 2:45:00 AM	449100.000	151.632	21.112	350.112	719.527	777.241	0.384	528.524	1389.802
0.998	14.807								
11/15/2016 3:00:00 AM	450000.000	151.649	21.122	350.153	718.107	775.553	0.383	527.376	1392.550
0.998	14.804								
11/15/2016 3:15:00 AM	450900.000	151.653	21.110	350.162	717.952	775.568	0.383	527.387	1392.852
0.998	14.802								
11/15/2016 3:30:00 AM	451800.000	151.658	21.101	350.173	716.856	774.540	0.383	526.687	1394.980
0.998	14.807								
11/15/2016 3:45:00 AM	452700.000	151.675	21.107	350.212	714.847	772.273	0.382	525.146	1398.901
0.998	14.795								
11/15/2016 4:00:00 AM	453600.000	151.680	21.112	350.225	715.164	772.530	0.382	525.320	1398.280
0.998	14.797								
11/15/2016 4:15:00 AM	454500.000	151.691	21.104	350.250	715.330	772.836	0.382	525.528	1397.955
0.998	14.799								
11/15/2016 4:30:00 AM	455400.000	151.659	21.106	350.177	715.150	772.620	0.382	525.382	1398.308
0.998	14.798								
11/15/2016 4:45:00 AM	456300.000	151.708	21.113	350.289	715.049	772.396	0.382	525.229	1398.505
0.998	14.799								
11/15/2016 5:00:00 AM	457200.000	151.701	21.101	350.274	715.221	772.771	0.382	525.484	1398.169
0.998	14.801								
11/15/2016 5:15:00 AM	458100.000	151.677	21.109	350.217	714.562	771.929	0.382	524.912	1399.459
0.998	14.795								
11/15/2016 5:30:00 AM	459000.000	151.716	21.110	350.308	714.004	771.319	0.381	524.497	1400.552
0.998	14.799								
11/15/2016 5:45:00 AM	459900.000	151.723	21.101	350.324	713.419	770.829	0.381	524.164	1401.700
0.998	14.801								
11/15/2016 6:00:00 AM	460800.000	151.735	21.109	350.351	713.769	771.079	0.381	524.333	1401.013
0.998	14.795								
11/15/2016 6:15:00 AM	461700.000	151.742	21.099	350.366	714.161	771.664	0.381	524.731	1400.244
0.998	14.800								
11/15/2016 6:30:00 AM	462600.000	151.745	21.106	350.374	713.388	770.705	0.381	524.080	1401.762
0.998	14.800								
11/15/2016 6:45:00 AM	463500.000	151.750	21.114	350.386	714.016	771.262	0.381	524.458	1400.528
0.998	14.800								
11/15/2016 7:00:00 AM	464400.000	151.764	21.102	350.419	713.307	770.692	0.381	524.071	1401.920
0.998	14.798								
11/15/2016 7:15:00 AM	465300.000	151.756	21.110	350.400	713.095	770.332	0.381	523.826	1402.338
0.998	14.795								
11/15/2016 7:30:00 AM	466200.000	151.775	21.109	350.444	713.071	770.313	0.381	523.813	1402.385
0.998	14.798								
11/15/2016 7:45:00 AM	467100.000	151.776	21.109	350.446	712.651	769.861	0.381	523.505	1403.212
0.998	14.793								
11/15/2016 8:00:00 AM	468000.000	151.782	21.108	350.460	712.449	769.661	0.380	523.369	1403.609
0.998	14.792								
11/15/2016 8:15:00 AM	468900.000	151.785	21.110	350.468	711.689	768.805	0.380	522.787	1405.108
0.998	14.796								
11/15/2016 8:30:00 AM	469800.000	151.788	21.110	350.474	711.641	768.756	0.380	522.754	1405.203
0.998	14.789								
11/15/2016 8:45:00 AM	470700.000	151.772	21.108	350.436	711.453	768.583	0.380	522.637	1405.574
0.998	14.801								
11/15/2016 9:00:00 AM	471600.000	151.769	21.115	350.431	711.373	768.383	0.380	522.500	1405.733
0.998	14.797								
11/15/2016 9:15:00 AM	472500.000	151.776	21.105	350.447	710.642	767.759	0.379	522.076	1407.179
0.998	14.800								
11/15/2016 9:30:00 AM	473400.000	151.772	21.101	350.438	711.390	768.625	0.380	522.665	1405.700
0.998	14.798								
11/15/2016 9:45:00 AM	474300.000	151.731	21.097	350.342	711.952	769.300	0.380	523.124	1404.589
0.998	14.799								
11/15/2016 10:00:00 AM	475200.000	151.705	21.103	350.283	712.431	769.728	0.380	523.415	1403.645
0.998	14.802								
11/15/2016 10:15:00 AM	476100.000	151.730	21.101	350.341	713.192	770.574	0.381	523.991	1402.147
0.998	14.801								
11/15/2016 10:30:00 AM	477000.000	151.718	21.109	350.312	713.366	770.634	0.381	524.031	1401.804
0.998	14.797								
11/15/2016 10:45:00 AM	477900.000	151.712	21.102	350.298	713.074	770.435	0.381	523.895	1402.379
0.998	14.802								
11/15/2016 11:00:00 AM	478800.000	151.697	21.108	350.264	712.825	770.069	0.381	523.647	1402.870
0.998	14.796								
11/15/2016 11:15:00 AM	479700.000	151.684	21.096	350.234	712.329	769.721	0.380	523.410	1403.847
0.998	14.793								
11/15/2016 11:30:00 AM	480600.000	151.641	21.093	350.133	712.439	769.888	0.381	523.524	1403.628
0.998	14.790								
11/15/2016 11:45:00 AM	481500.000	151.671	21.098	350.203	712.233	769.594	0.380	523.324	1404.034
0.998	14.787								
11/15/2016 12:00:00 PM	482400.000	151.652	21.099	350.159	712.744	770.125	0.381	523.685	1403.029
0.998	14.787								
11/15/2016 12:15:00 PM	483300.000	151.640	21.108	350.131	713.143	770.417	0.381	523.884	1402.243
0.998	14.782								
11/15/2016 12:30:00 PM	484200.000	151.597	21.100	350.032	713.298	770.703	0.381	524.078	1401.939
0.998	14.778								
11/15/2016 12:45:00 PM	485100.000	151.613	21.100	350.069	713.155	770.551	0.381	523.975	1402.219
0.998	14.775								
11/15/2016 1:00:00 PM	486000.000	151.604	21.104	350.050	713.968	771.374	0.381	524.534	1400.623
0.998	14.773								
11/15/2016 1:15:00 PM	486900.000	151.596	21.106	350.030	714.246	771.641	0.381	524.716	1400.077
0.998	14.768								
11/15/2016 1:30:00 PM	487800.000	151.588	21.102	350.012	713.859	771.280	0.381	524.470	

1400.837	0.998	14.766						
11/15/2016 1:45:00 PM	488700.000	151.563	21.102	349.953	713.541	770.932	0.381	524.234
1401.461	0.998	14.768						
11/15/2016 2:00:00 PM	489600.000	151.557	21.106	349.940	713.378	770.694	0.381	524.072
1401.781	0.998	14.771						
11/15/2016 2:15:00 PM	490500.000	151.567	21.107	349.964	713.786	771.121	0.381	524.362
1400.981	0.998	14.762						
11/15/2016 2:30:00 PM	491400.000	151.555	21.093	349.936	713.329	770.857	0.381	524.183
1401.879	0.998	14.764						
11/15/2016 2:45:00 PM	492300.000	151.543	21.102	349.908	713.884	771.306	0.381	524.488
1400.789	0.998	14.764						
11/15/2016 3:00:00 PM	493200.000	151.480	21.091	349.762	713.741	771.331	0.381	524.505
1401.069	0.998	14.766						
11/15/2016 3:15:00 PM	494100.000	151.507	21.105	349.826	714.030	771.424	0.381	524.568
1400.501	0.998	14.759						
11/15/2016 3:30:00 PM	495000.000	151.499	21.103	349.806	713.819	771.217	0.381	524.428
1400.915	0.998	14.762						
11/15/2016 3:45:00 PM	495900.000	151.490	21.108	349.787	713.851	771.181	0.381	524.403
1400.852	0.998	14.763						
11/15/2016 4:00:00 PM	496800.000	151.468	21.103	349.736	713.668	771.063	0.381	524.323
1401.212	0.998	14.765						
11/15/2016 4:15:00 PM	497700.000	151.455	21.093	349.704	713.747	771.300	0.381	524.484
1401.057	0.998	14.767						
11/15/2016 4:30:00 PM	498600.000	151.414	21.103	349.611	714.645	772.114	0.382	525.037
1399.296	0.998	14.767						
11/15/2016 4:45:00 PM	499500.000	151.432	21.091	349.652	714.808	772.476	0.382	525.284
1398.977	0.998	14.765						
11/15/2016 5:00:00 PM	500400.000	151.419	21.097	349.621	715.279	772.896	0.382	525.570
1398.056	0.998	14.760						
11/15/2016 5:15:00 PM	501300.000	151.386	21.108	349.545	715.755	773.243	0.382	525.805
1397.126	0.998	14.769						
11/15/2016 5:30:00 PM	502200.000	151.367	21.097	349.502	715.572	773.220	0.382	525.790
1397.483	0.998	14.768						
11/15/2016 5:45:00 PM	503100.000	151.364	21.096	349.494	716.329	774.045	0.383	526.351
1396.006	0.998	14.766						
11/15/2016 6:00:00 PM	504000.000	151.354	21.102	349.471	717.250	774.946	0.383	526.963
1394.215	0.998	14.764						
11/15/2016 6:15:00 PM	504900.000	151.333	21.100	349.424	716.654	774.332	0.383	526.546
1395.374	0.998	14.769						
11/15/2016 6:30:00 PM	505800.000	151.315	21.101	349.383	717.528	775.261	0.383	527.177
1393.673	0.998	14.764						
11/15/2016 6:45:00 PM	506700.000	151.295	21.099	349.336	717.395	775.150	0.383	527.102
1393.933	0.998	14.772						
11/15/2016 7:00:00 PM	507600.000	151.248	21.102	349.228	716.774	774.425	0.383	526.609
1395.140	0.998	14.767						
11/15/2016 7:15:00 PM	508500.000	151.286	21.103	349.314	716.853	774.503	0.383	526.662
1394.986	0.998	14.771						
11/15/2016 7:30:00 PM	509400.000	151.267	21.095	349.271	716.769	774.531	0.383	526.681
1395.151	0.998	14.771						
11/15/2016 7:45:00 PM	510300.000	151.224	21.096	349.171	717.288	775.090	0.383	527.061
1394.140	0.998	14.768						
11/15/2016 8:00:00 PM	511200.000	151.235	21.097	349.197	717.485	775.275	0.383	527.187
1393.758	0.998	14.766						
11/15/2016 8:15:00 PM	512100.000	151.267	21.090	349.272	717.662	775.578	0.383	527.393
1393.413	0.998	14.775						
11/15/2016 8:30:00 PM	513000.000	151.261	21.099	349.258	717.776	775.564	0.383	527.383
1393.192	0.998	14.774						
11/15/2016 8:45:00 PM	513900.000	151.272	21.101	349.282	717.990	775.764	0.384	527.520
1392.776	0.998	14.779						
11/15/2016 9:00:00 PM	514800.000	151.240	21.101	349.207	717.683	775.435	0.383	527.296
1393.372	0.998	14.770						
11/15/2016 9:15:00 PM	515700.000	151.274	21.105	349.287	717.545	775.211	0.383	527.143
1393.641	0.998	14.782						
11/15/2016 9:30:00 PM	516600.000	151.293	21.106	349.331	717.297	774.939	0.383	526.958
1394.122	0.998	14.775						
11/15/2016 9:45:00 PM	517500.000	151.263	21.107	349.262	716.640	774.202	0.383	526.458
1395.400	0.998	14.781						
11/15/2016 10:00:00 PM	518400.000	151.277	21.105	349.294	715.979	773.520	0.382	525.993
1396.690	0.998	14.780						
11/15/2016 10:15:00 PM	519300.000	151.273	21.104	349.285	715.915	773.473	0.382	525.962
1396.814	0.998	14.783						
11/15/2016 10:30:00 PM	520200.000	151.281	21.099	349.304	716.433	774.114	0.383	526.398
1395.804	0.998	14.782						
11/15/2016 10:45:00 PM	521100.000	151.325	21.100	349.405	717.148	774.864	0.383	526.907
1394.413	0.998	14.786						
11/15/2016 11:00:00 PM	522000.000	151.325	21.103	349.404	717.537	775.246	0.383	527.167
1393.657	0.998	14.790						
11/15/2016 11:15:00 PM	522900.000	151.330	21.093	349.416	717.043	774.864	0.383	526.907
1394.617	0.998	14.788						
11/15/2016 11:30:00 PM	523800.000	151.323	21.099	349.401	717.066	774.792	0.383	526.859
1394.573	0.998	14.778						
11/15/2016 11:45:00 PM	524700.000	151.352	21.107	349.467	716.984	774.580	0.383	526.715
1394.732	0.998	14.783						
11/16/2016 12:00:00 AM	525600.000	151.379	21.101	349.530	716.755	774.427	0.383	526.610
1395.176	0.998	14.777						
11/16/2016 12:15:00 AM	526500.000	151.385	21.105	349.543	716.802	774.413	0.383	526.601
1395.086	0.998	14.780						
11/16/2016 12:30:00 AM	527400.000	151.395	21.109	349.567	716.831	774.388	0.383	526.584
1395.028	0.998	14.778						
11/16/2016 12:45:00 AM	528300.000	151.407	21.104	349.595	715.608	773.133	0.382	525.730
1397.414	0.998	14.780						
11/16/2016 1:00:00 AM	529200.000	151.421	21.096	349.625	715.015	772.633	0.382	525.391
1398.572	0.998	14.780						
11/16/2016 1:15:00 AM	530100.000	151.420	21.111	349.624	714.252	771.559	0.381	524.660
1400.067	0.998	14.779						
11/16/2016 1:30:00 AM	531000.000	151.441	21.103	349.672	715.301	772.823	0.382	525.519
1398.013	0.998	14.775						
11/16/2016 1:45:00 AM	531900.000	151.453	21.105	349.700	715.177	772.661	0.382	525.410
1398.256	0.998	14.772						
11/16/2016 2:00:00 AM	532800.000	151.452	21.111	349.699	713.398	770.640	0.381	524.035
1401.742	0.998	14.779						
11/16/2016 2:15:00 AM	533700.000	151.466	21.109	349.730	713.708	771.012	0.381	524.288
1401.133	0.998	14.779						
11/16/2016 2:30:00 AM	534600.000	151.474	21.106	349.748	712.780	770.048	0.381	523.633
1402.958	0.998	14.777						
11/16/2016 2:45:00 AM	535500.000	151.498	21.109	349.805	712.731	769.950	0.381	523.566
1403.053	0.998	14.774						
11/16/2016 3:00:00 AM	536400.000	151.511	21.108	349.833	713.190	770.467	0.381	523.917
1402.150	0.998	14.771						
11/16/2016 3:15:00 AM	537300.000	151.517	21.102	349.848	712.942	770.292	0.381	523.799
1402.638	0.998	14.775						
11/16/2016 3:30:00 AM	538200.000	151.517	21.106	349.848	713.103	770.408	0.381	523.878
1402.323	0.998	14.777						
11/16/2016 3:45:00 AM	539100.000	151.536	21.111	349.891	713.685	770.945	0.381	524.242
1401.178	0.998	14.772						
11/16/2016 4:00:00 AM	540000.000	151.543	21.110	349.909	713.467	770.736	0.381	524.100
1401.606	0.998	14.774						
11/16/2016 4:15:00 AM	540900.000	151.540	21.110	349.900	713.240	770.490	0.381	523.933
1402.053	0.998	14.769						
11/16/2016 4:30:00 AM	541800.000	151.554	21.111	349.933	712.266	769.413	0.380	523.201
1403.969	0.998	14.776						
11/16/2016 4:45:00 AM	542700.000	151.566	21.106	349.961	711.971	769.186	0.380	523.047
1404.552	0.998	14.777						
11/16/2016 5:00:00 AM	543600.000	151.580	21.109	349.993	712.220	769.407	0.380	523.197
1404.061	0.998	14.774						
11/16/2016 5:15:00 AM	544500.000	151.591	21.105	350.018	712.576	769.854	0.381	523.501
1403.358	0.998	14.768						
11/16/2016 5:30:00 AM	545400.000	151.587	21.109	350.009	713.125	770.377	0.381	523.857
1402.278	0.998	14.774						
11/16/2016 5:45:00 AM	546300.000	151.602	21.102	350.045	713.007	770.364	0.381	523.848
1402.511	0.998	14.770						
11/16/2016 6:00:00 AM	547200.000	151.611	21.104	350.066	712.697	769.991	0.381	523.594
1403.121	0.998	14.765						

11/16/2016 6:15:00 AM	548100.000	151.612	21.109	350.068	712.677	769.891	0.381	523.526	1403.161
0.998	14.767								
11/16/2016 6:30:00 AM	549000.000	151.611	21.110	350.064	712.182	769.344	0.380	523.154	1404.136
0.998	14.779								
11/16/2016 6:45:00 AM	549900.000	151.631	21.111	350.111	711.470	768.563	0.380	522.623	1405.540
0.998	14.778								
11/16/2016 7:00:00 AM	550800.000	151.647	21.118	350.148	710.208	767.084	0.379	521.617	1408.037
0.998	14.771								
11/16/2016 7:15:00 AM	551700.000	151.647	21.108	350.149	709.877	766.878	0.379	521.477	1408.694
0.998	14.778								
11/16/2016 7:30:00 AM	552600.000	151.651	21.115	350.158	710.758	767.733	0.379	522.058	1406.948
0.998	14.784								
11/16/2016 7:45:00 AM	553500.000	151.662	21.113	350.183	710.612	767.597	0.379	521.966	1407.238
0.998	14.782								
11/16/2016 8:00:00 AM	554400.000	151.669	21.103	350.198	709.541	766.594	0.379	521.284	1409.362
0.998	14.786								
11/16/2016 8:15:00 AM	555300.000	151.670	21.109	350.202	709.380	766.330	0.379	521.105	1409.681
0.998	14.790								
11/16/2016 8:30:00 AM	556200.000	151.684	21.112	350.233	708.737	765.592	0.378	520.603	1410.961
0.998	14.788								
11/16/2016 8:45:00 AM	557100.000	151.692	21.111	350.252	708.847	765.723	0.378	520.692	1410.742
0.998	14.787								
11/16/2016 9:00:00 AM	558000.000	151.683	21.110	350.232	708.798	765.694	0.378	520.672	1410.839
0.998	14.786								
11/16/2016 9:15:00 AM	558900.000	151.643	21.110	350.139	708.823	765.723	0.378	520.691	1410.789
0.998	14.781								
11/16/2016 9:30:00 AM	559800.000	151.671	21.110	350.203	709.424	766.361	0.379	521.125	1409.595
0.998	14.790								
11/16/2016 9:45:00 AM	560700.000	151.672	21.107	350.206	709.757	766.777	0.379	521.408	1408.934
0.998	14.786								
11/16/2016 10:00:00 AM	561600.000	151.653	21.114	350.161	709.677	766.581	0.379	521.275	1409.092
0.998	14.789								
11/16/2016 10:15:00 AM	562500.000	151.662	21.110	350.183	709.209	766.134	0.379	520.971	1410.022
0.998	14.784								
11/16/2016 10:30:00 AM	563400.000	151.645	21.102	350.143	709.118	766.157	0.379	520.987	1410.203
0.998	14.785								
11/16/2016 10:45:00 AM	564300.000	151.621	21.110	350.088	709.337	766.272	0.379	521.065	1409.767
0.998	14.783								
11/16/2016 11:00:00 AM	565200.000	151.622	21.103	350.091	709.248	766.292	0.379	521.079	1409.944
0.998	14.780								
11/16/2016 11:15:00 AM	566100.000	151.575	21.101	349.982	709.197	766.267	0.379	521.062	1410.046
0.998	14.788								
11/16/2016 11:30:00 AM	567000.000	151.595	21.103	350.029	709.219	766.246	0.379	521.048	1410.001
0.998	14.781								
11/16/2016 11:45:00 AM	567900.000	151.591	21.105	350.019	710.292	767.379	0.379	521.818	1407.872
0.998	14.777								
11/16/2016 12:00:00 PM	568800.000	151.579	21.106	349.990	710.176	767.233	0.379	521.718	1408.101
0.998	14.775								
11/16/2016 12:15:00 PM	569700.000	151.583	21.111	350.000	709.706	766.649	0.379	521.321	1409.034
0.998	14.766								
11/16/2016 12:30:00 PM	570600.000	151.563	21.109	349.955	709.122	766.052	0.379	520.916	1410.195
0.998	14.773								
11/16/2016 12:45:00 PM	571500.000	151.545	21.104	349.912	708.769	765.755	0.378	520.713	1410.898
0.998	14.769								
11/16/2016 1:00:00 PM	572400.000	151.540	21.108	349.902	709.180	766.128	0.379	520.967	1410.078
0.998	14.764								
11/16/2016 1:15:00 PM	573300.000	151.531	21.108	349.880	708.988	765.932	0.379	520.834	1410.461
0.998	14.766								
11/16/2016 1:30:00 PM	574200.000	151.535	21.097	349.890	708.944	766.051	0.379	520.915	1410.548
0.998	14.755								
11/16/2016 1:45:00 PM	575100.000	151.477	21.094	349.756	708.786	765.936	0.379	520.836	1410.863
0.998	14.756								
11/16/2016 2:00:00 PM	576000.000	151.507	21.098	349.826	709.592	766.737	0.379	521.381	1409.261
0.998	14.755								
11/16/2016 2:15:00 PM	576900.000	151.492	21.106	349.789	710.529	767.614	0.379	521.978	1407.401
0.998	14.758								
11/16/2016 2:30:00 PM	577800.000	151.494	21.107	349.794	710.101	767.141	0.379	521.656	1408.250
0.998	14.754								
11/16/2016 2:45:00 PM	578700.000	151.456	21.103	349.707	709.605	766.665	0.379	521.332	1409.235
0.998	14.752								
11/16/2016 3:00:00 PM	579600.000	151.485	21.100	349.773	710.209	767.366	0.379	521.809	1408.037
0.998	14.754								
11/16/2016 3:15:00 PM	580500.000	151.478	21.108	349.758	711.069	768.176	0.380	522.360	1406.333
0.998	14.756								
11/16/2016 3:30:00 PM	581400.000	151.466	21.112	349.731	711.212	768.258	0.380	522.415	1406.050
0.998	14.755								
11/16/2016 3:45:00 PM	582300.000	151.417	21.104	349.618	710.762	767.899	0.380	522.171	1406.941
0.998	14.755								
11/16/2016 4:00:00 PM	583200.000	151.458	21.094	349.713	711.055	768.386	0.380	522.503	1406.361
0.998	14.755								
11/16/2016 4:15:00 PM	584100.000	151.445	21.109	349.683	711.898	769.057	0.380	522.959	1404.696
0.998	14.756								
11/16/2016 4:30:00 PM	585000.000	151.429	21.105	349.645	711.749	768.959	0.380	522.892	1404.989
0.998	14.756								
11/16/2016 4:45:00 PM	585900.000	151.427	21.098	349.639	711.626	768.936	0.380	522.877	1405.233
0.998	14.756								
11/16/2016 5:00:00 PM	586800.000	151.407	21.103	349.594	711.852	769.106	0.380	522.992	1404.786
0.998	14.754								
11/16/2016 5:15:00 PM	587700.000	151.413	21.110	349.607	712.056	769.215	0.380	523.066	1404.385
0.998	14.757								
11/16/2016 5:30:00 PM	588600.000	151.398	21.109	349.574	711.707	768.845	0.380	522.815	1405.073
0.998	14.761								
11/16/2016 5:45:00 PM	589500.000	151.399	21.109	349.575	710.667	767.716	0.379	522.047	1407.128
0.998	14.761								
11/16/2016 6:00:00 PM	590400.000	151.384	21.106	349.541	710.132	767.190	0.379	521.690	1408.189
0.998	14.769								
11/16/2016 6:15:00 PM	591300.000	151.389	21.111	349.552	710.237	767.227	0.379	521.714	1407.980
0.998	14.765								
11/16/2016 6:30:00 PM	592200.000	151.363	21.103	349.493	710.388	767.513	0.379	521.909	1407.682
0.998	14.767								
11/16/2016 6:45:00 PM	593100.000	151.366	21.098	349.499	711.965	769.295	0.380	523.120	1404.563
0.998	14.767								
11/16/2016 7:00:00 PM	594000.000	151.397	21.098	349.570	711.963	769.295	0.380	523.121	1404.567
0.998	14.768								
11/16/2016 7:15:00 PM	594900.000	151.396	21.105	349.568	713.001	770.310	0.381	523.811	1402.522
0.998	14.763								
11/16/2016 7:30:00 PM	595800.000	151.403	21.097	349.584	712.466	769.852	0.381	523.499	1403.577
0.998	14.771								
11/16/2016 7:45:00 PM	596700.000	151.402	21.096	349.582	713.032	770.481	0.381	523.927	1402.462
0.998	14.772								
11/16/2016 8:00:00 PM	597600.000	151.405	21.097	349.590	713.018	770.453	0.381	523.908	1402.489
0.998	14.772								
11/16/2016 8:15:00 PM	598500.000	151.408	21.103	349.596	713.309	770.676	0.381	524.060	1401.916
0.998	14.765								
11/16/2016 8:30:00 PM	599400.000	151.404	21.095	349.587	713.832	771.366	0.381	524.529	1400.890
0.998	14.773								
11/16/2016 8:45:00 PM	600300.000	151.426	21.091	349.638	713.362	770.921	0.381	524.227	1401.812
0.998	14.769								
11/16/2016 9:00:00 PM	601200.000	151.414	21.099	349.611	712.985	770.386	0.381	523.862	1402.554
0.998	14.773								
11/16/2016 9:15:00 PM	602100.000	151.433	21.107	349.654	714.101	771.459	0.381	524.592	1400.362
0.998	14.774								
11/16/2016 9:30:00 PM	603000.000	151.421	21.108	349.627	713.315	770.606	0.381	524.012	1401.905
0.998	14.776								
11/16/2016 9:45:00 PM	603900.000	151.439	21.108	349.668	712.634	769.864	0.381	523.507	1403.244
0.998	14.773								
11/16/2016 10:00:00 PM	604800.000	151.431	21.111	349.650	711.727	768.834	0.380	522.807	1405.032
0.998	14.778								
11/16/2016 10:15:00 PM	605700.000	151.438	21.103	349.666	710.959	768.126	0.380	522.326	1406.550
0.998	14.778								
11/16/2016 10:30:00 PM	606600.000	151.447	21.093	349.686	711.228	768.586	0.380	522.638	1406.018
0.998	14.775								
11/16/2016 10:45:00 PM	607500.000	151.457	21.094	349.710	711.855	769.243	0.380	523.086	

1404.781	0.998	14.774						
11/16/2016 11:00:00 PM	608400.000	151.455	21.106	349.705	712.156	769.377	0.380	523.177
1404.187	0.998	14.772						
11/16/2016 11:15:00 PM	609300.000	151.461	21.113	349.718	712.371	769.507	0.380	523.264
1403.763	0.998	14.773						
11/16/2016 11:30:00 PM	610200.000	151.479	21.110	349.761	712.247	769.410	0.380	523.199
1404.008	0.998	14.773						
11/16/2016 11:45:00 PM	611100.000	151.490	21.112	349.786	711.908	769.008	0.380	522.926
1404.675	0.998	14.774						

Report Date: 11/18/2016 8:37:55 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_2016-11-17_15-22-53-096.wsl
Create Date: 11/17/2016 3:22:49 PM

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

Log Configuration
Log Name: MPWSP MW-9M
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/17/2015 1:20:50 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Disabled
Scheduled Start Time: 7/17/2015 8:30:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

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

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

TDS Factor: 0.68

Log Notes:

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

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

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

Log Data:
Record Count: 742
Sensors: 1
1 - 410760: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft
Elapsed Time SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760 SN#: 410760 SN#: 410760
SN#: 410760
Date and Time Seconds Pressure (PSI) Temperature (C)
Depth (ft) Actual Conductivity (µS/cm) Specific Conductivity (µS/cm)
Total Dissolved Solids (ppm) Salinity (PSU) Resistivity (ohm-cm)
Water Density (g/cm3)
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11/10/2016 12:00:00 AM 7200.000 69.647
16.805 156.887 37857.719
44883.000 30520.441 29.170
26.415 1.021
11/10/2016 12:15:00 AM 8100.000 69.630
16.803 156.849 37765.523
44776.184 30447.805 29.093
26.479 1.021
11/10/2016 12:30:00 AM 9000.000 69.620
16.812 156.827 37776.805
44780.117 30450.480 29.097
26.471 1.021
11/10/2016 12:45:00 AM 9900.000 69.620
16.805 156.827 37821.711
44840.313 30491.414 29.140
26.440 1.021
11/10/2016 1:00:00 AM 10800.000 69.634
16.812 156.857 37832.734
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26.432 1.021
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16.808 156.807 37767.773
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16.809 156.799 37827.324
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11/10/2016 2:30:00 AM 16200.000 69.599
16.803 156.778 37830.906
44853.168 30500.156 29.149
26.433 1.021
11/10/2016 2:45:00 AM 17100.000 69.603
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26.440 1.021
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26.481 1.021
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16.805 156.823 37778.082

44788.926	30456.473	29.102	26.470	1.021
11/10/2016 3:30:00 AM	19800.000	69.602	16.810	156.784
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26.475	1.021	11/10/2016 4:00:00 AM	21600.000	69.603
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26.438	1.021	11/10/2016 5:15:00 AM	26100.000	69.615
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11/10/2016 7:15:00 AM 33300.000 69.655
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11/10/2016 7:30:00 AM 34200.000 69.643
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26.434 1.021
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26.460 1.021
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26.461 1.021
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16.806 156.943 37793.504
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26.460 1.021

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11/10/2016 11:00:00 AM	46800.000	69.670	16.804	156.938	37814.789
44832.633	30486.193	29.134	26.445	1.021	
11/10/2016 11:15:00 AM	47700.000	69.686	16.800	156.975	37791.371
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30467.002	29.114	26.459	1.021	11/10/2016 6:45:00 PM
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37824.172	44840.633	30491.633	29.140	26.438
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29.089	26.479	1.021	11/10/2016 7:45:00 PM	78300.000
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26.481	1.021	11/10/2016 8:45:00 PM	81900.000	69.652
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44852.164 30499.473 29.148
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26.447 1.021
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44775.754 30447.516 29.093
26.480 1.021

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37808.168	44834.938	30487.758	29.135	26.449
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1.021				
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37742.305	44758.332	30435.668	29.080	26.495
1.021				
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37763.875	44777.605	30448.771	29.094	26.480
1.021				
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37768.332	44778.438	30449.340	29.095	26.477
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37804.246	44821.285	30478.475	29.126	26.452
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37779.770	44791.199	30458.018	29.104	26.469
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37777.434	44786.828	30455.043	29.101	26.471
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37799.402	44817.145	30475.660	29.123	26.455
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37788.129	44794.605	30460.332	29.107	26.463
1.021				
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37781.254	44784.152	30453.227	29.100	26.468
1.021				
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37782.465	44795.191	30460.732	29.107	26.467
1.021				
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37791.133	44800.840	30464.572	29.111	26.461
1.021				
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44781.008	30451.088	29.097
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26.441	1.021	
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16.806	156.835	37783.859
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26.466	1.021	
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16.811	156.810	37794.180
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26.459	1.021	
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16.813	156.815	37798.871
44804.852	30467.301	29.114
26.456	1.021	
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16.805	156.827	37827.422
44847.082	30496.018	29.144
26.436	1.021	
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44779.922	30450.350	29.097
26.469	1.021	
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16.805	156.830	37798.332
44812.672	30472.617	29.120
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16.805	156.886	37814.254
44831.547	30485.455	29.133
26.445	1.021	
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37820.664	44837.992	30489.838	29.138	26.441
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156.921	37839.570	44860.043	30504.832	29.154
26.427	1.021	11/11/2016 8:30:00 AM	124200.000	69.667
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29.113	26.458	1.021	11/11/2016 8:45:00 AM	125100.000
69.667	16.813	156.931	37814.273	44823.023
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126000.000	69.671	16.817	156.941	37824.785
44832.277	30485.951	29.134	26.438	1.021
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37771.438	44781.684	30451.545	29.097	26.475
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156.920	37749.262	44756.094	30434.146	29.079
26.491	1.021	11/11/2016 9:45:00 AM	128700.000	69.669
16.809	156.936	37795.906	44805.973	30468.063
29.115	26.458	1.021	11/11/2016 10:00:00 AM	129600.000
69.672	16.804	156.943	37807.594	44824.625
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130500.000	69.673	16.816	156.945	37797.109
44799.922	30463.949	29.111	26.457	1.021
11/11/2016 10:30:00 AM	131400.000	69.687	16.814	156.976
37809.434	44816.582	30475.277	29.123	26.448
1.021	11/11/2016 10:45:00 AM	132300.000	69.675	16.807
156.950	37763.828	44770.164	30443.713	29.089
26.480	1.021	11/11/2016 11:00:00 AM	133200.000	69.667
16.813	156.932	37821.953	44832.828	30486.326
29.135	26.440	1.021	11/11/2016 11:15:00 AM	134100.000
69.672	16.813	156.944	37845.898	44860.594
30505.205	29.155

26.423	1.021		
11/11/2016 11:30:00 AM	135000.000	69.670	
16.806	156.939	37757.691	
44763.066	30438.887	29.084	
26.485	1.021		
11/11/2016 11:45:00 AM	135900.000	69.687	
16.811	156.976	37834.336	
44849.559	30497.699	29.147	
26.431	1.021		
11/11/2016 12:00:00 PM	136800.000	69.684	
16.802	156.970	37760.914	
44770.809	30444.150	29.089	
26.482	1.021		
11/11/2016 12:15:00 PM	137700.000	69.683	
16.803	156.968	37808.883	
44826.965	30482.338	29.130	
26.449	1.021		
11/11/2016 12:30:00 PM	138600.000	69.666	
16.803	156.928	37820.234	
44840.953	30491.850	29.140	
26.441	1.021		
11/11/2016 12:45:00 PM	139500.000	69.662	
16.808	156.920	37803.273	
44815.324	30474.420	29.122	
26.453	1.021		
11/11/2016 1:00:00 PM	140400.000	69.658	
16.813	156.911	37805.320	
44812.859	30472.746	29.120	
26.451	1.021		
11/11/2016 1:15:00 PM	141300.000	69.671	
16.816	156.940	37777.609	
44776.531	30448.041	29.094	
26.471	1.021		
11/11/2016 1:30:00 PM	142200.000	69.655	
16.811	156.905	37790.402	
44797.039	30461.988	29.109	
26.462	1.021		
11/11/2016 1:45:00 PM	143100.000	69.649	
16.812	156.890	37750.051	
44748.316	30428.857	29.074	
26.490	1.021		
11/11/2016 2:00:00 PM	144000.000	69.648	
16.807	156.888	37811.359	
44826.336	30481.908	29.130	
26.447	1.021		
11/11/2016 2:15:00 PM	144900.000	69.659	
16.803	156.913	37796.660	
44812.391	30472.428	29.119	
26.457	1.021		
11/11/2016 2:30:00 PM	145800.000	69.640	
16.807	156.871	37773.238	
44780.793	30450.941	29.097	
26.474	1.021		
11/11/2016 2:45:00 PM	146700.000	69.652	
16.817	156.897	37819.434	
44825.129	30481.088	29.129	
26.441	1.021		

11/11/2016 3:00:00 PM	147600.000	69.645	16.809	156.883
37768.008	44772.273	30445.148	29.091	26.477
1.021				
11/11/2016 3:15:00 PM	148500.000	69.626	16.809	156.838
37817.117	44831.199	30485.217	29.133	26.443
1.021				
11/11/2016 3:30:00 PM	149400.000	69.638	16.804	156.867
37821.953	44841.387	30492.145	29.140	26.440
1.021				
11/11/2016 3:45:00 PM	150300.000	69.619	16.803	156.825
37809.945	44828.480	30483.367	29.131	26.448
1.021				
11/11/2016 4:00:00 PM	151200.000	69.619	16.805	156.823
37796.539	44810.191	30470.932	29.118	26.457
1.021				
11/11/2016 4:15:00 PM	152100.000	69.612	16.809	156.809
37816.152	44829.168	30483.836	29.132	26.444
1.021				
11/11/2016 4:30:00 PM	153000.000	69.614	16.814	156.813
37848.902	44862.992	30506.838	29.157	26.421
1.021				
11/11/2016 4:45:00 PM	153900.000	69.629	16.812	156.846
37793.395	44800.051	30464.037	29.111	26.460
1.021				
11/11/2016 5:00:00 PM	154800.000	69.614	16.805	156.813
37791.117	44804.043	30466.752	29.113	26.461
1.021				
11/11/2016 5:15:00 PM	155700.000	69.611	16.806	156.805
37776.250	44785.602	30454.211	29.100	26.472
1.021				
11/11/2016 5:30:00 PM	156600.000	69.612	16.811	156.808
37815.656	44827.066	30482.408	29.130	26.444
1.021				
11/11/2016 5:45:00 PM	157500.000	69.612	16.807	156.809
37833.949	44852.852	30499.941	29.149	26.431
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11/11/2016 6:00:00 PM	158400.000	69.612	16.807	156.809
37805.762	44819.250	30477.092	29.125	26.451
1.021				
11/11/2016 6:15:00 PM	159300.000	69.614	16.807	156.812
37786.547	44796.207	30461.424	29.108	26.464
1.021				
11/11/2016 6:30:00 PM	160200.000	69.612		

16.808	156.807	37769.414
44775.355	30447.242	29.093
26.476	1.021	
11/11/2016 6:45:00 PM	161100.000	69.613
16.805	156.810	37780.816
44792.082	30458.617	29.105
26.468	1.021	
11/11/2016 7:00:00 PM	162000.000	69.615
16.813	156.814	37765.219
44765.398	30440.471	29.086
26.479	1.021	
11/11/2016 7:15:00 PM	162900.000	69.617
16.811	156.820	37797.691
44805.680	30467.865	29.115
26.457	1.021	
11/11/2016 7:30:00 PM	163800.000	69.619
16.808	156.825	37776.168
44783.016	30452.451	29.098
26.472	1.021	
11/11/2016 7:45:00 PM	164700.000	69.635
16.809	156.861	37785.207
44793.473	30459.564	29.106
26.465	1.021	
11/11/2016 8:00:00 PM	165600.000	69.640
16.798	156.871	37766.934
44782.836	30452.330	29.098
26.478	1.021	
11/11/2016 8:15:00 PM	166500.000	69.629
16.810	156.845	37800.512
44810.270	30470.986	29.118
26.455	1.021	
11/11/2016 8:30:00 PM	167400.000	69.632
16.809	156.852	37762.453
44766.500	30441.221	29.086
26.481	1.021	
11/11/2016 8:45:00 PM	168300.000	69.652
16.810	156.898	37771.773
44776.203	30447.820	29.094
26.475	1.021	
11/11/2016 9:00:00 PM	169200.000	69.634
16.808	156.858	37794.613
44804.965	30467.379	29.114
26.459	1.021	
11/11/2016 9:15:00 PM	170100.000	69.653
16.807	156.901	37803.957
44817.211	30475.705	29.123
26.452	1.021	
11/11/2016 9:30:00 PM	171000.000	69.637
16.805	156.865	37837.340
44858.738	30503.943	29.153
26.429	1.021	
11/11/2016 9:45:00 PM	171900.000	69.658
16.810	156.912	37778.883
44784.367	30453.371	29.099
26.470	1.021	
11/11/2016 10:00:00 PM	172800.000	69.640
16.804	156.871	37808.184

44825.777	30481.531	29.129	
26.449	1.021		
11/11/2016 10:15:00 PM	173700.000	69.659	
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44805.699	30467.877	29.115	
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44754.195	30432.855	29.078	
26.488	1.021		
11/11/2016 10:45:00 PM	175500.000	69.659	
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44827.500	30482.703	29.131	
26.444	1.021		
11/11/2016 11:00:00 PM	176400.000	69.646	
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44825.543	30481.371	29.129	
26.445	1.021		
11/11/2016 11:15:00 PM	177300.000	69.660	
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44776.059	30447.721	29.093	
26.476	1.021		
11/11/2016 11:30:00 PM	178200.000	69.643	
16.814	156.877	37815.340	
44823.660	30480.092	29.128	
26.444	1.021		
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44829.430	30484.012	29.132	
26.441	1.021		
11/12/2016 12:00:00 AM	180000.000	69.639	
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44826.891	30482.287	29.130	
26.449	1.021		
11/12/2016 12:15:00 AM	180900.000	69.658	
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44763.582	30439.238	29.085	
26.479	1.021		
11/12/2016 12:30:00 AM	181800.000	69.652	
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44803.320	30466.260	29.113	
26.461	1.021		
11/12/2016 12:45:00 AM	182700.000	69.638	
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44821.199	30478.418	29.126	
26.447	1.021		
11/12/2016 1:00:00 AM	183600.000	69.634	
16.806	156.858	37784.102	
44795.098	30460.666	29.107	
26.466	1.021		
11/12/2016 1:15:00 AM	184500.000	69.647	
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44847.660	30496.412	29.145	
26.431	1.021		
11/12/2016 1:30:00 AM	185400.000	69.643	
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44794.063	30459.965	29.106	

26.466	1.021		
11/12/2016 1:45:00 AM	186300.000	69.645	
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44826.125	30481.768	29.129	
26.450	1.021		
11/12/2016 2:00:00 AM	187200.000	69.646	
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44808.980	30470.107	29.117	
26.457	1.021		
11/12/2016 2:15:00 AM	188100.000	69.625	
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44802.570	30465.750	29.112	
26.463	1.021		
11/12/2016 2:30:00 AM	189000.000	69.637	
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44778.203	30449.178	29.095	
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44855.098	30501.469	29.150	
26.429	1.021		
11/12/2016 3:00:00 AM	190800.000	69.619	
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44789.918	30457.146	29.103	
26.469	1.021		
11/12/2016 3:15:00 AM	191700.000	69.620	
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44764.781	30440.053	29.085	
26.483	1.021		
11/12/2016 3:30:00 AM	192600.000	69.616	
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44790.984	30457.871	29.104	
26.468	1.021		
11/12/2016 3:45:00 AM	193500.000	69.613	
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44798.574	30463.031	29.110	
26.454	1.021		
11/12/2016 4:00:00 AM	194400.000	69.611	
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44830.492	30484.736	29.133	
26.446	1.021		
11/12/2016 4:15:00 AM	195300.000	69.630	
16.800	156.849	37768.547	
44782.445	30452.064	29.098	
26.477	1.021		
11/12/2016 4:30:00 AM	196200.000	69.612	
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44800.969	30464.658	29.111	
26.464	1.021		
11/12/2016 4:45:00 AM	197100.000	69.628	
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44801.324	30464.900	29.111	
26.463	1.021		
11/12/2016 5:00:00 AM	198000.000	69.631	
16.803	156.851	37812.570	
44831.867	30485.672	29.133	
26.446	1.021		

11/12/2016 5:15:00 AM	198900.000	69.630	16.813	156.849	37819.688
44830.242	30484.566	29.133	26.441	1.021	
11/12/2016 5:30:00 AM	199800.000	69.616	16.805	156.818	37796.637
44810.840	30471.373	29.118	26.457	1.021	
11/12/2016 5:45:00 AM	200700.000	69.622	16.811	156.830	37783.004
44788.813	30456.395	29.103	26.467	1.021	
11/12/2016 6:00:00 AM	201600.000	69.624	16.810	156.835	37780.512
44786.738	30454.984	29.101	26.469	1.021	
11/12/2016 6:15:00 AM	202500.000	69.630	16.816	156.848	37812.953
44819.051	30476.957	29.125	26.446	1.021	
11/12/2016 6:30:00 AM	203400.000	69.644	16.811	156.879	37794.512
44802.082	30465.418	29.112	26.459	1.021	
11/12/2016 6:45:00 AM	204300.000	69.649	16.816	156.892	37793.980
44796.113	30461.359	29.108	26.459	1.021	
11/12/2016 7:00:00 AM	205200.000	69.639	16.815	156.869	37813.785
44820.664	30478.055	29.126	26.445	1.021	
11/12/2016 7:15:00 AM	206100.000	69.656	16.802	156.907	37744.121
44751.254	30430.855	29.075	26.494	1.021	
11/12/2016 7:30:00 AM	207000.000	69.645	16.810	156.882	37773.148
44777.305	30448.570	29.094	26.474	1.021	
11/12/2016 7:45:00 AM	207900.000	69.650	16.814	156.894	37795.012
44799.742	30463.826	29.111	26.459	1.021	
11/12/2016 8:00:00 AM	208800.000	69.677	16.808	156.954	37770.242
44776.434	30447.975	29.094	26.476	1.021	
11/12/2016 8:15:00 AM	209700.000	69.663	16.800	156.923	37779.449
44795.719	30461.092	29.107	26.469	1.021	
11/12/2016 8:30:00 AM	210600.000	69.662	16.807	156.922	37792.438
44803.555	30466.420	29.113	26.460	1.021	
11/12/2016 8:45:00 AM	211500.000	69.669			

16.806	156.937	37784.305
44794.973	30460.582	29.107
26.466	1.021	
11/12/2016 9:00:00 AM	212400.000	69.692
16.804	156.987	37772.234
44783.063	30452.484	29.098
26.474	1.021	
11/12/2016 9:15:00 AM	213300.000	69.678
16.803	156.958	37786.641
44800.770	30464.525	29.111
26.464	1.021	
11/12/2016 9:30:00 AM	214200.000	69.685
16.816	156.972	37853.453
44866.348	30509.119	29.159
26.418	1.021	
11/12/2016 9:45:00 AM	215100.000	69.706
16.811	157.020	37788.340
44795.137	30460.695	29.107
26.463	1.021	
11/12/2016 10:00:00 AM	216000.000	69.694
16.808	156.993	37821.988
44837.418	30489.447	29.138
26.440	1.021	
11/12/2016 10:15:00 AM	216900.000	69.696
16.800	156.998	37775.410
44790.133	30457.293	29.103
26.472	1.021	
11/12/2016 10:30:00 AM	217800.000	69.696
16.806	156.998	37784.000
44794.875	30460.518	29.107
26.466	1.021	
11/12/2016 10:45:00 AM	218700.000	69.716
16.802	157.043	37796.773
44813.852	30473.422	29.120
26.457	1.021	
11/12/2016 11:00:00 AM	219600.000	69.701
16.805	157.008	37810.598
44826.762	30482.201	29.130
26.448	1.021	
11/12/2016 11:15:00 AM	220500.000	69.706
16.804	157.020	37805.770
44822.820	30479.520	29.127
26.451	1.021	
11/12/2016 11:30:00 AM	221400.000	69.705
16.803	157.016	37766.219
44776.824	30448.242	29.094
26.479	1.021	
11/12/2016 11:45:00 AM	222300.000	69.724
16.803	157.059	37810.074
44828.555	30483.420	29.131
26.448	1.021	
11/12/2016 12:00:00 PM	223200.000	69.707
16.814	157.021	37796.117
44801.051	30464.717	29.112
26.458	1.021	
11/12/2016 12:15:00 PM	224100.000	69.719
16.803	157.050	37817.574

44837.527	30489.521	29.137	
26.443	1.021		
11/12/2016 12:30:00 PM	225000.000	69.703	
16.805	157.012	37816.434	
44833.777	30486.971	29.135	
26.444	1.021		
11/12/2016 12:45:00 PM	225900.000	69.699	
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44812.945	30472.805	29.120	
26.455	1.021		
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44825.832	30481.566	29.129	
26.447	1.021		
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26.442	1.021		
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11/12/2016 2:00:00 PM	230400.000	69.688	
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44805.461	30467.715	29.115	
26.457	1.021		
11/12/2016 2:15:00 PM	231300.000	69.681	
16.803	156.964	37802.105	
44819.555	30477.299	29.124	
26.454	1.021		
11/12/2016 2:30:00 PM	232200.000	69.691	
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44813.484	30473.172	29.120	
26.454	1.021		
11/12/2016 2:45:00 PM	233100.000	69.672	
16.804	156.942	37787.297	
44800.742	30464.508	29.111	
26.464	1.021		
11/12/2016 3:00:00 PM	234000.000	69.685	
16.801	156.971	37771.652	
44785.133	30453.893	29.100	
26.475	1.021		
11/12/2016 3:15:00 PM	234900.000	69.660	
16.804	156.917	37797.934	
44813.172	30472.957	29.120	
26.456	1.021		
11/12/2016 3:30:00 PM	235800.000	69.673	
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44802.602	30465.771	29.113	
26.455	1.021		
11/12/2016 3:45:00 PM	236700.000	69.670	
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44775.785	30447.537	29.093	

26.477	1.021		
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26.453	1.021		
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44836.801	30489.027	29.137	
26.440	1.021		
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44764.453	30439.828	29.085	
26.483	1.021		
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44818.852	30476.822	29.124	
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11/12/2016 5:00:00 PM	241200.000	69.631	
16.811	156.850	37830.766	
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26.434	1.021		
11/12/2016 5:15:00 PM	242100.000	69.628	
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44801.211	30464.826	29.111	
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11/12/2016 5:30:00 PM	243000.000	69.640	
16.804	156.871	37780.531	
44792.898	30459.174	29.105	
26.469	1.021		
11/12/2016 5:45:00 PM	243900.000	69.624	
16.805	156.835	37817.594	
44835.328	30488.025	29.136	
26.443	1.021		
11/12/2016 6:00:00 PM	244800.000	69.625	
16.805	156.837	37768.555	
44777.629	30448.787	29.094	
26.477	1.021		
11/12/2016 6:15:00 PM	245700.000	69.635	
16.810	156.859	37819.750	
44833.254	30486.613	29.135	
26.441	1.021		
11/12/2016 6:30:00 PM	246600.000	69.634	
16.811	156.857	37802.910	
44811.695	30471.955	29.119	
26.453	1.021		
11/12/2016 6:45:00 PM	247500.000	69.635	
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44786.207	30454.623	29.101	
26.467	1.021		
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16.810	156.874	37812.258	
44823.746	30480.150	29.128	
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16.808 156.830 37784.789
44793.148 30459.344 29.106
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16.808 156.878 37798.949
44810.367 30471.053 29.118
26.456 1.021
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16.809 156.846 37778.234
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16.817 156.886 37830.605
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26.461 1.021
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16.811 156.875 37825.301
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26.437 1.021
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16.807 156.878 37837.375
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26.429 1.021
11/12/2016 10:15:00 PM 260100.000 69.648
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16.803 156.890 37837.680
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26.429 1.021
11/12/2016 10:45:00 PM 261900.000 69.663
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44789.176	30456.643	29.103		
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44791.906	30458.498	29.105		
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44835.684	30488.268	29.137		
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11/13/2016 12:30:00 AM	268200.000	69.654		
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44794.676	30460.381	29.107		
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11/13/2016 12:45:00 AM	269100.000	69.659		
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16.801	156.904	37773.438		
44786.984	30455.152	29.101		
26.474	1.021			
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26.447	1.021			
11/13/2016 1:30:00 AM	271800.000	69.665		
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44868.762	30510.760	29.161		
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44800.898	30464.613	29.111		
26.460	1.021			
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16.809	156.880	37799.254		

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11/13/2016 2:45:00 AM	276300.000	69.640	16.817	156.871
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26.459	1.021	11/13/2016 3:15:00 AM	278100.000	69.640
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29.110	26.463	1.021	11/13/2016 3:30:00 AM	279000.000
69.638	16.807	156.867	37820.324	44836.512
30488.828	29.137	26.441	1.021	11/13/2016 3:45:00 AM
279900.000	69.636	16.808	156.861	37801.672
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11/13/2016 4:00:00 AM	280800.000	69.645	16.809	156.883
37824.418	44839.773	30491.049	29.139	26.438
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156.875	37799.020	44802.457	30465.674	29.113
26.456	1.021	11/13/2016 4:30:00 AM	282600.000	69.632
16.802	156.852	37767.250	44779.203	30449.861
29.095	26.478	1.021	11/13/2016 4:45:00 AM	283500.000
69.632	16.803	156.852	37769.586	44780.816
30450.957	29.097	26.476	1.021	11/13/2016 5:00:00 AM
284400.000	69.631	16.803	156.851	37819.734
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37804.711	44820.324	30477.822	29.125	26.452
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16.811 156.882 37812.441
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26.446 1.021
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16.817 156.884 37792.012
44793.254 30459.414 29.106
26.461 1.021
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26.435 1.021
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16.807 156.906 37802.531
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26.453 1.021
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44842.754 30493.074 29.142
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26.434 1.021

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37771.703	44784.398	30453.393	29.099	26.475
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37784.184	44795.988	30461.273	29.108	26.466
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44849.422	30497.607	29.146
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44833.730	30486.938	29.135
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16.803	157.010	37790.203
44805.074	30467.453	29.114
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1.021	11/13/2016 6:30:00 PM	333000.000	69.629	16.813
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26.451	1.021	11/13/2016 6:45:00 PM	333900.000	69.625
16.814	156.836	37798.609	44803.828	30466.604
29.114	26.456	1.021	11/13/2016 7:00:00 PM	334800.000
69.608	16.810	156.799	37806.176	44816.457
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335700.000	69.609	16.813	156.801	37789.320
44793.445	30459.545	29.106	26.463	1.021
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37790.195	44799.559	30463.701	29.110	26.462
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26.466	1.021	11/13/2016 8:00:00 PM	338400.000	69.606
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16.808	156.880	37822.871	
44838.727	30490.336	29.139	
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16.807	156.884	37781.406	
44790.645	30457.641	29.104	
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44842.191	30492.693	29.142	26.432	1.021	
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44797.785	30462.496	29.109	26.465	1.021	
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44854.793	30501.262	29.150	26.427	1.021	
11/14/2016 1:30:00 AM	358200.000	69.672	16.806	156.944	37760.035
44766.566	30441.268	29.086	26.483	1.021	
11/14/2016 1:45:00 AM	359100.000	69.652	16.803	156.898	37801.340
44818.465	30476.559	29.124	26.454	1.021	
11/14/2016 2:00:00 AM	360000.000	69.657	16.807	156.909	37797.180
44808.719	30469.930	29.117	26.457	1.021	
11/14/2016 2:15:00 AM	360900.000	69.666	16.813	156.930	37825.367
44836.348	30488.719	29.137	26.437	1.021	
11/14/2016 2:30:00 AM	361800.000	69.665	16.811	156.926	37797.063
44805.375	30467.656	29.115	26.457	1.021	
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44820.406	30477.879	29.126	26.444	1.021	
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44792.863	30459.148	29.105	26.472	1.021	
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44843.695	30493.715	29.142
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16.810	156.922	37766.938
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16.809	156.879	37769.688
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44817.914	30476.184	29.124
26.451	1.021	
11/14/2016 5:00:00 AM	370800.000	69.659
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26.471	1.021	
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26.441	1.021	
11/14/2016 5:30:00 AM	372600.000	69.660
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26.449	1.021	
11/14/2016 6:00:00 AM	374400.000	69.651
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11/14/2016 6:15:00 AM	375300.000	69.649
16.810	156.890	37804.355
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26.452	1.021	
11/14/2016 6:30:00 AM	376200.000	69.653
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26.459	1.021	
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16.810	156.903	37817.410
44830.121	30484.484	29.133
26.443	1.021	
11/14/2016 7:00:00 AM	378000.000	69.655
16.807	156.904	37785.969

44795.785	30461.137	29.108	
26.465	1.021		
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11/14/2016 7:30:00 AM	379800.000	69.675	
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44846.336	30495.510	29.144	
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11/14/2016 8:45:00 AM	384300.000	69.702	
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44807.570 30469.150 29.115
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26.472 1.021

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44802.121	30465.445	29.112	26.463	1.021	
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44835.297	30488.002	29.136	26.447	1.021	
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44825.203	30481.141	29.129	26.451	1.021	
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44819.652	30477.365	29.125	26.453	1.021	
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44820.242	30477.768	29.125	26.452	1.021	
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44806.723	30468.574	29.115	26.459	1.021	
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44858.375	30503.697	29.152	26.432	1.021	
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44839.227	30490.676	29.139	26.443	1.021	
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44806.223	30468.232	29.116	26.453	1.021	
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44812.535	30472.525	29.120	26.453	1.021	
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44792.434	30458.857	29.105	26.465	1.021	
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44796.129	30461.369	29.108	26.464	1.021	
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11/14/2016 5:45:00 PM	416700.000	69.653			

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44824.766	30480.842	29.129
26.444	1.021	
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44841.801	30492.428	29.141
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69.659	16.816	156.913	37806.867	44811.836
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1.021	11/15/2016 12:15:00 AM	440100.000	69.652	16.809
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26.452	1.021	11/15/2016 12:30:00 AM	441000.000	69.659
16.800	156.914	37794.570	44813.020	30472.855
29.120	26.459	1.021	11/15/2016 12:45:00 AM	441900.000
69.662	16.809	156.922	37794.930	44804.898
30467.332	29.114

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44792.750	30459.072	29.105	
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26.453	1.021		
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37776.121	44780.652	30450.846	29.097	26.472
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37822.738	44840.352	30491.441	29.140	26.439
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37832.605	44841.367	30492.133	29.141	26.432
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37800.563	44814.063	30473.564	29.121	26.455
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37794.512	44801.648	30465.123	29.112	26.459
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37776.246	44785.785	30454.336	29.100	26.472
1.021				
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37824.160	44843.215	30493.387	29.142	26.438
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37802.852	44807.527	30469.119	29.117	26.453
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1.021				
11/15/2016 8:00:00 AM	468000.000	69.675		

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44828.875	30483.637	29.132	
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26.450	1.021		
11/15/2016 1:45:00 PM	488700.000	69.786	
16.804	157.199	37803.789	
44820.473	30477.922	29.125	
26.452	1.021		
11/15/2016 2:00:00 PM	489600.000	69.784	
16.805	157.196	37811.793	
44828.273	30483.229	29.131	
26.447	1.021		
11/15/2016 2:15:00 PM	490500.000	69.763	
16.804	157.147	37791.414	
44804.918	30467.344	29.114	
26.461	1.021		
11/15/2016 2:30:00 PM	491400.000	69.760	
16.810	157.141	37812.613	
44824.258	30480.498	29.128	
26.446	1.021		
11/15/2016 2:45:00 PM	492300.000	69.756	
16.807	157.132	37818.543	
44834.852	30487.701	29.136	
26.442	1.021		
11/15/2016 3:00:00 PM	493200.000	69.773	
16.800	157.171	37787.813	
44804.836	30467.291	29.114	

26.464	1.021			
11/15/2016 3:15:00 PM	494100.000	69.750		
16.803	157.119	37788.078		
44802.219	30465.512	29.112		
26.463	1.021			
11/15/2016 3:30:00 PM	495000.000	69.747		
16.804	157.112	37809.387		
44827.031	30482.381	29.130		
26.448	1.021			
11/15/2016 3:45:00 PM	495900.000	69.739		
16.801	157.094	37805.168		
44824.430	30480.615	29.128		
26.451	1.021			
11/15/2016 4:00:00 PM	496800.000	69.731		
16.809	157.077	37812.480		
44825.703	30481.480	29.129		
26.446	1.021			
11/15/2016 4:15:00 PM	497700.000	69.740		
16.809	157.097	37810.121		
44822.734	30479.459	29.127		
26.448	1.021			
11/15/2016 4:30:00 PM	498600.000	69.735		
16.810	157.085	37822.965		
44836.359	30488.727	29.137		
26.439	1.021			
11/15/2016 4:45:00 PM	499500.000	69.713		
16.801	157.035	37809.473		
44829.977	30484.387	29.132		
26.448	1.021			
11/15/2016 5:00:00 PM	500400.000	69.704		
16.808	157.015	37787.898		
44797.270	30462.146	29.109		
26.463	1.021			
11/15/2016 5:15:00 PM	501300.000	69.702		
16.806	157.010	37819.574		
44836.703	30488.961	29.137		
26.441	1.021			
11/15/2016 5:30:00 PM	502200.000	69.712		
16.809	157.032	37804.555		
44816.227	30475.037	29.122		
26.452	1.021			
11/15/2016 5:45:00 PM	503100.000	69.684		
16.798	156.969	37806.750		
44829.422	30484.008	29.131		
26.450	1.021			
11/15/2016 6:00:00 PM	504000.000	69.692		
16.812	156.988	37822.809		
44834.648	30487.563	29.136		
26.439	1.021			
11/15/2016 6:15:00 PM	504900.000	69.669		
16.807	156.936	37815.695		
44830.668	30484.857	29.133		
26.444	1.021			
11/15/2016 6:30:00 PM	505800.000	69.681		
16.805	156.962	37789.039		
44801.652	30465.125	29.112		
26.463	1.021			

11/15/2016 6:45:00 PM	506700.000	69.656	16.808	156.906
37815.352	44830.094	30484.467	29.132	26.444
1.021				
11/15/2016 7:00:00 PM	507600.000	69.646	16.807	156.884
37816.602	44831.922	30485.709	29.134	26.443
1.021				
11/15/2016 7:15:00 PM	508500.000	69.665	16.807	156.926
37834.551	44853.828	30500.605	29.149	26.431
1.021				
11/15/2016 7:30:00 PM	509400.000	69.657	16.804	156.910
37811.824	44829.379	30483.980	29.132	26.447
1.021				
11/15/2016 7:45:00 PM	510300.000	69.649	16.813	156.891
37816.363	44825.586	30481.400	29.129	26.444
1.021				
11/15/2016 8:00:00 PM	511200.000	69.645	16.810	156.882
37811.129	44822.949	30479.607	29.127	26.447
1.021				
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37786.895	44796.176	30461.400	29.108	26.464
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37816.926	44833.910	30487.061	29.135	26.443
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11/15/2016 8:45:00 PM	513900.000	69.623	16.802	156.833
37802.789	44820.457	30477.910	29.125	26.453
1.021				
11/15/2016 9:00:00 PM	514800.000	69.632	16.806	156.854
37806.781	44821.711	30478.766	29.126	26.450
1.021				
11/15/2016 9:15:00 PM	515700.000	69.621	16.805	156.829
37787.406	44799.539	30463.689	29.110	26.464
1.021				
11/15/2016 9:30:00 PM	516600.000	69.635	16.813	156.859
37809.473	44817.508	30475.908	29.124	26.448
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11/15/2016 9:45:00 PM	517500.000	69.635	16.810	156.859
37809.281	44820.309	30477.813	29.125	26.449
1.021				
11/15/2016 10:00:00 PM	518400.000	69.625	16.802	156.836
37794.199	44810.629	30471.230	29.118	26.459
1.021				
11/15/2016 10:15:00 PM	519300.000	69.620		

16.805	156.825	37820.848	
44838.914	30490.463	29.139	
26.440	1.021		
11/15/2016 10:30:00 PM	520200.000	69.625	
16.811	156.836	37823.809	
44837.078	30489.215	29.138	
26.438	1.021		
11/15/2016 10:45:00 PM	521100.000	69.641	
16.805	156.874	37823.191	
44842.320	30492.779	29.141	
26.439	1.021		
11/15/2016 11:00:00 PM	522000.000	69.642	
16.814	156.874	37813.922	
44822.156	30479.068	29.127	
26.445	1.021		
11/15/2016 11:15:00 PM	522900.000	69.645	
16.807	156.883	37794.375	
44805.395	30467.668	29.115	
26.459	1.021		
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16.814	156.854	37821.523	
44831.438	30485.379	29.134	
26.440	1.021		
11/15/2016 11:45:00 PM	524700.000	69.639	
16.806	156.869	37797.219	
44810.199	30470.938	29.118	
26.457	1.021		
11/16/2016 12:00:00 AM	525600.000	69.657	
16.809	156.910	37816.043	
44829.758	30484.238	29.132	
26.444	1.021		
11/16/2016 12:15:00 AM	526500.000	69.658	
16.809	156.912	37799.477	
44809.398	30470.393	29.118	
26.455	1.021		
11/16/2016 12:30:00 AM	527400.000	69.663	
16.811	156.922	37774.922	
44778.781	30449.574	29.096	
26.473	1.021		
11/16/2016 12:45:00 AM	528300.000	69.665	
16.810	156.928	37834.738	
44850.750	30498.510	29.147	
26.431	1.021		
11/16/2016 1:00:00 AM	529200.000	69.654	
16.807	156.902	37796.418	
44808.621	30469.863	29.117	
26.458	1.021		
11/16/2016 1:15:00 AM	530100.000	69.660	
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44804.293	30466.920	29.114	
26.462	1.021		
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44823.078	30479.695	29.127	
26.450	1.021		
11/16/2016 1:45:00 AM	531900.000	69.674	
16.806	156.948	37787.223	

44798.695	30463.113	29.110	26.464	1.021
11/16/2016 2:00:00 AM	532800.000	69.666	16.804	156.930
37820.688	44839.984	30491.189	29.139	26.441
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11/16/2016 2:15:00 AM	533700.000	69.668	16.800	156.933
37813.574	44835.730	30488.299	29.136	26.446
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11/16/2016 2:30:00 AM	534600.000	69.683	16.809	156.967
37805.168	44816.586	30475.281	29.123	26.451
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37809.148	44822.113	30479.039	29.127	26.449
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11/16/2016 3:00:00 AM	536400.000	69.672	16.807	156.943
37826.902	44844.582	30494.318	29.143	26.436
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11/16/2016 3:15:00 AM	537300.000	69.669	16.804	156.937
37790.285	44804.207	30466.863	29.113	26.462
1.021				
11/16/2016 3:30:00 AM	538200.000	69.674	16.811	156.947
37819.395	44831.766	30485.604	29.134	26.441
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11/16/2016 3:45:00 AM	539100.000	69.674	16.807	156.948
37818.664	44834.816	30487.676	29.136	26.442
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11/16/2016 4:00:00 AM	540000.000	69.678	16.808	156.957
37807.457	44820.734	30478.102	29.126	26.450
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37815.406	44838.605	30490.254	29.138	26.444
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11/16/2016 4:30:00 AM	541800.000	69.675	16.802	156.949
37782.125	44796.313	30461.494	29.108	26.468
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37814.723	44831.926	30485.711	29.134	26.445
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37799.711	44812.445	30472.463	29.120	26.455
1.021				
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26.464 1.021
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16.810 156.945 37823.629
44837.676 30489.621 29.138
26.438 1.021
11/16/2016 5:45:00 AM 546300.000 69.676
16.813 156.952 37832.648
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26.432 1.021
11/16/2016 6:00:00 AM 547200.000 69.673
16.810 156.946 37773.164
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11/16/2016 6:15:00 AM 548100.000 69.689
16.813 156.982 37815.938
44825.172 30481.119 29.129
26.444 1.021
11/16/2016 6:30:00 AM 549000.000 69.673
16.812 156.945 37807.438
44816.172 30475.000 29.123
26.450 1.021
11/16/2016 6:45:00 AM 549900.000 69.687
16.811 156.976 37824.199
44837.645 30489.600 29.138
26.438 1.021
11/16/2016 7:00:00 AM 550800.000 69.689
16.820 156.982 37811.742
44813.254 30473.016 29.121
26.447 1.021
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16.809 156.962 37807.277
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26.450 1.021
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16.812 156.990 37815.223
44825.301 30481.207 29.129
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16.812 156.953 37805.117
44813.246 30473.010 29.120
26.451 1.021
11/16/2016 8:00:00 AM 554400.000 69.695
16.812 156.996 37802.164
44810.094 30470.865 29.118
26.454 1.021
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16.814 156.966 37820.273
44829.777 30484.250 29.132
26.441 1.021
11/16/2016 8:30:00 AM 556200.000 69.687
16.815 156.977 37843.906
44856.719 30502.568 29.152
26.424 1.021
11/16/2016 8:45:00 AM 557100.000 69.689
16.811 156.981 37780.473
44785.625 30454.225 29.100
26.469 1.021

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37827.645	44847.348	30496.199	29.145	26.436
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37788.762	44803.555	30466.420	29.113	26.463
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11/16/2016 9:30:00 AM	559800.000	69.721	16.803	157.054
37787.504	44801.352	30464.922	29.111	26.464
1.021				
11/16/2016 9:45:00 AM	560700.000	69.724	16.816	157.061
37837.422	44848.145	30496.740	29.146	26.429
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11/16/2016 10:00:00 AM	561600.000	69.731	16.810	157.076
37795.500	44804.066	30466.766	29.114	26.458
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11/16/2016 10:15:00 AM	562500.000	69.719	16.806	157.050
37811.398	44827.355	30482.604	29.130	26.447
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11/16/2016 10:30:00 AM	563400.000	69.722	16.810	157.055
37794.824	44803.078	30466.096	29.113	26.459
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37790.453	44797.102	30462.031	29.109	26.462
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37832.820	44841.973	30492.543	29.141	26.432
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11/16/2016 11:15:00 AM	566100.000	69.741	16.810	157.098
37816.879	44829.410	30484.002	29.132	26.443
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11/16/2016 11:30:00 AM	567000.000	69.762	16.810	157.145
37810.332	44822.180	30479.084	29.127	26.448
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37795.059	44797.930	30462.594	29.110	26.458
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11/16/2016 12:00:00 PM	568800.000	69.771	16.808	157.167
37807.137	44819.727	30477.416	29.125	26.450
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37825.738	44842.129	30492.648	29.141	26.437
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11/16/2016 12:30:00 PM	570600.000	69.784		

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44815.543	30474.570	29.121
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16.806	157.199	37778.805
44788.715	30456.328	29.102
26.470	1.021	
11/16/2016 1:00:00 PM	572400.000	69.771
16.809	157.167	37831.141
44847.469	30496.281	29.145
26.433	1.021	
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16.814	157.204	37815.289
44823.871	30480.234	29.128
26.444	1.021	
11/16/2016 1:30:00 PM	574200.000	69.778
16.812	157.183	37810.367
44819.723	30477.414	29.125
26.448	1.021	
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16.801	157.191	37806.098
44826.238	30481.844	29.129
26.451	1.021	
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44795.164	30460.713	29.107
26.465	1.021	
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16.810	157.184	37780.867
44786.887	30455.086	29.101
26.468	1.021	
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16.814	157.210	37792.352
44796.234	30461.441	29.108
26.460	1.021	
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16.802	157.183	37832.875
44856.305	30502.289	29.151
26.432	1.021	
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16.806	157.209	37779.754
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26.469	1.021	
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16.801	157.205	37785.809
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26.465	1.021	
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16.803	157.159	37815.578
44834.637	30487.555	29.135
26.444	1.021	
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16.803	157.188	37819.645
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26.441	1.021	
11/16/2016 4:00:00 PM	583200.000	69.761
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44815.652	30474.646	29.121	26.462	1.021
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37796.277	44818.961	30476.896	29.124	26.458
1.021	11/16/2016 4:30:00 PM	585000.000	69.750	16.802
157.118	37776.684	44790.117	30457.281	29.103
26.471	1.021	11/16/2016 4:45:00 PM	585900.000	69.745
16.798	157.107	37810.516	44834.418	30487.406
29.135	26.448	1.021	11/16/2016 5:00:00 PM	586800.000
69.735	16.803	157.086	37743.648	44749.969
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44807.379	30469.020	29.116	26.461	1.021
11/16/2016 5:30:00 PM	588600.000	69.722	16.806	157.055
37811.234	44827.078	30482.416	29.130	26.447
1.021	11/16/2016 5:45:00 PM	589500.000	69.713	16.809
157.035	37804.297	44816.004	30474.885	29.122
26.452	1.021	11/16/2016 6:00:00 PM	590400.000	69.710
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29.122	26.457	1.021	11/16/2016 6:15:00 PM	591300.000
69.713	16.806	157.035	37810.070	44825.883
30481.604	29.129	26.448	1.021	11/16/2016 6:30:00 PM
592200.000	69.709	16.805	157.026	37806.578
44822.539	30479.328	29.127	26.450	1.021
11/16/2016 6:45:00 PM	593100.000	69.704	16.808	157.015
37814.645	44828.977	30483.707	29.132	26.445
1.021	11/16/2016 7:00:00 PM	594000.000	69.680	16.810
156.961	37837.398	44853.902	30500.656	29.150
26.429	1.021	11/16/2016 7:15:00 PM	594900.000	69.687
16.807	156.976	37830.254	44848.387	30496.904
29.146	26.434	1.021	11/16/2016 7:30:00 PM	595800.000
69.666	16.804	156.928	37793.918	44808.246
30469.607	29.116

26.459	1.021		
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16.807	156.949	37777.000	
44785.523	30454.156	29.100	
26.471	1.021		
11/16/2016 8:00:00 PM	597600.000	69.670	
16.805	156.939	37817.777	
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26.443	1.021		
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44860.848	30505.379	29.155	
26.424	1.021		
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44813.082	30472.898	29.120	
26.452	1.021		
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16.809	156.894	37835.652	
44853.090	30500.104	29.149	
26.430	1.021		
11/16/2016 9:00:00 PM	601200.000	69.637	
16.806	156.864	37783.828	
44794.324	30460.143	29.106	
26.466	1.021		
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16.803	156.849	37774.285	
44786.391	30454.748	29.101	
26.473	1.021		
11/16/2016 9:30:00 PM	603000.000	69.646	
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44831.086	30485.141	29.133	
26.441	1.021		
11/16/2016 9:45:00 PM	603900.000	69.633	
16.812	156.856	37793.563	
44799.547	30463.693	29.111	
26.460	1.021		
11/16/2016 10:00:00 PM	604800.000	69.628	
16.808	156.844	37803.734	
44815.609	30474.617	29.122	
26.452	1.021		
11/16/2016 10:15:00 PM	605700.000	69.642	
16.812	156.876	37817.371	
44828.117	30483.119	29.131	
26.443	1.021		
11/16/2016 10:30:00 PM	606600.000	69.630	
16.813	156.848	37795.738	
44800.965	30464.656	29.112	
26.458	1.021		
11/16/2016 10:45:00 PM	607500.000	69.626	
16.806	156.839	37800.609	
44813.945	30473.484	29.121	
26.455	1.021		
11/16/2016 11:00:00 PM	608400.000	69.646	
16.803	156.884	37808.395	
44826.918	30482.305	29.130	
26.449	1.021		

11/16/2016 11:15:00 PM	609300.000	69.647	16.812	156.886	37843.309
44858.516	30503.791	29.153	26.425	1.021	
11/16/2016 11:30:00 PM	610200.000	69.631	16.822	156.851	37813.184
44813.363	30473.090	29.121	26.446	1.021	
11/16/2016 11:45:00 PM	611100.000	69.633	16.811	156.855	37783.582
44788.691	30456.313	29.103	26.467	1.021	

Report Date: 11/18/2016 8:38:01 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_2016-11-17_15-25-11-123-BaroMerge.wsl
Create Date: 11/18/2016 8:35:16 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/17/2016 12:56:59 PM	Used Battery: 9% Used Memory: 7% User Name: SKuiper
8/18/2016 3:22:43 PM	Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM
8/25/2016 11:48:32 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM
9/1/2016 3:53:04 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: skuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM
9/8/2016 6:09:52 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM
9/15/2016 2:41:57 PM	Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:30:00 PM
9/22/2016 12:10:44 PM	Log Download - Used Battery: 11% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:00:00 PM
10/1/2016 10:48:16 AM	Log Download - Used Battery: 11% Used Memory: 12% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:48:35 PM	Log Download - Used Battery: 11% Used Memory: 12% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 4:12:06 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:33:55 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 5:01:53 PM	Log Download - Used Battery: 12% Used Memory: 15% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:11:56 PM	Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 8:07:25 AM	Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:00:00 AM
11/17/2016 3:24:12 PM	Log Download - Used Battery: 14% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/18/2016 8:35:16 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-11-17_16-24-57-405.wsl""

Log Data:
Record Count: 742
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: PCTD(A) 197.3ft SN#: 427634 Pressure (PSI)	Sensor: PCTD(A) 197.3ft SN#: 427634 Temperature (C)	Sensor: PCTD(A) 197.3ft SN#: 427634 Depth (ft)	Sensor: PCTD(A) 197.3ft SN#: 427634 Actual Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 427634 Specific Conductivity (µS/cm)	Sensor: PCTD(A) 197.3ft SN#: 427634 Salinity (PSU)	Sensor: PCTD(A) 197.3ft SN#: 427634 Total Dissolved Solids (ppt)	Sensor: PCTD(A) 197.3ft SN#: 427634 Resistivity (ohm-cm)	Sensor: PCTD(A) 197.3ft SN#: 427634 Water Density (g/cm3)	Sensor: Baro-Adj Calc SN#: 000000 Barometric Pressure (PSI)	Corrected Pressure (PSI)	Corrected Temperature (C)
11/10/2016 12:00:00 AM	7200.000	25.865	16.905	58.955	4209.261	4979.083	2.696	3.386	237.571	1.001	14.743		
11/10/2016 12:15:00 AM	8100.000	25.863	16.906	58.950	4209.237	4979.006	2.696	3.386	237.573	1.001	14.744		
11/10/2016 12:30:00 AM	9000.000	25.859	16.905	58.940	4209.666	4979.533	2.697	3.386	237.549	1.001	14.746		
11/10/2016 12:45:00 AM	9900.000	25.859	16.906	58.941	4209.338	4979.105	2.697	3.386	237.567	1.001	14.746		
11/10/2016 1:00:00 AM	10800.000	25.857	16.905	58.936	4208.533	4978.202	2.696	3.385	237.613	1.001	14.745		
11/10/2016 1:15:00 AM	11700.000	25.863	16.905	58.950	4208.638	4978.336	2.696	3.385	237.607	1.001	14.741		
11/10/2016 1:30:00 AM	12600.000	25.864	16.906	58.953	4208.916	4978.616	2.696	3.385	237.591	1.001	14.741		
11/10/2016 1:45:00 AM	13500.000	25.874	16.906	58.975	4209.112	4978.848	2.696	3.386	237.580	1.001	14.736		
11/10/2016 2:00:00 AM	14400.000	25.863	16.905	58.951	4209.421	4979.253	2.697	3.386	237.562	1.001	14.740		
11/10/2016 2:15:00 AM	15300.000	25.863	16.905	58.949	4208.980	4978.780	2.696	3.386	237.587	1.001	14.739		
11/10/2016 2:30:00 AM	16200.000	25.868	16.905	58.962	4209.847	4979.757	2.697	3.386	237.538	1.001	14.737		
11/10/2016 2:45:00 AM	17100.000	25.866	16.905	58.956	4209.673	4979.542	2.697	3.386	237.548	1.001	14.739		
11/10/2016 3:00:00 AM	18000.000	25.865	16.905	58.955	4209.571	4979.440	2.697	3.386	237.554	1.001	14.739		
11/10/2016 3:15:00 AM	18900.000	25.863	16.906	58.950	4209.763	4979.627	2.697	3.386	237.543	1.001	14.741		
11/10/2016 3:30:00 AM	19800.000	25.867	16.905	58.959	4209.550	4979.474	2.697	3.386	237.555	1.001	14.737		
11/10/2016 3:45:00 AM	20700.000	25.858	16.906	58.938	4209.315	4979.108	2.697	3.386	237.568	1.001	14.738		
11/10/2016 4:00:00 AM	21600.000	25.860	16.905	58.942	4209.632	4979.563	2.697	3.386	237.550	1.001	14.742		
11/10/2016 4:15:00 AM	22500.000	25.871	16.906	58.968	4209.603	4979.429	2.697	3.386	237.552	1.001	14.735		

11/10/2016 4:30:00 AM	23400.000	25.869	16.906	58.962	4209.842	4979.712	2.697	3.386	237.539
11/10/2016 4:45:00 AM	24300.000	25.873	16.906	58.973	4209.220	4978.956	2.696	3.386	237.574
11/10/2016 5:00:00 AM	25200.000	25.862	16.906	58.947	4209.126	4978.875	2.696	3.386	237.579
11/10/2016 5:15:00 AM	26100.000	25.867	16.906	58.959	4209.504	4979.332	2.697	3.386	237.558
11/10/2016 5:30:00 AM	27000.000	25.874	16.906	58.976	4209.189	4978.910	2.696	3.386	237.575
11/10/2016 5:45:00 AM	27900.000	25.863	16.905	58.950	4208.848	4978.604	2.696	3.385	237.595
11/10/2016 6:00:00 AM	28800.000	25.869	16.906	58.963	4208.874	4978.586	2.696	3.385	237.593
11/10/2016 6:15:00 AM	29700.000	25.852	16.906	58.924	4208.688	4978.357	2.696	3.385	237.604
11/10/2016 6:30:00 AM	30600.000	25.866	16.905	58.957	4209.160	4978.934	2.696	3.386	237.577
11/10/2016 6:45:00 AM	31500.000	25.864	16.906	58.952	4207.822	4977.254	2.695	3.385	237.653
11/10/2016 7:00:00 AM	32400.000	25.863	16.906	58.950	4207.378	4976.787	2.695	3.384	237.678
11/10/2016 7:15:00 AM	33300.000	25.862	16.905	58.947	4207.365	4976.811	2.695	3.384	237.678
11/10/2016 7:30:00 AM	34200.000	25.864	16.905	58.953	4207.558	4977.040	2.695	3.384	237.668
11/10/2016 7:45:00 AM	35100.000	25.859	16.906	58.940	4207.293	4976.686	2.695	3.384	237.683
11/10/2016 8:00:00 AM	36000.000	25.855	16.906	58.931	4207.796	4977.252	2.695	3.385	237.654
11/10/2016 8:15:00 AM	36900.000	25.872	16.905	58.971	4207.223	4976.643	2.695	3.384	237.686
11/10/2016 8:30:00 AM	37800.000	25.860	16.906	58.942	4207.054	4976.384	2.695	3.384	237.696
11/10/2016 8:45:00 AM	38700.000	25.866	16.906	58.957	4207.016	4976.369	2.695	3.384	237.698
11/10/2016 9:00:00 AM	39600.000	25.860	16.905	58.942	4207.402	4976.854	2.695	3.384	237.676
11/10/2016 9:15:00 AM	40500.000	25.858	16.905	58.938	4207.437	4976.896	2.695	3.384	237.674
11/10/2016 9:30:00 AM	41400.000	25.869	16.905	58.963	4208.015	4977.609	2.696	3.385	237.642
11/10/2016 9:45:00 AM	42300.000	25.868	16.906	58.961	4207.475	4976.912	2.695	3.384	237.672
11/10/2016 10:00:00 AM	43200.000	25.868	16.906	58.961	4207.625	4977.050	2.695	3.384	237.664
11/10/2016 10:15:00 AM	44100.000	25.865	16.906	58.954	4208.544	4978.197	2.696	3.385	237.612
11/10/2016 10:30:00 AM	45000.000	25.863	16.906	58.949	4207.733	4977.227	2.695	3.385	237.658
11/10/2016 10:45:00 AM	45900.000	25.871	16.906	58.969	4208.336	4977.950	2.696	3.385	237.624
11/10/2016 11:00:00 AM	46800.000	25.869	16.906	58.963	4208.867	4978.567	2.696	3.385	237.594
11/10/2016 11:15:00 AM	47700.000	25.863	16.905	58.949	4208.624	4978.379	2.696	3.385	237.607
11/10/2016 11:30:00 AM	48600.000	25.871	16.905	58.968	4209.145	4978.965	2.696	3.386	237.578
11/10/2016 11:45:00 AM	49500.000	25.868	16.906	58.961	4209.859	4979.722	2.697	3.386	237.538
11/10/2016 12:00:00 PM	50400.000	25.871	16.905	58.967	4208.827	4978.629	2.696	3.385	237.596
11/10/2016 12:15:00 PM	51300.000	25.863	16.906	58.950	4209.397	4979.195	2.697	3.386	237.564
11/10/2016 12:30:00 PM	52200.000	25.860	16.906	58.944	4209.542	4979.366	2.697	3.386	237.556
11/10/2016 12:45:00 PM	53100.000	25.865	16.905	58.955	4210.004	4979.982	2.697	3.386	237.529
11/10/2016 1:00:00 PM	54000.000	25.874	16.905	58.974	4210.660	4980.748	2.697	3.387	237.492
11/10/2016 1:15:00 PM	54900.000	25.869	16.906	58.964	4210.374	4980.340	2.697	3.387	237.509
11/10/2016 1:30:00 PM	55800.000	25.867	16.906	58.960	4210.321	4980.298	2.697	3.387	237.512
11/10/2016 1:45:00 PM	56700.000	25.868	16.905	58.962	4209.785	4979.722	2.697	3.386	237.542
11/10/2016 2:00:00 PM	57600.000	25.864	16.906	58.952	4210.188	4980.131	2.697	3.386	237.519
11/10/2016 2:15:00 PM	58500.000	25.864	16.905	58.952	4210.619	4980.700	2.697	3.387	237.495
11/10/2016 2:30:00 PM	59400.000	25.861	16.906	58.946	4209.708	4979.574	2.697	3.386	237.546
11/10/2016 2:45:00 PM	60300.000	25.871	16.906	58.968	4210.054	4979.982	2.697	3.386	237.527
11/10/2016 3:00:00 PM	61200.000	25.859	16.905	58.941	4209.625	4979.495	2.697	3.386	237.551
11/10/2016 3:15:00 PM	62100.000	25.866	16.905	58.956	4209.771	4979.656	2.697	3.386	237.543
11/10/2016 3:30:00 PM	63000.000	25.861	16.906	58.945	4210.007	4979.916	2.697	3.386	237.529
11/10/2016 3:45:00 PM	63900.000	25.862	16.906	58.946	4209.582	4979.413	2.697	3.386	237.553
11/10/2016 4:00:00 PM	64800.000	25.861	16.906	58.945	4209.163	4978.878	2.696	3.386	237.577
11/10/2016 4:15:00 PM	65700.000	25.860	16.905	58.943	4208.791	4978.527	2.696	3.385	237.598
11/10/2016 4:30:00 PM	66600.000	25.859	16.905	58.941	4208.530	4978.208	2.696	3.385	237.613
11/10/2016 4:45:00 PM	67500.000	25.859	16.906	58.941	4209.049	4978.706	2.696	3.386	237.583
11/10/2016 5:00:00 PM	68400.000	25.870	16.906	58.966	4208.570	4978.147	2.696	3.385	237.610
11/10/2016 5:15:00 PM	69300.000	25.857	16.906	58.937	4208.544	4978.167	2.696	3.385	237.612
11/10/2016 5:30:00 PM	70200.000	25.861	16.906	58.945	4207.734	4977.218	2.695	3.385	237.658
11/10/2016 5:45:00 PM	71100.000	25.866	16.906	58.957	4208.081	4977.638	2.696	3.385	237.638
11/10/2016 6:00:00 PM	72000.000	25.860	16.905	58.943	4207.382	4976.842	2.695	3.384	237.677
11/10/2016 6:15:00 PM	72900.000	25.861	16.907	58.946	4207.318	4976.618	2.695	3.384	237.681
11/10/2016 6:30:00 PM	73800.000	25.859	16.906	58.941	4207.189	4976.494	2.695	3.384	237.688
11/10/2016 6:45:00 PM	74700.000	25.868	16.906	58.960	4207.616	4976.999	2.695	3.384	237.664
11/10/2016 7:00:00 PM	75600.000	25.861	16.906	58.945	4207.059	4976.339	2.695	3.384	237.696
11/10/2016 7:15:00 PM	76500.000	25.857	16.906	58.936	4207.479	4976.906	2.695	3.384	237.672
11/10/2016 7:30:00 PM	77400.000	25.864	16.906	58.952	4206.938	4976.247	2.695	3.384	237.703
11/10/2016 7:45:00 PM	78300.000	25.867	16.907	58.958	4207.228	4976.492	2.695	3.384	237.686
11/10/2016 8:00:00 PM	79200.000	25.855	16.906	58.932	4207.833	4977.306	2.695	3.385	237.652
11/10/2016 8:15:00 PM	80100.000	25.868	16.906	58.962	4207.610	4977.081	2.695	3.384	237.665
11/10/2016 8:30:00 PM	81000.000	25.862	16.906	58.948	4207.253	4976.650	2.695	3.384	237.685
11/10/2016 8:45:00 PM	81900.000	25.859	16.906	58.941	4207.535	4976.895	2.695	3.384	237.669
11/10/2016 9:00:00 PM	82800.000	25.866	16.906	58.957	4207.358	4976.753	2.695	3.384	

237.679	1.001	14.744						
11/10/2016 9:15:00 PM	83700.000	25.860	16.906	58.943	4207.771	4977.232	2.695	3.385
237.655	1.001	14.751						
11/10/2016 9:30:00 PM	84600.000	25.860	16.906	58.942	4207.334	4976.754	2.695	3.384
237.680	1.001	14.754						
11/10/2016 9:45:00 PM	85500.000	25.862	16.906	58.947	4207.230	4976.642	2.695	3.384
237.686	1.001	14.748						
11/10/2016 10:00:00 PM	86400.000	25.862	16.906	58.948	4206.559	4975.817	2.695	3.384
237.724	1.001	14.752						
11/10/2016 10:15:00 PM	87300.000	25.863	16.906	58.951	4206.547	4975.726	2.695	3.383
237.725	1.001	14.752						
11/10/2016 10:30:00 PM	88200.000	25.863	16.906	58.951	4207.182	4976.517	2.695	3.384
237.689	1.001	14.749						
11/10/2016 10:45:00 PM	89100.000	25.857	16.906	58.936	4206.911	4976.234	2.695	3.384
237.704	1.001	14.754						
11/10/2016 11:00:00 PM	90000.000	25.861	16.906	58.946	4206.721	4975.990	2.695	3.384
237.715	1.001	14.754						
11/10/2016 11:15:00 PM	90900.000	25.863	16.907	58.950	4206.547	4975.706	2.695	3.383
237.725	1.001	14.751						
11/10/2016 11:30:00 PM	91800.000	25.857	16.906	58.936	4206.812	4976.117	2.695	3.384
237.710	1.001	14.758						
11/10/2016 11:45:00 PM	92700.000	25.858	16.906	58.939	4206.868	4976.164	2.695	3.384
237.707	1.001	14.757						
11/11/2016 12:00:00 AM	93600.000	25.862	16.907	58.948	4206.949	4976.162	2.695	3.384
237.702	1.001	14.756						
11/11/2016 12:15:00 AM	94500.000	25.861	16.906	58.944	4207.238	4976.563	2.695	3.384
237.686	1.001	14.759						
11/11/2016 12:30:00 AM	95400.000	25.849	16.906	58.919	4206.938	4976.197	2.695	3.384
237.703	1.001	14.762						
11/11/2016 12:45:00 AM	96300.000	25.864	16.906	58.952	4206.986	4976.294	2.695	3.384
237.700	1.001	14.755						
11/11/2016 1:00:00 AM	97200.000	25.861	16.906	58.946	4206.995	4976.313	2.695	3.384
237.699	1.001	14.759						
11/11/2016 1:15:00 AM	98100.000	25.860	16.906	58.942	4206.472	4975.705	2.695	3.383
237.729	1.001	14.759						
11/11/2016 1:30:00 AM	99000.000	25.864	16.906	58.951	4206.810	4976.037	2.695	3.384
237.710	1.001	14.757						
11/11/2016 1:45:00 AM	99900.000	25.869	16.907	58.964	4206.282	4975.393	2.694	3.383
237.740	1.001	14.752						
11/11/2016 2:00:00 AM	100800.000	25.858	16.906	58.939	4206.512	4975.704	2.695	3.383
237.727	1.001	14.758						
11/11/2016 2:15:00 AM	101700.000	25.866	16.906	58.957	4206.883	4976.162	2.695	3.384
237.706	1.001	14.751						
11/11/2016 2:30:00 AM	102600.000	25.864	16.906	58.951	4206.040	4975.146	2.694	3.383
237.753	1.001	14.752						
11/11/2016 2:45:00 AM	103500.000	25.860	16.906	58.942	4206.966	4976.222	2.695	3.384
237.701	1.001	14.753						
11/11/2016 3:00:00 AM	104400.000	25.863	16.906	58.949	4206.968	4976.322	2.695	3.384
237.701	1.001	14.752						
11/11/2016 3:15:00 AM	105300.000	25.865	16.906	58.955	4206.961	4976.285	2.695	3.384
237.701	1.001	14.745						
11/11/2016 3:30:00 AM	106200.000	25.859	16.907	58.941	4207.401	4976.706	2.695	3.384
237.676	1.001	14.754						
11/11/2016 3:45:00 AM	107100.000	25.864	16.907	58.952	4207.608	4976.961	2.695	3.384
237.665	1.001	14.744						
11/11/2016 4:00:00 AM	108000.000	25.866	16.906	58.956	4207.993	4977.504	2.696	3.385
237.643	1.001	14.743						
11/11/2016 4:15:00 AM	108900.000	25.865	16.906	58.955	4207.343	4976.746	2.695	3.384
237.680	1.001	14.744						
11/11/2016 4:30:00 AM	109800.000	25.864	16.906	58.953	4208.577	4978.166	2.696	3.385
237.610	1.001	14.743						
11/11/2016 4:45:00 AM	110700.000	25.864	16.906	58.952	4207.973	4977.480	2.696	3.385
237.644	1.001	14.745						
11/11/2016 5:00:00 AM	111600.000	25.859	16.905	58.940	4208.328	4977.980	2.696	3.385
237.624	1.001	14.751						
11/11/2016 5:15:00 AM	112500.000	25.865	16.906	58.953	4208.398	4977.924	2.696	3.385
237.620	1.001	14.744						
11/11/2016 5:30:00 AM	113400.000	25.865	16.906	58.954	4207.907	4977.433	2.696	3.385
237.648	1.001	14.746						
11/11/2016 5:45:00 AM	114300.000	25.857	16.907	58.937	4207.890	4977.294	2.695	3.385
237.649	1.001	14.751						
11/11/2016 6:00:00 AM	115200.000	25.868	16.906	58.960	4207.420	4976.816	2.695	3.384
237.675	1.001	14.741						
11/11/2016 6:15:00 AM	116100.000	25.866	16.906	58.956	4207.996	4977.448	2.696	3.385
237.643	1.001	14.745						
11/11/2016 6:30:00 AM	117000.000	25.864	16.906	58.951	4208.040	4977.549	2.696	3.385
237.640	1.001	14.750						
11/11/2016 6:45:00 AM	117900.000	25.859	16.906	58.940	4207.485	4976.855	2.695	3.384
237.672	1.001	14.753						
11/11/2016 7:00:00 AM	118800.000	25.862	16.906	58.947	4207.458	4976.803	2.695	3.384
237.673	1.001	14.755						
11/11/2016 7:15:00 AM	119700.000	25.860	16.906	58.944	4207.440	4976.821	2.695	3.384
237.674	1.001	14.754						
11/11/2016 7:30:00 AM	120600.000	25.863	16.906	58.949	4206.817	4976.084	2.695	3.384
237.709	1.001	14.756						
11/11/2016 7:45:00 AM	121500.000	25.862	16.906	58.947	4206.771	4975.991	2.695	3.384
237.712	1.001	14.756						
11/11/2016 8:00:00 AM	122400.000	25.857	16.906	58.936	4206.695	4975.940	2.695	3.384
237.716	1.001	14.753						
11/11/2016 8:15:00 AM	123300.000	25.859	16.906	58.941	4205.131	4974.070	2.694	3.382
237.805	1.001	14.764						
11/11/2016 8:30:00 AM	124200.000	25.863	16.906	58.951	4204.469	4973.268	2.693	3.382
237.842	1.001	14.760						
11/11/2016 8:45:00 AM	125100.000	25.865	16.906	58.954	4204.943	4973.849	2.693	3.382
237.815	1.001	14.758						
11/11/2016 9:00:00 AM	126000.000	25.865	16.907	58.953	4204.666	4973.450	2.693	3.382
237.831	1.001	14.759						
11/11/2016 9:15:00 AM	126900.000	25.855	16.907	58.931	4205.152	4974.064	2.694	3.382
237.804	1.001	14.768						
11/11/2016 9:30:00 AM	127800.000	25.858	16.907	58.939	4205.148	4973.992	2.694	3.382
237.804	1.001	14.765						
11/11/2016 9:45:00 AM	128700.000	25.855	16.907	58.932	4204.854	4973.692	2.693	3.382
237.820	1.001	14.766						
11/11/2016 10:00:00 AM	129600.000	25.860	16.907	58.944	4205.329	4974.245	2.694	3.382
237.794	1.001	14.766						
11/11/2016 10:15:00 AM	130500.000	25.860	16.906	58.942	4205.142	4974.103	2.694	3.382
237.804	1.001	14.760						
11/11/2016 10:30:00 AM	131400.000	25.865	16.907	58.954	4205.264	4974.177	2.694	3.382
237.797	1.001	14.759						
11/11/2016 10:45:00 AM	132300.000	25.863	16.907	58.950	4205.646	4974.640	2.694	3.383
237.776	1.001	14.759						
11/11/2016 11:00:00 AM	133200.000	25.859	16.906	58.940	4205.343	4974.301	2.694	3.383
237.793	1.001	14.763						
11/11/2016 11:15:00 AM	134100.000	25.872	16.907	58.971	4205.367	4974.279	2.694	3.383
237.791	1.001	14.755						
11/11/2016 11:30:00 AM	135000.000	25.862	16.907	58.948	4206.281	4975.400	2.694	3.383
237.740	1.001	14.761						
11/11/2016 11:45:00 AM	135900.000	25.865	16.906	58.954	4206.079	4975.270	2.694	3.383
237.751	1.001	14.755						
11/11/2016 12:00:00 PM	136800.000	25.863	16.907	58.950	4206.288	4975.341	2.694	3.383
237.739	1.001	14.755						
11/11/2016 12:15:00 PM	137700.000	25.867	16.906	58.958	4206.773	4976.042	2.695	3.384
237.712	1.001	14.755						
11/11/2016 12:30:00 PM	138600.000	25.860	16.907	58.942	4206.055	4975.084	2.694	3.383
237.753	1.001	14.758						
11/11/2016 12:45:00 PM	139500.000	25.865	16.907	58.954	4206.707	4975.896	2.695	3.384
237.716	1.001	14.754						
11/11/2016 1:00:00 PM	140400.000	25.865	16.906	58.955	4206.243	4975.415	2.694	3.383
237.742	1.001	14.755						
11/11/2016 1:15:00 PM	141300.000	25.863	16.907	58.951	4206.619	4975.800	2.695	3.384
237.721	1.001	14.757						
11/11/2016 1:30:00 PM	142200.000	25.864	16.907	58.951	4206.239	4975.331	2.694	3.383
237.742	1.001	14.758						

11/11/2016 1:45:00 PM	143100.000	25.861	16.907	58.946	4206.762	4975.890	2.695	3.384
237.713	1.001	14.760						
11/11/2016 2:00:00 PM	144000.000	25.856	16.907	58.935	4206.978	4976.195	2.695	3.384
237.700	1.001	14.765						
11/11/2016 2:15:00 PM	144900.000	25.879	16.906	58.985	4206.902	4976.146	2.695	3.384
237.705	1.001	14.744						
11/11/2016 2:30:00 PM	145800.000	25.861	16.907	58.945	4206.625	4975.798	2.695	3.384
237.720	1.001	14.761						
11/11/2016 2:45:00 PM	146700.000	25.862	16.906	58.947	4207.266	4976.584	2.695	3.384
237.684	1.001	14.761						
11/11/2016 3:00:00 PM	147600.000	25.858	16.906	58.937	4207.774	4977.186	2.695	3.384
237.655	1.001	14.770						
11/11/2016 3:15:00 PM	148500.000	25.865	16.907	58.955	4207.089	4976.257	2.695	3.384
237.694	1.001	14.760						
11/11/2016 3:30:00 PM	149400.000	25.856	16.906	58.934	4206.692	4975.917	2.695	3.384
237.716	1.001	14.766						
11/11/2016 3:45:00 PM	150300.000	25.856	16.907	58.934	4206.933	4976.123	2.695	3.384
237.703	1.001	14.771						
11/11/2016 4:00:00 PM	151200.000	25.863	16.906	58.951	4206.948	4976.269	2.695	3.384
237.702	1.001	14.762						
11/11/2016 4:15:00 PM	152100.000	25.863	16.907	58.950	4206.681	4975.873	2.695	3.384
237.717	1.001	14.765						
11/11/2016 4:30:00 PM	153000.000	25.865	16.907	58.955	4206.892	4976.114	2.695	3.384
237.705	1.001	14.765						
11/11/2016 4:45:00 PM	153900.000	25.862	16.907	58.948	4205.854	4974.847	2.694	3.383
237.764	1.001	14.771						
11/11/2016 5:00:00 PM	154800.000	25.863	16.907	58.951	4206.132	4975.185	2.694	3.383
237.748	1.001	14.769						
11/11/2016 5:15:00 PM	155700.000	25.861	16.907	58.946	4206.263	4975.379	2.694	3.383
237.741	1.001	14.770						
11/11/2016 5:30:00 PM	156600.000	25.866	16.907	58.957	4205.978	4974.982	2.694	3.383
237.757	1.001	14.773						
11/11/2016 5:45:00 PM	157500.000	25.860	16.907	58.943	4205.937	4974.965	2.694	3.383
237.759	1.001	14.775						
11/11/2016 6:00:00 PM	158400.000	25.853	16.906	58.928	4205.541	4974.564	2.694	3.383
237.782	1.001	14.780						
11/11/2016 6:15:00 PM	159300.000	25.859	16.908	58.941	4205.152	4973.937	2.694	3.382
237.804	1.001	14.778						
11/11/2016 6:30:00 PM	160200.000	25.856	16.907	58.935	4205.347	4974.208	2.694	3.382
237.793	1.001	14.778						
11/11/2016 6:45:00 PM	161100.000	25.857	16.907	58.936	4205.312	4974.174	2.694	3.382
237.795	1.001	14.779						
11/11/2016 7:00:00 PM	162000.000	25.860	16.907	58.942	4205.298	4974.178	2.694	3.382
237.795	1.001	14.775						
11/11/2016 7:15:00 PM	162900.000	25.865	16.907	58.955	4205.043	4973.877	2.693	3.382
237.810	1.001	14.770						
11/11/2016 7:30:00 PM	163800.000	25.856	16.907	58.933	4205.342	4974.230	2.694	3.382
237.793	1.001	14.773						
11/11/2016 7:45:00 PM	164700.000	25.867	16.906	58.959	4204.636	4973.465	2.693	3.382
237.833	1.001	14.759						
11/11/2016 8:00:00 PM	165600.000	25.864	16.907	58.951	4205.448	4974.355	2.694	3.383
237.787	1.001	14.761						
11/11/2016 8:15:00 PM	166500.000	25.865	16.907	58.954	4206.010	4975.060	2.694	3.383
237.755	1.001	14.759						
11/11/2016 8:30:00 PM	167400.000	25.867	16.907	58.958	4205.854	4974.875	2.694	3.383
237.764	1.001	14.754						
11/11/2016 8:45:00 PM	168300.000	25.863	16.906	58.950	4205.944	4975.021	2.694	3.383
237.759	1.001	14.761						
11/11/2016 9:00:00 PM	169200.000	25.864	16.907	58.952	4206.349	4975.480	2.694	3.383
237.736	1.001	14.764						
11/11/2016 9:15:00 PM	170100.000	25.866	16.906	58.957	4206.074	4975.186	2.694	3.383
237.751	1.001	14.759						
11/11/2016 9:30:00 PM	171000.000	25.863	16.906	58.951	4206.165	4975.282	2.694	3.383
237.746	1.001	14.760						
11/11/2016 9:45:00 PM	171900.000	25.864	16.907	58.951	4206.315	4975.412	2.694	3.383
237.738	1.001	14.762						
11/11/2016 10:00:00 PM	172800.000	25.859	16.907	58.940	4206.302	4975.405	2.694	3.383
237.739	1.001	14.777						
11/11/2016 10:15:00 PM	173700.000	25.857	16.907	58.937	4206.731	4975.904	2.695	3.384
237.714	1.001	14.777						
11/11/2016 10:30:00 PM	174600.000	25.871	16.907	58.969	4206.556	4975.638	2.695	3.383
237.724	1.001	14.766						
11/11/2016 10:45:00 PM	175500.000	25.861	16.907	58.946	4205.637	4974.560	2.694	3.383
237.776	1.001	14.773						
11/11/2016 11:00:00 PM	176400.000	25.857	16.907	58.936	4205.165	4974.071	2.694	3.382
237.803	1.001	14.776						
11/11/2016 11:15:00 PM	177300.000	25.856	16.907	58.934	4205.037	4973.830	2.693	3.382
237.810	1.001	14.781						
11/11/2016 11:30:00 PM	178200.000	25.854	16.908	58.929	4205.440	4974.298	2.694	3.383
237.787	1.001	14.782						
11/11/2016 11:45:00 PM	179100.000	25.856	16.907	58.934	4205.252	4974.104	2.694	3.382
237.798	1.001	14.781						
11/12/2016 12:00:00 AM	180000.000	25.865	16.907	58.954	4204.941	4973.776	2.693	3.382
237.815	1.001	14.774						
11/12/2016 12:15:00 AM	180900.000	25.867	16.908	58.958	4205.408	4974.240	2.694	3.382
237.789	1.001	14.773						
11/12/2016 12:30:00 AM	181800.000	25.862	16.907	58.947	4205.467	4974.397	2.694	3.383
237.786	1.001	14.778						
11/12/2016 12:45:00 AM	182700.000	25.861	16.907	58.945	4205.258	4974.092	2.694	3.382
237.798	1.001	14.783						
11/12/2016 1:00:00 AM	183600.000	25.866	16.907	58.957	4205.093	4973.907	2.694	3.382
237.807	1.001	14.776						
11/12/2016 1:15:00 AM	184500.000	25.861	16.907	58.946	4205.367	4974.232	2.694	3.382
237.791	1.001	14.777						
11/12/2016 1:30:00 AM	185400.000	25.861	16.907	58.945	4205.649	4974.613	2.694	3.383
237.775	1.001	14.777						
11/12/2016 1:45:00 AM	186300.000	25.861	16.907	58.945	4204.765	4973.587	2.693	3.382
237.825	1.001	14.780						
11/12/2016 2:00:00 AM	187200.000	25.853	16.907	58.926	4205.601	4974.537	2.694	3.383
237.778	1.001	14.785						
11/12/2016 2:15:00 AM	188100.000	25.862	16.907	58.947	4205.366	4974.230	2.694	3.382
237.791	1.001	14.778						
11/12/2016 2:30:00 AM	189000.000	25.857	16.907	58.937	4204.928	4973.771	2.693	3.382
237.816	1.001	14.780						
11/12/2016 2:45:00 AM	189900.000	25.855	16.907	58.933	4205.229	4974.127	2.694	3.382
237.799	1.001	14.781						
11/12/2016 3:00:00 AM	190800.000	25.861	16.908	58.945	4205.033	4973.806	2.693	3.382
237.810	1.001	14.783						
11/12/2016 3:15:00 AM	191700.000	25.862	16.907	58.947	4204.669	4973.406	2.693	3.382
237.831	1.001	14.780						
11/12/2016 3:30:00 AM	192600.000	25.858	16.908	58.937	4204.731	4973.449	2.693	3.382
237.827	1.001	14.786						
11/12/2016 3:45:00 AM	193500.000	25.861	16.907	58.946	4204.542	4973.245	2.693	3.382
237.838	1.001	14.778						
11/12/2016 4:00:00 AM	194400.000	25.861	16.907	58.946	4205.332	4974.257	2.694	3.382
237.793	1.001	14.783						
11/12/2016 4:15:00 AM	195300.000	25.863	16.907	58.949	4204.971	4973.811	2.693	3.382
237.814	1.001	14.783						
11/12/2016 4:30:00 AM	196200.000	25.857	16.907	58.935	4204.682	4973.410	2.693	3.382
237.830	1.001	14.783						
11/12/2016 4:45:00 AM	197100.000	25.860	16.907	58.943	4205.364	4974.267	2.694	3.383
237.792	1.001	14.784						
11/12/2016 5:00:00 AM	198000.000	25.867	16.908	58.958	4204.951	4973.699	2.693	3.382
237.815	1.001	14.778						
11/12/2016 5:15:00 AM	198900.000	25.859	16.907	58.940	4205.287	4974.195	2.694	3.382
237.796	1.001	14.784						
11/12/2016 5:30:00 AM	199800.000	25.866	16.907	58.956	4204.910	4973.750	2.693	3.382
237.817	1.001	14.778						
11/12/2016 5:45:00 AM	200700.000	25.870	16.907	58.966	4204.895	4973.662	2.693	3.382
237.818	1.001	14.775						
11/12/2016 6:00:00 AM	201600.000	25.857	16.907	58.935	4204.888	4973.713	2.693	3.382
237.818	1.001	14.791						
11/12/2016 6:15:00 AM	202500.000	25.862	16.908	58.947	4204.940	4973.686	2.693	3.382

237.816	1.001	14.784							
11/12/2016 6:30:00 AM	203400.000	25.862	16.907	58.947	4204.994	4973.779	2.693	3.382	
237.812	1.001	14.786							
11/12/2016 6:45:00 AM	204300.000	25.864	16.908	58.951	4205.045	4973.811	2.693	3.382	
237.810	1.001	14.789							
11/12/2016 7:00:00 AM	205200.000	25.861	16.907	58.945	4204.541	4973.302	2.693	3.382	
237.838	1.001	14.792							
11/12/2016 7:15:00 AM	206100.000	25.861	16.908	58.946	4204.767	4973.472	2.693	3.382	
237.825	1.001	14.794							
11/12/2016 7:30:00 AM	207000.000	25.855	16.907	58.932	4204.390	4973.076	2.693	3.382	
237.847	1.001	14.800							
11/12/2016 7:45:00 AM	207900.000	25.857	16.907	58.935	4204.241	4972.888	2.693	3.382	
237.855	1.001	14.801							
11/12/2016 8:00:00 AM	208800.000	25.864	16.908	58.953	4204.029	4972.609	2.693	3.381	
237.867	1.001	14.798							
11/12/2016 8:15:00 AM	209700.000	25.860	16.907	58.942	4203.375	4971.895	2.692	3.381	
237.904	1.001	14.805							
11/12/2016 8:30:00 AM	210600.000	25.858	16.908	58.937	4203.092	4971.431	2.692	3.381	
237.920	1.001	14.808							
11/12/2016 8:45:00 AM	211500.000	25.857	16.908	58.936	4203.253	4971.711	2.692	3.381	
237.911	1.001	14.811							
11/12/2016 9:00:00 AM	212400.000	25.862	16.908	58.948	4202.878	4971.257	2.692	3.380	
237.932	1.001	14.802							
11/12/2016 9:15:00 AM	213300.000	25.860	16.907	58.942	4202.899	4971.321	2.692	3.380	
237.931	1.001	14.806							
11/12/2016 9:30:00 AM	214200.000	25.861	16.908	58.945	4203.325	4971.755	2.692	3.381	
237.907	1.001	14.803							
11/12/2016 9:45:00 AM	215100.000	25.865	16.908	58.954	4203.071	4971.486	2.692	3.381	
237.921	1.001	14.803							
11/12/2016 10:00:00 AM	216000.000	25.864	16.907	58.952	4202.834	4971.244	2.692	3.380	
237.935	1.001	14.802							
11/12/2016 10:15:00 AM	216900.000	25.859	16.908	58.941	4203.523	4972.031	2.692	3.381	
237.896	1.001	14.804							
11/12/2016 10:30:00 AM	217800.000	25.856	16.907	58.934	4203.399	4971.904	2.692	3.381	
237.903	1.001	14.802							
11/12/2016 10:45:00 AM	218700.000	25.867	16.907	58.959	4203.100	4971.539	2.692	3.381	
237.920	1.001	14.794							
11/12/2016 11:00:00 AM	219600.000	25.859	16.907	58.941	4203.733	4972.288	2.693	3.381	
237.884	1.001	14.795							
11/12/2016 11:15:00 AM	220500.000	25.861	16.907	58.945	4204.629	4973.359	2.693	3.382	
237.833	1.001	14.792							
11/12/2016 11:30:00 AM	221400.000	25.864	16.907	58.951	4204.058	4972.742	2.693	3.381	
237.865	1.001	14.789							
11/12/2016 11:45:00 AM	222300.000	25.864	16.907	58.951	4204.046	4972.708	2.693	3.381	
237.866	1.001	14.784							
11/12/2016 12:00:00 PM	223200.000	25.866	16.907	58.957	4204.913	4973.734	2.693	3.382	
237.817	1.001	14.779							
11/12/2016 12:15:00 PM	224100.000	25.869	16.907	58.964	4204.740	4973.510	2.693	3.382	
237.827	1.001	14.776							
11/12/2016 12:30:00 PM	225000.000	25.869	16.906	58.963	4206.221	4975.340	2.694	3.383	
237.743	1.001	14.772							
11/12/2016 12:45:00 PM	225900.000	25.865	16.907	58.954	4206.475	4975.590	2.694	3.383	
237.729	1.001	14.774							
11/12/2016 1:00:00 PM	226800.000	25.868	16.907	58.961	4206.500	4975.600	2.694	3.383	
237.727	1.001	14.771							
11/12/2016 1:15:00 PM	227700.000	25.861	16.907	58.944	4207.572	4976.868	2.695	3.384	
237.667	1.001	14.774							
11/12/2016 1:30:00 PM	228600.000	25.873	16.907	58.972	4206.856	4976.080	2.695	3.384	
237.707	1.001	14.764							
11/12/2016 1:45:00 PM	229500.000	25.865	16.907	58.954	4207.401	4976.696	2.695	3.384	
237.676	1.001	14.770							
11/12/2016 2:00:00 PM	230400.000	25.858	16.906	58.937	4207.792	4977.207	2.695	3.385	
237.654	1.001	14.779							
11/12/2016 2:15:00 PM	231300.000	25.869	16.906	58.963	4207.366	4976.714	2.695	3.384	
237.678	1.001	14.772							
11/12/2016 2:30:00 PM	232200.000	25.863	16.907	58.950	4207.798	4977.187	2.695	3.384	
237.654	1.001	14.773							
11/12/2016 2:45:00 PM	233100.000	25.867	16.907	58.958	4207.792	4977.120	2.695	3.384	
237.654	1.001	14.770							
11/12/2016 3:00:00 PM	234000.000	25.860	16.907	58.943	4207.997	4977.331	2.695	3.385	
237.643	1.001	14.775							
11/12/2016 3:15:00 PM	234900.000	25.862	16.907	58.948	4207.191	4976.378	2.695	3.384	
237.688	1.001	14.775							
11/12/2016 3:30:00 PM	235800.000	25.860	16.907	58.943	4207.209	4976.419	2.695	3.384	
237.687	1.001	14.773							
11/12/2016 3:45:00 PM	236700.000	25.869	16.907	58.962	4208.149	4977.610	2.696	3.385	
237.634	1.001	14.771							
11/12/2016 4:00:00 PM	237600.000	25.879	16.907	58.986	4207.833	4977.187	2.695	3.384	
237.652	1.001	14.767							
11/12/2016 4:15:00 PM	238500.000	25.857	16.907	58.936	4207.425	4976.685	2.695	3.384	
237.675	1.001	14.775							
11/12/2016 4:30:00 PM	239400.000	25.864	16.907	58.951	4207.938	4977.331	2.695	3.385	
237.646	1.001	14.773							
11/12/2016 4:45:00 PM	240300.000	25.866	16.907	58.957	4207.485	4976.815	2.695	3.384	
237.672	1.001	14.775							
11/12/2016 5:00:00 PM	241200.000	25.865	16.907	58.955	4207.230	4976.475	2.695	3.384	
237.686	1.001	14.777							
11/12/2016 5:15:00 PM	242100.000	25.859	16.907	58.940	4207.119	4976.304	2.695	3.384	
237.692	1.001	14.778							
11/12/2016 5:30:00 PM	243000.000	25.863	16.907	58.949	4206.848	4976.011	2.695	3.384	
237.708	1.001	14.778							
11/12/2016 5:45:00 PM	243900.000	25.860	16.908	58.943	4206.798	4975.874	2.695	3.384	
237.710	1.001	14.782							
11/12/2016 6:00:00 PM	244800.000	25.867	16.908	58.959	4206.719	4975.801	2.695	3.384	
237.715	1.001	14.779							
11/12/2016 6:15:00 PM	245700.000	25.861	16.908	58.945	4206.459	4975.504	2.694	3.383	
237.730	1.001	14.785							
11/12/2016 6:30:00 PM	246600.000	25.860	16.908	58.942	4205.540	4974.396	2.694	3.383	
237.782	1.001	14.780							
11/12/2016 6:45:00 PM	247500.000	25.860	16.907	58.943	4205.653	4974.559	2.694	3.383	
237.775	1.001	14.780							
11/12/2016 7:00:00 PM	248400.000	25.857	16.908	58.936	4205.315	4974.140	2.694	3.382	
237.794	1.001	14.784							
11/12/2016 7:15:00 PM	249300.000	25.858	16.907	58.939	4205.368	4974.221	2.694	3.382	
237.791	1.001	14.783							
11/12/2016 7:30:00 PM	250200.000	25.864	16.907	58.952	4206.027	4975.071	2.694	3.383	
237.754	1.001	14.774							
11/12/2016 7:45:00 PM	251100.000	25.860	16.908	58.944	4205.306	4974.119	2.694	3.382	
237.795	1.001	14.774							
11/12/2016 8:00:00 PM	252000.000	25.865	16.908	58.955	4205.733	4974.645	2.694	3.383	
237.771	1.001	14.777							
11/12/2016 8:15:00 PM	252900.000	25.869	16.907	58.963	4206.125	4975.167	2.694	3.383	
237.749	1.001	14.774							
11/12/2016 8:30:00 PM	253800.000	25.856	16.908	58.933	4205.862	4974.798	2.694	3.383	
237.763	1.001	14.782							
11/12/2016 8:45:00 PM	254700.000	25.871	16.908	58.969	4205.792	4974.694	2.694	3.383	
237.767	1.001	14.782							
11/12/2016 9:00:00 PM	255600.000	25.863	16.907	58.951	4205.949	4974.948	2.694	3.383	
237.758	1.001	14.783							
11/12/2016 9:15:00 PM	256500.000	25.860	16.907	58.944	4206.042	4975.049	2.694	3.383	
237.753	1.001	14.783							
11/12/2016 9:30:00 PM	257400.000	25.865	16.908	58.953	4205.383	4974.221	2.694	3.382	
237.790	1.001	14.784							
11/12/2016 9:45:00 PM	258300.000	25.855	16.907	58.931	4205.162	4973.997	2.694	3.382	
237.803	1.001	14.790							
11/12/2016 10:00:00 PM	259200.000	25.861	16.908	58.946	4204.657	4973.352	2.693	3.382	
237.832	1.001	14.788							
11/12/2016 10:15:00 PM	260100.000	25.856	16.907	58.933	4205.135	4973.946	2.694	3.382	
237.804	1.001	14.797							
11/12/2016 10:30:00 PM	261000.000	25.861	16.908	58.944	4205.130	4973.911	2.694	3.382	
237.805	1.001	14.797							
11/12/2016 10:45:00 PM	261900.000	25.858	16.908	58.939	4204.561	4973.198	2.693	3.382	
237.837	1.001	14.798							

11/12/2016 11:00:00 PM	262800.000	25.855	16.908	58.932	4204.666	4973.313	2.693	3.382	
237.831	1.001	14.801							
11/12/2016 11:15:00 PM	263700.000	25.862	16.907	58.947	4204.481	4973.172	2.693	3.382	
237.841	1.001	14.793							
11/12/2016 11:30:00 PM	264600.000	25.858	16.908	58.938	4204.327	4972.971	2.693	3.382	
237.850	1.001	14.795							
11/12/2016 11:45:00 PM	265500.000	25.857	16.908	58.937	4203.944	4972.479	2.693	3.381	
237.872	1.001	14.801							
11/13/2016 12:00:00 AM	266400.000	25.859	16.908	58.941	4204.390	4973.035	2.693	3.382	
237.847	1.001	14.792							
11/13/2016 12:15:00 AM	267300.000	25.859	16.908	58.940	4204.464	4973.094	2.693	3.382	
237.842	1.001	14.794							
11/13/2016 12:30:00 AM	268200.000	25.859	16.907	58.941	4204.500	4973.207	2.693	3.382	
237.840	1.001	14.793							
11/13/2016 12:45:00 AM	269100.000	25.863	16.908	58.949	4204.259	4972.832	2.693	3.382	
237.854	1.001	14.795							
11/13/2016 1:00:00 AM	270000.000	25.861	16.908	58.945	4204.649	4973.362	2.693	3.382	
237.832	1.001	14.792							
11/13/2016 1:15:00 AM	270900.000	25.864	16.908	58.951	4204.771	4973.487	2.693	3.382	
237.825	1.001	14.792							
11/13/2016 1:30:00 AM	271800.000	25.866	16.908	58.957	4204.406	4973.065	2.693	3.382	
237.846	1.001	14.795							
11/13/2016 1:45:00 AM	272700.000	25.856	16.908	58.933	4205.344	4974.135	2.694	3.382	
237.793	1.001	14.799							
11/13/2016 2:00:00 AM	273600.000	25.860	16.908	58.942	4204.897	4973.556	2.693	3.382	
237.818	1.001	14.799							
11/13/2016 2:15:00 AM	274500.000	25.866	16.908	58.956	4205.401	4974.203	2.694	3.382	
237.789	1.001	14.794							
11/13/2016 2:30:00 AM	275400.000	25.865	16.908	58.955	4205.104	4973.871	2.693	3.382	
237.806	1.001	14.796							
11/13/2016 2:45:00 AM	276300.000	25.856	16.908	58.934	4204.753	4973.445	2.693	3.382	
237.826	1.001	14.801							
11/13/2016 3:00:00 AM	277200.000	25.856	16.907	58.933	4204.721	4973.468	2.693	3.382	
237.828	1.001	14.796							
11/13/2016 3:15:00 AM	278100.000	25.861	16.908	58.944	4204.507	4973.115	2.693	3.382	
237.840	1.001	14.796							
11/13/2016 3:30:00 AM	279000.000	25.866	16.908	58.958	4204.831	4973.557	2.693	3.382	
237.822	1.001	14.790							
11/13/2016 3:45:00 AM	279900.000	25.859	16.908	58.941	4204.625	4973.313	2.693	3.382	
237.833	1.001	14.795							
11/13/2016 4:00:00 AM	280800.000	25.866	16.908	58.957	4205.348	4974.179	2.694	3.382	
237.792	1.001	14.788							
11/13/2016 4:15:00 AM	281700.000	25.861	16.908	58.945	4205.389	4974.177	2.694	3.382	
237.790	1.001	14.791							
11/13/2016 4:30:00 AM	282600.000	25.864	16.908	58.952	4206.122	4975.074	2.694	3.383	
237.749	1.001	14.793							
11/13/2016 4:45:00 AM	283500.000	25.860	16.907	58.942	4205.427	4974.291	2.694	3.383	
237.788	1.001	14.796							
11/13/2016 5:00:00 AM	284400.000	25.862	16.907	58.948	4205.820	4974.756	2.694	3.383	
237.766	1.001	14.797							
11/13/2016 5:15:00 AM	285300.000	25.861	16.908	58.945	4205.412	4974.215	2.694	3.382	
237.789	1.001	14.798							
11/13/2016 5:30:00 AM	286200.000	25.870	16.908	58.967	4205.204	4973.978	2.694	3.382	
237.801	1.001	14.792							
11/13/2016 5:45:00 AM	287100.000	25.865	16.908	58.954	4205.546	4974.403	2.694	3.383	
237.781	1.001	14.796							
11/13/2016 6:00:00 AM	288000.000	25.865	16.908	58.955	4205.075	4973.786	2.693	3.382	
237.808	1.001	14.801							
11/13/2016 6:15:00 AM	288900.000	25.863	16.908	58.949	4205.075	4973.767	2.693	3.382	
237.808	1.001	14.800							
11/13/2016 6:30:00 AM	289800.000	25.863	16.907	58.950	4204.177	4972.852	2.693	3.382	
237.859	1.001	14.803							
11/13/2016 6:45:00 AM	290700.000	25.860	16.908	58.943	4204.281	4972.906	2.693	3.382	
237.853	1.001	14.805							
11/13/2016 7:00:00 AM	291600.000	25.859	16.908	58.942	4203.967	4972.506	2.693	3.381	
237.871	1.001	14.810							
11/13/2016 7:15:00 AM	292500.000	25.862	16.908	58.947	4204.086	4972.617	2.693	3.381	
237.864	1.001	14.807							
11/13/2016 7:30:00 AM	293400.000	25.848	16.909	58.916	4204.328	4972.865	2.693	3.382	
237.850	1.001	14.818							
11/13/2016 7:45:00 AM	294300.000	25.856	16.908	58.935	4203.930	4972.413	2.693	3.381	
237.873	1.001	14.813							
11/13/2016 8:00:00 AM	295200.000	25.858	16.908	58.938	4203.696	4972.166	2.693	3.381	
237.886	1.001	14.811							
11/13/2016 8:15:00 AM	296100.000	25.854	16.908	58.930	4203.416	4971.863	2.692	3.381	
237.902	1.001	14.820							
11/13/2016 8:30:00 AM	297000.000	25.862	16.908	58.947	4203.488	4971.949	2.692	3.381	
237.898	1.001	14.811							
11/13/2016 8:45:00 AM	297900.000	25.855	16.908	58.931	4203.480	4971.891	2.692	3.381	
237.898	1.001	14.818							
11/13/2016 9:00:00 AM	298800.000	25.855	16.908	58.932	4203.251	4971.629	2.692	3.381	
237.911	1.001	14.816							
11/13/2016 9:15:00 AM	299700.000	25.859	16.909	58.940	4203.633	4972.003	2.692	3.381	
237.889	1.001	14.813							
11/13/2016 9:30:00 AM	300600.000	25.857	16.908	58.936	4203.296	4971.693	2.692	3.381	
237.909	1.001	14.813							
11/13/2016 9:45:00 AM	301500.000	25.860	16.909	58.942	4203.484	4971.876	2.692	3.381	
237.898	1.001	14.815							
11/13/2016 10:00:00 AM	302400.000	25.851	16.908	58.922	4203.458	4971.905	2.692	3.381	
237.899	1.001	14.824							
11/13/2016 10:15:00 AM	303300.000	25.865	16.907	58.953	4203.577	4972.134	2.692	3.381	
237.893	1.001	14.810							
11/13/2016 10:30:00 AM	304200.000	25.859	16.908	58.942	4203.911	4972.449	2.693	3.381	
237.874	1.001	14.816							
11/13/2016 10:45:00 AM	305100.000	25.852	16.907	58.926	4203.840	4972.434	2.693	3.381	
237.878	1.001	14.817							
11/13/2016 11:00:00 AM	306000.000	25.866	16.908	58.956	4203.398	4971.823	2.692	3.381	
237.903	1.001	14.812							
11/13/2016 11:15:00 AM	306900.000	25.858	16.908	58.939	4204.052	4972.636	2.693	3.381	
237.866	1.001	14.816							
11/13/2016 11:30:00 AM	307800.000	25.859	16.908	58.941	4204.403	4973.002	2.693	3.382	
237.846	1.001	14.811							
11/13/2016 11:45:00 AM	308700.000	25.863	16.907	58.949	4203.902	4972.488	2.693	3.381	
237.874	1.001	14.810							
11/13/2016 12:00:00 PM	309600.000	25.863	16.908	58.950	4204.152	4972.705	2.693	3.381	
237.860	1.001	14.804							
11/13/2016 12:15:00 PM	310500.000	25.867	16.907	58.958	4204.404	4973.081	2.693	3.382	
237.846	1.001	14.799							
11/13/2016 12:30:00 PM	311400.000	25.860	16.908	58.944	4204.141	4972.711	2.693	3.381	
237.861	1.001	14.803							
11/13/2016 12:45:00 PM	312300.000	25.864	16.907	58.953	4205.061	4973.858	2.693	3.382	
237.809	1.001	14.805							
11/13/2016 1:00:00 PM	313200.000	25.861	16.908	58.945	4205.184	4973.995	2.694	3.382	
237.802	1.001	14.802							
11/13/2016 1:15:00 PM	314100.000	25.862	16.907	58.948	4205.416	4974.336	2.694	3.383	
237.789	1.001	14.805							
11/13/2016 1:30:00 PM	315000.000	25.862	16.908	58.948	4205.380	4974.217	2.694	3.382	
237.791	1.001	14.803							
11/13/2016 1:45:00 PM	315900.000	25.866	16.908	58.957	4205.458	4974.309	2.694	3.383	
237.786	1.001	14.796							
11/13/2016 2:00:00 PM	316800.000	25.860	16.908	58.943	4205.410	4974.233	2.694	3.382	
237.789	1.001	14.801							
11/13/2016 2:15:00 PM	317700.000	25.861	16.907	58.945	4205.399	4974.290	2.694	3.383	
237.790	1.001	14.797							
11/13/2016 2:30:00 PM	318600.000	25.859	16.908	58.940	4205.636	4974.480	2.694	3.383	
237.776	1.001	14.800							
11/13/2016 2:45:00 PM	319500.000	25.868	16.907	58.962	4206.359	4975.464	2.694	3.383	
237.735	1.001	14.795							
11/13/2016 3:00:00 PM	320400.000	25.859	16.908	58.941	4205.800	4974.684	2.694	3.383	
237.767	1.001	14.802							
11/13/2016 3:15:00 PM	321300.000	25.864	16.908	58.951	4205.474	4974.278	2.694	3.383	
237.785	1.001	14.801							
11/13/2016 3:30:00 PM	322200.000	25.862	16.908	58.947	4205.878	4974.756	2.694	3.383	

237.762	1.001	14.802						
11/13/2016 3:45:00 PM	323100.000	25.858	16.908	58.939	4206.089	4974.986	2.694	3.383
237.751	1.001	14.805						
11/13/2016 4:00:00 PM	324000.000	25.857	16.907	58.937	4206.134	4975.139	2.694	3.383
237.748	1.001	14.801						
11/13/2016 4:15:00 PM	324900.000	25.863	16.908	58.949	4205.596	4974.472	2.694	3.383
237.778	1.001	14.803						
11/13/2016 4:30:00 PM	325800.000	25.862	16.908	58.948	4205.589	4974.474	2.694	3.383
237.779	1.001	14.801						
11/13/2016 4:45:00 PM	326700.000	25.855	16.908	58.933	4205.694	4974.559	2.694	3.383
237.773	1.001	14.807						
11/13/2016 5:00:00 PM	327600.000	25.865	16.908	58.954	4205.454	4974.304	2.694	3.383
237.786	1.001	14.801						
11/13/2016 5:15:00 PM	328500.000	25.865	16.908	58.955	4205.697	4974.513	2.694	3.383
237.773	1.001	14.803						
11/13/2016 5:30:00 PM	329400.000	25.863	16.908	58.950	4205.413	4974.206	2.694	3.382
237.789	1.001	14.802						
11/13/2016 5:45:00 PM	330300.000	25.859	16.909	58.941	4204.770	4973.396	2.693	3.382
237.825	1.001	14.808						
11/13/2016 6:00:00 PM	331200.000	25.866	16.908	58.957	4205.590	4974.415	2.694	3.383
237.779	1.001	14.800						
11/13/2016 6:15:00 PM	332100.000	25.859	16.908	58.940	4205.517	4974.299	2.694	3.383
237.783	1.001	14.806						
11/13/2016 6:30:00 PM	333000.000	25.861	16.908	58.945	4205.245	4973.998	2.694	3.382
237.798	1.001	14.805						
11/13/2016 6:45:00 PM	333900.000	25.856	16.908	58.934	4205.692	4974.576	2.694	3.383
237.773	1.001	14.809						
11/13/2016 7:00:00 PM	334800.000	25.859	16.909	58.940	4205.341	4974.013	2.694	3.382
237.793	1.001	14.809						
11/13/2016 7:15:00 PM	335700.000	25.854	16.908	58.929	4205.324	4974.120	2.694	3.382
237.794	1.001	14.818						
11/13/2016 7:30:00 PM	336600.000	25.854	16.908	58.928	4205.228	4973.958	2.694	3.382
237.799	1.001	14.815						
11/13/2016 7:45:00 PM	337500.000	25.855	16.908	58.931	4204.452	4973.041	2.693	3.382
237.843	1.001	14.814						
11/13/2016 8:00:00 PM	338400.000	25.860	16.909	58.942	4203.971	4972.403	2.693	3.381
237.870	1.001	14.812						
11/13/2016 8:15:00 PM	339300.000	25.860	16.908	58.944	4204.696	4973.329	2.693	3.382
237.829	1.001	14.813						
11/13/2016 8:30:00 PM	340200.000	25.864	16.908	58.952	4203.779	4972.284	2.693	3.381
237.881	1.001	14.811						
11/13/2016 8:45:00 PM	341100.000	25.861	16.909	58.946	4204.191	4972.702	2.693	3.381
237.858	1.001	14.810						
11/13/2016 9:00:00 PM	342000.000	25.860	16.909	58.943	4203.676	4972.044	2.692	3.381
237.887	1.001	14.813						
11/13/2016 9:15:00 PM	342900.000	25.855	16.908	58.933	4204.382	4972.997	2.693	3.382
237.847	1.001	14.817						
11/13/2016 9:30:00 PM	343800.000	25.858	16.908	58.937	4203.905	4972.452	2.693	3.381
237.874	1.001	14.818						
11/13/2016 9:45:00 PM	344700.000	25.864	16.909	58.951	4204.397	4972.946	2.693	3.382
237.846	1.001	14.813						
11/13/2016 10:00:00 PM	345600.000	25.860	16.908	58.943	4203.762	4972.244	2.693	3.381
237.882	1.001	14.817						
11/13/2016 10:15:00 PM	346500.000	25.854	16.908	58.929	4204.029	4972.609	2.693	3.381
237.867	1.001	14.822						
11/13/2016 10:30:00 PM	347400.000	25.856	16.909	58.935	4203.260	4971.602	2.692	3.381
237.911	1.001	14.819						
11/13/2016 10:45:00 PM	348300.000	25.857	16.909	58.936	4203.298	4971.646	2.692	3.381
237.908	1.001	14.818						
11/13/2016 11:00:00 PM	349200.000	25.859	16.908	58.940	4204.048	4972.582	2.693	3.381
237.866	1.001	14.819						
11/13/2016 11:15:00 PM	350100.000	25.866	16.909	58.957	4203.720	4972.146	2.693	3.381
237.885	1.001	14.818						
11/13/2016 11:30:00 PM	351000.000	25.855	16.908	58.932	4203.778	4972.243	2.693	3.381
237.881	1.001	14.823						
11/13/2016 11:45:00 PM	351900.000	25.868	16.909	58.961	4204.105	4972.610	2.693	3.381
237.863	1.001	14.815						
11/14/2016 12:00:00 AM	352800.000	25.864	16.908	58.952	4203.379	4971.792	2.692	3.381
237.904	1.001	14.821						
11/14/2016 12:15:00 AM	353700.000	25.863	16.908	58.951	4203.392	4971.786	2.692	3.381
237.903	1.001	14.814						
11/14/2016 12:30:00 AM	354600.000	25.858	16.908	58.939	4203.301	4971.719	2.692	3.381
237.908	1.001	14.817						
11/14/2016 12:45:00 AM	355500.000	25.862	16.908	58.948	4203.457	4971.922	2.692	3.381
237.899	1.001	14.815						
11/14/2016 1:00:00 AM	356400.000	25.857	16.908	58.937	4203.519	4971.966	2.692	3.381
237.896	1.001	14.816						
11/14/2016 1:15:00 AM	357300.000	25.859	16.909	58.940	4203.674	4972.071	2.692	3.381
237.887	1.001	14.815						
11/14/2016 1:30:00 AM	358200.000	25.859	16.908	58.940	4203.615	4972.050	2.692	3.381
237.891	1.001	14.813						
11/14/2016 1:45:00 AM	359100.000	25.860	16.908	58.944	4203.598	4972.050	2.692	3.381
237.891	1.001	14.814						
11/14/2016 2:00:00 AM	360000.000	25.857	16.909	58.937	4204.217	4972.723	2.693	3.381
237.856	1.001	14.818						
11/14/2016 2:15:00 AM	360900.000	25.858	16.909	58.937	4204.401	4972.960	2.693	3.382
237.846	1.001	14.816						
11/14/2016 2:30:00 AM	361800.000	25.861	16.909	58.945	4204.506	4973.075	2.693	3.382
237.840	1.001	14.808						
11/14/2016 2:45:00 AM	362700.000	25.859	16.908	58.941	4204.201	4972.783	2.693	3.381
237.857	1.001	14.815						
11/14/2016 3:00:00 AM	363600.000	25.861	16.908	58.946	4204.388	4972.993	2.693	3.382
237.847	1.001	14.813						
11/14/2016 3:15:00 AM	364500.000	25.866	16.909	58.957	4204.325	4972.851	2.693	3.382
237.850	1.001	14.809						
11/14/2016 3:30:00 AM	365400.000	25.864	16.908	58.952	4203.973	4972.502	2.693	3.381
237.870	1.001	14.809						
11/14/2016 3:45:00 AM	366300.000	25.858	16.909	58.939	4204.641	4973.234	2.693	3.382
237.832	1.001	14.811						
11/14/2016 4:00:00 AM	367200.000	25.865	16.908	58.955	4205.272	4974.080	2.694	3.382
237.797	1.001	14.813						
11/14/2016 4:15:00 AM	368100.000	25.864	16.909	58.952	4205.119	4973.809	2.693	3.382
237.805	1.001	14.809						
11/14/2016 4:30:00 AM	369000.000	25.860	16.908	58.943	4204.704	4973.417	2.693	3.382
237.829	1.001	14.813						
11/14/2016 4:45:00 AM	369900.000	25.862	16.908	58.948	4205.127	4973.918	2.694	3.382
237.805	1.001	14.810						
11/14/2016 5:00:00 AM	370800.000	25.871	16.909	58.969	4205.188	4973.871	2.693	3.382
237.802	1.001	14.811						
11/14/2016 5:15:00 AM	371700.000	25.865	16.908	58.954	4205.020	4973.731	2.693	3.382
237.811	1.001	14.810						
11/14/2016 5:30:00 AM	372600.000	25.865	16.909	58.954	4204.514	4973.065	2.693	3.382
237.840	1.001	14.808						
11/14/2016 5:45:00 AM	373500.000	25.858	16.908	58.938	4205.477	4974.242	2.694	3.382
237.785	1.001	14.812						
11/14/2016 6:00:00 AM	374400.000	25.861	16.909	58.946	4204.936	4973.583	2.693	3.382
237.816	1.001	14.808						
11/14/2016 6:15:00 AM	375300.000	25.859	16.909	58.940	4204.871	4973.467	2.693	3.382
237.819	1.001	14.811						
11/14/2016 6:30:00 AM	376200.000	25.868	16.908	58.961	4204.831	4973.517	2.693	3.382
237.822	1.001	14.808						
11/14/2016 6:45:00 AM	377100.000	25.864	16.907	58.952	4205.329	4974.175	2.694	3.382
237.794	1.001	14.808						
11/14/2016 7:00:00 AM	378000.000	25.855	16.909	58.931	4204.412	4972.925	2.693	3.382
237.845	1.001	14.815						
11/14/2016 7:15:00 AM	378900.000	25.855	16.908	58.930	4204.668	4973.316	2.693	3.382
237.831	1.001	14.821						
11/14/2016 7:30:00 AM	379800.000	25.861	16.908	58.946	4204.505	4973.112	2.693	3.382
237.840	1.001	14.814						
11/14/2016 7:45:00 AM	380700.000	25.858	16.909	58.938	4204.265	4972.799	2.693	3.382
237.854	1.001	14.822						
11/14/2016 8:00:00 AM	381600.000	25.852	16.909	58.924	4204.308	4972.801	2.693	3.382
237.851	1.001	14.825						

11/14/2016 8:15:00 AM	382500.000	25.863	16.908	58.950	4204.254	4972.796	2.693	3.382	
237.854	1.001	14.818							
11/14/2016 8:30:00 AM	383400.000	25.859	16.908	58.942	4203.853	4972.331	2.693	3.381	
237.877	1.001	14.825							
11/14/2016 8:45:00 AM	384300.000	25.863	16.909	58.949	4203.827	4972.272	2.693	3.381	
237.878	1.001	14.819							
11/14/2016 9:00:00 AM	385200.000	25.856	16.909	58.935	4203.974	4972.426	2.693	3.381	
237.870	1.001	14.828							
11/14/2016 9:15:00 AM	386100.000	25.859	16.909	58.942	4203.633	4972.032	2.692	3.381	
237.889	1.001	14.824							
11/14/2016 9:30:00 AM	387000.000	25.860	16.909	58.943	4203.956	4972.404	2.693	3.381	
237.871	1.001	14.824							
11/14/2016 9:45:00 AM	387900.000	25.859	16.909	58.940	4203.541	4971.923	2.692	3.381	
237.895	1.001	14.827							
11/14/2016 10:00:00 AM	388800.000	25.875	16.908	58.977	4202.933	4971.243	2.692	3.380	
237.929	1.001	14.814							
11/14/2016 10:15:00 AM	389700.000	25.861	16.909	58.945	4203.292	4971.620	2.692	3.381	
237.909	1.001	14.815							
11/14/2016 10:30:00 AM	390600.000	25.855	16.909	58.932	4203.547	4971.950	2.692	3.381	
237.894	1.001	14.818							
11/14/2016 10:45:00 AM	391500.000	25.858	16.908	58.939	4203.838	4972.354	2.693	3.381	
237.878	1.001	14.820							
11/14/2016 11:00:00 AM	392400.000	25.862	16.908	58.948	4203.250	4971.688	2.692	3.381	
237.911	1.001	14.812							
11/14/2016 11:15:00 AM	393300.000	25.864	16.908	58.953	4204.216	4972.820	2.693	3.382	
237.856	1.001	14.813							
11/14/2016 11:30:00 AM	394200.000	25.865	16.909	58.955	4203.631	4972.049	2.692	3.381	
237.890	1.001	14.809							
11/14/2016 11:45:00 AM	395100.000	25.864	16.908	58.953	4204.175	4972.722	2.693	3.381	
237.859	1.001	14.805							
11/14/2016 12:00:00 PM	396000.000	25.865	16.909	58.953	4204.080	4972.541	2.693	3.381	
237.864	1.001	14.804							
11/14/2016 12:15:00 PM	396900.000	25.861	16.908	58.945	4204.637	4973.269	2.693	3.382	
237.833	1.001	14.803							
11/14/2016 12:30:00 PM	397800.000	25.868	16.908	58.961	4204.451	4973.048	2.693	3.382	
237.843	1.001	14.798							
11/14/2016 12:45:00 PM	398700.000	25.864	16.908	58.952	4205.633	4974.516	2.694	3.383	
237.776	1.001	14.798							
11/14/2016 1:00:00 PM	399600.000	25.865	16.908	58.954	4205.461	4974.293	2.694	3.383	
237.786	1.001	14.796							
11/14/2016 1:15:00 PM	400500.000	25.865	16.908	58.955	4206.380	4975.350	2.694	3.383	
237.734	1.001	14.799							
11/14/2016 1:30:00 PM	401400.000	25.863	16.908	58.950	4205.877	4974.746	2.694	3.383	
237.763	1.001	14.797							
11/14/2016 1:45:00 PM	402300.000	25.867	16.908	58.959	4204.990	4973.706	2.693	3.382	
237.813	1.001	14.796							
11/14/2016 2:00:00 PM	403200.000	25.871	16.908	58.969	4206.253	4975.160	2.694	3.383	
237.741	1.001	14.788							
11/14/2016 2:15:00 PM	404100.000	25.870	16.908	58.966	4206.093	4975.060	2.694	3.383	
237.750	1.001	14.793							
11/14/2016 2:30:00 PM	405000.000	25.868	16.908	58.960	4206.139	4975.075	2.694	3.383	
237.748	1.001	14.790							
11/14/2016 2:45:00 PM	405900.000	25.866	16.908	58.956	4205.857	4974.750	2.694	3.383	
237.764	1.001	14.795							
11/14/2016 3:00:00 PM	406800.000	25.867	16.908	58.958	4205.922	4974.788	2.694	3.383	
237.760	1.001	14.794							
11/14/2016 3:15:00 PM	407700.000	25.862	16.908	58.947	4206.282	4975.195	2.694	3.383	
237.740	1.001	14.796							
11/14/2016 3:30:00 PM	408600.000	25.869	16.909	58.963	4206.363	4975.281	2.694	3.383	
237.735	1.001	14.795							
11/14/2016 3:45:00 PM	409500.000	25.868	16.908	58.960	4205.494	4974.262	2.694	3.382	
237.784	1.001	14.797							
11/14/2016 4:00:00 PM	410400.000	25.868	16.908	58.961	4205.317	4974.093	2.694	3.382	
237.794	1.001	14.794							
11/14/2016 4:15:00 PM	411300.000	25.864	16.908	58.951	4206.190	4975.145	2.694	3.383	
237.745	1.001	14.799							
11/14/2016 4:30:00 PM	412200.000	25.861	16.908	58.945	4205.210	4973.946	2.694	3.382	
237.800	1.001	14.801							
11/14/2016 4:45:00 PM	413100.000	25.866	16.909	58.956	4205.237	4973.920	2.694	3.382	
237.799	1.001	14.800							
11/14/2016 5:00:00 PM	414000.000	25.860	16.909	58.943	4205.375	4974.112	2.694	3.382	
237.791	1.001	14.796							
11/14/2016 5:15:00 PM	414900.000	25.856	16.908	58.935	4205.409	4974.182	2.694	3.382	
237.789	1.001	14.799							
11/14/2016 5:30:00 PM	415800.000	25.867	16.909	58.960	4204.926	4973.532	2.693	3.382	
237.816	1.001	14.796							
11/14/2016 5:45:00 PM	416700.000	25.866	16.908	58.957	4205.242	4973.974	2.694	3.382	
237.798	1.001	14.795							
11/14/2016 6:00:00 PM	417600.000	25.859	16.909	58.941	4204.808	4973.421	2.693	3.382	
237.823	1.001	14.800							
11/14/2016 6:15:00 PM	418500.000	25.852	16.908	58.924	4204.516	4973.136	2.693	3.382	
237.839	1.001	14.806							
11/14/2016 6:30:00 PM	419400.000	25.855	16.909	58.931	4204.976	4973.600	2.693	3.382	
237.814	1.001	14.802							
11/14/2016 6:45:00 PM	420300.000	25.861	16.909	58.945	4204.454	4973.023	2.693	3.382	
237.843	1.001	14.805							
11/14/2016 7:00:00 PM	421200.000	25.866	16.908	58.956	4204.771	4973.428	2.693	3.382	
237.825	1.001	14.797							
11/14/2016 7:15:00 PM	422100.000	25.863	16.908	58.950	4205.163	4973.871	2.693	3.382	
237.803	1.001	14.798							
11/14/2016 7:30:00 PM	423000.000	25.858	16.909	58.939	4204.341	4972.870	2.693	3.382	
237.849	1.001	14.803							
11/14/2016 7:45:00 PM	423900.000	25.864	16.908	58.952	4203.834	4972.310	2.693	3.381	
237.878	1.001	14.802							
11/14/2016 8:00:00 PM	424800.000	25.863	16.909	58.951	4203.975	4972.427	2.693	3.381	
237.870	1.001	14.800							
11/14/2016 8:15:00 PM	425700.000	25.868	16.909	58.960	4203.822	4972.266	2.693	3.381	
237.879	1.001	14.797							
11/14/2016 8:30:00 PM	426600.000	25.868	16.909	58.961	4203.623	4972.010	2.692	3.381	
237.890	1.001	14.797							
11/14/2016 8:45:00 PM	427500.000	25.861	16.909	58.945	4203.928	4972.353	2.693	3.381	
237.873	1.001	14.802							
11/14/2016 9:00:00 PM	428400.000	25.862	16.909	58.948	4203.271	4971.604	2.692	3.381	
237.910	1.001	14.798							
11/14/2016 9:15:00 PM	429300.000	25.855	16.908	58.932	4203.753	4972.203	2.693	3.381	
237.883	1.001	14.806							
11/14/2016 9:30:00 PM	430200.000	25.858	16.908	58.939	4203.402	4971.799	2.692	3.381	
237.903	1.001	14.800							
11/14/2016 9:45:00 PM	431100.000	25.864	16.909	58.952	4204.033	4972.485	2.693	3.381	
237.867	1.001	14.798							
11/14/2016 10:00:00 PM	432000.000	25.857	16.909	58.937	4203.419	4971.789	2.692	3.381	
237.902	1.001	14.803							
11/14/2016 10:15:00 PM	432900.000	25.860	16.909	58.942	4204.173	4972.622	2.693	3.381	
237.859	1.001	14.801							
11/14/2016 10:30:00 PM	433800.000	25.865	16.909	58.955	4203.981	4972.415	2.693	3.381	
237.870	1.001	14.799							
11/14/2016 10:45:00 PM	434700.000	25.859	16.909	58.941	4203.926	4972.329	2.693	3.381	
237.873	1.001	14.800							
11/14/2016 11:00:00 PM	435600.000	25.867	16.909	58.960	4203.654	4972.037	2.692	3.381	
237.888	1.001	14.795							
11/14/2016 11:15:00 PM	436500.000	25.857	16.909	58.935	4204.068	4972.518	2.693	3.381	
237.865	1.001	14.802							
11/14/2016 11:30:00 PM	437400.000	25.860	16.909	58.944	4204.318	4972.842	2.693	3.382	
237.851	1.001	14.805							
11/14/2016 11:45:00 PM	438300.000	25.860	16.909	58.943	4204.097	4972.591	2.693	3.381	
237.863	1.001	14.799							
11/15/2016 12:00:00 AM	439200.000	25.861	16.909	58.945	4203.745	4972.145	2.693	3.381	
237.883	1.001	14.801							
11/15/2016 12:15:00 AM	440100.000	25.861	16.909	58.945	4204.078	4972.538	2.693	3.381	
237.864	1.001	14.800							
11/15/2016 12:30:00 AM	441000.000	25.858	16.909	58.939	4203.803	4972.253	2.693	3.381	
237.880	1.001	14.801							
11/15/2016 12:45:00 AM	441900.000	25.862	16.909	58.948	4203.414	4971.772	2.692	3.381	

237.902	1.001	14.799						
11/15/2016 1:00:00 AM	442800.000	25.869	16.909	58.963	4203.732	4972.080	2.692	3.381
237.884	1.001	14.797						
11/15/2016 1:15:00 AM	443700.000	25.861	16.909	58.945	4203.786	4972.223	2.693	3.381
237.881	1.001	14.802						
11/15/2016 1:30:00 AM	444600.000	25.857	16.908	58.936	4203.556	4971.989	2.692	3.381
237.894	1.001	14.806						
11/15/2016 1:45:00 AM	445500.000	25.865	16.908	58.954	4203.440	4971.863	2.692	3.381
237.900	1.001	14.802						
11/15/2016 2:00:00 AM	446400.000	25.859	16.909	58.940	4202.899	4971.174	2.692	3.380
237.931	1.001	14.804						
11/15/2016 2:15:00 AM	447300.000	25.868	16.910	58.961	4203.677	4971.986	2.692	3.381
237.887	1.001	14.796						
11/15/2016 2:30:00 AM	448200.000	25.868	16.909	58.961	4203.179	4971.505	2.692	3.381
237.915	1.001	14.801						
11/15/2016 2:45:00 AM	449100.000	25.863	16.909	58.949	4203.422	4971.754	2.692	3.381
237.901	1.001	14.807						
11/15/2016 3:00:00 AM	450000.000	25.858	16.910	58.939	4203.155	4971.358	2.692	3.381
237.917	1.001	14.804						
11/15/2016 3:15:00 AM	450900.000	25.861	16.908	58.945	4203.123	4971.477	2.692	3.381
237.918	1.001	14.802						
11/15/2016 3:30:00 AM	451800.000	25.858	16.909	58.938	4203.239	4971.546	2.692	3.381
237.912	1.001	14.807						
11/15/2016 3:45:00 AM	452700.000	25.873	16.910	58.972	4202.482	4970.574	2.692	3.380
237.955	1.001	14.795						
11/15/2016 4:00:00 AM	453600.000	25.868	16.909	58.961	4202.879	4971.160	2.692	3.380
237.932	1.001	14.797						
11/15/2016 4:15:00 AM	454500.000	25.864	16.909	58.951	4203.272	4971.566	2.692	3.381
237.910	1.001	14.799						
11/15/2016 4:30:00 AM	455400.000	25.864	16.909	58.953	4202.579	4970.776	2.692	3.380
237.949	1.001	14.798						
11/15/2016 4:45:00 AM	456300.000	25.866	16.909	58.956	4203.915	4972.376	2.693	3.381
237.874	1.001	14.799						
11/15/2016 5:00:00 AM	457200.000	25.860	16.909	58.943	4203.805	4972.207	2.693	3.381
237.880	1.001	14.801						
11/15/2016 5:15:00 AM	458100.000	25.871	16.909	58.968	4203.412	4971.711	2.692	3.381
237.902	1.001	14.795						
11/15/2016 5:30:00 AM	459000.000	25.867	16.910	58.958	4203.980	4972.345	2.693	3.381
237.870	1.001	14.799						
11/15/2016 5:45:00 AM	459900.000	25.862	16.908	58.948	4203.604	4972.037	2.692	3.381
237.891	1.001	14.801						
11/15/2016 6:00:00 AM	460800.000	25.869	16.909	58.964	4203.551	4971.915	2.692	3.381
237.894	1.001	14.795						
11/15/2016 6:15:00 AM	461700.000	25.866	16.909	58.956	4203.538	4971.899	2.692	3.381
237.895	1.001	14.800						
11/15/2016 6:30:00 AM	462600.000	25.863	16.909	58.950	4204.185	4972.685	2.693	3.381
237.858	1.001	14.800						
11/15/2016 6:45:00 AM	463500.000	25.861	16.908	58.946	4203.687	4972.155	2.693	3.381
237.886	1.001	14.800						
11/15/2016 7:00:00 AM	464400.000	25.866	16.909	58.958	4203.585	4971.976	2.692	3.381
237.892	1.001	14.798						
11/15/2016 7:15:00 AM	465300.000	25.866	16.909	58.956	4203.498	4971.833	2.692	3.381
237.897	1.001	14.795						
11/15/2016 7:30:00 AM	466200.000	25.863	16.909	58.951	4203.985	4972.399	2.693	3.381
237.870	1.001	14.798						
11/15/2016 7:45:00 AM	467100.000	25.868	16.909	58.960	4203.847	4972.245	2.693	3.381
237.877	1.001	14.793						
11/15/2016 8:00:00 AM	468000.000	25.868	16.909	58.961	4203.687	4972.116	2.692	3.381
237.886	1.001	14.792						
11/15/2016 8:15:00 AM	468900.000	25.862	16.909	58.948	4204.137	4972.600	2.693	3.381
237.861	1.001	14.796						
11/15/2016 8:30:00 AM	469800.000	25.873	16.908	58.971	4203.854	4972.333	2.693	3.381
237.877	1.001	14.789						
11/15/2016 8:45:00 AM	470700.000	25.859	16.909	58.940	4204.249	4972.780	2.693	3.381
237.855	1.001	14.801						
11/15/2016 9:00:00 AM	471600.000	25.864	16.909	58.951	4204.455	4972.976	2.693	3.382
237.843	1.001	14.797						
11/15/2016 9:15:00 AM	472500.000	25.858	16.909	58.938	4204.215	4972.642	2.693	3.381
237.857	1.001	14.800						
11/15/2016 9:30:00 AM	473400.000	25.861	16.909	58.946	4203.849	4972.288	2.693	3.381
237.877	1.001	14.798						
11/15/2016 9:45:00 AM	474300.000	25.864	16.909	58.951	4203.599	4971.942	2.692	3.381
237.891	1.001	14.799						
11/15/2016 10:00:00 AM	475200.000	25.859	16.909	58.941	4203.742	4972.152	2.693	3.381
237.883	1.001	14.802						
11/15/2016 10:15:00 AM	476100.000	25.862	16.910	58.947	4203.482	4971.737	2.692	3.381
237.898	1.001	14.801						
11/15/2016 10:30:00 AM	477000.000	25.861	16.909	58.945	4203.568	4971.926	2.692	3.381
237.893	1.001	14.797						
11/15/2016 10:45:00 AM	477900.000	25.859	16.909	58.941	4203.029	4971.318	2.692	3.380
237.924	1.001	14.802						
11/15/2016 11:00:00 AM	478800.000	25.868	16.909	58.960	4203.353	4971.672	2.692	3.381
237.905	1.001	14.796						
11/15/2016 11:15:00 AM	479700.000	25.861	16.909	58.946	4203.395	4971.671	2.692	3.381
237.903	1.001	14.793						
11/15/2016 11:30:00 AM	480600.000	25.867	16.909	58.959	4203.688	4972.019	2.692	3.381
237.886	1.001	14.790						
11/15/2016 11:45:00 AM	481500.000	25.870	16.909	58.965	4203.625	4972.042	2.692	3.381
237.890	1.001	14.787						
11/15/2016 12:00:00 PM	482400.000	25.864	16.909	58.951	4203.763	4972.146	2.693	3.381
237.882	1.001	14.787						
11/15/2016 12:15:00 PM	483300.000	25.869	16.909	58.964	4203.285	4971.631	2.692	3.381
237.909	1.001	14.782						
11/15/2016 12:30:00 PM	484200.000	25.867	16.908	58.958	4204.353	4972.913	2.693	3.382
237.849	1.001	14.778						
11/15/2016 12:45:00 PM	485100.000	25.869	16.908	58.964	4204.122	4972.650	2.693	3.381
237.862	1.001	14.775						
11/15/2016 1:00:00 PM	486000.000	25.871	16.908	58.969	4204.375	4973.009	2.693	3.382
237.847	1.001	14.773						
11/15/2016 1:15:00 PM	486900.000	25.875	16.909	58.977	4204.566	4973.116	2.693	3.382
237.837	1.001	14.768						
11/15/2016 1:30:00 PM	487800.000	25.873	16.908	58.974	4205.138	4973.861	2.693	3.382
237.804	1.001	14.766						
11/15/2016 1:45:00 PM	488700.000	25.875	16.908	58.976	4205.359	4974.133	2.694	3.382
237.792	1.001	14.768						
11/15/2016 2:00:00 PM	489600.000	25.860	16.908	58.943	4205.590	4974.386	2.694	3.383
237.779	1.001	14.771						
11/15/2016 2:15:00 PM	490500.000	25.868	16.909	58.961	4205.569	4974.342	2.694	3.383
237.780	1.001	14.762						
11/15/2016 2:30:00 PM	491400.000	25.872	16.908	58.971	4206.285	4975.198	2.694	3.383
237.739	1.001	14.764						
11/15/2016 2:45:00 PM	492300.000	25.871	16.909	58.969	4206.254	4975.152	2.694	3.383
237.741	1.001	14.764						
11/15/2016 3:00:00 PM	493200.000	25.866	16.908	58.958	4206.976	4976.035	2.695	3.384
237.700	1.001	14.766						
11/15/2016 3:15:00 PM	494100.000	25.874	16.909	58.975	4206.631	4975.598	2.694	3.383
237.720	1.001	14.759						
11/15/2016 3:30:00 PM	495000.000	25.872	16.909	58.971	4206.256	4975.145	2.694	3.383
237.741	1.001	14.762						
11/15/2016 3:45:00 PM	495900.000	25.868	16.909	58.961	4206.159	4975.020	2.694	3.383
237.747	1.001	14.763						
11/15/2016 4:00:00 PM	496800.000	25.866	16.908	58.957	4206.120	4975.003	2.694	3.383
237.749	1.001	14.765						
11/15/2016 4:15:00 PM	497700.000	25.864	16.908	58.952	4205.778	4974.608	2.694	3.383
237.768	1.001	14.767						
11/15/2016 4:30:00 PM	498600.000	25.868	16.909	58.960	4205.385	4974.115	2.694	3.382
237.790	1.001	14.767						
11/15/2016 4:45:00 PM	499500.000	25.872	16.909	58.971	4205.391	4974.062	2.694	3.382
237.790	1.001	14.765						
11/15/2016 5:00:00 PM	500400.000	25.873	16.909	58.973	4205.351	4974.044	2.694	3.382
237.792	1.001	14.760						
11/15/2016 5:15:00 PM	501300.000	25.863	16.908	58.950	4205.064	4973.765	2.693	3.382
237.808	1.001	14.769						

11/15/2016 5:30:00 PM	502200.000	25.864	16.909	58.953	4204.530	4973.093	2.693	3.382
237.839	1.001	14.768						
11/15/2016 5:45:00 PM	503100.000	25.868	16.909	58.962	4204.059	4972.516	2.693	3.381
237.865	1.001	14.766						
11/15/2016 6:00:00 PM	504000.000	25.868	16.909	58.961	4204.487	4972.973	2.693	3.382
237.841	1.001	14.764						
11/15/2016 6:15:00 PM	504900.000	25.866	16.908	58.957	4204.662	4973.278	2.693	3.382
237.831	1.001	14.769						
11/15/2016 6:30:00 PM	505800.000	25.870	16.910	58.966	4203.783	4972.101	2.692	3.381
237.881	1.001	14.764						
11/15/2016 6:45:00 PM	506700.000	25.863	16.909	58.951	4204.329	4972.866	2.693	3.382
237.850	1.001	14.772						
11/15/2016 7:00:00 PM	507600.000	25.867	16.909	58.959	4204.117	4972.584	2.693	3.381
237.862	1.001	14.767						
11/15/2016 7:15:00 PM	508500.000	25.866	16.909	58.956	4204.022	4972.423	2.693	3.381
237.867	1.001	14.771						
11/15/2016 7:30:00 PM	509400.000	25.862	16.909	58.947	4203.866	4972.269	2.693	3.381
237.876	1.001	14.771						
11/15/2016 7:45:00 PM	510300.000	25.870	16.909	58.966	4202.822	4971.043	2.692	3.380
237.935	1.001	14.768						
11/15/2016 8:00:00 PM	511200.000	25.870	16.909	58.966	4203.494	4971.808	2.692	3.381
237.897	1.001	14.766						
11/15/2016 8:15:00 PM	512100.000	25.857	16.909	58.936	4203.017	4971.283	2.692	3.380
237.924	1.001	14.775						
11/15/2016 8:30:00 PM	513000.000	25.855	16.909	58.932	4202.975	4971.244	2.692	3.380
237.927	1.001	14.774						
11/15/2016 8:45:00 PM	513900.000	25.861	16.909	58.946	4202.555	4970.737	2.692	3.380
237.950	1.001	14.779						
11/15/2016 9:00:00 PM	514800.000	25.864	16.909	58.952	4203.012	4971.258	2.692	3.380
237.925	1.001	14.770						
11/15/2016 9:15:00 PM	515700.000	25.855	16.909	58.932	4202.945	4971.159	2.692	3.380
237.928	1.001	14.782						
11/15/2016 9:30:00 PM	516600.000	25.869	16.909	58.963	4203.175	4971.412	2.692	3.381
237.915	1.001	14.775						
11/15/2016 9:45:00 PM	517500.000	25.862	16.909	58.948	4202.346	4970.460	2.692	3.380
237.962	1.001	14.781						
11/15/2016 10:00:00 PM	518400.000	25.862	16.910	58.948	4202.421	4970.461	2.692	3.380
237.958	1.001	14.780						
11/15/2016 10:15:00 PM	519300.000	25.859	16.909	58.941	4202.558	4970.682	2.692	3.380
237.950	1.001	14.783						
11/15/2016 10:30:00 PM	520200.000	25.862	16.910	58.947	4201.930	4969.901	2.691	3.380
237.986	1.001	14.782						
11/15/2016 10:45:00 PM	521100.000	25.860	16.909	58.943	4201.714	4969.723	2.691	3.379
237.998	1.001	14.786						
11/15/2016 11:00:00 PM	522000.000	25.862	16.909	58.948	4201.458	4969.430	2.691	3.379
238.013	1.001	14.780						
11/15/2016 11:15:00 PM	522900.000	25.849	16.910	58.919	4201.404	4969.279	2.691	3.379
238.016	1.001	14.788						
11/15/2016 11:30:00 PM	523800.000	25.863	16.910	58.949	4201.883	4969.865	2.691	3.380
237.989	1.001	14.778						
11/15/2016 11:45:00 PM	524700.000	25.856	16.909	58.934	4201.430	4969.397	2.691	3.379
238.014	1.001	14.783						
11/16/2016 12:00:00 AM	525600.000	25.864	16.909	58.952	4201.870	4969.897	2.691	3.380
237.989	1.001	14.777						
11/16/2016 12:15:00 AM	526500.000	25.860	16.909	58.943	4202.028	4970.044	2.691	3.380
237.980	1.001	14.780						
11/16/2016 12:30:00 AM	527400.000	25.864	16.909	58.951	4201.703	4969.670	2.691	3.379
237.999	1.001	14.778						
11/16/2016 12:45:00 AM	528300.000	25.860	16.910	58.942	4201.090	4968.927	2.691	3.379
238.033	1.001	14.780						
11/16/2016 1:00:00 AM	529200.000	25.862	16.909	58.947	4202.010	4970.043	2.691	3.380
237.981	1.001	14.780						
11/16/2016 1:15:00 AM	530100.000	25.863	16.909	58.950	4202.047	4970.136	2.691	3.380
237.979	1.001	14.779						
11/16/2016 1:30:00 AM	531000.000	25.865	16.910	58.953	4202.460	4970.528	2.692	3.380
237.956	1.001	14.775						
11/16/2016 1:45:00 AM	531900.000	25.870	16.909	58.966	4202.084	4970.161	2.691	3.380
237.977	1.001	14.772						
11/16/2016 2:00:00 AM	532800.000	25.854	16.909	58.930	4201.561	4969.521	2.691	3.379
238.007	1.001	14.779						
11/16/2016 2:15:00 AM	533700.000	25.861	16.909	58.945	4201.892	4969.884	2.691	3.380
237.988	1.001	14.779						
11/16/2016 2:30:00 AM	534600.000	25.862	16.909	58.949	4201.712	4969.682	2.691	3.379
237.998	1.001	14.777						
11/16/2016 2:45:00 AM	535500.000	25.866	16.909	58.958	4201.683	4969.676	2.691	3.379
238.000	1.001	14.774						
11/16/2016 3:00:00 AM	536400.000	25.866	16.910	58.957	4201.752	4969.710	2.691	3.379
237.996	1.001	14.771						
11/16/2016 3:15:00 AM	537300.000	25.863	16.909	58.949	4201.553	4969.494	2.691	3.379
238.007	1.001	14.775						
11/16/2016 3:30:00 AM	538200.000	25.863	16.909	58.950	4202.339	4970.423	2.692	3.380
237.963	1.001	14.777						
11/16/2016 3:45:00 AM	539100.000	25.869	16.909	58.963	4201.540	4969.527	2.691	3.379
238.008	1.001	14.772						
11/16/2016 4:00:00 AM	540000.000	25.863	16.909	58.950	4202.003	4970.045	2.691	3.380
237.982	1.001	14.774						
11/16/2016 4:15:00 AM	540900.000	25.870	16.909	58.966	4202.123	4970.196	2.691	3.380
237.975	1.001	14.769						
11/16/2016 4:30:00 AM	541800.000	25.861	16.910	58.945	4201.944	4969.877	2.691	3.380
237.985	1.001	14.776						
11/16/2016 4:45:00 AM	542700.000	25.861	16.909	58.946	4201.741	4969.735	2.691	3.379
237.997	1.001	14.777						
11/16/2016 5:00:00 AM	543600.000	25.864	16.910	58.953	4202.382	4970.396	2.691	3.380
237.960	1.001	14.774						
11/16/2016 5:15:00 AM	544500.000	25.869	16.909	58.963	4202.180	4970.264	2.691	3.380
237.972	1.001	14.768						
11/16/2016 5:30:00 AM	545400.000	25.863	16.910	58.950	4202.718	4970.833	2.692	3.380
237.941	1.001	14.774						
11/16/2016 5:45:00 AM	546300.000	25.871	16.909	58.967	4202.935	4971.117	2.692	3.380
237.929	1.001	14.770						
11/16/2016 6:00:00 AM	547200.000	25.872	16.909	58.970	4202.552	4970.684	2.692	3.380
237.951	1.001	14.765						
11/16/2016 6:15:00 AM	548100.000	25.867	16.910	58.959	4202.244	4970.261	2.691	3.380
237.968	1.001	14.767						
11/16/2016 6:30:00 AM	549000.000	25.855	16.910	58.931	4202.391	4970.454	2.692	3.380
237.960	1.001	14.779						
11/16/2016 6:45:00 AM	549900.000	25.859	16.910	58.941	4202.189	4970.216	2.691	3.380
237.971	1.001	14.778						
11/16/2016 7:00:00 AM	550800.000	25.866	16.909	58.957	4202.333	4970.474	2.692	3.380
237.963	1.001	14.771						
11/16/2016 7:15:00 AM	551700.000	25.864	16.910	58.952	4202.590	4970.701	2.692	3.380
237.948	1.001	14.778						
11/16/2016 7:30:00 AM	552600.000	25.855	16.909	58.930	4202.289	4970.383	2.691	3.380
237.966	1.001	14.784						
11/16/2016 7:45:00 AM	553500.000	25.865	16.910	58.953	4201.972	4969.950	2.691	3.380
237.983	1.001	14.782						
11/16/2016 8:00:00 AM	554400.000	25.864	16.909	58.951	4201.969	4969.985	2.691	3.380
237.984	1.001	14.786						
11/16/2016 8:15:00 AM	555300.000	25.859	16.909	58.940	4201.879	4969.918	2.691	3.380
237.989	1.001	14.790						
11/16/2016 8:30:00 AM	556200.000	25.861	16.910	58.945	4201.632	4969.548	2.691	3.379
238.003	1.001	14.788						
11/16/2016 8:45:00 AM	557100.000	25.861	16.910	58.946	4201.167	4968.998	2.691	3.379
238.029	1.001	14.787						
11/16/2016 9:00:00 AM	558000.000	25.861	16.910	58.945	4200.606	4968.323	2.690	3.378
238.061	1.001	14.786						
11/16/2016 9:15:00 AM	558900.000	25.866	16.909	58.957	4200.256	4968.009	2.690	3.378
238.081	1.001	14.781						
11/16/2016 9:30:00 AM	559800.000	25.857	16.910	58.936	4200.293	4967.984	2.690	3.378
238.079	1.001	14.790						
11/16/2016 9:45:00 AM	560700.000	25.860	16.909	58.943	4201.111	4968.959	2.691	3.379
238.032	1.001	14.786						
11/16/2016 10:00:00 AM	561600.000	25.863	16.910	58.950	4200.769	4968.527	2.690	3.379

238.052	1.001	14.789						
11/16/2016 10:15:00 AM	562500.000	25.867	16.910	58.959	4200.478	4968.203	2.690	3.378
238.068	1.001	14.784						
11/16/2016 10:30:00 AM	563400.000	25.862	16.910	58.948	4200.972	4968.787	2.691	3.379
238.040	1.001	14.785						
11/16/2016 10:45:00 AM	564300.000	25.863	16.910	58.950	4201.366	4969.214	2.691	3.379
238.018	1.001	14.783						
11/16/2016 11:00:00 AM	565200.000	25.868	16.910	58.962	4201.155	4968.964	2.691	3.379
238.030	1.001	14.780						
11/16/2016 11:15:00 AM	566100.000	25.856	16.909	58.934	4201.067	4968.997	2.691	3.379
238.035	1.001	14.788						
11/16/2016 11:30:00 AM	567000.000	25.863	16.910	58.949	4201.114	4968.924	2.691	3.379
238.032	1.001	14.781						
11/16/2016 11:45:00 AM	567900.000	25.862	16.910	58.948	4200.876	4968.604	2.690	3.379
238.046	1.001	14.777						
11/16/2016 12:00:00 PM	568800.000	25.862	16.910	58.948	4201.788	4969.701	2.691	3.379
237.994	1.001	14.775						
11/16/2016 12:15:00 PM	569700.000	25.867	16.909	58.960	4201.824	4969.823	2.691	3.379
237.992	1.001	14.766						
11/16/2016 12:30:00 PM	570600.000	25.861	16.909	58.945	4202.337	4970.471	2.692	3.380
237.963	1.001	14.773						
11/16/2016 12:45:00 PM	571500.000	25.864	16.909	58.953	4201.796	4969.790	2.691	3.379
237.993	1.001	14.769						
11/16/2016 1:00:00 PM	572400.000	25.864	16.909	58.952	4201.855	4969.879	2.691	3.380
237.990	1.001	14.764						
11/16/2016 1:15:00 PM	573300.000	25.867	16.910	58.959	4202.152	4970.183	2.691	3.380
237.973	1.001	14.766						
11/16/2016 1:30:00 PM	574200.000	25.870	16.910	58.966	4203.146	4971.320	2.692	3.380
237.917	1.001	14.755						
11/16/2016 1:45:00 PM	575100.000	25.866	16.909	58.956	4202.738	4970.945	2.692	3.380
237.940	1.001	14.756						
11/16/2016 2:00:00 PM	576000.000	25.869	16.909	58.964	4203.525	4971.885	2.692	3.381
237.896	1.001	14.755						
11/16/2016 2:15:00 PM	576900.000	25.863	16.909	58.949	4203.011	4971.237	2.692	3.380
237.925	1.001	14.758						
11/16/2016 2:30:00 PM	577800.000	25.867	16.908	58.958	4203.600	4972.042	2.692	3.381
237.891	1.001	14.754						
11/16/2016 2:45:00 PM	578700.000	25.868	16.909	58.962	4203.843	4972.291	2.693	3.381
237.878	1.001	14.752						
11/16/2016 3:00:00 PM	579600.000	25.868	16.909	58.962	4204.099	4972.603	2.693	3.381
237.863	1.001	14.754						
11/16/2016 3:15:00 PM	580500.000	25.867	16.909	58.959	4203.901	4972.320	2.693	3.381
237.874	1.001	14.756						
11/16/2016 3:30:00 PM	581400.000	25.866	16.909	58.956	4204.372	4972.877	2.693	3.382
237.848	1.001	14.755						
11/16/2016 3:45:00 PM	582300.000	25.869	16.909	58.963	4204.492	4972.979	2.693	3.382
237.841	1.001	14.755						
11/16/2016 4:00:00 PM	583200.000	25.865	16.909	58.953	4204.162	4972.598	2.693	3.381
237.860	1.001	14.755						
11/16/2016 4:15:00 PM	584100.000	25.871	16.909	58.969	4204.440	4972.908	2.693	3.382
237.844	1.001	14.756						
11/16/2016 4:30:00 PM	585000.000	25.869	16.910	58.964	4203.390	4971.636	2.692	3.381
237.903	1.001	14.756						
11/16/2016 4:45:00 PM	585900.000	25.865	16.909	58.953	4203.282	4971.578	2.692	3.381
237.909	1.001	14.756						
11/16/2016 5:00:00 PM	586800.000	25.867	16.910	58.960	4203.734	4972.054	2.692	3.381
237.884	1.001	14.754						
11/16/2016 5:15:00 PM	587700.000	25.867	16.909	58.959	4203.054	4971.278	2.692	3.380
237.922	1.001	14.757						
11/16/2016 5:30:00 PM	588600.000	25.867	16.910	58.960	4203.218	4971.394	2.692	3.381
237.913	1.001	14.761						
11/16/2016 5:45:00 PM	589500.000	25.869	16.909	58.963	4202.795	4970.982	2.692	3.380
237.937	1.001	14.761						
11/16/2016 6:00:00 PM	590400.000	25.862	16.910	58.947	4202.481	4970.552	2.692	3.380
237.955	1.001	14.769						
11/16/2016 6:15:00 PM	591300.000	25.864	16.909	58.953	4202.055	4970.086	2.691	3.380
237.979	1.001	14.765						
11/16/2016 6:30:00 PM	592200.000	25.863	16.909	58.950	4202.313	4970.392	2.691	3.380
237.964	1.001	14.767						
11/16/2016 6:45:00 PM	593100.000	25.863	16.909	58.949	4202.084	4970.142	2.691	3.380
237.977	1.001	14.767						
11/16/2016 7:00:00 PM	594000.000	25.861	16.909	58.946	4202.106	4970.137	2.691	3.380
237.976	1.001	14.768						
11/16/2016 7:15:00 PM	594900.000	25.866	16.910	58.957	4201.462	4969.308	2.691	3.379
238.012	1.001	14.763						
11/16/2016 7:30:00 PM	595800.000	25.861	16.910	58.945	4201.797	4969.763	2.691	3.379
237.993	1.001	14.771						
11/16/2016 7:45:00 PM	596700.000	25.855	16.910	58.932	4201.636	4969.473	2.691	3.379
238.003	1.001	14.772						
11/16/2016 8:00:00 PM	597600.000	25.857	16.910	58.936	4201.559	4969.450	2.691	3.379
238.007	1.001	14.772						
11/16/2016 8:15:00 PM	598500.000	25.869	16.910	58.964	4201.417	4969.254	2.691	3.379
238.015	1.001	14.765						
11/16/2016 8:30:00 PM	599400.000	25.860	16.910	58.943	4201.372	4969.210	2.691	3.379
238.017	1.001	14.773						
11/16/2016 8:45:00 PM	600300.000	25.866	16.910	58.957	4201.223	4969.053	2.691	3.379
238.026	1.001	14.769						
11/16/2016 9:00:00 PM	601200.000	25.864	16.910	58.952	4201.063	4968.796	2.691	3.379
238.035	1.001	14.773						
11/16/2016 9:15:00 PM	602100.000	25.861	16.910	58.946	4200.778	4968.499	2.690	3.379
238.051	1.001	14.774						
11/16/2016 9:30:00 PM	603000.000	25.860	16.910	58.943	4200.928	4968.665	2.691	3.379
238.043	1.001	14.776						
11/16/2016 9:45:00 PM	603900.000	25.870	16.910	58.966	4200.644	4968.359	2.690	3.378
238.059	1.001	14.773						
11/16/2016 10:00:00 PM	604800.000	25.858	16.910	58.939	4200.857	4968.592	2.690	3.379
238.047	1.001	14.778						
11/16/2016 10:15:00 PM	605700.000	25.861	16.910	58.944	4200.512	4968.153	2.690	3.378
238.066	1.001	14.778						
11/16/2016 10:30:00 PM	606600.000	25.866	16.910	58.956	4200.889	4968.658	2.690	3.379
238.045	1.001	14.775						
11/16/2016 10:45:00 PM	607500.000	25.858	16.911	58.939	4201.159	4968.879	2.691	3.379
238.030	1.001	14.774						
11/16/2016 11:00:00 PM	608400.000	25.865	16.910	58.955	4200.890	4968.620	2.690	3.379
238.045	1.001	14.772						
11/16/2016 11:15:00 PM	609300.000	25.867	16.910	58.959	4200.817	4968.604	2.690	3.379
238.049	1.001	14.773						
11/16/2016 11:30:00 PM	610200.000	25.863	16.911	58.949	4200.782	4968.443	2.690	3.379
238.051	1.001	14.773						
11/16/2016 11:45:00 PM	611100.000	25.864	16.910	58.953	4201.053	4968.804	2.691	3.379
238.036	1.001	14.774						

Report Date: 11/18/2016 8:38:05 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP TSW Trans 2_2016-11-17_10-40-05-119.wsl
Create Date: 11/17/2016 10:40:02 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: 723
Sensors: 1
1 - 396433: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		
Sensor: PCTD(G) 231ft						
	Elapsed Time	SN#: 396433		SN#: 396433		
SN#: 396433		SN#: 396433		SN#: 396433		
SN#: 396433		SN#: 396433		SN#: 396433		
SN#: 396433						
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)						
---	---	---	---	---	---	---
11/10/2016 12:00:00 AM	7200.000	10.893	16.370	24.538	37923.359	45408.523
29.525	30.878	26.369	1.021			
11/10/2016 12:15:00 AM	8100.000	11.020	16.372	24.823	37866.992	45338.477
29.474	30.830	26.408	1.021			
11/10/2016 12:30:00 AM	9000.000	10.944	16.366	24.653	39739.113	47586.309
31.105	32.359	25.164	1.023			
11/10/2016 12:45:00 AM	9900.000	10.801	16.368	24.330	39747.160	47594.129
31.110	32.364	25.159	1.023			
11/10/2016 1:00:00 AM	10800.000	11.204	16.367	25.239	39763.102	47613.879
31.125	32.377	25.149	1.023			
11/10/2016 1:15:00 AM	11700.000	11.303	16.370	25.462	39838.398	

47700.590	31.188	32.436	25.101	1.023	
11/10/2016 1:30:00 AM	12600.000	11.375	16.369	25.622	39846.406
47711.324	31.196	32.444	25.096	1.023	
11/10/2016 1:45:00 AM	13500.000	11.364	16.367	25.599	39819.109
47681.336	31.174	32.423	25.114	1.023	
11/10/2016 2:00:00 AM	14400.001	11.423	16.365	25.733	39785.426
47643.113	31.146	32.397	25.135	1.023	
11/10/2016 2:15:00 AM	15300.000	11.376	16.368	25.626	39840.398
47705.277	31.191	32.440	25.100	1.023	
11/10/2016 2:30:00 AM	16200.000	11.290	16.368	25.432	39846.027
47712.594	31.197	32.445	25.097	1.023	
11/10/2016 2:45:00 AM	17100.000	11.397	16.367	25.672	39841.746
47707.961	31.193	32.441	25.099	1.023	
11/10/2016 3:00:00 AM	18000.000	11.447	16.366	25.785	39820.652
47684.039	31.176	32.425	25.113	1.023	
11/10/2016 3:15:00 AM	18900.000	11.438	16.365	25.764	39868.672
47742.801	31.218	32.465	25.082	1.023	
11/10/2016 3:30:00 AM	19800.000	11.443	16.362	25.775	39848.637
47722.266	31.203	32.451	25.095	1.023	
11/10/2016 3:45:00 AM	20700.000	11.485	16.361	25.872	39824.344
47693.656	31.182	32.432	25.110	1.023	
11/10/2016 4:00:00 AM	21600.000	11.455	16.373	25.804	39640.109
47460.492	31.013	32.273	25.227	1.023	
11/10/2016 4:15:00 AM	22500.000	11.465	16.373	25.826	39777.570
47625.539	31.134	32.385	25.140	1.023	
11/10/2016 4:30:00 AM	23400.000	11.563	16.371	26.047	39776.027
47625.047	31.133	32.385	25.141	1.023	
11/10/2016 4:45:00 AM	24300.000	11.623	16.373	26.181	39729.824
47568.188	31.092	32.346			

25.170	1.023		
11/10/2016 5:00:00 AM	25200.000	11.503	
16.373	25.912	39816.559	
47672.125	31.167	32.417	
25.115	1.023		
11/10/2016 5:15:00 AM	26100.000	11.452	
16.368	25.797	39825.863	
47687.785	31.179	32.428	
25.109	1.023		
11/10/2016 5:30:00 AM	27000.001	11.612	
16.372	26.157	39878.270	
47747.078	31.222	32.468	
25.076	1.023		
11/10/2016 5:45:00 AM	27900.000	11.576	
16.371	26.076	39812.988	
47669.492	31.165	32.415	
25.117	1.023		
11/10/2016 6:00:00 AM	28800.000	11.526	
16.366	25.964	39808.871	
47669.934	31.165	32.416	
25.120	1.023		
11/10/2016 6:15:00 AM	29700.000	11.694	
16.367	26.341	39858.613	
47728.355	31.208	32.455	
25.089	1.023		
11/10/2016 6:30:00 AM	30600.000	11.526	
16.366	25.963	39776.496	
47631.164	31.137	32.389	
25.140	1.023		
11/10/2016 6:45:00 AM	31500.000	11.723	
16.366	26.406	39852.375	
47722.711	31.204	32.451	
25.093	1.023		
11/10/2016 7:00:00 AM	32400.000	11.706	
16.365	26.370	39833.293	
47700.336	31.188	32.436	
25.105	1.023		
11/10/2016 7:15:00 AM	33300.000	11.693	
16.374	26.340	39686.516	
47514.613	31.053	32.310	
25.197	1.023		
11/10/2016 7:30:00 AM	34200.000	11.719	
16.369	26.397	39735.039	
47578.074	31.099	32.353	
25.167	1.023		
11/10/2016 7:45:00 AM	35100.000	11.853	
16.374	26.700	39778.156	
47624.809	31.133	32.385	
25.139	1.023		
11/10/2016 8:00:00 AM	36000.000	11.890	
16.376	26.784	39787.625	
47634.125	31.140	32.391	
25.133	1.023		
11/10/2016 8:15:00 AM	36900.000	11.998	
16.378	27.027	39786.301	
47629.949	31.137	32.388	
25.134	1.023		

11/10/2016 8:30:00 AM	37800.000	12.132	16.379	27.328	39749.289
47584.879	31.104	32.358	25.158	1.023	
11/10/2016 8:45:00 AM	38700.000	12.189	16.379	27.458	39733.016
47564.723	31.090	32.344	25.168	1.023	
11/10/2016 9:00:00 AM	39600.000	12.211	16.376	27.507	39707.609
47538.328	31.070	32.326	25.184	1.023	
11/10/2016 9:15:00 AM	40500.000	12.289	16.371	27.681	39755.113
47600.676	31.115	32.368	25.154	1.023	
11/10/2016 9:30:00 AM	41400.000	12.241	16.386	27.574	39662.738
47473.711	31.024	32.282	25.213	1.023	
11/10/2016 9:45:00 AM	42300.000	12.251	16.383	27.597	39761.754
47595.484	31.112	32.365	25.150	1.023	
11/10/2016 10:00:00 AM	43200.000	12.095	16.378	27.245	39776.258
47617.926	31.128	32.380	25.141	1.023	
11/10/2016 10:15:00 AM	44100.000	12.075	16.374	27.200	39784.781
47632.641	31.139	32.390	25.135	1.023	
11/10/2016 10:30:00 AM	45000.000	11.970	16.363	26.963	39782.141
47641.484	31.144	32.396	25.137	1.023	
11/10/2016 10:45:00 AM	45900.000	11.868	16.353	26.734	39811.910
47687.992	31.178	32.428	25.118	1.023	
11/10/2016 11:00:00 AM	46800.000	11.658	16.345	26.260	39851.895
47744.465	31.218	32.466	25.093	1.023	
11/10/2016 11:15:00 AM	47700.000	11.540	16.342	25.995	39828.715
47719.965	31.200	32.450	25.108	1.023	
11/10/2016 11:30:00 AM	48600.000	11.503	16.342	25.912	39823.977
47713.898	31.196	32.445	25.111	1.023	
11/10/2016 11:45:00 AM	49500.000	11.473	16.365	25.843	39785.586
47642.820	31.146	32.397	25.135	1.023	
11/10/2016 12:00:00 PM	50400.000	11.378			

16.364	25.629	39828.582	47696.141	31.184
32.433	25.108	1.023		
11/10/2016 12:15:00 PM	51300.000	11.368	16.361	25.607
39846.012	47720.480	31.202	32.450	25.097
1.023				
11/10/2016 12:30:00 PM	52200.000	11.340	16.362	25.544
39915.055	47801.340	31.261	32.505	25.053
1.023				
11/10/2016 12:45:00 PM	53100.000	11.303	16.362	25.462
39851.473	47725.570	31.206	32.453	25.093
1.023				
11/10/2016 1:00:00 PM	54000.000	11.268	16.367	25.381
39712.188	47552.824	31.080	32.336	25.181
1.023				
11/10/2016 1:15:00 PM	54900.000	11.230	16.369	25.296
39790.313	47645.035	31.147	32.399	25.132
1.023				
11/10/2016 1:30:00 PM	55800.000	11.139	16.368	25.093
39753.680	47601.352	31.116	32.369	25.155
1.023				
11/10/2016 1:45:00 PM	56700.000	11.198	16.366	25.224
39752.352	47602.160	31.116	32.369	25.156
1.023				
11/10/2016 2:00:00 PM	57600.000	11.139	16.367	25.091
39794.629	47652.504	31.153	32.404	25.129
1.023				
11/10/2016 2:15:00 PM	58500.000	11.187	16.364	25.200
39804.719	47666.883	31.163	32.413	25.123
1.023				
11/10/2016 2:30:00 PM	59400.000	11.202	16.365	25.234
39802.680	47663.676	31.161	32.411	25.124
1.023				
11/10/2016 2:45:00 PM	60300.000	11.112	16.365	25.030
39794.383	47654.133	31.154	32.405	25.129
1.023				
11/10/2016 3:00:00 PM	61200.000	11.025	16.367	24.835
39767.461	47619.488	31.129	32.381	25.146
1.023				
11/10/2016 3:15:00 PM	62100.000	11.100	16.366	25.004
39772.020	47625.996	31.133	32.386	25.143
1.023				
11/10/2016 3:30:00 PM	63000.000	11.194	16.365	25.216
39785.188				

47642.828	31.146	32.397	25.135	1.023
11/10/2016 3:45:00 PM	63900.000	11.189	16.365	25.205
39782.000	47639.395	31.143	32.395	25.137
1.023	11/10/2016 4:00:00 PM	64800.000	11.195	16.366
25.218	39807.316	47668.555	31.164	32.415
25.121	1.023	11/10/2016 4:15:00 PM	65700.000	11.209
16.366	25.250	39712.645	47554.703	31.082
32.337	25.181	1.023	11/10/2016 4:30:00 PM	66600.000
11.258	16.366	25.359	39779.785	47635.293
31.140	32.392	25.138	1.023	11/10/2016 4:45:00 PM
67500.000	11.268	16.368	25.383	39762.402
47611.887	31.123	32.376	25.149	1.023
11/10/2016 5:00:00 PM	68400.000	11.180	16.366	25.185
39763.000	47615.195	31.126	32.378	25.149
1.023	11/10/2016 5:15:00 PM	69300.000	11.236	16.365
25.311	39758.922	47611.184	31.123	32.376
25.152	1.023	11/10/2016 5:30:00 PM	70200.000	11.217
16.368	25.268	39730.211	47573.832	31.096
32.350	25.170	1.023	11/10/2016 5:45:00 PM	71100.000
11.258	16.367	25.361	39756.715	47606.340
31.119	32.372	25.153	1.023	11/10/2016 6:00:00 PM
72000.000	11.308	16.367	25.473	39743.391
47590.941	31.108	32.362	25.161	1.023
11/10/2016 6:15:00 PM	72900.000	11.262	16.367	25.369
39765.883	47617.316	31.127	32.380	25.147
1.023	11/10/2016 6:30:00 PM	73800.000	11.261	16.366
25.366	39731.309	47577.055	31.098	32.352
25.169	1.023	11/10/2016 6:45:00 PM	74700.000	11.297
16.367	25.449	39759.527	47610.082	31.122
32.375	25.151	1.023	11/10/2016 7:00:00 PM	75600.000
11.281	16.367	25.411	39737.844	47584.023
31.103	32.357

25.165	1.023		
11/10/2016 7:15:00 PM	76500.000	11.323	
16.367	25.506	39722.477	
47565.434	31.089	32.344	
25.175	1.023		
11/10/2016 7:30:00 PM	77400.000	11.297	
16.368	25.449	39756.695	
47605.445	31.119	32.372	
25.153	1.023		
11/10/2016 7:45:00 PM	78300.000	11.235	
16.367	25.307	39775.715	
47629.855	31.136	32.388	
25.141	1.023		
11/10/2016 8:00:00 PM	79200.000	11.323	
16.367	25.505	39743.340	
47590.125	31.107	32.361	
25.161	1.023		
11/10/2016 8:15:00 PM	80100.000	11.209	
16.367	25.249	39713.484	
47554.945	31.082	32.337	
25.180	1.023		
11/10/2016 8:30:00 PM	81000.000	11.280	
16.367	25.408	39730.594	
47574.953	31.096	32.351	
25.170	1.023		
11/10/2016 8:45:00 PM	81900.000	11.169	
16.366	25.160	39751.355	
47601.449	31.116	32.369	
25.156	1.023		
11/10/2016 9:00:00 PM	82800.000	11.185	
16.365	25.195	39700.398	
47541.004	31.071	32.328	
25.189	1.023		
11/10/2016 9:15:00 PM	83700.000	11.138	
16.362	25.090	39672.008	
47510.457	31.049	32.307	
25.207	1.023		
11/10/2016 9:30:00 PM	84600.000	11.120	
16.357	25.049	39706.633	
47557.953	31.083	32.339	
25.185	1.023		
11/10/2016 9:45:00 PM	85500.000	11.030	
16.351	24.845	39679.902	
47531.895	31.064	32.322	
25.202	1.023		
11/10/2016 10:00:00 PM	86400.000	11.060	
16.355	24.914	39710.188	
47564.328	31.088	32.344	
25.182	1.023		
11/10/2016 10:15:00 PM	87300.000	10.913	
16.351	24.582	39596.984	
47432.566	30.992	32.254	
25.254	1.023		
11/10/2016 10:30:00 PM	88200.000	10.878	
16.353	24.504	39630.719	
47471.047	31.020	32.280	
25.233	1.023		

11/10/2016 10:45:00 PM	89100.000	10.891	16.336	24.534	39843.750
47744.426	31.218	32.466	25.098	1.023	
11/10/2016 11:00:00 PM	90000.000	10.760	16.351	24.238	39774.719
47645.668	31.147	32.399	25.142	1.023	
11/10/2016 11:15:00 PM	90900.000	10.763	16.360	24.245	39716.922
47566.168	31.089	32.345	25.178	1.023	
11/10/2016 11:30:00 PM	91800.000	10.756	16.364	24.230	37769.820
45230.605	29.396	30.757	26.476	1.021	
11/10/2016 11:45:00 PM	92700.000	10.685	16.363	24.069	37460.633
44861.246	29.129	30.506	26.695	1.021	
11/11/2016 12:00:00 AM	93600.000	10.597	16.362	23.871	37445.281
44844.129	29.117	30.494	26.706	1.021	
11/11/2016 12:15:00 AM	94500.000	10.525	16.364	23.709	37467.250
44867.996	29.134	30.510	26.690	1.021	
11/11/2016 12:30:00 AM	95400.000	10.481	16.363	23.609	35787.805
42857.863	27.689	29.143	27.942	1.020	
11/11/2016 12:45:00 AM	96300.000	10.923	16.309	24.605	39764.285
47678.934	31.168	32.422	25.148	1.023	
11/11/2016 1:00:00 AM	97200.000	10.911	16.306	24.577	39717.594
47626.594	31.130	32.386	25.178	1.023	
11/11/2016 1:15:00 AM	98100.000	10.906	16.307	24.567	39762.023
47678.531	31.168	32.421	25.150	1.023	
11/11/2016 1:30:00 AM	99000.000	10.966	16.306	24.702	39795.418
47719.824	31.198	32.449	25.129	1.023	
11/11/2016 1:45:00 AM	99900.000	10.956	16.317	24.678	39739.012
47639.680	31.140	32.395	25.164	1.023	
11/11/2016 2:00:00 AM	100800.000	10.851	16.321	24.442	39775.348
47679.293	31.169	32.422	25.141	1.023	
11/11/2016 2:15:00 AM	101700.000	10.920			

16.329	24.597	39733.293
47619.949	31.127	32.382
25.168	1.023	
11/11/2016 2:30:00 AM	102600.000	10.881
16.334	24.510	39749.438
47634.098	31.137	32.391
25.158	1.023	
11/11/2016 2:45:00 AM	103500.000	10.938
16.339	24.639	39732.879
47608.305	31.119	32.374
25.168	1.023	
11/11/2016 3:00:00 AM	104400.000	10.911
16.343	24.577	39753.031
47628.418	31.134	32.387
25.155	1.023	
11/11/2016 3:15:00 AM	105300.000	10.898
16.351	24.549	39721.352
47581.340	31.100	32.355
25.175	1.023	
11/11/2016 3:30:00 AM	106200.000	10.862
16.366	24.468	37287.383
44650.617	28.977	30.362
26.819	1.021	
11/11/2016 3:45:00 AM	107100.000	10.928
16.364	24.616	37241.105
44597.453	28.939	30.326
26.852	1.021	
11/11/2016 4:00:00 AM	108000.000	10.950
16.364	24.665	38306.863
45873.172	29.861	31.194
26.105	1.022	
11/11/2016 4:15:00 AM	108900.000	10.974
16.366	24.719	37140.082
44474.051	28.850	30.242
26.925	1.021	
11/11/2016 4:30:00 AM	109800.000	10.942
16.367	24.648	37378.547
44759.340	29.056	30.436
26.753	1.021	
11/11/2016 4:45:00 AM	110700.000	10.919
16.364	24.596	37764.527
45224.363	29.391	30.753
26.480	1.021	
11/11/2016 5:00:00 AM	111600.000	11.034
16.368	24.854	37516.340
44922.617	29.174	30.547
26.655	1.021	
11/11/2016 5:15:00 AM	112500.000	11.010
16.367	24.801	37199.301
44544.156	28.901	30.290
26.882	1.021	
11/11/2016 5:30:00 AM	113400.000	10.787
16.367	24.298	38010.926
45515.859	29.602	30.951
26.308	1.022	
11/11/2016 5:45:00 AM	114300.000	11.024
16.357	24.832	37884.523

45374.832	29.500	30.855	26.396	1.021
11/11/2016 6:00:00 AM	115200.000	10.938	16.356	24.640
38131.512	45672.398	29.715	31.057	26.225
1.022	11/11/2016 6:15:00 AM	116100.000	10.851	16.338
24.442	37871.086	45378.777	29.501	30.858
26.405	1.021	11/11/2016 6:30:00 AM	117000.000	10.808
16.367	24.346	37285.227	44646.961	28.975
30.360	26.820	1.021	11/11/2016 6:45:00 AM	117900.000
10.880	16.364	24.507	37712.590	45161.992
29.346	30.710	26.516	1.021	11/11/2016 7:00:00 AM
118800.000	10.956	16.363	24.678	38163.285
45703.086	29.737	31.078	26.203	1.022
11/11/2016 7:15:00 AM	119700.000	10.895	16.361	24.541
38208.906	45759.469	29.778	31.116	26.172
1.022	11/11/2016 7:30:00 AM	120600.000	11.012	16.358
24.805	37936.691	45436.570	29.544	30.897
26.360	1.021	11/11/2016 7:45:00 AM	121500.000	11.025
16.362	24.835	38326.660	45899.660	29.880
31.212	26.091	1.022	11/11/2016 8:00:00 AM	122400.000
10.914	16.365	24.584	39239.977	46989.938
30.671	31.953	25.484	1.022	11/11/2016 8:15:00 AM
123300.000	11.107	16.362	25.019	39531.332
47342.266	30.927	32.193	25.296	1.023
11/11/2016 8:30:00 AM	124200.000	11.107	16.362	25.019
39501.234	47306.418	30.901	32.168	25.316
1.023	11/11/2016 8:45:00 AM	125100.000	11.450	16.368
25.793	37380.895	44761.059	29.057	30.438
26.752	1.021	11/11/2016 9:00:00 AM	126000.000	11.505
16.367	25.916	38733.340	46381.184	30.229
31.539	25.818	1.022	11/11/2016 9:15:00 AM	126900.000
11.578	16.365	26.080	38851.828	46524.848
30.333	31.637			

25.739	1.022		
11/11/2016 9:30:00 AM	127800.000	11.572	
16.368	26.067	39449.363	
47237.539	30.851	32.122	
25.349	1.022		
11/11/2016 9:45:00 AM	128700.000	11.588	
16.367	26.104	39598.313	
47417.422	30.982	32.244	
25.254	1.023		
11/11/2016 10:00:00 AM	129600.000	11.585	
16.364	26.097	39590.852	
47411.641	30.977	32.240	
25.258	1.023		
11/11/2016 10:15:00 AM	130500.000	11.587	
16.359	26.100	39587.395	
47412.945	30.978	32.241	
25.261	1.023		
11/11/2016 10:30:00 AM	131400.000	11.509	
16.354	25.925	39627.762	
47465.793	31.016	32.277	
25.235	1.023		
11/11/2016 10:45:00 AM	132300.000	11.474	
16.363	25.847	38703.750	
46349.672	30.206	31.518	
25.837	1.022		
11/11/2016 11:00:00 AM	133200.000	11.431	
16.364	25.749	39281.176	
47040.316	30.707	31.987	
25.457	1.022		
11/11/2016 11:15:00 AM	134100.000	11.470	
16.367	25.837	39516.102	
47318.980	30.910	32.177	
25.306	1.023		
11/11/2016 11:30:00 AM	135000.000	11.476	
16.364	25.851	39584.262	
47402.980	30.971	32.234	
25.263	1.023		
11/11/2016 11:45:00 AM	135900.000	11.354	
16.364	25.576	39596.559	
47418.102	30.982	32.244	
25.255	1.023		
11/11/2016 12:00:00 PM	136800.000	11.296	
16.359	25.446	39639.508	
47474.988	31.023	32.283	
25.227	1.023		
11/11/2016 12:15:00 PM	137700.000	11.224	
16.354	25.284	39631.223	
47470.227	31.019	32.280	
25.233	1.023		
11/11/2016 12:30:00 PM	138600.000	11.199	
16.364	25.226	39502.789	
47305.703	30.900	32.168	
25.315	1.023		
11/11/2016 12:45:00 PM	139500.000	11.126	
16.362	25.063	39602.238	
47426.902	30.988	32.250	
25.251	1.023		

11/11/2016 1:00:00 PM	140400.000	10.993	16.360	24.763
39654.551	47491.941	31.035	32.295	25.218
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11/11/2016 1:15:00 PM	141300.000	10.851	16.357	24.444
39630.801	47466.645	31.017	32.277	25.233
1.023				
11/11/2016 1:30:00 PM	142200.000	10.819	16.364	24.371
37523.684	44936.121	29.183	30.557	26.650
1.021				
11/11/2016 1:45:00 PM	143100.000	10.803	16.363	24.335
37783.770	45248.219	29.409	30.769	26.466
1.021				
11/11/2016 2:00:00 PM	144000.000	10.727	16.309	24.164
39747.207	47658.457	31.153	32.408	25.159
1.023				
11/11/2016 2:15:00 PM	144900.000	10.645	16.302	23.978
39714.438	47626.379	31.130	32.386	25.180
1.023				
11/11/2016 2:30:00 PM	145800.000	10.712	16.305	24.129
39695.926	47601.477	31.112	32.369	25.192
1.023				
11/11/2016 2:45:00 PM	146700.000	10.605	16.340	23.889
39688.617	47553.926	31.079	32.337	25.196
1.023				
11/11/2016 3:00:00 PM	147600.000	10.583	16.356	23.838
39616.148	47450.449	31.005	32.266	25.242
1.023				
11/11/2016 3:15:00 PM	148500.000	10.654	16.353	23.999
39666.590	47514.215	31.051	32.310	25.210
1.023				
11/11/2016 3:30:00 PM	149400.000	10.666	16.360	24.026
38343.934	45922.477	29.896	31.227	26.080
1.022				
11/11/2016 3:45:00 PM	150300.000	10.565	16.359	23.798
38434.582	46032.156	29.975	31.302	26.018
1.022				
11/11/2016 4:00:00 PM	151200.000	10.704	16.361	24.111
38071.016	45594.051	29.658	31.004	26.267
1.022				
11/11/2016 4:15:00 PM	152100.000	10.675	16.361	24.047
36479.344	43688.215	28.284	29.708	27.413
1.021				
11/11/2016 4:30:00 PM	153000.000	10.632		

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36795.660	44063.305	28.554	29.963	27.177
1.021				
11/11/2016 5:00:00 PM	154800.000	10.683	16.364	24.065
36571.113	43795.039	28.361	29.781	27.344
1.021				
11/11/2016 5:15:00 PM	155700.000	10.804	16.365	24.337
37178.125	44521.227	28.884	30.274	26.898
1.021				
11/11/2016 5:30:00 PM	156600.000	10.755	16.305	24.226
39678.484	47580.086	31.096	32.354	25.203
1.023				
11/11/2016 5:45:00 PM	157500.000	10.900	16.309	24.552
39645.805	47537.051	31.065	32.325	25.223
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11/11/2016 6:00:00 PM	158400.000	10.786	16.310	24.296
39715.215	47618.648	31.124	32.381	25.179
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39665.656	47516.355	31.053	32.311	25.211
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11/11/2016 6:30:00 PM	160200.000	10.895	16.359	24.541
39470.184	47272.191	30.875	32.145	25.336
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11/11/2016 6:45:00 PM	161100.000	10.900	16.357	24.554
39559.348	47381.266	30.955	32.219	25.278
1.023				
11/11/2016 7:00:00 PM	162000.000	10.906	16.362	24.567
39497.957	47302.105	30.897	32.165	25.318
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11/11/2016 7:15:00 PM	162900.000	10.901	16.359	24.556
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1.022				
11/11/2016 7:30:00 PM	163800.000	10.979	16.356	24.732
37999.465	45513.324	29.600	30.949	26.316
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39373.480	47154.656	30.790	32.065	25.398
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11/11/2016 8:00:00 PM	165600.000	10.940	16.360	24.644
38304.637				

45874.668	29.861	31.195	26.107
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11/11/2016 8:15:00 PM	166500.000	10.969	16.363
24.710	37506.641	44916.074	29.169
30.543	26.662	1.021	
11/11/2016 8:30:00 PM	167400.000	10.991	16.360
24.758	38179.410	45725.078	29.753
31.093	26.192	1.022	
11/11/2016 8:45:00 PM	168300.000	10.976	16.360
24.723	38452.898	46053.156	29.991
31.316	26.006	1.022	
11/11/2016 9:00:00 PM	169200.000	10.954	16.363
24.675	35719.914	42776.898	27.631
29.088	27.996	1.020	
11/11/2016 9:15:00 PM	170100.000	11.011	16.363
24.804	36453.621	43655.383	28.261
29.686	27.432	1.020	
11/11/2016 9:30:00 PM	171000.000	10.913	16.363
24.583	36797.094	44066.273	28.556
29.965	27.176	1.021	
11/11/2016 9:45:00 PM	171900.000	10.862	16.362
24.468	37026.988	44342.828	28.755
30.153	27.007	1.021	
11/11/2016 10:00:00 PM	172800.000	10.861	16.362
24.466	36836.871	44114.793	28.591
29.998	27.147	1.021	
11/11/2016 10:15:00 PM	173700.000	10.782	16.364
24.288	36995.402	44303.395	28.727
30.126	27.030	1.021	
11/11/2016 10:30:00 PM	174600.000	10.865	16.365
24.474	36216.250	43369.453	28.056
29.491	27.612	1.020	
11/11/2016 10:45:00 PM	175500.000	10.683	16.305
24.064	39646.090	47541.051	31.068
32.328	25.223	1.023	
11/11/2016 11:00:00 PM	176400.000	10.756	16.301
24.228	39647.734	47547.344	31.072
32.332	25.222	1.023	
11/11/2016 11:15:00 PM	177300.000	10.637	16.305
23.962	39621.102	47511.668	31.046
32.308	25.239	1.023	
11/11/2016 11:30:00 PM	178200.000	10.648	16.306
23.985	39706.875	47613.648	31.121
32.377			

25.185	1.023			
11/11/2016 11:45:00 PM	179100.000	10.678		
16.344	24.053	39672.516		
47531.102	31.063	32.321		
25.206	1.023			
11/12/2016 12:00:00 AM	180000.000	10.625		
16.356	23.934	38967.633		
46673.117	30.440	31.738		
25.662	1.022			
11/12/2016 12:15:00 AM	180900.000	10.558		
16.358	23.784	39515.309		
47327.469	30.916	32.183		
25.307	1.023			
11/12/2016 12:30:00 AM	181800.000	10.567		
16.361	23.803	37244.805		
44605.301	28.944	30.332		
26.849	1.021			
11/12/2016 12:45:00 AM	182700.000	10.732		
16.358	24.175	38051.340		
45573.703	29.643	30.990		
26.280	1.022			
11/12/2016 1:00:00 AM	183600.000	10.745		
16.363	24.204	34828.383		
41709.316	26.867	28.362		
28.712	1.019			
11/12/2016 1:15:00 AM	184500.000	10.871		
16.363	24.489	36614.984		
43848.086	28.399	29.817		
27.311	1.021			
11/12/2016 1:30:00 AM	185400.000	10.805		
16.363	24.340	35691.324		
42742.395	27.606	29.065		
28.018	1.020			
11/12/2016 1:45:00 AM	186300.000	10.752		
16.363	24.219	36121.219		
43257.574	27.975	29.415		
27.685	1.020			
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42704.449	27.579	29.039		
28.043	1.020			
11/12/2016 2:15:00 AM	188100.000	10.871		
16.363	24.487	36700.301		
43950.527	28.473	29.886		
27.248	1.021			
11/12/2016 2:30:00 AM	189000.000	10.774		
16.363	24.270	35406.547		
42401.027	27.362	28.833		
28.243	1.020			
11/12/2016 2:45:00 AM	189900.000	10.777		
16.363	24.277	35998.020		
43109.609	27.869	29.315		
27.779	1.020			
11/12/2016 3:00:00 AM	190800.000	10.731		
16.363	24.172	35288.102		
42259.086	27.260	28.736		
28.338	1.020			

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41921.938	27.019	28.507	28.566	1.020	
11/12/2016 3:30:00 AM	192600.000	10.725	16.302	24.159	39660.871
47562.988	31.083	32.343	25.214	1.023	
11/12/2016 3:45:00 AM	193500.000	10.718	16.304	24.144	39715.953
47626.172	31.130	32.386	25.179	1.023	
11/12/2016 4:00:00 AM	194400.000	10.890	16.303	24.531	39674.055
47576.988	31.094	32.352	25.205	1.023	
11/12/2016 4:15:00 AM	195300.000	10.862	16.307	24.468	39642.773
47534.957	31.063	32.324	25.225	1.023	
11/12/2016 4:30:00 AM	196200.000	10.782	16.347	24.287	39646.102
47495.512	31.037	32.297	25.223	1.023	
11/12/2016 4:45:00 AM	197100.000	10.814	16.355	24.360	39616.375
47451.199	31.005	32.267	25.242	1.023	
11/12/2016 5:00:00 AM	198000.000	10.895	16.358	24.541	39470.531
47273.367	30.876	32.146	25.335	1.022	
11/12/2016 5:15:00 AM	198900.000	10.986	16.358	24.747	39548.391
47366.895	30.944	32.209	25.285	1.023	
11/12/2016 5:30:00 AM	199800.000	11.030	16.361	24.847	37765.410
45228.430	29.394	30.755	26.479	1.021	
11/12/2016 5:45:00 AM	200700.000	11.001	16.358	24.780	38489.469
46099.113	30.024	31.347	25.981	1.022	
11/12/2016 6:00:00 AM	201600.000	11.199	16.358	25.227	38951.121
46651.359	30.424	31.723	25.673	1.022	
11/12/2016 6:15:00 AM	202500.000	11.114	16.359	25.035	38142.270
45681.516	29.722	31.063	26.218	1.022	
11/12/2016 6:30:00 AM	203400.000	10.981	16.354	24.736	38863.227
46550.688	30.351	31.654	25.731	1.022	
11/12/2016 6:45:00 AM	204300.000	11.170			

16.359	25.162	39390.090
47176.164	30.806	32.080
25.387	1.022	
11/12/2016 7:00:00 AM	205200.000	11.073
16.363	24.942	36604.695
43836.648	28.391	29.809
27.319	1.021	
11/12/2016 7:15:00 AM	206100.000	10.968
16.359	24.706	37601.453
45034.340	29.254	30.623
26.595	1.021	
11/12/2016 7:30:00 AM	207000.000	11.121
16.357	25.052	37455.945
44861.422	29.129	30.506
26.698	1.021	
11/12/2016 7:45:00 AM	207900.000	11.147
16.358	25.109	38408.203
46001.781	29.953	31.281
26.036	1.022	
11/12/2016 8:00:00 AM	208800.000	11.151
16.361	25.118	35413.512
42411.848	27.369	28.840
28.238	1.020	
11/12/2016 8:15:00 AM	209700.000	11.230
16.360	25.296	37059.504
44384.008	28.785	30.181
26.984	1.021	
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16.361	25.634	37293.969
44663.914	28.987	30.371
26.814	1.021	
11/12/2016 8:45:00 AM	211500.000	11.396
16.361	25.671	37487.754
44895.449	29.154	30.529
26.675	1.021	
11/12/2016 9:00:00 AM	212400.000	11.534
16.360	25.980	38061.258
45583.652	29.651	30.997
26.273	1.022	
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16.360	26.578	38605.973
46235.664	30.123	31.440
25.903	1.022	
11/12/2016 9:30:00 AM	214200.000	11.761
16.364	26.492	38112.836
45641.297	29.693	31.036
26.238	1.022	
11/12/2016 9:45:00 AM	215100.000	11.777
16.364	26.529	38407.391
45994.488	29.948	31.276
26.037	1.022	
11/12/2016 10:00:00 AM	216000.000	11.809
16.365	26.600	39485.398
47284.121	30.885	32.153
25.326	1.023	
11/12/2016 10:15:00 AM	216900.001	11.814
16.365	26.612	39589.961

47409.336	30.976	32.238	25.259
1.023			
11/12/2016 10:30:00 AM	217800.000	11.941	16.362
26.899	39644.191	47477.332	31.025
32.285	25.224	1.023	
11/12/2016 10:45:00 AM	218700.000	11.791	16.364
26.560	39534.379	47344.105	30.928
32.194	25.294	1.023	
11/12/2016 11:00:00 AM	219600.000	11.871	16.363
26.742	39589.234	47410.086	30.976
32.239	25.259	1.023	
11/12/2016 11:15:00 AM	220500.000	11.874	16.360
26.747	39624.430	47455.480	31.009
32.270	25.237	1.023	
11/12/2016 11:30:00 AM	221400.000	11.728	16.355
26.419	39741.734	47601.535	31.115
32.369	25.162	1.023	
11/12/2016 11:45:00 AM	222300.000	11.742	16.348
26.450	39725.191	47589.594	31.106
32.361	25.173	1.023	
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26.367	39723.313	47595.883	31.110
32.365	25.174	1.023	
11/12/2016 12:15:00 PM	224100.000	11.662	16.336
26.270	39700.707	47572.734	31.093
32.349	25.188	1.023	
11/12/2016 12:30:00 PM	225000.000	11.627	16.334
26.191	39727.281	47606.984	31.118
32.373	25.172	1.023	
11/12/2016 12:45:00 PM	225900.000	11.470	16.337
25.836	39772.617	47658.133	31.155
32.408	25.143	1.023	
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25.851	39772.848	47651.867	31.151
32.403	25.143	1.023	
11/12/2016 1:15:00 PM	227700.000	11.432	16.331
25.753	39801.254	47698.898	31.184
32.435	25.125	1.023	
11/12/2016 1:30:00 PM	228600.000	11.404	16.343
25.689	39797.125	47681.355	31.172
32.423	25.127	1.023	
11/12/2016 1:45:00 PM	229500.000	11.304	16.341
25.463	39834.867	47728.113	31.206
32.455			

25.104	1.023		
11/12/2016 2:00:00 PM	230400.000	11.196	
16.339	25.220	39815.172	
47707.582	31.191	32.441	
25.116	1.023		
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16.312	25.159	39818.660	
47741.043	31.214	32.464	
25.114	1.023		
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16.329	24.911	39845.535	
47754.652	31.225	32.473	
25.097	1.023		
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16.330	25.013	39836.426	
47742.875	31.216	32.465	
25.103	1.023		
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16.337	24.790	39853.871	
47755.980	31.226	32.474	
25.092	1.023		
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16.335	24.802	39843.094	
47745.180	31.218	32.467	
25.098	1.023		
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16.351	24.901	39121.371	
46862.840	30.577	31.867	
25.561	1.022		
11/12/2016 3:45:00 PM	236700.000	11.081	
16.351	24.962	39603.648	
47440.453	30.997	32.260	
25.250	1.023		
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16.351	24.718	39698.785	
47554.609	31.080	32.337	
25.190	1.023		
11/12/2016 4:15:00 PM	238500.000	10.983	
16.351	24.740	37374.695	
44770.965	29.063	30.444	
26.756	1.021		
11/12/2016 4:30:00 PM	239400.000	11.062	
16.351	24.919	38100.758	
45639.984	29.691	31.035	
26.246	1.022		
11/12/2016 4:45:00 PM	240300.000	11.160	
16.349	25.139	38568.180	
46202.500	30.098	31.418	
25.928	1.022		
11/12/2016 5:00:00 PM	241200.000	11.120	
16.353	25.050	38040.246	
45565.566	29.637	30.985	
26.288	1.022		
11/12/2016 5:15:00 PM	242100.000	11.171	
16.352	25.163	38656.453	
46305.172	30.173	31.488	
25.869	1.022		

11/12/2016 5:30:00 PM	243000.000	11.112	16.350	25.031	38247.063
45817.184	29.819	31.156	26.146	1.022	
11/12/2016 5:45:00 PM	243900.000	11.207	16.353	25.245	37951.871
45459.430	29.561	30.912	26.349	1.021	
11/12/2016 6:00:00 PM	244800.000	11.232	16.352	25.301	38147.617
45695.375	29.731	31.073	26.214	1.022	
11/12/2016 6:15:00 PM	245700.000	11.234	16.350	25.305	38363.031
45955.723	29.919	31.250	26.067	1.022	
11/12/2016 6:30:00 PM	246600.000	11.299	16.352	25.452	37806.441
45286.324	29.435	30.795	26.451	1.021	
11/12/2016 6:45:00 PM	247500.000	11.320	16.352	25.499	38321.707
45904.375	29.882	31.215	26.095	1.022	
11/12/2016 7:00:00 PM	248400.000	11.295	16.348	25.443	38856.805
46549.008	30.349	31.653	25.736	1.022	
11/12/2016 7:15:00 PM	249300.000	11.341	16.294	25.547	39787.406
47723.031	31.199	32.452	25.134	1.023	
11/12/2016 7:30:00 PM	250200.000	11.358	16.294	25.585	39788.367
47724.668	31.201	32.453	25.133	1.023	
11/12/2016 7:45:00 PM	251100.000	11.350	16.295	25.567	39758.734
47687.770	31.174	32.428	25.152	1.023	
11/12/2016 8:00:00 PM	252000.000	11.410	16.297	25.702	39765.770
47693.328	31.178	32.431	25.147	1.023	
11/12/2016 8:15:00 PM	252900.000	11.371	16.297	25.614	39775.980
47706.438	31.188	32.440	25.141	1.023	
11/12/2016 8:30:00 PM	253800.000	11.371	16.296	25.614	39777.570
47708.527	31.189	32.442	25.140	1.023	
11/12/2016 8:45:00 PM	254700.000	11.440	16.296	25.769	39806.047
47742.891	31.214	32.465	25.122	1.023	
11/12/2016 9:00:00 PM	255600.000	11.485			

16.297	25.872	39750.859	47675.820	31.165
32.420	25.157	1.023		
11/12/2016 9:15:00 PM	256500.000	11.436	16.299	25.761
39813.379	47748.785	31.218	32.469	25.117
1.023				
11/12/2016 9:30:00 PM	257400.000	11.388	16.301	25.652
39786.191	47713.387	31.193	32.445	25.134
1.023				
11/12/2016 9:45:00 PM	258300.000	11.333	16.337	25.529
39747.719	47628.688	31.133	32.388	25.159
1.023				
11/12/2016 10:00:00 PM	259200.000	11.296	16.331	25.446
39792.539	47689.121	31.177	32.429	25.130
1.023				
11/12/2016 10:15:00 PM	260100.000	11.297	16.323	25.449
39791.195	47695.594	31.181	32.433	25.131
1.023				
11/12/2016 10:30:00 PM	261000.000	11.276	16.344	25.400
39723.512	47592.285	31.107	32.363	25.174
1.023				
11/12/2016 10:45:00 PM	261900.000	11.213	16.348	25.258
39568.352	47402.074	30.969	32.233	25.273
1.023				
11/12/2016 11:00:00 PM	262800.000	11.201	16.347	25.232
39667.242	47521.234	31.056	32.314	25.210
1.023				
11/12/2016 11:15:00 PM	263700.000	11.227	16.345	25.290
39732.852	47601.453	31.114	32.369	25.168
1.023				
11/12/2016 11:30:00 PM	264600.000	11.100	16.348	25.003
37826.445	45314.504	29.456	30.814	26.437
1.021				
11/12/2016 11:45:00 PM	265500.000	11.118	16.345	25.044
38205.191	45772.004	29.786	31.125	26.174
1.022				
11/13/2016 12:00:00 AM	266400.000	10.952	16.342	24.670
38408.301	46018.125	29.964	31.292	26.036
1.022				
11/13/2016 12:15:00 AM	267300.000	11.024	16.345	24.832
38243.234	45817.398	29.819	31.156	26.148
1.022				
11/13/2016 12:30:00 AM	268200.000	10.990	16.347	24.755
37297.426				

44682.277	28.999	30.384	26.812	1.021
11/13/2016 12:45:00 AM	269100.000	10.986	16.347	24.747
37618.793	45067.551	29.277	30.646	26.582
1.021	11/13/2016 1:00:00 AM	270000.000	10.860	16.347
24.462	36400.156	43607.617	28.226	29.653
27.472	1.020	11/13/2016 1:15:00 AM	270900.000	11.187
16.348	25.200	36799.008	44083.750	28.568
29.977	27.175	1.021	11/13/2016 1:30:00 AM	271800.000
11.245	16.351	25.329	37489.063	44908.059
29.162	30.537	26.674	1.021	11/13/2016 1:45:00 AM
272700.000	11.178	16.351	25.180	37142.824
44492.859	28.863	30.255	26.923	1.021
11/13/2016 2:00:00 AM	273600.000	11.125	16.352	25.061
37216.664	44580.586	28.926	30.315	26.870
1.021	11/13/2016 2:15:00 AM	274500.000	11.103	16.350
25.011	36614.129	43860.605	28.408	29.825
27.312	1.021	11/13/2016 2:30:00 AM	275400.000	11.174
16.349	25.170	37644.824	45096.273	29.298
30.665	26.564	1.021	11/13/2016 2:45:00 AM	276300.000
11.149	16.351	25.115	36360.496	43555.809
28.189	29.618	27.502	1.020	11/13/2016 3:00:00 AM
277200.000	11.078	16.350	24.953	37428.684
44836.449	29.110	30.489	26.717	1.021
11/13/2016 3:15:00 AM	278100.000	11.166	16.352	25.152
36646.207	43897.422	28.434	29.850	27.288
1.021	11/13/2016 3:30:00 AM	279000.000	11.108	16.351
25.023	37013.332	44337.918	28.751	30.150
27.017	1.021	11/13/2016 3:45:00 AM	279900.000	11.089
16.349	24.980	37248.191	44621.133	28.955
30.342	26.847	1.021	11/13/2016 4:00:00 AM	280800.000
11.153	16.288	25.124	39796.676	47740.328
31.212	32.463

25.128	1.023		
11/13/2016 4:15:00 AM	281700.000	11.225	
16.290	25.285	39773.699	
47711.406	31.191	32.444	
25.142	1.023		
11/13/2016 4:30:00 AM	282600.000	11.194	
16.292	25.216	39780.926	
47717.852	31.195	32.448	
25.138	1.023		
11/13/2016 4:45:00 AM	283500.000	11.207	
16.291	25.245	39771.855	
47708.133	31.188	32.442	
25.143	1.023		
11/13/2016 5:00:00 AM	284400.000	11.219	
16.291	25.272	39851.461	
47803.621	31.258	32.506	
25.093	1.023		
11/13/2016 5:15:00 AM	285300.000	11.221	
16.294	25.277	39739.945	
47666.398	31.158	32.413	
25.164	1.023		
11/13/2016 5:30:00 AM	286200.000	11.246	
16.295	25.332	39786.895	
47721.258	31.198	32.450	
25.134	1.023		
11/13/2016 5:45:00 AM	287100.000	11.272	
16.332	25.392	39750.828	
47637.223	31.139	32.393	
25.157	1.023		
11/13/2016 6:00:00 AM	288000.000	11.348	
16.327	25.563	39703.125	
47586.289	31.102	32.359	
25.187	1.023		
11/13/2016 6:15:00 AM	288900.000	11.340	
16.322	25.544	39733.250	
47627.301	31.132	32.387	
25.168	1.023		
11/13/2016 6:30:00 AM	289800.000	11.185	
16.344	25.195	38602.516	
46248.867	30.131	31.449	
25.905	1.022		
11/13/2016 6:45:00 AM	290700.000	11.425	
16.344	25.737	39553.637	
47387.992	30.959	32.224	
25.282	1.023		
11/13/2016 7:00:00 AM	291600.000	11.224	
16.345	25.283	39635.980	
47485.789	31.030	32.290	
25.230	1.023		
11/13/2016 7:15:00 AM	292500.000	11.221	
16.340	25.277	39605.496	
47454.430	31.007	32.269	
25.249	1.023		
11/13/2016 7:30:00 AM	293400.000	11.240	
16.344	25.318	37419.566	
44831.324	29.106	30.485	
26.724	1.021		

11/13/2016 7:45:00 AM 294300.000 11.292
16.344 25.436 38294.902
45880.777 29.865 31.199
26.113 1.022
11/13/2016 8:00:00 AM 295200.000 11.328
16.341 25.518 38699.203
46368.242 30.218 31.530
25.840 1.022
11/13/2016 8:15:00 AM 296100.000 11.262
16.344 25.368 39473.469
47292.520 30.889 32.159
25.333 1.023
11/13/2016 8:30:00 AM 297000.000 11.335
16.342 25.532 38014.848
45547.262 29.623 30.972
26.306 1.022
11/13/2016 8:45:00 AM 297900.000 11.367
16.342 25.605 38737.953
46413.359 30.251 31.561
25.814 1.022
11/13/2016 9:00:00 AM 298800.000 11.402
16.343 25.684 38075.441
45618.027 29.675 31.020
26.264 1.022
11/13/2016 9:15:00 AM 299700.000 11.438
16.341 25.766 38524.660
46158.652 30.066 31.388
25.957 1.022
11/13/2016 9:30:00 AM 300600.000 11.488
16.345 25.877 39442.121
47253.336 30.861 32.132
25.354 1.022
11/13/2016 9:45:00 AM 301500.000 11.492
16.344 25.886 39613.340
47459.336 31.011 32.272
25.244 1.023
11/13/2016 10:00:00 AM 302400.000 11.550
16.344 26.017 39649.137
47503.273 31.043 32.302
25.221 1.023
11/13/2016 10:15:00 AM 303300.000 11.551
16.343 26.020 38932.176
46644.852 30.419 31.719
25.686 1.022
11/13/2016 10:30:00 AM 304200.000 11.516
16.343 25.941 38140.137
45695.996 29.731 31.073
26.219 1.022
11/13/2016 10:45:00 AM 305100.000 11.523
16.339 25.956 38704.578
46376.004 30.223 31.536
25.837 1.022
11/13/2016 11:00:00 AM 306000.000 11.528
16.344 25.967 39536.523
47367.883 30.944 32.210
25.293 1.023
11/13/2016 11:15:00 AM 306900.000 11.589

16.344	26.105	39702.141
47566.488	31.089	32.345
25.188	1.023	
11/13/2016 11:30:00 AM	307800.000	11.539
16.338	25.992	38394.715
46005.738	29.955	31.284
26.045	1.022	
11/13/2016 11:45:00 AM	308700.000	11.539
16.342	25.993	38051.020
45589.781	29.654	31.001
26.281	1.022	
11/13/2016 12:00:00 PM	309600.000	11.528
16.340	25.967	38668.277
46331.578	30.191	31.505
25.861	1.022	
11/13/2016 12:15:00 PM	310500.000	11.559
16.339	26.039	39535.020
47371.805	30.947	32.213
25.294	1.023	
11/13/2016 12:30:00 PM	311400.000	11.511
16.342	25.929	39685.020
47547.512	31.075	32.332
25.198	1.023	
11/13/2016 12:45:00 PM	312300.000	11.533
16.341	25.979	39689.457
47553.891	31.079	32.337
25.196	1.023	
11/13/2016 1:00:00 PM	313200.000	11.438
16.340	25.765	39767.992
47649.711	31.149	32.402
25.146	1.023	
11/13/2016 1:15:00 PM	314100.000	11.436
16.337	25.760	39732.742
47610.934	31.121	32.375
25.168	1.023	
11/13/2016 1:30:00 PM	315000.000	11.317
16.333	25.494	39721.352
47600.941	31.113	32.369
25.175	1.023	
11/13/2016 1:45:00 PM	315900.000	11.301
16.342	25.456	37463.645
44886.656	29.146	30.523
26.693	1.021	
11/13/2016 2:00:00 PM	316800.000	11.147
16.339	25.109	37613.918
45069.445	29.278	30.647
26.586	1.021	
11/13/2016 2:15:00 PM	317700.000	11.144
16.337	25.104	38027.953
45567.938	29.638	30.986
26.296	1.022	
11/13/2016 2:30:00 PM	318600.000	11.102
16.334	25.008	38452.004
46079.309	30.008	31.334
26.006	1.022	
11/13/2016 2:45:00 PM	319500.000	11.036
16.277	24.859	39865.551

47835.316	31.280	32.528	25.084	1.023	
11/13/2016 3:00:00 PM	320400.000	10.981	16.279	24.735	39859.652
47826.305	31.274	32.522	25.088	1.023	
11/13/2016 3:15:00 PM	321300.000	10.963	16.279	24.694	39830.457
47791.551	31.248	32.498	25.106	1.023	
11/13/2016 3:30:00 PM	322200.000	10.856	16.285	24.454	39835.621
47790.703	31.248	32.498	25.103	1.023	
11/13/2016 3:45:00 PM	323100.000	10.931	16.333	24.624	39753.578
47640.316	31.142	32.395	25.155	1.023	
11/13/2016 4:00:00 PM	324000.000	10.796	16.331	24.320	39771.871
47664.160	31.159	32.412	25.143	1.023	
11/13/2016 4:15:00 PM	324900.000	10.706	16.335	24.117	38409.523
46026.648	29.970	31.298	26.035	1.022	
11/13/2016 4:30:00 PM	325800.000	10.730	16.335	24.169	36304.098
43503.945	28.151	29.583	27.545	1.020	
11/13/2016 4:45:00 PM	326700.000	10.806	16.336	24.341	37138.719
44503.188	28.869	30.262	26.926	1.021	
11/13/2016 5:00:00 PM	327600.000	10.768	16.335	24.257	36983.969
44318.465	28.736	30.137	27.039	1.021	
11/13/2016 5:15:00 PM	328500.000	10.835	16.335	24.406	36415.969
43637.820	28.247	29.674	27.460	1.020	
11/13/2016 5:30:00 PM	329400.000	10.790	16.337	24.305	35787.770
42883.750	27.706	29.161	27.943	1.020	
11/13/2016 5:45:00 PM	330300.000	10.813	16.336	24.357	35105.578
42066.637	27.121	28.605	28.486	1.020	
11/13/2016 6:00:00 PM	331200.000	10.893	16.337	24.538	36046.984
43193.836	27.928	29.372	27.742	1.020	
11/13/2016 6:15:00 PM	332100.000	10.857	16.336	24.457	35574.719
42629.313	27.524	28.988			

28.110 1.020
11/13/2016 6:30:00 PM 333000.000 11.007
16.337 24.795 35541.813
42588.426 27.494 28.960
28.136 1.020
11/13/2016 6:45:00 PM 333900.000 10.954
16.336 24.675 35815.590
42917.777 27.730 29.184
27.921 1.020
11/13/2016 7:00:00 PM 334800.000 11.061
16.336 24.916 36064.578
43216.047 27.944 29.387
27.728 1.020
11/13/2016 7:15:00 PM 335700.000 11.087
16.337 24.975 36193.168
43368.918 28.054 29.491
27.630 1.020
11/13/2016 7:30:00 PM 336600.000 11.058
16.337 24.909 35373.926
42387.594 27.351 28.824
28.269 1.020
11/13/2016 7:45:00 PM 337500.000 11.079
16.338 24.956 36686.984
43960.195 28.479 29.893
27.258 1.021
11/13/2016 8:00:00 PM 338400.000 11.076
16.337 24.951 35471.430
42504.168 27.434 28.903
28.192 1.020
11/13/2016 8:15:00 PM 339300.000 11.116
16.338 25.040 35748.320
42835.188 27.671 29.128
27.973 1.020
11/13/2016 8:30:00 PM 340200.000 11.143
16.337 25.101 35723.227
42806.152 27.650 29.108
27.993 1.020
11/13/2016 8:45:00 PM 341100.000 11.111
16.338 25.029 36592.625
43847.305 28.397 29.816
27.328 1.021
11/13/2016 9:00:00 PM 342000.000 11.092
16.337 24.986 35737.402
42823.039 27.662 29.120
27.982 1.020
11/13/2016 9:15:00 PM 342900.000 11.165
16.337 25.150 36940.813
44264.879 28.698 30.100
27.070 1.021
11/13/2016 9:30:00 PM 343800.000 11.199
16.337 25.226 36184.426
43358.527 28.046 29.484
27.636 1.020
11/13/2016 9:45:00 PM 344700.000 11.090
16.336 24.980 37051.285
44398.156 28.794 30.191
26.990 1.021

11/13/2016 10:00:00 PM 345600.000 11.116
16.335 25.040 36982.176
44316.145 28.735 30.135
27.040 1.021
11/13/2016 10:15:00 PM 346500.000 11.145
16.336 25.104 37096.629
44452.574 28.833 30.228
26.957 1.021
11/13/2016 10:30:00 PM 347400.000 11.100
16.335 25.004 37698.207
45174.813 29.354 30.719
26.526 1.021
11/13/2016 10:45:00 PM 348300.000 11.117
16.335 25.042 37066.926
44417.875 28.808 30.204
26.978 1.021
11/13/2016 11:00:00 PM 349200.000 10.990
16.334 24.757 37130.484
44495.652 28.864 30.257
26.932 1.021
11/13/2016 11:15:00 PM 350100.000 10.966
16.270 24.702 39736.383
47687.648 31.172 32.428
25.166 1.023
11/13/2016 11:30:00 PM 351000.000 10.865
16.272 24.474 39744.246
47695.340 31.178 32.433
25.161 1.023
11/13/2016 11:45:00 PM 351900.000 10.895
16.273 24.543 39711.313
47654.758 31.148 32.405
25.182 1.023
11/14/2016 12:00:00 AM 352800.000 10.787
16.275 24.299 39764.832
47716.188 31.193 32.447
25.148 1.023
11/14/2016 12:15:00 AM 353700.000 10.836
16.328 24.410 39582.520
47440.590 30.996 32.260
25.264 1.023
11/14/2016 12:30:00 AM 354600.000 10.697
16.323 24.096 39673.246
47554.500 31.079 32.337
25.206 1.023
11/14/2016 12:45:00 AM 355500.000 10.535
16.327 23.731 38089.836
45652.594 29.699 31.044
26.254 1.022
11/14/2016 1:00:00 AM 356400.000 10.481
16.325 23.610 38283.504
45886.277 29.868 31.203
26.121 1.022
11/14/2016 1:15:00 AM 357300.000 10.478
16.328 23.602 36244.789
43440.242 28.104 29.539
27.590 1.020
11/14/2016 1:30:00 AM 358200.000 10.752

16.326	24.219	36209.156	43399.109	28.075
29.511	27.617	1.020		
11/14/2016 1:45:00 AM	359100.000	10.908	16.329	24.571
35833.973	42946.309	27.750	29.203	27.906
1.020				
11/14/2016 2:00:00 AM	360000.000	10.928	16.331	24.616
37119.598	44485.676	28.856	30.250	26.940
1.021				
11/14/2016 2:15:00 AM	360900.000	10.925	16.331	24.609
36316.898	43523.418	28.164	29.596	27.535
1.020				
11/14/2016 2:30:00 AM	361800.000	10.830	16.331	24.395
35417.883	42445.746	27.392	28.863	28.234
1.020				
11/14/2016 2:45:00 AM	362700.000	10.900	16.331	24.552
36721.113	44007.391	28.512	29.925	27.232
1.021				
11/14/2016 3:00:00 AM	363600.000	10.804	16.331	24.337
35715.809	42803.391	27.648	29.106	27.999
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35943.258	43075.898	27.843	29.292	27.822
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11/14/2016 3:30:00 AM	365400.000	10.896	16.269	24.543
39719.965	47669.000	31.158	32.415	25.176
1.023				
11/14/2016 3:45:00 AM	366300.000	10.768	16.270	24.255
39713.898	47661.137	31.153	32.410	25.180
1.023				
11/14/2016 4:00:00 AM	367200.000	10.900	16.272	24.554
39704.906	47648.238	31.144	32.401	25.186
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11/14/2016 4:15:00 AM	368100.002	10.890	16.309	24.532
39695.676	47596.852	31.108	32.366	25.192
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39638.480	47520.125	31.053	32.314	25.228
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31.080	32.342	25.242	1.023			
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26.053	1.022	11/15/2016 10:15:00 AM	476100.000	11.199
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26.445	1.021	11/15/2016 11:30:00 AM	480600.000	10.916
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27.172	1.021		
11/15/2016 2:00:00 PM	489600.000	10.538	
16.297	23.739	36735.156	
44059.078	28.547	29.960	
27.222	1.021		
11/15/2016 2:15:00 PM	490500.000	10.490	
16.296	23.629	36468.938	
43740.309	28.318	29.743	
27.421	1.021		
11/15/2016 2:30:00 PM	491400.001	10.422	
16.299	23.476	36608.113	
43904.832	28.437	29.855	
27.316	1.021		
11/15/2016 2:45:00 PM	492300.000	10.667	
16.297	24.028	35567.609	
42659.090	27.543	29.008	
28.115	1.020		
11/15/2016 3:00:00 PM	493200.000	10.846	
16.300	24.432	35014.852	
41992.570	27.066	28.555	
28.559	1.020		
11/15/2016 3:15:00 PM	494100.000	10.880	
16.302	24.509	35586.184	
42675.945	27.555	29.020	
28.101	1.020		
11/15/2016 3:30:00 PM	495000.000	10.832	
16.239	24.401	39631.383	
47596.066	31.103	32.365	
25.233	1.023		
11/15/2016 3:45:00 PM	495900.000	10.762	
16.239	24.242	39672.117	
47644.215	31.138	32.398	
25.207	1.023		
11/15/2016 4:00:00 PM	496800.000	10.805	
16.243	24.338	39702.863	
47677.477	31.163	32.421	
25.187	1.023		
11/15/2016 4:15:00 PM	497700.000	10.699	
16.247	24.100	39611.785	
47563.387	31.080	32.343	
25.245	1.023		
11/15/2016 4:30:00 PM	498600.000	10.725	
16.294	24.159	39561.168	
47451.488	31.002	32.267	
25.277	1.023		

11/15/2016 4:45:00 PM	499500.000	10.692	16.291	24.085	39620.305
47525.859	31.056	32.318	25.240	1.023	
11/15/2016 5:00:00 PM	500400.000	10.783	16.296	24.291	38215.852
45835.906	29.829	31.168	26.167	1.022	
11/15/2016 5:15:00 PM	501300.000	10.653	16.295	23.997	38385.379
46040.629	29.978	31.308	26.052	1.022	
11/15/2016 5:30:00 PM	502200.000	10.746	16.297	24.207	36580.414
43873.129	28.414	29.834	27.337	1.021	
11/15/2016 5:45:00 PM	503100.000	10.557	16.295	23.780	36425.742
43689.379	28.282	29.709	27.453	1.021	
11/15/2016 6:00:00 PM	504000.000	10.673	16.296	24.043	36238.957
43464.828	28.120	29.556	27.595	1.020	
11/15/2016 6:15:00 PM	504900.000	10.727	16.296	24.164	36446.328
43713.285	28.299	29.725	27.438	1.021	
11/15/2016 6:30:00 PM	505800.000	10.838	16.298	24.413	36838.148
44181.262	28.635	30.043	27.146	1.021	
11/15/2016 6:45:00 PM	506700.000	10.785	16.298	24.294	35442.145
42506.895	27.434	28.905	28.215	1.020	
11/15/2016 7:00:00 PM	507600.000	10.813	16.298	24.358	36545.133
43829.668	28.383	29.804	27.363	1.021	
11/15/2016 7:15:00 PM	508500.000	10.804	16.246	24.336	39635.953
47593.766	31.102	32.364	25.230	1.023	
11/15/2016 7:30:00 PM	509400.000	10.781	16.245	24.286	39674.855
47641.719	31.137	32.396	25.205	1.023	
11/15/2016 7:45:00 PM	510300.000	10.772	16.247	24.266	39640.699
47598.496	31.106	32.367	25.227	1.023	
11/15/2016 8:00:00 PM	511200.000	10.633	16.288	23.952	39469.145
47347.707	30.926	32.196	25.336	1.023	
11/15/2016 8:15:00 PM	512100.000	10.734			

16.288	24.179	38432.289	46103.973	30.023
31.351	26.020	1.022		
11/15/2016 8:30:00 PM	513000.000	10.594	16.291	23.864
37136.164	44546.324	28.898	30.292	26.928
1.021				
11/15/2016 8:45:00 PM	513900.000	10.701	16.291	24.105
37725.121	45252.621	29.407	30.772	26.508
1.021				
11/15/2016 9:00:00 PM	514800.000	10.688	16.293	24.076
36998.934	44379.652	28.778	30.178	27.028
1.021				
11/15/2016 9:15:00 PM	515700.000	10.672	16.295	24.040
36382.309	43637.988	28.245	29.674	27.486
1.020				
11/15/2016 9:30:00 PM	516600.000	10.707	16.294	24.119
36773.379	44108.031	28.582	29.993	27.194
1.021				
11/15/2016 9:45:00 PM	517500.000	10.747	16.296	24.209
35911.129	43071.711	27.838	29.289	27.847
1.020				
11/15/2016 10:00:00 PM	518400.000	10.739	16.295	24.190
36282.422	43517.918	28.158	29.592	27.562
1.020				
11/15/2016 10:15:00 PM	519300.000	10.768	16.296	24.257
35941.914	43108.559	27.865	29.314	27.823
1.020				
11/15/2016 10:30:00 PM	520200.000	10.776	16.296	24.273
35844.352	42991.094	27.781	29.234	27.898
1.020				
11/15/2016 10:45:00 PM	521100.000	10.843	16.247	24.424
39641.152	47598.949	31.106	32.367	25.226
1.023				
11/15/2016 11:00:00 PM	522000.000	10.685	16.240	24.069
39618.957	47580.180	31.092	32.355	25.240
1.023				
11/15/2016 11:15:00 PM	522900.000	10.702	16.244	24.108
39617.777	47573.965	31.088	32.350	25.241
1.023				
11/15/2016 11:30:00 PM	523800.000	10.732	16.289	24.175
39502.492	47386.555	30.954	32.223	25.315
1.023				
11/15/2016 11:45:00 PM	524700.000	10.719	16.288	24.145
39505.313				

47390.699	30.957	32.226	25.313	1.023	
11/16/2016 12:00:00 AM	525600.000	10.673	16.292	24.043	36972.906
44349.590	28.756	30.158	27.047	1.021	
11/16/2016 12:15:00 AM	526500.000	10.660	16.289	24.012	38026.965
45617.094	29.671	31.020	26.297	1.022	
11/16/2016 12:30:00 AM	527400.000	10.632	16.290	23.950	37346.402
44799.602	29.080	30.464	26.776	1.021	
11/16/2016 12:45:00 AM	528300.000	10.501	16.291	23.655	35869.266
43026.801	27.806	29.258	27.879	1.020	
11/16/2016 1:00:00 AM	529200.000	10.416	16.291	23.464	36156.684
43370.867	28.053	29.492	27.657	1.020	
11/16/2016 1:15:00 AM	530100.000	10.392	16.292	23.410	35528.309
42616.855	27.512	28.979	28.147	1.020	
11/16/2016 1:30:00 AM	531000.000	10.473	16.291	23.591	35501.977
42585.457	27.490	28.958	28.167	1.020	
11/16/2016 1:45:00 AM	531900.000	10.360	16.291	23.337	34026.039
40815.199	26.227	27.754	29.389	1.019	
11/16/2016 2:00:00 AM	532800.000	10.414	16.229	23.458	39676.391
47660.734	31.150	32.409	25.204	1.023	
11/16/2016 2:15:00 AM	533700.000	10.420	16.233	23.472	39646.230
47619.781	31.120	32.381	25.223	1.023	
11/16/2016 2:30:00 AM	534600.000	10.407	16.275	23.443	39586.938
47503.125	31.038	32.302	25.261	1.023	
11/16/2016 2:45:00 AM	535500.000	10.661	16.285	24.014	39507.867
47397.309	30.962	32.230	25.311	1.023	
11/16/2016 3:00:00 AM	536400.000	10.655	16.291	24.002	38098.547
45700.102	29.731	31.076	26.248	1.022	
11/16/2016 3:15:00 AM	537300.000	10.695	16.291	24.091	38531.387
46219.949	30.107	31.430			

25.953	1.022			
11/16/2016 3:30:00 AM	538200.000	10.619		
16.293	23.919	37752.625		
45283.152	29.430	30.793		
26.488	1.021			
11/16/2016 3:45:00 AM	539100.000	10.722		
16.293	24.153	37434.688		
44901.691	29.154	30.533		
26.713	1.021			
11/16/2016 4:00:00 AM	540000.000	10.704		
16.292	24.112	38241.402		
45870.531	29.854	31.192		
26.150	1.022			
11/16/2016 4:15:00 AM	540900.000	10.750		
16.293	24.216	35509.250		
42592.191	27.495	28.963		
28.162	1.020			
11/16/2016 4:30:00 AM	541800.000	10.835		
16.295	24.407	36813.066		
44154.648	28.616	30.025		
27.164	1.021			
11/16/2016 4:45:00 AM	542700.000	10.703		
16.296	24.110	35274.637		
42308.641	27.292	28.770		
28.349	1.020			
11/16/2016 5:00:00 AM	543600.000	10.641		
16.294	23.970	35792.789		
42931.770	27.738	29.194		
27.939	1.020			
11/16/2016 5:15:00 AM	544500.000	10.720		
16.296	24.147	35767.156		
42899.375	27.715	29.172		
27.959	1.020			
11/16/2016 5:30:00 AM	545400.000	10.782		
16.297	24.288	35218.313		
42239.309	27.242	28.723		
28.394	1.020			
11/16/2016 5:45:00 AM	546300.000	10.716		
16.296	24.140	35374.559		
42427.727	27.377	28.851		
28.269	1.020			
11/16/2016 6:00:00 AM	547200.000	10.737		
16.296	24.185	35070.160		
42062.539	27.116	28.603		
28.514	1.020			
11/16/2016 6:15:00 AM	548100.000	10.763		
16.241	24.245	39630.281		
47591.848	31.100	32.362		
25.233	1.023			
11/16/2016 6:30:00 AM	549000.000	10.828		
16.239	24.391	39625.836		
47589.313	31.098	32.361		
25.236	1.023			
11/16/2016 6:45:00 AM	549900.000	10.896		
16.241	24.544	39590.281		
47544.313	31.066	32.330		
25.259	1.023			

11/16/2016 7:00:00 AM	550800.000	10.857	16.245	24.456	39601.652	47554.023
31.073	32.337	25.251	1.023			
11/16/2016 7:15:00 AM	551700.000	10.994	16.292	24.765	39419.902	47284.230
30.880	32.153	25.368	1.023			
11/16/2016 7:30:00 AM	552600.000	10.932	16.288	24.625	39435.605	47307.473
30.897	32.169	25.358	1.023			
11/16/2016 7:45:00 AM	553500.000	11.058	16.286	24.908	39544.699	47441.117
30.994	32.260	25.288	1.023			
11/16/2016 8:00:00 AM	554400.000	11.132	16.294	25.075	38057.441	45647.930
29.693	31.041	26.276	1.022			
11/16/2016 8:15:00 AM	555300.000	11.231	16.291	25.298	38883.703	46642.191
30.413	31.717	25.718	1.022			
11/16/2016 8:30:00 AM	556200.000	11.300	16.295	25.455	39323.281	47165.191
30.794	32.072	25.430	1.022			
11/16/2016 8:45:00 AM	557100.000	11.487	16.296	25.876	39387.199	47240.816
30.849	32.124	25.389	1.022			
11/16/2016 9:00:00 AM	558000.000	11.443	16.296	25.776	39438.758	47302.270
30.893	32.166	25.356	1.023			
11/16/2016 9:15:00 AM	558900.000	11.479	16.297	25.858	39341.844	47185.262
30.808	32.086	25.418	1.022			
11/16/2016 9:30:00 AM	559800.000	11.427	16.294	25.741	38311.992	45953.719
29.915	31.249	26.101	1.022			
11/16/2016 9:45:00 AM	560700.000	11.466	16.295	25.829	38497.074	46173.852
30.074	31.398	25.976	1.022			
11/16/2016 10:00:00 AM	561600.000	11.487	16.298	25.875	39374.676	47223.879
30.836	32.112	25.397	1.022			
11/16/2016 10:15:00 AM	562500.000	11.445	16.297	25.782	39466.539	47335.195
30.917	32.188	25.338	1.023			
11/16/2016 10:30:00 AM	563400.000	11.410				

16.293	25.702	38655.859	
46366.367	30.214	31.529	
25.869	1.022		
11/16/2016 10:45:00 AM	564300.000	11.365	
16.297	25.601	39454.469	
47319.969	30.906	32.178	
25.346	1.023		
11/16/2016 11:00:00 AM	565200.000	11.377	
16.294	25.628	39472.266	
47344.938	30.924	32.195	
25.334	1.023		
11/16/2016 11:15:00 AM	566100.000	11.316	
16.292	25.491	39219.875	
47044.777	30.706	31.990	
25.497	1.022		
11/16/2016 11:30:00 AM	567000.000	11.309	
16.296	25.474	39461.629	
47330.086	30.914	32.184	
25.341	1.023		
11/16/2016 11:45:00 AM	567900.000	11.256	
16.294	25.356	39482.141	
47357.172	30.933	32.203	
25.328	1.023		
11/16/2016 12:00:00 PM	568800.000	11.265	
16.292	25.375	39546.195	
47435.828	30.990	32.256	
25.287	1.023		
11/16/2016 12:15:00 PM	569700.000	11.146	
16.294	25.108	37021.137	
44405.207	28.796	30.196	
27.012	1.021		
11/16/2016 12:30:00 PM	570600.000	11.289	
16.294	25.430	37721.129	
45245.094	29.402	30.767	
26.510	1.021		
11/16/2016 12:45:00 PM	571500.000	11.225	
16.291	25.285	38221.836	
45848.730	29.838	31.177	
26.163	1.022		
11/16/2016 1:00:00 PM	572400.000	11.027	
16.288	24.840	38538.426	
46231.570	30.115	31.437	
25.948	1.022		
11/16/2016 1:15:00 PM	573300.000	11.108	
16.293	25.023	36824.016	
44170.020	28.627	30.036	
27.156	1.021		
11/16/2016 1:30:00 PM	574200.000	11.007	
16.291	24.795	36727.055	
44055.227	28.544	29.958	
27.228	1.021		
11/16/2016 1:45:00 PM	575100.000	10.865	
16.291	24.474	36916.090	
44281.895	28.707	30.112	
27.088	1.021		
11/16/2016 2:00:00 PM	576000.000	10.783	
16.231	24.289	39659.414	

47638.699	31.134	32.394	25.215	1.023		
11/16/2016 2:15:00 PM	576900.000	10.829	16.235	24.393	39704.469	
47687.703	31.170	32.428	25.186	1.023		
11/16/2016 2:30:00 PM	577800.000	10.802	16.234	24.332	39744.633	
47736.996	31.206	32.461	25.161	1.023		
11/16/2016 2:45:00 PM	578700.000	10.603	16.284	23.883	39623.914	
47538.059	31.064	32.326	25.237	1.023		
11/16/2016 3:00:00 PM	579600.000	10.679	16.286	24.056	39364.512	
47224.949	30.836	32.113	25.404	1.022		
11/16/2016 3:15:00 PM	580500.000	10.715	16.285	24.137	38053.617	
45652.383	29.696	31.044	26.279	1.022		
11/16/2016 3:30:00 PM	581400.000	10.755	16.288	24.226	36853.309	
44209.617	28.655	30.063	27.135	1.021		
11/16/2016 3:45:00 PM	582300.000	10.735	16.288	24.181	37414.367	
44883.215	29.141	30.521	26.728	1.021		
11/16/2016 4:00:00 PM	583200.000	11.088	16.290	24.977	36819.586	
44167.023	28.625	30.034	27.159	1.021		
11/16/2016 4:15:00 PM	584100.000	11.183	16.292	25.190	37742.457	
45272.676	29.422	30.785	26.495	1.021		
11/16/2016 4:30:00 PM	585000.000	11.123	16.291	25.056	37782.965	
45322.188	29.458	30.819	26.467	1.021		
11/16/2016 4:45:00 PM	585900.000	11.147	16.291	25.111	37034.375	
44423.953	28.810	30.208	27.002	1.021		
11/16/2016 5:00:00 PM	586800.000	10.964	16.292	24.698	37309.898	
44753.906	29.047	30.433	26.803	1.021		
11/16/2016 5:15:00 PM	587700.000	11.153	16.290	25.122	37068.395	
44465.406	28.840	30.236	26.977	1.021		
11/16/2016 5:30:00 PM	588600.000	11.127	16.290	25.065	37878.992	
45438.480	29.542	30.898				

26.400 1.021
11/16/2016 5:45:00 PM 589500.000 10.991
16.291 24.758 36503.430
43786.980 28.351 29.775
27.395 1.021
11/16/2016 6:00:00 PM 590400.000 11.011
16.291 24.803 36917.410
44283.301 28.708 30.113
27.087 1.021
11/16/2016 6:15:00 PM 591300.000 10.988
16.291 24.752 36549.172
43841.938 28.391 29.813
27.360 1.021
11/16/2016 6:30:00 PM 592200.000 11.037
16.291 24.861 36244.867
43476.914 28.129 29.564
27.590 1.020
11/16/2016 6:45:00 PM 593100.000 11.080
16.291 24.958 37051.176
44443.832 28.824 30.222
26.990 1.021
11/16/2016 7:00:00 PM 594000.000 11.121
16.290 25.050 36516.883
43803.914 28.364 29.787
27.385 1.021
11/16/2016 7:15:00 PM 594900.000 11.048
16.292 24.888 35875.367
43033.074 27.810 29.262
27.874 1.020
11/16/2016 7:30:00 PM 595800.000 11.024
16.291 24.833 35667.188
42784.398 27.632 29.093
28.037 1.020
11/16/2016 7:45:00 PM 596700.000 11.185
16.290 25.196 36230.203
43459.855 28.116 29.553
27.601 1.020
11/16/2016 8:00:00 PM 597600.000 11.039
16.292 24.866 36671.230
43987.641 28.496 29.912
27.269 1.021
11/16/2016 8:15:00 PM 598500.000 10.999
16.291 24.776 35922.797
43090.410 27.851 29.301
27.837 1.020
11/16/2016 8:30:00 PM 599400.000 10.983
16.248 24.740 39678.672
47643.234 31.138 32.397
25.202 1.023
11/16/2016 8:45:00 PM 600300.000 10.879
16.236 24.506 39764.016
47758.168 31.221 32.476
25.148 1.023
11/16/2016 9:00:00 PM 601200.000 10.869
16.239 24.484 39767.496
47759.637 31.222 32.477
25.146 1.023

11/16/2016 9:15:00 PM	602100.000	10.914	16.275	24.584	39686.672
47623.270	31.126	32.384	25.197	1.023	
11/16/2016 9:30:00 PM	603000.000	10.969	16.283	24.708	39604.762
47515.949	31.048	32.311	25.249	1.023	
11/16/2016 9:45:00 PM	603900.000	10.878	16.284	24.505	39611.418
47522.793	31.053	32.316	25.245	1.023	
11/16/2016 10:00:00 PM	604800.000	10.942	16.286	24.648	37819.844
45371.563	29.493	30.853	26.441	1.021	
11/16/2016 10:15:00 PM	605700.000	10.963	16.284	24.696	38274.262
45918.945	29.889	31.225	26.127	1.022	
11/16/2016 10:30:00 PM	606600.000	10.960	16.288	24.688	36430.699
43703.000	28.291	29.718	27.449	1.021	
11/16/2016 10:45:00 PM	607500.000	10.929	16.287	24.619	36984.250
44368.035	28.769	30.170	27.039	1.021	
11/16/2016 11:00:00 PM	608400.000	10.882	16.288	24.514	36890.773
44254.391	28.687	30.093	27.107	1.021	
11/16/2016 11:15:00 PM	609300.000	10.915	16.288	24.587	35824.074
42975.199	27.769	29.223	27.914	1.020	
11/16/2016 11:30:00 PM	610200.000	10.808	16.289	24.347	35082.871
42084.766	27.132	28.618	28.504	1.020	
11/16/2016 11:45:00 PM	611100.000	10.861	16.289	24.466	35705.961
42832.121	27.666	29.126	28.007	1.020	

Report Date: 11/18/2016 8:36:03 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP Barotroll_2016-11-17_16-24-57-405.wsl
Create Date: 11/17/2016 4:24:43 PM

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

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

Other Log Settings

Log Notes:

Date and Time	Note
4/28/2016 3:41:19 PM	Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM
4/28/2016 3:41:20 PM	Used Battery: 7% Used Memory: 12% User Name: KMakar
5/5/2016 1:40:50 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 2:30:00 PM
5/12/2016 4:51:07 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:45:00 PM
5/19/2016 5:53:53 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:45:00 PM
5/26/2016 3:21:35 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval -

Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:15:00 PM
6/2/2016 5:25:19 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 1:15:00 AM Stop Time: 6/2/2016 6:15:00 PM
6/9/2016 2:11:26 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 3:00:00 PM
6/16/2016 6:18:58 PM Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:15:00 PM
6/23/2016 6:28:59 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 3:22:49 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 5/31/2016 1:00:00 AM Stop Time: 7/1/2016 4:15:00 PM
7/8/2016 1:27:28 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 9:10:31 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 10:00:00 PM
7/22/2016 10:07:59 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
7/28/2016 9:08:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:00:00 PM
8/4/2016 7:48:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 8:35:00 PM
8/11/2016 6:17:29 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/2/2016 12:00:00 PM Stop Time: 8/11/2016 8:15:00 PM
8/18/2016 6:17:33 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 7:00:00 PM
8/18/2016 6:18:37 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 AM Stop Time: 8/18/2016 6:15:00 PM
8/25/2016 9:35:38 PM Log Download - Used Battery: 9% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:30:00 PM
9/1/2016 5:23:27 PM Log Download - Used Battery: 9% Used Memory: 25% User Name: skuiper Interval - Start Time: 7/30/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 7:54:43 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 7:45:00 PM
9/8/2016 7:55:48 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 8:45:00 PM
9/15/2016 9:07:41 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 10:00:00 PM
9/22/2016 7:04:04 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 7:15:00 PM
10/2/2016 11:33:24 AM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/7/2016 1:04:22 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:10:00 PM
10/7/2016 8:09:47 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/27/2016 12:00:00 AM Stop Time: 10/7/2016 8:00:00 PM
10/13/2016 7:55:41 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:45:00 PM
10/13/2016 7:57:35 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 12:00:00 AM Stop Time: 10/13/2016 7:45:00 PM
10/20/2016 7:48:34 PM Log Download - Used Battery: 9% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:30:00 PM
10/27/2016 6:20:12 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/18/2016 5:00:00 PM Stop Time: 10/27/2016 6:15:00 PM
11/3/2016 5:45:21 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:45:00 PM
11/11/2016 9:44:25 AM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 10:30:00 AM
11/17/2016 4:26:42 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 5:15:00 PM

Log Data:
Record Count: 746
Sensors: 1
1 - 399604: Baro-Pressure/Temp
Time Zone: Pacific Standard Time

Date and Time	Elapsed Time Seconds	Sensor: Baro Pres SN#: 399604 Pressure (mmHg)	Sensor: Baro Pres SN#: 399604 Temperature (C)
11/10/2016 12:00:00 AM	7200.000	762.410	16.873
11/10/2016 12:15:00 AM	8100.000	762.504	16.842
11/10/2016 12:30:00 AM	9000.000	762.594	16.830
11/10/2016 12:45:00 AM	9900.000	762.592	16.781
11/10/2016 1:00:00 AM	10800.000	762.530	16.739
11/10/2016 1:15:00 AM	11700.000	762.321	16.668
11/10/2016 1:30:00 AM	12600.000	762.326	16.565
11/10/2016 1:45:00 AM	13500.000	762.080	16.480
11/10/2016 2:00:00 AM	14400.000	762.254	16.400
11/10/2016 2:15:00 AM	15300.000	762.239	16.371
11/10/2016 2:30:00 AM	16200.000	762.121	16.352
11/10/2016 2:45:00 AM	17100.000	762.214	16.301
11/10/2016 3:00:00 AM	18000.000	762.225	16.247
11/10/2016 3:15:00 AM	18900.000	762.350	16.192
11/10/2016 3:30:00 AM	19800.000	762.108	16.122
11/10/2016 3:45:00 AM	20700.000	762.176	16.048
11/10/2016 4:00:00 AM	21600.000	762.371	15.953
11/10/2016 4:15:00 AM	22500.000	762.009	15.894
11/10/2016 4:30:00 AM	23400.000	762.061	15.786
11/10/2016 4:45:00 AM	24300.000	761.874	15.705
11/10/2016 5:00:00 AM	25200.000	762.277	15.637
11/10/2016 5:15:00 AM	26100.000	762.024	15.576
11/10/2016 5:30:00 AM	27000.000	761.859	15.499
11/10/2016 5:45:00 AM	27900.000	762.219	15.502
11/10/2016 6:00:00 AM	28800.000	762.205	15.485
11/10/2016 6:15:00 AM	29700.000	763.208	15.503
11/10/2016 6:30:00 AM	30600.000	762.502	15.501
11/10/2016 6:45:00 AM	31500.000	762.646	15.466
11/10/2016 7:00:00 AM	32400.000	762.736	15.424
11/10/2016 7:15:00 AM	33300.000	762.610	15.386
11/10/2016 7:30:00 AM	34200.000	762.745	15.437
11/10/2016 7:45:00 AM	35100.000	763.118	15.522
11/10/2016 8:00:00 AM	36000.000	763.001	15.694
11/10/2016 8:15:00 AM	36900.000	762.689	15.809
11/10/2016 8:30:00 AM	37800.000	762.644	16.003
11/10/2016 8:45:00 AM	38700.000	762.681	16.192
11/10/2016 9:00:00 AM	39600.000	763.009	16.386
11/10/2016 9:15:00 AM	40500.000	762.790	16.602
11/10/2016 9:30:00 AM	41400.000	762.368	16.796
11/10/2016 9:45:00 AM	42300.000	762.314	16.962
11/10/2016 10:00:00 AM	43200.000	762.199	17.134
11/10/2016 10:15:00 AM	44100.000	762.352	17.334
11/10/2016 10:30:00 AM	45000.000	762.441	17.508
11/10/2016 10:45:00 AM	45900.000	761.989	17.720
11/10/2016 11:00:00 AM	46800.000	761.883	17.915
11/10/2016 11:15:00 AM	47700.000	761.948	18.133
11/10/2016 11:30:00 AM	48600.000	761.619	18.380
11/10/2016 11:45:00 AM	49500.000	761.724	18.581

11/10/2016 12:00:00 PM	50400.000	761.600	18.864
11/10/2016 12:15:00 PM	51300.000	761.779	19.192
11/10/2016 12:30:00 PM	52200.000	761.550	19.481
11/10/2016 12:45:00 PM	53100.000	761.536	19.705
11/10/2016 1:00:00 PM	54000.000	761.019	19.873
11/10/2016 1:15:00 PM	54900.000	761.127	20.083
11/10/2016 1:30:00 PM	55800.000	761.627	20.193
11/10/2016 1:45:00 PM	56700.000	761.505	20.333
11/10/2016 2:00:00 PM	57600.000	761.557	20.433
11/10/2016 2:15:00 PM	58500.000	761.806	20.490
11/10/2016 2:30:00 PM	59400.000	761.710	20.580
11/10/2016 2:45:00 PM	60300.000	761.532	20.658
11/10/2016 3:00:00 PM	61200.000	761.795	20.681
11/10/2016 3:15:00 PM	62100.000	761.857	20.641
11/10/2016 3:30:00 PM	63000.000	762.155	20.603
11/10/2016 3:45:00 PM	63900.000	762.114	20.513
11/10/2016 4:00:00 PM	64800.000	762.141	20.448
11/10/2016 4:15:00 PM	65700.000	762.227	20.365
11/10/2016 4:30:00 PM	66600.000	762.161	20.285
11/10/2016 4:45:00 PM	67500.000	762.421	20.168
11/10/2016 5:00:00 PM	68400.000	761.760	20.060
11/10/2016 5:15:00 PM	69300.000	762.568	19.974
11/10/2016 5:30:00 PM	70200.000	762.459	19.810
11/10/2016 5:45:00 PM	71100.000	762.353	19.663
11/10/2016 6:00:00 PM	72000.000	762.683	19.483
11/10/2016 6:15:00 PM	72900.000	762.507	19.318
11/10/2016 6:30:00 PM	73800.000	762.540	19.155
11/10/2016 6:45:00 PM	74700.000	762.285	18.980
11/10/2016 7:00:00 PM	75600.000	762.504	18.778
11/10/2016 7:15:00 PM	76500.000	762.552	18.576
11/10/2016 7:30:00 PM	77400.000	762.317	18.472
11/10/2016 7:45:00 PM	78300.000	762.358	18.332
11/10/2016 8:00:00 PM	79200.000	762.802	18.195
11/10/2016 8:15:00 PM	80100.000	762.422	18.081
11/10/2016 8:30:00 PM	81000.000	762.693	17.970
11/10/2016 8:45:00 PM	81900.000	762.830	17.834
11/10/2016 9:00:00 PM	82800.000	762.506	17.735
11/10/2016 9:15:00 PM	83700.000	762.824	17.633
11/10/2016 9:30:00 PM	84600.000	762.990	17.487
11/10/2016 9:45:00 PM	85500.000	762.709	17.388
11/10/2016 10:00:00 PM	86400.000	762.923	17.338
11/10/2016 10:15:00 PM	87300.000	762.921	17.251
11/10/2016 10:30:00 PM	88200.000	762.766	17.183
11/10/2016 10:45:00 PM	89100.000	763.016	17.082
11/10/2016 11:00:00 PM	90000.000	763.010	17.031
11/10/2016 11:15:00 PM	90900.000	762.844	16.946
11/10/2016 11:30:00 PM	91800.000	763.229	16.882
11/10/2016 11:45:00 PM	92700.000	763.154	16.801
11/11/2016 12:00:00 AM	93600.000	763.123	16.717
11/11/2016 12:15:00 AM	94500.000	763.241	16.649
11/11/2016 12:30:00 AM	95400.000	763.418	16.564
11/11/2016 12:45:00 AM	96300.000	763.079	16.530
11/11/2016 1:00:00 AM	97200.000	763.272	16.498
11/11/2016 1:15:00 AM	98100.000	763.276	16.520
11/11/2016 1:30:00 AM	99000.000	763.140	16.589
11/11/2016 1:45:00 AM	99900.000	762.922	16.661
11/11/2016 2:00:00 AM	100800.000	763.222	16.703
11/11/2016 2:15:00 AM	101700.000	762.837	16.740
11/11/2016 2:30:00 AM	102600.000	762.910	16.809
11/11/2016 2:45:00 AM	103500.000	762.936	16.827

11/11/2016 3:00:00 AM	104400.000	762.879	16.819
11/11/2016 3:15:00 AM	105300.000	762.538	16.813
11/11/2016 3:30:00 AM	106200.000	763.001	16.825
11/11/2016 3:45:00 AM	107100.000	762.468	16.738
11/11/2016 4:00:00 AM	108000.000	762.412	16.655
11/11/2016 4:15:00 AM	108900.000	762.464	16.579
11/11/2016 4:30:00 AM	109800.000	762.443	16.446
11/11/2016 4:45:00 AM	110700.000	762.522	16.361
11/11/2016 5:00:00 AM	111600.000	762.823	16.268
11/11/2016 5:15:00 AM	112500.000	762.496	16.192
11/11/2016 5:30:00 AM	113400.000	762.601	16.133
11/11/2016 5:45:00 AM	114300.000	762.843	16.039
11/11/2016 6:00:00 AM	115200.000	762.339	16.005
11/11/2016 6:15:00 AM	116100.000	762.559	15.896
11/11/2016 6:30:00 AM	117000.000	762.807	15.862
11/11/2016 6:45:00 AM	117900.000	762.957	15.772
11/11/2016 7:00:00 AM	118800.000	763.030	15.680
11/11/2016 7:15:00 AM	119700.000	763.027	15.576
11/11/2016 7:30:00 AM	120600.000	763.092	15.527
11/11/2016 7:45:00 AM	121500.000	763.128	15.473
11/11/2016 8:00:00 AM	122400.000	762.928	15.477
11/11/2016 8:15:00 AM	123300.000	763.519	15.570
11/11/2016 8:30:00 AM	124200.000	763.310	15.675
11/11/2016 8:45:00 AM	125100.000	763.215	15.803
11/11/2016 9:00:00 AM	126000.000	763.248	15.978
11/11/2016 9:15:00 AM	126900.000	763.722	16.262
11/11/2016 9:30:00 AM	127800.000	763.582	16.432
11/11/2016 9:45:00 AM	128700.000	763.647	16.489
11/11/2016 10:00:00 AM	129600.000	763.622	16.641
11/11/2016 10:15:00 AM	130500.000	763.319	16.727
11/11/2016 10:30:00 AM	131400.000	763.267	16.870
11/11/2016 10:45:00 AM	132300.000	763.285	17.020
11/11/2016 11:00:00 AM	133200.000	763.459	17.137
11/11/2016 11:15:00 AM	134100.000	763.052	17.255
11/11/2016 11:30:00 AM	135000.000	763.340	17.407
11/11/2016 11:45:00 AM	135900.000	763.079	17.560
11/11/2016 12:00:00 PM	136800.000	763.047	17.676
11/11/2016 12:15:00 PM	137700.000	763.055	17.768
11/11/2016 12:30:00 PM	138600.000	763.227	17.844
11/11/2016 12:45:00 PM	139500.000	763.025	17.884
11/11/2016 1:00:00 PM	140400.000	763.078	17.929
11/11/2016 1:15:00 PM	141300.000	763.182	17.978
11/11/2016 1:30:00 PM	142200.000	763.219	18.006
11/11/2016 1:45:00 PM	143100.000	763.314	18.057
11/11/2016 2:00:00 PM	144000.000	763.560	18.121
11/11/2016 2:15:00 PM	144900.000	762.496	18.180
11/11/2016 2:30:00 PM	145800.000	763.355	18.252
11/11/2016 2:45:00 PM	146700.000	763.357	18.283
11/11/2016 3:00:00 PM	147600.000	763.814	18.334
11/11/2016 3:15:00 PM	148500.000	763.311	18.377
11/11/2016 3:30:00 PM	149400.000	763.647	18.373
11/11/2016 3:45:00 PM	150300.000	763.888	18.359
11/11/2016 4:00:00 PM	151200.000	763.432	18.294
11/11/2016 4:15:00 PM	152100.000	763.549	18.281
11/11/2016 4:30:00 PM	153000.000	763.570	18.231
11/11/2016 4:45:00 PM	153900.000	763.872	18.144
11/11/2016 5:00:00 PM	154800.000	763.768	18.080
11/11/2016 5:15:00 PM	155700.000	763.837	18.022
11/11/2016 5:30:00 PM	156600.000	763.975	17.968
11/11/2016 5:45:00 PM	157500.000	764.083	17.894

11/11/2016 6:00:00 PM	158400.000	764.348	17.845
11/11/2016 6:15:00 PM	159300.000	764.260	17.761
11/11/2016 6:30:00 PM	160200.000	764.269	17.700
11/11/2016 6:45:00 PM	161100.000	764.274	17.625
11/11/2016 7:00:00 PM	162000.000	764.075	17.541
11/11/2016 7:15:00 PM	162900.000	763.808	17.493
11/11/2016 7:30:00 PM	163800.000	763.988	17.407
11/11/2016 7:45:00 PM	164700.000	763.247	17.318
11/11/2016 8:00:00 PM	165600.000	763.354	17.263
11/11/2016 8:15:00 PM	166500.000	763.280	17.185
11/11/2016 8:30:00 PM	167400.000	763.008	17.126
11/11/2016 8:45:00 PM	168300.000	763.346	17.054
11/11/2016 9:00:00 PM	169200.000	763.505	17.015
11/11/2016 9:15:00 PM	170100.000	763.278	16.971
11/11/2016 9:30:00 PM	171000.000	763.332	16.930
11/11/2016 9:45:00 PM	171900.000	763.419	16.925
11/11/2016 10:00:00 PM	172800.000	764.217	16.881
11/11/2016 10:15:00 PM	173700.000	764.175	16.838
11/11/2016 10:30:00 PM	174600.000	763.642	16.805
11/11/2016 10:45:00 PM	175500.000	763.974	16.809
11/11/2016 11:00:00 PM	176400.000	764.155	16.767
11/11/2016 11:15:00 PM	177300.000	764.402	16.732
11/11/2016 11:30:00 PM	178200.000	764.471	16.692
11/11/2016 11:45:00 PM	179100.000	764.418	16.663
11/12/2016 12:00:00 AM	180000.000	764.046	16.620
11/12/2016 12:15:00 AM	180900.000	763.972	16.564
11/12/2016 12:30:00 AM	181800.000	764.222	16.520
11/12/2016 12:45:00 AM	182700.000	764.489	16.453
11/12/2016 1:00:00 AM	183600.000	764.116	16.390
11/12/2016 1:15:00 AM	184500.000	764.210	16.350
11/12/2016 1:30:00 AM	185400.000	764.212	16.286
11/12/2016 1:45:00 AM	186300.000	764.366	16.235
11/12/2016 2:00:00 AM	187200.000	764.619	16.135
11/12/2016 2:15:00 AM	188100.000	764.260	16.040
11/12/2016 2:30:00 AM	189000.000	764.371	15.972
11/12/2016 2:45:00 AM	189900.000	764.424	15.881
11/12/2016 3:00:00 AM	190800.000	764.489	15.816
11/12/2016 3:15:00 AM	191700.000	764.334	15.739
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11/15/2016 6:30:00 AM	462600.000	765.356	16.093
11/15/2016 6:45:00 AM	463500.000	765.402	16.074
11/15/2016 7:00:00 AM	464400.000	765.275	16.118
11/15/2016 7:15:00 AM	465300.000	765.108	16.098
11/15/2016 7:30:00 AM	466200.000	765.276	16.096
11/15/2016 7:45:00 AM	467100.000	765.006	16.119
11/15/2016 8:00:00 AM	468000.000	764.956	16.107
11/15/2016 8:15:00 AM	468900.000	765.173	16.134
11/15/2016 8:30:00 AM	469800.000	764.830	16.152
11/15/2016 8:45:00 AM	470700.000	765.453	16.198
11/15/2016 9:00:00 AM	471600.000	765.233	16.265
11/15/2016 9:15:00 AM	472500.000	765.406	16.336
11/15/2016 9:30:00 AM	473400.000	765.271	16.429
11/15/2016 9:45:00 AM	474300.000	765.316	16.511
11/15/2016 10:00:00 AM	475200.000	765.494	16.514
11/15/2016 10:15:00 AM	476100.000	765.458	16.594
11/15/2016 10:30:00 AM	477000.000	765.216	16.658
11/15/2016 10:45:00 AM	477900.000	765.465	16.760
11/15/2016 11:00:00 AM	478800.000	765.183	16.816
11/15/2016 11:15:00 AM	479700.000	765.042	16.912
11/15/2016 11:30:00 AM	480600.000	764.876	17.031
11/15/2016 11:45:00 AM	481500.000	764.712	17.164

11/15/2016 12:00:00 PM	482400.000	764.685	17.346
11/15/2016 12:15:00 PM	483300.000	764.455	17.523
11/15/2016 12:30:00 PM	484200.000	764.246	17.694
11/15/2016 12:45:00 PM	485100.000	764.079	17.870
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11/15/2016 1:45:00 PM	488700.000	763.730	18.528
11/15/2016 2:00:00 PM	489600.000	763.892	18.687
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11/15/2016 2:30:00 PM	491400.000	763.495	18.958
11/15/2016 2:45:00 PM	492300.000	763.520	19.084
11/15/2016 3:00:00 PM	493200.000	763.614	19.136
11/15/2016 3:15:00 PM	494100.000	763.272	19.179
11/15/2016 3:30:00 PM	495000.000	763.398	19.220
11/15/2016 3:45:00 PM	495900.000	763.468	19.127
11/15/2016 4:00:00 PM	496800.000	763.585	19.123
11/15/2016 4:15:00 PM	497700.000	763.683	19.081
11/15/2016 4:30:00 PM	498600.000	763.657	19.021
11/15/2016 4:45:00 PM	499500.000	763.595	18.979
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11/15/2016 5:15:00 PM	501300.000	763.782	18.790
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11/15/2016 5:45:00 PM	503100.000	763.604	18.615
11/15/2016 6:00:00 PM	504000.000	763.511	18.507
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11/15/2016 7:30:00 PM	509400.000	763.883	18.099
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11/15/2016 8:30:00 PM	513000.000	764.044	17.923
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11/15/2016 10:30:00 PM	520200.000	764.469	17.463
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11/15/2016 11:30:00 PM	523800.000	764.259	17.113
11/15/2016 11:45:00 PM	524700.000	764.522	17.039
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11/16/2016 12:15:00 AM	526500.000	764.324	16.987
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11/16/2016 1:30:00 AM	531000.000	764.100	16.769
11/16/2016 1:45:00 AM	531900.000	763.949	16.713
11/16/2016 2:00:00 AM	532800.000	764.320	16.672
11/16/2016 2:15:00 AM	533700.000	764.318	16.602
11/16/2016 2:30:00 AM	534600.000	764.208	16.543
11/16/2016 2:45:00 AM	535500.000	764.056	16.492

11/16/2016 3:00:00 AM	536400.000	763.869	16.420
11/16/2016 3:15:00 AM	537300.000	764.100	16.330
11/16/2016 3:30:00 AM	538200.000	764.208	16.278
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11/16/2016 4:00:00 AM	540000.000	764.051	16.062
11/16/2016 4:15:00 AM	540900.000	763.758	16.003
11/16/2016 4:30:00 AM	541800.000	764.141	15.929
11/16/2016 4:45:00 AM	542700.000	764.168	15.841
11/16/2016 5:00:00 AM	543600.000	764.013	15.743
11/16/2016 5:15:00 AM	544500.000	763.745	15.630
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11/16/2016 6:00:00 AM	547200.000	763.582	15.198
11/16/2016 6:15:00 AM	548100.000	763.684	15.071
11/16/2016 6:30:00 AM	549000.000	764.318	14.898
11/16/2016 6:45:00 AM	549900.000	764.261	14.758
11/16/2016 7:00:00 AM	550800.000	763.885	14.657
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11/16/2016 8:00:00 AM	554400.000	764.646	14.378
11/16/2016 8:15:00 AM	555300.000	764.873	14.459
11/16/2016 8:30:00 AM	556200.000	764.778	14.592
11/16/2016 8:45:00 AM	557100.000	764.733	14.858
11/16/2016 9:00:00 AM	558000.000	764.669	15.127
11/16/2016 9:15:00 AM	558900.000	764.374	15.438
11/16/2016 9:30:00 AM	559800.000	764.859	15.679
11/16/2016 9:45:00 AM	560700.000	764.672	15.894
11/16/2016 10:00:00 AM	561600.000	764.803	16.094
11/16/2016 10:15:00 AM	562500.000	764.540	16.284
11/16/2016 10:30:00 AM	563400.000	764.613	16.469
11/16/2016 10:45:00 AM	564300.000	764.484	16.681
11/16/2016 11:00:00 AM	565200.000	764.348	16.758
11/16/2016 11:15:00 AM	566100.000	764.753	16.916
11/16/2016 11:30:00 AM	567000.000	764.398	17.059
11/16/2016 11:45:00 AM	567900.000	764.189	17.214
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11/16/2016 12:15:00 PM	569700.000	763.647	17.488
11/16/2016 12:30:00 PM	570600.000	763.993	17.627
11/16/2016 12:45:00 PM	571500.000	763.803	17.709
11/16/2016 1:00:00 PM	572400.000	763.517	17.831
11/16/2016 1:15:00 PM	573300.000	763.638	17.930
11/16/2016 1:30:00 PM	574200.000	763.046	18.030
11/16/2016 1:45:00 PM	575100.000	763.106	18.056
11/16/2016 2:00:00 PM	576000.000	763.032	18.170
11/16/2016 2:15:00 PM	576900.000	763.197	18.244
11/16/2016 2:30:00 PM	577800.000	763.020	18.323
11/16/2016 2:45:00 PM	578700.000	762.897	18.359
11/16/2016 3:00:00 PM	579600.000	763.026	18.370
11/16/2016 3:15:00 PM	580500.000	763.095	18.327
11/16/2016 3:30:00 PM	581400.000	763.065	18.239
11/16/2016 3:45:00 PM	582300.000	763.078	18.123
11/16/2016 4:00:00 PM	583200.000	763.065	17.999
11/16/2016 4:15:00 PM	584100.000	763.104	17.847
11/16/2016 4:30:00 PM	585000.000	763.095	17.755
11/16/2016 4:45:00 PM	585900.000	763.100	17.614
11/16/2016 5:00:00 PM	586800.000	762.977	17.485
11/16/2016 5:15:00 PM	587700.000	763.171	17.341
11/16/2016 5:30:00 PM	588600.000	763.383	17.208
11/16/2016 5:45:00 PM	589500.000	763.340	17.071

11/16/2016 6:00:00 PM	590400.000	763.800	16.937
11/16/2016 6:15:00 PM	591300.000	763.574	16.812
11/16/2016 6:30:00 PM	592200.000	763.685	16.668
11/16/2016 6:45:00 PM	593100.000	763.674	16.557
11/16/2016 7:00:00 PM	594000.000	763.745	16.402
11/16/2016 7:15:00 PM	594900.000	763.486	16.283
11/16/2016 7:30:00 PM	595800.000	763.858	16.192
11/16/2016 7:45:00 PM	596700.000	763.918	16.067
11/16/2016 8:00:00 PM	597600.000	763.921	15.910
11/16/2016 8:15:00 PM	598500.000	763.592	15.842
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11/16/2016 8:45:00 PM	600300.000	763.794	15.615
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11/16/2016 9:15:00 PM	602100.000	764.050	15.415
11/16/2016 9:30:00 PM	603000.000	764.116	15.297
11/16/2016 9:45:00 PM	603900.000	763.991	15.174
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11/16/2016 10:45:00 PM	607500.000	764.019	14.647
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11/16/2016 11:45:00 PM	611100.000	764.011	13.999

Serial_number:
2003874
Project ID:
MPWSP Monitoring Wells Barologge
Location:
MW-5M Baro
LEVEL
UNIT: psi
TEMPERATURE
UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE	Time modified from DST (-01:00)
11/9/2016	23:00:00	0	14.6966	12.458	*
11/9/2016	23:15:00	0	14.6954	12.457	*
11/9/2016	23:30:00	0	14.6943	12.482	*
11/9/2016	23:45:00	0	14.6953	12.476	*
11/10/2016	0:00:00	0	14.6953	12.48	*
11/10/2016	0:15:00	0	14.6976	12.491	*
11/10/2016	0:30:00	0	14.6986	12.375	*
11/10/2016	0:45:00	0	14.6976	12.188	*
11/10/2016	1:00:00	0	14.6971	12.063	*
11/10/2016	1:15:00	0	14.6961	11.954	*
11/10/2016	1:30:00	0	14.6945	11.869	*
11/10/2016	1:45:00	0	14.6926	11.809	*
11/10/2016	2:00:00	0	14.691	11.785	*
11/10/2016	2:15:00	0	14.6902	11.714	*
11/10/2016	2:30:00	0	14.6888	11.788	*
11/10/2016	2:45:00	0	14.6894	11.79	*
11/10/2016	3:00:00	0	14.6914	11.81	*
11/10/2016	3:15:00	0	14.6929	11.667	*
11/10/2016	3:30:00	0	14.6906	11.603	*
11/10/2016	3:45:00	0	14.6895	11.626	*
11/10/2016	4:00:00	0	14.6919	11.618	*
11/10/2016	4:15:00	0	14.6914	11.509	*
11/10/2016	4:30:00	0	14.6899	11.347	*
11/10/2016	4:45:00	0	14.6903	11.273	*
11/10/2016	5:00:00	0	14.6913	11.169	*
11/10/2016	5:15:00	0	14.6893	11.126	*
11/10/2016	5:30:00	0	14.6901	11.079	*
11/10/2016	5:45:00	0	14.6921	11.182	*
11/10/2016	6:00:00	0	14.6983	11.136	*
11/10/2016	6:15:00	0	14.7024	10.968	*
11/10/2016	6:30:00	0	14.7015	10.853	*
11/10/2016	6:45:00	0	14.7023	10.808	*
11/10/2016	7:00:00	0	14.703	10.846	*
11/10/2016	7:15:00	0	14.7027	11.146	*

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11/10/2016	7:45:00	0	14.7072	12.676	*
11/10/2016	8:00:00	0	14.7072	13.716	*
11/10/2016	8:15:00	0	14.7067	14.692	*
11/10/2016	8:30:00	0	14.7047	15.619	*
11/10/2016	8:45:00	0	14.7056	16.466	*
11/10/2016	9:00:00	0	14.7049	17.731	*
11/10/2016	9:15:00	0	14.7024	18.976	*
11/10/2016	9:30:00	0	14.6999	20.221	*
11/10/2016	9:45:00	0	14.6981	21.378	*
11/10/2016	10:00:00	0	14.6976	22.369	*
11/10/2016	10:15:00	0	14.6952	23.357	*
11/10/2016	10:30:00	0	14.6936	24.364	*
11/10/2016	10:45:00	0	14.6921	25.524	*
11/10/2016	11:00:00	0	14.6861	26.686	*
11/10/2016	11:15:00	0	14.6831	27.635	*
11/10/2016	11:30:00	0	14.6801	28.64	*
11/10/2016	11:45:00	0	14.6766	30.054	*
11/10/2016	12:00:00	0	14.6707	31.727	*
11/10/2016	12:15:00	0	14.6708	32.635	*
11/10/2016	12:30:00	0	14.6757	29.441	*
11/10/2016	12:45:00	0	14.6759	27.159	*
11/10/2016	13:00:00	0	14.6747	26.734	*
11/10/2016	13:15:00	0	14.6761	25.816	*
11/10/2016	13:30:00	0	14.6794	24.282	*
11/10/2016	13:45:00	0	14.6806	23.554	*
11/10/2016	14:00:00	0	14.6809	22.338	*
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11/10/2016	15:00:00	0	14.6874	19.011	*
11/10/2016	15:15:00	0	14.6883	18.417	*
11/10/2016	15:30:00	0	14.69	17.961	*
11/10/2016	15:45:00	0	14.6904	17.698	*
11/10/2016	16:00:00	0	14.692	17.455	*
11/10/2016	16:15:00	0	14.6927	17.261	*
11/10/2016	16:30:00	0	14.6928	17.154	*
11/10/2016	16:45:00	0	14.6928	17.046	*
11/10/2016	17:00:00	0	14.6951	16.813	*
11/10/2016	17:15:00	0	14.6957	16.545	*
11/10/2016	17:30:00	0	14.7017	16.937	*
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11/10/2016	18:30:00	0	14.7003	15.28	
11/10/2016	18:45:00	0	14.7008	15.021	
11/10/2016	19:00:00	0	14.699	14.781	

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11/10/2016	20:00:00	0	14.7	13.703
11/10/2016	20:15:00	0	14.7011	13.446
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11/10/2016	20:45:00	0	14.7035	13.052
11/10/2016	21:00:00	0	14.7045	12.865
11/10/2016	21:15:00	0	14.7045	12.623
11/10/2016	21:30:00	0	14.7071	12.555
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11/10/2016	22:00:00	0	14.7081	12.511
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11/11/2016	2:00:00	0	14.7113	12.952
11/11/2016	2:15:00	0	14.7091	13.003
11/11/2016	2:30:00	0	14.7071	12.966
11/11/2016	2:45:00	0	14.7051	12.871
11/11/2016	3:00:00	0	14.7042	12.835
11/11/2016	3:15:00	0	14.7022	12.748
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11/11/2016	3:45:00	0	14.6989	12.445
11/11/2016	4:00:00	0	14.6994	12.26
11/11/2016	4:15:00	0	14.699	12.066
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11/11/2016	5:00:00	0	14.6971	11.304
11/11/2016	5:15:00	0	14.6987	11.104
11/11/2016	5:30:00	0	14.6991	10.919
11/11/2016	5:45:00	0	14.6988	10.764
11/11/2016	6:00:00	0	14.7004	10.688
11/11/2016	6:15:00	0	14.702	10.739
11/11/2016	6:30:00	0	14.7043	10.685
11/11/2016	6:45:00	0	14.7047	10.516

11/11/2016	7:00:00	0	14.7055	10.467
11/11/2016	7:15:00	0	14.707	10.733
11/11/2016	7:30:00	0	14.7098	11.214
11/11/2016	7:45:00	0	14.7111	11.512
11/11/2016	8:00:00	0	14.712	11.882
11/11/2016	8:15:00	0	14.7139	12.515
11/11/2016	8:30:00	0	14.7157	13.589
11/11/2016	8:45:00	0	14.7173	14.99
11/11/2016	9:00:00	0	14.7171	16.398
11/11/2016	9:15:00	0	14.7195	17.724
11/11/2016	9:30:00	0	14.7198	19.035
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