MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 85

7-December-16 - 14-December-16

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

December 20, 2016

PREPARED FOR:
California American Water

CALIFORNIA AMERICAN WATER

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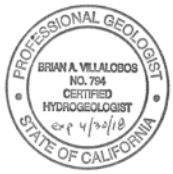

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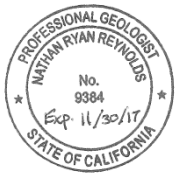

Nathan Reynolds, PG
Project Manager

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

www.watersupplyproject.org

MONTEREY PENINSULA
WATER SUPPLY PROJECT

TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 85
7-DECEMBER-16 - 14-DECEMBER-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 7-December-16 through 14-December-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

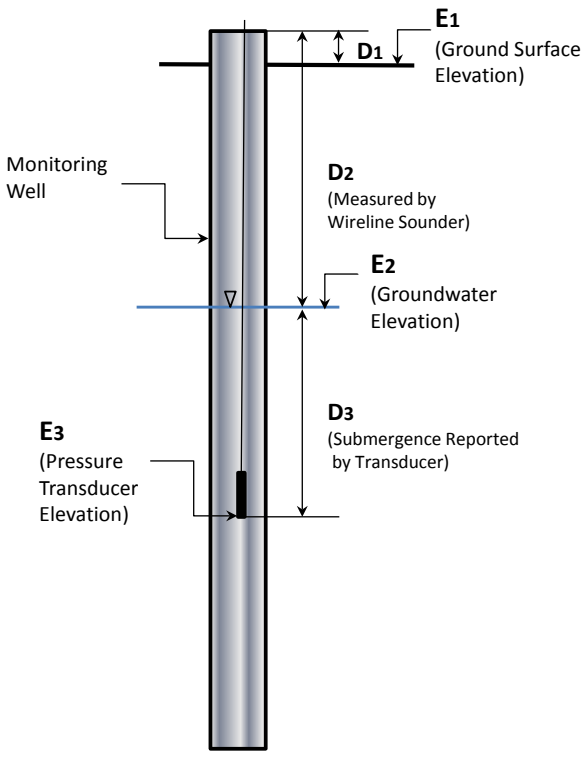
All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in each weekly monitoring report. Figures 2-1 to 2-8 show graphical plots of groundwater elevations 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. 85 (this report), is the eighty-fifth 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:



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

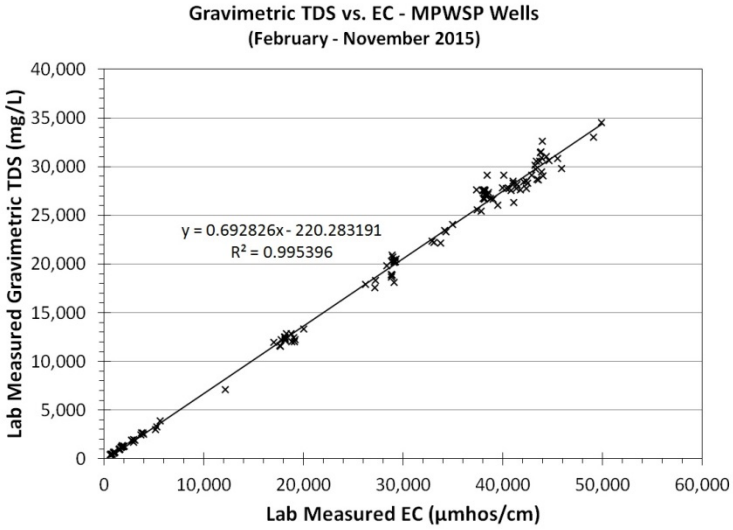
Once the transducer elevation has been established, groundwater elevations in ft NAVD88 are calculated from transducer submergence readings (*D3*) (psi converted to ft) and depth to water measurements (*D2*) as follows:

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

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

W:\GIS_proj\mcwsp_cal_am\rbf_wl_monitoring\Long Term_Monitoring_Rpt_No85_12-20-16\1_Fig_1-1_MonWells_12-20-16.mxd

20-Dec-16

Pacific Ocean

Nashua Rd

Monte Rd

MW-9

MW-8

MW-5

Stilling Well

CEMEX Site

MW-1

MW-3

MW-4

Test Slant Well

CEMEX Wells

Lapis Rd

Del Monte Blvd

Charles Benson Rd

MW-7

Monterey Peninsula Landfill

MRWPCA Wells

Salinas River

McFadden Rd

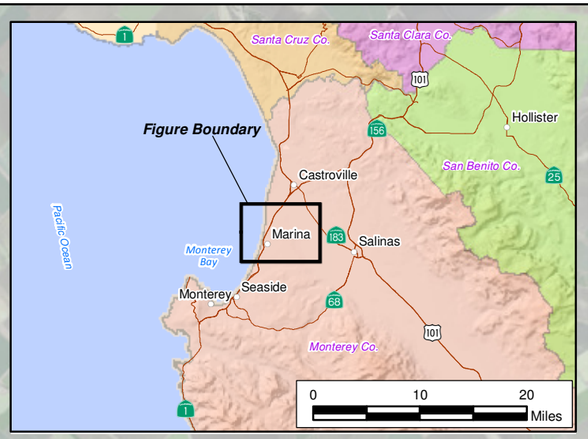
Cooper Rd

W Blanco Rd

MW-6

Reservation Rd

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



CEMEX Inset

Stilling Well

CEMEX Dredge Pond

MW-1D

MW-1M

MW-1S

Test Slant Well

MW-3S

MW-3M

MW-3D

MW-4D

MW-4M

MW-4S

CEMEX North Well

CEMEX South Well

0 500 1,000 Feet

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

EXPLANATION

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

N

0 3,000 6,000 Feet

MPWSP GROUNDWATER MONITORING NETWORK

CALIFORNIA AMERICAN WATER

MONTEREY PENINSULA WATER SUPPLY PROJECT

FIGURE 1

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Groundwater Elevation in MPWSP MW-1

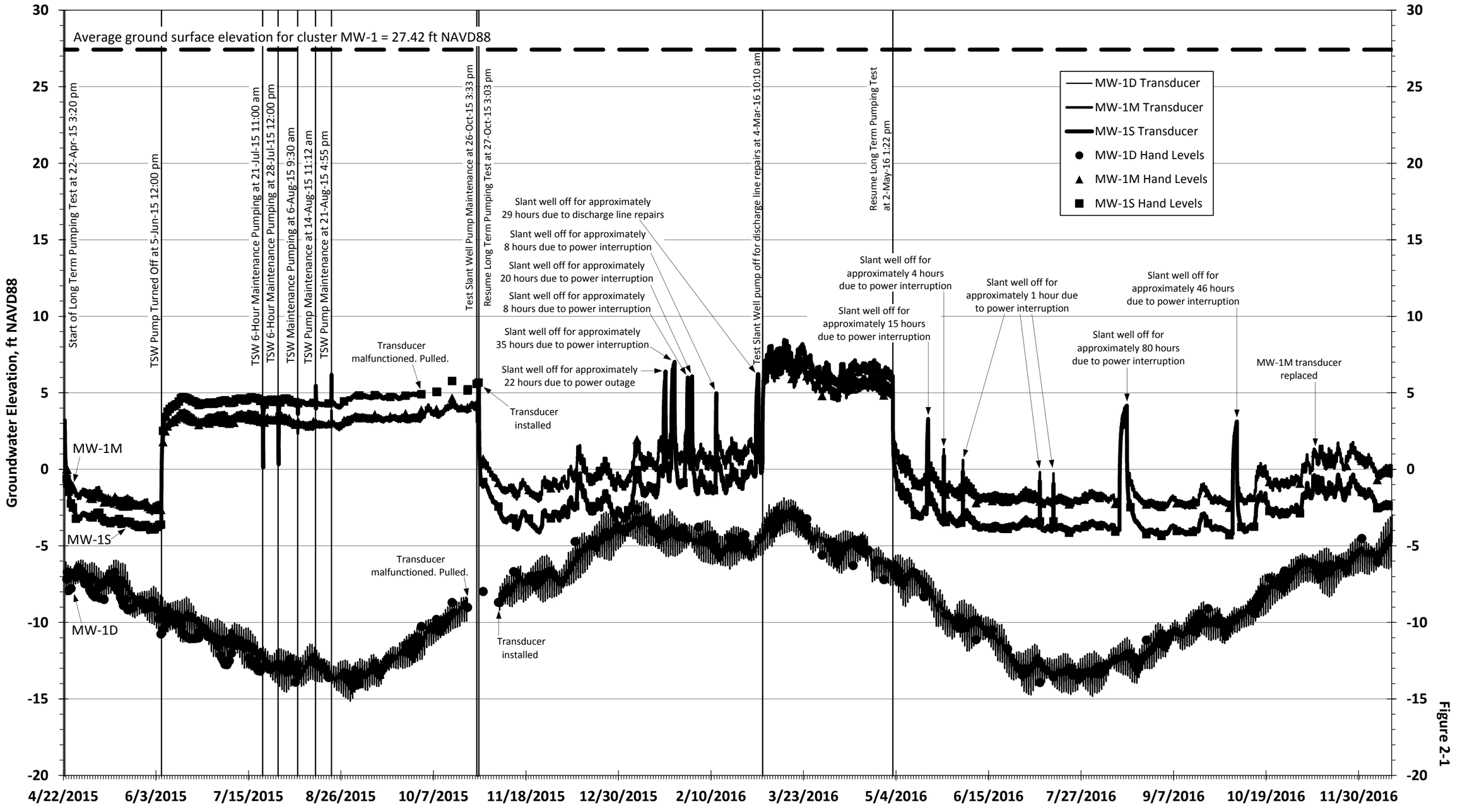

Figure 2-1

Groundwater Elevation in MPWSP MW-3

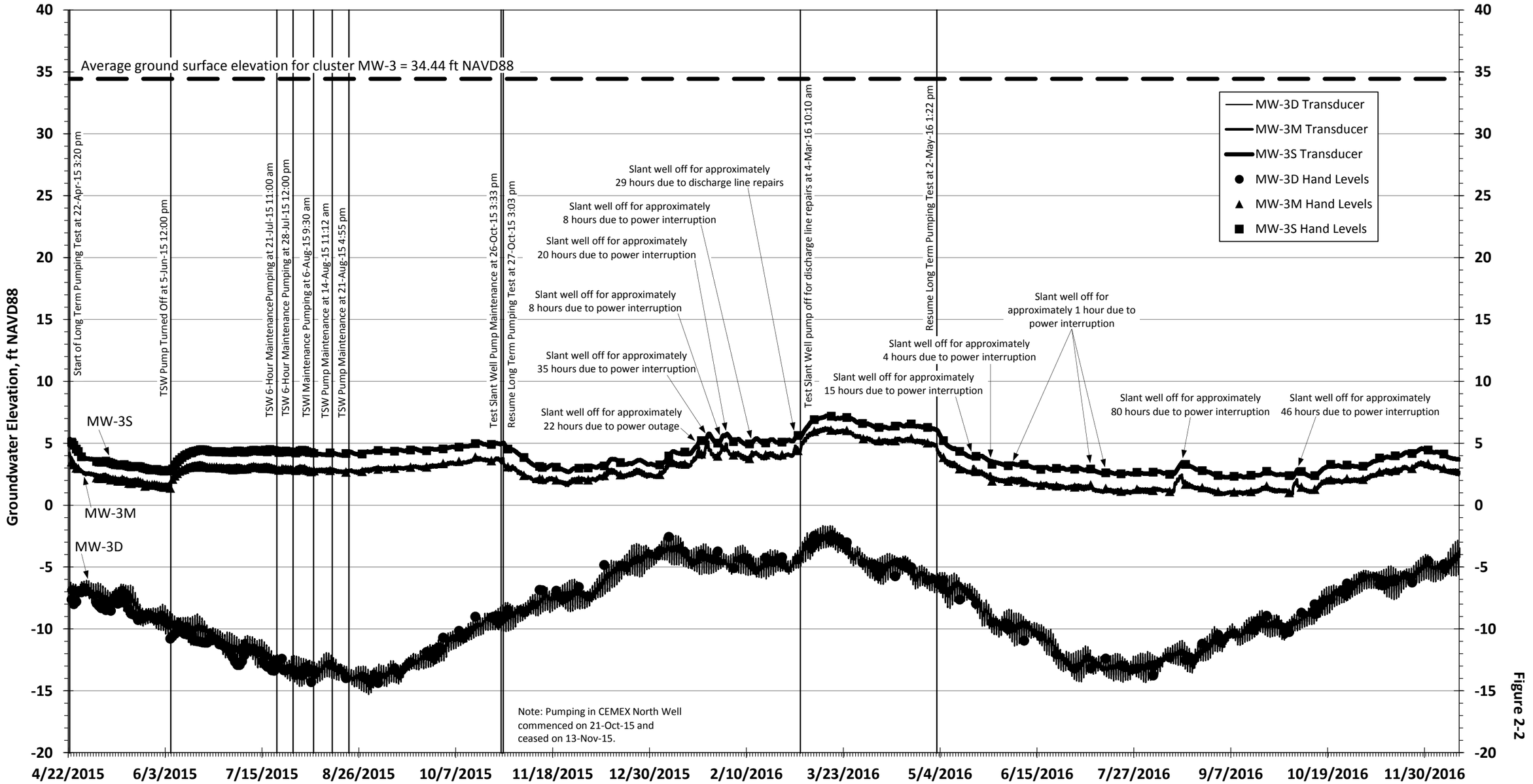

Figure 2-2

Groundwater Elevation in MPWSP MW-4

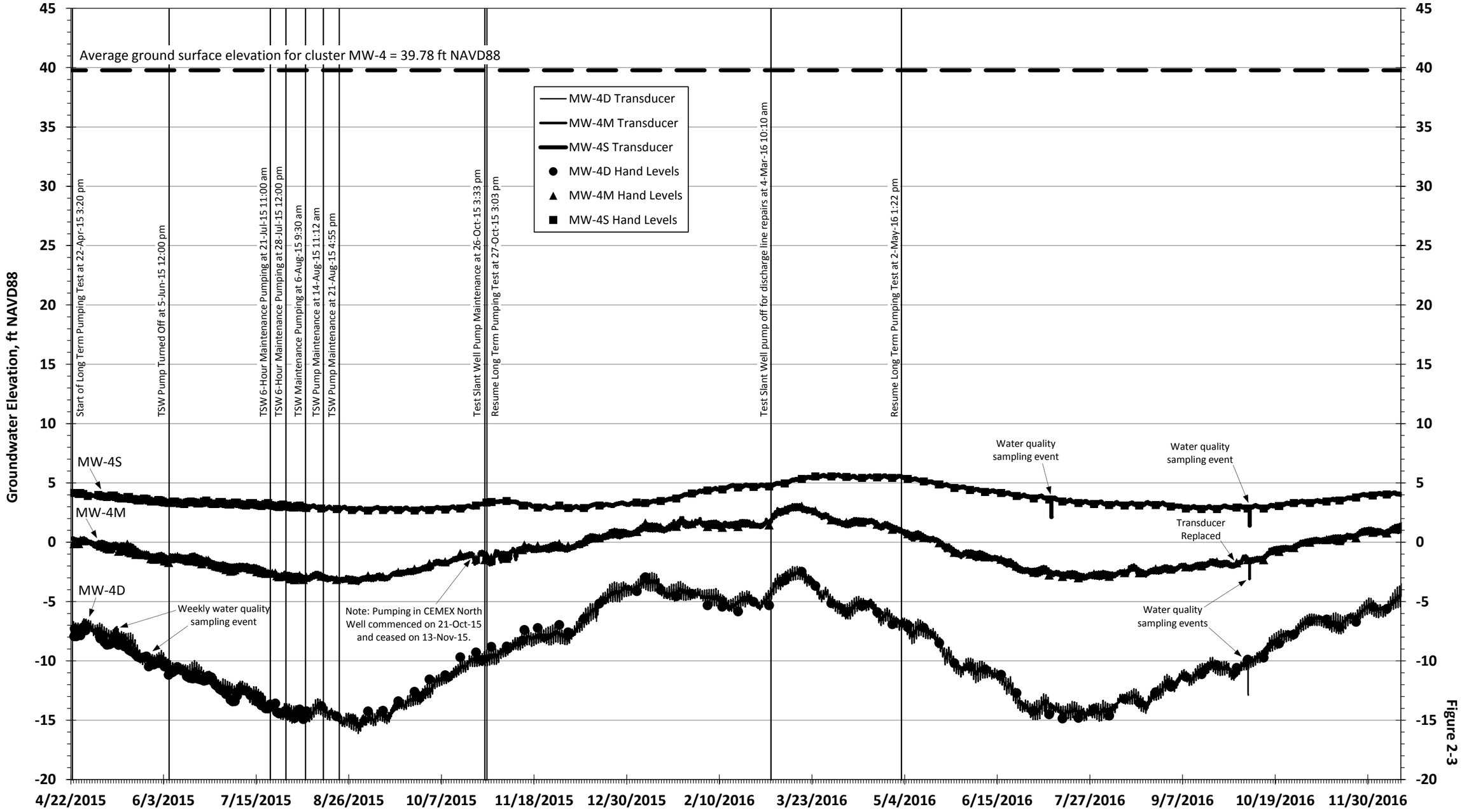

Figure 2-3

Groundwater Elevation in MPWSP MW-5

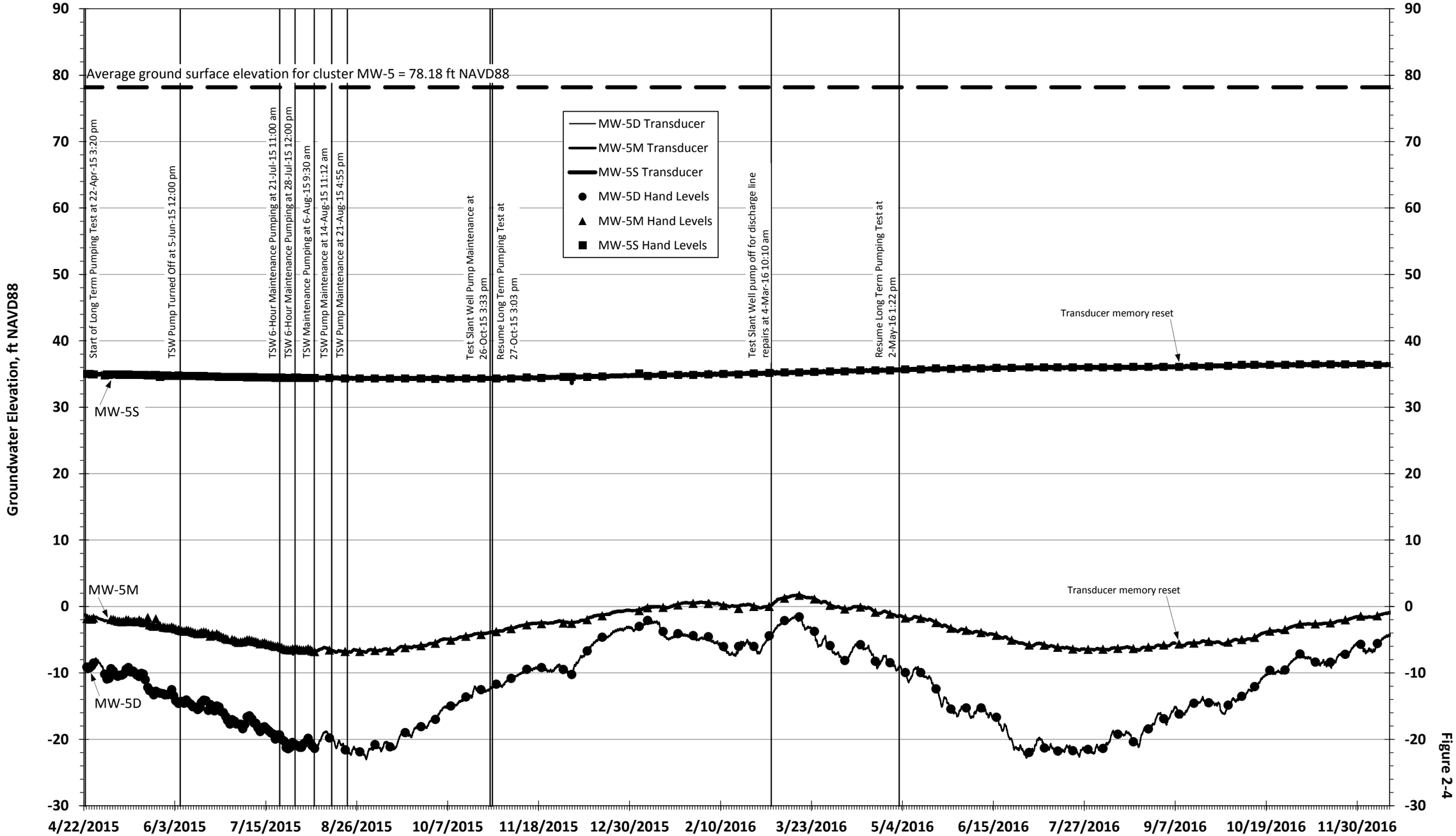

Figure 2-4

Groundwater Elevation in MPWSP MW-6

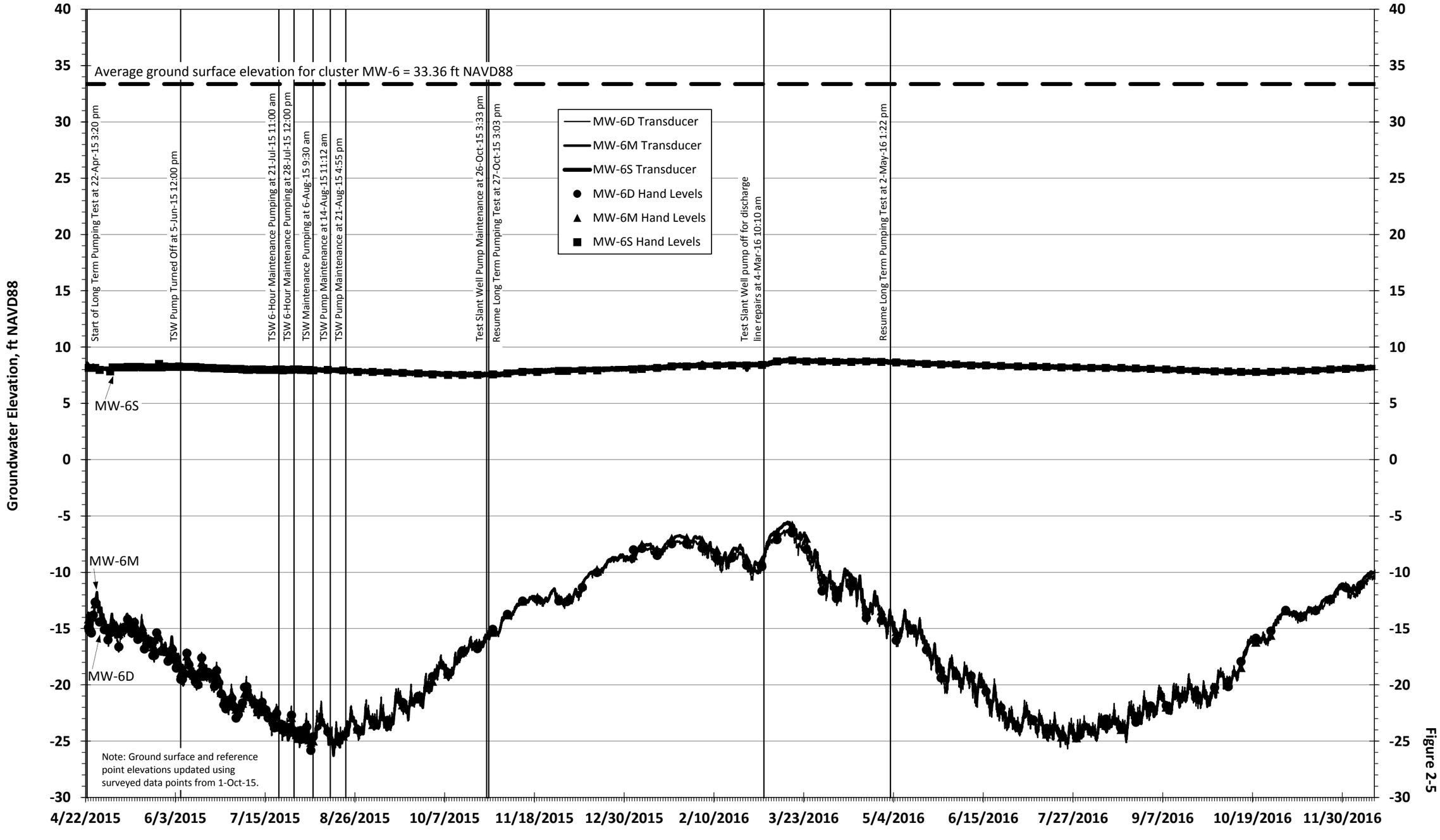

Figure 2-5

Groundwater Elevation in MPWSP MW-7

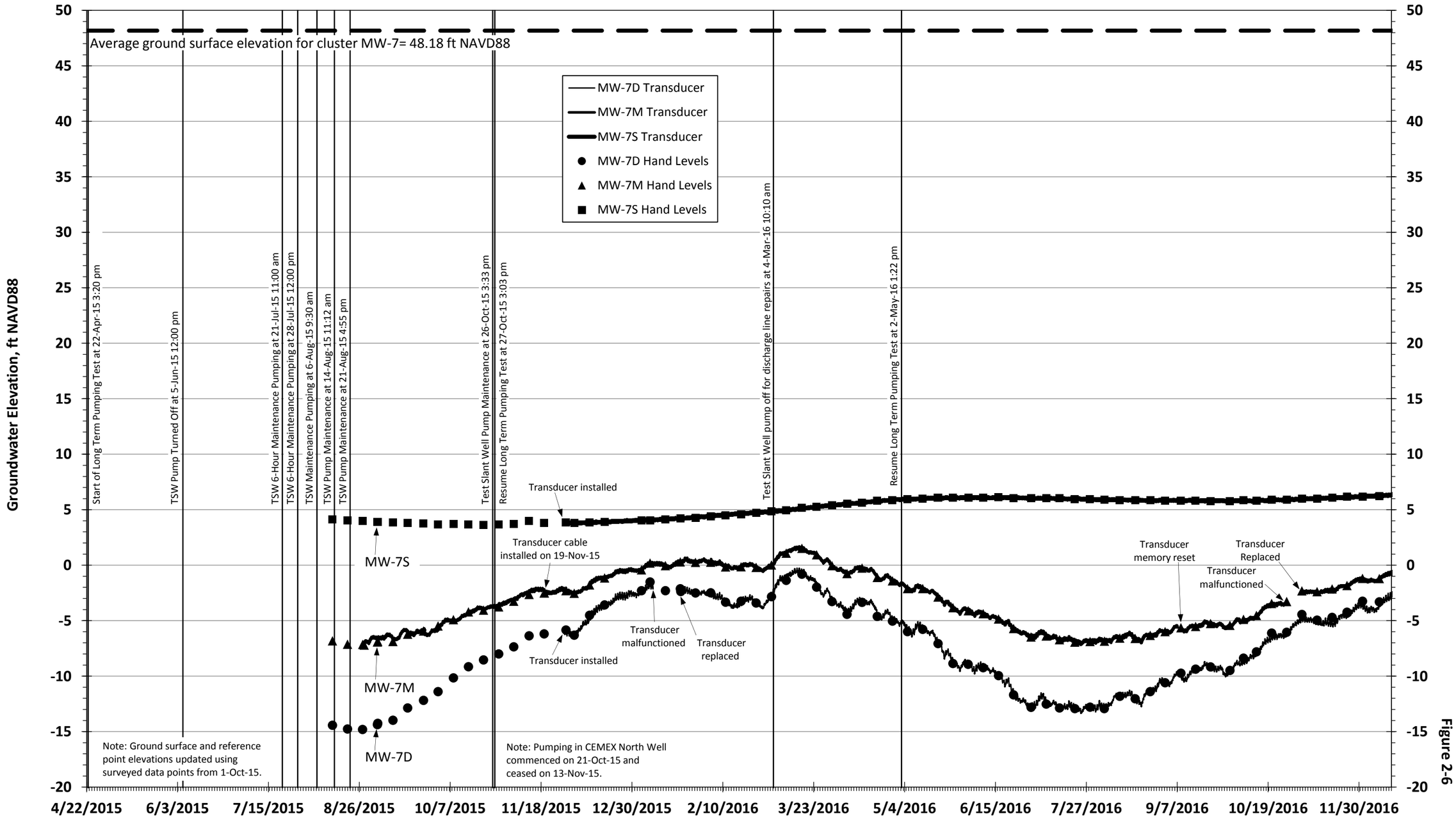

Figure 2-6

Groundwater Elevation in MPWSP MW-8

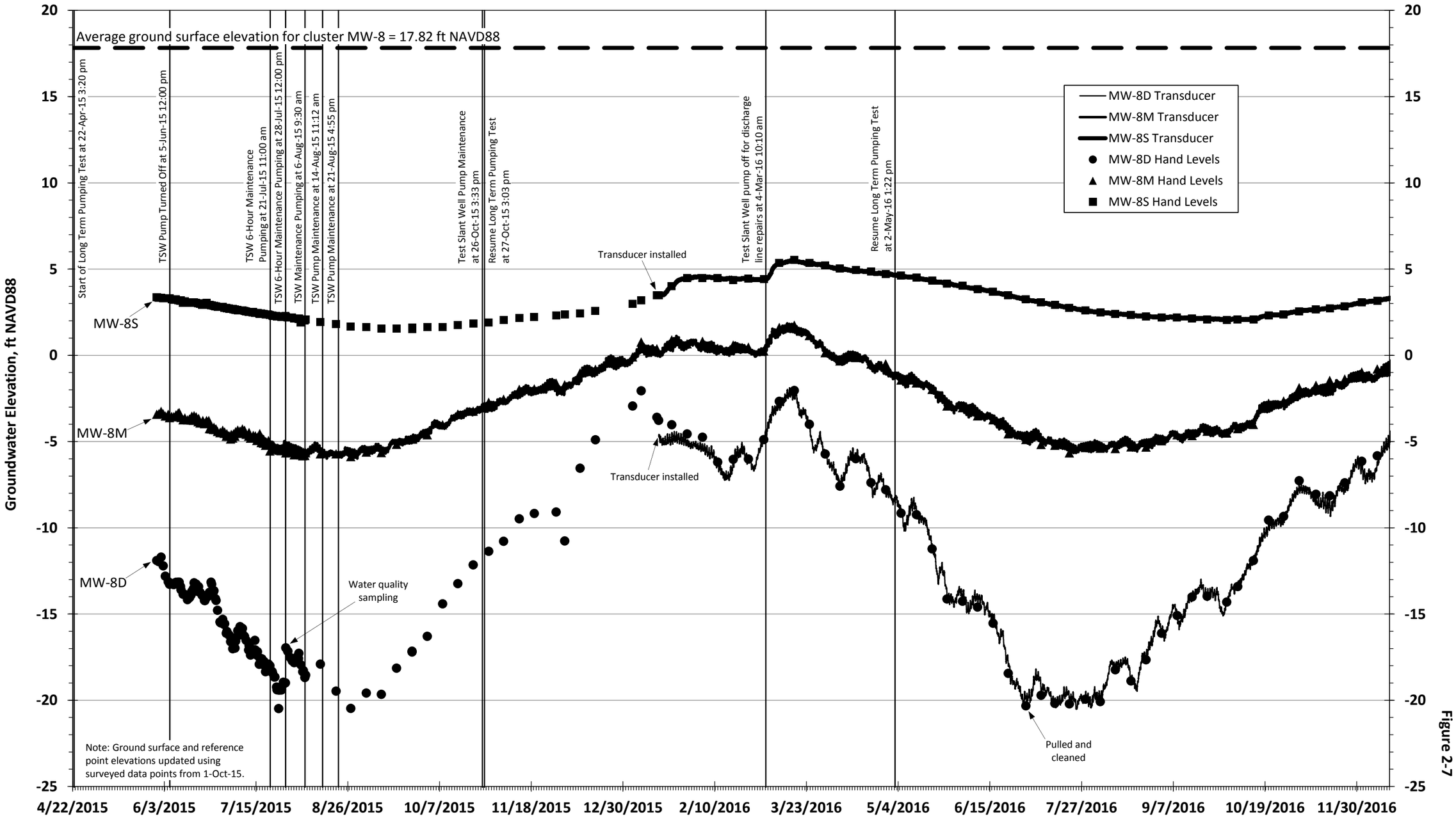

Figure 2-7

Groundwater Elevation in MPWSP MW-9

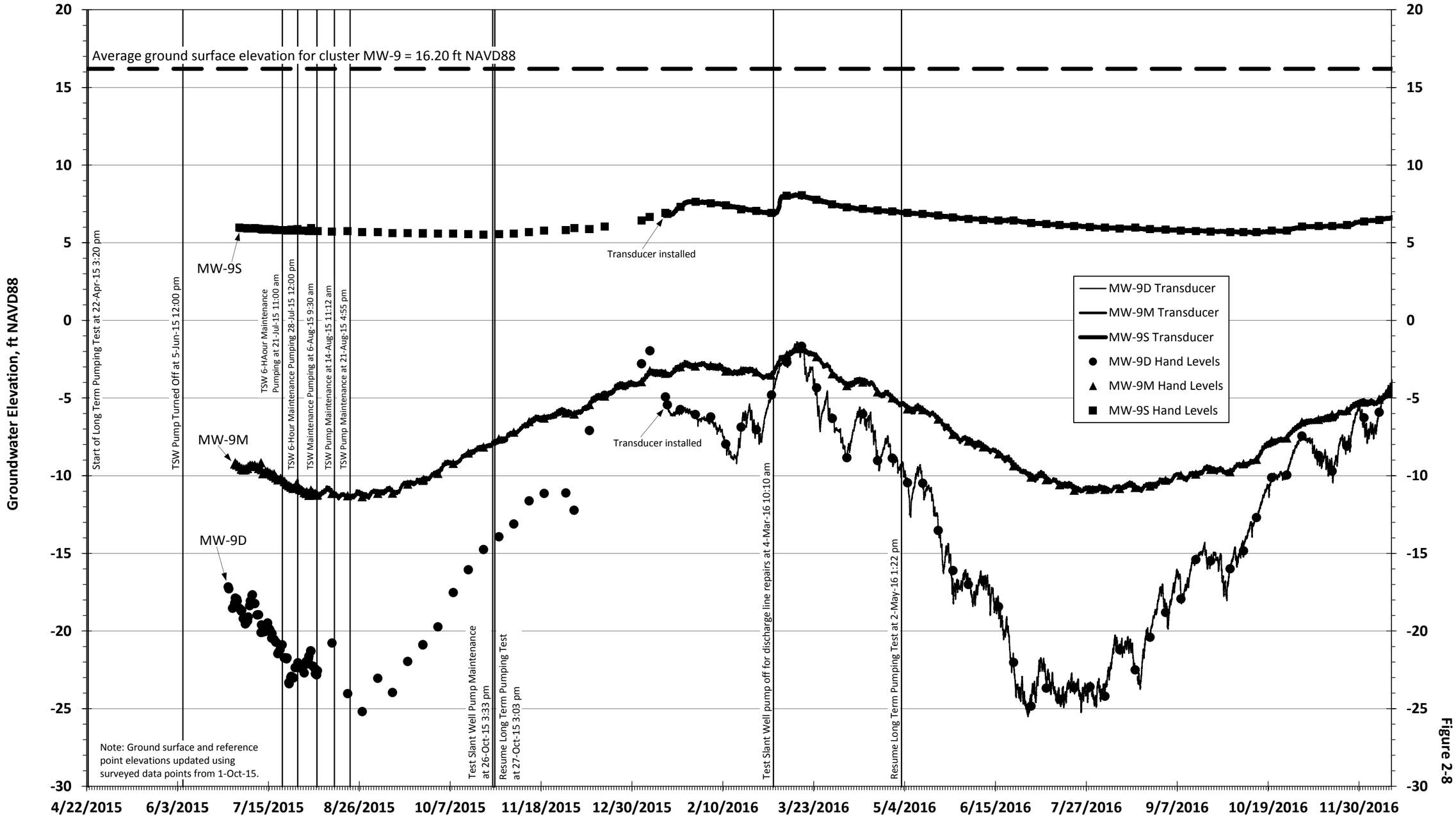

Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

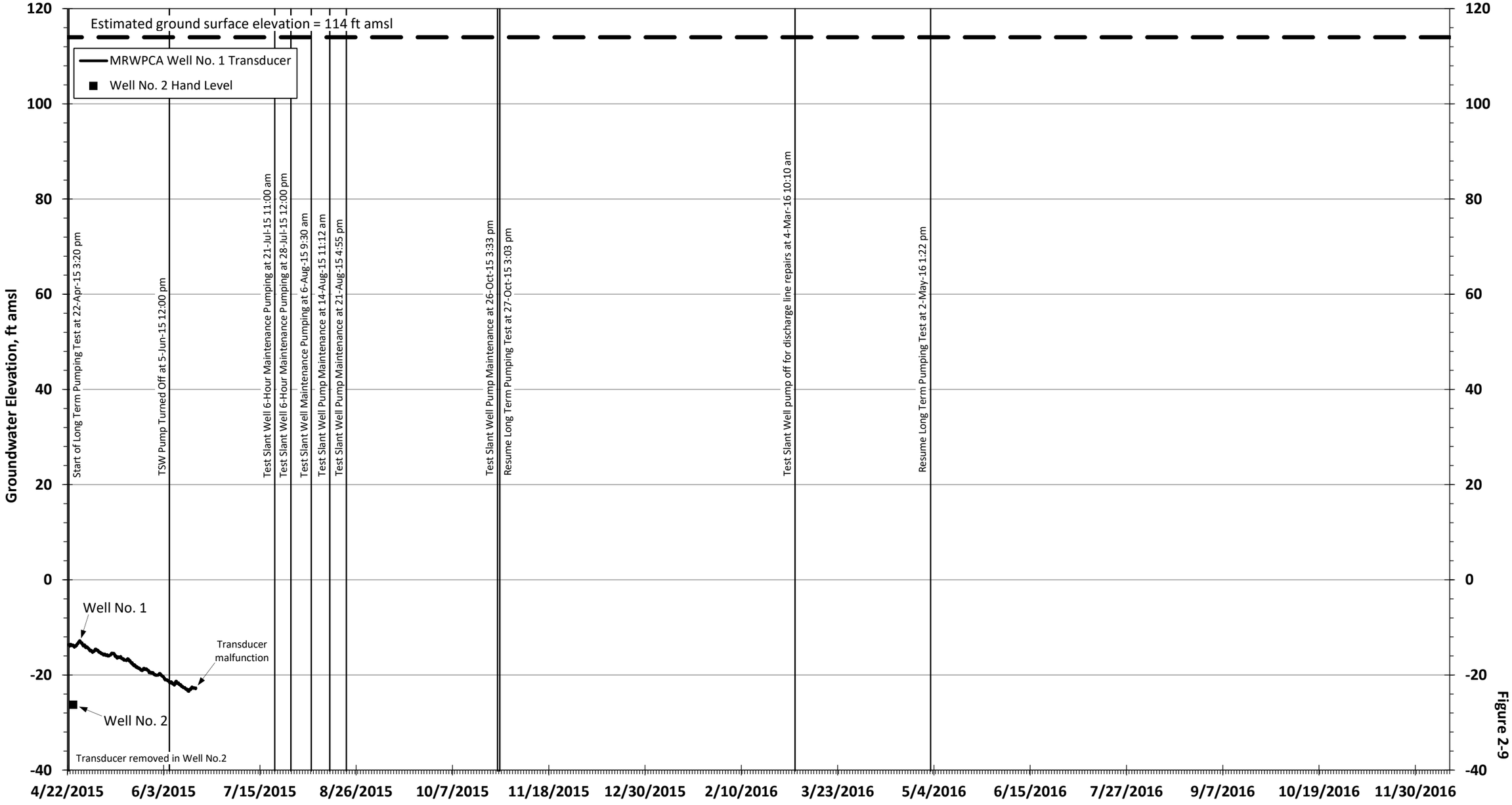

Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

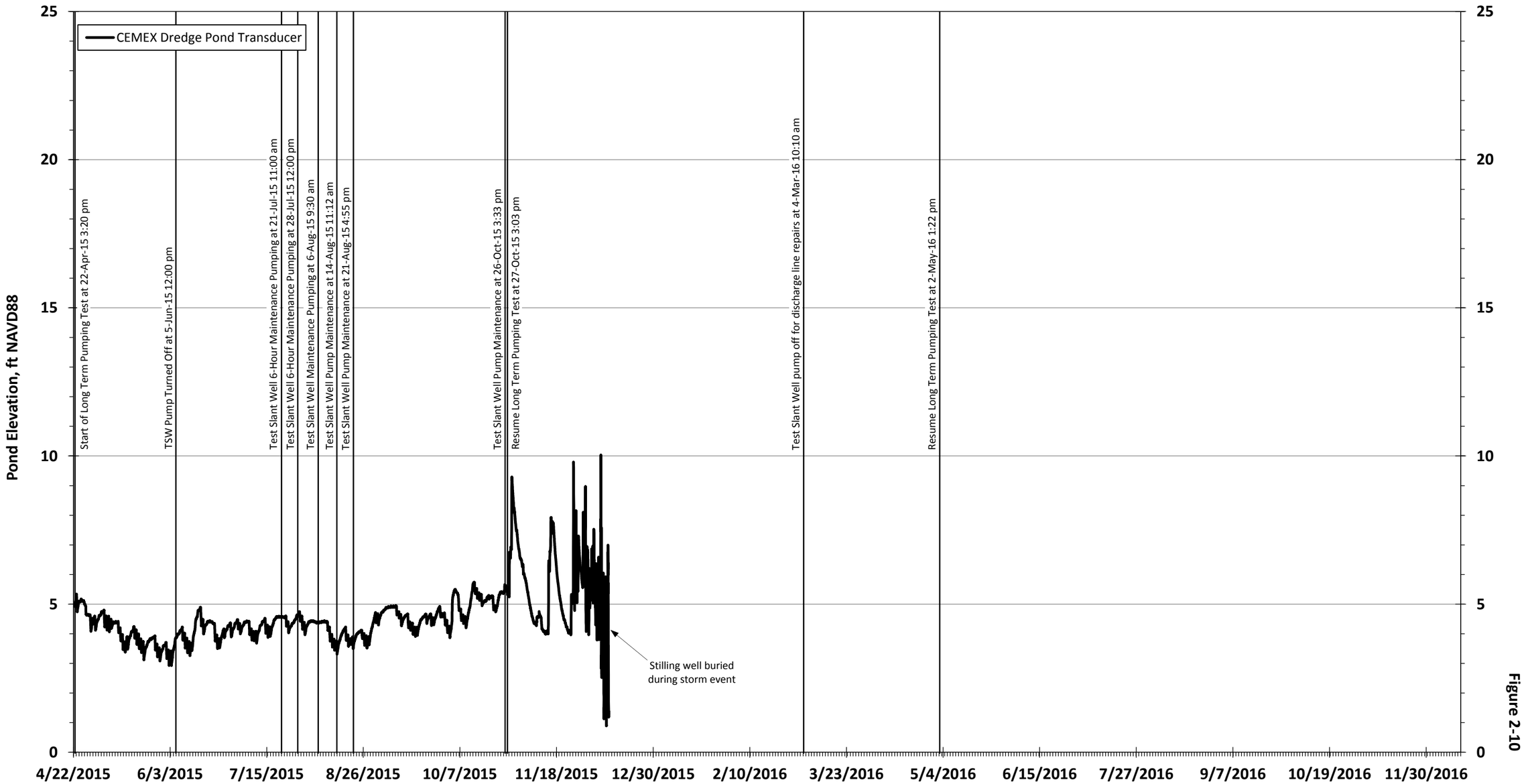

Figure 2-10

Groundwater Elevation in CEMEX North Well

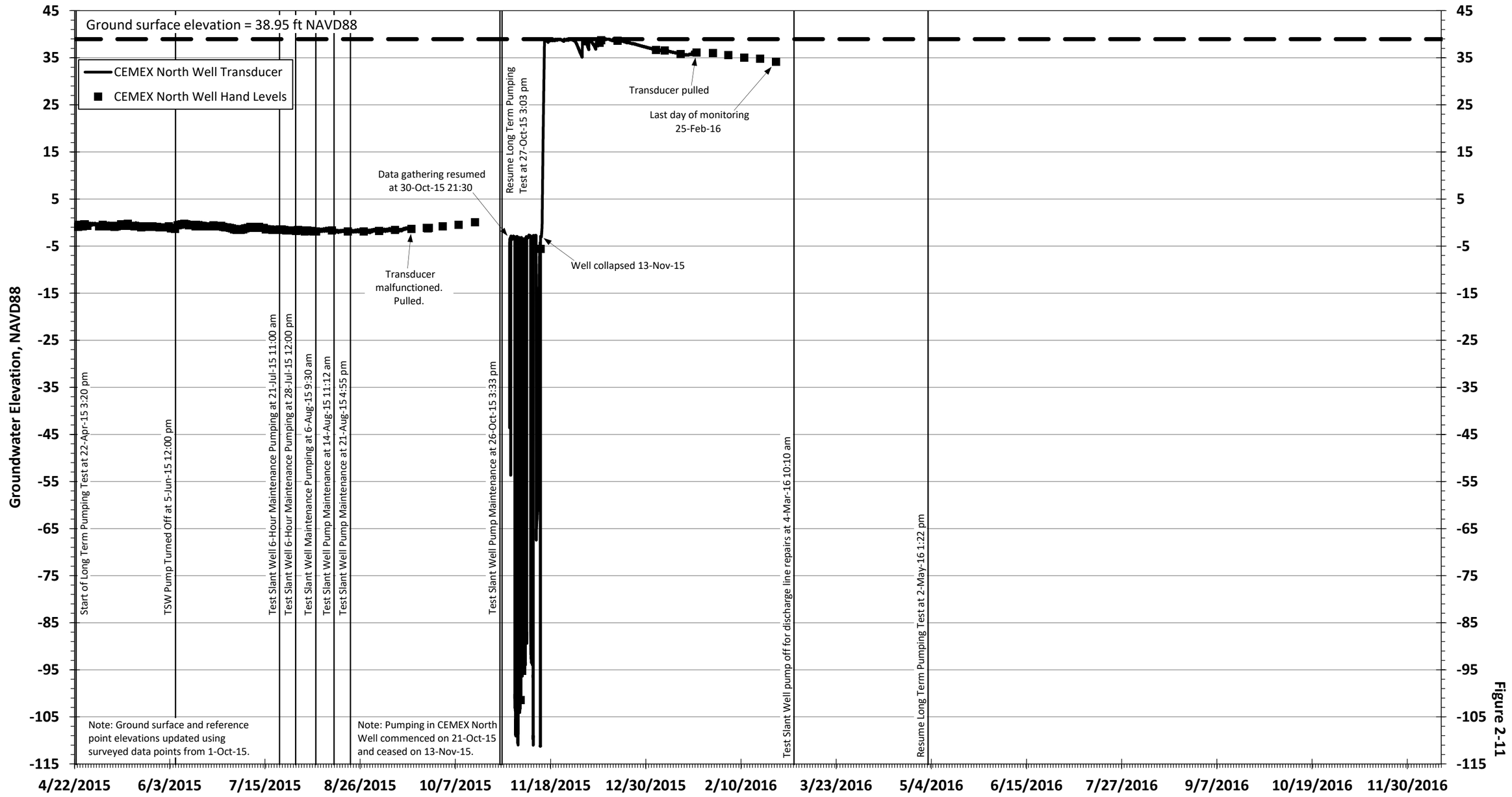

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

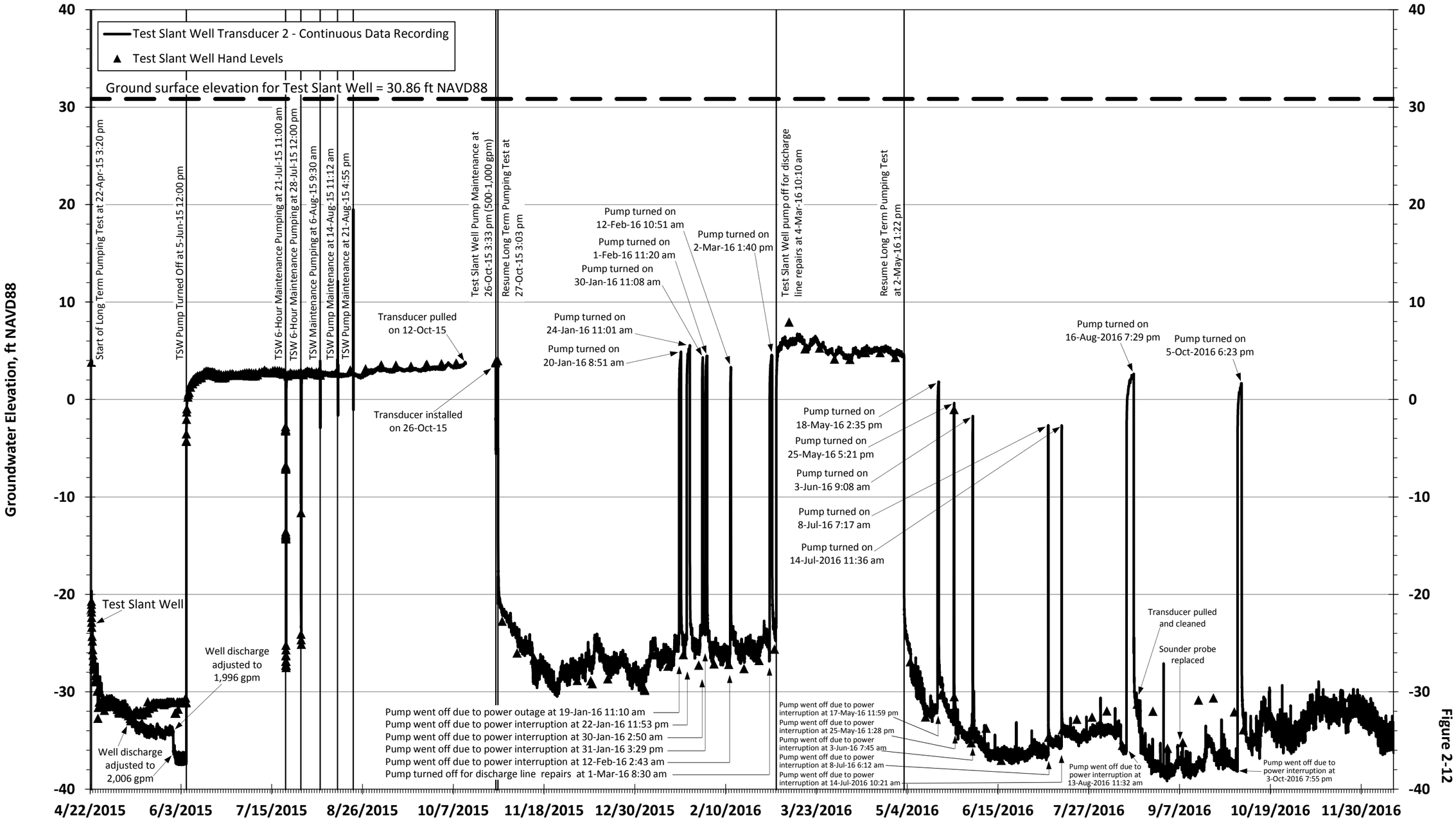

Figure 2-12

Specific Conductivity in MPWSP MW-1

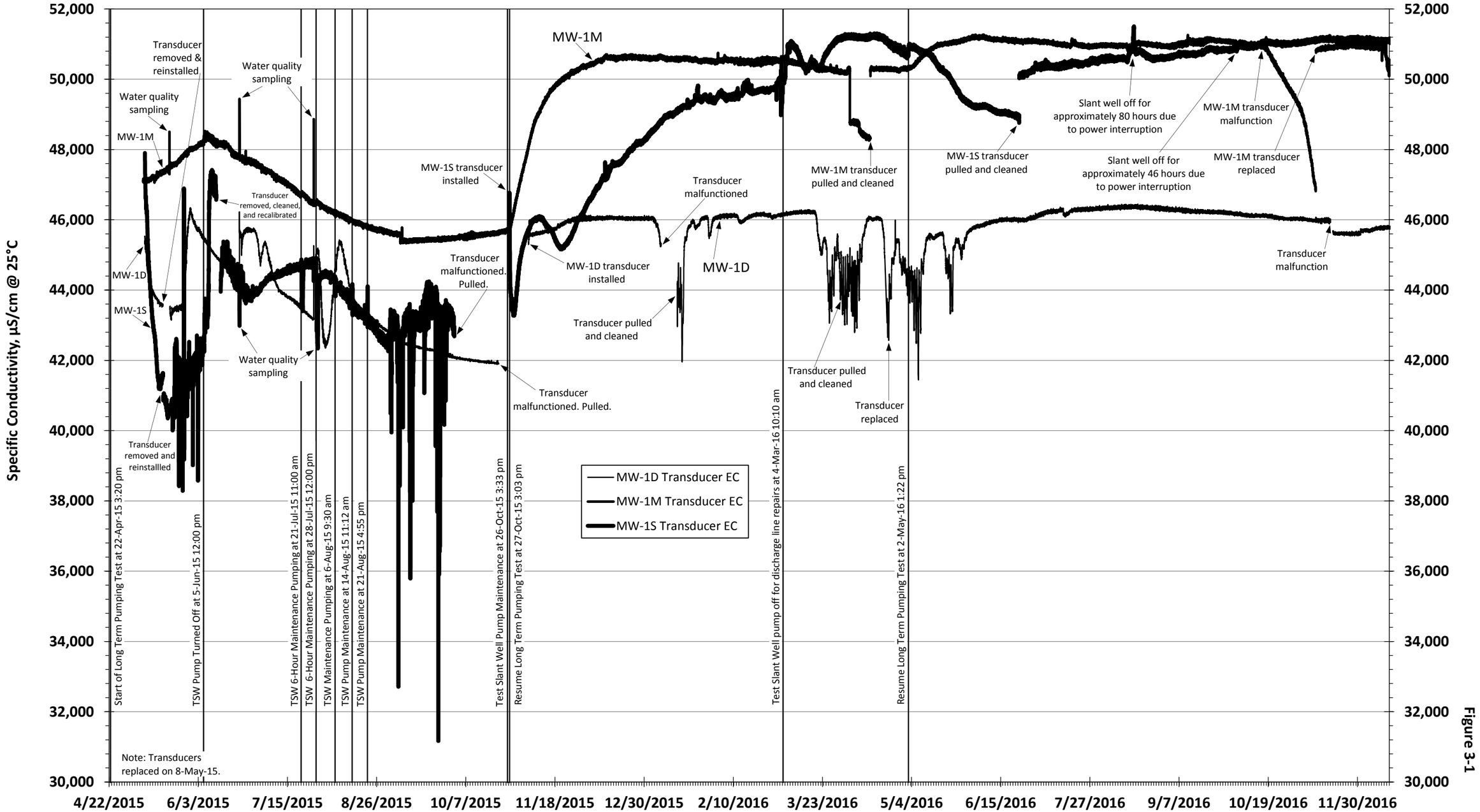

Figure 3-1

Specific Conductivity in MPWSP MW-3

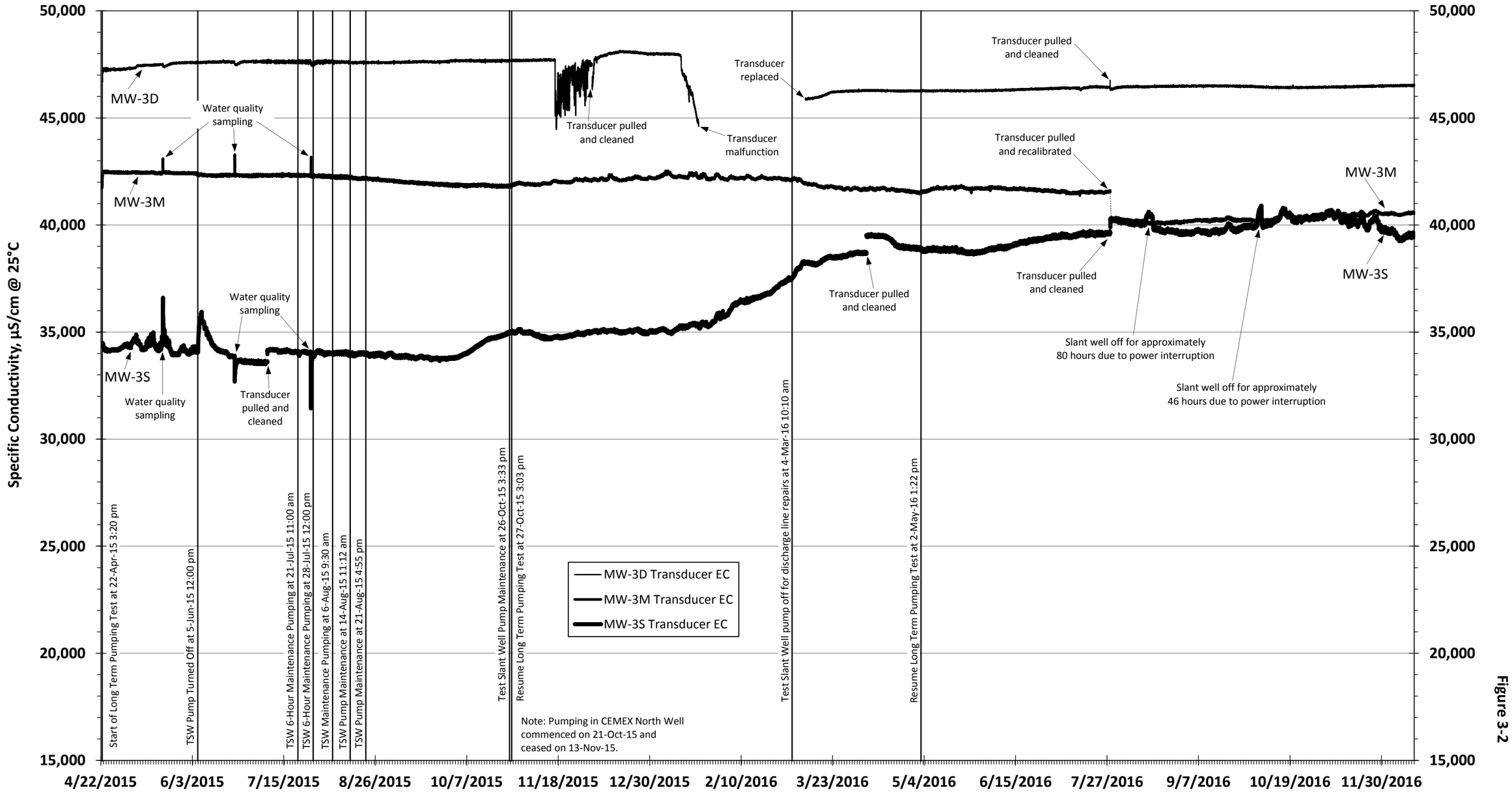

Figure 3-2

Specific Conductivity in MPWSP MW-4

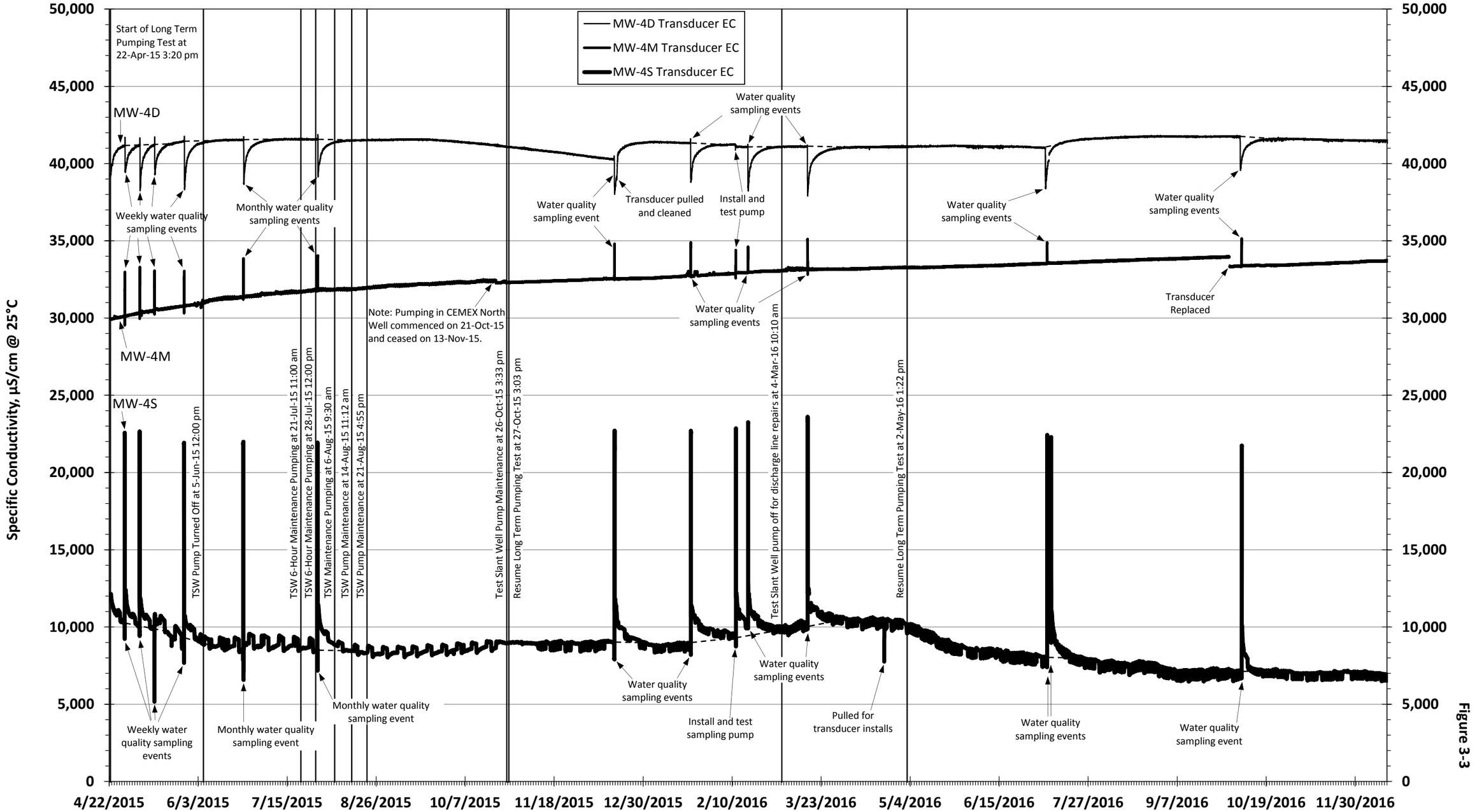

Figure 3-3

Specific Conductivity in MPWSP MW-5

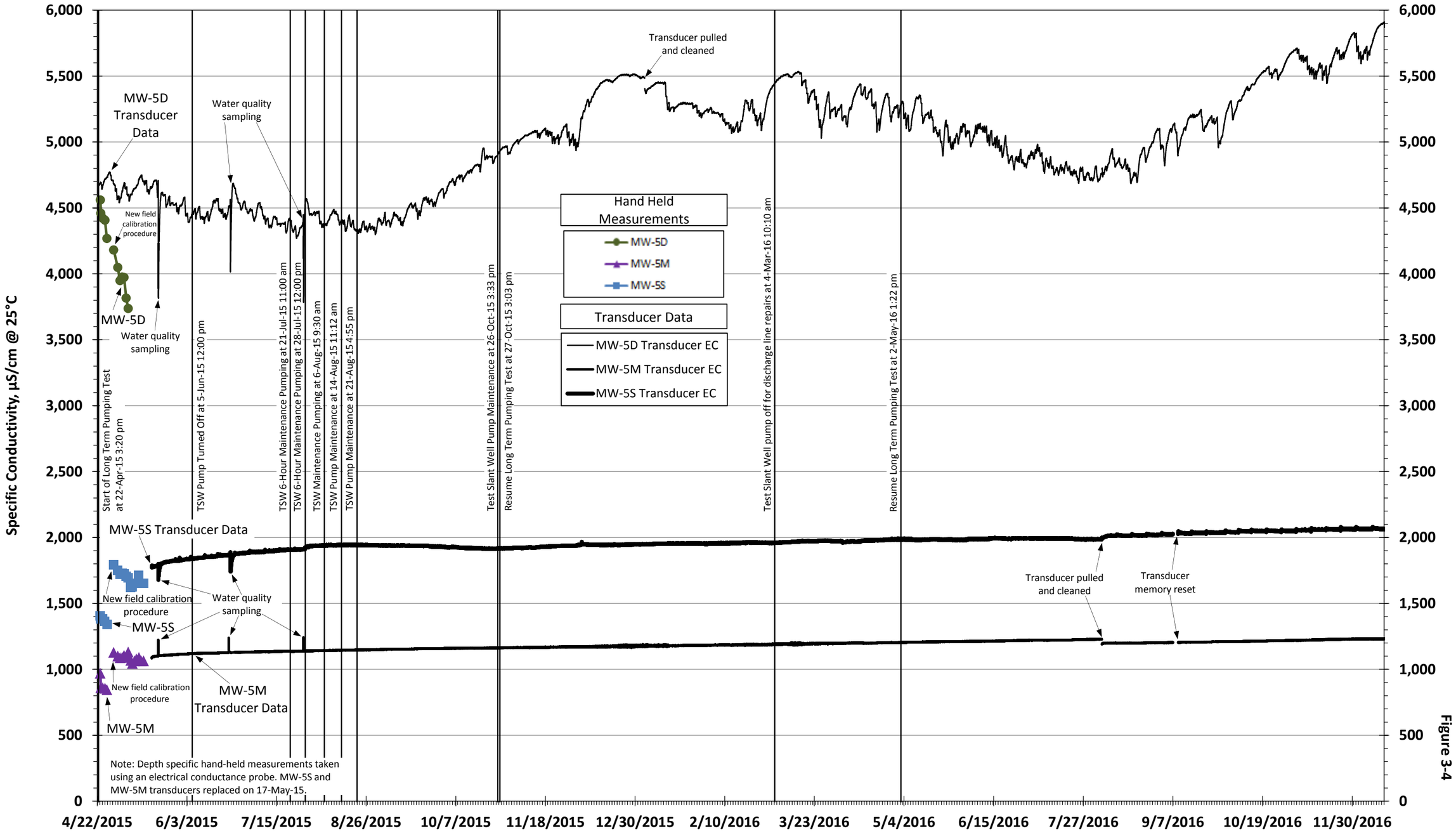

Figure 3-4

Specific Conductivity in MPWSP MW-6

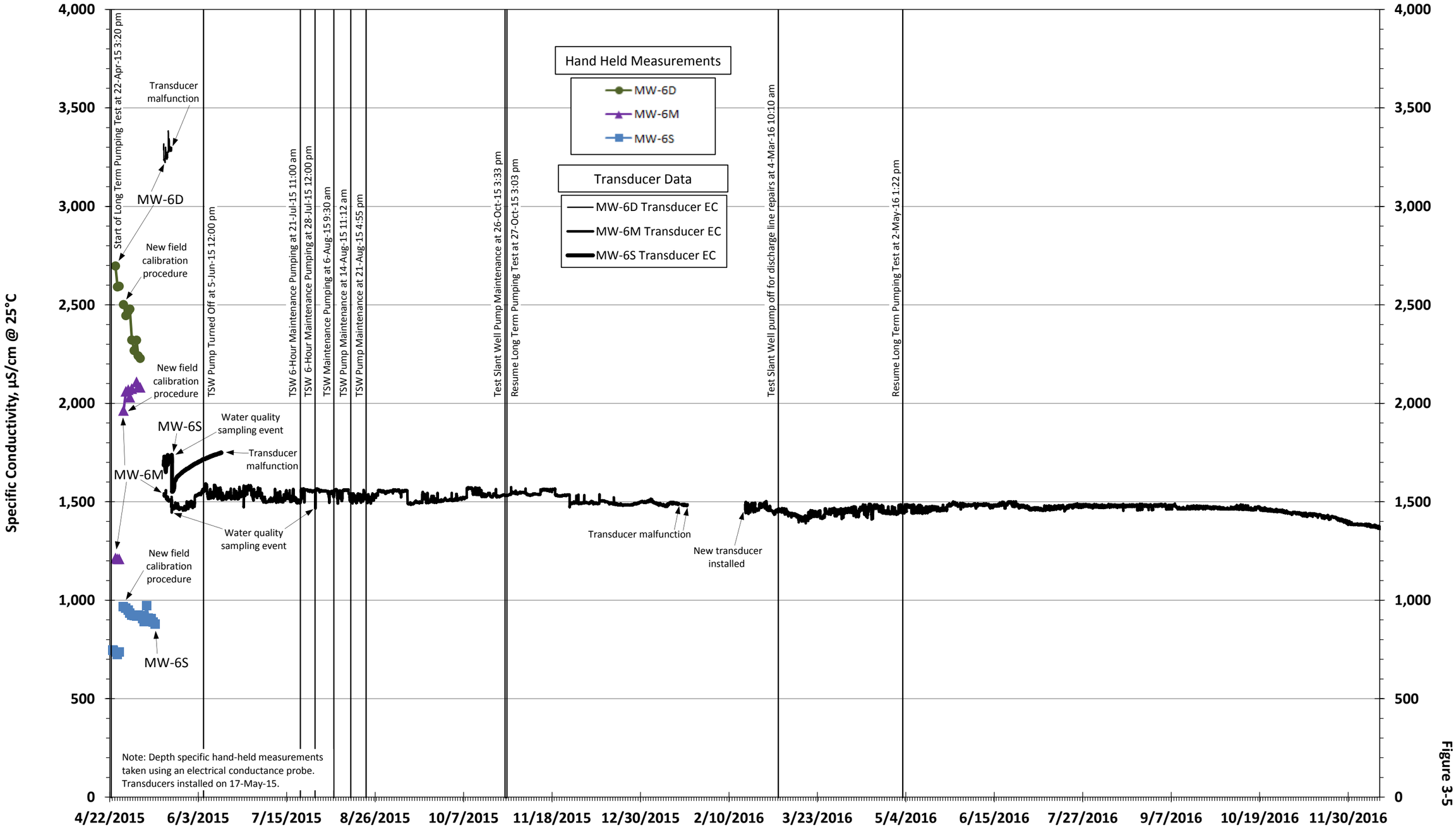

Figure 3-5

Specific Conductivity in MPWSP MW-7

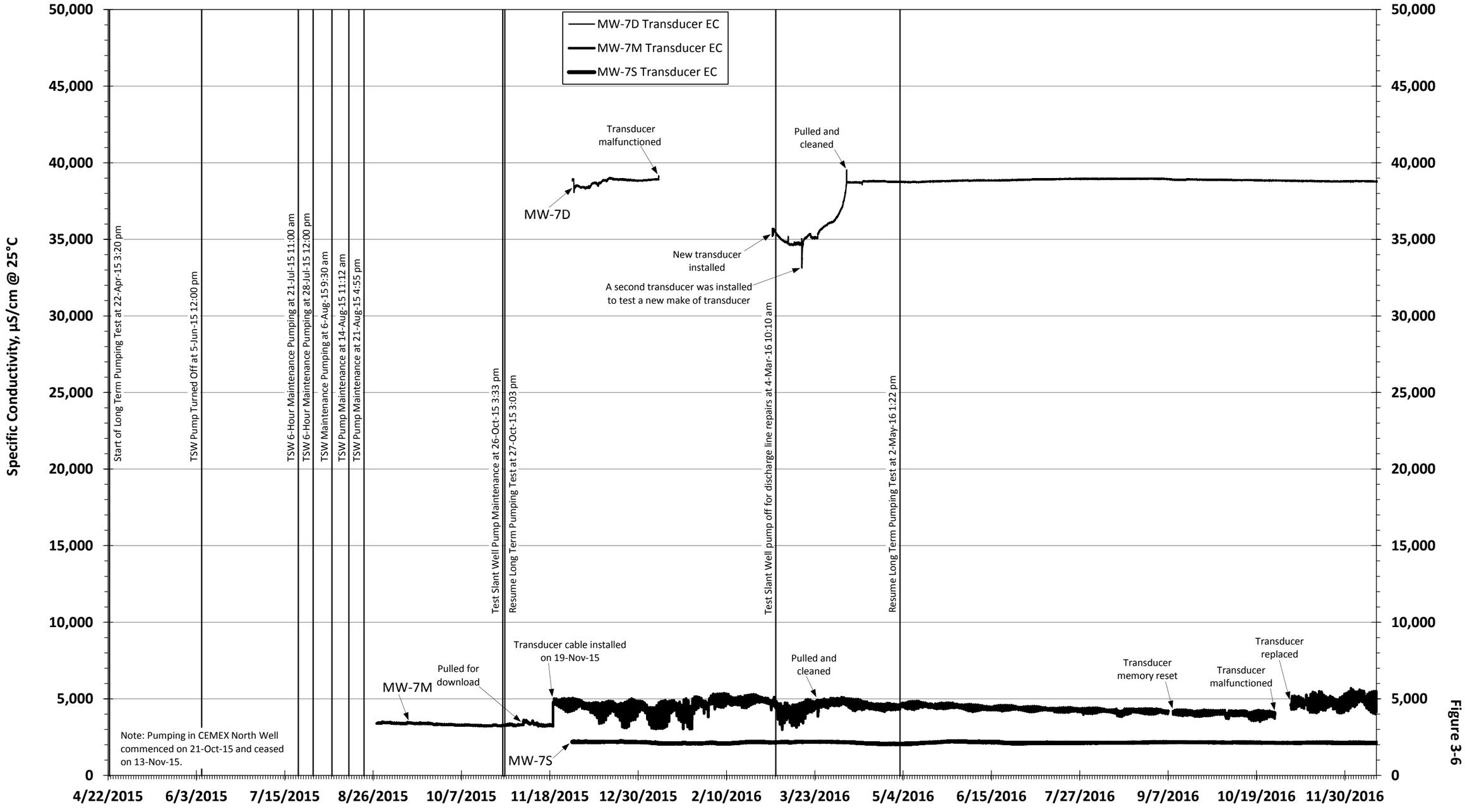

Figure 3-6

Specific Conductivity in MPWSP MW-8

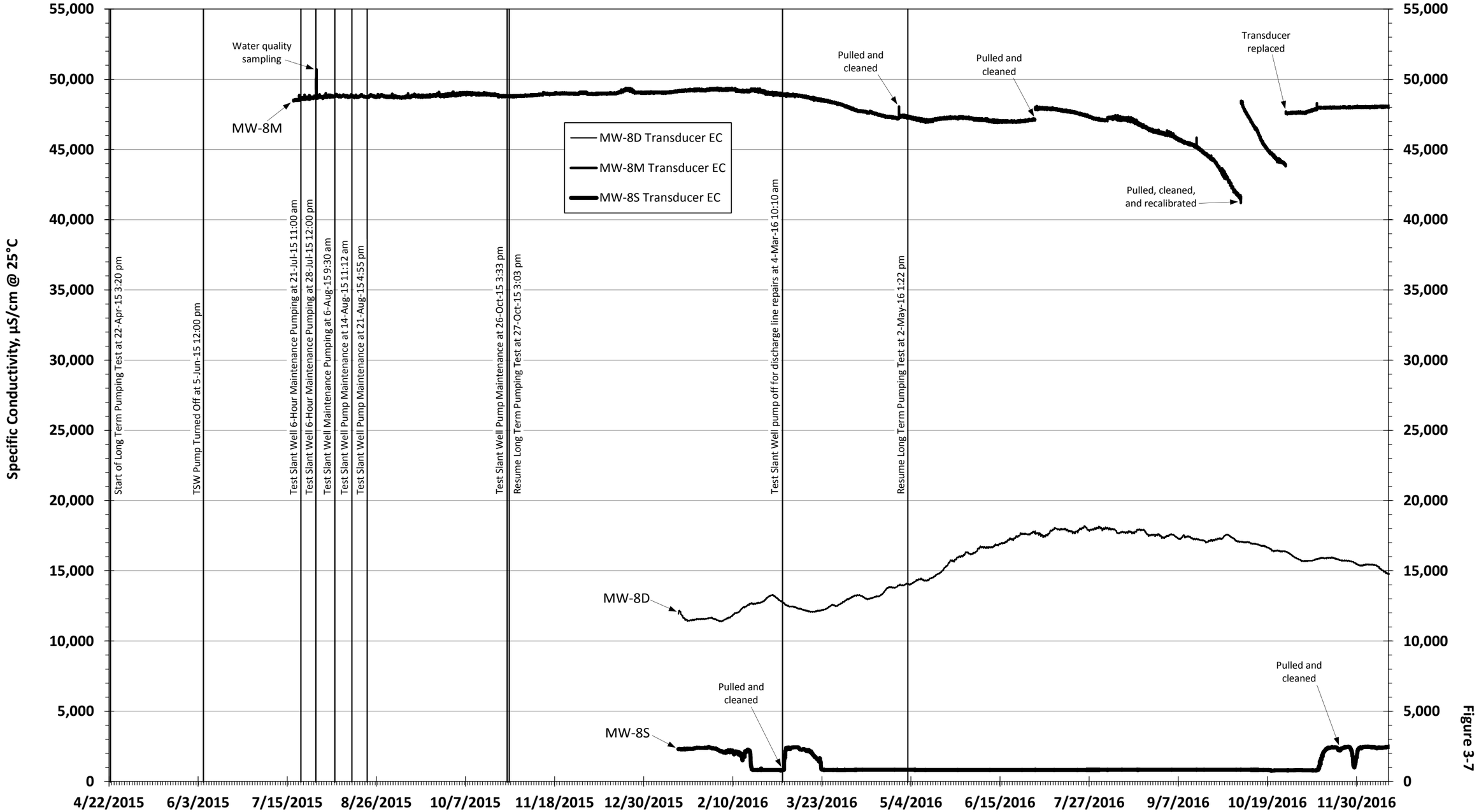

Figure 3-7

Specific Conductivity in MPWSP MW-9

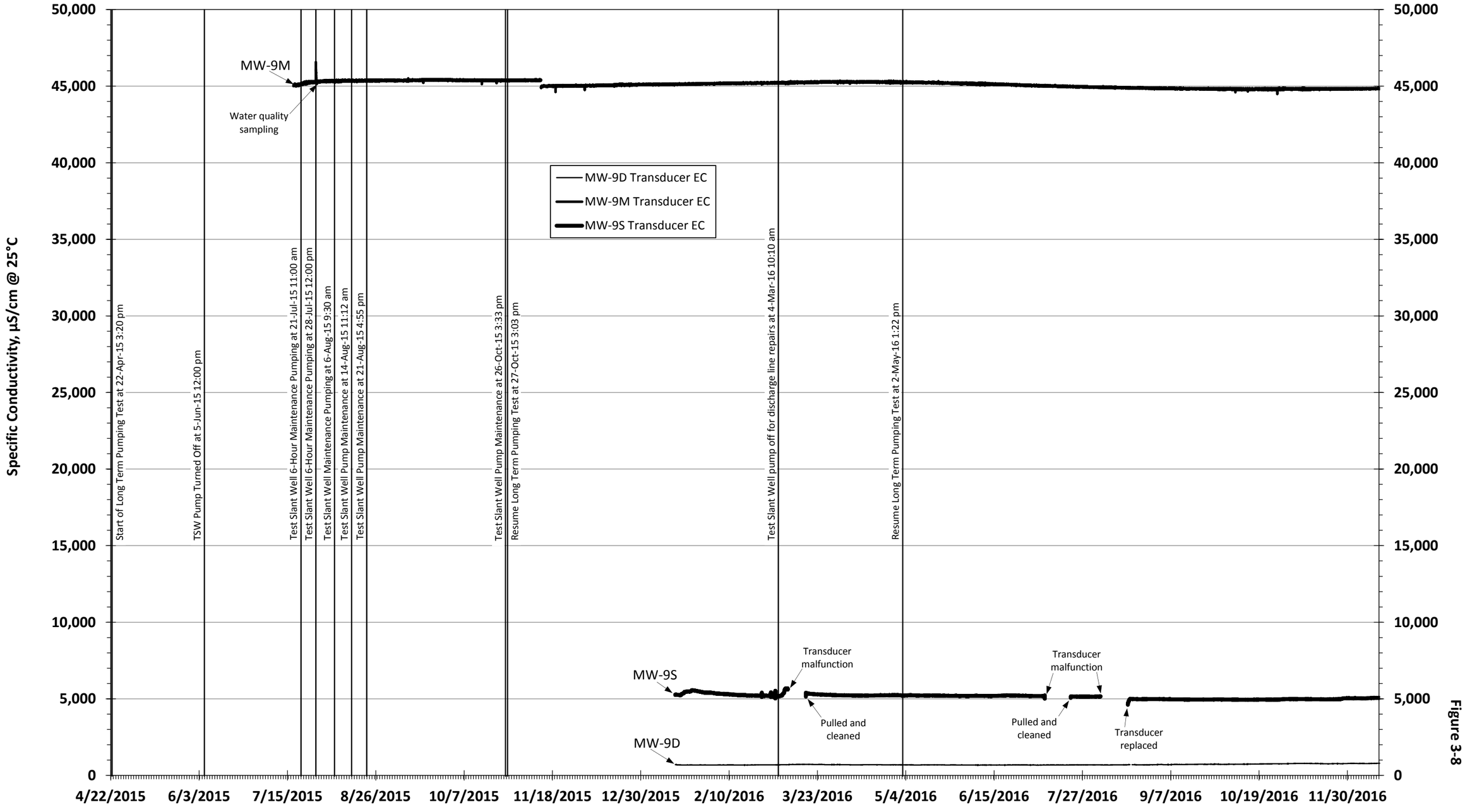

Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

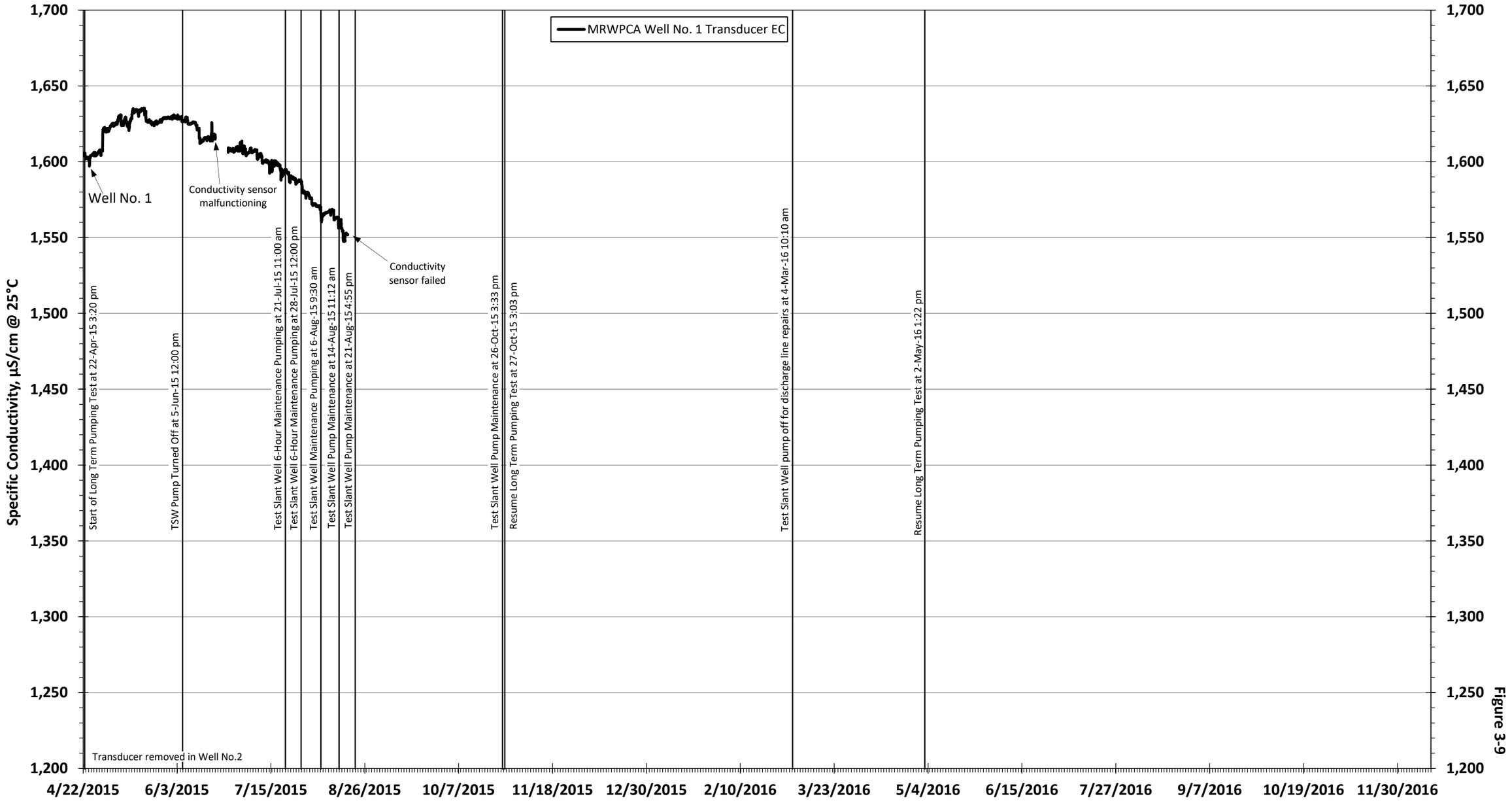

Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

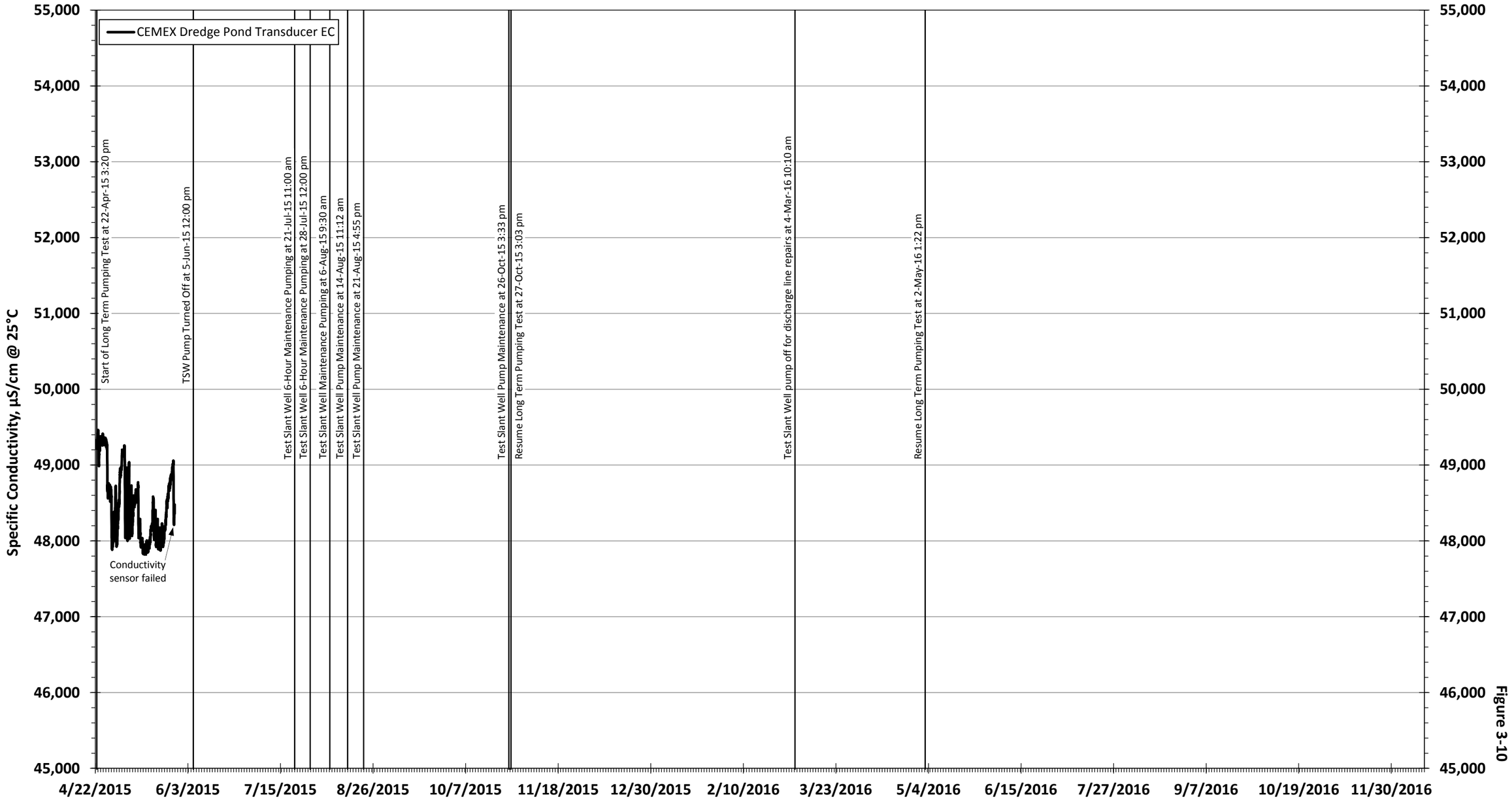

Figure 3-10

Specific Conductivity in CEMEX North Well

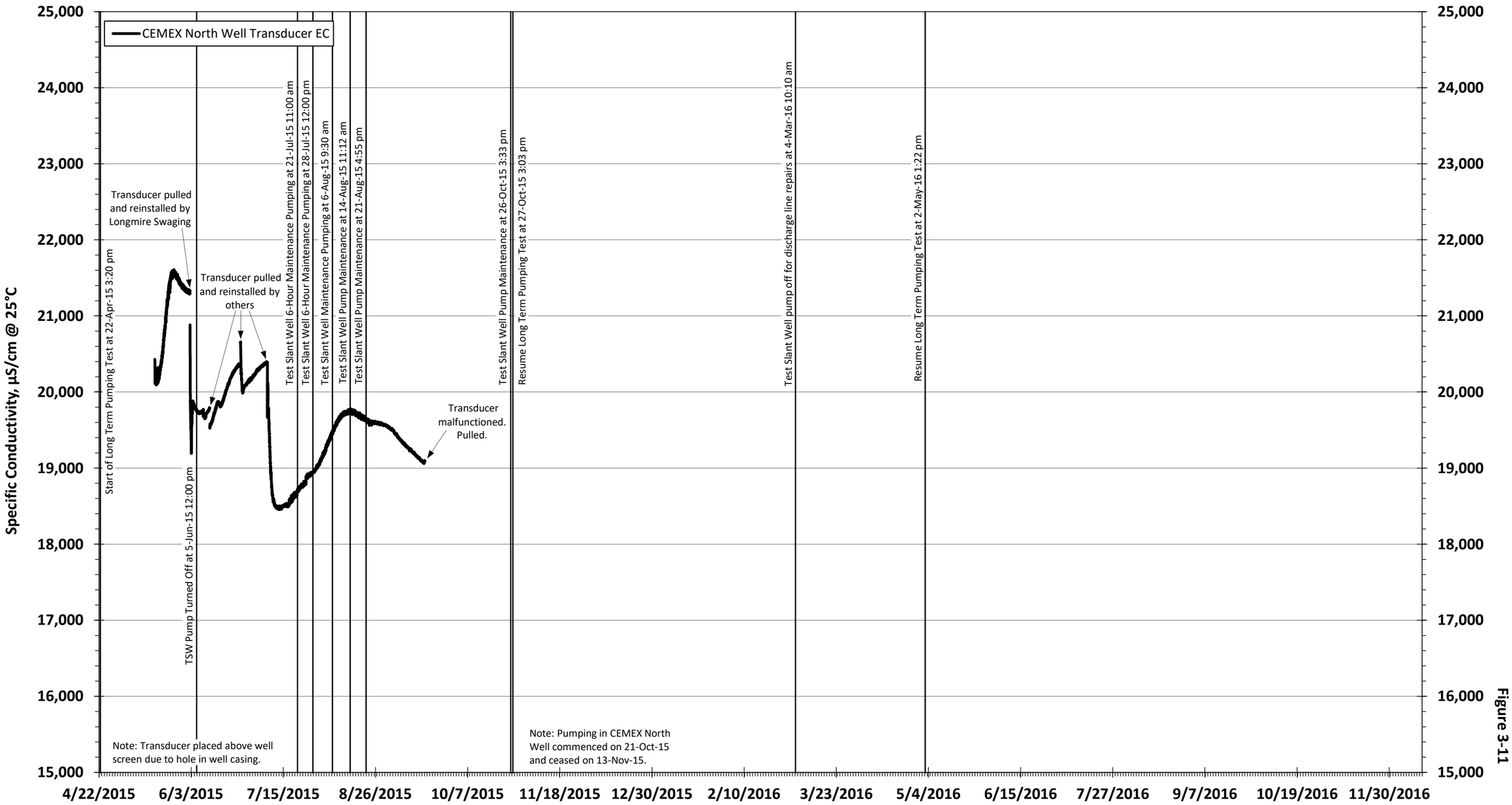

Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

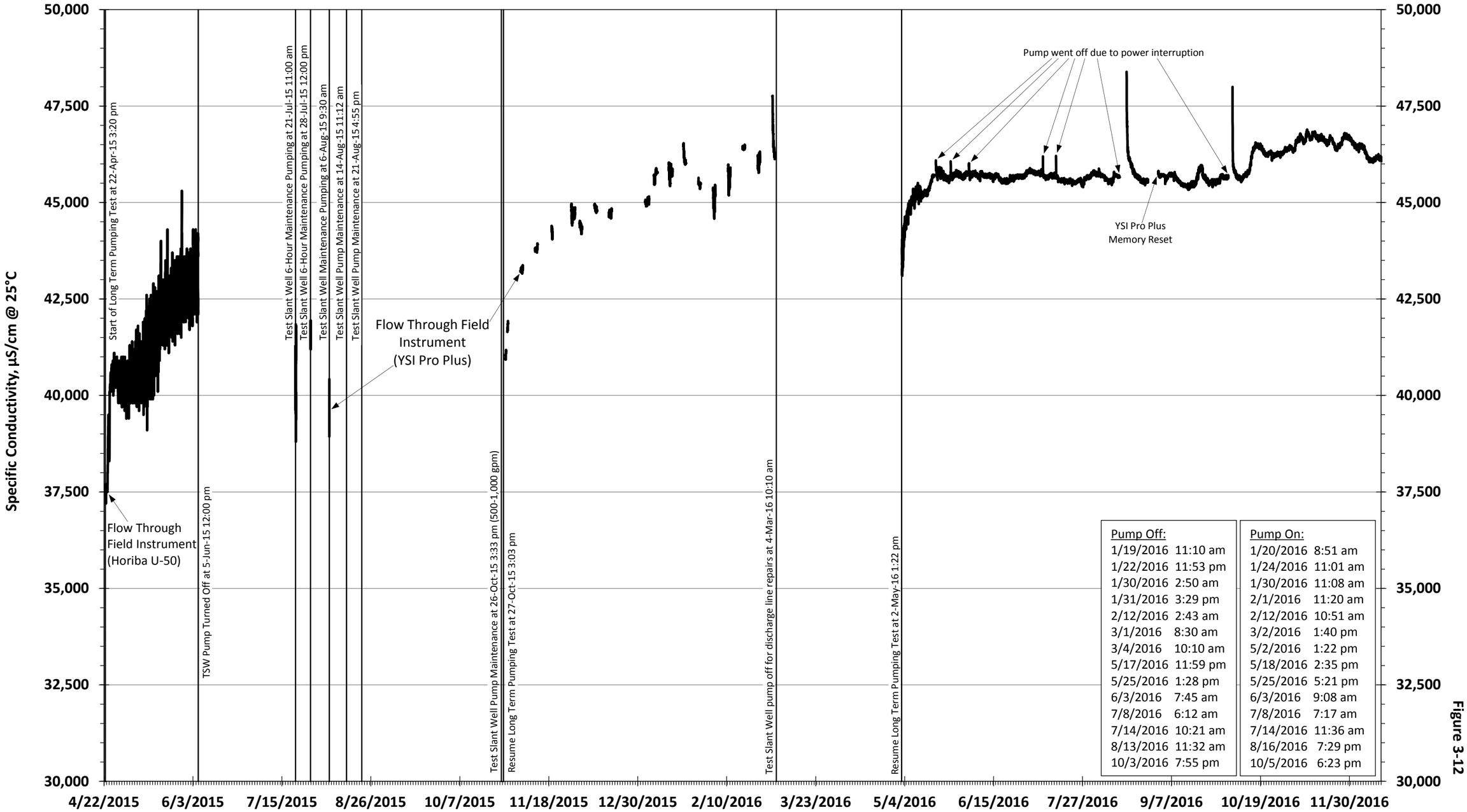

Figure 3-12

TABLES

GEOSCIENCE

Table 1: Well Information Table

			State Plane Coordinates										
Well Name	Cluster	Reference Point (RP)	Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 [1]	2.65 [1]	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 [1]	2.65 [1]	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S(P)	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 [1]	2.20 [1]	9,135	43	83	71	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5M	MW-5	Top of ABS Transducer Mount	2,156,230.38	5,748,564.26	80.48 [1]	2.31 [1]	9,131	100	310	171	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5D	MW-5	Top of ABS Transducer Mount	2,156,220.77	5,748,560.95	80.06	1.97	9,126	395	435	417	26-Mar-15	19-Feb-15	Level, Conductivity
MW-6S	MW-6	Top of ABS Transducer Mount	2,141,142.87	5,756,164.01	35.89	2.45 [1]	21,436	30	60	61	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 [1]	21,431	150	210	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-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
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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:	23-Jun-16	30-Jun-16	7-Jul-16	15-Jul-16	21-Jul-16	28-Jul-16	4-Aug-16	10-Aug-16	18-Aug-16	25-Aug-16
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	114	113	114	113	114	115	114	113	116
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total [1]	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.33	0.30	0.27	0.27	0.28	0.18	0.27	0.23	0.22	0.24
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	139	138	139	138	139	140	139	138	142
Boron, Dissolved	EPA 200.7	mg/L	3.46	3.58	3.21	3.18	3.53	3.40	3.54	3.18	3.61	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.3	40.2	50.8	39.8	44.6	52.9	31.2	27.8	31.3	48.9
Calcium	EPA 200.7	mg/L	489	510	482	471	559	495	486	520	505	490
Calcium, Dissolved	EPA 200.7	mg/L	494	515	467	481	531	493	506	504	510	470
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,230	17,425	17,982	16,795	17,100	18,028	18,231	18,374	17,490	17,636
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	3	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12	564.83	568.56	545.43	546.73
Total Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12	564.83	568.56	545.43	546.73
Dissolved Cations	Calculation	Meq/L	505.36	544.69	514.15	518.34	556.30	517.87	529.65	512.33	531.64	494.71
Total Cations	Calculation	Meq/L	495.32	523.17	511.63	499.31	583.22	514.08	509.12	523.03	528.35	527.38
Fluoride, Dissolved	EPA 300.0	mg/L	ND	1.2	ND	1	1.1	0.5	1.2	1.1	1.3	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,907	6,009	5,799	5,611	6,531	5,918	5,785	6,038	6,310	5,671
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	145	162	128	142	150	135	145	142	152	162
Magnesium	EPA 200.7	mg/L	1,140	1,150	1,120	1,080	1,250	1,140	1,110	1,150	1,230	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	1,150	1,160	1,100	1,090	1,200	1,140	1,160	1,150	1,200	1,010
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	3	3	3	3	4	3	3	3	2
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.6	0.6	0.4
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.11	0.10	0.11	0.10	0.10	0.10	0.11	0.11	0.10
pH (Field Test)	SM4500-H+B	pH	7.17	7.11	7.14	7.65	7.10	7.10	7.15	7.15	7.08	7.05
pH (Laboratory)	SM4500-H+B	pH (H)	7.3	7.2	7.3	7.2	7.2	7.3	7.2	7.2	7.2	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.10	0.09	0.09	0.09	0.05	0.14	0.09	0.11	0.10	0.10
Potassium	EPA 200.7	mg/L	262	276	262	279	317	273	285	285	306	285
Potassium, Dissolved	EPA 200.7	mg/L	264	282.9	260.2	276	305	277.1	291	279	300	277
QC Ratio TDS/SEC	Calculation	-	0.69	0.65	0.68	0.66	0.68	0.69	0.69	0.68	0.67	0.67
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	29.3	29.4	29.7	29.3	29.1	29.1	28.6	29.4	29.8	29.2
Silica as SiO2, Dissolved	EPA 200.7	mg/L	10	16	14	12	14	9.0	12	14	12	11
Sodium	EPA 200.7	mg/L	8,515	9,104	8,936	8,731	10,215	8,933	8,879	9,084	9,060	9,351
Sodium, Dissolved	EPA 200.7	mg/L	8,720	9,570	9,050	9,140	9,730	9,020	9,230	8,860	9,190	8,760
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,330	45,380	45,800	45,240	45,000	45,070	44,370	45,360	46,050	45,200
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,663	45,769	45,763	45,620	45,544	45,613	45,770	45,632	46,081	45,509
Strontium, Dissolved	EPA 200.8	µg/L	7,438	7,460	7,791	7,147	7,366	7,164	7,552	7,884	7,620	7,785
Sulfate, Dissolved	EPA 300.0	mg/L	2,309	2,250	2,299	2,286	2,267	2,476	2,296	2,282	2,370	2,221
Temperature (Field)	SM2550	° C	15.9	15.8	15.9	15.9	16.2	16.1	15.9	16.0	15.9	15.9
Total Diss. Solids	SM2540C	mg/L	31,300	29,700	31,000	29,800	30,700	30,900	30,800	30,800	30,800	30,200
Turbidity	EPA 180.1	NTU	0.15	0.30	0.20	.10	0.30	0.25	0.40	0.10	0.30	0.05
Turbidity (Field)	EPA 180.1	NTU	0.34	0.26	0.21	0.16	0.17	0.33	0.27	0.14	0.12	0.24
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

		Sample Collection Date:	1-Sep-16	8-Sep-16	15-Sep-16	22-Sep-16	30-Sep-16	7-Oct-16	13-Oct-16	20-Oct-16	27-Oct-16	3-Nov-16
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	116	117	116	115	117	115	113	118	116	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total [1]	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.27	0.23	0.22	0.22	0.22	0.21	0.25	0.27	0.23	0.46
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	142	143	142	140	143	140	138	144	142	139
Boron, Dissolved	EPA 200.7	mg/L	3.20	3.23	3.20	3.17	3.41	3.36	3.40	3.34	3.33	3.19
Bromide, Dissolved	EPA 300.0	mg/L	56.4	51.8	47.2	54.0	50	50.0	50.4	50.9	51.2	50.6
Calcium	EPA 200.7	mg/L	461	461	460	494	492	508	510	471	493	488
Calcium, Dissolved	EPA 200.7	mg/L	467	457	454	488	495	458	473	472	492	488
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,683	16,820	15,643	16,179	16,705	16,568	16,897	17,065	17,350	16,949
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	535.53	543.47	532.28
Total Anions	Calculation	Meq/L	521.27	526.22	493.31	508.70	523.28	519.14	532.46	535.53	543.47	532.28
Dissolved Cations	Calculation	Meq/L	501.83	487.61	466.60	537.27	528.58	521.64	545.47	503.68	542.16	496.51
Total Cations	Calculation	Meq/L	512.46	489.96	483.65	530.53	543.94	537.38	544.72	516.26	549.54	534.35
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	1.1	0.9	1.0	0.9	1.1	0.9	1.0	0.9	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,286	5,619	5,534	5,924	5,874	5,918	5,964	5,764	5,781	5,728
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	166	156	153	132	138	124	141	149	140	141
Magnesium	EPA 200.7	mg/L	1,000	1,080	1,060	1,140	1,130	1,130	1,140	1,110	1,100	1,100
Magnesium, Dissolved	EPA 200.7	mg/L	968	1,060	1,040	1,060	1,130	1,090	1,120	1,110	1,090	1,100
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	5	4	4	5	4	4	4	4	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.6	1.1	1.1	1.0	1.1	1.0	1.2	1.1	1.3	1.1
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.10	0.10	0.10	0.10	0.09	0.08	0.09	0.09	0.09
pH (Field Test)	SM4500-H+B	pH	7.06	7.06	7.08	7.09	7.09	7.10	7.02	7.02	7.03	7.04
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.2	7.1	7.2	7.0	7.2	7.2	7.2	7.2	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.10	0.07	0.11	0.08	0.07	0.10	0.06	0.09	0.11	0.11
Potassium	EPA 200.7	mg/L	269	273	273	271	283	286	285	328	304	308
Potassium, Dissolved	EPA 200.7	mg/L	271.0	272	269	278	282	276	286	321	301	292
QC Ratio TDS/SEC	Calculation	-	0.69	0.66	0.67	0.66	0.68	0.69	0.67	0.66	0.66	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-	-	-	-	-
Salinity	SM2520B	psu	29.4	29.3	29.3	29.6	29.4	29.4	29.5	29.8	29.7	29.8
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	12	13	12	13	11	14	12	15	15
Sodium	EPA 200.7	mg/L	9,202	8,531	8,425	9,567	9,636	9,467	9,613	9,035	9,808	9,462
Sodium, Dissolved	EPA 200.7	mg/L	9,010	8,520	8,080	9,680	9,280	9,240	9,710	8,750	9,660	8,590
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,450	45,260	45,250	45,680	45,380	45,420	45,610	46,000	45,800	45,980
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,669	45,720	45,362	45,682	45,648	45,682	45,775	46,308	46,223	46,352
Strontium, Dissolved	EPA 200.8	µg/L	7,458	7,875	7,415	7,158	7,293	7,430	7,259	7,542	7,275	7,302
Sulfate, Dissolved	EPA 300.0	mg/L	2,285	2,337	2,355	2,365	2,353	2,342	2,537	2,452	2,448	2,457
Temperature (Field)	SM2550	° C	16.1	16.2	16.1	16.1	16.1	16.4	16.3	16.2	16.3	16.3
Total Diss. Solids	SM2540C	mg/L	31,200	30,000	30,200	30,300	30,800	31,400	30,500	30,500	30,400	31,700
Turbidity	EPA 180.1	NTU	0.25	0.15	0.25	0.20	0.15	0.10	0.20	0.10	0.20	0.10
Turbidity (Field)	EPA 180.1	NTU	0.34	0.21	0.11	0.13	0.09	0.25	0.27	0.08	0.10	0.29
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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

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

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

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

		Sample Collection Date:	10-Nov-16	17-Nov-16	23-Nov-16
Constituent	**Method**	**Units**	**Result**	**Result**	**Result**
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	115	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND
Arsenic, Total [1]	EPA 200.8	µg/L	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.25	0.27	0.27
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	140	139
Boron, Dissolved	EPA 200.7	mg/L	3.73	3.84	3.29
Bromide, Dissolved	EPA 300.0	mg/L	53.0	50	52
Calcium	EPA 200.7	mg/L	493	517	462
Calcium, Dissolved	EPA 200.7	mg/L	503	531	453
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,651	17,082	17,145
Chlorinated Pesticides and PCB (EPA 5	EPA 508	µg/L	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-
Dissolved Anions	Calculation	Meq/L	540.88	527.60	PENDING
Total Anions	Calculation	Meq/L	540.88	527.60	PENDING
Dissolved Cations	Calculation	Meq/L	545.78	565.18	PENDING
Total Cations	Calculation	Meq/L	536.10	570.96	PENDING
Fluoride, Dissolved	EPA 300.0	mg/L	0.5	0.8	0.9
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,185	6,401	5,585
Hydroxide	SM2320B	mg/L	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Kjehldahl Nitrogen, Dissolved	SM4500-NH3 B,C.E	mg/L	ND	ND	ND
Lithium	EPA 200.8	µg/L	146	162	139
Magnesium	EPA 200.7	mg/L	1,200	1,240	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	1,220	1,250	1,070
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	ND	4	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	1.0	0.8
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.09	0.10	0.09
pH (Field Test)	SM4500-H+B	pH	7.05	7.05	7.05
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	7.2	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.09	0.09	0.09
Potassium	EPA 200.7	mg/L	314	331	284
Potassium, Dissolved	EPA 200.7	mg/L	326	338	279
QC Ratio TDS/SEC	Calculation	-	0.67	0.67	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-
Salinity	SM2520B	psu	30.0	30.1	30.0
Silica as SiO2, Dissolved	EPA 200.7	mg/L	16	17	12
Sodium	EPA 200.7	mg/L	9,304	9,992	PENDING
Sodium, Dissolved	EPA 200.7	mg/L	9,470	9,820	PENDING
Specific Conductance (E.C)	SM2510B	µmhos/cm	46,230	46,370	46,270
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	46,803	46,648	46,445
Strontium, Dissolved	EPA 200.8	µg/L	7,700	7,183	7,212
Sulfate, Dissolved	EPA 300.0	mg/L	1,920	2,052	2,262
Temperature (Field)	SM2550	° C	16.4	16.1	16.1
Total Diss. Solids	SM2540C	mg/L	30,900	31,000	31,800
Turbidity	EPA 180.1	NTU	0.25	0.10	0.20
Turbidity (Field)	EPA 180.1	NTU	1.06	0.18	0.24
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-

Notes:

°C = Degrees Celsius
CU = Color Units
Meq/L = Milliequivalents per Liter
mg/L = Milligrams per Liter
NTU = Nephelometric Turbidity Units
pg/L = Picograms per Liter
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ND = NOT DETECTED at or above the Reporting Limit (RL) or Practical Quantitation Limit (PQL). See laboratory water quality reports for RL and PQL values.

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

APPENDICES

GEOSCIENCE

APPENDIX A-1

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

8-Dec-14

GEOSCIENCE

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

CALIFORNIA COASTAL COMMISSION

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

COASTAL DEVELOPMENT PERMIT

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

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

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

CHARLES LESTER
Executive Director

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

Acknowledgment:

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

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

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

12/8/14
Date

Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

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

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

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

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX A-2

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

13-Oct-15

GEOSCIENCE

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

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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

Acknowledgment:

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

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

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

10/13/15
Date

Signature of Permittee or Representative

SPECIAL CONDITIONS

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

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

APPENDIX B

Groundwater Level and Salinity Instrument Data

7-December-16 - 14-December-16

GEOSCIENCE

Report Date: 12/19/2016 10:28:33 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-1D LT Test_2016-12-15_10-44-56-742-BaroMerge.wsl
Create Date: 12/19/2016 10:15:32 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
4/21/2016 4:57:02 PM	Used Battery: 2% Used Memory: 1% User Name: ELinden
4/22/2016 10:32:18 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: SKuiper Interval - Start Time: 4/21/2016 6:00:00 PM Stop Time: 4/22/2016 11:30:00 AM
4/28/2016 10:59:03 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:45:00 AM
5/5/2016 12:29:13 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 3:48:01 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:00:00 PM
5/19/2016 4:19:06 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:00:00 PM
5/26/2016 2:12:28 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:30:00 PM
6/2/2016 2:17:55 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:52:59 AM	Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 5:31:57 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:15:00 PM
6/23/2016 3:41:29 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 4:00:00 PM
7/1/2016 9:13:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:45:00 AM
7/8/2016 9:11:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 9:45:00 AM
7/14/2016 12:33:36 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:45:00 PM
7/21/2016 1:47:48 PM	Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 2:15:00 PM
7/28/2016 2:39:17 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:15:00 PM
8/4/2016 12:00:20 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:48:32 PM	Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:10:51 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:00:00 AM
8/25/2016 4:46:04 PM	Log Download - Used Battery: 8% Used Memory: 15% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:45:00 PM
9/1/2016 1:09:39 PM	Log Download - Used Battery: 9% Used Memory: 17% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:00:00 PM
9/8/2016 11:26:51 AM	Log Download - Used Battery: 9% Used Memory: 17% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:15:00 AM
9/15/2016 6:25:15 PM	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:15:00 PM
9/22/2016 3:53:02 PM	Log Download - Used Battery: 10% Used Memory: 18% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:45:00 PM
10/2/2016 8:41:47 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:30:00 AM

10/7/2016 6:15:57 PM Log Download - Used Battery: 11% Used Memory: 20% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 7:00:00 PM
10/13/2016 1:17:34 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:30:00 PM
10/20/2016 12:08:32 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:45:00 PM
10/27/2016 9:42:03 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:00:00 AM
11/3/2016 9:12:43 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 11:00:00 AM
11/10/2016 10:44:11 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:35:14 AM Log Download - Used Battery: 13% Used Memory: 25% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/24/2016 4:00:37 PM Log Download - Used Battery: 13% Used Memory: 26% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 12:09:22 PM Log Download - Used Battery: 13% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:00:00 PM
12/2/2016 9:09:03 AM Log Download - Used Battery: 14% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:00:00 AM
12/8/2016 12:34:11 PM Log Download - Used Battery: 14% Used Memory: 28% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:44:08 AM Log Download - Used Battery: 14% Used Memory: 28% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:00:00 AM
12/19/2016 10:15:32 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 723
Sensors: 2
1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: PCTD(A) 658.7ft SN#: 438507	Sensor: Baro-Adj Calc SN#: 438507
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Corrected Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	121.514	19.121	273.722	40613.535	45751.176	29.919	31110.801	24.622	1.021	14.776

12/8/2016 12:15:00 AM	8100.000	121.524	19.119
273.745	40593.223	45729.582	29.903
31096.117	24.635	1.021	14.783
12/8/2016 12:30:00 AM	9000.000	121.557	19.119
273.818	40598.117	45735.781	29.907
31100.334	24.632	1.021	14.783
12/8/2016 12:45:00 AM	9900.000	121.597	19.123
273.910	40614.832	45750.574	29.918
31110.393	24.622	1.021	14.771
12/8/2016 1:00:00 AM	10800.000	121.621	19.116
273.964	40587.992	45727.125	29.901
31094.445	24.638	1.021	14.774
12/8/2016 1:15:00 AM	11700.000	121.650	19.121
274.029	40594.477	45729.023	29.903
31095.738	24.634	1.021	14.774
12/8/2016 1:30:00 AM	12600.000	121.704	19.122
274.151	40603.723	45738.410	29.909
31102.121	24.628	1.021	14.771
12/8/2016 1:45:00 AM	13500.000	121.744	19.126
274.240	40597.566	45727.520	29.902
31094.715	24.632	1.021	14.769
12/8/2016 2:00:00 AM	14400.000	121.792	19.129
274.348	40603.137	45731.734	29.905
31097.582	24.629	1.021	14.768
12/8/2016 2:15:00 AM	15300.000	121.834	19.136
274.443	40602.766	45724.281	29.900
31092.514	24.629	1.021	14.766
12/8/2016 2:30:00 AM	16200.000	121.870	19.120
274.525	40582.273	45716.215	29.893
31087.029	24.641	1.021	14.772
12/8/2016 2:45:00 AM	17100.000	121.905	19.126
274.603	40606.598	45738.035	29.909
31101.863	24.627	1.021	14.770
12/8/2016 3:00:00 AM	18000.000	121.948	19.134
274.700	40589.641	45710.871	29.890
31083.395	24.637	1.021	14.765
12/8/2016 3:15:00 AM	18900.000	121.985	19.126
274.783	40621.379	45754.508	29.921
31113.068	24.618	1.021	14.765
12/8/2016 3:30:00 AM	19800.000	122.028	19.123
274.881	40589.703	45721.836	29.897
31090.852	24.637	1.021	14.761
12/8/2016 3:45:00 AM	20700.000	122.071	19.117
274.976	40586.750	45724.688	29.899
31092.789	24.639	1.021	14.757
12/8/2016 4:00:00 AM	21600.000	122.084	19.125
275.007	40630.426	45765.648	29.929
31120.643	24.612	1.021	14.767
12/8/2016 4:15:00 AM	22500.000	122.116	19.128
275.078	40619.320	45750.742	29.919
31110.508	24.619	1.021	14.760
12/8/2016 4:30:00 AM	23400.000	122.128	19.129
275.106	40612.164	45741.387	29.912
31104.143	24.623	1.021	14.760
12/8/2016 4:45:00 AM	24300.000	122.159	19.128
275.175	40653.500	45788.543	29.946

31136.211	24.598	1.021	14.763
12/8/2016 5:00:00 AM	25200.000	122.191	19.138
275.248	40634.715	45758.117	29.924
31115.520	24.609	1.021	14.762
12/8/2016 5:15:00 AM	26100.000	122.182	19.143
275.227	40641.008	45759.793	29.926
31116.660	24.606	1.021	14.757
12/8/2016 5:30:00 AM	27000.000	122.191	19.125
275.246	40625.867	45761.207	29.926
31117.623	24.615	1.021	14.769
12/8/2016 5:45:00 AM	27900.000	122.190	19.136
275.246	40655.570	45783.309	29.943
31132.652	24.597	1.021	14.770
12/8/2016 6:00:00 AM	28800.000	122.183	19.134
275.230	40595.797	45717.641	29.895
31087.998	24.633	1.021	14.770
12/8/2016 6:15:00 AM	29700.000	122.231	19.124
275.338	40597.336	45729.488	29.903
31096.055	24.632	1.021	14.766
12/8/2016 6:30:00 AM	30600.000	122.174	19.136
275.208	40579.816	45698.090	29.881
31074.703	24.643	1.021	14.779
12/8/2016 6:45:00 AM	31500.000	122.166	19.130
275.190	40632.008	45762.371	29.927
31118.414	24.611	1.021	14.770
12/8/2016 7:00:00 AM	32400.000	122.133	19.146
275.116	40632.102	45746.836	29.917
31107.852	24.611	1.021	14.778
12/8/2016 7:15:00 AM	33300.000	122.122	19.150
275.091	40610.813	45719.441	29.897
31089.223	24.624	1.021	14.782
12/8/2016 7:30:00 AM	34200.000	122.103	19.131
275.049	40632.352	45762.578	29.927
31118.555	24.611	1.021	14.773
12/8/2016 7:45:00 AM	35100.000	122.082	19.127
275.001	40589.336	45717.305	29.894
31087.770	24.637	1.021	14.779
12/8/2016 8:00:00 AM	36000.000	122.061	19.133
274.954	40614.402	45740.133	29.911
31103.293	24.622	1.021	14.783
12/8/2016 8:15:00 AM	36900.000	122.044	19.130
274.917	40622.887	45752.344	29.920
31111.596	24.617	1.021	14.782
12/8/2016 8:30:00 AM	37800.000	121.997	19.137
274.809	40634.715	45758.629	29.925
31115.869	24.609	1.021	14.787
12/8/2016 8:45:00 AM	38700.000	121.952	19.126
274.709	40603.313	45734.246	29.907
31099.289	24.629	1.021	14.793
12/8/2016 9:00:00 AM	39600.000	121.925	19.133
274.648	40613.340	45738.332	29.910
31102.068	24.622	1.021	14.795
12/8/2016 9:15:00 AM	40500.000	121.892	19.135
274.573	40608.656	45731.859	29.905
31097.666	24.625	1.021	14.797
12/8/2016 9:30:00 AM	41400.000	121.870	19.114

274.524	40577.102	45716.734	29.893
31087.379	24.644	1.021	14.798
12/8/2016 9:45:00 AM	42300.000	121.827	19.120
274.427	40605.086	45742.605	29.912
31104.975	24.627	1.021	14.809
12/8/2016 10:00:00 AM	43200.000	121.790	19.129
274.343	40608.746	45737.617	29.909
31101.582	24.625	1.021	14.814
12/8/2016 10:15:00 AM	44100.000	121.769	19.119
274.296	40583.355	45718.551	29.895
31088.617	24.641	1.021	14.809
12/8/2016 10:30:00 AM	45000.000	121.745	19.115
274.243	40586.660	45726.824	29.901
31094.242	24.639	1.021	14.803
12/8/2016 10:45:00 AM	45900.000	121.728	19.123
274.205	40595.859	45729.289	29.903
31095.916	24.633	1.021	14.808
12/8/2016 11:00:00 AM	46800.000	121.699	19.128
274.140	40611.844	45741.625	29.912
31104.305	24.623	1.021	14.812
12/8/2016 11:15:00 AM	47700.000	121.675	19.133
274.084	40636.145	45764.961	29.929
31120.174	24.609	1.021	14.803
12/8/2016 11:30:00 AM	48600.000	121.686	19.139
274.111	40657.770	45783.125	29.943
31132.527	24.596	1.021	14.796
12/8/2016 11:45:00 AM	49500.000	121.677	19.126
274.089	40598.125	45728.578	29.902
31095.434	24.632	1.021	14.799
12/8/2016 12:00:00 PM	50400.000	121.674	19.115
274.082	40596.551	45737.203	29.908
31101.301	24.633	1.021	14.792
12/8/2016 12:15:00 PM	51300.000	121.670	19.110
274.072	40610.316	45757.684	29.923
31115.227	24.624	1.021	14.790
12/8/2016 12:30:00 PM	52200.000	121.667	19.112
274.066	40594.879	45738.574	29.909
31102.232	24.634	1.021	14.791
12/8/2016 12:45:00 PM	53100.000	121.676	19.116
274.087	40582.625	45720.477	29.896
31089.926	24.641	1.021	14.798
12/8/2016 1:00:00 PM	54000.000	121.683	19.117
274.104	40618.348	45760.285	29.925
31116.994	24.619	1.021	14.792
12/8/2016 1:15:00 PM	54900.000	121.700	19.109
274.140	40572.848	45717.020	29.893
31087.576	24.647	1.021	14.796
12/8/2016 1:30:00 PM	55800.000	121.714	19.116
274.173	40594.703	45734.336	29.906
31099.352	24.634	1.021	14.796
12/8/2016 1:45:00 PM	56700.000	121.730	19.125
274.208	40629.020	45764.156	29.928
31119.629	24.613	1.021	14.796
12/8/2016 2:00:00 PM	57600.000	121.749	19.122
274.251	40636.277	45775.594	29.936
31127.404	24.609	1.021	14.796

12/8/2016 2:15:00 PM	58500.000	121.756	19.121
274.266	40611.227	45748.313	29.917
31108.854	24.624	1.021	14.797
12/8/2016 2:30:00 PM	59400.000	121.795	19.124
274.355	40605.758	45739.238	29.910
31102.684	24.627	1.021	14.799
12/8/2016 2:45:00 PM	60300.000	121.801	19.127
274.368	40590.172	45718.934	29.895
31088.877	24.637	1.021	14.804
12/8/2016 3:00:00 PM	61200.000	121.842	19.125
274.462	40608.477	45741.355	29.912
31104.123	24.625	1.021	14.795
12/8/2016 3:15:00 PM	62100.000	121.859	19.124
274.499	40612.559	45746.898	29.916
31107.893	24.623	1.021	14.805
12/8/2016 3:30:00 PM	63000.000	121.894	19.110
274.578	40583.137	45727.059	29.901
31094.402	24.641	1.021	14.798
12/8/2016 3:45:00 PM	63900.000	121.916	19.114
274.628	40601.816	45744.160	29.913
31106.031	24.629	1.021	14.798
12/8/2016 4:00:00 PM	64800.000	121.924	19.119
274.645	40601.691	45739.637	29.910
31102.955	24.630	1.021	14.806
12/8/2016 4:15:00 PM	65700.000	121.961	19.116
274.729	40578.844	45716.215	29.893
31087.029	24.643	1.021	14.804
12/8/2016 4:30:00 PM	66600.000	121.965	19.129
274.737	40597.578	45725.039	29.900
31093.029	24.632	1.021	14.805
12/8/2016 4:45:00 PM	67500.000	121.992	19.133
274.799	40607.934	45732.246	29.905
31097.930	24.626	1.021	14.795
12/8/2016 5:00:00 PM	68400.000	121.984	19.121
274.780	40591.879	45726.438	29.901
31093.980	24.635	1.021	14.811
12/8/2016 5:15:00 PM	69300.000	122.009	19.114
274.837	40618.152	45763.242	29.927
31119.008	24.620	1.021	14.805
12/8/2016 5:30:00 PM	70200.000	122.008	19.130
274.836	40604.820	45732.434	29.905
31098.057	24.628	1.021	14.797
12/8/2016 5:45:00 PM	71100.000	121.987	19.121
274.787	40605.941	45742.449	29.912
31104.865	24.627	1.021	14.808
12/8/2016 6:00:00 PM	72000.000	122.004	19.122
274.826	40614.660	45750.895	29.919
31110.611	24.622	1.021	14.808
12/8/2016 6:15:00 PM	72900.000	121.993	19.128
274.802	40624.758	45756.426	29.923
31114.371	24.616	1.021	14.807
12/8/2016 6:30:00 PM	73800.000	121.971	19.124
274.752	40605.117	45738.086	29.909
31101.900	24.627	1.021	14.815
12/8/2016 6:45:00 PM	74700.000	121.976	19.131
274.763	40603.227	45729.008	29.903

31095.729	24.629	1.021	14.811
12/8/2016 7:00:00 PM	75600.000	121.954	19.128
274.713	40591.199	45719.230	29.896
31089.076	24.636	1.021	14.812
12/8/2016 7:15:00 PM	76500.000	121.929	19.133
274.657	40646.180	45775.820	29.937
31127.561	24.603	1.021	14.810
12/8/2016 7:30:00 PM	77400.000	121.894	19.128
274.579	40625.066	45756.867	29.923
31114.672	24.615	1.021	14.815
12/8/2016 7:45:00 PM	78300.000	121.877	19.120
274.541	40587.547	45722.328	29.898
31091.186	24.638	1.021	14.818
12/8/2016 8:00:00 PM	79200.000	121.858	19.117
274.497	40600.832	45740.387	29.911
31103.465	24.630	1.021	14.818
12/8/2016 8:15:00 PM	80100.000	121.814	19.120
274.398	40575.328	45709.082	29.888
31082.178	24.646	1.021	14.827
12/8/2016 8:30:00 PM	81000.000	121.788	19.119
274.339	40587.871	45724.328	29.899
31092.545	24.638	1.021	14.826
12/8/2016 8:45:00 PM	81900.000	121.768	19.124
274.294	40620.887	45756.016	29.922
31114.094	24.618	1.021	14.826
12/8/2016 9:00:00 PM	82800.000	121.731	19.127
274.212	40608.047	45738.641	29.910
31102.277	24.626	1.021	14.829
12/8/2016 9:15:00 PM	83700.000	121.694	19.115
274.129	40607.359	45750.234	29.918
31110.160	24.626	1.021	14.828
12/8/2016 9:30:00 PM	84600.000	121.676	19.113
274.086	40609.918	45754.313	29.921
31112.936	24.625	1.021	14.825
12/8/2016 9:45:00 PM	85500.000	121.635	19.118
273.996	40665.805	45813.156	29.964
31152.949	24.591	1.021	14.838
12/8/2016 10:00:00 PM	86400.000	121.632	19.114
273.987	40599.992	45742.105	29.912
31104.635	24.631	1.021	14.830
12/8/2016 10:15:00 PM	87300.000	121.597	19.111
273.909	40596.551	45741.316	29.911
31104.098	24.633	1.021	14.838
12/8/2016 10:30:00 PM	88200.000	121.579	19.112
273.868	40624.012	45771.754	29.933
31124.795	24.616	1.021	14.840
12/8/2016 10:45:00 PM	89100.000	121.560	19.115
273.826	40621.992	45766.211	29.929
31121.025	24.617	1.021	14.835
12/8/2016 11:00:00 PM	90000.000	121.552	19.119
273.807	40599.148	45736.426	29.908
31100.771	24.631	1.021	14.836
12/8/2016 11:15:00 PM	90900.000	121.543	19.107
273.787	40581.715	45728.637	29.902
31095.475	24.642	1.021	14.841
12/8/2016 11:30:00 PM	91800.000	121.550	19.122

273.804	40595.609	45729.270	29.903
31095.906	24.633	1.021	14.837
12/8/2016 11:45:00 PM	92700.000	121.537	19.129
273.775	40637.523	45770.031	29.933
31123.623	24.608	1.021	14.836
12/9/2016 12:00:00 AM	93600.000	121.539	19.136
273.778	40617.395	45740.316	29.911
31103.418	24.620	1.021	14.835
12/9/2016 12:15:00 AM	94500.000	121.552	19.132
273.808	40642.391	45772.859	29.935
31125.545	24.605	1.021	14.840
12/9/2016 12:30:00 AM	95400.000	121.589	19.119
273.891	40597.645	45735.250	29.907
31099.973	24.632	1.021	14.831
12/9/2016 12:45:00 AM	96300.000	121.596	19.113
273.908	40584.551	45726.074	29.900
31093.732	24.640	1.021	14.836
12/9/2016 1:00:00 AM	97200.000	121.618	19.110
273.957	40616.914	45765.461	29.929
31120.516	24.620	1.021	14.838
12/9/2016 1:15:00 AM	98100.000	121.626	19.125
273.974	40607.289	45740.102	29.911
31103.271	24.626	1.021	14.839
12/9/2016 1:30:00 AM	99000.000	121.671	19.123
274.075	40604.230	45738.117	29.909
31101.922	24.628	1.021	14.839
12/9/2016 1:45:00 AM	99900.000	121.703	19.126
274.148	40610.934	45742.742	29.913
31105.066	24.624	1.021	14.842
12/9/2016 2:00:00 AM	100800.000	121.752	19.135
274.257	40618.672	45742.801	29.913
31105.105	24.619	1.021	14.843
12/9/2016 2:15:00 AM	101700.000	121.783	19.117
274.327	40612.445	45753.125	29.920
31112.127	24.623	1.021	14.839
12/9/2016 2:30:00 AM	102600.000	121.826	19.119
274.424	40629.848	45771.191	29.933
31124.412	24.612	1.021	14.837
12/9/2016 2:45:00 AM	103500.000	121.876	19.121
274.537	40610.926	45747.645	29.916
31108.400	24.624	1.021	14.837
12/9/2016 3:00:00 AM	104400.000	121.930	19.119
274.659	40595.309	45731.844	29.905
31097.656	24.633	1.021	14.833
12/9/2016 3:15:00 AM	105300.000	121.983	19.127
274.779	40595.379	45724.801	29.900
31092.867	24.633	1.021	14.828
12/9/2016 3:30:00 AM	106200.000	122.043	19.123
274.914	40634.059	45771.980	29.934
31124.949	24.610	1.021	14.834
12/9/2016 3:45:00 AM	107100.000	122.059	19.126
274.951	40616.336	45748.660	29.917
31109.090	24.621	1.021	14.832
12/9/2016 4:00:00 AM	108000.000	122.102	19.128
275.046	40626.637	45758.805	29.925
31115.990	24.614	1.021	14.830

12/9/2016 4:15:00 AM	108900.000	122.146	19.122
275.147	40627.520	45765.898	29.929
31120.811	24.614	1.021	14.836
12/9/2016 4:30:00 AM	109800.000	122.186	19.136
275.236	40638.262	45763.816	29.929
31119.396	24.607	1.021	14.832
12/9/2016 4:45:00 AM	110700.000	122.223	19.122
275.319	40616.988	45753.863	29.921
31112.629	24.620	1.021	14.837
12/9/2016 5:00:00 AM	111600.000	122.254	19.131
275.388	40630.039	45759.805	29.925
31116.668	24.612	1.021	14.832
12/9/2016 5:15:00 AM	112500.000	122.302	19.128
275.498	40630.555	45763.480	29.928
31119.170	24.612	1.021	14.833
12/9/2016 5:30:00 AM	113400.000	122.300	19.128
275.493	40616.184	45747.371	29.916
31108.213	24.621	1.021	14.834
12/9/2016 5:45:00 AM	114300.000	122.355	19.123
275.617	40635.508	45773.688	29.935
31126.107	24.609	1.021	14.840
12/9/2016 6:00:00 AM	115200.000	122.331	19.123
275.562	40607.984	45742.258	29.912
31104.738	24.626	1.021	14.841
12/9/2016 6:15:00 AM	116100.000	122.331	19.131
275.562	40616.797	45744.715	29.914
31106.406	24.620	1.021	14.844
12/9/2016 6:30:00 AM	117000.000	122.311	19.130
275.518	40639.063	45770.816	29.933
31124.156	24.607	1.021	14.848
12/9/2016 6:45:00 AM	117900.000	122.316	19.125
275.529	40615.734	45749.875	29.918
31109.916	24.621	1.021	14.845
12/9/2016 7:00:00 AM	118800.000	122.308	19.123
275.511	40593.668	45726.301	29.901
31093.885	24.634	1.021	14.840
12/9/2016 7:15:00 AM	119700.000	122.317	19.114
275.530	40602.609	45745.566	29.914
31106.986	24.629	1.021	14.838
12/9/2016 7:30:00 AM	120600.000	122.286	19.117
275.462	40614.137	45755.195	29.921
31113.535	24.622	1.021	14.843
12/9/2016 7:45:00 AM	121500.000	122.248	19.120
275.376	40575.543	45709.410	29.888
31082.398	24.645	1.021	14.850
12/9/2016 8:00:00 AM	122400.000	122.223	19.132
275.319	40610.719	45736.582	29.909
31100.877	24.624	1.021	14.853
12/9/2016 8:15:00 AM	123300.000	122.195	19.120
275.256	40590.957	45726.086	29.900
31093.740	24.636	1.021	14.860
12/9/2016 8:30:00 AM	124200.000	122.163	19.121
275.185	40601.688	45737.918	29.909
31101.787	24.630	1.021	14.850
12/9/2016 8:45:00 AM	125100.000	122.131	19.115
275.113	40597.828	45738.723	29.909

31102.334	24.632	1.021	14.852
12/9/2016 9:00:00 AM	126000.000	122.084	19.118
275.006	40615.352	45755.879	29.922
31114.000	24.621	1.021	14.859
12/9/2016 9:15:00 AM	126900.000	122.048	19.119
274.924	40622.992	45763.895	29.928
31119.451	24.617	1.021	14.860
12/9/2016 9:30:00 AM	127800.000	122.013	19.108
274.846	40605.250	45754.641	29.921
31113.158	24.627	1.021	14.862
12/9/2016 9:45:00 AM	128700.000	121.967	19.114
274.744	40606.859	45750.699	29.918
31110.477	24.626	1.021	14.861
12/9/2016 10:00:00 AM	129600.000	121.934	19.111
274.668	40618.758	45766.336	29.929
31121.111	24.619	1.021	14.861
12/9/2016 10:15:00 AM	130500.000	121.869	19.126
274.523	40627.059	45760.828	29.926
31117.365	24.614	1.021	14.865
12/9/2016 10:30:00 AM	131400.000	121.838	19.115
274.453	40624.879	45769.461	29.932
31123.236	24.615	1.021	14.866
12/9/2016 10:45:00 AM	132300.000	121.790	19.134
274.343	40639.500	45766.930	29.931
31121.514	24.607	1.021	14.871
12/9/2016 11:00:00 AM	133200.000	121.756	19.137
274.266	40612.594	45734.148	29.907
31099.223	24.623	1.021	14.868
12/9/2016 11:15:00 AM	134100.000	121.716	19.140
274.177	40648.680	45772.117	29.935
31125.041	24.601	1.021	14.862
12/9/2016 11:30:00 AM	135000.000	121.690	19.138
274.119	40605.824	45724.984	29.900
31092.990	24.627	1.021	14.865
12/9/2016 11:45:00 AM	135900.000	121.694	19.134
274.128	40635.332	45762.848	29.928
31118.738	24.609	1.021	14.853
12/9/2016 12:00:00 PM	136800.000	121.650	19.122
274.029	40596.059	45730.031	29.903
31096.424	24.633	1.021	14.845
12/9/2016 12:15:00 PM	137700.000	121.638	19.114
274.002	40631.453	45777.891	29.938
31128.969	24.611	1.021	14.843
12/9/2016 12:30:00 PM	138600.000	121.615	19.116
273.949	40610.887	45753.008	29.920
31112.047	24.624	1.021	14.837
12/9/2016 12:45:00 PM	139500.000	121.627	19.112
273.976	40595.172	45739.500	29.910
31102.861	24.633	1.021	14.830
12/9/2016 1:00:00 PM	140400.000	121.578	19.117
273.866	40632.570	45776.570	29.937
31128.068	24.611	1.021	14.832
12/9/2016 1:15:00 PM	141300.000	121.595	19.114
273.904	40578.117	45717.973	29.894
31088.225	24.644	1.021	14.826
12/9/2016 1:30:00 PM	142200.000	121.619	19.122

273.960	40616.113	45752.449	29.920
31111.668	24.621	1.021	14.822
12/9/2016 1:45:00 PM	143100.000	121.610	19.121
273.939	40618.816	45757.215	29.923
31114.908	24.619	1.021	14.836
12/9/2016 2:00:00 PM	144000.000	121.625	19.111
273.973	40602.477	45748.676	29.916
31109.100	24.629	1.021	14.826
12/9/2016 2:15:00 PM	144900.000	121.655	19.112
274.039	40620.641	45767.691	29.930
31122.031	24.618	1.021	14.826
12/9/2016 2:30:00 PM	145800.000	121.666	19.132
274.065	40663.285	45795.613	29.952
31141.020	24.592	1.021	14.817
12/9/2016 2:45:00 PM	146700.000	121.688	19.121
274.113	40591.250	45725.563	29.900
31093.383	24.636	1.021	14.823
12/9/2016 3:00:00 PM	147600.000	121.712	19.132
274.168	40619.527	45746.934	29.916
31107.918	24.619	1.021	14.825
12/9/2016 3:15:00 PM	148500.000	121.735	19.138
274.219	40661.195	45788.102	29.946
31135.912	24.593	1.021	14.823
12/9/2016 3:30:00 PM	149400.000	121.789	19.137
274.342	40621.676	45744.281	29.914
31106.113	24.617	1.021	14.822
12/9/2016 3:45:00 PM	150300.000	121.799	19.120
274.363	40615.742	45754.008	29.921
31112.729	24.621	1.021	14.827
12/9/2016 4:00:00 PM	151200.000	121.836	19.115
274.448	40637.262	45783.832	29.942
31133.008	24.608	1.021	14.822
12/9/2016 4:15:00 PM	152100.000	121.893	19.129
274.577	40630.660	45761.957	29.927
31118.131	24.612	1.021	14.816
12/9/2016 4:30:00 PM	153000.000	121.913	19.121
274.621	40611.707	45748.688	29.917
31109.107	24.623	1.021	14.817
12/9/2016 4:45:00 PM	153900.000	121.937	19.120
274.675	40627.574	45767.684	29.931
31122.027	24.614	1.021	14.819
12/9/2016 5:00:00 PM	154800.000	121.956	19.128
274.717	40626.332	45758.293	29.924
31115.641	24.615	1.021	14.814
12/9/2016 5:15:00 PM	155700.000	122.020	19.126
274.863	40640.777	45776.957	29.938
31128.334	24.606	1.021	14.815
12/9/2016 5:30:00 PM	156600.000	122.020	19.119
274.862	40592.227	45729.063	29.902
31095.766	24.635	1.021	14.822
12/9/2016 5:45:00 PM	157500.000	122.002	19.119
274.822	40639.352	45781.895	29.941
31131.691	24.607	1.021	14.815
12/9/2016 6:00:00 PM	158400.000	122.074	19.129
274.983	40613.707	45743.379	29.913
31105.500	24.622	1.021	14.815

12/9/2016 6:15:00 PM	159300.000	122.066	19.120
274.966	40617.461	45755.770	29.922
31113.926	24.620	1.021	14.818
12/9/2016 6:30:00 PM	160200.000	122.065	19.127
274.962	40633.781	45767.719	29.931
31122.051	24.610	1.021	14.820
12/9/2016 6:45:00 PM	161100.000	122.068	19.141
274.971	40630.039	45749.504	29.918
31109.662	24.612	1.021	14.819
12/9/2016 7:00:00 PM	162000.000	122.076	19.131
274.987	40622.594	45750.984	29.919
31110.672	24.617	1.021	14.825
12/9/2016 7:15:00 PM	162900.000	122.083	19.116
275.004	40635.492	45780.117	29.940
31130.482	24.609	1.021	14.818
12/9/2016 7:30:00 PM	163800.000	122.075	19.121
274.986	40616.527	45754.375	29.921
31112.977	24.621	1.021	14.824
12/9/2016 7:45:00 PM	164700.000	122.054	19.118
274.938	40641.676	45785.199	29.943
31133.938	24.605	1.021	14.826
12/9/2016 8:00:00 PM	165600.000	122.061	19.113
274.955	40615.043	45760.523	29.925
31117.156	24.621	1.021	14.811
12/9/2016 8:15:00 PM	166500.000	122.034	19.115
274.893	40615.281	45758.383	29.924
31115.703	24.621	1.021	14.811
12/9/2016 8:30:00 PM	167400.000	122.030	19.126
274.884	40609.023	45741.113	29.912
31103.959	24.625	1.021	14.811
12/9/2016 8:45:00 PM	168300.000	121.995	19.122
274.805	40633.766	45772.250	29.934
31125.131	24.610	1.021	14.825
12/9/2016 9:00:00 PM	169200.000	121.962	19.133
274.731	40670.219	45803.074	29.957
31146.092	24.588	1.021	14.820
12/9/2016 9:15:00 PM	170100.000	121.932	19.133
274.665	40627.758	45754.918	29.922
31113.346	24.614	1.021	14.822
12/9/2016 9:30:00 PM	171000.000	121.907	19.113
274.608	40608.695	45753.371	29.920
31112.295	24.625	1.021	14.822
12/9/2016 9:45:00 PM	171900.000	121.889	19.113
274.566	40613.586	45758.445	29.924
31115.744	24.622	1.021	14.821
12/9/2016 10:00:00 PM	172800.000	121.857	19.112
274.495	40616.680	45763.402	29.927
31119.113	24.620	1.021	14.818
12/9/2016 10:15:00 PM	173700.000	121.819	19.114
274.409	40642.172	45790.305	29.947
31137.410	24.605	1.021	14.822
12/9/2016 10:30:00 PM	174600.000	121.807	19.120
274.382	40643.980	45785.727	29.944
31134.297	24.604	1.021	14.819
12/9/2016 10:45:00 PM	175500.000	121.791	19.120
274.345	40622.328	45761.426	29.926

31117.771	24.617	1.021	14.818
12/9/2016 11:00:00 PM	176400.000	121.749	19.117
274.252	40629.180	45772.398	29.934
31125.232	24.613	1.021	14.822
12/9/2016 11:15:00 PM	177300.000	121.739	19.109
274.228	40590.645	45737.242	29.908
31101.326	24.636	1.021	14.822
12/9/2016 11:30:00 PM	178200.000	121.717	19.113
274.180	40610.563	45755.383	29.921
31113.660	24.624	1.021	14.817
12/9/2016 11:45:00 PM	179100.000	121.715	19.126
274.176	40621.465	45754.527	29.921
31113.078	24.618	1.021	14.812
12/10/2016 12:00:00 AM	180000.000	121.714	19.140
274.173	40625.648	45745.500	29.915
31106.941	24.615	1.021	14.806
12/10/2016 12:15:00 AM	180900.000	121.692	19.116
274.123	40615.355	45757.867	29.923
31115.352	24.621	1.021	14.815
12/10/2016 12:30:00 AM	181800.000	121.698	19.117
274.137	40604.332	45743.984	29.913
31105.912	24.628	1.021	14.810
12/10/2016 12:45:00 AM	182700.000	121.698	19.122
274.136	40656.891	45798.383	29.953
31142.902	24.596	1.021	14.812
12/10/2016 1:00:00 AM	183600.000	121.713	19.126
274.171	40640.891	45776.926	29.938
31128.311	24.606	1.021	14.812
12/10/2016 1:15:00 AM	184500.000	121.720	19.139
274.187	40627.785	45749.625	29.918
31109.746	24.614	1.021	14.822
12/10/2016 1:30:00 AM	185400.000	121.752	19.134
274.258	40664.184	45795.414	29.951
31140.885	24.592	1.021	14.818
12/10/2016 1:45:00 AM	186300.000	121.781	19.134
274.324	40631.078	45757.535	29.924
31115.125	24.612	1.021	14.812
12/10/2016 2:00:00 AM	187200.000	121.817	19.128
274.406	40637.930	45771.355	29.934
31124.523	24.608	1.021	14.810
12/10/2016 2:15:00 AM	188100.000	121.837	19.128
274.449	40603.445	45732.945	29.906
31098.404	24.628	1.021	14.811
12/10/2016 2:30:00 AM	189000.000	121.889	19.116
274.566	40594.703	45734.266	29.906
31099.303	24.634	1.021	14.806
12/10/2016 2:45:00 AM	189900.000	121.959	19.117
274.724	40593.582	45732.293	29.905
31097.959	24.634	1.021	14.813
12/10/2016 3:00:00 AM	190800.000	121.970	19.122
274.750	40599.203	45733.918	29.906
31099.066	24.631	1.021	14.807
12/10/2016 3:15:00 AM	191700.000	122.017	19.116
274.855	40593.414	45733.148	29.905
31098.543	24.635	1.021	14.806
12/10/2016 3:30:00 AM	192600.000	122.058	19.120

274.948	40628.051	45768.039	29.931
31122.270	24.614	1.021	14.810
12/10/2016 3:45:00 AM	193500.000	122.119	19.116
275.085	40618.754	45761.359	29.926
31117.725	24.619	1.021	14.811
12/10/2016 4:00:00 AM	194400.000	122.170	19.119
275.199	40634.742	45776.957	29.937
31128.334	24.609	1.021	14.809
12/10/2016 4:15:00 AM	195300.000	122.216	19.124
275.303	40645.875	45783.918	29.943
31133.066	24.603	1.021	14.803
12/10/2016 4:30:00 AM	196200.000	122.266	19.122
275.415	40630.074	45768.094	29.931
31122.307	24.612	1.021	14.800
12/10/2016 4:45:00 AM	197100.000	122.339	19.129
275.581	40653.480	45787.922	29.946
31135.787	24.598	1.021	14.809
12/10/2016 5:00:00 AM	198000.000	122.339	19.122
275.582	40626.871	45764.395	29.928
31119.791	24.614	1.021	14.812
12/10/2016 5:15:00 AM	198900.000	122.390	19.124
275.695	40628.898	45765.039	29.929
31120.229	24.613	1.021	14.807
12/10/2016 5:30:00 AM	199800.000	122.422	19.124
275.767	40625.203	45760.633	29.926
31117.230	24.615	1.021	14.809
12/10/2016 5:45:00 AM	200700.000	122.451	19.119
275.833	40618.004	45757.766	29.923
31115.281	24.620	1.021	14.803
12/10/2016 6:00:00 AM	201600.000	122.484	19.117
275.906	40612.145	45753.559	29.920
31112.422	24.623	1.021	14.807
12/10/2016 6:15:00 AM	202500.000	122.510	19.121
275.965	40629.395	45768.777	29.931
31122.770	24.613	1.021	14.804
12/10/2016 6:30:00 AM	203400.000	122.522	19.125
275.993	40610.293	45743.234	29.913
31105.402	24.624	1.021	14.807
12/10/2016 6:45:00 AM	204300.000	122.524	19.127
275.998	40657.859	45794.484	29.950
31140.252	24.595	1.021	14.803
12/10/2016 7:00:00 AM	205200.000	122.548	19.127
276.050	40627.309	45759.984	29.925
31116.791	24.614	1.021	14.810
12/10/2016 7:15:00 AM	206100.000	122.532	19.122
276.016	40659.297	45801.012	29.955
31144.689	24.595	1.021	14.801
12/10/2016 7:30:00 AM	207000.000	122.509	19.132
275.963	40633.578	45762.492	29.927
31118.496	24.610	1.021	14.805
12/10/2016 7:45:00 AM	207900.000	122.525	19.133
276.001	40637.566	45765.965	29.930
31120.857	24.608	1.021	14.802
12/10/2016 8:00:00 AM	208800.000	122.479	19.128
275.897	40639.934	45773.961	29.936
31126.295	24.606	1.021	14.808

12/10/2016 8:15:00 AM	209700.000	122.448	19.120
275.826	40609.930	45747.371	29.916
31108.213	24.625	1.021	14.816
12/10/2016 8:30:00 AM	210600.000	122.425	19.124
275.774	40662.395	45803.117	29.957
31146.119	24.593	1.021	14.814
12/10/2016 8:45:00 AM	211500.000	122.406	19.124
275.732	40645.465	45784.227	29.943
31133.273	24.603	1.021	14.807
12/10/2016 9:00:00 AM	212400.000	122.363	19.119
275.634	40596.758	45733.988	29.906
31099.115	24.633	1.021	14.809
12/10/2016 9:15:00 AM	213300.000	122.330	19.117
275.559	40605.887	45746.156	29.915
31107.387	24.627	1.021	14.808
12/10/2016 9:30:00 AM	214200.000	122.259	19.119
275.401	40629.586	45770.715	29.933
31124.088	24.613	1.021	14.814
12/10/2016 9:45:00 AM	215100.000	122.215	19.130
275.301	40670.730	45806.832	29.960
31148.646	24.588	1.021	14.812
12/10/2016 10:00:00 AM	216000.000	122.163	19.125
275.183	40647.250	45785.031	29.943
31133.824	24.602	1.021	14.814
12/10/2016 10:15:00 AM	216900.000	122.103	19.110
275.048	40585.891	45730.598	29.903
31096.807	24.639	1.021	14.816
12/10/2016 10:30:00 AM	217800.000	122.069	19.115
274.973	40660.309	45809.543	29.961
31150.492	24.594	1.021	14.814
12/10/2016 10:45:00 AM	218700.000	122.000	19.120
274.816	40631.387	45772.230	29.934
31125.119	24.612	1.021	14.814
12/10/2016 11:00:00 AM	219600.000	121.961	19.118
274.730	40627.844	45769.613	29.932
31123.338	24.614	1.021	14.811
12/10/2016 11:15:00 AM	220500.000	121.918	19.112
274.633	40607.164	45752.070	29.919
31111.410	24.626	1.021	14.798
12/10/2016 11:30:00 AM	221400.000	121.861	19.108
274.503	40595.066	45742.648	29.912
31105.004	24.634	1.021	14.800
12/10/2016 11:45:00 AM	222300.000	121.820	19.113
274.410	40641.520	45790.523	29.947
31137.559	24.605	1.021	14.792
12/10/2016 12:00:00 PM	223200.000	121.770	19.112
274.298	40607.934	45753.109	29.920
31112.115	24.626	1.021	14.791
12/10/2016 12:15:00 PM	224100.000	121.731	19.113
274.211	40604.078	45747.820	29.916
31108.520	24.628	1.021	14.788
12/10/2016 12:30:00 PM	225000.000	121.701	19.114
274.143	40612.109	45755.922	29.922
31114.029	24.623	1.021	14.783
12/10/2016 12:45:00 PM	225900.000	121.654	19.115
274.038	40599.973	45741.059	29.911

31103.922	24.631	1.021	14.779
12/10/2016 1:00:00 PM	226800.000	121.649	19.113
274.027	40653.277	45803.426	29.956
31146.332	24.598	1.021	14.778
12/10/2016 1:15:00 PM	227700.000	121.624	19.122
273.970	40626.727	45764.836	29.929
31120.088	24.614	1.021	14.775
12/10/2016 1:30:00 PM	228600.000	121.595	19.117
273.906	40576.461	45712.930	29.891
31084.795	24.645	1.021	14.778
12/10/2016 1:45:00 PM	229500.000	121.602	19.110
273.921	40645.949	45798.098	29.952
31142.707	24.603	1.021	14.773
12/10/2016 2:00:00 PM	230400.000	121.582	19.118
273.875	40650.773	45795.785	29.951
31141.137	24.600	1.021	14.766
12/10/2016 2:15:00 PM	231300.000	121.601	19.111
273.919	40612.902	45759.992	29.925
31116.797	24.623	1.021	14.764
12/10/2016 2:30:00 PM	232200.000	121.606	19.114
273.930	40628.504	45775.086	29.936
31127.061	24.613	1.021	14.765
12/10/2016 2:45:00 PM	233100.000	121.619	19.111
273.960	40645.641	45797.059	29.952
31142.002	24.603	1.021	14.764
12/10/2016 3:00:00 PM	234000.000	121.635	19.112
273.994	40613.746	45760.270	29.925
31116.984	24.622	1.021	14.766
12/10/2016 3:15:00 PM	234900.000	121.661	19.114
274.052	40632.938	45779.391	29.939
31129.988	24.611	1.021	14.768
12/10/2016 3:30:00 PM	235800.000	121.683	19.115
274.103	40623.398	45768.305	29.931
31122.447	24.616	1.021	14.768
12/10/2016 3:45:00 PM	236700.000	121.717	19.120
274.180	40639.414	45780.672	29.940
31130.859	24.607	1.021	14.765
12/10/2016 4:00:00 PM	237600.000	121.737	19.126
274.225	40632.023	45766.496	29.930
31121.217	24.611	1.021	14.772
12/10/2016 4:15:00 PM	238500.000	121.795	19.117
274.356	40603.172	45743.098	29.913
31105.309	24.629	1.021	14.765
12/10/2016 4:30:00 PM	239400.000	121.824	19.120
274.420	40619.406	45758.301	29.924
31115.646	24.619	1.021	14.763
12/10/2016 4:45:00 PM	240300.000	121.871	19.120
274.526	40662.609	45807.496	29.960
31149.100	24.593	1.021	14.761
12/10/2016 5:00:00 PM	241200.000	121.896	19.116
274.583	40602.141	45742.715	29.912
31105.049	24.629	1.021	14.772
12/10/2016 5:15:00 PM	242100.000	121.950	19.123
274.703	40631.281	45768.762	29.932
31122.760	24.612	1.021	14.759
12/10/2016 5:30:00 PM	243000.000	121.987	19.120

274.787	40641.578	45783.195	29.942
31132.574	24.605	1.021	14.769
12/10/2016 5:45:00 PM	243900.000	122.036	19.115
274.899	40608.527	45751.379	29.919
31110.939	24.625	1.021	14.764
12/10/2016 6:00:00 PM	244800.000	122.071	19.117
274.977	40600.605	45740.387	29.911
31103.465	24.630	1.021	14.766
12/10/2016 6:15:00 PM	245700.000	122.079	19.115
274.994	40672.414	45823.016	29.971
31159.652	24.587	1.021	14.778
12/10/2016 6:30:00 PM	246600.000	122.120	19.120
275.087	40646.090	45788.887	29.946
31136.443	24.603	1.021	14.767
12/10/2016 6:45:00 PM	247500.000	122.152	19.118
275.160	40632.805	45775.895	29.937
31127.611	24.611	1.021	14.763
12/10/2016 7:00:00 PM	248400.000	122.186	19.118
275.235	40599.809	45738.723	29.909
31102.334	24.631	1.021	14.772
12/10/2016 7:15:00 PM	249300.000	122.186	19.120
275.236	40647.590	45790.652	29.947
31137.646	24.602	1.021	14.768
12/10/2016 7:30:00 PM	250200.000	122.210	19.119
275.291	40627.398	45768.688	29.931
31122.709	24.614	1.021	14.773
12/10/2016 7:45:00 PM	251100.000	122.214	19.114
275.300	40643.492	45791.371	29.948
31138.135	24.604	1.021	14.779
12/10/2016 8:00:00 PM	252000.000	122.208	19.123
275.287	40612.621	45748.172	29.917
31108.760	24.623	1.021	14.782
12/10/2016 8:15:00 PM	252900.000	122.207	19.125
275.283	40639.527	45775.902	29.937
31127.615	24.607	1.021	14.783
12/10/2016 8:30:00 PM	253800.000	122.197	19.131
275.261	40654.617	45786.969	29.945
31135.139	24.597	1.021	14.779
12/10/2016 8:45:00 PM	254700.000	122.201	19.133
275.270	40652.289	45782.461	29.942
31132.076	24.599	1.021	14.779
12/10/2016 9:00:00 PM	255600.000	122.174	19.133
275.208	40673.820	45806.949	29.960
31148.727	24.586	1.021	14.779
12/10/2016 9:15:00 PM	256500.000	122.179	19.127
275.220	40629.758	45763.352	29.928
31119.082	24.613	1.021	14.782
12/10/2016 9:30:00 PM	257400.000	122.145	19.129
275.144	40617.594	45747.156	29.916
31108.068	24.620	1.021	14.785
12/10/2016 9:45:00 PM	258300.000	122.142	19.130
275.136	40620.691	45749.871	29.918
31109.912	24.618	1.021	14.780
12/10/2016 10:00:00 PM	259200.000	122.103	19.116
275.050	40636.121	45781.262	29.940
31131.260	24.609	1.021	14.789

12/10/2016 10:15:00 PM	260100.000	122.076	19.126
274.987	40609.344	45740.785	29.911
31103.734	24.625	1.021	14.782
12/10/2016 10:30:00 PM	261000.000	122.038	19.118
274.902	40630.313	45772.234	29.934
31125.121	24.612	1.021	14.789
12/10/2016 10:45:00 PM	261900.000	122.023	19.121
274.869	40613.266	45750.699	29.918
31110.477	24.622	1.021	14.799
12/10/2016 11:00:00 PM	262800.000	122.000	19.126
274.818	40616.008	45748.980	29.917
31109.309	24.621	1.021	14.797
12/10/2016 11:15:00 PM	263700.000	121.989	19.123
274.792	40656.324	45797.137	29.952
31142.053	24.596	1.021	14.798
12/10/2016 11:30:00 PM	264600.000	121.932	19.132
274.665	40667.965	45801.574	29.956
31145.070	24.589	1.021	14.799
12/10/2016 11:45:00 PM	265500.000	121.920	19.122
274.636	40642.617	45782.387	29.941
31132.025	24.605	1.021	14.796
12/11/2016 12:00:00 AM	266400.000	121.895	19.122
274.580	40608.855	45744.449	29.914
31106.229	24.625	1.021	14.801
12/11/2016 12:15:00 AM	267300.000	121.876	19.122
274.538	40657.637	45799.305	29.954
31143.527	24.596	1.021	14.799
12/11/2016 12:30:00 AM	268200.000	121.864	19.112
274.510	40601.324	45745.492	29.914
31106.938	24.630	1.021	14.797
12/11/2016 12:45:00 AM	269100.000	121.861	19.117
274.503	40614.602	45756.328	29.922
31114.303	24.622	1.021	14.796
12/11/2016 1:00:00 AM	270000.000	121.856	19.122
274.492	40657.371	45799.008	29.954
31143.328	24.596	1.021	14.798
12/11/2016 1:15:00 AM	270900.000	121.856	19.123
274.492	40664.227	45806.301	29.959
31148.287	24.592	1.021	14.806
12/11/2016 1:30:00 AM	271800.000	121.857	19.116
274.495	40603.852	45744.570	29.914
31106.311	24.628	1.021	14.802
12/11/2016 1:45:00 AM	272700.000	121.875	19.129
274.536	40638.613	45771.695	29.934
31124.756	24.607	1.021	14.799
12/11/2016 2:00:00 AM	273600.000	121.881	19.115
274.550	40637.250	45783.738	29.942
31132.941	24.608	1.021	14.803
12/11/2016 2:15:00 AM	274500.000	121.888	19.124
274.565	40615.293	45750.063	29.918
31110.045	24.621	1.021	14.804
12/11/2016 2:30:00 AM	275400.000	121.910	19.117
274.613	40573.559	45709.316	29.888
31082.338	24.647	1.021	14.811
12/11/2016 2:45:00 AM	276300.000	121.944	19.120
274.692	40671.719	45817.496	29.967

31155.898	24.587	1.021	14.804
12/11/2016 3:00:00 AM	277200.000	121.978	19.119
274.767	40627.145	45768.484	29.931
31122.572	24.614	1.021	14.805
12/11/2016 3:15:00 AM	278100.000	122.028	19.115
274.880	40596.945	45737.809	29.909
31101.713	24.632	1.021	14.805
12/11/2016 3:30:00 AM	279000.000	122.068	19.118
274.970	40651.531	45796.301	29.951
31141.484	24.599	1.021	14.799
12/11/2016 3:45:00 AM	279900.000	122.103	19.120
275.048	40655.773	45799.703	29.954
31143.801	24.597	1.021	14.807
12/11/2016 4:00:00 AM	280800.000	122.158	19.122
275.173	40617.125	45753.926	29.921
31112.672	24.620	1.021	14.804
12/11/2016 4:15:00 AM	281700.000	122.220	19.116
275.313	40622.656	45765.828	29.929
31120.766	24.617	1.021	14.803
12/11/2016 4:30:00 AM	282600.000	122.268	19.120
275.420	40628.547	45768.340	29.931
31122.473	24.613	1.021	14.800
12/11/2016 4:45:00 AM	283500.000	122.315	19.120
275.527	40620.063	45759.477	29.925
31116.447	24.618	1.021	14.798
12/11/2016 5:00:00 AM	284400.000	122.365	19.125
275.640	40650.859	45789.020	29.946
31136.533	24.600	1.021	14.802
12/11/2016 5:15:00 AM	285300.000	122.429	19.123
275.783	40681.969	45826.289	29.973
31161.879	24.581	1.021	14.803
12/11/2016 5:30:00 AM	286200.000	122.456	19.125
275.844	40621.402	45756.086	29.922
31114.139	24.618	1.021	14.810
12/11/2016 5:45:00 AM	287100.000	122.497	19.142
275.938	40610.160	45726.680	29.902
31094.145	24.624	1.021	14.803
12/11/2016 6:00:00 AM	288000.000	122.532	19.143
276.015	40677.977	45801.754	29.957
31145.195	24.583	1.021	14.809
12/11/2016 6:15:00 AM	288900.000	122.594	19.136
276.156	40615.500	45738.184	29.910
31101.967	24.621	1.021	14.810
12/11/2016 6:30:00 AM	289800.000	122.604	19.138
276.178	40673.480	45801.328	29.956
31144.904	24.586	1.021	14.811
12/11/2016 6:45:00 AM	290700.000	122.615	19.125
276.203	40657.961	45796.758	29.952
31141.797	24.595	1.021	14.817
12/11/2016 7:00:00 AM	291600.000	122.657	19.138
276.296	40659.660	45785.684	29.945
31134.268	24.594	1.021	14.812
12/11/2016 7:15:00 AM	292500.000	122.700	19.120
276.393	40639.227	45780.461	29.940
31130.715	24.607	1.021	14.814
12/11/2016 7:30:00 AM	293400.000	122.674	19.114

276.335	40616.523	45760.809	29.925
31117.352	24.621	1.021	14.815
12/11/2016 7:45:00 AM	294300.000	122.673	19.129
276.333	40641.402	45774.320	29.936
31126.541	24.605	1.021	14.817
12/11/2016 8:00:00 AM	295200.000	122.674	19.131
276.335	40636.063	45766.070	29.930
31120.930	24.609	1.021	14.810
12/11/2016 8:15:00 AM	296100.000	122.656	19.130
276.295	40644.328	45776.746	29.938
31128.189	24.604	1.021	14.816
12/11/2016 8:30:00 AM	297000.000	122.650	19.124
276.282	40610.691	45744.449	29.914
31106.229	24.624	1.021	14.816
12/11/2016 8:45:00 AM	297900.000	122.635	19.139
276.248	40637.121	45759.965	29.926
31116.779	24.608	1.021	14.814
12/11/2016 9:00:00 AM	298800.000	122.586	19.138
276.138	40621.887	45743.410	29.914
31105.520	24.617	1.021	14.820
12/11/2016 9:15:00 AM	299700.000	122.556	19.136
276.069	40656.129	45784.027	29.943
31133.141	24.597	1.021	14.820
12/11/2016 9:30:00 AM	300600.000	122.495	19.138
275.931	40623.555	45745.109	29.915
31106.676	24.616	1.021	14.826
12/11/2016 9:45:00 AM	301500.000	122.455	19.142
275.843	40667.105	45790.977	29.949
31137.867	24.590	1.021	14.824
12/11/2016 10:00:00 AM	302400.000	122.427	19.137
275.779	40637.016	45761.730	29.927
31117.977	24.608	1.021	14.822
12/11/2016 10:15:00 AM	303300.000	122.380	19.138
275.674	40642.008	45766.152	29.930
31120.984	24.605	1.021	14.820
12/11/2016 10:30:00 AM	304200.000	122.295	19.119
275.482	40629.223	45770.484	29.933
31123.932	24.613	1.021	14.818
12/11/2016 10:45:00 AM	305100.000	122.229	19.140
275.334	40650.500	45774.082	29.936
31126.379	24.600	1.021	14.821
12/11/2016 11:00:00 AM	306000.000	122.162	19.140
275.181	40632.461	45753.941	29.922
31112.680	24.611	1.021	14.818
12/11/2016 11:15:00 AM	306900.000	122.105	19.136
275.053	40658.633	45786.504	29.945
31134.822	24.595	1.021	14.819
12/11/2016 11:30:00 AM	307800.000	122.030	19.138
274.885	40628.535	45750.898	29.919
31110.613	24.613	1.021	14.812
12/11/2016 11:45:00 AM	308700.000	121.989	19.139
274.791	40639.570	45762.633	29.928
31118.592	24.607	1.021	14.816
12/11/2016 12:00:00 PM	309600.000	121.898	19.139
274.586	40678.527	45806.590	29.960
31148.480	24.583	1.021	14.816

12/11/2016 12:15:00 PM	310500.000	121.850	19.123
274.478	40615.246	45750.699	29.918
31110.477	24.621	1.021	14.806
12/11/2016 12:30:00 PM	311400.000	121.809	19.108
274.386	40645.293	45799.844	29.953
31143.896	24.603	1.021	14.806
12/11/2016 12:45:00 PM	312300.000	121.747	19.108
274.248	40639.570	45793.059	29.949
31139.281	24.607	1.021	14.805
12/11/2016 1:00:00 PM	313200.000	121.716	19.110
274.178	40596.289	45742.484	29.912
31104.893	24.633	1.021	14.799
12/11/2016 1:15:00 PM	314100.000	121.661	19.113
274.054	40611.242	45755.719	29.922
31113.891	24.624	1.021	14.798
12/11/2016 1:30:00 PM	315000.000	121.621	19.115
273.962	40624.180	45768.676	29.931
31122.701	24.616	1.021	14.800
12/11/2016 1:45:00 PM	315900.000	121.580	19.123
273.871	40613.551	45748.793	29.917
31109.180	24.622	1.021	14.803
12/11/2016 2:00:00 PM	316800.000	121.554	19.127
273.813	40617.289	45748.879	29.917
31109.240	24.620	1.021	14.799
12/11/2016 2:15:00 PM	317700.000	121.532	19.131
273.763	40615.961	45743.949	29.914
31105.889	24.621	1.021	14.803
12/11/2016 2:30:00 PM	318600.000	121.533	19.126
273.765	40622.211	45755.531	29.922
31113.764	24.617	1.021	14.807
12/11/2016 2:45:00 PM	319500.000	121.525	19.116
273.746	40626.828	45770.273	29.932
31123.789	24.614	1.021	14.802
12/11/2016 3:00:00 PM	320400.000	121.517	19.122
273.729	40635.609	45775.184	29.936
31127.127	24.609	1.021	14.809
12/11/2016 3:15:00 PM	321300.000	121.531	19.120
273.761	40602.215	45738.934	29.910
31102.477	24.629	1.021	14.803
12/11/2016 3:30:00 PM	322200.000	121.535	19.117
273.770	40606.797	45747.270	29.916
31108.146	24.626	1.021	14.804
12/11/2016 3:45:00 PM	323100.000	121.559	19.118
273.824	40635.230	45777.938	29.938
31129.000	24.609	1.021	14.805
12/11/2016 4:00:00 PM	324000.000	121.603	19.113
273.924	40639.758	45788.277	29.945
31136.029	24.606	1.021	14.802
12/11/2016 4:15:00 PM	324900.000	121.620	19.116
273.961	40629.344	45773.965	29.935
31126.299	24.613	1.021	14.801
12/11/2016 4:30:00 PM	325800.000	121.644	19.123
274.015	40614.102	45749.750	29.918
31109.830	24.622	1.021	14.799
12/11/2016 4:45:00 PM	326700.000	121.701	19.113
274.143	40618.492	45764.234	29.928

31119.680	24.619	1.021	14.800
12/11/2016 5:00:00 PM	327600.000	121.739	19.113
274.228	40628.969	45775.777	29.936
31127.531	24.613	1.021	14.797
12/11/2016 5:15:00 PM	328500.000	121.790	19.111
274.344	40658.438	45811.301	29.962
31151.688	24.595	1.021	14.791
12/11/2016 5:30:00 PM	329400.000	121.828	19.129
274.429	40670.621	45806.965	29.960
31148.736	24.588	1.021	14.794
12/11/2016 5:45:00 PM	330300.000	121.874	19.134
274.534	40675.609	45808.281	29.961
31149.631	24.585	1.021	14.794
12/11/2016 6:00:00 PM	331200.000	121.928	19.133
274.655	40624.188	45751.234	29.919
31110.842	24.616	1.021	14.797
12/11/2016 6:15:00 PM	332100.000	121.973	19.123
274.755	40601.180	45735.102	29.907
31099.871	24.630	1.021	14.800
12/11/2016 6:30:00 PM	333000.000	122.011	19.129
274.841	40621.281	45751.656	29.919
31111.127	24.618	1.021	14.800
12/11/2016 6:45:00 PM	333900.000	122.066	19.122
274.966	40624.445	45762.527	29.927
31118.521	24.616	1.021	14.794
12/11/2016 7:00:00 PM	334800.000	122.116	19.130
275.079	40662.277	45796.547	29.952
31141.652	24.593	1.021	14.791
12/11/2016 7:15:00 PM	335700.000	122.160	19.127
275.177	40610.492	45741.395	29.912
31104.150	24.624	1.021	14.793
12/11/2016 7:30:00 PM	336600.000	122.154	19.145
275.163	40667.617	45787.859	29.946
31135.746	24.590	1.021	14.799
12/11/2016 7:45:00 PM	337500.000	122.200	19.127
275.267	40643.309	45778.523	29.939
31129.398	24.604	1.021	14.795
12/11/2016 8:00:00 PM	338400.000	122.241	19.112
275.359	40591.250	45734.750	29.906
31099.633	24.636	1.021	14.792
12/11/2016 8:15:00 PM	339300.000	122.264	19.121
275.411	40659.008	45802.055	29.956
31145.398	24.595	1.021	14.797
12/11/2016 8:30:00 PM	340200.000	122.261	19.125
275.405	40648.848	45786.754	29.945
31134.994	24.601	1.021	14.798
12/11/2016 8:45:00 PM	341100.000	122.277	19.123
275.442	40619.652	45756.004	29.922
31114.084	24.619	1.021	14.798
12/11/2016 9:00:00 PM	342000.000	122.323	19.128
275.544	40621.098	45752.656	29.920
31111.809	24.618	1.021	14.790
12/11/2016 9:15:00 PM	342900.000	122.286	19.128
275.461	40654.082	45789.719	29.947
31137.010	24.598	1.021	14.793
12/11/2016 9:30:00 PM	343800.000	122.311	19.125

275.518	40581.059	45710.555	29.889
31083.180	24.642	1.021	14.795
12/11/2016 9:45:00 PM	344700.000	122.285	19.129
275.458	40634.012	45765.730	29.930
31120.699	24.610	1.021	14.789
12/11/2016 10:00:00 PM	345600.000	122.270	19.127
275.426	40650.715	45787.293	29.945
31135.361	24.600	1.021	14.794
12/11/2016 10:15:00 PM	346500.000	122.258	19.120
275.397	40634.273	45775.484	29.936
31127.330	24.610	1.021	14.792
12/11/2016 10:30:00 PM	347400.000	122.217	19.128
275.305	40660.738	45796.695	29.952
31141.756	24.594	1.021	14.791
12/11/2016 10:45:00 PM	348300.000	122.213	19.128
275.296	40607.027	45736.457	29.908
31100.791	24.626	1.021	14.799
12/11/2016 11:00:00 PM	349200.000	122.183	19.123
275.229	40629.367	45766.254	29.930
31121.053	24.613	1.021	14.795
12/11/2016 11:15:00 PM	350100.000	122.155	19.130
275.165	40666.074	45801.496	29.956
31145.020	24.591	1.021	14.794
12/11/2016 11:30:00 PM	351000.000	122.124	19.130
275.096	40654.813	45788.477	29.946
31136.166	24.597	1.021	14.797
12/11/2016 11:45:00 PM	351900.000	122.107	19.121
275.059	40636.789	45776.598	29.937
31128.088	24.608	1.021	14.796
12/12/2016 12:00:00 AM	352800.000	122.089	19.121
275.018	40644.387	45785.758	29.944
31134.318	24.604	1.021	14.791
12/12/2016 12:15:00 AM	353700.000	122.047	19.122
274.923	40640.992	45780.559	29.940
31130.781	24.606	1.021	14.799
12/12/2016 12:30:00 AM	354600.000	122.041	19.116
274.909	40605.059	45746.527	29.915
31107.639	24.627	1.021	14.790
12/12/2016 12:45:00 AM	355500.000	122.007	19.124
274.833	40652.727	45791.797	29.948
31138.424	24.599	1.021	14.795
12/12/2016 1:00:00 AM	356400.000	121.984	19.122
274.780	40654.723	45796.277	29.952
31141.471	24.597	1.021	14.798
12/12/2016 1:15:00 AM	357300.000	121.976	19.117
274.762	40609.859	45750.813	29.918
31110.555	24.625	1.021	14.797
12/12/2016 1:30:00 AM	358200.000	121.967	19.121
274.742	40643.848	45785.234	29.943
31133.961	24.604	1.021	14.794
12/12/2016 1:45:00 AM	359100.000	121.959	19.126
274.724	40603.008	45733.738	29.906
31098.943	24.629	1.021	14.794
12/12/2016 2:00:00 AM	360000.000	121.956	19.137
274.718	40658.078	45784.938	29.944
31133.758	24.595	1.021	14.790

12/12/2016 2:15:00 AM	360900.000	121.953	19.138
274.712	40643.480	45768.242	29.932
31122.406	24.604	1.021	14.789
12/12/2016 2:30:00 AM	361800.000	121.962	19.123
274.731	40675.273	45818.055	29.967
31156.279	24.585	1.021	14.797
12/12/2016 2:45:00 AM	362700.000	121.975	19.130
274.760	40646.414	45778.754	29.939
31129.555	24.602	1.021	14.795
12/12/2016 3:00:00 AM	363600.000	121.983	19.127
274.779	40666.809	45805.254	29.958
31147.574	24.590	1.021	14.795
12/12/2016 3:15:00 AM	364500.000	122.040	19.106
274.907	40596.980	45746.535	29.915
31107.646	24.632	1.021	14.787
12/12/2016 3:30:00 AM	365400.000	122.057	19.111
274.945	40659.695	45812.297	29.963
31152.363	24.594	1.021	14.793
12/12/2016 3:45:00 AM	366300.000	122.087	19.120
275.013	40646.383	45788.434	29.946
31136.137	24.602	1.021	14.789
12/12/2016 4:00:00 AM	367200.000	122.127	19.130
275.103	40632.484	45762.992	29.928
31118.838	24.611	1.021	14.787
12/12/2016 4:15:00 AM	368100.000	122.176	19.123
275.213	40606.660	45741.539	29.912
31104.248	24.627	1.021	14.787
12/12/2016 4:30:00 AM	369000.000	122.222	19.112
275.316	40665.484	45818.125	29.967
31156.328	24.591	1.021	14.790
12/12/2016 4:45:00 AM	369900.000	122.244	19.131
275.366	40633.137	45763.117	29.928
31118.922	24.610	1.021	14.798
12/12/2016 5:00:00 AM	370800.000	122.325	19.136
275.549	40637.887	45763.484	29.928
31119.172	24.608	1.021	14.788
12/12/2016 5:15:00 AM	371700.000	122.381	19.129
275.674	40686.605	45824.801	29.973
31160.865	24.578	1.021	14.787
12/12/2016 5:30:00 AM	372600.000	122.433	19.124
275.791	40593.617	45725.645	29.900
31093.441	24.634	1.021	14.786
12/12/2016 5:45:00 AM	373500.000	122.482	19.123
275.902	40619.164	45754.852	29.921
31113.301	24.619	1.021	14.794
12/12/2016 6:00:00 AM	374400.000	122.526	19.120
276.002	40616.898	45755.137	29.922
31113.494	24.620	1.021	14.794
12/12/2016 6:15:00 AM	375300.000	122.588	19.119
276.140	40628.996	45770.570	29.933
31123.988	24.613	1.021	14.794
12/12/2016 6:30:00 AM	376200.000	122.617	19.125
276.206	40683.609	45826.328	29.974
31161.906	24.580	1.021	14.792
12/12/2016 6:45:00 AM	377100.000	122.671	19.126
276.329	40656.980	45794.441	29.950

31140.223	24.596	1.021	14.796
12/12/2016 7:00:00 AM	378000.000	122.702	19.136
276.399	40666.414	45795.355	29.952
31140.842	24.590	1.021	14.797
12/12/2016 7:15:00 AM	378900.000	122.740	19.130
276.483	40641.926	45774.133	29.936
31126.412	24.605	1.021	14.790
12/12/2016 7:30:00 AM	379800.000	122.761	19.132
276.530	40615.789	45742.457	29.913
31104.871	24.621	1.021	14.796
12/12/2016 7:45:00 AM	380700.000	122.812	19.139
276.645	40604.953	45723.559	29.899
31092.021	24.628	1.021	14.788
12/12/2016 8:00:00 AM	381600.000	122.823	19.139
276.670	40657.324	45782.797	29.943
31132.305	24.596	1.021	14.794
12/12/2016 8:15:00 AM	382500.000	122.809	19.124
276.638	40653.160	45792.125	29.949
31138.645	24.598	1.021	14.802
12/12/2016 8:30:00 AM	383400.000	122.815	19.127
276.653	40658.305	45795.504	29.951
31140.945	24.595	1.021	14.801
12/12/2016 8:45:00 AM	384300.000	122.812	19.122
276.645	40594.188	45728.352	29.902
31095.281	24.634	1.021	14.805
12/12/2016 9:00:00 AM	385200.000	122.788	19.121
276.591	40616.543	45753.973	29.921
31112.703	24.621	1.021	14.808
12/12/2016 9:15:00 AM	386100.000	122.801	19.121
276.622	40637.316	45777.875	29.938
31128.955	24.608	1.021	14.809
12/12/2016 9:30:00 AM	387000.000	122.765	19.120
276.540	40678.031	45824.523	29.972
31160.678	24.583	1.021	14.811
12/12/2016 9:45:00 AM	387900.000	122.729	19.119
276.460	40650.656	45794.449	29.950
31140.229	24.600	1.021	14.808
12/12/2016 10:00:00 AM	388800.000	122.673	19.127
276.334	40613.262	45744.340	29.914
31106.154	24.622	1.021	14.816
12/12/2016 10:15:00 AM	389700.000	122.627	19.140
276.229	40622.152	45741.824	29.913
31104.443	24.617	1.021	14.810
12/12/2016 10:30:00 AM	390600.000	122.577	19.146
276.117	40657.715	45776.453	29.938
31127.988	24.596	1.021	14.812
12/12/2016 10:45:00 AM	391500.000	122.535	19.134
276.021	40666.414	45797.926	29.953
31142.592	24.590	1.021	14.812
12/12/2016 11:00:00 AM	392400.000	122.429	19.139
275.783	40596.469	45713.926	29.892
31085.473	24.633	1.021	14.811
12/12/2016 11:15:00 AM	393300.000	122.381	19.142
275.675	40653.539	45775.523	29.937
31127.357	24.598	1.021	14.809
12/12/2016 11:30:00 AM	394200.000	122.303	19.143

275.499	40679.156	45803.344	29.958
31146.275	24.583	1.021	14.799
12/12/2016 11:45:00 AM	395100.000	122.240	19.135
275.358	40598.645	45720.582	29.897
31089.998	24.631	1.021	14.798
12/12/2016 12:00:00 PM	396000.000	122.156	19.134
275.167	40656.020	45786.223	29.945
31134.633	24.597	1.021	14.794
12/12/2016 12:15:00 PM	396900.000	122.116	19.133
275.078	40648.555	45778.676	29.939
31129.502	24.601	1.021	14.779
12/12/2016 12:30:00 PM	397800.000	122.026	19.128
274.876	40672.992	45810.672	29.962
31151.258	24.586	1.021	14.785
12/12/2016 12:45:00 PM	398700.000	121.967	19.138
274.742	40649.875	45775.527	29.937
31127.361	24.600	1.021	14.783
12/12/2016 1:00:00 PM	399600.000	121.897	19.133
274.586	40614.461	45740.363	29.911
31103.449	24.622	1.021	14.777
12/12/2016 1:15:00 PM	400500.000	121.830	19.133
274.434	40610.344	45735.816	29.908
31100.357	24.624	1.021	14.784
12/12/2016 1:30:00 PM	401400.000	121.779	19.125
274.318	40619.707	45753.930	29.921
31112.672	24.619	1.021	14.774
12/12/2016 1:45:00 PM	402300.000	121.713	19.106
274.171	40655.160	45812.168	29.962
31152.277	24.597	1.021	14.788
12/12/2016 2:00:00 PM	403200.000	121.667	19.114
274.067	40607.965	45751.426	29.919
31110.971	24.626	1.021	14.783
12/12/2016 2:15:00 PM	404100.000	121.599	19.116
273.914	40577.973	45715.570	29.892
31086.590	24.644	1.021	14.777
12/12/2016 2:30:00 PM	405000.000	121.581	19.107
273.872	40642.359	45796.621	29.951
31141.705	24.605	1.021	14.781
12/12/2016 2:45:00 PM	405900.000	121.564	19.110
273.835	40578.852	45722.313	29.897
31091.174	24.643	1.021	14.776
12/12/2016 3:00:00 PM	406800.000	121.518	19.112
273.731	40645.355	45795.711	29.951
31141.084	24.603	1.021	14.779
12/12/2016 3:15:00 PM	407700.000	121.521	19.107
273.739	40608.109	45758.547	29.923
31115.814	24.626	1.021	14.775
12/12/2016 3:30:00 PM	408600.000	121.513	19.110
273.719	40610.758	45758.789	29.924
31115.979	24.624	1.021	14.778
12/12/2016 3:45:00 PM	409500.000	121.506	19.116
273.704	40585.211	45723.387	29.898
31091.904	24.640	1.021	14.780
12/12/2016 4:00:00 PM	410400.000	121.520	19.125
273.736	40647.605	45784.828	29.943
31133.684	24.602	1.021	14.776

12/12/2016 4:15:00 PM	411300.000	121.532	19.127
273.762	40647.230	45782.512	29.942
31132.109	24.602	1.021	14.772
12/12/2016 4:30:00 PM	412200.000	121.555	19.136
273.815	40628.484	45753.410	29.921
31112.320	24.613	1.021	14.773
12/12/2016 4:45:00 PM	413100.000	121.587	19.134
273.886	40611.434	45735.590	29.908
31100.203	24.624	1.021	14.767
12/12/2016 5:00:00 PM	414000.000	121.608	19.129
273.934	40643.012	45776.211	29.937
31127.824	24.604	1.021	14.766
12/12/2016 5:15:00 PM	414900.000	121.647	19.122
274.023	40643.371	45783.328	29.942
31132.666	24.604	1.021	14.772
12/12/2016 5:30:00 PM	415800.000	121.681	19.124
274.097	40637.180	45774.805	29.936
31126.869	24.608	1.021	14.777
12/12/2016 5:45:00 PM	416700.000	121.729	19.117
274.207	40644.195	45789.758	29.947
31137.037	24.604	1.021	14.773
12/12/2016 6:00:00 PM	417600.000	121.776	19.120
274.312	40630.074	45770.234	29.933
31123.762	24.612	1.021	14.779
12/12/2016 6:15:00 PM	418500.000	121.829	19.124
274.432	40681.113	45824.383	29.972
31160.582	24.581	1.021	14.780
12/12/2016 6:30:00 PM	419400.000	121.888	19.130
274.565	40627.020	45756.836	29.923
31114.650	24.614	1.021	14.775
12/12/2016 6:45:00 PM	420300.000	121.936	19.123
274.672	40601.543	45735.000	29.907
31099.803	24.630	1.021	14.772
12/12/2016 7:00:00 PM	421200.000	121.990	19.136
274.793	40632.691	45757.289	29.924
31114.957	24.611	1.021	14.772
12/12/2016 7:15:00 PM	422100.000	122.035	19.140
274.895	40644.961	45767.848	29.932
31122.139	24.603	1.021	14.779
12/12/2016 7:30:00 PM	423000.000	122.089	19.142
275.016	40668.098	45791.578	29.949
31138.275	24.589	1.021	14.779
12/12/2016 7:45:00 PM	423900.000	122.153	19.136
275.161	40643.391	45769.773	29.933
31123.447	24.604	1.021	14.775
12/12/2016 8:00:00 PM	424800.000	122.191	19.117
275.247	40634.449	45778.777	29.939
31129.570	24.610	1.021	14.778
12/12/2016 8:15:00 PM	425700.000	122.237	19.114
275.352	40648.730	45797.273	29.952
31142.146	24.601	1.021	14.776
12/12/2016 8:30:00 PM	426600.000	122.283	19.118
275.455	40673.059	45820.469	29.969
31157.920	24.586	1.021	14.771
12/12/2016 8:45:00 PM	427500.000	122.316	19.125
275.528	40623.133	45757.609	29.924

31115.176	24.617	1.021	14.771
12/12/2016 9:00:00 PM	428400.000	122.346	19.125
275.597	40665.371	45805.012	29.958
31147.410	24.591	1.021	14.779
12/12/2016 9:15:00 PM	429300.000	122.350	19.120
275.605	40616.273	45754.605	29.921
31113.135	24.621	1.021	14.780
12/12/2016 9:30:00 PM	430200.000	122.392	19.127
275.700	40650.621	45786.332	29.945
31134.709	24.600	1.021	14.775
12/12/2016 9:45:00 PM	431100.000	122.383	19.117
275.679	40612.508	45753.969	29.920
31112.701	24.623	1.021	14.780
12/12/2016 10:00:00 PM	432000.000	122.385	19.127
275.684	40636.715	45771.277	29.934
31124.471	24.608	1.021	14.781
12/12/2016 10:15:00 PM	432900.000	122.396	19.127
275.708	40605.621	45735.910	29.908
31100.422	24.627	1.021	14.786
12/12/2016 10:30:00 PM	433800.000	122.393	19.124
275.701	40668.953	45810.074	29.962
31150.852	24.589	1.021	14.775
12/12/2016 10:45:00 PM	434700.000	122.395	19.121
275.706	40611.793	45749.215	29.917
31109.469	24.623	1.021	14.780
12/12/2016 11:00:00 PM	435600.000	122.366	19.129
275.641	40649.563	45783.164	29.942
31132.555	24.601	1.021	14.782
12/12/2016 11:15:00 PM	436500.000	122.336	19.127
275.573	40616.445	45748.266	29.917
31108.822	24.621	1.021	14.786
12/12/2016 11:30:00 PM	437400.000	122.334	19.114
275.570	40612.988	45757.422	29.923
31115.047	24.623	1.021	14.772
12/12/2016 11:45:00 PM	438300.000	122.306	19.119
275.507	40645.176	45788.797	29.946
31136.385	24.603	1.021	14.778
12/13/2016 12:00:00 AM	439200.000	122.279	19.127
275.446	40654.566	45791.633	29.948
31138.311	24.597	1.021	14.786
12/13/2016 12:15:00 AM	440100.000	122.241	19.137
275.359	40631.836	45755.387	29.922
31113.664	24.611	1.021	14.777
12/13/2016 12:30:00 AM	441000.000	122.228	19.125
275.330	40632.602	45768.102	29.931
31122.311	24.611	1.021	14.784
12/13/2016 12:45:00 AM	441900.000	122.186	19.134
275.235	40651.508	45781.230	29.941
31131.236	24.599	1.021	14.780
12/13/2016 1:00:00 AM	442800.000	122.158	19.131
275.173	40669.070	45803.586	29.957
31146.441	24.589	1.021	14.777
12/13/2016 1:15:00 AM	443700.000	122.141	19.127
275.134	40675.672	45814.902	29.965
31154.137	24.585	1.021	14.779
12/13/2016 1:30:00 AM	444600.000	122.121	19.131

275.089	40640.734	45771.250	29.934
31124.453	24.606	1.021	14.782
12/13/2016 1:45:00 AM	445500.000	122.094	19.131
275.029	40639.281	45769.961	29.933
31123.576	24.607	1.021	14.786
12/13/2016 2:00:00 AM	446400.000	122.079	19.127
274.995	40671.898	45810.563	29.962
31151.186	24.587	1.021	14.789
12/13/2016 2:15:00 AM	447300.000	122.064	19.124
274.961	40638.488	45776.191	29.937
31127.811	24.607	1.021	14.784
12/13/2016 2:30:00 AM	448200.000	122.044	19.120
274.915	40620.824	45759.559	29.925
31116.500	24.618	1.021	14.786
12/13/2016 2:45:00 AM	449100.000	122.050	19.136
274.930	40659.164	45787.535	29.946
31135.525	24.595	1.021	14.787
12/13/2016 3:00:00 AM	450000.000	122.049	19.144
274.927	40638.125	45756.199	29.923
31114.217	24.607	1.021	14.790
12/13/2016 3:15:00 AM	450900.000	122.052	19.143
274.933	40650.711	45771.145	29.934
31124.381	24.600	1.021	14.786
12/13/2016 3:30:00 AM	451800.000	122.073	19.145
274.980	40698.832	45823.523	29.972
31159.998	24.571	1.021	14.783
12/13/2016 3:45:00 AM	452700.000	122.115	19.149
275.077	40654.434	45768.887	29.933
31122.844	24.598	1.021	14.780
12/13/2016 4:00:00 AM	453600.000	122.120	19.124
275.086	40626.914	45762.805	29.927
31118.707	24.614	1.021	14.780
12/13/2016 4:15:00 AM	454500.000	122.153	19.119
275.162	40658.980	45803.828	29.957
31146.605	24.595	1.021	14.780
12/13/2016 4:30:00 AM	455400.000	122.202	19.116
275.272	40649.809	45796.766	29.952
31141.803	24.600	1.021	14.774
12/13/2016 4:45:00 AM	456300.000	122.229	19.114
275.333	40629.395	45775.152	29.936
31127.105	24.613	1.021	14.777
12/13/2016 5:00:00 AM	457200.000	122.265	19.126
275.414	40653.758	45791.242	29.948
31138.047	24.598	1.021	14.775
12/13/2016 5:15:00 AM	458100.000	122.324	19.121
275.546	40620.234	45758.379	29.924
31115.697	24.618	1.021	14.776
12/13/2016 5:30:00 AM	459000.000	122.358	19.132
275.623	40644.129	45774.641	29.936
31126.756	24.604	1.021	14.776
12/13/2016 5:45:00 AM	459900.000	122.423	19.118
275.771	40620.879	45761.945	29.926
31118.123	24.618	1.021	14.773
12/13/2016 6:00:00 AM	460800.000	122.475	19.119
275.888	40656.973	45801.820	29.955
31145.238	24.596	1.021	14.779

12/13/2016 6:15:00 AM	461700.000	122.530	19.124
276.011	40623.375	45758.820	29.924
31116.000	24.616	1.021	14.777
12/13/2016 6:30:00 AM	462600.000	122.571	19.120
276.103	40619.793	45758.918	29.924
31116.066	24.619	1.021	14.784
12/13/2016 6:45:00 AM	463500.000	122.623	19.124
276.221	40625.520	45761.762	29.926
31118.000	24.615	1.021	14.781
12/13/2016 7:00:00 AM	464400.000	122.678	19.118
276.344	40649.871	45794.684	29.950
31140.387	24.600	1.021	14.785
12/13/2016 7:15:00 AM	465300.000	122.740	19.121
276.483	40651.215	45792.848	29.949
31139.137	24.600	1.021	14.786
12/13/2016 7:30:00 AM	466200.000	122.785	19.121
276.586	40656.094	45799.027	29.954
31143.342	24.597	1.021	14.782
12/13/2016 7:45:00 AM	467100.000	122.817	19.123
276.658	40604.039	45738.164	29.909
31101.953	24.628	1.021	14.790
12/13/2016 8:00:00 AM	468000.000	122.873	19.128
276.783	40660.488	45796.852	29.952
31141.861	24.594	1.021	14.791
12/13/2016 8:15:00 AM	468900.000	122.870	19.127
276.777	40638.309	45773.156	29.935
31125.748	24.607	1.021	14.794
12/13/2016 8:30:00 AM	469800.000	122.899	19.125
276.841	40651.984	45789.762	29.947
31137.041	24.599	1.021	14.795
12/13/2016 8:45:00 AM	470700.000	122.906	19.122
276.857	40619.383	45756.215	29.922
31114.227	24.619	1.021	14.812
12/13/2016 9:00:00 AM	471600.000	122.920	19.133
276.890	40654.395	45784.832	29.944
31133.688	24.598	1.021	14.798
12/13/2016 9:15:00 AM	472500.000	122.919	19.129
276.887	40677.914	45815.359	29.966
31154.447	24.583	1.021	14.809
12/13/2016 9:30:00 AM	473400.000	122.895	19.128
276.833	40623.609	45754.879	29.922
31113.320	24.616	1.021	14.810
12/13/2016 9:45:00 AM	474300.000	122.897	19.125
276.837	40645.941	45783.125	29.942
31132.527	24.603	1.021	14.804
12/13/2016 10:00:00 AM	475200.000	122.857	19.142
276.747	40658.469	45780.473	29.941
31130.725	24.595	1.021	14.811
12/13/2016 10:15:00 AM	476100.000	122.847	19.129
276.726	40633.492	45765.582	29.930
31120.598	24.610	1.021	14.811
12/13/2016 10:30:00 AM	477000.000	122.788	19.128
276.592	40646.090	45780.633	29.940
31130.830	24.603	1.021	14.807
12/13/2016 10:45:00 AM	477900.000	122.751	19.128
276.510	40674.355	45812.645	29.964

31152.600	24.586	1.021	14.813
12/13/2016 11:00:00 AM	478800.000	122.698	19.136
276.389	40632.723	45757.234	29.924
31114.922	24.611	1.021	14.810
12/13/2016 11:15:00 AM	479700.000	122.629	19.141
276.233	40657.609	45781.227	29.941
31131.234	24.596	1.021	14.803
12/13/2016 11:30:00 AM	480600.000	122.566	19.139
276.092	40657.828	45783.281	29.943
31132.633	24.596	1.021	14.803
12/13/2016 11:45:00 AM	481500.000	122.517	19.128
275.982	40658.988	45795.336	29.951
31140.828	24.595	1.021	14.796
12/13/2016 12:00:00 PM	482400.000	122.462	19.111
275.857	40634.492	45784.496	29.942
31133.459	24.610	1.021	14.797
12/13/2016 12:15:00 PM	483300.000	122.365	19.108
275.638	40584.688	45731.379	29.904
31097.340	24.640	1.021	14.790
12/13/2016 12:30:00 PM	484200.000	122.299	19.113
275.491	40657.066	45807.613	29.959
31149.180	24.596	1.021	14.783
12/13/2016 12:45:00 PM	485100.000	122.224	19.118
275.322	40636.535	45779.746	29.939
31130.230	24.608	1.021	14.782
12/13/2016 1:00:00 PM	486000.000	122.145	19.118
275.143	40612.645	45752.668	29.920
31111.816	24.623	1.021	14.779
12/13/2016 1:15:00 PM	486900.000	122.072	19.113
274.979	40647.117	45796.406	29.951
31141.559	24.602	1.021	14.778
12/13/2016 1:30:00 PM	487800.000	121.990	19.110
274.794	40616.750	45765.195	29.928
31120.334	24.620	1.021	14.780
12/13/2016 1:45:00 PM	488700.000	121.927	19.100
274.653	40651.449	45814.359	29.964
31153.768	24.599	1.021	14.770
12/13/2016 2:00:00 PM	489600.000	121.851	19.101
274.482	40639.879	45800.625	29.954
31144.426	24.606	1.021	14.766
12/13/2016 2:15:00 PM	490500.000	121.778	19.117
274.316	40637.820	45782.484	29.941
31132.092	24.608	1.021	14.780
12/13/2016 2:30:00 PM	491400.000	121.731	19.112
274.212	40663.789	45816.652	29.966
31155.324	24.592	1.021	14.778
12/13/2016 2:45:00 PM	492300.000	121.674	19.121
274.082	40628.871	45768.363	29.931
31122.490	24.613	1.021	14.777
12/13/2016 3:00:00 PM	493200.000	121.607	19.124
273.933	40624.520	45760.711	29.926
31117.285	24.616	1.021	14.776
12/13/2016 3:15:00 PM	494100.000	121.585	19.129
273.882	40648.680	45782.340	29.942
31131.994	24.601	1.021	14.770
12/13/2016 3:30:00 PM	495000.000	121.552	19.124

273.807	40650.953	45790.410	29.947
31137.480	24.600	1.021	14.769
12/13/2016 3:45:00 PM	495900.000	121.524	19.121
273.746	40633.531	45773.527	29.935
31126.000	24.610	1.021	14.773
12/13/2016 4:00:00 PM	496800.000	121.503	19.107
273.698	40612.551	45763.383	29.927
31119.102	24.623	1.021	14.771
12/13/2016 4:15:00 PM	497700.000	121.486	19.124
273.660	40650.285	45789.047	29.946
31136.555	24.600	1.021	14.771
12/13/2016 4:30:00 PM	498600.000	121.487	19.120
273.662	40644.023	45785.777	29.944
31134.328	24.604	1.021	14.769
12/13/2016 4:45:00 PM	499500.000	121.493	19.118
273.674	40610.969	45750.520	29.918
31110.355	24.624	1.021	14.767
12/13/2016 5:00:00 PM	500400.000	121.511	19.116
273.715	40650.137	45797.391	29.952
31142.227	24.600	1.021	14.766
12/13/2016 5:15:00 PM	501300.000	121.529	19.118
273.756	40660.063	45806.430	29.959
31148.375	24.594	1.021	14.767
12/13/2016 5:30:00 PM	502200.000	121.567	19.125
273.842	40648.672	45786.027	29.944
31134.498	24.601	1.021	14.761
12/13/2016 5:45:00 PM	503100.000	121.570	19.128
273.849	40677.340	45816.176	29.966
31155.000	24.584	1.021	14.774
12/13/2016 6:00:00 PM	504000.000	121.631	19.130
273.987	40633.445	45764.750	29.929
31120.033	24.610	1.021	14.771
12/13/2016 6:15:00 PM	504900.000	121.661	19.110
274.054	40610.418	45758.324	29.923
31115.662	24.624	1.021	14.772
12/13/2016 6:30:00 PM	505800.000	121.710	19.112
274.164	40616.313	45762.379	29.926
31118.420	24.621	1.021	14.775
12/13/2016 6:45:00 PM	506700.000	121.769	19.113
274.296	40617.516	45762.871	29.927
31118.754	24.620	1.021	14.774
12/13/2016 7:00:00 PM	507600.000	121.825	19.108
274.422	40604.816	45753.551	29.920
31112.416	24.628	1.021	14.774
12/13/2016 7:15:00 PM	508500.000	121.872	19.120
274.530	40669.266	45814.383	29.965
31153.781	24.589	1.021	14.775
12/13/2016 7:30:00 PM	509400.000	121.942	19.135
274.687	40658.805	45788.418	29.946
31136.125	24.595	1.021	14.768
12/13/2016 7:45:00 PM	510300.000	121.997	19.138
274.810	40658.793	45784.633	29.944
31133.553	24.595	1.021	14.773
12/13/2016 8:00:00 PM	511200.000	122.042	19.121
274.912	40676.434	45821.766	29.970
31158.803	24.584	1.021	14.777

12/13/2016 8:15:00 PM	512100.000	122.096	19.118
275.034	40645.672	45790.301	29.947
31137.406	24.603	1.021	14.777
12/13/2016 8:30:00 PM	513000.000	122.155	19.131
275.166	40637.973	45768.996	29.932
31122.920	24.608	1.021	14.777
12/13/2016 8:45:00 PM	513900.000	122.216	19.128
275.304	40628.820	45760.746	29.926
31117.309	24.613	1.021	14.776
12/13/2016 9:00:00 PM	514800.000	122.267	19.123
275.419	40649.965	45789.898	29.947
31137.133	24.600	1.021	14.781
12/13/2016 9:15:00 PM	515700.000	122.309	19.129
275.514	40647.137	45781.293	29.941
31131.281	24.602	1.021	14.776
12/13/2016 9:30:00 PM	516600.000	122.341	19.120
275.585	40652.164	45795.117	29.951
31140.680	24.599	1.021	14.777
12/13/2016 9:45:00 PM	517500.000	122.381	19.119
275.674	40633.008	45774.484	29.936
31126.652	24.611	1.021	14.779
12/13/2016 10:00:00 PM	518400.000	122.406	19.129
275.732	40640.715	45773.977	29.936
31126.307	24.606	1.021	14.780
12/13/2016 10:15:00 PM	519300.000	122.421	19.124
275.764	40627.422	45763.813	29.928
31119.395	24.614	1.021	14.793
12/13/2016 10:30:00 PM	520200.000	122.436	19.127
275.798	40641.074	45776.188	29.937
31127.809	24.606	1.021	14.786
12/13/2016 10:45:00 PM	521100.000	122.447	19.118
275.823	40654.574	45800.422	29.954
31144.289	24.597	1.021	14.793
12/13/2016 11:00:00 PM	522000.000	122.466	19.121
275.868	40668.793	45813.078	29.964
31152.895	24.589	1.021	14.785
12/13/2016 11:15:00 PM	522900.000	122.473	19.122
275.882	40641.836	45782.199	29.941
31131.898	24.605	1.021	14.777
12/13/2016 11:30:00 PM	523800.000	122.456	19.124
275.843	40651.383	45790.715	29.948
31137.688	24.599	1.021	14.785
12/13/2016 11:45:00 PM	524700.000	122.440	19.122
275.808	40647.305	45787.668	29.945
31135.617	24.602	1.021	14.778
12/14/2016 12:00:00 AM	525600.000	122.433	19.118
275.792	40628.609	45770.816	29.933
31124.156	24.613	1.021	14.787
12/14/2016 12:15:00 AM	526500.000	122.407	19.118
275.733	40624.824	45766.469	29.930
31121.201	24.615	1.021	14.782
12/14/2016 12:30:00 AM	527400.000	122.382	19.120
275.676	40634.375	45775.160	29.936
31127.111	24.610	1.021	14.784
12/14/2016 12:45:00 AM	528300.000	122.371	19.122
275.653	40636.160	45775.207	29.936

31127.143	24.609	1.021	14.783
12/14/2016 1:00:00 AM	529200.000	122.344	19.124
275.593	40600.813	45733.586	29.906
31098.838	24.630	1.021	14.776
12/14/2016 1:15:00 AM	530100.000	122.319	19.129
275.536	40661.074	45796.301	29.952
31141.484	24.594	1.021	14.767
12/14/2016 1:30:00 AM	531000.000	122.289	19.136
275.468	40653.609	45780.844	29.941
31130.977	24.598	1.021	14.775
12/14/2016 1:45:00 AM	531900.000	122.270	19.129
275.425	40644.391	45777.766	29.938
31128.881	24.604	1.021	14.770
12/14/2016 2:00:00 AM	532800.000	122.240	19.118
275.357	40682.848	45832.012	29.977
31165.770	24.580	1.021	14.776
12/14/2016 2:15:00 AM	533700.000	122.216	19.118
275.303	40614.629	45755.418	29.922
31113.686	24.622	1.021	14.779
12/14/2016 2:30:00 AM	534600.000	122.195	19.122
275.257	40646.410	45786.754	29.945
31134.994	24.602	1.021	14.779
12/14/2016 2:45:00 AM	535500.000	122.174	19.129
275.209	40660.641	45796.160	29.952
31141.391	24.594	1.021	14.780
12/14/2016 3:00:00 AM	536400.000	122.150	19.132
275.156	40656.516	45788.680	29.946
31136.305	24.596	1.021	14.779
12/14/2016 3:15:00 AM	537300.000	122.155	19.132
275.166	40684.500	45820.285	29.969
31157.797	24.579	1.021	14.779
12/14/2016 3:30:00 AM	538200.000	122.141	19.124
275.135	40656.898	45797.016	29.952
31141.971	24.596	1.021	14.783
12/14/2016 3:45:00 AM	539100.000	122.145	19.127
275.142	40646.395	45782.430	29.942
31132.053	24.602	1.021	14.778
12/14/2016 4:00:00 AM	540000.000	122.149	19.111
275.152	40621.586	45769.441	29.932
31123.223	24.617	1.021	14.767
12/14/2016 4:15:00 AM	540900.000	122.169	19.113
275.197	40638.320	45786.656	29.944
31134.928	24.607	1.021	14.767
12/14/2016 4:30:00 AM	541800.000	122.191	19.127
275.246	40641.965	45776.934	29.938
31128.316	24.605	1.021	14.763
12/14/2016 4:45:00 AM	542700.000	122.199	19.126
275.265	40618.250	45750.906	29.919
31110.619	24.619	1.021	14.755
12/14/2016 5:00:00 AM	543600.000	122.231	19.114
275.337	40662.305	45812.566	29.963
31152.547	24.593	1.021	14.757
12/14/2016 5:15:00 AM	544500.000	122.256	19.116
275.393	40644.430	45790.625	29.947
31137.627	24.604	1.021	14.763
12/14/2016 5:30:00 AM	545400.000	122.303	19.125

275.499	40647.000	45784.672	29.943
31133.580	24.602	1.021	14.758
12/14/2016 5:45:00 AM	546300.000	122.337	19.122
275.576	40677.672	45821.711	29.970
31158.766	24.584	1.021	14.762
12/14/2016 6:00:00 AM	547200.000	122.388	19.122
275.691	40656.703	45798.691	29.953
31143.111	24.596	1.021	14.763
12/14/2016 6:15:00 AM	548100.000	122.430	19.114
275.785	40617.828	45762.199	29.926
31118.295	24.620	1.021	14.760
12/14/2016 6:30:00 AM	549000.000	122.481	19.114
275.901	40601.301	45744.094	29.913
31105.986	24.630	1.021	14.759
12/14/2016 6:45:00 AM	549900.000	122.536	19.122
276.024	40635.406	45774.613	29.936
31126.740	24.609	1.021	14.764
12/14/2016 7:00:00 AM	550800.000	122.578	19.124
276.119	40634.668	45771.977	29.934
31124.947	24.610	1.021	14.765
12/14/2016 7:15:00 AM	551700.000	122.626	19.129
276.228	40655.703	45790.078	29.947
31137.254	24.597	1.021	14.769
12/14/2016 7:30:00 AM	552600.000	122.690	19.123
276.370	40673.539	45816.102	29.966
31154.951	24.586	1.021	14.760
12/14/2016 7:45:00 AM	553500.000	122.740	19.122
276.484	40648.848	45789.578	29.947
31136.916	24.601	1.021	14.759
12/14/2016 8:00:00 AM	554400.000	122.801	19.119
276.621	40619.965	45760.223	29.925
31116.953	24.618	1.021	14.755
12/14/2016 8:15:00 AM	555300.000	122.839	19.121
276.706	40658.914	45801.613	29.955
31145.100	24.595	1.021	14.761
12/14/2016 8:30:00 AM	556200.000	122.872	19.127
276.780	40646.492	45782.453	29.942
31132.070	24.602	1.021	14.764
12/14/2016 8:45:00 AM	557100.000	122.903	19.136
276.850	40689.293	45821.027	29.970
31158.301	24.576	1.021	14.761
12/14/2016 9:00:00 AM	558000.000	122.949	19.126
276.954	40642.516	45778.402	29.939
31129.316	24.605	1.021	14.757
12/14/2016 9:15:00 AM	558900.000	122.938	19.127
276.930	40650.719	45786.613	29.945
31134.896	24.600	1.021	14.777
12/14/2016 9:30:00 AM	559800.000	122.968	19.126
276.998	40634.730	45770.238	29.933
31123.764	24.609	1.021	14.773
12/14/2016 9:45:00 AM	560700.000	122.980	19.134
277.025	40684.500	45818.051	29.968
31156.277	24.579	1.021	14.775
12/14/2016 10:00:00 AM	561600.000	122.987	19.118
277.040	40654.742	45799.918	29.954
31143.947	24.597	1.021	14.770

12/14/2016 10:15:00 AM	562500.000	122.970	19.131
277.002	40701.242	45839.395	29.983
31170.789	24.569	1.021	14.773
12/14/2016 10:30:00 AM	563400.000	122.957	19.136
276.972	40653.082	45780.855	29.941
31130.982	24.598	1.021	14.769
12/14/2016 10:45:00 AM	564300.000	122.924	19.141
276.898	40680.160	45806.195	29.960
31148.215	24.582	1.021	14.774
12/14/2016 11:00:00 AM	565200.000	122.910	19.148
276.868	40678.758	45797.996	29.954
31142.637	24.583	1.021	14.769
12/14/2016 11:15:00 AM	566100.000	122.870	19.138
276.777	40647.129	45772.434	29.935
31125.258	24.602	1.021	14.768
12/14/2016 11:30:00 AM	567000.000	122.837	19.141
276.702	40671.746	45796.805	29.953
31141.830	24.587	1.021	14.768
12/14/2016 11:45:00 AM	567900.000	122.759	19.126
276.528	40652.652	45790.176	29.947
31137.322	24.599	1.021	14.766
12/14/2016 12:00:00 PM	568800.000	122.711	19.127
276.418	40633.043	45766.441	29.930
31121.182	24.611	1.021	14.756
12/14/2016 12:15:00 PM	569700.000	122.645	19.130
276.271	40638.680	45769.887	29.933
31123.525	24.607	1.021	14.757
12/14/2016 12:30:00 PM	570600.000	122.591	19.121
276.148	40624.262	45762.996	29.927
31118.840	24.616	1.021	14.749
12/14/2016 12:45:00 PM	571500.000	122.514	19.131
275.976	40636.133	45766.234	29.930
31121.041	24.609	1.021	14.750
12/14/2016 1:00:00 PM	572400.000	122.425	19.129
275.774	40678.328	45815.824	29.966
31154.762	24.583	1.021	14.750
12/14/2016 1:15:00 PM	573300.000	122.344	19.128
275.592	40638.699	45772.730	29.935
31125.457	24.607	1.021	14.751
12/14/2016 1:30:00 PM	574200.000	122.279	19.129
275.444	40632.316	45764.164	29.928
31119.635	24.611	1.021	14.750
12/14/2016 1:45:00 PM	575100.000	122.192	19.121
275.249	40618.520	45756.109	29.922
31114.156	24.619	1.021	14.747
12/14/2016 2:00:00 PM	576000.000	122.133	19.129
275.117	40654.074	45788.934	29.947
31136.477	24.598	1.021	14.742
12/14/2016 2:15:00 PM	576900.000	122.058	19.126
274.947	40668.133	45807.090	29.960
31148.824	24.589	1.021	14.743
12/14/2016 2:30:00 PM	577800.000	121.963	19.133
274.734	40625.895	45752.977	29.921
31112.023	24.615	1.021	14.747
12/14/2016 2:45:00 PM	578700.000	121.908	19.113
274.610	40619.629	45765.168	29.929

31120.316	24.619	1.021	14.740
12/14/2016 3:00:00 PM	579600.000	121.821	19.118
274.414	40626.234	45768.141	29.931
31122.338	24.615	1.021	14.747
12/14/2016 3:15:00 PM	580500.000	121.798	19.127
274.362	40652.492	45788.348	29.946
31136.078	24.599	1.021	14.736
12/14/2016 3:30:00 PM	581400.000	121.718	19.126
274.181	40624.395	45757.738	29.924
31115.264	24.616	1.021	14.742
12/14/2016 3:45:00 PM	582300.000	121.674	19.128
274.083	40674.191	45812.195	29.963
31152.295	24.586	1.021	14.736
12/14/2016 4:00:00 PM	583200.000	121.642	19.133
274.010	40646.004	45775.293	29.937
31127.201	24.603	1.021	14.731
12/14/2016 4:15:00 PM	584100.000	121.583	19.131
273.877	40665.605	45799.520	29.954
31143.676	24.591	1.021	14.744
12/14/2016 4:30:00 PM	585000.000	121.569	19.133
273.845	40638.473	45766.984	29.931
31121.549	24.607	1.021	14.739
12/14/2016 4:45:00 PM	585900.000	121.543	19.128
273.788	40613.457	45743.789	29.914
31105.779	24.622	1.021	14.736
12/14/2016 5:00:00 PM	586800.000	121.548	19.128
273.798	40678.340	45816.520	29.967
31155.234	24.583	1.021	14.738
12/14/2016 5:15:00 PM	587700.000	121.531	19.124
273.759	40642.371	45780.480	29.940
31130.729	24.605	1.021	14.740
12/14/2016 5:30:00 PM	588600.000	121.532	19.124
273.762	40606.262	45739.891	29.911
31103.127	24.627	1.021	14.740
12/14/2016 5:45:00 PM	589500.000	121.538	19.114
273.775	40634.855	45781.551	29.940
31131.457	24.609	1.021	14.738
12/14/2016 6:00:00 PM	590400.000	121.562	19.112
273.830	40649.504	45800.559	29.954
31144.383	24.601	1.021	14.741
12/14/2016 6:15:00 PM	591300.000	121.580	19.124
273.870	40606.969	45740.340	29.911
31103.434	24.626	1.021	14.739
12/14/2016 6:30:00 PM	592200.000	121.617	19.132
273.954	40652.773	45784.109	29.943
31133.195	24.599	1.021	14.737
12/14/2016 6:45:00 PM	593100.000	121.647	19.124
274.021	40648.352	45787.301	29.945
31135.367	24.601	1.021	14.737
12/14/2016 7:00:00 PM	594000.000	121.699	19.111
274.139	40661.059	45813.914	29.964
31153.463	24.594	1.021	14.736
12/14/2016 7:15:00 PM	594900.000	121.747	19.116
274.247	40629.730	45774.148	29.935
31126.424	24.613	1.021	14.742
12/14/2016 7:30:00 PM	595800.000	121.802	19.127

274.372	40644.418	45780.117	29.940
31130.482	24.604	1.021	14.732
12/14/2016 7:45:00 PM	596700.000	121.872	19.121
274.528	40661.977	45805.574	29.958
31147.793	24.593	1.021	14.733
12/14/2016 8:00:00 PM	597600.000	121.910	19.128
274.615	40643.910	45777.742	29.938
31128.865	24.604	1.021	14.730
12/14/2016 8:15:00 PM	598500.000	121.966	19.118
274.740	40654.770	45800.641	29.955
31144.438	24.597	1.021	14.730
12/14/2016 8:30:00 PM	599400.000	122.043	19.113
274.914	40654.742	45805.074	29.958
31147.453	24.597	1.021	14.735
12/14/2016 8:45:00 PM	600300.000	122.105	19.109
275.054	40635.535	45787.398	29.944
31135.434	24.609	1.021	14.736
12/14/2016 9:00:00 PM	601200.000	122.149	19.116
275.153	40642.664	45788.371	29.946
31136.094	24.605	1.021	14.746
12/14/2016 9:15:00 PM	602100.000	122.206	19.117
275.282	40627.145	45769.949	29.932
31123.568	24.614	1.021	14.743
12/14/2016 9:30:00 PM	603000.000	122.262	19.117
275.408	40642.637	45787.305	29.945
31135.369	24.605	1.021	14.743
12/14/2016 9:45:00 PM	603900.000	122.327	19.118
275.554	40657.879	45804.227	29.957
31146.877	24.595	1.021	14.743
12/14/2016 10:00:00 PM	604800.000	122.370	19.114
275.650	40650.234	45798.711	29.953
31143.123	24.600	1.021	14.744
12/14/2016 10:15:00 PM	605700.000	122.412	19.122
275.744	40654.840	45796.246	29.952
31141.449	24.597	1.021	14.744
12/14/2016 10:30:00 PM	606600.000	122.445	19.123
275.820	40660.988	45802.316	29.956
31145.578	24.594	1.021	14.738
12/14/2016 10:45:00 PM	607500.000	122.467	19.126
275.870	40645.961	45782.375	29.942
31132.018	24.603	1.021	14.745
12/14/2016 11:00:00 PM	608400.000	122.492	19.131
275.925	40620.672	45749.000	29.918
31109.322	24.618	1.021	14.742
12/14/2016 11:15:00 PM	609300.000	122.523	19.137
275.994	40694.859	45826.695	29.974
31162.152	24.573	1.021	14.742
12/14/2016 11:30:00 PM	610200.000	122.541	19.132
276.035	40667.047	45800.020	29.955
31144.014	24.590	1.021	14.741
12/14/2016 11:45:00 PM	611100.000	122.542	19.127
276.039	40657.656	45794.773	29.951
31140.447	24.596	1.021	14.744

Report Date: 12/19/2016 10:28:38 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-1M Pre Test_2016-12-15_10-47-12-086-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:
Date and Time Note
---------------------- --
11/10/2016 8:52:23 AM Used Battery: 2% Used Memory: 3% User Name: SKuiper
11/10/2016 11:02:58 AM Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/10/2016 10:00:00 AM Stop Time: 11/10/2016 11:45:00 AM
11/17/2016 8:37:45 AM Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 9:30:00 AM
11/24/2016 4:02:42 PM Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 12:18:15 PM Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 AM Stop Time: 12/1/2016 1:15:00 PM
12/8/2016 12:36:36 PM Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:45:51 AM Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM
12/19/2016 10:15:32 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 723
Sensors: 2
1 - 469248: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: Baro-Adj Calc
SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 SN#: 469248 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 (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	67.881	15.384	152.908	41599.566	50959.398	33.501	34.652	24.039	1.025	14.776
12/8/2016 12:15:00 AM	8100.000	67.873	15.384	152.890	41575.391	50928.852	33.479	34.632	24.053	1.025	14.783
12/8/2016 12:30:00 AM	9000.000	67.872	15.385								

152.887	41585.691	50941.359	33.488
34.640	24.047	1.025	14.783
12/8/2016 12:45:00 AM	9900.000	67.880	15.384
152.907	41536.258	50881.223	33.444
34.599	24.075	1.025	14.771
12/8/2016 1:00:00 AM	10800.000	67.875	15.386
152.896	41600.586	50957.930	33.500
34.651	24.038	1.025	14.774
12/8/2016 1:15:00 AM	11700.000	67.881	15.386
152.908	41535.438	50878.125	33.442
34.597	24.076	1.025	14.774
12/8/2016 1:30:00 AM	12600.000	67.879	15.387
152.905	41600.609	50956.684	33.499
34.651	24.038	1.025	14.771
12/8/2016 1:45:00 AM	13500.000	67.885	15.388
152.918	41645.008	51010.223	33.539
34.687	24.012	1.025	14.769
12/8/2016 2:00:00 AM	14400.000	67.897	15.387
152.945	41625.703	50986.895	33.521
34.671	24.024	1.025	14.768
12/8/2016 2:15:00 AM	15300.000	67.901	15.388
152.953	41582.836	50933.441	33.482
34.635	24.048	1.025	14.766
12/8/2016 2:30:00 AM	16200.000	67.899	15.389
152.949	41633.449	50994.379	33.527
34.676	24.019	1.025	14.772
12/8/2016 2:45:00 AM	17100.000	67.904	15.389
152.960	41689.707	51063.188	33.578
34.723	23.987	1.025	14.770
12/8/2016 3:00:00 AM	18000.000	67.914	15.389
152.983	41633.273	50994.066	33.527
34.676	24.019	1.025	14.765
12/8/2016 3:15:00 AM	18900.000	67.916	15.389
152.987	41576.328	50924.000	33.475
34.628	24.052	1.025	14.765
12/8/2016 3:30:00 AM	19800.000	67.930	15.388
153.020	41627.121	50987.375	33.522
34.671	24.023	1.025	14.761
12/8/2016 3:45:00 AM	20700.000	67.941	15.389
153.044	41512.379	50845.762	33.418
34.575	24.089	1.025	14.757
12/8/2016 4:00:00 AM	21600.000	67.938	15.388
153.036	41633.242	50995.074	33.528
34.677	24.019	1.025	14.767
12/8/2016 4:15:00 AM	22500.000	67.949	15.390
153.061	41514.516	50847.555	33.419
34.576	24.088	1.025	14.760
12/8/2016 4:30:00 AM	23400.000	67.953	15.389
153.071	41628.102	50988.148	33.523
34.672	24.022	1.025	14.760
12/8/2016 4:45:00 AM	24300.000	67.958	15.390
153.082	41639.234	50999.992	33.531
34.680	24.016	1.025	14.763
12/8/2016 5:00:00 AM	25200.000	67.945	15.390
153.054	41639.109	51000.156	33.531
34.680	24.016	1.025	14.762

12/8/2016 5:15:00 AM	26100.000	67.976	15.390
153.123	41622.645	50980.508	33.517
34.667	24.025	1.025	14.757
12/8/2016 5:30:00 AM	27000.000	67.972	15.390
153.113	41632.031	50991.691	33.525
34.674	24.020	1.025	14.769
12/8/2016 5:45:00 AM	27900.000	67.976	15.389
153.123	41540.031	50880.059	33.443
34.598	24.073	1.025	14.770
12/8/2016 6:00:00 AM	28800.000	67.980	15.388
153.131	41633.141	50994.852	33.527
34.677	24.019	1.025	14.770
12/8/2016 6:15:00 AM	29700.000	67.991	15.388
153.156	41694.781	51070.453	33.583
34.728	23.984	1.025	14.766
12/8/2016 6:30:00 AM	30600.000	67.992	15.389
153.159	41660.551	51028.203	33.552
34.699	24.004	1.025	14.779
12/8/2016 6:45:00 AM	31500.000	68.010	15.388
153.198	41661.730	51030.707	33.554
34.701	24.003	1.025	14.770
12/8/2016 7:00:00 AM	32400.000	68.004	15.387
153.186	41623.098	50983.922	33.519
34.669	24.025	1.025	14.778
12/8/2016 7:15:00 AM	33300.000	68.007	15.388
153.193	41551.211	50895.441	33.454
34.609	24.067	1.025	14.782
12/8/2016 7:30:00 AM	34200.000	68.012	15.386
153.203	41640.688	51006.516	33.536
34.684	24.015	1.025	14.773
12/8/2016 7:45:00 AM	35100.000	68.009	15.387
153.197	41578.355	50929.953	33.480
34.632	24.051	1.025	14.779
12/8/2016 8:00:00 AM	36000.000	68.009	15.385
153.196	41646.102	51014.422	33.542
34.690	24.012	1.025	14.783
12/8/2016 8:15:00 AM	36900.000	68.013	15.386
153.205	41697.105	51076.359	33.587
34.732	23.982	1.025	14.782
12/8/2016 8:30:00 AM	37800.000	68.011	15.386
153.202	41616.281	50977.047	33.514
34.664	24.029	1.025	14.787
12/8/2016 8:45:00 AM	38700.000	68.011	15.385
153.201	41553.539	50901.137	33.458
34.613	24.065	1.025	14.793
12/8/2016 9:00:00 AM	39600.000	68.010	15.386
153.198	41646.238	51014.051	33.541
34.690	24.012	1.025	14.795
12/8/2016 9:15:00 AM	40500.000	68.004	15.384
153.186	41587.711	50944.367	33.490
34.642	24.046	1.025	14.797
12/8/2016 9:30:00 AM	41400.000	68.013	15.385
153.206	41562.250	50912.125	33.466
34.620	24.060	1.025	14.798
12/8/2016 9:45:00 AM	42300.000	67.993	15.384
153.162	41679.395	51056.254	33.572

34.718	23.993	1.025	14.809
12/8/2016 10:00:00 AM	43200.000	67.986	15.384
153.146	41622.043	50986.426	33.521
34.671	24.026	1.025	14.814
12/8/2016 10:15:00 AM	44100.000	67.989	15.384
153.152	41537.648	50883.449	33.445
34.601	24.075	1.025	14.809
12/8/2016 10:30:00 AM	45000.000	67.985	15.384
153.144	41624.039	50989.379	33.523
34.673	24.025	1.025	14.803
12/8/2016 10:45:00 AM	45900.000	67.976	15.384
153.124	41681.410	51059.348	33.574
34.720	23.992	1.025	14.808
12/8/2016 11:00:00 AM	46800.000	67.964	15.384
153.094	41622.230	50987.164	33.521
34.671	24.026	1.025	14.812
12/8/2016 11:15:00 AM	47700.000	67.961	15.385
153.088	41528.457	50870.410	33.436
34.592	24.080	1.025	14.803
12/8/2016 11:30:00 AM	48600.000	67.966	15.385
153.100	41606.203	50966.484	33.506
34.657	24.035	1.025	14.796
12/8/2016 11:45:00 AM	49500.000	67.950	15.385
153.064	41568.914	50920.605	33.473
34.626	24.056	1.025	14.799
12/8/2016 12:00:00 PM	50400.000	67.949	15.385
153.062	41640.383	51007.617	33.537
34.685	24.015	1.025	14.792
12/8/2016 12:15:00 PM	51300.000	67.951	15.385
153.065	41664.504	51036.844	33.558
34.705	24.001	1.025	14.790
12/8/2016 12:30:00 PM	52200.000	67.938	15.386
153.036	41615.395	50976.070	33.513
34.664	24.030	1.025	14.791
12/8/2016 12:45:00 PM	53100.000	67.926	15.387
153.010	41644.242	51010.332	33.539
34.687	24.013	1.025	14.798
12/8/2016 1:00:00 PM	54000.000	67.923	15.386
153.004	41582.953	50936.738	33.485
34.637	24.048	1.025	14.792
12/8/2016 1:15:00 PM	54900.000	67.919	15.385
152.994	41623.508	50986.844	33.521
34.671	24.025	1.025	14.796
12/8/2016 1:30:00 PM	55800.000	67.909	15.386
152.971	41562.340	50911.082	33.466
34.620	24.060	1.025	14.796
12/8/2016 1:45:00 PM	56700.000	67.907	15.387
152.967	41652.102	51019.961	33.546
34.694	24.008	1.025	14.796
12/8/2016 2:00:00 PM	57600.000	67.912	15.387
152.979	41543.234	50886.934	33.448
34.603	24.071	1.025	14.796
12/8/2016 2:15:00 PM	58500.000	67.905	15.387
152.962	41604.563	50961.219	33.503
34.654	24.036	1.025	14.797
12/8/2016 2:30:00 PM	59400.000	67.911	15.388

152.975	41512.695	50848.156	33.420
34.577	24.089	1.025	14.799
12/8/2016 2:45:00 PM	60300.000	67.906	15.388
152.965	41657.359	51024.723	33.549
34.697	24.005	1.025	14.804
12/8/2016 3:00:00 PM	61200.000	67.915	15.389
152.985	41657.605	51024.066	33.549
34.696	24.005	1.025	14.795
12/8/2016 3:15:00 PM	62100.000	67.912	15.389
152.977	41640.449	51003.383	33.534
34.682	24.015	1.025	14.805
12/8/2016 3:30:00 PM	63000.000	67.919	15.388
152.995	41651.832	51017.746	33.544
34.692	24.009	1.025	14.798
12/8/2016 3:45:00 PM	63900.000	67.922	15.388
153.001	41642.438	51006.648	33.536
34.685	24.014	1.025	14.798
12/8/2016 4:00:00 PM	64800.000	67.920	15.389
152.997	41549.820	50892.266	33.452
34.607	24.067	1.025	14.806
12/8/2016 4:15:00 PM	65700.000	67.927	15.388
153.012	41631.762	50993.063	33.526
34.675	24.020	1.025	14.804
12/8/2016 4:30:00 PM	66600.000	67.931	15.388
153.022	41666.039	51035.355	33.557
34.704	24.000	1.025	14.805
12/8/2016 4:45:00 PM	67500.000	67.948	15.389
153.059	41650.309	51014.813	33.542
34.690	24.009	1.025	14.795
12/8/2016 5:00:00 PM	68400.000	67.934	15.388
153.027	41528.711	50867.992	33.434
34.590	24.080	1.025	14.811
12/8/2016 5:15:00 PM	69300.000	67.945	15.389
153.053	41596.609	50949.578	33.494
34.646	24.040	1.025	14.805
12/8/2016 5:30:00 PM	70200.000	67.953	15.389
153.072	41656.137	51021.953	33.547
34.695	24.006	1.025	14.797
12/8/2016 5:45:00 PM	71100.000	67.942	15.388
153.046	41605.270	50961.121	33.503
34.654	24.035	1.025	14.808
12/8/2016 6:00:00 PM	72000.000	67.951	15.388
153.065	41644.234	51009.074	33.538
34.686	24.013	1.025	14.808
12/8/2016 6:15:00 PM	72900.000	67.950	15.388
153.063	41605.234	50961.188	33.503
34.654	24.035	1.025	14.807
12/8/2016 6:30:00 PM	73800.000	67.945	15.388
153.052	41579.082	50928.844	33.479
34.632	24.051	1.025	14.815
12/8/2016 6:45:00 PM	74700.000	67.948	15.388
153.059	41641.793	51005.656	33.535
34.684	24.014	1.025	14.811
12/8/2016 7:00:00 PM	75600.000	67.947	15.387
153.058	41562.391	50910.180	33.465
34.619	24.060	1.025	14.812

12/8/2016 7:15:00 PM	76500.000	67.948	15.387
153.059	41607.332	50964.711	33.505
34.656	24.034	1.025	14.810
12/8/2016 7:30:00 PM	77400.000	67.945	15.387
153.052	41570.629	50919.652	33.472
34.625	24.055	1.025	14.815
12/8/2016 7:45:00 PM	78300.000	67.935	15.388
153.030	41610.090	50967.352	33.507
34.658	24.033	1.025	14.818
12/8/2016 8:00:00 PM	79200.000	67.934	15.387
153.027	41547.000	50890.492	33.451
34.606	24.069	1.025	14.818
12/8/2016 8:15:00 PM	80100.000	67.919	15.387
152.994	41643.086	51008.816	33.538
34.686	24.014	1.025	14.827
12/8/2016 8:30:00 PM	81000.000	67.915	15.387
152.986	41621.867	50982.516	33.518
34.668	24.026	1.025	14.826
12/8/2016 8:45:00 PM	81900.000	67.914	15.387
152.983	41666.809	51037.664	33.559
34.706	24.000	1.025	14.826
12/8/2016 9:00:00 PM	82800.000	67.899	15.388
152.949	41654.105	51020.531	33.546
34.694	24.007	1.025	14.829
12/8/2016 9:15:00 PM	83700.000	67.888	15.388
152.923	41640.707	51004.117	33.534
34.683	24.015	1.025	14.828
12/8/2016 9:30:00 PM	84600.000	67.884	15.388
152.915	41555.336	50899.652	33.458
34.612	24.064	1.025	14.825
12/8/2016 9:45:00 PM	85500.000	67.864	15.388
152.870	41603.734	50958.934	33.501
34.652	24.036	1.025	14.838
12/8/2016 10:00:00 PM	86400.000	67.865	15.389
152.872	41685.176	51057.641	33.574
34.719	23.989	1.025	14.830
12/8/2016 10:15:00 PM	87300.000	67.846	15.389
152.831	41654.832	51020.355	33.546
34.694	24.007	1.025	14.838
12/8/2016 10:30:00 PM	88200.000	67.840	15.389
152.816	41546.059	50887.969	33.449
34.604	24.070	1.025	14.840
12/8/2016 10:45:00 PM	89100.000	67.818	15.390
152.767	41581.035	50928.918	33.479
34.632	24.049	1.025	14.835
12/8/2016 11:00:00 PM	90000.000	67.833	15.390
152.800	41518.980	50852.910	33.423
34.580	24.085	1.025	14.836
12/8/2016 11:15:00 PM	90900.000	67.824	15.391
152.781	41617.125	50972.594	33.511
34.661	24.029	1.025	14.841
12/8/2016 11:30:00 PM	91800.000	67.818	15.391
152.766	41664.703	51029.918	33.553
34.700	24.001	1.025	14.837
12/8/2016 11:45:00 PM	92700.000	67.814	15.392
152.758	41633.891	50991.547	33.525

34.674	24.019	1.025	14.836
12/9/2016 12:00:00 AM	93600.000	67.812	15.392
152.754	41519.543	50851.297	33.422
34.579	24.085	1.025	14.835
12/9/2016 12:15:00 AM	94500.000	67.802	15.392
152.730	41622.809	50977.336	33.515
34.665	24.025	1.025	14.840
12/9/2016 12:30:00 AM	95400.000	67.808	15.393
152.744	41568.992	50910.488	33.466
34.619	24.056	1.025	14.831
12/9/2016 12:45:00 AM	96300.000	67.801	15.394
152.727	41606.113	50955.414	33.499
34.650	24.035	1.025	14.836
12/9/2016 1:00:00 AM	97200.000	67.805	15.395
152.737	41585.152	50928.391	33.479
34.631	24.047	1.025	14.838
12/9/2016 1:15:00 AM	98100.000	67.795	15.394
152.714	41647.078	51005.168	33.535
34.684	24.011	1.025	14.839
12/9/2016 1:30:00 AM	99000.000	67.802	15.396
152.731	41621.848	50972.367	33.511
34.661	24.026	1.025	14.839
12/9/2016 1:45:00 AM	99900.000	67.809	15.395
152.747	41689.445	51056.324	33.573
34.718	23.987	1.025	14.842
12/9/2016 2:00:00 AM	100800.000	67.824	15.396
152.781	41559.828	50896.211	33.456
34.609	24.062	1.025	14.843
12/9/2016 2:15:00 AM	101700.000	67.832	15.395
152.799	41610.637	50959.273	33.502
34.652	24.032	1.025	14.839
12/9/2016 2:30:00 AM	102600.000	67.838	15.395
152.812	41545.043	50878.941	33.443
34.598	24.070	1.025	14.837
12/9/2016 2:45:00 AM	103500.000	67.849	15.396
152.835	41611.563	50958.934	33.502
34.652	24.032	1.025	14.837
12/9/2016 3:00:00 AM	104400.000	67.860	15.396
152.861	41668.172	51028.258	33.553
34.699	23.999	1.025	14.833
12/9/2016 3:15:00 AM	105300.000	67.872	15.396
152.888	41635.883	50989.461	33.524
34.673	24.018	1.025	14.828
12/9/2016 3:30:00 AM	106200.000	67.876	15.396
152.897	41548.945	50882.250	33.445
34.600	24.068	1.025	14.834
12/9/2016 3:45:00 AM	107100.000	67.888	15.396
152.925	41633.703	50986.793	33.522
34.671	24.019	1.025	14.832
12/9/2016 4:00:00 AM	108000.000	67.897	15.397
152.946	41555.980	50890.031	33.451
34.605	24.064	1.025	14.830
12/9/2016 4:15:00 AM	108900.000	67.897	15.396
152.944	41615.406	50964.168	33.505
34.656	24.030	1.025	14.836
12/9/2016 4:30:00 AM	109800.000	67.915	15.396

152.984	41704.457	51073.441	33.586
34.730	23.978	1.025	14.832
12/9/2016 4:45:00 AM	110700.000	67.921	15.395
152.999	41610.473	50958.863	33.502
34.652	24.032	1.025	14.837
12/9/2016 5:00:00 AM	111600.000	67.936	15.395
153.031	41710.820	51082.172	33.592
34.736	23.975	1.025	14.832
12/9/2016 5:15:00 AM	112500.000	67.947	15.395
153.058	41602.270	50949.563	33.495
34.646	24.037	1.025	14.833
12/9/2016 5:30:00 AM	113400.000	67.954	15.395
153.073	41642.172	50998.219	33.530
34.679	24.014	1.025	14.834
12/9/2016 5:45:00 AM	114300.000	67.964	15.393
153.096	41619.125	50972.207	33.511
34.661	24.027	1.025	14.840
12/9/2016 6:00:00 AM	115200.000	67.973	15.393
153.117	41566.613	50907.574	33.464
34.617	24.058	1.025	14.841
12/9/2016 6:15:00 AM	116100.000	67.979	15.392
153.129	41619.754	50974.129	33.512
34.662	24.027	1.025	14.844
12/9/2016 6:30:00 AM	117000.000	67.982	15.393
153.136	41671.844	51036.773	33.559
34.705	23.997	1.025	14.848
12/9/2016 6:45:00 AM	117900.000	67.993	15.392
153.161	41617.242	50971.156	33.510
34.660	24.029	1.025	14.845
12/9/2016 7:00:00 AM	118800.000	68.014	15.391
153.208	41626.707	50984.117	33.520
34.669	24.023	1.025	14.840
12/9/2016 7:15:00 AM	119700.000	68.016	15.390
153.212	41592.375	50942.805	33.489
34.641	24.043	1.025	14.838
12/9/2016 7:30:00 AM	120600.000	68.017	15.390
153.214	41530.602	50867.457	33.434
34.590	24.079	1.025	14.843
12/9/2016 7:45:00 AM	121500.000	67.999	15.389
153.175	41590.816	50942.262	33.489
34.641	24.044	1.025	14.850
12/9/2016 8:00:00 AM	122400.000	68.017	15.388
153.215	41595.824	50949.145	33.494
34.645	24.041	1.025	14.853
12/9/2016 8:15:00 AM	123300.000	68.019	15.388
153.219	41581.977	50932.488	33.482
34.634	24.049	1.025	14.860
12/9/2016 8:30:00 AM	124200.000	68.028	15.388
153.241	41532.547	50871.637	33.437
34.593	24.078	1.025	14.850
12/9/2016 8:45:00 AM	125100.000	68.031	15.386
153.247	41597.348	50953.426	33.497
34.648	24.040	1.025	14.852
12/9/2016 9:00:00 AM	126000.000	68.030	15.386
153.245	41614.660	50974.746	33.512
34.663	24.030	1.025	14.859

12/9/2016 9:15:00 AM	126900.000	68.031	15.386
153.246	41626.234	50989.121	33.523
34.673	24.023	1.025	14.860
12/9/2016 9:30:00 AM	127800.000	68.027	15.385
153.238	41556.363	50904.594	33.461
34.615	24.064	1.025	14.862
12/9/2016 9:45:00 AM	128700.000	68.024	15.385
153.231	41634.488	51000.816	33.532
34.681	24.019	1.025	14.861
12/9/2016 10:00:00 AM	129600.000	68.023	15.385
153.228	41625.797	50990.379	33.524
34.673	24.024	1.025	14.861
12/9/2016 10:15:00 AM	130500.000	68.016	15.383
153.212	41621.887	50987.051	33.521
34.671	24.026	1.025	14.865
12/9/2016 10:30:00 AM	131400.000	68.008	15.384
153.196	41548.137	50895.465	33.454
34.609	24.068	1.025	14.866
12/9/2016 10:45:00 AM	132300.000	67.992	15.383
153.158	41571.914	50925.754	33.476
34.630	24.055	1.025	14.871
12/9/2016 11:00:00 AM	133200.000	67.988	15.385
153.149	41558.352	50907.133	33.463
34.617	24.063	1.025	14.868
12/9/2016 11:15:00 AM	134100.000	67.975	15.385
153.120	41614.484	50976.313	33.514
34.664	24.030	1.025	14.862
12/9/2016 11:30:00 AM	135000.000	67.965	15.384
153.097	41539.203	50884.832	33.446
34.602	24.074	1.025	14.865
12/9/2016 11:45:00 AM	135900.000	67.962	15.385
153.092	41618.684	50981.664	33.517
34.668	24.028	1.025	14.853
12/9/2016 12:00:00 PM	136800.000	67.952	15.384
153.068	41671.066	51046.363	33.565
34.712	23.997	1.025	14.845
12/9/2016 12:15:00 PM	137700.000	67.941	15.385
153.043	41587.344	50942.547	33.489
34.641	24.046	1.025	14.843
12/9/2016 12:30:00 PM	138600.000	67.932	15.386
153.024	41683.656	51059.262	33.575
34.720	23.990	1.025	14.837
12/9/2016 12:45:00 PM	139500.000	67.933	15.385
153.025	41624.133	50987.508	33.522
34.672	24.025	1.025	14.830
12/9/2016 1:00:00 PM	140400.000	67.915	15.385
152.985	41613.723	50975.070	33.513
34.663	24.031	1.025	14.832
12/9/2016 1:15:00 PM	141300.000	67.895	15.386
152.939	41616.418	50976.680	33.514
34.664	24.029	1.025	14.826
12/9/2016 1:30:00 PM	142200.000	67.907	15.387
152.966	41641.852	51006.773	33.536
34.685	24.014	1.025	14.822
12/9/2016 1:45:00 PM	143100.000	67.885	15.387
152.918	41590.410	50944.621	33.490

34.642	24.044	1.025	14.836
12/9/2016 2:00:00 PM	144000.000	67.891	15.387
152.931	41674.637	51046.934	33.566
34.712	23.995	1.025	14.826
12/9/2016 2:15:00 PM	144900.000	67.885	15.387
152.918	41582.563	50934.781	33.483
34.636	24.049	1.025	14.826
12/9/2016 2:30:00 PM	145800.000	67.887	15.388
152.922	41558.133	50903.387	33.460
34.614	24.063	1.025	14.817
12/9/2016 2:45:00 PM	146700.000	67.874	15.389
152.892	41583.816	50933.801	33.483
34.635	24.048	1.025	14.823
12/9/2016 3:00:00 PM	147600.000	67.870	15.388
152.884	41587.242	50939.148	33.486
34.639	24.046	1.025	14.825
12/9/2016 3:15:00 PM	148500.000	67.877	15.390
152.900	41657.070	51021.738	33.547
34.695	24.006	1.025	14.823
12/9/2016 3:30:00 PM	149400.000	67.878	15.390
152.903	41669.887	51037.957	33.559
34.706	23.998	1.025	14.822
12/9/2016 3:45:00 PM	150300.000	67.871	15.390
152.885	41626.844	50984.914	33.520
34.670	24.023	1.025	14.827
12/9/2016 4:00:00 PM	151200.000	67.873	15.390
152.892	41547.676	50888.270	33.449
34.604	24.069	1.025	14.822
12/9/2016 4:15:00 PM	152100.000	67.886	15.390
152.920	41627.531	50985.758	33.521
34.670	24.023	1.025	14.816
12/9/2016 4:30:00 PM	153000.000	67.884	15.391
152.915	41594.453	50944.309	33.491
34.642	24.042	1.025	14.817
12/9/2016 4:45:00 PM	153900.000	67.885	15.390
152.919	41660.043	51025.379	33.550
34.697	24.004	1.025	14.819
12/9/2016 5:00:00 PM	154800.000	67.888	15.392
152.924	41671.266	51037.324	33.559
34.705	23.997	1.025	14.814
12/9/2016 5:15:00 PM	155700.000	67.892	15.391
152.934	41654.918	51018.246	33.545
34.692	24.007	1.025	14.815
12/9/2016 5:30:00 PM	156600.000	67.885	15.392
152.917	41607.465	50959.078	33.501
34.652	24.034	1.025	14.822
12/9/2016 5:45:00 PM	157500.000	67.898	15.393
152.946	41616.117	50968.832	33.509
34.659	24.029	1.025	14.815
12/9/2016 6:00:00 PM	158400.000	67.906	15.391
152.966	41541.340	50879.039	33.443
34.598	24.072	1.025	14.815
12/9/2016 6:15:00 PM	159300.000	67.904	15.390
152.961	41641.465	51002.625	33.533
34.682	24.015	1.025	14.818
12/9/2016 6:30:00 PM	160200.000	67.905	15.392

152.962	41560.875	50902.328	33.460
34.614	24.061	1.025	14.820
12/9/2016 6:45:00 PM	161100.000	67.911	15.392
152.977	41614.102	50967.734	33.508
34.658	24.030	1.025	14.819
12/9/2016 7:00:00 PM	162000.000	67.904	15.391
152.961	41641.449	51001.871	33.533
34.681	24.015	1.025	14.825
12/9/2016 7:15:00 PM	162900.000	67.916	15.391
152.988	41678.617	51047.910	33.567
34.713	23.993	1.025	14.818
12/9/2016 7:30:00 PM	163800.000	67.914	15.391
152.983	41682.496	51052.449	33.570
34.716	23.991	1.025	14.824
12/9/2016 7:45:00 PM	164700.000	67.915	15.391
152.986	41604.234	50956.707	33.500
34.651	24.036	1.025	14.826
12/9/2016 8:00:00 PM	165600.000	67.924	15.390
153.005	41550.258	50891.531	33.452
34.606	24.067	1.025	14.811
12/9/2016 8:15:00 PM	166500.000	67.921	15.389
153.000	41610.281	50965.586	33.506
34.657	24.033	1.025	14.811
12/9/2016 8:30:00 PM	167400.000	67.922	15.392
153.000	41673.863	51041.031	33.562
34.708	23.996	1.025	14.811
12/9/2016 8:45:00 PM	168300.000	67.909	15.391
152.972	41613.684	50968.480	33.508
34.659	24.031	1.025	14.825
12/9/2016 9:00:00 PM	169200.000	67.914	15.390
152.983	41658.461	51024.379	33.549
34.697	24.005	1.025	14.820
12/9/2016 9:15:00 PM	170100.000	67.902	15.390
152.955	41621.129	50978.457	33.515
34.665	24.026	1.025	14.822
12/9/2016 9:30:00 PM	171000.000	67.897	15.390
152.945	41619.336	50976.141	33.514
34.664	24.027	1.025	14.822
12/9/2016 9:45:00 PM	171900.000	67.895	15.391
152.940	41623.930	50981.031	33.517
34.667	24.025	1.025	14.821
12/9/2016 10:00:00 PM	172800.000	67.889	15.390
152.926	41591.980	50942.535	33.489
34.641	24.043	1.025	14.818
12/9/2016 10:15:00 PM	173700.000	67.874	15.389
152.893	41598.969	50951.820	33.496
34.647	24.039	1.025	14.822
12/9/2016 10:30:00 PM	174600.000	67.869	15.390
152.881	41551.273	50893.090	33.453
34.607	24.067	1.025	14.819
12/9/2016 10:45:00 PM	175500.000	67.861	15.391
152.864	41593.188	50942.758	33.489
34.641	24.042	1.025	14.818
12/9/2016 11:00:00 PM	176400.000	67.848	15.391
152.834	41578.695	50925.625	33.477
34.629	24.051	1.025	14.822

12/9/2016 11:15:00 PM	177300.000	67.839	15.392
152.813	41596.742	50945.520	33.492
34.643	24.040	1.025	14.822
12/9/2016 11:30:00 PM	178200.000	67.834	15.391
152.803	41673.887	51041.480	33.562
34.708	23.996	1.025	14.817
12/9/2016 11:45:00 PM	179100.000	67.832	15.391
152.798	41595.910	50945.664	33.492
34.643	24.041	1.025	14.812
12/10/2016 12:00:00 AM	180000.000	67.828	15.392
152.790	41647.344	51007.824	33.537
34.685	24.011	1.025	14.806
12/10/2016 12:15:00 AM	180900.000	67.814	15.392
152.758	41575.453	50919.676	33.473
34.625	24.053	1.025	14.815
12/10/2016 12:30:00 AM	181800.000	67.816	15.393
152.763	41669.004	51033.074	33.556
34.702	23.999	1.025	14.810
12/10/2016 12:45:00 AM	182700.000	67.808	15.393
152.745	41595.121	50942.586	33.489
34.641	24.041	1.025	14.812
12/10/2016 1:00:00 AM	183600.000	67.808	15.394
152.743	41547.246	50883.547	33.446
34.601	24.069	1.025	14.812
12/10/2016 1:15:00 AM	184500.000	67.807	15.393
152.743	41669.180	51032.980	33.556
34.702	23.999	1.025	14.822
12/10/2016 1:30:00 AM	185400.000	67.819	15.395
152.769	41540.273	50873.844	33.439
34.594	24.073	1.025	14.818
12/10/2016 1:45:00 AM	186300.000	67.821	15.395
152.773	41601.055	50947.438	33.493
34.644	24.038	1.025	14.812
12/10/2016 2:00:00 AM	187200.000	67.829	15.396
152.792	41640.160	50994.484	33.528
34.676	24.015	1.025	14.810
12/10/2016 2:15:00 AM	188100.000	67.830	15.395
152.793	41600.676	50946.973	33.493
34.644	24.038	1.025	14.811
12/10/2016 2:30:00 AM	189000.000	67.843	15.395
152.823	41496.184	50819.004	33.399
34.557	24.099	1.025	14.806
12/10/2016 2:45:00 AM	189900.000	67.841	15.395
152.818	41620.703	50972.238	33.511
34.661	24.027	1.025	14.813
12/10/2016 3:00:00 AM	190800.000	67.857	15.396
152.856	41547.059	50880.367	33.444
34.599	24.069	1.025	14.807
12/10/2016 3:15:00 AM	191700.000	67.869	15.394
152.882	41617.980	50969.641	33.509
34.659	24.028	1.025	14.806
12/10/2016 3:30:00 AM	192600.000	67.864	15.397
152.871	41626.609	50977.051	33.515
34.664	24.023	1.025	14.810
12/10/2016 3:45:00 AM	193500.000	67.875	15.397
152.895	41556.973	50891.672	33.452

34.606	24.063	1.025	14.811
12/10/2016 4:00:00 AM	194400.000	67.882	15.396
152.911	41663.793	51023.734	33.549
34.696	24.002	1.025	14.809
12/10/2016 4:15:00 AM	195300.000	67.901	15.395
152.954	41591.219	50935.184	33.484
34.636	24.044	1.025	14.803
12/10/2016 4:30:00 AM	196200.000	67.914	15.396
152.983	41523.313	50850.859	33.422
34.579	24.083	1.025	14.800
12/10/2016 4:45:00 AM	197100.000	67.911	15.395
152.976	41625.539	50977.730	33.515
34.665	24.024	1.025	14.809
12/10/2016 5:00:00 AM	198000.000	67.923	15.396
153.002	41552.906	50888.043	33.450
34.604	24.066	1.025	14.812
12/10/2016 5:15:00 AM	198900.000	67.944	15.393
153.050	41638.117	50994.938	33.528
34.677	24.016	1.025	14.807
12/10/2016 5:30:00 AM	199800.000	67.956	15.394
153.077	41565.004	50904.965	33.462
34.615	24.059	1.025	14.809
12/10/2016 5:45:00 AM	200700.000	67.972	15.394
153.114	41562.559	50901.762	33.459
34.613	24.060	1.025	14.803
12/10/2016 6:00:00 AM	201600.000	67.981	15.393
153.135	41543.164	50879.273	33.443
34.598	24.071	1.025	14.807
12/10/2016 6:15:00 AM	202500.000	67.998	15.393
153.172	41577.969	50921.582	33.474
34.627	24.051	1.025	14.804
12/10/2016 6:30:00 AM	203400.000	68.000	15.391
153.176	41549.211	50889.094	33.450
34.605	24.068	1.025	14.807
12/10/2016 6:45:00 AM	204300.000	68.017	15.391
153.214	41616.172	50971.109	33.510
34.660	24.029	1.025	14.803
12/10/2016 7:00:00 AM	205200.000	68.013	15.390
153.207	41541.977	50881.078	33.444
34.599	24.072	1.025	14.810
12/10/2016 7:15:00 AM	206100.000	68.030	15.390
153.243	41654.445	51019.262	33.545
34.693	24.007	1.025	14.801
12/10/2016 7:30:00 AM	207000.000	68.036	15.389
153.258	41654.781	51020.609	33.546
34.694	24.007	1.025	14.805
12/10/2016 7:45:00 AM	207900.000	68.055	15.388
153.300	41574.457	50923.488	33.475
34.628	24.053	1.025	14.802
12/10/2016 8:00:00 AM	208800.000	68.043	15.387
153.273	41618.930	50979.125	33.516
34.666	24.028	1.025	14.808
12/10/2016 8:15:00 AM	209700.000	68.044	15.387
153.276	41592.398	50946.938	33.492
34.644	24.043	1.025	14.816
12/10/2016 8:30:00 AM	210600.000	68.051	15.386

153.291	41653.219	51022.715	33.548
34.695	24.008	1.025	14.814
12/10/2016 8:45:00 AM	211500.000	68.066	15.385
153.326	41575.102	50927.449	33.478
34.631	24.053	1.025	14.807
12/10/2016 9:00:00 AM	212400.000	68.070	15.385
153.334	41682.160	51059.328	33.574
34.720	23.991	1.025	14.809
12/10/2016 9:15:00 AM	213300.000	68.076	15.384
153.348	41571.703	50925.270	33.476
34.629	24.055	1.025	14.808
12/10/2016 9:30:00 AM	214200.000	68.074	15.383
153.344	41679.980	51059.188	33.574
34.720	23.992	1.025	14.814
12/10/2016 9:45:00 AM	215100.000	68.068	15.382
153.331	41560.754	50913.867	33.467
34.621	24.061	1.025	14.812
12/10/2016 10:00:00 AM	216000.000	68.064	15.382
153.320	41541.977	50891.070	33.451
34.606	24.072	1.025	14.814
12/10/2016 10:15:00 AM	216900.000	68.064	15.380
153.321	41558.055	50912.449	33.466
34.620	24.063	1.025	14.816
12/10/2016 10:30:00 AM	217800.000	68.061	15.381
153.314	41592.707	50954.164	33.497
34.649	24.043	1.025	14.814
12/10/2016 10:45:00 AM	218700.000	68.056	15.380
153.303	41659.309	51036.813	33.558
34.705	24.004	1.025	14.814
12/10/2016 11:00:00 AM	219600.000	68.044	15.381
153.276	41695.961	51080.238	33.590
34.735	23.983	1.025	14.811
12/10/2016 11:15:00 AM	220500.000	68.045	15.380
153.277	41602.902	50967.391	33.507
34.658	24.037	1.025	14.798
12/10/2016 11:30:00 AM	221400.000	68.032	15.382
153.249	41592.480	50953.148	33.496
34.648	24.043	1.025	14.800
12/10/2016 11:45:00 AM	222300.000	68.023	15.380
153.229	41620.145	50988.742	33.522
34.672	24.027	1.025	14.792
12/10/2016 12:00:00 PM	223200.000	68.011	15.382
153.200	41596.848	50958.289	33.500
34.652	24.040	1.025	14.791
12/10/2016 12:15:00 PM	224100.000	67.999	15.380
153.175	41606.277	50971.844	33.510
34.661	24.035	1.025	14.788
12/10/2016 12:30:00 PM	225000.000	67.992	15.380
153.160	41670.242	51050.117	33.567
34.714	23.998	1.025	14.783
12/10/2016 12:45:00 PM	225900.000	67.984	15.382
153.140	41578.625	50936.293	33.484
34.637	24.051	1.025	14.779
12/10/2016 1:00:00 PM	226800.000	67.974	15.381
153.118	41548.059	50899.051	33.457
34.611	24.069	1.025	14.778

12/10/2016 1:15:00 PM	227700.000	67.965	15.381
153.099	41578.891	50936.719	33.484
34.637	24.051	1.025	14.775
12/10/2016 1:30:00 PM	228600.000	67.948	15.382
153.059	41709.813	51096.039	33.601
34.745	23.975	1.025	14.778
12/10/2016 1:45:00 PM	229500.000	67.942	15.382
153.046	41586.027	50944.301	33.490
34.642	24.047	1.025	14.773
12/10/2016 2:00:00 PM	230400.000	67.930	15.384
153.020	41694.422	51075.398	33.586
34.731	23.984	1.025	14.766
12/10/2016 2:15:00 PM	231300.000	67.931	15.383
153.020	41544.676	50892.586	33.452
34.607	24.070	1.025	14.764
12/10/2016 2:30:00 PM	232200.000	67.918	15.384
152.991	41626.719	50992.152	33.525
34.675	24.023	1.025	14.765
12/10/2016 2:45:00 PM	233100.000	67.911	15.384
152.975	41534.734	50879.355	33.442
34.598	24.076	1.025	14.764
12/10/2016 3:00:00 PM	234000.000	67.899	15.385
152.950	41645.234	51013.559	33.541
34.689	24.012	1.025	14.766
12/10/2016 3:15:00 PM	234900.000	67.896	15.386
152.943	41592.664	50948.426	33.493
34.645	24.043	1.025	14.768
12/10/2016 3:30:00 PM	235800.000	67.894	15.387
152.937	41641.855	51007.738	33.537
34.685	24.014	1.025	14.768
12/10/2016 3:45:00 PM	236700.000	67.892	15.387
152.933	41572.703	50923.031	33.475
34.628	24.054	1.025	14.765
12/10/2016 4:00:00 PM	237600.000	67.882	15.388
152.910	41662.789	51032.113	33.555
34.702	24.002	1.025	14.772
12/10/2016 4:15:00 PM	238500.000	67.894	15.388
152.939	41518.539	50855.422	33.425
34.582	24.086	1.025	14.765
12/10/2016 4:30:00 PM	239400.000	67.896	15.389
152.941	41502.461	50834.258	33.410
34.567	24.095	1.025	14.763
12/10/2016 4:45:00 PM	240300.000	67.901	15.389
152.953	41538.324	50878.492	33.442
34.597	24.074	1.025	14.761
12/10/2016 5:00:00 PM	241200.000	67.895	15.388
152.939	41561.418	50907.207	33.463
34.617	24.061	1.025	14.772
12/10/2016 5:15:00 PM	242100.000	67.910	15.389
152.973	41589.793	50941.227	33.488
34.640	24.044	1.025	14.759
12/10/2016 5:30:00 PM	243000.000	67.907	15.389
152.967	41586.617	50937.117	33.485
34.637	24.046	1.025	14.769
12/10/2016 5:45:00 PM	243900.000	67.917	15.389
152.990	41607.523	50962.297	33.504

34.654	24.034	1.025	14.764
12/10/2016 6:00:00 PM	244800.000	67.921	15.389
152.999	41546.000	50886.941	33.448
34.603	24.070	1.025	14.766
12/10/2016 6:15:00 PM	245700.000	67.914	15.389
152.982	41615.309	50972.688	33.511
34.661	24.030	1.025	14.778
12/10/2016 6:30:00 PM	246600.000	67.930	15.390
153.020	41688.648	51061.352	33.576
34.722	23.987	1.025	14.767
12/10/2016 6:45:00 PM	247500.000	67.942	15.389
153.045	41564.652	50910.016	33.465
34.619	24.059	1.025	14.763
12/10/2016 7:00:00 PM	248400.000	67.944	15.390
153.051	41688.535	51061.215	33.576
34.722	23.987	1.025	14.772
12/10/2016 7:15:00 PM	249300.000	67.953	15.389
153.071	41523.875	50859.953	33.428
34.585	24.083	1.025	14.768
12/10/2016 7:30:00 PM	250200.000	67.958	15.390
153.082	41654.414	51019.422	33.546
34.693	24.007	1.025	14.773
12/10/2016 7:45:00 PM	251100.000	67.951	15.390
153.066	41526.008	50862.258	33.430
34.586	24.081	1.025	14.779
12/10/2016 8:00:00 PM	252000.000	67.951	15.388
153.066	41663.871	51032.801	33.555
34.702	24.002	1.025	14.782
12/10/2016 8:15:00 PM	252900.000	67.953	15.389
153.072	41567.215	50913.883	33.468
34.621	24.057	1.025	14.783
12/10/2016 8:30:00 PM	253800.000	67.960	15.389
153.085	41657.375	51024.215	33.549
34.696	24.005	1.025	14.779
12/10/2016 8:45:00 PM	254700.000	67.955	15.388
153.075	41532.918	50872.500	33.438
34.593	24.077	1.025	14.779
12/10/2016 9:00:00 PM	255600.000	67.951	15.387
153.067	41547.863	50891.770	33.452
34.606	24.069	1.025	14.779
12/10/2016 9:15:00 PM	256500.000	67.953	15.386
153.071	41535.055	50877.551	33.441
34.597	24.076	1.025	14.782
12/10/2016 9:30:00 PM	257400.000	67.947	15.388
153.056	41571.684	50920.629	33.473
34.626	24.055	1.025	14.785
12/10/2016 9:45:00 PM	258300.000	67.938	15.387
153.036	41555.867	50902.410	33.459
34.614	24.064	1.025	14.780
12/10/2016 10:00:00 PM	259200.000	67.934	15.387
153.027	41601.469	50958.047	33.500
34.651	24.038	1.025	14.789
12/10/2016 10:15:00 PM	260100.000	67.940	15.388
153.041	41526.574	50865.266	33.432
34.588	24.081	1.025	14.782
12/10/2016 10:30:00 PM	261000.000	67.931	15.388

153.022	41555.273	50900.527	33.458
34.612	24.064	1.025	14.789
12/10/2016 10:45:00 PM	261900.000	67.917	15.388
152.990	41606.352	50962.348	33.504
34.654	24.035	1.025	14.799
12/10/2016 11:00:00 PM	262800.000	67.920	15.386
152.997	41535.629	50877.828	33.441
34.597	24.076	1.025	14.797
12/10/2016 11:15:00 PM	263700.000	67.910	15.387
152.973	41608.250	50966.352	33.506
34.657	24.034	1.025	14.798
12/10/2016 11:30:00 PM	264600.000	67.902	15.388
152.956	41524.129	50861.844	33.430
34.586	24.082	1.025	14.799
12/10/2016 11:45:00 PM	265500.000	67.913	15.388
152.980	41608.414	50965.621	33.506
34.657	24.034	1.025	14.796
12/11/2016 12:00:00 AM	266400.000	67.893	15.387
152.936	41568.176	50916.648	33.470
34.623	24.057	1.025	14.801
12/11/2016 12:15:00 AM	267300.000	67.890	15.388
152.929	41590.551	50942.891	33.489
34.641	24.044	1.025	14.799
12/11/2016 12:30:00 AM	268200.000	67.882	15.389
152.911	41559.133	50903.137	33.460
34.614	24.062	1.025	14.797
12/11/2016 12:45:00 AM	269100.000	67.878	15.389
152.902	41589.898	50941.465	33.488
34.640	24.044	1.025	14.796
12/11/2016 1:00:00 AM	270000.000	67.875	15.389
152.894	41725.191	51107.277	33.610
34.753	23.966	1.025	14.798
12/11/2016 1:15:00 AM	270900.000	67.859	15.389
152.860	41561.164	50905.840	33.462
34.616	24.061	1.025	14.806
12/11/2016 1:30:00 AM	271800.000	67.871	15.390
152.886	41628.844	50987.684	33.522
34.672	24.022	1.025	14.802
12/11/2016 1:45:00 AM	272700.000	67.873	15.390
152.890	41562.879	50906.789	33.463
34.617	24.060	1.025	14.799
12/11/2016 2:00:00 AM	273600.000	67.876	15.391
152.896	41721.441	51100.363	33.605
34.748	23.968	1.025	14.803
12/11/2016 2:15:00 AM	274500.000	67.873	15.390
152.891	41540.715	50880.160	33.443
34.599	24.073	1.025	14.804
12/11/2016 2:30:00 AM	275400.000	67.873	15.390
152.891	41579.313	50927.238	33.478
34.631	24.050	1.025	14.811
12/11/2016 2:45:00 AM	276300.000	67.883	15.390
152.914	41503.594	50834.691	33.410
34.568	24.094	1.025	14.804
12/11/2016 3:00:00 AM	277200.000	67.882	15.390
152.911	41573.016	50919.305	33.472
34.625	24.054	1.025	14.805

12/11/2016 3:15:00 AM	278100.000	67.887	15.391
152.922	41507.859	50838.133	33.413
34.570	24.092	1.025	14.805
12/11/2016 3:30:00 AM	279000.000	67.917	15.391
152.989	41531.352	50866.906	33.434
34.589	24.078	1.025	14.799
12/11/2016 3:45:00 AM	279900.000	67.899	15.392
152.950	41532.352	50867.395	33.434
34.590	24.078	1.025	14.807
12/11/2016 4:00:00 AM	280800.000	67.904	15.392
152.961	41547.238	50885.723	33.448
34.602	24.069	1.025	14.804
12/11/2016 4:15:00 AM	281700.000	67.921	15.391
152.998	41564.785	50907.652	33.464
34.617	24.059	1.025	14.803
12/11/2016 4:30:00 AM	282600.000	67.931	15.391
153.022	41537.441	50874.262	33.439
34.595	24.075	1.025	14.800
12/11/2016 4:45:00 AM	283500.000	67.948	15.390
153.060	41518.156	50852.012	33.423
34.579	24.086	1.025	14.798
12/11/2016 5:00:00 AM	284400.000	67.950	15.391
153.064	41523.625	50857.559	33.427
34.583	24.083	1.025	14.802
12/11/2016 5:15:00 AM	285300.000	67.967	15.390
153.102	41516.398	50849.539	33.421
34.578	24.087	1.025	14.803
12/11/2016 5:30:00 AM	286200.000	67.976	15.390
153.123	41552.012	50893.262	33.453
34.607	24.066	1.025	14.810
12/11/2016 5:45:00 AM	287100.000	67.995	15.390
153.166	41525.254	50860.594	33.429
34.585	24.082	1.025	14.803
12/11/2016 6:00:00 AM	288000.000	68.005	15.388
153.187	41512.320	50846.762	33.419
34.576	24.089	1.025	14.809
12/11/2016 6:15:00 AM	288900.000	68.021	15.389
153.223	41584.453	50934.895	33.483
34.636	24.047	1.025	14.810
12/11/2016 6:30:00 AM	289800.000	68.031	15.389
153.246	41534.305	50873.262	33.438
34.594	24.076	1.025	14.811
12/11/2016 6:45:00 AM	290700.000	68.040	15.386
153.267	41578.512	50930.355	33.480
34.633	24.051	1.025	14.817
12/11/2016 7:00:00 AM	291600.000	68.061	15.386
153.314	41697.184	51076.148	33.587
34.732	23.982	1.025	14.812
12/11/2016 7:15:00 AM	292500.000	68.069	15.386
153.333	41563.281	50912.332	33.467
34.620	24.060	1.025	14.814
12/11/2016 7:30:00 AM	293400.000	68.079	15.385
153.354	41666.328	51039.820	33.560
34.707	24.000	1.025	14.815
12/11/2016 7:45:00 AM	294300.000	68.083	15.384
153.363	41582.855	50938.730	33.486

34.638	24.048	1.025	14.817
12/11/2016 8:00:00 AM	295200.000	68.101	15.383
153.403	41516.957	50859.277	33.427
34.584	24.087	1.025	14.810
12/11/2016 8:15:00 AM	296100.000	68.105	15.383
153.413	41608.223	50971.180	33.510
34.660	24.034	1.025	14.816
12/11/2016 8:30:00 AM	297000.000	68.111	15.379
153.426	41606.203	50973.020	33.511
34.662	24.035	1.025	14.816
12/11/2016 8:45:00 AM	297900.000	68.119	15.381
153.445	41549.641	50901.402	33.458
34.613	24.068	1.025	14.814
12/11/2016 9:00:00 AM	298800.000	68.116	15.381
153.437	41604.012	50968.547	33.507
34.659	24.036	1.025	14.820
12/11/2016 9:15:00 AM	299700.000	68.126	15.379
153.461	41588.793	50951.887	33.495
34.647	24.045	1.025	14.820
12/11/2016 9:30:00 AM	300600.000	68.125	15.378
153.457	41592.840	50958.020	33.500
34.651	24.043	1.025	14.826
12/11/2016 9:45:00 AM	301500.000	68.134	15.377
153.479	41513.813	50862.570	33.429
34.587	24.088	1.025	14.824
12/11/2016 10:00:00 AM	302400.000	68.140	15.376
153.492	41572.293	50934.527	33.482
34.635	24.054	1.025	14.822
12/11/2016 10:15:00 AM	303300.000	68.139	15.376
153.489	41631.590	51007.699	33.536
34.685	24.020	1.025	14.820
12/11/2016 10:30:00 AM	304200.000	68.113	15.376
153.432	41648.738	51029.355	33.552
34.700	24.010	1.025	14.818
12/11/2016 10:45:00 AM	305100.000	68.110	15.375
153.426	41611.070	50984.043	33.518
34.669	24.032	1.025	14.821
12/11/2016 11:00:00 AM	306000.000	68.123	15.374
153.453	41620.352	50996.254	33.527
34.677	24.027	1.025	14.818
12/11/2016 11:15:00 AM	306900.000	68.114	15.373
153.434	41658.969	51045.152	33.563
34.711	24.004	1.025	14.819
12/11/2016 11:30:00 AM	307800.000	68.100	15.374
153.402	41617.098	50992.574	33.525
34.675	24.029	1.025	14.812
12/11/2016 11:45:00 AM	308700.000	68.097	15.374
153.395	41613.387	50988.367	33.521
34.672	24.031	1.025	14.816
12/11/2016 12:00:00 PM	309600.000	68.078	15.374
153.353	41590.156	50959.789	33.501
34.653	24.044	1.025	14.816
12/11/2016 12:15:00 PM	310500.000	68.080	15.374
153.357	41590.223	50959.336	33.500
34.652	24.044	1.025	14.806
12/11/2016 12:30:00 PM	311400.000	68.059	15.373

153.308	41549.828	50910.914	33.465
34.619	24.067	1.025	14.806
12/11/2016 12:45:00 PM	312300.000	68.030	15.374
153.245	41524.879	50879.809	33.442
34.598	24.082	1.025	14.805
12/11/2016 1:00:00 PM	313200.000	68.036	15.374
153.257	41564.891	50928.832	33.478
34.632	24.059	1.025	14.799
12/11/2016 1:15:00 PM	314100.000	68.026	15.374
153.234	41575.074	50940.355	33.486
34.639	24.053	1.025	14.798
12/11/2016 1:30:00 PM	315000.000	68.010	15.374
153.200	41568.855	50932.848	33.481
34.634	24.056	1.025	14.800
12/11/2016 1:45:00 PM	315900.000	67.992	15.376
153.159	41593.453	50961.512	33.502
34.654	24.042	1.025	14.803
12/11/2016 2:00:00 PM	316800.000	67.988	15.376
153.151	41559.414	50919.379	33.471
34.625	24.062	1.025	14.799
12/11/2016 2:15:00 PM	317700.000	67.968	15.377
153.104	41636.535	51012.930	33.540
34.689	24.017	1.025	14.803
12/11/2016 2:30:00 PM	318600.000	67.953	15.378
153.072	41585.754	50949.129	33.493
34.645	24.047	1.025	14.807
12/11/2016 2:45:00 PM	319500.000	67.947	15.378
153.058	41243.738	50530.727	33.186
34.361	24.246	1.024	14.802
12/11/2016 3:00:00 PM	320400.000	67.923	15.378
153.003	41619.750	50990.355	33.523
34.673	24.027	1.025	14.809
12/11/2016 3:15:00 PM	321300.000	67.918	15.379
152.991	41651.625	51028.355	33.551
34.699	24.009	1.025	14.803
12/11/2016 3:30:00 PM	322200.000	67.908	15.380
152.970	41634.410	51006.527	33.535
34.684	24.019	1.025	14.804
12/11/2016 3:45:00 PM	323100.000	67.901	15.380
152.953	41642.496	51015.797	33.542
34.691	24.014	1.025	14.805
12/11/2016 4:00:00 PM	324000.000	67.903	15.382
152.959	41683.211	51063.883	33.578
34.723	23.990	1.025	14.802
12/11/2016 4:15:00 PM	324900.000	67.894	15.381
152.938	41638.090	51009.453	33.538
34.686	24.016	1.025	14.801
12/11/2016 4:30:00 PM	325800.000	67.883	15.382
152.913	41640.184	51011.172	33.539
34.688	24.015	1.025	14.799
12/11/2016 4:45:00 PM	326700.000	67.887	15.383
152.923	41647.969	51019.004	33.545
34.693	24.011	1.025	14.800
12/11/2016 5:00:00 PM	327600.000	67.887	15.384
152.923	41649.203	51019.895	33.545
34.694	24.010	1.025	14.797

12/11/2016 5:15:00 PM	328500.000	67.893	15.383
152.937	41672.539	51049.641	33.567
34.714	23.997	1.025	14.791
12/11/2016 5:30:00 PM	329400.000	67.887	15.385
152.922	41639.203	51006.594	33.536
34.684	24.016	1.025	14.794
12/11/2016 5:45:00 PM	330300.000	67.894	15.385
152.938	41618.305	50980.473	33.517
34.667	24.028	1.025	14.794
12/11/2016 6:00:00 PM	331200.000	67.900	15.385
152.952	41642.238	51010.309	33.538
34.687	24.014	1.025	14.797
12/11/2016 6:15:00 PM	332100.000	67.902	15.385
152.957	41648.473	51017.426	33.544
34.692	24.010	1.025	14.800
12/11/2016 6:30:00 PM	333000.000	67.903	15.386
152.958	41566.262	50915.348	33.469
34.622	24.058	1.025	14.800
12/11/2016 6:45:00 PM	333900.000	67.909	15.386
152.972	41572.496	50923.520	33.475
34.628	24.054	1.025	14.794
12/11/2016 7:00:00 PM	334800.000	67.922	15.387
153.000	41558.246	50904.484	33.461
34.615	24.063	1.025	14.791
12/11/2016 7:15:00 PM	335700.000	67.932	15.387
153.023	41604.512	50961.156	33.503
34.654	24.036	1.025	14.793
12/11/2016 7:30:00 PM	336600.000	67.921	15.387
152.998	41567.242	50915.914	33.469
34.623	24.057	1.025	14.799
12/11/2016 7:45:00 PM	337500.000	67.929	15.388
153.016	41602.805	50958.531	33.501
34.652	24.037	1.025	14.795
12/11/2016 8:00:00 PM	338400.000	67.939	15.386
153.039	41652.867	51021.652	33.547
34.695	24.008	1.025	14.792
12/11/2016 8:15:00 PM	339300.000	67.942	15.387
153.047	41636.816	51000.727	33.532
34.680	24.017	1.025	14.797
12/11/2016 8:30:00 PM	340200.000	67.948	15.388
153.059	41616.246	50974.895	33.513
34.663	24.029	1.025	14.798
12/11/2016 8:45:00 PM	341100.000	67.925	15.387
153.008	41585.094	50937.781	33.485
34.638	24.047	1.025	14.798
12/11/2016 9:00:00 PM	342000.000	67.961	15.385
153.089	41618.355	50980.313	33.517
34.667	24.028	1.025	14.790
12/11/2016 9:15:00 PM	342900.000	67.950	15.387
153.064	41609.883	50968.574	33.508
34.659	24.033	1.025	14.793
12/11/2016 9:30:00 PM	343800.000	67.957	15.386
153.079	41605.535	50964.094	33.505
34.656	24.035	1.025	14.795
12/11/2016 9:45:00 PM	344700.000	67.961	15.386
153.089	41641.945	51008.055	33.537

34.685	24.014	1.025	14.789
12/11/2016 10:00:00 PM	345600.000	67.957	15.386
153.080	41624.438	50987.145	33.522
34.671	24.024	1.025	14.794
12/11/2016 10:15:00 PM	346500.000	67.958	15.386
153.083	41599.891	50957.078	33.499
34.651	24.039	1.025	14.792
12/11/2016 10:30:00 PM	347400.000	67.963	15.385
153.093	41597.832	50955.395	33.498
34.650	24.040	1.025	14.791
12/11/2016 10:45:00 PM	348300.000	67.952	15.385
153.068	41604.238	50962.914	33.504
34.655	24.036	1.025	14.799
12/11/2016 11:00:00 PM	349200.000	67.958	15.385
153.082	41628.660	50993.055	33.526
34.675	24.022	1.025	14.795
12/11/2016 11:15:00 PM	350100.000	67.944	15.385
153.051	41643.617	51012.113	33.540
34.688	24.013	1.025	14.794
12/11/2016 11:30:00 PM	351000.000	67.940	15.384
153.042	41589.699	50946.805	33.492
34.644	24.044	1.025	14.797
12/11/2016 11:45:00 PM	351900.000	67.941	15.385
153.045	41654.789	51025.684	33.550
34.697	24.007	1.025	14.796
12/12/2016 12:00:00 AM	352800.000	67.937	15.384
153.035	41653.113	51024.059	33.549
34.696	24.008	1.025	14.791
12/12/2016 12:15:00 AM	353700.000	67.920	15.386
152.997	41605.957	50964.820	33.505
34.656	24.035	1.025	14.799
12/12/2016 12:30:00 AM	354600.000	67.921	15.385
152.999	41623.996	50987.344	33.522
34.671	24.025	1.025	14.790
12/12/2016 12:45:00 AM	355500.000	67.915	15.384
152.985	41654.590	51026.496	33.550
34.698	24.007	1.025	14.795
12/12/2016 1:00:00 AM	356400.000	67.884	15.386
152.916	41643.496	51010.902	33.539
34.687	24.013	1.025	14.798
12/12/2016 1:15:00 AM	357300.000	67.902	15.385
152.955	41605.449	50964.504	33.505
34.656	24.035	1.025	14.797
12/12/2016 1:30:00 AM	358200.000	67.894	15.385
152.938	41625.969	50990.270	33.524
34.673	24.023	1.025	14.794
12/12/2016 1:45:00 AM	359100.000	67.900	15.385
152.951	41683.039	51060.176	33.575
34.721	23.991	1.025	14.794
12/12/2016 2:00:00 AM	360000.000	67.904	15.385
152.960	41615.391	50977.113	33.514
34.664	24.030	1.025	14.790
12/12/2016 2:15:00 AM	360900.000	67.899	15.385
152.949	41573.617	50925.730	33.476
34.629	24.054	1.025	14.789
12/12/2016 2:30:00 AM	361800.000	67.892	15.386

152.933	41598.508	50955.277	33.498
34.650	24.039	1.025	14.797
12/12/2016 2:45:00 AM	362700.000	67.894	15.386
152.938	41605.449	50964.086	33.505
34.656	24.035	1.025	14.795
12/12/2016 3:00:00 AM	363600.000	67.913	15.386
152.982	41610.543	50969.898	33.509
34.660	24.032	1.025	14.795
12/12/2016 3:15:00 AM	364500.000	67.908	15.386
152.970	41605.652	50963.711	33.504
34.655	24.035	1.025	14.787
12/12/2016 3:30:00 AM	365400.000	67.897	15.387
152.945	41629.609	50991.898	33.525
34.674	24.021	1.025	14.793
12/12/2016 3:45:00 AM	366300.000	67.908	15.387
152.969	41608.773	50966.477	33.506
34.657	24.033	1.025	14.789
12/12/2016 4:00:00 AM	367200.000	67.915	15.387
152.985	41642.746	51008.828	33.538
34.686	24.014	1.025	14.787
12/12/2016 4:15:00 AM	368100.000	67.920	15.387
152.996	41621.102	50981.988	33.518
34.668	24.026	1.025	14.787
12/12/2016 4:30:00 AM	369000.000	67.928	15.387
153.013	41613.637	50972.113	33.511
34.661	24.031	1.025	14.790
12/12/2016 4:45:00 AM	369900.000	67.929	15.388
153.016	41627.461	50988.840	33.523
34.672	24.023	1.025	14.798
12/12/2016 5:00:00 AM	370800.000	67.954	15.387
153.074	41590.199	50943.828	33.490
34.642	24.044	1.025	14.788
12/12/2016 5:15:00 AM	371700.000	67.950	15.387
153.063	41616.445	50975.555	33.513
34.663	24.029	1.025	14.787
12/12/2016 5:30:00 AM	372600.000	67.982	15.386
153.135	41622.316	50984.320	33.520
34.669	24.026	1.025	14.786
12/12/2016 5:45:00 AM	373500.000	67.992	15.387
153.158	41622.801	50983.969	33.519
34.669	24.025	1.025	14.794
12/12/2016 6:00:00 AM	374400.000	68.004	15.386
153.186	41592.867	50948.246	33.493
34.645	24.043	1.025	14.794
12/12/2016 6:15:00 AM	375300.000	68.022	15.384
153.226	41613.316	50975.309	33.513
34.663	24.031	1.025	14.794
12/12/2016 6:30:00 AM	376200.000	68.038	15.384
153.262	41650.125	51020.926	33.546
34.694	24.010	1.025	14.792
12/12/2016 6:45:00 AM	377100.000	68.055	15.383
153.300	41611.414	50974.223	33.512
34.662	24.032	1.025	14.796
12/12/2016 7:00:00 AM	378000.000	68.067	15.384
153.327	41640.758	51009.973	33.538
34.687	24.015	1.025	14.797

12/12/2016 7:15:00 AM	378900.000	68.088	15.382
153.374	41580.406	50937.621	33.485
34.638	24.050	1.025	14.790
12/12/2016 7:30:00 AM	379800.000	68.095	15.383
153.391	41585.676	50943.559	33.489
34.642	24.047	1.025	14.796
12/12/2016 7:45:00 AM	380700.000	68.123	15.380
153.454	41567.223	50924.215	33.475
34.628	24.057	1.025	14.788
12/12/2016 8:00:00 AM	381600.000	68.131	15.379
153.471	41562.242	50919.051	33.471
34.625	24.060	1.025	14.794
12/12/2016 8:15:00 AM	382500.000	68.135	15.378
153.480	41616.840	50987.645	33.521
34.672	24.029	1.025	14.802
12/12/2016 8:30:00 AM	383400.000	68.151	15.377
153.517	41571.922	50933.230	33.481
34.635	24.055	1.025	14.801
12/12/2016 8:45:00 AM	384300.000	68.161	15.376
153.539	41597.176	50965.754	33.505
34.657	24.040	1.025	14.805
12/12/2016 9:00:00 AM	385200.000	68.172	15.376
153.563	41602.184	50972.008	33.510
34.661	24.037	1.025	14.808
12/12/2016 9:15:00 AM	386100.000	68.184	15.373
153.591	41586.156	50955.625	33.497
34.650	24.046	1.025	14.809
12/12/2016 9:30:00 AM	387000.000	68.187	15.373
153.598	41573.141	50940.199	33.486
34.639	24.054	1.025	14.811
12/12/2016 9:45:00 AM	387900.000	68.196	15.372
153.618	41579.047	50948.070	33.492
34.645	24.051	1.025	14.808
12/12/2016 10:00:00 AM	388800.000	68.187	15.371
153.598	41605.434	50982.105	33.517
34.668	24.035	1.025	14.816
12/12/2016 10:15:00 AM	389700.000	68.195	15.369
153.615	41549.250	50914.613	33.467
34.622	24.068	1.025	14.810
12/12/2016 10:30:00 AM	390600.000	68.171	15.368
153.562	41591.813	50968.246	33.506
34.658	24.043	1.025	14.812
12/12/2016 10:45:00 AM	391500.000	68.164	15.368
153.546	41606.875	50986.910	33.520
34.671	24.034	1.025	14.812
12/12/2016 11:00:00 AM	392400.000	68.169	15.367
153.557	41581.488	50956.867	33.498
34.651	24.049	1.025	14.811
12/12/2016 11:15:00 AM	393300.000	68.140	15.366
153.492	41539.703	50907.242	33.461
34.617	24.073	1.025	14.809
12/12/2016 11:30:00 AM	394200.000	68.149	15.367
153.512	41569.727	50942.871	33.488
34.641	24.056	1.025	14.799
12/12/2016 11:45:00 AM	395100.000	68.141	15.366
153.495	41542.094	50909.848	33.463

34.619	24.072	1.025	14.798
12/12/2016 12:00:00 PM	396000.000	68.126	15.367
153.460	41547.246	50915.324	33.467
34.622	24.069	1.025	14.794
12/12/2016 12:15:00 PM	396900.000	68.106	15.366
153.416	41534.930	50901.484	33.457
34.613	24.076	1.025	14.779
12/12/2016 12:30:00 PM	397800.000	68.087	15.365
153.373	41540.832	50909.137	33.463
34.618	24.073	1.025	14.785
12/12/2016 12:45:00 PM	398700.000	68.091	15.366
153.382	41577.668	50953.234	33.495
34.648	24.051	1.025	14.783
12/12/2016 1:00:00 PM	399600.000	68.095	15.367
153.390	41551.520	50920.559	33.471
34.626	24.067	1.025	14.777
12/12/2016 1:15:00 PM	400500.000	68.056	15.366
153.302	41556.469	50927.879	33.476
34.631	24.064	1.025	14.784
12/12/2016 1:30:00 PM	401400.000	68.051	15.368
153.293	41581.625	50956.070	33.497
34.650	24.049	1.025	14.774
12/12/2016 1:45:00 PM	402300.000	68.047	15.368
153.282	41569.445	50940.734	33.486
34.640	24.056	1.025	14.788
12/12/2016 2:00:00 PM	403200.000	68.011	15.368
153.201	41556.660	50925.277	33.475
34.629	24.064	1.025	14.783
12/12/2016 2:15:00 PM	404100.000	68.006	15.368
153.191	41586.203	50961.680	33.501
34.654	24.046	1.025	14.777
12/12/2016 2:30:00 PM	405000.000	68.002	15.370
153.181	41543.785	50907.281	33.462
34.617	24.071	1.025	14.781
12/12/2016 2:45:00 PM	405900.000	67.994	15.369
153.164	41557.492	50925.023	33.475
34.629	24.063	1.025	14.776
12/12/2016 3:00:00 PM	406800.000	67.965	15.371
153.097	41501.203	50853.730	33.422
34.581	24.096	1.025	14.779
12/12/2016 3:15:00 PM	407700.000	67.974	15.370
153.118	41529.660	50889.563	33.449
34.605	24.079	1.025	14.775
12/12/2016 3:30:00 PM	408600.000	67.960	15.372
153.086	41514.895	50869.156	33.434
34.591	24.088	1.025	14.778
12/12/2016 3:45:00 PM	409500.000	67.947	15.372
153.057	41539.832	50900.129	33.457
34.612	24.073	1.025	14.780
12/12/2016 4:00:00 PM	410400.000	67.920	15.373
152.996	41480.086	50825.965	33.402
34.562	24.108	1.025	14.776
12/12/2016 4:15:00 PM	411300.000	67.937	15.374
153.034	41490.277	50836.566	33.410
34.569	24.102	1.025	14.772
12/12/2016 4:30:00 PM	412200.000	67.933	15.374

153.025	41546.691	50906.105	33.461
34.616	24.069	1.025	14.773
12/12/2016 4:45:00 PM	413100.000	67.932	15.376
153.024	41555.910	50914.973	33.468
34.622	24.064	1.025	14.767
12/12/2016 5:00:00 PM	414000.000	67.922	15.376
153.002	41515.020	50864.672	33.431
34.588	24.088	1.025	14.766
12/12/2016 5:15:00 PM	414900.000	67.920	15.377
152.995	41523.434	50873.824	33.438
34.594	24.083	1.025	14.772
12/12/2016 5:30:00 PM	415800.000	67.914	15.377
152.982	41538.949	50893.258	33.452
34.607	24.074	1.025	14.777
12/12/2016 5:45:00 PM	416700.000	67.912	15.377
152.977	41473.078	50812.863	33.393
34.553	24.112	1.025	14.773
12/12/2016 6:00:00 PM	417600.000	67.912	15.379
152.978	41537.629	50889.430	33.449
34.605	24.075	1.025	14.779
12/12/2016 6:15:00 PM	418500.000	67.912	15.379
152.978	41538.328	50890.180	33.450
34.605	24.074	1.025	14.780
12/12/2016 6:30:00 PM	419400.000	67.923	15.379
153.003	41538.832	50890.480	33.450
34.606	24.074	1.025	14.775
12/12/2016 6:45:00 PM	420300.000	67.924	15.380
153.004	41489.836	50829.500	33.405
34.564	24.102	1.025	14.772
12/12/2016 7:00:00 PM	421200.000	67.932	15.380
153.024	41470.594	50805.199	33.388
34.548	24.113	1.025	14.772
12/12/2016 7:15:00 PM	422100.000	67.932	15.381
153.024	41555.242	50908.059	33.463
34.617	24.064	1.025	14.779
12/12/2016 7:30:00 PM	423000.000	67.933	15.381
153.026	41539.836	50889.926	33.450
34.605	24.073	1.025	14.779
12/12/2016 7:45:00 PM	423900.000	67.946	15.382
153.056	41476.586	50810.863	33.392
34.551	24.110	1.025	14.775
12/12/2016 8:00:00 PM	424800.000	67.947	15.381
153.057	41501.016	50841.625	33.414
34.572	24.096	1.025	14.778
12/12/2016 8:15:00 PM	425700.000	67.955	15.381
153.075	41512.508	50856.234	33.425
34.582	24.089	1.025	14.776
12/12/2016 8:30:00 PM	426600.000	67.961	15.382
153.090	41463.320	50794.285	33.380
34.540	24.118	1.025	14.771
12/12/2016 8:45:00 PM	427500.000	67.964	15.383
153.095	41481.496	50815.191	33.395
34.554	24.107	1.025	14.771
12/12/2016 9:00:00 PM	428400.000	67.969	15.382
153.106	41460.297	50790.691	33.377
34.538	24.119	1.025	14.779

12/12/2016 9:15:00 PM	429300.000	67.969	15.382
153.106	41458.766	50788.926	33.376
34.536	24.120	1.025	14.780
12/12/2016 9:30:00 PM	430200.000	67.981	15.382
153.134	41507.234	50848.512	33.419
34.577	24.092	1.025	14.775
12/12/2016 9:45:00 PM	431100.000	67.977	15.381
153.125	41517.598	50861.734	33.429
34.586	24.086	1.025	14.780
12/12/2016 10:00:00 PM	432000.000	67.976	15.382
153.122	41513.512	50855.992	33.425
34.582	24.089	1.025	14.781
12/12/2016 10:15:00 PM	432900.000	67.976	15.382
153.123	41519.859	50863.551	33.431
34.587	24.085	1.025	14.786
12/12/2016 10:30:00 PM	433800.000	67.983	15.382
153.138	41504.406	50845.371	33.417
34.575	24.094	1.025	14.775
12/12/2016 10:45:00 PM	434700.000	67.982	15.381
153.135	41523.066	50868.848	33.434
34.591	24.083	1.025	14.780
12/12/2016 11:00:00 PM	435600.000	67.973	15.382
153.116	41479.598	50814.652	33.395
34.554	24.108	1.025	14.782
12/12/2016 11:15:00 PM	436500.000	67.962	15.380
153.091	41495.230	50835.484	33.410
34.568	24.099	1.025	14.786
12/12/2016 11:30:00 PM	437400.000	67.970	15.381
153.110	41429.219	50753.879	33.350
34.513	24.138	1.025	14.772
12/12/2016 11:45:00 PM	438300.000	67.969	15.381
153.106	41469.176	50802.313	33.386
34.546	24.114	1.025	14.778
12/13/2016 12:00:00 AM	439200.000	67.952	15.382
153.069	41433.316	50758.281	33.353
34.516	24.135	1.025	14.786
12/13/2016 12:15:00 AM	440100.000	67.955	15.382
153.075	41428.027	50751.805	33.348
34.511	24.138	1.025	14.777
12/13/2016 12:30:00 AM	441000.000	67.942	15.380
153.047	41444.559	50773.305	33.364
34.526	24.129	1.025	14.784
12/13/2016 12:45:00 AM	441900.000	67.939	15.380
153.039	41442.086	50770.801	33.362
34.524	24.130	1.025	14.780
12/13/2016 1:00:00 AM	442800.000	67.925	15.380
153.007	41461.242	50793.961	33.379
34.540	24.119	1.025	14.777
12/13/2016 1:15:00 AM	443700.000	67.917	15.382
152.990	41478.152	50813.090	33.393
34.553	24.109	1.025	14.779
12/13/2016 1:30:00 AM	444600.000	67.911	15.382
152.975	41460.902	50791.852	33.378
34.538	24.119	1.025	14.782
12/13/2016 1:45:00 AM	445500.000	67.902	15.381
152.956	41378.602	50691.660	33.304

34.470	24.167	1.025	14.786
12/13/2016 2:00:00 AM	446400.000	67.901	15.382
152.954	41435.551	50760.168	33.355
34.517	24.134	1.025	14.789
12/13/2016 2:15:00 AM	447300.000	67.908	15.382
152.970	41445.949	50773.227	33.364
34.526	24.128	1.025	14.784
12/13/2016 2:30:00 AM	448200.000	67.898	15.382
152.947	41455.465	50784.883	33.373
34.534	24.122	1.025	14.786
12/13/2016 2:45:00 AM	449100.000	67.902	15.383
152.957	41410.164	50728.555	33.332
34.495	24.149	1.025	14.787
12/13/2016 3:00:00 AM	450000.000	67.895	15.383
152.940	41462.387	50792.629	33.379
34.539	24.118	1.025	14.790
12/13/2016 3:15:00 AM	450900.000	67.892	15.383
152.934	41468.133	50798.703	33.383
34.543	24.115	1.025	14.786
12/13/2016 3:30:00 AM	451800.000	67.897	15.384
152.944	41416.578	50734.832	33.336
34.500	24.145	1.025	14.783
12/13/2016 3:45:00 AM	452700.000	67.902	15.383
152.955	41415.215	50734.840	33.336
34.500	24.146	1.025	14.780
12/13/2016 4:00:00 AM	453600.000	67.880	15.385
152.905	41444.590	50768.406	33.361
34.523	24.129	1.025	14.780
12/13/2016 4:15:00 AM	454500.000	67.903	15.385
152.957	41475.621	50806.523	33.389
34.548	24.111	1.025	14.780
12/13/2016 4:30:00 AM	455400.000	67.904	15.383
152.960	41395.809	50710.543	33.318
34.483	24.157	1.025	14.774
12/13/2016 4:45:00 AM	456300.000	67.907	15.384
152.967	41439.555	50762.879	33.357
34.519	24.132	1.025	14.777
12/13/2016 5:00:00 AM	457200.000	67.921	15.385
152.998	41386.168	50695.789	33.308
34.473	24.163	1.025	14.775
12/13/2016 5:15:00 AM	458100.000	67.925	15.386
153.008	41419.867	50736.336	33.337
34.501	24.143	1.025	14.776
12/13/2016 5:30:00 AM	459000.000	67.936	15.385
153.033	41412.215	50727.922	33.331
34.495	24.147	1.025	14.776
12/13/2016 5:45:00 AM	459900.000	67.948	15.385
153.060	41470.395	50799.500	33.384
34.544	24.114	1.025	14.773
12/13/2016 6:00:00 AM	460800.000	67.953	15.384
153.072	41398.379	50712.324	33.320
34.484	24.156	1.025	14.779
12/13/2016 6:15:00 AM	461700.000	67.970	15.384
153.110	41350.816	50653.852	33.277
34.445	24.183	1.025	14.777
12/13/2016 6:30:00 AM	462600.000	67.978	15.384

153.128	41457.508	50785.070	33.373
34.534	24.121	1.025	14.784
12/13/2016 6:45:00 AM	463500.000	67.996	15.384
153.167	41380.504	50690.949	33.304
34.470	24.166	1.025	14.781
12/13/2016 7:00:00 AM	464400.000	68.009	15.384
153.196	41422.680	50742.824	33.342
34.505	24.141	1.025	14.785
12/13/2016 7:15:00 AM	465300.000	68.025	15.382
153.232	41444.590	50771.559	33.363
34.525	24.129	1.025	14.786
12/13/2016 7:30:00 AM	466200.000	68.041	15.382
153.268	41455.234	50784.383	33.372
34.533	24.122	1.025	14.782
12/13/2016 7:45:00 AM	467100.000	68.053	15.382
153.296	41423.418	50746.156	33.344
34.507	24.141	1.025	14.790
12/13/2016 8:00:00 AM	468000.000	68.058	15.380
153.308	41380.238	50694.727	33.306
34.472	24.166	1.025	14.791
12/13/2016 8:15:00 AM	468900.000	68.089	15.380
153.378	41427.465	50752.781	33.349
34.512	24.139	1.025	14.794
12/13/2016 8:30:00 AM	469800.000	68.103	15.379
153.409	41390.277	50707.957	33.316
34.481	24.160	1.025	14.795
12/13/2016 8:45:00 AM	470700.000	68.105	15.379
153.414	41450.055	50782.031	33.370
34.532	24.125	1.025	14.812
12/13/2016 9:00:00 AM	471600.000	68.135	15.377
153.480	41409.578	50734.645	33.336
34.500	24.149	1.025	14.798
12/13/2016 9:15:00 AM	472500.000	68.147	15.376
153.508	41482.789	50825.496	33.402
34.561	24.106	1.025	14.809
12/13/2016 9:30:00 AM	473400.000	68.162	15.374
153.541	41418.074	50748.516	33.345
34.509	24.144	1.025	14.810
12/13/2016 9:45:00 AM	474300.000	68.175	15.373
153.570	41425.758	50758.563	33.353
34.516	24.140	1.025	14.804
12/13/2016 10:00:00 AM	475200.000	68.174	15.373
153.569	41425.355	50758.805	33.353
34.516	24.140	1.025	14.811
12/13/2016 10:15:00 AM	476100.000	68.189	15.371
153.603	41408.785	50741.219	33.340
34.504	24.149	1.025	14.811
12/13/2016 10:30:00 AM	477000.000	68.190	15.370
153.605	41396.387	50727.188	33.329
34.494	24.157	1.025	14.807
12/13/2016 10:45:00 AM	477900.000	68.164	15.368
153.546	41366.809	50692.516	33.304
34.471	24.174	1.025	14.813
12/13/2016 11:00:00 AM	478800.000	68.166	15.367
153.551	41324.945	50642.590	33.267
34.437	24.198	1.025	14.810

12/13/2016 11:15:00 AM	479700.000	68.166	15.368
153.550	41367.543	50693.941	33.305
34.472	24.174	1.025	14.803
12/13/2016 11:30:00 AM	480600.000	68.153	15.365
153.521	41401.570	50738.469	33.337
34.502	24.154	1.025	14.803
12/13/2016 11:45:00 AM	481500.000	68.163	15.366
153.543	41325.156	50644.711	33.269
34.438	24.198	1.025	14.796
12/13/2016 12:00:00 PM	482400.000	68.133	15.365
153.475	41340.254	50663.965	33.283
34.451	24.189	1.025	14.797
12/13/2016 12:15:00 PM	483300.000	68.122	15.363
153.452	41356.379	50685.711	33.299
34.466	24.180	1.025	14.790
12/13/2016 12:30:00 PM	484200.000	68.132	15.365
153.473	41409.488	50749.230	33.345
34.509	24.149	1.025	14.783
12/13/2016 12:45:00 PM	485100.000	68.119	15.365
153.444	41360.496	50689.090	33.301
34.469	24.178	1.025	14.782
12/13/2016 1:00:00 PM	486000.000	68.100	15.364
153.403	41644.766	51038.094	33.557
34.706	24.013	1.025	14.779
12/13/2016 1:15:00 PM	486900.000	68.074	15.365
153.344	41417.004	50758.344	33.352
34.516	24.145	1.025	14.778
12/13/2016 1:30:00 PM	487800.000	68.058	15.364
153.308	41358.504	50687.262	33.300
34.467	24.179	1.025	14.780
12/13/2016 1:45:00 PM	488700.000	68.061	15.365
153.313	41342.492	50666.809	33.285
34.453	24.188	1.025	14.770
12/13/2016 2:00:00 PM	489600.000	68.053	15.365
153.296	41334.012	50656.207	33.277
34.446	24.193	1.025	14.766
12/13/2016 2:15:00 PM	490500.000	68.039	15.367
153.265	41302.082	50615.074	33.247
34.418	24.212	1.025	14.780
12/13/2016 2:30:00 PM	491400.000	68.028	15.366
153.239	41315.879	50633.145	33.260
34.431	24.204	1.025	14.778
12/13/2016 2:45:00 PM	492300.000	68.014	15.366
153.208	41282.922	50592.133	33.230
34.403	24.223	1.025	14.777
12/13/2016 3:00:00 PM	493200.000	67.993	15.367
153.160	41299.129	50610.953	33.244
34.415	24.214	1.025	14.776
12/13/2016 3:15:00 PM	494100.000	67.985	15.367
153.142	41313.789	50629.008	33.257
34.428	24.205	1.025	14.770
12/13/2016 3:30:00 PM	495000.000	67.976	15.369
153.122	41356.977	50679.629	33.295
34.462	24.180	1.025	14.769
12/13/2016 3:45:00 PM	495900.000	67.953	15.369
153.070	41315.195	50628.227	33.257

34.427	24.204	1.025	14.773
12/13/2016 4:00:00 PM	496800.000	67.940	15.371
153.041	41327.629	50641.469	33.267
34.436	24.197	1.025	14.771
12/13/2016 4:15:00 PM	497700.000	67.930	15.371
153.018	41334.813	50650.578	33.273
34.442	24.193	1.025	14.771
12/13/2016 4:30:00 PM	498600.000	67.923	15.371
153.002	41320.043	50631.434	33.259
34.429	24.201	1.025	14.769
12/13/2016 4:45:00 PM	499500.000	67.917	15.372
152.989	41312.332	50621.684	33.252
34.423	24.206	1.025	14.767
12/13/2016 5:00:00 PM	500400.000	67.913	15.373
152.981	41305.215	50611.387	33.245
34.416	24.210	1.025	14.766
12/13/2016 5:15:00 PM	501300.000	67.907	15.375
152.968	41317.254	50624.359	33.254
34.425	24.203	1.025	14.767
12/13/2016 5:30:00 PM	502200.000	67.908	15.375
152.969	41314.824	50620.859	33.252
34.422	24.204	1.025	14.761
12/13/2016 5:45:00 PM	503100.000	67.888	15.376
152.924	41267.723	50562.098	33.209
34.382	24.232	1.025	14.774
12/13/2016 6:00:00 PM	504000.000	67.884	15.375
152.915	41255.281	50548.012	33.198
34.373	24.239	1.025	14.771
12/13/2016 6:15:00 PM	504900.000	67.889	15.376
152.927	41277.992	50573.949	33.218
34.390	24.226	1.025	14.772
12/13/2016 6:30:00 PM	505800.000	67.885	15.377
152.918	41275.645	50570.449	33.215
34.388	24.227	1.025	14.775
12/13/2016 6:45:00 PM	506700.000	67.883	15.379
152.914	41288.129	50583.957	33.225
34.397	24.220	1.025	14.774
12/13/2016 7:00:00 PM	507600.000	67.892	15.378
152.933	41317.906	50620.668	33.252
34.422	24.203	1.025	14.774
12/13/2016 7:15:00 PM	508500.000	67.895	15.378
152.940	41282.645	50577.664	33.220
34.393	24.223	1.025	14.775
12/13/2016 7:30:00 PM	509400.000	67.900	15.379
152.951	41273.613	50565.441	33.212
34.385	24.229	1.025	14.768
12/13/2016 7:45:00 PM	510300.000	67.900	15.381
152.952	41311.852	50610.625	33.245
34.415	24.206	1.025	14.773
12/13/2016 8:00:00 PM	511200.000	67.900	15.380
152.951	41298.836	50595.199	33.233
34.405	24.214	1.025	14.777
12/13/2016 8:15:00 PM	512100.000	67.910	15.380
152.974	41263.027	50551.238	33.201
34.375	24.235	1.025	14.777
12/13/2016 8:30:00 PM	513000.000	67.914	15.381

152.982	41224.250	50502.777	33.166
34.342	24.258	1.024	14.777
12/13/2016 8:45:00 PM	513900.000	67.930	15.382
153.020	41238.484	50519.180	33.178
34.353	24.249	1.024	14.776
12/13/2016 9:00:00 PM	514800.000	67.932	15.382
153.023	41230.082	50509.082	33.170
34.346	24.254	1.024	14.781
12/13/2016 9:15:00 PM	515700.000	67.943	15.381
153.049	41257.512	50543.012	33.195
34.369	24.238	1.024	14.776
12/13/2016 9:30:00 PM	516600.000	67.945	15.382
153.053	41232.395	50511.293	33.172
34.348	24.253	1.024	14.777
12/13/2016 9:45:00 PM	517500.000	67.948	15.382
153.060	41278.738	50568.590	33.214
34.387	24.226	1.025	14.779
12/13/2016 10:00:00 PM	518400.000	67.957	15.382
153.081	41291.148	50583.793	33.225
34.397	24.218	1.025	14.780
12/13/2016 10:15:00 PM	519300.000	67.938	15.383
153.037	41214.766	50489.184	33.156
34.333	24.263	1.024	14.793
12/13/2016 10:30:00 PM	520200.000	67.968	15.382
153.104	41254.629	50539.379	33.193
34.367	24.240	1.024	14.786
12/13/2016 10:45:00 PM	521100.000	67.960	15.381
153.087	41127.852	50384.898	33.079
34.262	24.314	1.024	14.793
12/13/2016 11:00:00 PM	522000.000	67.974	15.381
153.119	41223.594	50501.871	33.165
34.341	24.258	1.024	14.785
12/13/2016 11:15:00 PM	522900.000	67.979	15.382
153.129	41215.266	50490.832	33.157
34.334	24.263	1.024	14.777
12/13/2016 11:30:00 PM	523800.000	67.974	15.381
153.117	41119.691	50375.000	33.072
34.255	24.319	1.024	14.785
12/13/2016 11:45:00 PM	524700.000	67.978	15.381
153.128	41178.586	50446.527	33.125
34.304	24.284	1.024	14.778
12/14/2016 12:00:00 AM	525600.000	67.965	15.381
153.099	41208.563	50483.656	33.152
34.329	24.267	1.024	14.787
12/14/2016 12:15:00 AM	526500.000	67.950	15.380
153.064	41179.270	50448.930	33.126
34.305	24.284	1.024	14.782
12/14/2016 12:30:00 AM	527400.000	67.957	15.380
153.081	41204.777	50479.770	33.149
34.326	24.269	1.024	14.784
12/14/2016 12:45:00 AM	528300.000	67.957	15.381
153.080	41086.824	50334.949	33.043
34.228	24.339	1.024	14.783
12/14/2016 1:00:00 AM	529200.000	67.956	15.380
153.078	41207.203	50482.848	33.151
34.328	24.268	1.024	14.776

12/14/2016 1:15:00 AM	530100.000	67.959	15.380
153.085	41108.684	50362.871	33.063
34.247	24.326	1.024	14.767
12/14/2016 1:30:00 AM	531000.000	67.948	15.379
153.060	41099.957	50353.113	33.056
34.240	24.331	1.024	14.775
12/14/2016 1:45:00 AM	531900.000	67.948	15.380
153.060	41120.535	50376.762	33.073
34.256	24.319	1.024	14.770
12/14/2016 2:00:00 AM	532800.000	67.932	15.379
153.024	41043.832	50284.461	33.006
34.193	24.364	1.024	14.776
12/14/2016 2:15:00 AM	533700.000	67.908	15.381
152.969	41078.926	50324.438	33.035
34.221	24.343	1.024	14.779
12/14/2016 2:30:00 AM	534600.000	67.934	15.380
153.027	41146.648	50408.555	33.097
34.278	24.303	1.024	14.779
12/14/2016 2:45:00 AM	535500.000	67.935	15.380
153.029	41205.395	50480.406	33.149
34.327	24.269	1.024	14.780
12/14/2016 3:00:00 AM	536400.000	67.928	15.380
153.014	41156.605	50420.859	33.106
34.286	24.297	1.024	14.779
12/14/2016 3:15:00 AM	537300.000	67.930	15.380
153.019	41213.754	50491.270	33.157
34.334	24.264	1.024	14.779
12/14/2016 3:30:00 AM	538200.000	67.923	15.379
153.002	41163.824	50430.523	33.113
34.293	24.293	1.024	14.783
12/14/2016 3:45:00 AM	539100.000	67.921	15.381
152.998	41106.137	50358.395	33.060
34.244	24.327	1.024	14.778
12/14/2016 4:00:00 AM	540000.000	67.924	15.381
153.006	41088.785	50337.137	33.044
34.229	24.338	1.024	14.767
12/14/2016 4:15:00 AM	540900.000	67.925	15.381
153.008	41115.547	50369.922	33.068
34.252	24.322	1.024	14.767
12/14/2016 4:30:00 AM	541800.000	67.929	15.381
153.017	41120.438	50375.391	33.072
34.255	24.319	1.024	14.763
12/14/2016 4:45:00 AM	542700.000	67.933	15.382
153.027	41173.223	50439.012	33.119
34.299	24.288	1.024	14.755
12/14/2016 5:00:00 AM	543600.000	67.924	15.381
153.006	41116.828	50371.395	33.069
34.253	24.321	1.024	14.757
12/14/2016 5:15:00 AM	544500.000	67.909	15.381
152.971	41085.043	50332.555	33.041
34.226	24.340	1.024	14.763
12/14/2016 5:30:00 AM	545400.000	67.937	15.383
153.034	41114.473	50366.223	33.066
34.249	24.322	1.024	14.758
12/14/2016 5:45:00 AM	546300.000	67.940	15.380
153.041	41070.746	50315.566	33.029

34.215	24.348	1.024	14.762
12/14/2016 6:00:00 AM	547200.000	67.948	15.380
153.059	41076.977	50323.082	33.034
34.220	24.345	1.024	14.763
12/14/2016 6:15:00 AM	548100.000	67.964	15.381
153.095	41069.301	50312.953	33.027
34.213	24.349	1.024	14.760
12/14/2016 6:30:00 AM	549000.000	67.972	15.382
153.114	41096.398	50345.422	33.050
34.235	24.333	1.024	14.759
12/14/2016 6:45:00 AM	549900.000	67.980	15.382
153.132	41069.332	50312.059	33.026
34.212	24.349	1.024	14.764
12/14/2016 7:00:00 AM	550800.000	67.991	15.382
153.156	41102.047	50352.457	33.056
34.240	24.330	1.024	14.765
12/14/2016 7:15:00 AM	551700.000	67.983	15.380
153.138	41048.742	50288.395	33.009
34.196	24.361	1.024	14.769
12/14/2016 7:30:00 AM	552600.000	68.026	15.380
153.234	41088.520	50337.844	33.045
34.230	24.338	1.024	14.760
12/14/2016 7:45:00 AM	553500.000	68.038	15.379
153.262	41094.820	50346.508	33.051
34.236	24.334	1.024	14.759
12/14/2016 8:00:00 AM	554400.000	68.057	15.378
153.306	41069.582	50317.160	33.029
34.216	24.349	1.024	14.755
12/14/2016 8:15:00 AM	555300.000	68.068	15.378
153.331	41080.195	50329.848	33.039
34.224	24.343	1.024	14.761
12/14/2016 8:30:00 AM	556200.000	68.094	15.378
153.389	41101.301	50356.117	33.058
34.242	24.330	1.024	14.764
12/14/2016 8:45:00 AM	557100.000	68.113	15.375
153.432	41145.469	50413.238	33.100
34.281	24.304	1.024	14.761
12/14/2016 9:00:00 AM	558000.000	68.138	15.375
153.488	41084.836	50338.645	33.045
34.230	24.340	1.024	14.757
12/14/2016 9:15:00 AM	558900.000	68.135	15.374
153.480	41053.672	50301.609	33.018
34.205	24.358	1.024	14.777
12/14/2016 9:30:00 AM	559800.000	68.157	15.373
153.530	41083.711	50339.781	33.046
34.231	24.341	1.024	14.773
12/14/2016 9:45:00 AM	560700.000	68.163	15.374
153.545	41096.422	50353.992	33.056
34.241	24.333	1.024	14.775
12/14/2016 10:00:00 AM	561600.000	68.183	15.371
153.589	41284.352	50588.543	33.228
34.400	24.222	1.025	14.770
12/14/2016 10:15:00 AM	562500.000	68.181	15.369
153.583	41015.184	50260.168	32.987
34.177	24.381	1.024	14.773
12/14/2016 10:30:00 AM	563400.000	68.197	15.369

153.620	41085.543	50347.008	33.051
34.236	24.339	1.024	14.769
12/14/2016 10:45:00 AM	564300.000	68.200	15.367
153.627	41068.281	50327.723	33.036
34.223	24.350	1.024	14.774
12/14/2016 11:00:00 AM	565200.000	68.204	15.366
153.637	41006.191	50253.000	32.982
34.172	24.387	1.024	14.769
12/14/2016 11:15:00 AM	566100.000	68.183	15.367
153.589	41016.539	50265.266	32.991
34.180	24.380	1.024	14.768
12/14/2016 11:30:00 AM	567000.000	68.196	15.365
153.618	40993.398	50238.980	32.971
34.163	24.394	1.024	14.768
12/14/2016 11:45:00 AM	567900.000	68.171	15.363
153.563	40995.852	50243.961	32.975
34.166	24.393	1.024	14.766
12/14/2016 12:00:00 PM	568800.000	68.173	15.363
153.567	41034.680	50292.273	33.010
34.199	24.370	1.024	14.756
12/14/2016 12:15:00 PM	569700.000	68.186	15.361
153.595	41013.379	50267.418	32.992
34.182	24.382	1.024	14.757
12/14/2016 12:30:00 PM	570600.000	68.161	15.363
153.539	41044.500	50303.160	33.018
34.206	24.364	1.024	14.749
12/14/2016 12:45:00 PM	571500.000	68.160	15.361
153.537	41043.648	50304.828	33.019
34.207	24.364	1.024	14.750
12/14/2016 1:00:00 PM	572400.000	68.149	15.361
153.513	41002.555	50254.258	32.982
34.173	24.389	1.024	14.750
12/14/2016 1:15:00 PM	573300.000	68.135	15.360
153.482	41027.750	50286.484	33.006
34.195	24.374	1.024	14.751
12/14/2016 1:30:00 PM	574200.000	68.097	15.362
153.395	41033.004	50291.363	33.009
34.198	24.371	1.024	14.750
12/14/2016 1:45:00 PM	575100.000	68.083	15.360
153.365	41028.422	50287.203	33.006
34.195	24.373	1.024	14.747
12/14/2016 2:00:00 PM	576000.000	68.083	15.362
153.365	41031.824	50289.707	33.008
34.197	24.371	1.024	14.742
12/14/2016 2:15:00 PM	576900.000	68.067	15.363
153.327	41036.059	50293.238	33.011
34.199	24.369	1.024	14.743
12/14/2016 2:30:00 PM	577800.000	68.049	15.363
153.288	41027.523	50283.406	33.004
34.193	24.374	1.024	14.747
12/14/2016 2:45:00 PM	578700.000	68.020	15.364
153.222	40982.414	50226.871	32.962
34.154	24.401	1.024	14.740
12/14/2016 3:00:00 PM	579600.000	68.006	15.363
153.191	41001.008	50250.379	32.979
34.170	24.390	1.024	14.747

12/14/2016 3:15:00 PM	580500.000	68.025	15.364
153.232	40982.813	50227.359	32.963
34.155	24.400	1.024	14.736
12/14/2016 3:30:00 PM	581400.000	68.001	15.363
153.178	41017.270	50270.840	32.994
34.184	24.380	1.024	14.742
12/14/2016 3:45:00 PM	582300.000	67.974	15.365
153.119	41017.801	50268.258	32.993
34.182	24.380	1.024	14.736
12/14/2016 4:00:00 PM	583200.000	67.960	15.365
153.086	41001.391	50248.254	32.978
34.169	24.389	1.024	14.731
12/14/2016 4:15:00 PM	584100.000	67.956	15.367
153.079	41017.066	50265.293	32.991
34.180	24.380	1.024	14.744
12/14/2016 4:30:00 PM	585000.000	67.929	15.368
153.017	41006.699	50251.746	32.981
34.171	24.386	1.024	14.739
12/14/2016 4:45:00 PM	585900.000	67.937	15.368
153.035	41021.969	50269.938	32.994
34.184	24.377	1.024	14.736
12/14/2016 5:00:00 PM	586800.000	67.925	15.369
153.007	40997.395	50239.516	32.972
34.163	24.392	1.024	14.738
12/14/2016 5:15:00 PM	587700.000	67.909	15.370
152.972	41024.965	50271.016	32.995
34.184	24.375	1.024	14.740
12/14/2016 5:30:00 PM	588600.000	67.899	15.371
152.950	41023.641	50268.969	32.994
34.183	24.376	1.024	14.740
12/14/2016 5:45:00 PM	589500.000	67.894	15.372
152.937	41021.727	50265.277	32.991
34.180	24.377	1.024	14.738
12/14/2016 6:00:00 PM	590400.000	67.868	15.372
152.879	40990.352	50226.516	32.963
34.154	24.396	1.024	14.741
12/14/2016 6:15:00 PM	591300.000	67.875	15.372
152.896	40980.098	50213.746	32.953
34.145	24.402	1.024	14.739
12/14/2016 6:30:00 PM	592200.000	67.878	15.374
152.901	41006.934	50245.285	32.977
34.167	24.386	1.024	14.737
12/14/2016 6:45:00 PM	593100.000	67.875	15.374
152.895	41013.781	50253.039	32.982
34.172	24.382	1.024	14.737
12/14/2016 7:00:00 PM	594000.000	67.854	15.376
152.847	40993.297	50226.184	32.963
34.154	24.394	1.024	14.736
12/14/2016 7:15:00 PM	594900.000	67.870	15.376
152.884	40987.570	50218.223	32.957
34.148	24.398	1.024	14.742
12/14/2016 7:30:00 PM	595800.000	67.874	15.377
152.892	40980.691	50209.391	32.950
34.142	24.402	1.024	14.732
12/14/2016 7:45:00 PM	596700.000	67.874	15.377
152.892	40996.367	50227.863	32.964

34.155	24.392	1.024	14.733
12/14/2016 8:00:00 PM	597600.000	67.874	15.378
152.894	40997.297	50228.285	32.964
34.155	24.392	1.024	14.730
12/14/2016 8:15:00 PM	598500.000	67.883	15.378
152.913	40948.363	50168.742	32.921
34.115	24.421	1.024	14.730
12/14/2016 8:30:00 PM	599400.000	67.882	15.379
152.911	40972.613	50196.789	32.941
34.134	24.407	1.024	14.735
12/14/2016 8:45:00 PM	600300.000	67.891	15.380
152.931	40996.727	50225.297	32.962
34.153	24.392	1.024	14.736
12/14/2016 9:00:00 PM	601200.000	67.887	15.380
152.921	41036.402	50273.602	32.998
34.186	24.369	1.024	14.746
12/14/2016 9:15:00 PM	602100.000	67.894	15.381
152.938	40955.602	50173.762	32.925
34.118	24.417	1.024	14.743
12/14/2016 9:30:00 PM	603000.000	67.903	15.380
152.958	40976.367	50199.945	32.944
34.136	24.404	1.024	14.743
12/14/2016 9:45:00 PM	603900.000	67.911	15.382
152.977	40946.379	50160.809	32.915
34.109	24.422	1.024	14.743
12/14/2016 10:00:00 PM	604800.000	67.918	15.381
152.991	40941.461	50156.652	32.912
34.107	24.425	1.024	14.744
12/14/2016 10:15:00 PM	605700.000	67.928	15.382
153.014	40971.418	50192.105	32.938
34.131	24.407	1.024	14.744
12/14/2016 10:30:00 PM	606600.000	67.935	15.381
153.031	40922.969	50133.176	32.895
34.091	24.436	1.024	14.738
12/14/2016 10:45:00 PM	607500.000	67.930	15.382
153.018	40982.633	50205.324	32.948
34.140	24.401	1.024	14.745
12/14/2016 11:00:00 PM	608400.000	67.937	15.382
153.034	40892.832	50095.836	32.868
34.065	24.454	1.024	14.742
12/14/2016 11:15:00 PM	609300.000	67.941	15.382
153.043	40911.332	50117.980	32.884
34.080	24.443	1.024	14.742
12/14/2016 11:30:00 PM	610200.000	67.934	15.382
153.027	40890.164	50092.254	32.865
34.063	24.456	1.024	14.741
12/14/2016 11:45:00 PM	611100.000	67.945	15.381
153.053	40914.992	50124.012	32.888
34.084	24.441	1.024	14.744

Report Date: 12/19/2016 10:28:44 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-1S LT Test_2016-12-15_10-49-47-491.wsl
Create Date: 12/15/2016 10:49:44 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

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

4/21/2016 10:34:29 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:30:00 AM
4/28/2016 11:02:06 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:00:00 AM
5/5/2016 12:37:13 PM Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 4:00:09 PM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 4:45:00 PM
5/19/2016 4:34:29 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:30:00 PM
5/26/2016 2:16:52 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:15:00 PM
6/2/2016 2:25:53 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:57:13 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 5:37:24 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 6:30:00 PM
6/23/2016 5:37:01 PM Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 5:30:00 PM
6/30/2016 3:09:09 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 6/22/2016 12:00:00 PM Stop Time: 6/30/2016 5:45:00 PM
6/30/2016 3:47:57 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 6/29/2016 12:00:00 PM Stop Time: 6/30/2016 3:45:00 PM
7/1/2016 9:20:26 AM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 9:15:00 AM
7/8/2016 9:19:17 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 10:00:00 AM
7/14/2016 12:44:20 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 1:30:00 PM
7/21/2016 1:52:40 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 1:45:00 PM
7/28/2016 2:44:42 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 3:30:00 PM
8/4/2016 12:08:13 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:56:30 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:17:02 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 12:00:00 PM
8/25/2016 4:34:43 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:30:00 PM
9/1/2016 1:17:51 PM Log Download - Used Battery: 17% Used Memory: 39% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:15:00 PM
9/8/2016 11:31:16 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 12:15:00 PM
9/15/2016 6:31:56 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:30:00 PM
9/22/2016 3:44:50 PM Log Download - Used Battery: 19% Used Memory: 40% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:30:00 PM
10/2/2016 8:30:18 AM Log Download - Used Battery: 19% Used Memory: 42% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:15:00 AM
10/7/2016 6:21:22 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:15:00 PM
10/13/2016 1:26:25 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper Interval -

Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 1:15:00 PM
10/20/2016 12:17:54 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 12:15:00 PM
10/27/2016 9:50:30 AM Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:45:00 AM
11/3/2016 9:19:50 AM Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:15:00 AM
11/10/2016 10:45:56 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 10:45:00 AM
11/17/2016 8:39:36 AM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 8:30:00 AM
11/24/2016 4:03:34 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 12:21:33 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:15:00 PM
12/8/2016 12:37:22 PM Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 12:30:00 PM
12/15/2016 10:48:17 AM Log Download - Used Battery: 23% Used Memory: 51% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 10:45:00 AM

Log Data:
Record Count: 723
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)
12/8/2016 12:00:00 AM	7200.000	19.198	14.624	43.245	40969.109	51094.680	33.538	34744.383	24.409	1.025
12/8/2016 12:15:00 AM	8100.000	19.193	14.624	43.235	40965.195	51089.902	33.535	34741.133	24.411	1.025
12/8/2016 12:30:00 AM	9000.000	19.194	14.625	43.236	40961.320	51084.215	33.531	34737.266	24.413	1.025
12/8/2016 12:45:00 AM	9900.000	19.186	14.625	43.219	40971.680	51097.551	33.541	34746.336	24.407	1.025
12/8/2016 1:00:00 AM	10800.000	19.183	14.625							

43.212	40964.797	51088.762	33.534
34740.359	24.411	1.025	
12/8/2016 1:15:00 AM	11700.000	19.180	14.626
43.205	40998.719	51129.773	33.564
34768.250	24.391	1.025	
12/8/2016 1:30:00 AM	12600.000	19.180	14.625
43.206	40975.043	51100.891	33.543
34748.609	24.405	1.025	
12/8/2016 1:45:00 AM	13500.000	19.175	14.626
43.194	40975.469	51100.996	33.543
34748.676	24.405	1.025	
12/8/2016 2:00:00 AM	14400.000	19.162	14.627
43.165	40998.578	51128.738	33.564
34767.543	24.391	1.025	
12/8/2016 2:15:00 AM	15300.000	19.165	14.626
43.171	40970.441	51094.625	33.538
34744.348	24.408	1.025	
12/8/2016 2:30:00 AM	16200.000	19.165	14.627
43.171	40988.465	51115.898	33.554
34758.816	24.397	1.025	
12/8/2016 2:45:00 AM	17100.000	19.157	14.627
43.154	40996.680	51125.941	33.562
34765.645	24.392	1.025	
12/8/2016 3:00:00 AM	18000.000	19.156	14.627
43.151	41001.887	51132.434	33.566
34770.059	24.389	1.025	
12/8/2016 3:15:00 AM	18900.000	19.153	14.627
43.145	40992.070	51120.824	33.558
34762.160	24.395	1.025	
12/8/2016 3:30:00 AM	19800.000	19.151	14.628
43.140	40930.875	51042.672	33.501
34709.020	24.431	1.025	
12/8/2016 3:45:00 AM	20700.000	19.154	14.628
43.147	40974.676	51097.090	33.540
34746.020	24.405	1.025	
12/8/2016 4:00:00 AM	21600.000	19.150	14.627
43.138	40940.227	51055.195	33.510
34717.531	24.426	1.025	
12/8/2016 4:15:00 AM	22500.000	19.146	14.628
43.129	40989.215	51115.762	33.554
34758.719	24.397	1.025	
12/8/2016 4:30:00 AM	23400.000	19.155	14.627
43.148	41004.145	51134.703	33.568
34771.598	24.388	1.025	
12/8/2016 4:45:00 AM	24300.000	19.148	14.629
43.132	41003.098	51131.445	33.566
34769.387	24.388	1.025	
12/8/2016 5:00:00 AM	25200.000	19.145	14.629
43.126	40982.863	51105.898	33.547
34752.016	24.400	1.025	
12/8/2016 5:15:00 AM	26100.000	19.149	14.630
43.134	40980.172	51101.996	33.544
34749.359	24.402	1.025	
12/8/2016 5:30:00 AM	27000.000	19.144	14.630
43.123	40975.109	51095.684	33.540

34745.066 24.405 1.025
12/8/2016 5:45:00 AM 27900.000 19.148 14.630
43.133 40952.195 51067.230 33.519
34725.719 24.419 1.025
12/8/2016 6:00:00 AM 28800.000 19.151 14.630
43.139 41000.691 51126.727 33.562
34766.180 24.390 1.025
12/8/2016 6:15:00 AM 29700.000 19.148 14.630
43.132 40973.531 51092.859 33.538
34743.145 24.406 1.025
12/8/2016 6:30:00 AM 30600.000 19.163 14.630
43.166 40984.691 51107.090 33.548
34752.824 24.399 1.025
12/8/2016 6:45:00 AM 31500.000 19.162 14.630
43.165 40954.551 51069.293 33.520
34727.125 24.417 1.025
12/8/2016 7:00:00 AM 32400.000 19.170 14.631
43.182 40959.895 51075.625 33.525
34731.426 24.414 1.025
12/8/2016 7:15:00 AM 33300.000 19.170 14.632
43.183 41004.531 51130.000 33.565
34768.398 24.388 1.025
12/8/2016 7:30:00 AM 34200.000 19.173 14.630
43.188 40978.992 51099.668 33.543
34747.777 24.403 1.025
12/8/2016 7:45:00 AM 35100.000 19.178 14.630
43.201 40962.117 51079.480 33.528
34734.047 24.413 1.025
12/8/2016 8:00:00 AM 36000.000 19.179 14.630
43.203 40998.082 51123.578 33.560
34764.039 24.391 1.025
12/8/2016 8:15:00 AM 36900.000 19.180 14.630
43.205 41010.336 51138.754 33.571
34774.352 24.384 1.025
12/8/2016 8:30:00 AM 37800.000 19.191 14.631
43.230 40993.352 51117.023 33.555
34759.578 24.394 1.025
12/8/2016 8:45:00 AM 38700.000 19.193 14.631
43.234 41012.859 51141.574 33.573
34776.273 24.383 1.025
12/8/2016 9:00:00 AM 39600.000 19.201 14.630
43.252 41012.645 51141.633 33.573
34776.313 24.383 1.025
12/8/2016 9:15:00 AM 40500.000 19.198 14.630
43.246 40989.402 51112.754 33.552
34756.672 24.397 1.025
12/8/2016 9:30:00 AM 41400.000 19.206 14.630
43.263 41009.898 51138.949 33.571
34774.488 24.384 1.025
12/8/2016 9:45:00 AM 42300.000 19.204 14.631
43.259 40976.793 51096.805 33.540
34745.832 24.404 1.025
12/8/2016 10:00:00 AM 43200.000 19.203 14.630
43.257 40994.352 51119.137 33.557
34761.012 24.394 1.025

12/8/2016 10:15:00 AM	44100.000	19.203	14.631
43.256	40998.133	51123.102	33.560
34763.715	24.391	1.025	
12/8/2016 10:30:00 AM	45000.000	19.210	14.630
43.273	40990.344	51114.801	33.554
34758.066	24.396	1.025	
12/8/2016 10:45:00 AM	45900.000	19.202	14.631
43.254	40980.684	51101.344	33.544
34748.918	24.402	1.025	
12/8/2016 11:00:00 AM	46800.000	19.200	14.630
43.249	40999.840	51126.520	33.562
34766.035	24.390	1.025	
12/8/2016 11:15:00 AM	47700.000	19.200	14.630
43.249	41004.309	51131.555	33.566
34769.457	24.388	1.025	
12/8/2016 11:30:00 AM	48600.000	19.200	14.630
43.249	40985.793	51108.254	33.549
34753.617	24.399	1.025	
12/8/2016 11:45:00 AM	49500.000	19.193	14.631
43.234	40966.023	51083.172	33.531
34736.563	24.410	1.025	
12/8/2016 12:00:00 PM	50400.000	19.190	14.632
43.227	40957.660	51071.656	33.522
34728.730	24.415	1.025	
12/8/2016 12:15:00 PM	51300.000	19.180	14.630
43.205	40966.406	51084.512	33.531
34737.469	24.410	1.025	
12/8/2016 12:30:00 PM	52200.000	19.179	14.631
43.202	40970.105	51088.152	33.534
34739.949	24.408	1.025	
12/8/2016 12:45:00 PM	53100.000	19.180	14.631
43.204	40988.164	51110.242	33.550
34754.965	24.397	1.025	
12/8/2016 1:00:00 PM	54000.000	19.171	14.631
43.184	40983.145	51103.871	33.546
34750.633	24.400	1.025	
12/8/2016 1:15:00 PM	54900.000	19.163	14.631
43.166	40965.531	51082.020	33.530
34735.773	24.411	1.025	
12/8/2016 1:30:00 PM	55800.000	19.158	14.632
43.155	40963.996	51079.129	33.528
34733.809	24.412	1.025	
12/8/2016 1:45:00 PM	56700.000	19.157	14.631
43.152	40991.008	51114.324	33.553
34757.742	24.396	1.025	
12/8/2016 2:00:00 PM	57600.000	19.154	14.632
43.146	40979.074	51098.043	33.542
34746.668	24.403	1.025	
12/8/2016 2:15:00 PM	58500.000	19.145	14.631
43.126	40942.074	51052.453	33.508
34715.668	24.425	1.025	
12/8/2016 2:30:00 PM	59400.000	19.144	14.632
43.123	40967.895	51083.680	33.531
34736.902	24.409	1.025	
12/8/2016 2:45:00 PM	60300.000	19.148	14.632

43.133	40976.711	51095.207	33.539
34744.742	24.404	1.025	
12/8/2016 3:00:00 PM	61200.000	19.143	14.633
43.121	40999.867	51122.770	33.560
34763.484	24.390	1.025	
12/8/2016 3:15:00 PM	62100.000	19.140	14.632
43.115	40987.285	51107.957	33.549
34753.410	24.398	1.025	
12/8/2016 3:30:00 PM	63000.000	19.142	14.632
43.119	40972.617	51089.332	33.535
34740.750	24.407	1.025	
12/8/2016 3:45:00 PM	63900.000	19.139	14.634
43.112	41003.105	51126.055	33.562
34765.719	24.388	1.025	
12/8/2016 4:00:00 PM	64800.000	19.132	14.633
43.097	40968.766	51083.789	33.531
34736.977	24.409	1.025	
12/8/2016 4:15:00 PM	65700.000	19.140	14.633
43.114	40964.633	51078.516	33.527
34733.391	24.411	1.025	
12/8/2016 4:30:00 PM	66600.000	19.140	14.633
43.115	40967.469	51081.941	33.530
34735.723	24.410	1.025	
12/8/2016 4:45:00 PM	67500.000	19.140	14.634
43.114	40971.836	51086.754	33.533
34738.996	24.407	1.025	
12/8/2016 5:00:00 PM	68400.000	19.137	14.633
43.108	40987.820	51107.109	33.548
34752.840	24.397	1.025	
12/8/2016 5:15:00 PM	69300.000	19.139	14.634
43.112	40974.461	51090.242	33.536
34741.363	24.405	1.025	
12/8/2016 5:30:00 PM	70200.000	19.138	14.633
43.111	40979.332	51096.527	33.541
34745.645	24.403	1.025	
12/8/2016 5:45:00 PM	71100.000	19.141	14.634
43.117	40972.199	51086.555	33.533
34738.859	24.407	1.025	
12/8/2016 6:00:00 PM	72000.000	19.139	14.634
43.113	40990.191	51108.777	33.550
34753.973	24.396	1.025	
12/8/2016 6:15:00 PM	72900.000	19.142	14.635
43.119	40950.160	51058.438	33.513
34719.742	24.420	1.025	
12/8/2016 6:30:00 PM	73800.000	19.141	14.635
43.117	40969.012	51081.707	33.530
34735.566	24.409	1.025	
12/8/2016 6:45:00 PM	74700.000	19.142	14.634
43.119	40980.527	51097.043	33.541
34745.992	24.402	1.025	
12/8/2016 7:00:00 PM	75600.000	19.145	14.635
43.126	41001.754	51122.980	33.560
34763.629	24.389	1.025	
12/8/2016 7:15:00 PM	76500.000	19.147	14.635
43.131	40964.480	51076.609	33.526

34732.094	24.411	1.025	
12/8/2016 7:30:00 PM	77400.000	19.147	14.634
43.131	40965.504	51078.535	33.527
34733.402	24.411	1.025	
12/8/2016 7:45:00 PM	78300.000	19.149	14.635
43.136	41004.445	51125.688	33.562
34765.469	24.388	1.025	
12/8/2016 8:00:00 PM	79200.000	19.145	14.634
43.126	40949.691	51058.922	33.513
34720.070	24.420	1.025	
12/8/2016 8:15:00 PM	80100.000	19.144	14.635
43.124	40961.125	51071.875	33.523
34728.879	24.413	1.025	
12/8/2016 8:30:00 PM	81000.000	19.142	14.636
43.118	40988.324	51105.148	33.547
34751.504	24.397	1.025	
12/8/2016 8:45:00 PM	81900.000	19.142	14.634
43.119	40992.969	51112.352	33.552
34756.402	24.394	1.025	
12/8/2016 9:00:00 PM	82800.000	19.140	14.635
43.114	41015.520	51140.031	33.573
34775.223	24.381	1.025	
12/8/2016 9:15:00 PM	83700.000	19.134	14.635
43.102	40983.359	51099.281	33.543
34747.512	24.400	1.025	
12/8/2016 9:30:00 PM	84600.000	19.134	14.635
43.102	40977.609	51092.113	33.537
34742.637	24.404	1.025	
12/8/2016 9:45:00 PM	85500.000	19.128	14.636
43.088	41013.586	51136.434	33.570
34772.773	24.382	1.025	
12/8/2016 10:00:00 PM	86400.000	19.126	14.635
43.084	41012.867	51136.625	33.570
34772.906	24.383	1.025	
12/8/2016 10:15:00 PM	87300.000	19.121	14.635
43.073	40955.887	51065.344	33.518
34724.434	24.417	1.025	
12/8/2016 10:30:00 PM	88200.000	19.121	14.635
43.072	40940.980	51046.332	33.504
34711.508	24.425	1.025	
12/8/2016 10:45:00 PM	89100.000	19.113	14.636
43.055	40937.195	51040.426	33.500
34707.488	24.428	1.025	
12/8/2016 11:00:00 PM	90000.000	19.110	14.636
43.047	40952.941	51060.598	33.514
34721.211	24.418	1.025	
12/8/2016 11:15:00 PM	90900.000	19.112	14.637
43.052	40950.863	51056.504	33.512
34718.422	24.420	1.025	
12/8/2016 11:30:00 PM	91800.000	19.105	14.636
43.035	40992.273	51109.637	33.550
34754.555	24.395	1.025	
12/8/2016 11:45:00 PM	92700.000	19.103	14.636
43.031	40993.027	51110.578	33.551
34755.195	24.394	1.025	

12/9/2016 12:00:00 AM	93600.000	19.097	14.636
43.018	40976.035	51088.750	33.535
34740.352	24.405	1.025	
12/9/2016 12:15:00 AM	94500.000	19.101	14.636
43.026	40995.859	51113.672	33.553
34757.297	24.393	1.025	
12/9/2016 12:30:00 AM	95400.000	19.093	14.637
43.009	40964.406	51073.387	33.524
34729.902	24.411	1.025	
12/9/2016 12:45:00 AM	96300.000	19.097	14.637
43.018	40994.262	51110.395	33.551
34755.074	24.394	1.025	
12/9/2016 1:00:00 AM	97200.000	19.091	14.637
43.004	40993.844	51110.090	33.551
34754.863	24.394	1.025	
12/9/2016 1:15:00 AM	98100.000	19.087	14.637
42.995	40998.875	51116.363	33.555
34759.133	24.391	1.025	
12/9/2016 1:30:00 AM	99000.000	19.087	14.638
42.996	40964.617	51073.102	33.524
34729.715	24.411	1.025	
12/9/2016 1:45:00 AM	99900.000	19.089	14.638
42.999	40972.559	51083.004	33.531
34736.441	24.407	1.025	
12/9/2016 2:00:00 AM	100800.000	19.091	14.638
43.005	40983.168	51096.027	33.541
34745.305	24.400	1.025	
12/9/2016 2:15:00 AM	101700.000	19.087	14.638
42.995	40987.730	51101.176	33.544
34748.801	24.398	1.025	
12/9/2016 2:30:00 AM	102600.000	19.091	14.638
43.005	40972.816	51082.352	33.531
34736.000	24.406	1.025	
12/9/2016 2:45:00 AM	103500.000	19.090	14.638
43.002	41013.910	51133.918	33.568
34771.070	24.382	1.025	
12/9/2016 3:00:00 AM	104400.000	19.087	14.639
42.995	40958.355	51063.578	33.517
34723.234	24.415	1.025	
12/9/2016 3:15:00 AM	105300.000	19.090	14.638
43.002	40956.035	51061.660	33.515
34721.930	24.416	1.025	
12/9/2016 3:30:00 AM	106200.000	19.087	14.639
42.995	40969.555	51077.309	33.527
34732.570	24.408	1.025	
12/9/2016 3:45:00 AM	107100.000	19.083	14.639
42.985	41008.586	51126.750	33.563
34766.195	24.385	1.025	
12/9/2016 4:00:00 AM	108000.000	19.087	14.640
42.995	40990.227	51102.664	33.546
34749.813	24.396	1.025	
12/9/2016 4:15:00 AM	108900.000	19.087	14.639
42.996	40978.301	51088.336	33.535
34740.070	24.403	1.025	
12/9/2016 4:30:00 AM	109800.000	19.087	14.640

42.996	40980.898	51090.820	33.537
34741.762	24.402	1.025	
12/9/2016 4:45:00 AM	110700.000	19.092	14.640
43.007	40977.414	51086.590	33.534
34738.883	24.404	1.025	
12/9/2016 5:00:00 AM	111600.000	19.090	14.640
43.003	40937.988	51036.684	33.497
34704.949	24.427	1.025	
12/9/2016 5:15:00 AM	112500.000	19.093	14.640
43.008	40956.730	51060.152	33.514
34720.906	24.416	1.025	
12/9/2016 5:30:00 AM	113400.000	19.099	14.640
43.022	40917.324	51011.453	33.479
34687.789	24.440	1.025	
12/9/2016 5:45:00 AM	114300.000	19.099	14.641
43.022	40977.863	51086.063	33.533
34738.523	24.403	1.025	
12/9/2016 6:00:00 AM	115200.000	19.103	14.641
43.032	40941.180	51039.586	33.499
34706.922	24.425	1.025	
12/9/2016 6:15:00 AM	116100.000	19.103	14.641
43.032	40972.430	51079.289	33.528
34733.922	24.407	1.025	
12/9/2016 6:30:00 AM	117000.000	19.110	14.641
43.048	40960.617	51064.137	33.517
34723.613	24.414	1.025	
12/9/2016 6:45:00 AM	117900.000	19.123	14.641
43.076	40992.078	51103.469	33.546
34750.363	24.395	1.025	
12/9/2016 7:00:00 AM	118800.000	19.132	14.641
43.096	40975.563	51083.195	33.531
34736.574	24.405	1.025	
12/9/2016 7:15:00 AM	119700.000	19.137	14.640
43.109	40969.324	51075.965	33.526
34731.660	24.409	1.025	
12/9/2016 7:30:00 AM	120600.000	19.144	14.639
43.123	40960.246	51065.613	33.518
34724.617	24.414	1.025	
12/9/2016 7:45:00 AM	121500.000	19.144	14.640
43.124	40954.633	51058.289	33.513
34719.641	24.417	1.025	
12/9/2016 8:00:00 AM	122400.000	19.156	14.640
43.151	40983.707	51094.098	33.539
34743.988	24.400	1.025	
12/9/2016 8:15:00 AM	123300.000	19.156	14.639
43.151	40980.516	51091.098	33.537
34741.945	24.402	1.025	
12/9/2016 8:30:00 AM	124200.000	19.167	14.639
43.175	40976.773	51086.219	33.533
34738.633	24.404	1.025	
12/9/2016 8:45:00 AM	125100.000	19.174	14.639
43.191	41014.484	51133.984	33.568
34771.109	24.382	1.025	
12/9/2016 9:00:00 AM	126000.000	19.185	14.640
43.216	41000.086	51114.742	33.554

34758.027	24.390	1.025	
12/9/2016 9:15:00 AM	126900.000	19.190	14.639
43.227	40984.605	51096.406	33.541
34745.555	24.399	1.025	
12/9/2016 9:30:00 AM	127800.000	19.193	14.639
43.234	40990.258	51103.242	33.546
34750.207	24.396	1.025	
12/9/2016 9:45:00 AM	128700.000	19.187	14.638
43.221	40946.688	51049.898	33.507
34713.934	24.422	1.025	
12/9/2016 10:00:00 AM	129600.000	19.202	14.638
43.254	40983.641	51095.969	33.541
34745.258	24.400	1.025	
12/9/2016 10:15:00 AM	130500.000	19.198	14.638
43.245	41008.461	51127.023	33.563
34766.375	24.385	1.025	
12/9/2016 10:30:00 AM	131400.000	19.204	14.639
43.259	40954.297	51058.520	33.513
34719.797	24.417	1.025	
12/9/2016 10:45:00 AM	132300.000	19.201	14.639
43.253	40972.676	51081.859	33.530
34735.664	24.407	1.025	
12/9/2016 11:00:00 AM	133200.000	19.206	14.638
43.263	40986.949	51100.094	33.544
34748.066	24.398	1.025	
12/9/2016 11:15:00 AM	134100.000	19.197	14.638
43.243	40988.516	51102.047	33.545
34749.395	24.397	1.025	
12/9/2016 11:30:00 AM	135000.000	19.198	14.638
43.246	41023.879	51146.676	33.578
34779.738	24.376	1.025	
12/9/2016 11:45:00 AM	135900.000	19.197	14.638
43.243	40952.355	51057.813	33.513
34719.316	24.419	1.025	
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43.245	41003.059	51120.176	33.558
34761.719	24.388	1.025	
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43.221	40980.758	51094.527	33.539
34744.277	24.402	1.025	
12/9/2016 12:30:00 PM	138600.000	19.192	14.638
43.231	41001.305	51118.418	33.557
34760.523	24.389	1.025	
12/9/2016 12:45:00 PM	139500.000	19.183	14.639
43.213	40975.012	51084.891	33.532
34737.727	24.405	1.025	
12/9/2016 1:00:00 PM	140400.000	19.182	14.637
43.209	40990.020	51104.895	33.547
34751.332	24.396	1.025	
12/9/2016 1:15:00 PM	141300.000	19.176	14.638
43.197	40955.504	51060.766	33.515
34721.320	24.417	1.025	
12/9/2016 1:30:00 PM	142200.000	19.171	14.638
43.184	40943.980	51047.063	33.505
34712.004	24.424	1.025	

12/9/2016 1:45:00 PM	143100.000	19.162	14.637
43.165	40973.598	51084.633	33.532
34737.551	24.406	1.025	
12/9/2016 2:00:00 PM	144000.000	19.161	14.638
43.162	40989.699	51104.273	33.547
34750.906	24.396	1.025	
12/9/2016 2:15:00 PM	144900.000	19.156	14.638
43.151	40979.195	51090.965	33.537
34741.855	24.403	1.025	
12/9/2016 2:30:00 PM	145800.000	19.147	14.639
43.130	40976.410	51085.977	33.533
34738.469	24.404	1.025	
12/9/2016 2:45:00 PM	146700.000	19.147	14.638
43.130	40951.934	51056.547	33.512
34718.457	24.419	1.025	
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43.100	40982.297	51094.504	33.539
34744.262	24.401	1.025	
12/9/2016 3:15:00 PM	148500.000	19.134	14.639
43.100	40988.035	51100.348	33.544
34748.242	24.397	1.025	
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43.092	40989.563	51102.805	33.546
34749.910	24.396	1.025	
12/9/2016 3:45:00 PM	150300.000	19.125	14.639
43.081	40948.242	51051.074	33.508
34714.734	24.421	1.025	
12/9/2016 4:00:00 PM	151200.000	19.120	14.639
43.071	40984.195	51096.113	33.541
34745.359	24.400	1.025	
12/9/2016 4:15:00 PM	152100.000	19.119	14.640
43.067	40975.910	51084.816	33.532
34737.680	24.405	1.025	
12/9/2016 4:30:00 PM	153000.000	19.114	14.640
43.055	40972.816	51080.418	33.529
34734.684	24.406	1.025	
12/9/2016 4:45:00 PM	153900.000	19.113	14.641
43.055	40999.477	51112.691	33.553
34756.629	24.391	1.025	
12/9/2016 5:00:00 PM	154800.000	19.111	14.640
43.049	41034.324	51157.316	33.586
34786.980	24.370	1.025	
12/9/2016 5:15:00 PM	155700.000	19.111	14.640
43.049	40982.113	51092.227	33.538
34742.719	24.401	1.025	
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43.039	40974.801	51082.996	33.531
34736.438	24.405	1.025	
12/9/2016 5:45:00 PM	157500.000	19.106	14.640
43.039	41015.188	51133.141	33.568
34770.539	24.381	1.025	
12/9/2016 6:00:00 PM	158400.000	19.110	14.641
43.047	40976.918	51084.672	33.532
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12/9/2016 6:15:00 PM	159300.000	19.106	14.640

43.039 40977.711 51086.738 33.534
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12/9/2016 6:30:00 PM 160200.000 19.103 14.641
43.032 41000.977 51114.238 33.554
34757.688 24.390 1.025
12/9/2016 6:45:00 PM 161100.000 19.106 14.641
43.039 40980.371 51088.648 33.535
34740.285 24.402 1.025
12/9/2016 7:00:00 PM 162000.000 19.108 14.641
43.042 40988.844 51099.750 33.543
34747.832 24.397 1.025
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43.042 40962.672 51066.047 33.519
34724.914 24.412 1.025
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34707.305 24.425 1.025
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43.047 41008.074 51122.648 33.560
34763.406 24.385 1.025
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43.055 40970.523 51076.168 33.526
34731.797 24.408 1.025
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43.057 40990.352 51101.527 33.545
34749.043 24.396 1.025
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43.062 40967.910 51072.574 33.524
34729.355 24.409 1.025
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43.055 40980.914 51089.328 33.536
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43.055 40987.117 51096.086 33.541
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12/9/2016 10:00:00 PM 172800.000 19.110 14.641
43.048 40999.496 51111.844 33.552
34756.059 24.391 1.025
12/9/2016 10:15:00 PM 173700.000 19.112 14.642
43.051 40984.156 51092.617 33.538
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12/9/2016 10:45:00 PM 175500.000 19.103 14.642
43.032 40993.410 51104.152 33.547

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34757.492	24.390	1.025	
12/9/2016 11:15:00 PM	177300.000	19.096	14.642
43.016	40978.789	51085.926	33.533
34738.430	24.403	1.025	
12/9/2016 11:30:00 PM	178200.000	19.093	14.642
43.008	40982.227	51090.211	33.537
34741.344	24.401	1.025	
12/9/2016 11:45:00 PM	179100.000	19.090	14.643
43.002	40956.387	51056.160	33.512
34718.188	24.416	1.025	
12/10/2016 12:00:00 AM	180000.000	19.087	14.643
42.994	40963.238	51064.387	33.518
34723.785	24.412	1.025	
12/10/2016 12:15:00 AM	180900.000	19.082	14.643
42.985	40997.570	51108.156	33.550
34753.547	24.392	1.025	
12/10/2016 12:30:00 AM	181800.000	19.083	14.643
42.985	40967.133	51070.105	33.522
34727.672	24.410	1.025	
12/10/2016 12:45:00 AM	182700.000	19.074	14.643
42.966	40962.832	51064.848	33.518
34724.098	24.412	1.025	
12/10/2016 1:00:00 AM	183600.000	19.080	14.641
42.981	40968.980	51073.801	33.525
34730.188	24.409	1.025	
12/10/2016 1:15:00 AM	184500.000	19.084	14.643
42.989	40985.547	51092.750	33.539
34743.074	24.399	1.025	
12/10/2016 1:30:00 AM	185400.000	19.081	14.642
42.981	41015.285	51130.336	33.566
34768.633	24.381	1.025	
12/10/2016 1:45:00 AM	186300.000	19.084	14.643
42.989	40970.055	51073.852	33.525
34730.223	24.408	1.025	
12/10/2016 2:00:00 AM	187200.000	19.083	14.642
42.986	40981.648	51088.406	33.535
34740.121	24.401	1.025	
12/10/2016 2:15:00 AM	188100.000	19.084	14.643
42.989	41005.695	51117.629	33.557
34759.992	24.387	1.025	
12/10/2016 2:30:00 AM	189000.000	19.079	14.644
42.978	40997.891	51106.711	33.549
34752.563	24.391	1.025	
12/10/2016 2:45:00 AM	189900.000	19.077	14.643
42.973	40994.762	51104.234	33.547
34750.883	24.393	1.025	
12/10/2016 3:00:00 AM	190800.000	19.077	14.643
42.973	41018.270	51133.418	33.568
34770.727	24.379	1.025	
12/10/2016 3:15:00 AM	191700.000	19.082	14.644
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43.164	40981.730	51085.281	33.533
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43.180	40993.289	51099.688	33.544
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43.198	41001.809	51110.309	33.552
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43.405	40988.254	51100.430	33.544
34748.293	24.397	1.025	
12/11/2016 2:15:00 PM	317700.000	19.264	14.639
43.394	40959.633	51064.746	33.518
34724.031	24.414	1.025	
12/11/2016 2:30:00 PM	318600.000	19.257	14.639
43.378	40974.598	51083.504	33.531
34736.781	24.405	1.025	
12/11/2016 2:45:00 PM	319500.000	19.250	14.639
43.363	40983.039	51094.031	33.539
34743.941	24.400	1.025	
12/11/2016 3:00:00 PM	320400.000	19.242	14.640
43.344	40968.961	51076.152	33.526
34731.789	24.409	1.025	
12/11/2016 3:15:00 PM	321300.000	19.237	14.640
43.334	40958.250	51062.363	33.516
34722.410	24.415	1.025	
12/11/2016 3:30:00 PM	322200.000	19.227	14.639
43.311	40996.750	51111.652	33.552
34755.930	24.392	1.025	
12/11/2016 3:45:00 PM	323100.000	19.222	14.640
43.299	40965.469	51071.047	33.522
34728.313	24.411	1.025	
12/11/2016 4:00:00 PM	324000.000	19.212	14.640
43.277	40975.203	51083.723	33.532

34736.934	24.405	1.025	
12/11/2016 4:15:00 PM	324900.000	19.210	14.640
43.271	40969.652	51076.160	33.526
34731.793	24.408	1.025	
12/11/2016 4:30:00 PM	325800.000	19.196	14.640
43.241	40990.129	51102.441	33.545
34749.660	24.396	1.025	
12/11/2016 4:45:00 PM	326700.000	19.194	14.640
43.236	40971.441	51078.602	33.528
34733.453	24.407	1.025	
12/11/2016 5:00:00 PM	327600.000	19.186	14.641
43.219	40988.770	51099.445	33.543
34747.629	24.397	1.025	
12/11/2016 5:15:00 PM	328500.000	19.181	14.641
43.207	40948.680	51049.469	33.507
34713.641	24.421	1.025	
12/11/2016 5:30:00 PM	329400.000	19.182	14.641
43.208	40992.527	51103.805	33.547
34750.586	24.395	1.025	
12/11/2016 5:45:00 PM	330300.000	19.176	14.641
43.195	40979.707	51088.258	33.535
34740.016	24.402	1.025	
12/11/2016 6:00:00 PM	331200.000	19.170	14.641
43.183	40986.902	51097.016	33.542
34745.977	24.398	1.025	
12/11/2016 6:15:00 PM	332100.000	19.167	14.642
43.175	40939.023	51036.242	33.497
34704.648	24.427	1.025	
12/11/2016 6:30:00 PM	333000.000	19.164	14.641
43.168	40958.387	51060.594	33.515
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12/11/2016 6:45:00 PM	333900.000	19.157	14.642
43.154	40959.887	51062.039	33.516
34722.191	24.414	1.025	
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43.151	40986.734	51095.285	33.540
34744.793	24.398	1.025	
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43.146	40999.688	51112.406	33.553
34756.438	24.390	1.025	
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43.143	41029.777	51149.379	33.580
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43.131	40989.230	51098.285	33.543
34746.836	24.397	1.025	
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43.126	40969.582	51073.586	33.524
34730.043	24.408	1.025	
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43.124	40994.590	51104.539	33.547
34751.086	24.393	1.025	
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43.115	40984.059	51092.496	33.538
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43.123 40982.129 51089.766 33.536
34741.039 24.401 1.025
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43.112 40964.875 51066.105 33.519
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43.102 40993.535 51103.020 33.546
34750.059 24.394 1.025
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34759.016 24.388 1.025
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34735.813 24.404 1.025
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34756.262	24.390	1.025	
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34715.922	24.420	1.025	
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34757.332	24.391	1.025	
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43.476	40958.371	51064.676	33.518
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34743.867	24.402	1.025	
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43.451	40948.066	51053.441	33.509
34716.344	24.421	1.025	
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43.449	41014.047	51134.418	33.569
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43.445	40973.102	51084.543	33.532
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43.429	40987.176	51101.461	33.544
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43.235	40967.180	51074.684	33.525
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43.220	41024.563	51146.012	33.577
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43.207	40998.355	51113.125	33.553
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43.188	40975.324	51084.309	33.532
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43.152	40994.461	51106.754	33.549
34752.594	24.394	1.025	
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43.154	40992.242	51104.738	33.547
34751.223	24.395	1.025	
12/12/2016 11:15:00 PM	436500.000	19.161	14.641
43.161	40987.172	51096.480	33.541
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43.139	40986.535	51095.797	33.541
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43.130	40968.531	51074.660	33.525
34730.770	24.409	1.025	
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43.132	40968.660	51074.164	33.525
34730.434	24.409	1.025	

12/13/2016 12:15:00 AM 440100.000 19.142 14.641
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34741.496	24.402	1.025	
12/14/2016 12:15:00 PM	569700.000	19.265	14.639
43.397	40997.145	51111.828	33.552
34756.047	24.392	1.025	
12/14/2016 12:30:00 PM	570600.000	19.265	14.639
43.395	40986.113	51098.391	33.542
34746.906	24.399	1.025	
12/14/2016 12:45:00 PM	571500.000	19.265	14.638
43.397	41008.133	51126.383	33.563

34765.941 24.385 1.025
12/14/2016 1:00:00 PM 572400.000 19.271 14.638
43.409 41014.492 51134.309 33.569
34771.332 24.382 1.025
12/14/2016 1:15:00 PM 573300.000 19.273 14.639
43.415 41022.766 51144.426 33.576
34778.215 24.377 1.025
12/14/2016 1:30:00 PM 574200.000 19.271 14.638
43.411 40962.480 51070.438 33.522
34727.902 24.413 1.025
12/14/2016 1:45:00 PM 575100.000 19.273 14.638
43.415 41003.383 51121.434 33.559
34762.578 24.388 1.025
12/14/2016 2:00:00 PM 576000.000 19.276 14.638
43.420 41013.301 51133.797 33.568
34770.980 24.382 1.025
12/14/2016 2:15:00 PM 576900.000 19.277 14.638
43.423 40979.574 51091.750 33.537
34742.395 24.402 1.025
12/14/2016 2:30:00 PM 577800.000 19.277 14.636
43.423 40955.668 51063.457 33.517
34723.152 24.417 1.025
12/14/2016 2:45:00 PM 578700.000 19.281 14.636
43.433 40990.512 51107.113 33.549
34752.840 24.396 1.025
12/14/2016 3:00:00 PM 579600.000 19.290 14.637
43.452 41008.984 51129.719 33.565
34768.211 24.385 1.025
12/14/2016 3:15:00 PM 580500.000 19.284 14.636
43.439 41010.027 51131.336 33.566
34769.309 24.384 1.025
12/14/2016 3:30:00 PM 581400.000 19.286 14.636
43.444 40982.523 51097.480 33.541
34746.289 24.401 1.025
12/14/2016 3:45:00 PM 582300.000 19.286 14.635
43.444 40992.527 51110.828 33.551
34755.363 24.395 1.025
12/14/2016 4:00:00 PM 583200.000 19.286 14.635
43.444 40993.930 51112.242 33.552
34756.324 24.394 1.025
12/14/2016 4:15:00 PM 584100.000 19.277 14.634
43.424 41022.289 51148.797 33.579
34781.184 24.377 1.025
12/14/2016 4:30:00 PM 585000.000 19.273 14.635
43.414 40956.078 51065.484 33.518
34724.531 24.416 1.025
12/14/2016 4:45:00 PM 585900.000 19.270 14.635
43.407 40996.172 51116.020 33.555
34758.895 24.393 1.025
12/14/2016 5:00:00 PM 586800.000 19.264 14.635
43.394 41017.254 51142.191 33.574
34776.691 24.380 1.025
12/14/2016 5:15:00 PM 587700.000 19.259 14.635
43.382 41016.457 51140.766 33.573
34775.723 24.380 1.025

12/14/2016 5:30:00 PM	588600.000	19.250	14.635
43.363	40981.520	51097.102	33.541
34746.031	24.401	1.025	
12/14/2016 5:45:00 PM	589500.000	19.242	14.635
43.344	41011.020	51134.320	33.568
34771.344	24.384	1.025	
12/14/2016 6:00:00 PM	590400.000	19.237	14.636
43.332	40966.820	51078.336	33.527
34733.273	24.410	1.025	
12/14/2016 6:15:00 PM	591300.000	19.233	14.635
43.324	40984.051	51100.145	33.543
34748.102	24.400	1.025	
12/14/2016 6:30:00 PM	592200.000	19.226	14.635
43.308	41004.531	51126.328	33.562
34765.902	24.388	1.025	
12/14/2016 6:45:00 PM	593100.000	19.222	14.635
43.299	40978.508	51093.449	33.538
34743.551	24.403	1.025	
12/14/2016 7:00:00 PM	594000.000	19.213	14.636
43.279	40978.313	51092.453	33.538
34742.871	24.403	1.025	
12/14/2016 7:15:00 PM	594900.000	19.211	14.636
43.275	40985.934	51102.066	33.545
34749.410	24.399	1.025	
12/14/2016 7:30:00 PM	595800.000	19.206	14.636
43.262	41011.133	51133.484	33.568
34770.770	24.384	1.025	
12/14/2016 7:45:00 PM	596700.000	19.197	14.636
43.243	41009.711	51131.379	33.566
34769.340	24.384	1.025	
12/14/2016 8:00:00 PM	597600.000	19.190	14.636
43.227	40959.711	51068.602	33.520
34726.648	24.414	1.025	
12/14/2016 8:15:00 PM	598500.000	19.187	14.636
43.220	40995.648	51113.844	33.553
34757.414	24.393	1.025	
12/14/2016 8:30:00 PM	599400.000	19.182	14.636
43.208	40985.121	51100.508	33.544
34748.344	24.399	1.025	
12/14/2016 8:45:00 PM	600300.000	19.171	14.637
43.185	40967.152	51076.813	33.526
34732.234	24.410	1.025	
12/14/2016 9:00:00 PM	601200.000	19.162	14.636
43.165	41024.156	51148.848	33.579
34781.215	24.376	1.025	
12/14/2016 9:15:00 PM	602100.000	19.164	14.637
43.168	40989.313	51104.340	33.547
34750.953	24.397	1.025	
12/14/2016 9:30:00 PM	603000.000	19.159	14.637
43.158	40989.875	51105.254	33.547
34751.574	24.396	1.025	
12/14/2016 9:45:00 PM	603900.000	19.151	14.637
43.139	41021.133	51144.012	33.576
34777.930	24.378	1.025	
12/14/2016 10:00:00 PM	604800.000	19.150	14.637

43.136	40985.051	51099.129	33.543
34747.406	24.399	1.025	
12/14/2016 10:15:00 PM	605700.000	19.145	14.637
43.126	41003.453	51122.180	33.560
34763.086	24.388	1.025	
12/14/2016 10:30:00 PM	606600.000	19.144	14.638
43.123	41013.281	51133.348	33.568
34770.676	24.382	1.025	
12/14/2016 10:45:00 PM	607500.000	19.144	14.638
43.125	40980.016	51092.098	33.538
34742.625	24.402	1.025	
12/14/2016 11:00:00 PM	608400.000	19.142	14.638
43.118	41002.188	51119.090	33.557
34760.984	24.389	1.025	
12/14/2016 11:15:00 PM	609300.000	19.138	14.638
43.111	40966.809	51074.863	33.525
34730.906	24.410	1.025	
12/14/2016 11:30:00 PM	610200.000	19.133	14.639
43.099	41010.566	51128.773	33.565
34767.566	24.384	1.025	
12/14/2016 11:45:00 PM	611100.000	19.128	14.639
43.087	41025.719	51147.992	33.579
34780.641	24.375	1.025	

Report Date: 12/19/2016 10:28:51 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3D LT Test_2016-12-15_08-08-49-146-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 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
11/24/2016 3:02:25 PM Log Download - Used Battery: 13% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:00:00 PM
12/1/2016 1:53:10 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/2/2016 10:08:35 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 11:00:00 AM
12/8/2016 8:44:58 AM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 11:00:00 AM
12/15/2016 8:07:29 AM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:15:00 AM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.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

Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A)

197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A)
197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A)
197.3ft Sensor: Baro-Adj Calc
SN#: 446752 SN#: 446752 SN#: 446752
SN#: 446752 SN#: 446752 SN#: 446752 SN#: 446752
SN#: 446752 SN#: 446752 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 (ppt)	Resistivity (ohm-cm)
Water Density (g/cm3)	Barometric Pressure (PSI)			
12/8/2016 12:00:00 AM	7200.000	123.736	19.674	278.726
41752.961	46481.105	30.476	31.607	23.950
1.021	14.776			
12/8/2016 12:15:00 AM	8100.000	123.777	19.674	278.819
41779.180	46510.379	30.498	31.627	23.935
1.021	14.783			
12/8/2016 12:30:00 AM	9000.000	123.760	19.678	278.782
41768.402	46494.766	30.486	31.616	23.942
1.021	14.783			
12/8/2016 12:45:00 AM	9900.000	123.795	19.676	278.861
41768.098	46495.898	30.487	31.617	23.942
1.021	14.771			
12/8/2016 1:00:00 AM	10800.000	123.817	19.676	278.910
41751.004	46477.465	30.474	31.605	23.952
1.021	14.774			
12/8/2016 1:15:00 AM	11700.000	123.840	19.675	278.962
41772.488	46502.074	30.492	31.621	23.939
1.021	14.774			
12/8/2016 1:30:00 AM	12600.000	123.873	19.676	279.035
41788.641	46518.676	30.504	31.633	23.930
1.021	14.771			
12/8/2016 1:45:00 AM	13500.000	123.905	19.679	279.108
41773.516	46498.832	30.489	31.619	23.939
1.021	14.769			
12/8/2016 2:00:00 AM	14400.000	123.946	19.677	279.199
41792.289	46522.215	30.506	31.635	23.928
1.021	14.768			
12/8/2016 2:15:00 AM	15300.000	123.980	19.675	279.276
41767.398	46496.832	30.488	31.618	23.942
1.021	14.766			
12/8/2016 2:30:00 AM	16200.000	124.010	19.681	279.345
41770.789	46494.242	30.486	31.616	23.940
1.021	14.772			
12/8/2016 2:45:00 AM	17100.000	124.044	19.678	279.421
41755.793	46480.648	30.476	31.607	23.949
1.021	14.770			
12/8/2016 3:00:00 AM	18000.000	124.079	19.681	279.501
41786.766	46512.363	30.499	31.628	23.931
1.021	14.765			
12/8/2016 3:15:00 AM	18900.000	124.118	19.679	279.588
41790.582	46518.168	30.504		

31.632	23.929	1.021	14.765
12/8/2016 3:30:00 AM	19800.000	124.154	19.674
279.668	41755.578	46484.102	30.478
31.609	23.949	1.021	14.761
12/8/2016 3:45:00 AM	20700.000	124.188	19.678
279.745	41778.066	46505.699	30.494
31.624	23.936	1.021	14.757
12/8/2016 4:00:00 AM	21600.000	124.206	19.676
279.786	41793.520	46524.367	30.508
31.637	23.927	1.021	14.767
12/8/2016 4:15:00 AM	22500.000	124.240	19.678
279.863	41761.004	46486.449	30.480
31.611	23.946	1.021	14.760
12/8/2016 4:30:00 AM	23400.000	124.262	19.676
279.912	41781.504	46511.590	30.499
31.628	23.934	1.021	14.760
12/8/2016 4:45:00 AM	24300.000	124.280	19.674
279.953	41770.195	46500.465	30.490
31.620	23.941	1.021	14.763
12/8/2016 5:00:00 AM	25200.000	124.302	19.679
280.002	41764.289	46489.063	30.482
31.613	23.944	1.021	14.762
12/8/2016 5:15:00 AM	26100.000	124.319	19.678
280.042	41769.641	46496.145	30.487
31.617	23.941	1.021	14.757
12/8/2016 5:30:00 AM	27000.000	124.323	19.676
280.050	41751.227	46477.289	30.474
31.605	23.951	1.021	14.769
12/8/2016 5:45:00 AM	27900.000	124.327	19.680
280.060	41795.852	46523.336	30.507
31.636	23.926	1.021	14.770
12/8/2016 6:00:00 AM	28800.000	124.335	19.678
280.077	41761.148	46486.090	30.480
31.611	23.946	1.021	14.770
12/8/2016 6:15:00 AM	29700.000	124.340	19.677
280.088	41787.031	46516.105	30.502
31.631	23.931	1.021	14.766
12/8/2016 6:30:00 AM	30600.000	124.324	19.677
280.051	41755.313	46480.887	30.476
31.607	23.949	1.021	14.779
12/8/2016 6:45:00 AM	31500.000	124.324	19.679
280.052	41790.844	46518.117	30.504
31.632	23.929	1.021	14.770
12/8/2016 7:00:00 AM	32400.000	124.307	19.679
280.013	41768.750	46494.211	30.486
31.616	23.941	1.021	14.778
12/8/2016 7:15:00 AM	33300.000	124.293	19.679
279.981	41804.219	46533.602	30.515
31.643	23.921	1.021	14.782
12/8/2016 7:30:00 AM	34200.000	124.285	19.679
279.963	41803.031	46532.023	30.514
31.642	23.922	1.021	14.773
12/8/2016 7:45:00 AM	35100.000	124.268	19.678
279.925	41777.773	46504.859	30.494
31.623	23.936	1.021	14.779
12/8/2016 8:00:00 AM	36000.000	124.245	19.677

279.875	41800.215	46531.129	30.513
31.641	23.923	1.021	14.783
12/8/2016 8:15:00 AM	36900.000	124.227	19.676
279.833	41782.398	46511.727	30.499
31.628	23.934	1.021	14.782
12/8/2016 8:30:00 AM	37800.000	124.200	19.679
279.772	41785.789	46513.344	30.500
31.629	23.932	1.021	14.787
12/8/2016 8:45:00 AM	38700.000	124.174	19.682
279.714	41775.406	46498.336	30.489
31.619	23.938	1.021	14.793
12/8/2016 9:00:00 AM	39600.000	124.141	19.678
279.641	41790.152	46518.375	30.504
31.632	23.929	1.021	14.795
12/8/2016 9:15:00 AM	40500.000	124.119	19.680
279.591	41821.207	46551.824	30.528
31.655	23.911	1.021	14.797
12/8/2016 9:30:00 AM	41400.000	124.096	19.680
279.537	41784.094	46510.246	30.498
31.627	23.933	1.021	14.798
12/8/2016 9:45:00 AM	42300.000	124.058	19.681
279.453	41789.012	46514.270	30.501
31.630	23.930	1.021	14.809
12/8/2016 10:00:00 AM	43200.000	124.030	19.679
279.389	41772.902	46498.148	30.489
31.619	23.939	1.021	14.814
12/8/2016 10:15:00 AM	44100.000	124.011	19.680
279.348	41810.242	46539.535	30.519
31.647	23.918	1.021	14.809
12/8/2016 10:30:00 AM	45000.000	123.993	19.680
279.306	41792.586	46519.535	30.505
31.633	23.928	1.021	14.803
12/8/2016 10:45:00 AM	45900.000	123.967	19.679
279.248	41744.195	46467.043	30.466
31.598	23.955	1.021	14.808
12/8/2016 11:00:00 AM	46800.000	123.942	19.680
279.192	41771.906	46496.516	30.488
31.618	23.940	1.021	14.812
12/8/2016 11:15:00 AM	47700.000	123.930	19.683
279.164	41751.363	46470.207	30.469
31.600	23.951	1.021	14.803
12/8/2016 11:30:00 AM	48600.000	123.926	19.678
279.156	41796.477	46525.680	30.509
31.637	23.925	1.021	14.796
12/8/2016 11:45:00 AM	49500.000	123.912	19.681
279.124	41751.176	46472.656	30.470
31.601	23.951	1.021	14.799
12/8/2016 12:00:00 PM	50400.000	123.913	19.679
279.127	41775.301	46500.980	30.491
31.621	23.938	1.021	14.792
12/8/2016 12:15:00 PM	51300.000	123.909	19.680
279.117	41787.395	46513.922	30.501
31.629	23.931	1.021	14.790
12/8/2016 12:30:00 PM	52200.000	123.904	19.679
279.105	41792.246	46520.531	30.505
31.634	23.928	1.021	14.791

12/8/2016 12:45:00 PM	53100.000	123.905	19.679
279.109	41775.227	46500.824	30.491
31.621	23.938	1.021	14.798
12/8/2016 1:00:00 PM	54000.000	123.908	19.679
279.114	41769.887	46495.477	30.487
31.617	23.941	1.021	14.792
12/8/2016 1:15:00 PM	54900.000	123.914	19.680
279.128	41745.246	46466.668	30.466
31.597	23.955	1.021	14.796
12/8/2016 1:30:00 PM	55800.000	123.923	19.680
279.150	41787.930	46514.352	30.501
31.630	23.930	1.021	14.796
12/8/2016 1:45:00 PM	56700.000	123.938	19.682
279.183	41781.570	46505.297	30.494
31.624	23.934	1.021	14.796
12/8/2016 2:00:00 PM	57600.000	123.952	19.680
279.213	41781.551	46507.500	30.496
31.625	23.934	1.021	14.796
12/8/2016 2:15:00 PM	58500.000	123.967	19.679
279.247	41816.465	46547.141	30.525
31.652	23.914	1.021	14.797
12/8/2016 2:30:00 PM	59400.000	123.985	19.681
279.287	41772.879	46496.473	30.488
31.618	23.939	1.021	14.799
12/8/2016 2:45:00 PM	60300.000	124.000	19.679
279.323	41778.477	46504.352	30.494
31.623	23.936	1.021	14.804
12/8/2016 3:00:00 PM	61200.000	124.026	19.680
279.380	41758.316	46481.125	30.477
31.607	23.947	1.021	14.795
12/8/2016 3:15:00 PM	62100.000	124.039	19.677
279.410	41747.363	46471.781	30.470
31.601	23.954	1.021	14.805
12/8/2016 3:30:00 PM	63000.000	124.064	19.677
279.467	41775.426	46503.707	30.493
31.623	23.938	1.021	14.798
12/8/2016 3:45:00 PM	63900.000	124.087	19.679
279.517	41791.000	46518.887	30.504
31.633	23.929	1.021	14.798
12/8/2016 4:00:00 PM	64800.000	124.094	19.677
279.534	41783.199	46512.012	30.499
31.628	23.933	1.021	14.806
12/8/2016 4:15:00 PM	65700.000	124.117	19.680
279.586	41782.996	46508.688	30.497
31.626	23.933	1.021	14.804
12/8/2016 4:30:00 PM	66600.000	124.136	19.678
279.627	41756.840	46482.070	30.477
31.608	23.948	1.021	14.805
12/8/2016 4:45:00 PM	67500.000	124.162	19.677
279.686	41791.043	46520.406	30.505
31.634	23.929	1.021	14.795
12/8/2016 5:00:00 PM	68400.000	124.149	19.678
279.657	41783.477	46511.371	30.499
31.628	23.933	1.021	14.811
12/8/2016 5:15:00 PM	69300.000	124.169	19.679
279.703	41775.969	46502.512	30.492

31.622	23.937	1.021	14.805
12/8/2016 5:30:00 PM	70200.000	124.177	19.680
279.721	41799.961	46527.391	30.510
31.639	23.923	1.021	14.797
12/8/2016 5:45:00 PM	71100.000	124.175	19.679
279.716	41772.168	46498.281	30.489
31.619	23.939	1.021	14.808
12/8/2016 6:00:00 PM	72000.000	124.176	19.681
279.718	41770.309	46493.449	30.486
31.616	23.940	1.021	14.808
12/8/2016 6:15:00 PM	72900.000	124.176	19.679
279.719	41781.441	46508.602	30.497
31.626	23.934	1.021	14.807
12/8/2016 6:30:00 PM	73800.000	124.164	19.679
279.691	41763.660	46488.543	30.482
31.612	23.944	1.021	14.815
12/8/2016 6:45:00 PM	74700.000	124.158	19.676
279.678	41758.801	46485.797	30.480
31.610	23.947	1.021	14.811
12/8/2016 7:00:00 PM	75600.000	124.146	19.677
279.651	41830.160	46564.465	30.537
31.664	23.906	1.021	14.812
12/8/2016 7:15:00 PM	76500.000	124.135	19.678
279.626	41785.145	46512.973	30.500
31.629	23.932	1.021	14.810
12/8/2016 7:30:00 PM	77400.000	124.112	19.678
279.574	41792.320	46521.051	30.506
31.634	23.928	1.021	14.815
12/8/2016 7:45:00 PM	78300.000	124.092	19.680
279.530	41756.742	46480.066	30.476
31.606	23.948	1.021	14.818
12/8/2016 8:00:00 PM	79200.000	124.073	19.679
279.486	41798.926	46527.203	30.510
31.639	23.924	1.021	14.818
12/8/2016 8:15:00 PM	80100.000	124.047	19.678
279.427	41763.957	46489.559	30.483
31.613	23.944	1.021	14.827
12/8/2016 8:30:00 PM	81000.000	124.023	19.677
279.373	41761.457	46488.160	30.482
31.612	23.946	1.021	14.826
12/8/2016 8:45:00 PM	81900.000	123.998	19.677
279.318	41784.102	46513.102	30.500
31.629	23.933	1.021	14.826
12/8/2016 9:00:00 PM	82800.000	123.974	19.679
279.263	41769.309	46494.313	30.486
31.616	23.941	1.021	14.829
12/8/2016 9:15:00 PM	83700.000	123.946	19.681
279.201	41756.273	46478.602	30.475
31.605	23.948	1.021	14.828
12/8/2016 9:30:00 PM	84600.000	123.928	19.678
279.159	41775.793	46503.168	30.493
31.622	23.937	1.021	14.825
12/8/2016 9:45:00 PM	85500.000	123.894	19.678
279.083	41770.480	46496.906	30.488
31.618	23.940	1.021	14.838
12/8/2016 10:00:00 PM	86400.000	123.890	19.679

279.073	41784.387	46511.699	30.499
31.628	23.932	1.021	14.830
12/8/2016 10:15:00 PM	87300.000	123.854	19.677
278.992	41782.508	46511.070	30.498
31.628	23.933	1.021	14.838
12/8/2016 10:30:00 PM	88200.000	123.834	19.679
278.948	41805.016	46534.324	30.515
31.643	23.921	1.021	14.840
12/8/2016 10:45:00 PM	89100.000	123.824	19.679
278.925	41764.273	46488.789	30.482
31.612	23.944	1.021	14.835
12/8/2016 11:00:00 PM	90000.000	123.809	19.679
278.892	41752.492	46476.195	30.473
31.604	23.951	1.021	14.836
12/8/2016 11:15:00 PM	90900.000	123.793	19.677
278.857	41781.457	46509.902	30.497
31.627	23.934	1.021	14.841
12/8/2016 11:30:00 PM	91800.000	123.792	19.678
278.854	41810.645	46541.355	30.521
31.648	23.917	1.021	14.837
12/8/2016 11:45:00 PM	92700.000	123.794	19.680
278.857	41773.949	46498.438	30.489
31.619	23.938	1.021	14.836
12/9/2016 12:00:00 AM	93600.000	123.790	19.682
278.850	41794.750	46520.051	30.505
31.634	23.926	1.021	14.835
12/9/2016 12:15:00 AM	94500.000	123.794	19.682
278.858	41794.363	46519.535	30.505
31.633	23.927	1.021	14.840
12/9/2016 12:30:00 AM	95400.000	123.818	19.679
278.912	41799.934	46528.238	30.511
31.639	23.923	1.021	14.831
12/9/2016 12:45:00 AM	96300.000	123.819	19.680
278.915	41762.277	46486.047	30.480
31.611	23.945	1.021	14.836
12/9/2016 1:00:00 AM	97200.000	123.836	19.677
278.952	41804.855	46536.203	30.517
31.645	23.921	1.021	14.838
12/9/2016 1:15:00 AM	98100.000	123.851	19.680
278.987	41784.980	46511.414	30.499
31.628	23.932	1.021	14.839
12/9/2016 1:30:00 AM	99000.000	123.872	19.680
279.033	41770.609	46495.418	30.487
31.617	23.940	1.021	14.839
12/9/2016 1:45:00 AM	99900.000	123.930	19.681
279.164	41784.051	46509.176	30.497
31.626	23.933	1.021	14.842
12/9/2016 2:00:00 AM	100800.000	123.933	19.676
279.170	41780.996	46510.688	30.498
31.627	23.934	1.021	14.843
12/9/2016 2:15:00 AM	101700.000	123.968	19.676
279.251	41758.523	46485.832	30.480
31.610	23.947	1.021	14.839
12/9/2016 2:30:00 AM	102600.000	123.998	19.677
279.317	41777.715	46505.473	30.494
31.624	23.936	1.021	14.837

12/9/2016 2:45:00 AM	103500.000	124.035	19.677
279.401	41811.082	46542.879	30.522
31.649	23.917	1.021	14.837
12/9/2016 3:00:00 AM	104400.000	124.079	19.680
279.499	41767.957	46491.855	30.484
31.614	23.942	1.021	14.833
12/9/2016 3:15:00 AM	105300.000	124.119	19.682
279.591	41768.375	46490.949	30.484
31.614	23.942	1.021	14.828
12/9/2016 3:30:00 AM	106200.000	124.156	19.681
279.673	41793.898	46520.387	30.505
31.634	23.927	1.021	14.834
12/9/2016 3:45:00 AM	107100.000	124.200	19.677
279.774	41780.156	46508.371	30.496
31.626	23.935	1.021	14.832
12/9/2016 4:00:00 AM	108000.000	124.240	19.678
279.863	41795.449	46525.137	30.509
31.637	23.926	1.021	14.830
12/9/2016 4:15:00 AM	108900.000	124.271	19.677
279.933	41824.535	46557.590	30.532
31.659	23.909	1.021	14.836
12/9/2016 4:30:00 AM	109800.000	124.306	19.679
280.010	41788.090	46515.555	30.502
31.631	23.930	1.021	14.832
12/9/2016 4:45:00 AM	110700.000	124.334	19.677
280.075	41757.648	46483.230	30.478
31.609	23.948	1.021	14.837
12/9/2016 5:00:00 AM	111600.000	124.371	19.677
280.157	41777.957	46506.094	30.495
31.624	23.936	1.021	14.832
12/9/2016 5:15:00 AM	112500.000	124.397	19.679
280.217	41757.770	46481.730	30.477
31.608	23.948	1.021	14.833
12/9/2016 5:30:00 AM	113400.000	124.420	19.679
280.268	41772.977	46498.824	30.489
31.619	23.939	1.021	14.834
12/9/2016 5:45:00 AM	114300.000	124.434	19.676
280.299	41802.820	46534.980	30.516
31.644	23.922	1.021	14.840
12/9/2016 6:00:00 AM	115200.000	124.451	19.678
280.338	41771.074	46497.480	30.488
31.618	23.940	1.021	14.841
12/9/2016 6:15:00 AM	116100.000	124.460	19.681
280.359	41795.035	46521.313	30.506
31.634	23.926	1.021	14.844
12/9/2016 6:30:00 AM	117000.000	124.461	19.681
280.360	41759.258	46481.578	30.477
31.607	23.947	1.021	14.848
12/9/2016 6:45:00 AM	117900.000	124.461	19.681
280.360	41757.055	46479.293	30.475
31.606	23.948	1.021	14.845
12/9/2016 7:00:00 AM	118800.000	124.465	19.680
280.370	41779.277	46504.813	30.494
31.623	23.935	1.021	14.840
12/9/2016 7:15:00 AM	119700.000	124.460	19.681
280.358	41783.852	46509.121	30.497

31.626	23.933	1.021	14.838
12/9/2016 7:30:00 AM	120600.000	124.443	19.678
280.321	41768.117	46494.273	30.486
31.616	23.942	1.021	14.843
12/9/2016 7:45:00 AM	121500.000	124.428	19.677
280.286	41774.375	46502.539	30.492
31.622	23.938	1.021	14.850
12/9/2016 8:00:00 AM	122400.000	124.404	19.678
280.232	41770.512	46496.684	30.488
31.618	23.940	1.021	14.853
12/9/2016 8:15:00 AM	123300.000	124.380	19.678
280.179	41779.301	46506.980	30.495
31.625	23.935	1.021	14.860
12/9/2016 8:30:00 AM	124200.000	124.365	19.678
280.144	41764.441	46490.273	30.483
31.613	23.944	1.021	14.850
12/9/2016 8:45:00 AM	125100.000	124.334	19.679
280.075	41792.258	46519.938	30.505
31.634	23.928	1.021	14.852
12/9/2016 9:00:00 AM	126000.000	124.300	19.681
279.998	41808.566	46536.461	30.517
31.645	23.919	1.021	14.859
12/9/2016 9:15:00 AM	126900.000	124.275	19.682
279.940	41755.777	46477.012	30.474
31.604	23.949	1.021	14.860
12/9/2016 9:30:00 AM	127800.000	124.238	19.679
279.858	41789.469	46516.750	30.503
31.631	23.929	1.021	14.862
12/9/2016 9:45:00 AM	128700.000	124.212	19.678
279.799	41752.648	46476.973	30.473
31.604	23.951	1.021	14.861
12/9/2016 10:00:00 AM	129600.000	124.176	19.678
279.718	41783.199	46510.719	30.498
31.627	23.933	1.021	14.861
12/9/2016 10:15:00 AM	130500.000	124.138	19.677
279.633	41793.055	46522.813	30.507
31.636	23.927	1.021	14.865
12/9/2016 10:30:00 AM	131400.000	124.101	19.676
279.550	41779.699	46508.723	30.497
31.626	23.935	1.021	14.866
12/9/2016 10:45:00 AM	132300.000	124.065	19.679
279.468	41788.289	46516.227	30.502
31.631	23.930	1.021	14.871
12/9/2016 11:00:00 AM	133200.000	124.031	19.680
279.393	41765.359	46488.797	30.482
31.612	23.943	1.021	14.868
12/9/2016 11:15:00 AM	134100.000	124.000	19.680
279.322	41765.047	46488.617	30.482
31.612	23.943	1.021	14.862
12/9/2016 11:30:00 AM	135000.000	123.968	19.680
279.251	41780.477	46506.148	30.495
31.624	23.935	1.021	14.865
12/9/2016 11:45:00 AM	135900.000	123.954	19.680
279.218	41774.449	46499.594	30.490
31.620	23.938	1.021	14.853
12/9/2016 12:00:00 PM	136800.000	123.926	19.679

279.154	41767.742	46492.652	30.485
31.615	23.942	1.021	14.845
12/9/2016 12:15:00 PM	137700.000	123.907	19.682
279.112	41791.633	46516.141	30.502
31.631	23.928	1.021	14.843
12/9/2016 12:30:00 PM	138600.000	123.896	19.681
279.087	41799.977	46526.473	30.510
31.638	23.923	1.021	14.837
12/9/2016 12:45:00 PM	139500.000	123.889	19.682
279.071	41738.641	46457.160	30.459
31.591	23.959	1.021	14.830
12/9/2016 1:00:00 PM	140400.000	123.876	19.681
279.042	41812.555	46540.730	30.520
31.648	23.916	1.021	14.832
12/9/2016 1:15:00 PM	141300.000	123.870	19.680
279.030	41755.449	46478.023	30.474
31.605	23.949	1.021	14.826
12/9/2016 1:30:00 PM	142200.000	123.876	19.680
279.043	41774.383	46499.098	30.490
31.619	23.938	1.021	14.822
12/9/2016 1:45:00 PM	143100.000	123.854	19.683
278.993	41838.492	46567.523	30.540
31.666	23.901	1.021	14.836
12/9/2016 2:00:00 PM	144000.000	123.875	19.681
279.040	41776.109	46500.680	30.491
31.620	23.937	1.021	14.826
12/9/2016 2:15:00 PM	144900.000	123.881	19.681
279.054	41783.129	46507.719	30.496
31.625	23.933	1.021	14.826
12/9/2016 2:30:00 PM	145800.000	123.900	19.682
279.096	41789.332	46514.359	30.501
31.630	23.930	1.021	14.817
12/9/2016 2:45:00 PM	146700.000	123.911	19.679
279.122	41803.457	46532.926	30.514
31.642	23.921	1.021	14.823
12/9/2016 3:00:00 PM	147600.000	123.933	19.679
279.171	41777.773	46503.570	30.493
31.622	23.936	1.021	14.825
12/9/2016 3:15:00 PM	148500.000	123.953	19.681
279.217	41777.953	46502.121	30.492
31.621	23.936	1.021	14.823
12/9/2016 3:30:00 PM	149400.000	123.979	19.677
279.274	41772.492	46499.754	30.490
31.620	23.939	1.021	14.822
12/9/2016 3:45:00 PM	150300.000	124.002	19.678
279.328	41777.668	46504.996	30.494
31.623	23.936	1.021	14.827
12/9/2016 4:00:00 PM	151200.000	124.026	19.677
279.380	41792.699	46522.250	30.507
31.635	23.928	1.021	14.822
12/9/2016 4:15:00 PM	152100.000	124.062	19.678
279.461	41796.754	46525.805	30.509
31.638	23.925	1.021	14.816
12/9/2016 4:30:00 PM	153000.000	124.087	19.681
279.517	41819.582	46548.973	30.526
31.653	23.912	1.021	14.817

12/9/2016 4:45:00 PM	153900.000	124.107	19.679
279.563	41748.594	46471.855	30.470
31.601	23.953	1.021	14.819
12/9/2016 5:00:00 PM	154800.000	124.133	19.678
279.623	41765.914	46492.172	30.485
31.615	23.943	1.021	14.814
12/9/2016 5:15:00 PM	155700.000	124.161	19.680
279.685	41813.355	46542.480	30.521
31.649	23.916	1.021	14.815
12/9/2016 5:30:00 PM	156600.000	124.177	19.680
279.721	41774.438	46498.980	30.490
31.619	23.938	1.021	14.822
12/9/2016 5:45:00 PM	157500.000	124.200	19.680
279.773	41793.320	46519.922	30.505
31.634	23.927	1.021	14.815
12/9/2016 6:00:00 PM	158400.000	124.225	19.679
279.829	41797.230	46525.391	30.509
31.637	23.925	1.021	14.815
12/9/2016 6:15:00 PM	159300.000	124.231	19.680
279.843	41792.516	46519.547	30.505
31.633	23.928	1.021	14.818
12/9/2016 6:30:00 PM	160200.000	124.240	19.681
279.864	41769.652	46492.977	30.485
31.615	23.941	1.021	14.820
12/9/2016 6:45:00 PM	161100.000	124.249	19.678
279.882	41795.469	46524.293	30.508
31.637	23.926	1.021	14.819
12/9/2016 7:00:00 PM	162000.000	124.243	19.681
279.869	41767.809	46491.008	30.484
31.614	23.942	1.021	14.825
12/9/2016 7:15:00 PM	162900.000	124.258	19.679
279.904	41785.090	46511.715	30.499
31.628	23.932	1.021	14.818
12/9/2016 7:30:00 PM	163800.000	124.249	19.680
279.883	41788.875	46515.570	30.502
31.631	23.930	1.021	14.824
12/9/2016 7:45:00 PM	164700.000	124.243	19.677
279.870	41802.281	46533.676	30.515
31.643	23.922	1.021	14.826
12/9/2016 8:00:00 PM	165600.000	124.251	19.677
279.888	41775.313	46503.234	30.493
31.622	23.938	1.021	14.811
12/9/2016 8:15:00 PM	166500.000	124.236	19.678
279.854	41758.617	46483.441	30.478
31.609	23.947	1.021	14.811
12/9/2016 8:30:00 PM	167400.000	124.221	19.679
279.820	41817.191	46548.133	30.526
31.653	23.914	1.021	14.811
12/9/2016 8:45:00 PM	168300.000	124.197	19.678
279.765	41788.938	46517.887	30.503
31.632	23.930	1.021	14.825
12/9/2016 9:00:00 PM	169200.000	124.213	19.680
279.802	41798.500	46525.688	30.509
31.637	23.924	1.021	14.820
12/9/2016 9:15:00 PM	170100.000	124.161	19.680
279.686	41765.324	46489.098	30.482

31.613	23.943	1.021	14.822
12/9/2016 9:30:00 PM	171000.000	124.145	19.678
279.649	41757.512	46482.469	30.477
31.608	23.948	1.021	14.822
12/9/2016 9:45:00 PM	171900.000	124.120	19.679
279.591	41789.063	46516.301	30.502
31.631	23.930	1.021	14.821
12/9/2016 10:00:00 PM	172800.000	124.101	19.680
279.548	41794.434	46521.840	30.506
31.635	23.927	1.021	14.818
12/9/2016 10:15:00 PM	173700.000	124.069	19.679
279.478	41752.973	46476.211	30.473
31.604	23.950	1.021	14.822
12/9/2016 10:30:00 PM	174600.000	124.053	19.677
279.441	41740.184	46463.695	30.464
31.595	23.958	1.021	14.819
12/9/2016 10:45:00 PM	175500.000	124.035	19.678
279.400	41763.148	46489.000	30.482
31.613	23.945	1.021	14.818
12/9/2016 11:00:00 PM	176400.000	124.007	19.676
279.337	41793.078	46524.383	30.508
31.637	23.927	1.021	14.822
12/9/2016 11:15:00 PM	177300.000	123.989	19.676
279.298	41793.309	46523.871	30.508
31.636	23.927	1.021	14.822
12/9/2016 11:30:00 PM	178200.000	123.976	19.678
279.269	41771.887	46498.645	30.489
31.619	23.940	1.021	14.817
12/9/2016 11:45:00 PM	179100.000	123.968	19.678
279.251	41769.895	46495.824	30.487
31.617	23.941	1.021	14.812
12/10/2016 12:00:00 AM	180000.000	123.966	19.681
279.245	41765.836	46489.148	30.482
31.613	23.943	1.021	14.806
12/10/2016 12:15:00 AM	180900.000	123.941	19.681
279.190	41805.059	46532.469	30.514
31.642	23.921	1.021	14.815
12/10/2016 12:30:00 AM	181800.000	123.950	19.676
279.210	41767.836	46495.516	30.487
31.617	23.942	1.021	14.810
12/10/2016 12:45:00 AM	182700.000	123.944	19.678
279.196	41759.613	46484.551	30.479
31.609	23.947	1.021	14.812
12/10/2016 1:00:00 AM	183600.000	123.951	19.679
279.212	41749.652	46472.430	30.470
31.601	23.952	1.021	14.812
12/10/2016 1:15:00 AM	184500.000	123.952	19.681
279.213	41751.004	46472.465	30.470
31.601	23.952	1.021	14.822
12/10/2016 1:30:00 AM	185400.000	123.974	19.680
279.264	41797.727	46524.992	30.509
31.637	23.925	1.021	14.818
12/10/2016 1:45:00 AM	186300.000	123.996	19.681
279.314	41770.457	46493.777	30.486
31.616	23.940	1.021	14.812
12/10/2016 2:00:00 AM	187200.000	124.020	19.680

279.366	41783.371	46509.707	30.497
31.627	23.933	1.021	14.810
12/10/2016 2:15:00 AM	188100.000	124.046	19.679
279.425	41802.293	46531.203	30.513
31.641	23.922	1.021	14.811
12/10/2016 2:30:00 AM	189000.000	124.075	19.678
279.490	41778.242	46505.289	30.494
31.624	23.936	1.021	14.806
12/10/2016 2:45:00 AM	189900.000	124.102	19.678
279.551	41815.367	46546.441	30.524
31.652	23.915	1.021	14.813
12/10/2016 3:00:00 AM	190800.000	124.145	19.677
279.648	41753.664	46479.559	30.475
31.606	23.950	1.021	14.807
12/10/2016 3:15:00 AM	191700.000	124.179	19.678
279.725	41780.973	46508.500	30.496
31.626	23.934	1.021	14.806
12/10/2016 3:30:00 AM	192600.000	124.209	19.679
279.793	41787.605	46515.109	30.501
31.630	23.931	1.021	14.810
12/10/2016 3:45:00 AM	193500.000	124.253	19.681
279.892	41782.184	46507.008	30.496
31.625	23.934	1.021	14.811
12/10/2016 4:00:00 AM	194400.000	124.298	19.679
279.994	41780.125	46506.352	30.495
31.624	23.935	1.021	14.809
12/10/2016 4:15:00 AM	195300.000	124.347	19.679
280.103	41764.598	46489.852	30.483
31.613	23.944	1.021	14.803
12/10/2016 4:30:00 AM	196200.000	124.388	19.676
280.196	41795.488	46526.820	30.510
31.638	23.926	1.021	14.800
12/10/2016 4:45:00 AM	197100.000	124.424	19.678
280.277	41755.086	46479.340	30.475
31.606	23.949	1.021	14.809
12/10/2016 5:00:00 AM	198000.000	124.458	19.679
280.353	41780.699	46507.777	30.496
31.625	23.934	1.021	14.812
12/10/2016 5:15:00 AM	198900.000	124.501	19.678
280.450	41826.180	46559.254	30.534
31.660	23.908	1.021	14.807
12/10/2016 5:30:00 AM	199800.000	124.530	19.677
280.515	41781.520	46509.707	30.497
31.627	23.934	1.021	14.809
12/10/2016 5:45:00 AM	200700.000	124.568	19.676
280.601	41749.605	46475.988	30.473
31.604	23.952	1.021	14.803
12/10/2016 6:00:00 AM	201600.000	124.591	19.677
280.654	41771.332	46498.547	30.489
31.619	23.940	1.021	14.807
12/10/2016 6:15:00 AM	202500.000	124.616	19.676
280.710	41785.305	46514.961	30.501
31.630	23.932	1.021	14.804
12/10/2016 6:30:00 AM	203400.000	124.634	19.678
280.751	41788.234	46517.105	30.503
31.632	23.930	1.021	14.807

12/10/2016 6:45:00 AM	204300.000	124.648	19.678
280.782	41803.613	46533.703	30.515
31.643	23.921	1.021	14.803
12/10/2016 7:00:00 AM	205200.000	124.651	19.678
280.788	41780.961	46508.227	30.496
31.626	23.934	1.021	14.810
12/10/2016 7:15:00 AM	206100.000	124.660	19.678
280.809	41757.020	46482.270	30.477
31.608	23.948	1.021	14.801
12/10/2016 7:30:00 AM	207000.000	124.662	19.675
280.813	41784.406	46515.086	30.501
31.630	23.932	1.021	14.805
12/10/2016 7:45:00 AM	207900.000	124.659	19.676
280.807	41807.246	46539.910	30.519
31.647	23.919	1.021	14.802
12/10/2016 8:00:00 AM	208800.000	124.646	19.676
280.778	41793.688	46524.465	30.508
31.637	23.927	1.021	14.808
12/10/2016 8:15:00 AM	209700.000	124.620	19.679
280.719	41786.617	46513.578	30.500
31.629	23.931	1.021	14.816
12/10/2016 8:30:00 AM	210600.000	124.601	19.682
280.675	41775.758	46498.992	30.490
31.619	23.937	1.021	14.814
12/10/2016 8:45:00 AM	211500.000	124.586	19.679
280.641	41782.141	46509.383	30.497
31.626	23.934	1.021	14.807
12/10/2016 9:00:00 AM	212400.000	124.555	19.677
280.572	41759.004	46484.645	30.479
31.610	23.947	1.021	14.809
12/10/2016 9:15:00 AM	213300.000	124.523	19.681
280.501	41769.969	46492.980	30.485
31.615	23.941	1.021	14.808
12/10/2016 9:30:00 AM	214200.000	124.486	19.682
280.417	41769.063	46491.020	30.484
31.614	23.941	1.021	14.814
12/10/2016 9:45:00 AM	215100.000	124.448	19.682
280.330	41777.426	46501.023	30.491
31.621	23.936	1.021	14.812
12/10/2016 10:00:00 AM	216000.000	124.401	19.680
280.226	41812.234	46541.141	30.520
31.648	23.916	1.021	14.814
12/10/2016 10:15:00 AM	216900.000	124.363	19.681
280.141	41773.852	46497.395	30.489
31.618	23.938	1.021	14.816
12/10/2016 10:30:00 AM	217800.000	124.328	19.679
280.061	41793.441	46521.348	30.506
31.635	23.927	1.021	14.814
12/10/2016 10:45:00 AM	218700.000	124.281	19.679
279.954	41762.824	46486.930	30.481
31.611	23.945	1.021	14.814
12/10/2016 11:00:00 AM	219600.000	124.227	19.680
279.833	41785.773	46512.117	30.499
31.628	23.932	1.021	14.811
12/10/2016 11:15:00 AM	220500.000	124.196	19.682
279.762	41795.703	46521.367	30.506

31.635	23.926	1.021	14.798
12/10/2016 11:30:00 AM	221400.000	124.146	19.681
279.650	41771.297	46494.891	30.487
31.617	23.940	1.021	14.800
12/10/2016 11:45:00 AM	222300.000	124.111	19.679
279.571	41770.859	46496.035	30.487
31.617	23.940	1.021	14.792
12/10/2016 12:00:00 PM	223200.000	124.065	19.679
279.469	41771.637	46496.902	30.488
31.618	23.940	1.021	14.791
12/10/2016 12:15:00 PM	224100.000	124.030	19.679
279.390	41758.277	46482.207	30.477
31.608	23.947	1.021	14.788
12/10/2016 12:30:00 PM	225000.000	124.000	19.679
279.321	41769.727	46495.207	30.487
31.617	23.941	1.021	14.783
12/10/2016 12:45:00 PM	225900.000	123.966	19.676
279.245	41800.922	46532.867	30.514
31.642	23.923	1.021	14.779
12/10/2016 1:00:00 PM	226800.000	123.942	19.678
279.190	41808.891	46539.918	30.519
31.647	23.918	1.021	14.778
12/10/2016 1:15:00 PM	227700.000	123.921	19.677
279.144	41772.047	46500.020	30.490
31.620	23.939	1.021	14.775
12/10/2016 1:30:00 PM	228600.000	123.894	19.679
279.084	41776.859	46502.801	30.492
31.622	23.937	1.021	14.778
12/10/2016 1:45:00 PM	229500.000	123.882	19.681
279.056	41791.621	46517.945	30.504
31.632	23.928	1.021	14.773
12/10/2016 2:00:00 PM	230400.000	123.877	19.679
279.046	41799.961	46528.605	30.511
31.639	23.923	1.021	14.766
12/10/2016 2:15:00 PM	231300.000	123.876	19.679
279.044	41781.883	46508.738	30.497
31.626	23.934	1.021	14.764
12/10/2016 2:30:00 PM	232200.000	123.874	19.678
279.039	41801.422	46531.441	30.513
31.641	23.923	1.021	14.765
12/10/2016 2:45:00 PM	233100.000	123.881	19.677
279.054	41755.695	46481.746	30.477
31.608	23.949	1.021	14.764
12/10/2016 3:00:00 PM	234000.000	123.896	19.677
279.088	41800.742	46531.543	30.513
31.641	23.923	1.021	14.766
12/10/2016 3:15:00 PM	234900.000	123.903	19.678
279.105	41827.355	46560.051	30.534
31.661	23.908	1.021	14.768
12/10/2016 3:30:00 PM	235800.000	123.924	19.681
279.151	41794.977	46521.410	30.506
31.635	23.926	1.021	14.768
12/10/2016 3:45:00 PM	236700.000	123.950	19.678
279.209	41777.691	46504.676	30.494
31.623	23.936	1.021	14.765
12/10/2016 4:00:00 PM	237600.000	123.970	19.678

279.254	41782.574	46509.938	30.498
31.627	23.933	1.021	14.772
12/10/2016 4:15:00 PM	238500.000	124.006	19.677
279.336	41781.156	46510.086	30.498
31.627	23.934	1.021	14.765
12/10/2016 4:30:00 PM	239400.000	124.032	19.678
279.395	41761.652	46486.730	30.481
31.611	23.945	1.021	14.763
12/10/2016 4:45:00 PM	240300.000	124.068	19.679
279.475	41780.949	46507.789	30.496
31.625	23.934	1.021	14.761
12/10/2016 5:00:00 PM	241200.000	124.091	19.677
279.527	41784.016	46513.438	30.500
31.629	23.933	1.021	14.772
12/10/2016 5:15:00 PM	242100.000	124.139	19.674
279.636	41766.648	46496.605	30.488
31.618	23.943	1.021	14.759
12/10/2016 5:30:00 PM	243000.000	124.156	19.678
279.674	41749.359	46473.648	30.471
31.602	23.952	1.021	14.769
12/10/2016 5:45:00 PM	243900.000	124.200	19.675
279.772	41735.855	46461.805	30.462
31.594	23.960	1.021	14.764
12/10/2016 6:00:00 PM	244800.000	124.230	19.675
279.841	41793.582	46525.375	30.509
31.637	23.927	1.021	14.766
12/10/2016 6:15:00 PM	245700.000	124.249	19.679
279.884	41791.852	46519.578	30.505
31.633	23.928	1.021	14.778
12/10/2016 6:30:00 PM	246600.000	124.284	19.674
279.961	41823.203	46559.734	30.534
31.661	23.910	1.021	14.767
12/10/2016 6:45:00 PM	247500.000	124.313	19.674
280.027	41794.457	46527.477	30.510
31.639	23.927	1.021	14.763
12/10/2016 7:00:00 PM	248400.000	124.334	19.676
280.075	41763.121	46490.695	30.483
31.614	23.945	1.021	14.772
12/10/2016 7:15:00 PM	249300.000	124.349	19.677
280.109	41768.203	46495.836	30.487
31.617	23.942	1.021	14.768
12/10/2016 7:30:00 PM	250200.000	124.365	19.675
280.145	41747.973	46474.605	30.472
31.603	23.953	1.021	14.773
12/10/2016 7:45:00 PM	251100.000	124.370	19.676
280.156	41782.051	46511.859	30.499
31.628	23.934	1.021	14.779
12/10/2016 8:00:00 PM	252000.000	124.370	19.676
280.157	41774.738	46503.371	30.493
31.622	23.938	1.021	14.782
12/10/2016 8:15:00 PM	252900.000	124.381	19.677
280.181	41794.676	46524.965	30.508
31.637	23.926	1.021	14.783
12/10/2016 8:30:00 PM	253800.000	124.377	19.680
280.171	41821.141	46550.965	30.528
31.655	23.911	1.021	14.779

12/10/2016 8:45:00 PM	254700.000	124.384	19.678
280.187	41775.066	46502.008	30.492
31.621	23.938	1.021	14.779
12/10/2016 9:00:00 PM	255600.000	124.370	19.676
280.156	41778.816	46508.078	30.496
31.625	23.936	1.021	14.779
12/10/2016 9:15:00 PM	256500.000	124.364	19.676
280.142	41757.285	46483.770	30.478
31.609	23.948	1.021	14.782
12/10/2016 9:30:00 PM	257400.000	124.349	19.676
280.108	41790.039	46520.406	30.505
31.634	23.929	1.021	14.785
12/10/2016 9:45:00 PM	258300.000	124.339	19.677
280.085	41764.949	46491.262	30.484
31.614	23.944	1.021	14.780
12/10/2016 10:00:00 PM	259200.000	124.311	19.678
280.022	41754.332	46478.766	30.475
31.606	23.950	1.021	14.789
12/10/2016 10:15:00 PM	260100.000	124.301	19.682
280.001	41796.168	46521.191	30.506
31.634	23.926	1.021	14.782
12/10/2016 10:30:00 PM	261000.000	124.275	19.680
279.941	41779.121	46504.977	30.494
31.623	23.935	1.021	14.789
12/10/2016 10:45:00 PM	261900.000	124.246	19.681
279.875	41801.254	46528.059	30.511
31.639	23.923	1.021	14.799
12/10/2016 11:00:00 PM	262800.000	124.231	19.679
279.842	41781.723	46508.469	30.497
31.626	23.934	1.021	14.797
12/10/2016 11:15:00 PM	263700.000	124.207	19.679
279.789	41786.395	46513.504	30.500
31.629	23.931	1.021	14.798
12/10/2016 11:30:00 PM	264600.000	124.184	19.677
279.738	41795.809	46526.398	30.510
31.638	23.926	1.021	14.799
12/10/2016 11:45:00 PM	265500.000	124.174	19.676
279.713	41782.938	46512.590	30.499
31.629	23.933	1.021	14.796
12/11/2016 12:00:00 AM	266400.000	124.143	19.678
279.643	41775.328	46501.871	30.492
31.621	23.938	1.021	14.801
12/11/2016 12:15:00 AM	267300.000	124.132	19.682
279.620	41788.402	46512.801	30.500
31.629	23.930	1.021	14.799
12/11/2016 12:30:00 AM	268200.000	124.118	19.680
279.588	41793.762	46520.668	30.505
31.634	23.927	1.021	14.797
12/11/2016 12:45:00 AM	269100.000	124.108	19.677
279.565	41784.887	46513.809	30.500
31.629	23.932	1.021	14.796
12/11/2016 1:00:00 AM	270000.000	124.100	19.679
279.546	41801.219	46529.914	30.512
31.640	23.923	1.021	14.798
12/11/2016 1:15:00 AM	270900.000	124.090	19.679
279.525	41774.141	46499.863	30.490

31.620	23.938	1.021	14.806
12/11/2016 1:30:00 AM	271800.000	124.099	19.676
279.544	41781.949	46511.316	30.498
31.628	23.934	1.021	14.802
12/11/2016 1:45:00 AM	272700.000	124.103	19.676
279.554	41789.246	46519.688	30.505
31.633	23.930	1.021	14.799
12/11/2016 2:00:00 AM	273600.000	124.105	19.678
279.558	41761.496	46486.902	30.481
31.611	23.946	1.021	14.803
12/11/2016 2:15:00 AM	274500.000	124.115	19.680
279.581	41798.715	46526.359	30.510
31.638	23.924	1.021	14.804
12/11/2016 2:30:00 AM	275400.000	124.124	19.678
279.600	41797.383	46527.027	30.510
31.638	23.925	1.021	14.811
12/11/2016 2:45:00 AM	276300.000	124.157	19.679
279.676	41783.074	46510.422	30.498
31.627	23.933	1.021	14.804
12/11/2016 3:00:00 AM	277200.000	124.178	19.678
279.724	41786.563	46514.551	30.501
31.630	23.931	1.021	14.805
12/11/2016 3:15:00 AM	278100.000	124.209	19.676
279.793	41777.531	46507.168	30.495
31.625	23.936	1.021	14.805
12/11/2016 3:30:00 AM	279000.000	124.247	19.677
279.878	41792.617	46522.242	30.507
31.635	23.928	1.021	14.799
12/11/2016 3:45:00 AM	279900.000	124.274	19.678
279.939	41800.828	46530.941	30.513
31.641	23.923	1.021	14.807
12/11/2016 4:00:00 AM	280800.000	124.319	19.678
280.040	41815.617	46546.805	30.525
31.652	23.915	1.021	14.804
12/11/2016 4:15:00 AM	281700.000	124.364	19.678
280.142	41796.941	46526.617	30.510
31.638	23.925	1.021	14.803
12/11/2016 4:30:00 AM	282600.000	124.405	19.680
280.235	41830.055	46561.488	30.535
31.662	23.906	1.021	14.800
12/11/2016 4:45:00 AM	283500.000	124.452	19.676
280.340	41804.602	46536.707	30.517
31.645	23.921	1.021	14.798
12/11/2016 5:00:00 AM	284400.000	124.489	19.676
280.424	41790.414	46520.648	30.505
31.634	23.929	1.021	14.802
12/11/2016 5:15:00 AM	285300.000	124.536	19.676
280.530	41801.633	46533.227	30.515
31.643	23.923	1.021	14.803
12/11/2016 5:30:00 AM	286200.000	124.573	19.678
280.612	41787.605	46515.805	30.502
31.631	23.931	1.021	14.810
12/11/2016 5:45:00 AM	287100.000	124.616	19.678
280.709	41774.266	46500.863	30.491
31.621	23.938	1.021	14.803
12/11/2016 6:00:00 AM	288000.000	124.648	19.678

280.781	41768.762	46494.906	30.487
31.617	23.941	1.021	14.809
12/11/2016 6:15:00 AM	288900.000	124.679	19.677
280.852	41779.313	46507.348	30.496
31.625	23.935	1.021	14.810
12/11/2016 6:30:00 AM	289800.000	124.713	19.679
280.929	41793.535	46521.617	30.506
31.635	23.927	1.021	14.811
12/11/2016 6:45:00 AM	290700.000	124.737	19.675
280.983	41790.238	46521.492	30.506
31.635	23.929	1.021	14.817
12/11/2016 7:00:00 AM	291600.000	124.763	19.676
281.041	41810.707	46544.008	30.522
31.650	23.917	1.021	14.812
12/11/2016 7:15:00 AM	292500.000	124.777	19.674
281.073	41783.770	46515.832	30.502
31.631	23.933	1.021	14.814
12/11/2016 7:30:00 AM	293400.000	124.792	19.679
281.106	41785.410	46512.840	30.500
31.629	23.932	1.021	14.815
12/11/2016 7:45:00 AM	294300.000	124.796	19.679
281.116	41769.121	46494.707	30.486
31.616	23.941	1.021	14.817
12/11/2016 8:00:00 AM	295200.000	124.807	19.680
281.140	41800.551	46528.227	30.511
31.639	23.923	1.021	14.810
12/11/2016 8:15:00 AM	296100.000	124.803	19.679
281.132	41798.602	46527.348	30.510
31.639	23.924	1.021	14.816
12/11/2016 8:30:00 AM	297000.000	124.793	19.681
281.109	41812.309	46540.363	30.520
31.647	23.916	1.021	14.816
12/11/2016 8:45:00 AM	297900.000	124.781	19.682
281.082	41792.047	46517.379	30.503
31.632	23.928	1.021	14.814
12/11/2016 9:00:00 AM	298800.000	124.762	19.680
281.039	41784.539	46510.488	30.498
31.627	23.932	1.021	14.820
12/11/2016 9:15:00 AM	299700.000	124.740	19.681
280.989	41799.961	46526.527	30.510
31.638	23.923	1.021	14.820
12/11/2016 9:30:00 AM	300600.000	124.698	19.680
280.894	41818.480	46548.707	30.526
31.653	23.913	1.021	14.826
12/11/2016 9:45:00 AM	301500.000	124.667	19.681
280.824	41731.250	46450.137	30.454
31.586	23.963	1.021	14.824
12/11/2016 10:00:00 AM	302400.000	124.638	19.682
280.759	41755.188	46476.172	30.473
31.604	23.949	1.021	14.822
12/11/2016 10:15:00 AM	303300.000	124.588	19.680
280.646	41792.203	46518.754	30.504
31.633	23.928	1.021	14.820
12/11/2016 10:30:00 AM	304200.000	124.542	19.680
280.543	41801.559	46529.770	30.512
31.640	23.923	1.021	14.818

12/11/2016 10:45:00 AM	305100.000	124.495	19.679
280.436	41781.219	46507.906	30.496
31.625	23.934	1.021	14.821
12/11/2016 11:00:00 AM	306000.000	124.440	19.677
280.313	41798.289	46529.328	30.512
31.640	23.924	1.021	14.818
12/11/2016 11:15:00 AM	306900.000	124.388	19.677
280.195	41802.336	46532.977	30.514
31.642	23.922	1.021	14.819
12/11/2016 11:30:00 AM	307800.000	124.325	19.680
280.054	41799.977	46527.762	30.511
31.639	23.923	1.021	14.812
12/11/2016 11:45:00 AM	308700.000	124.284	19.680
279.961	41820.418	46550.680	30.527
31.654	23.912	1.021	14.816
12/11/2016 12:00:00 PM	309600.000	124.218	19.680
279.814	41771.191	46495.887	30.487
31.617	23.940	1.021	14.816
12/11/2016 12:15:00 PM	310500.000	124.176	19.682
279.719	41778.254	46501.426	30.492
31.621	23.936	1.021	14.806
12/11/2016 12:30:00 PM	311400.000	124.120	19.681
279.592	41818.555	46547.492	30.525
31.652	23.913	1.021	14.806
12/11/2016 12:45:00 PM	312300.000	124.073	19.680
279.485	41780.996	46506.543	30.495
31.624	23.934	1.021	14.805
12/11/2016 1:00:00 PM	313200.000	124.033	19.681
279.397	41798.082	46524.793	30.509
31.637	23.925	1.021	14.799
12/11/2016 1:15:00 PM	314100.000	123.990	19.682
279.299	41782.508	46505.902	30.495
31.624	23.933	1.021	14.798
12/11/2016 1:30:00 PM	315000.000	123.957	19.683
279.226	41800.734	46525.762	30.509
31.638	23.923	1.021	14.800
12/11/2016 1:45:00 PM	315900.000	123.917	19.681
279.135	41802.695	46529.574	30.512
31.640	23.922	1.021	14.803
12/11/2016 2:00:00 PM	316800.000	123.897	19.682
279.090	41776.582	46500.168	30.491
31.620	23.937	1.021	14.799
12/11/2016 2:15:00 PM	317700.000	123.863	19.680
279.014	41782.656	46508.309	30.496
31.626	23.933	1.021	14.803
12/11/2016 2:30:00 PM	318600.000	123.844	19.678
278.971	41779.520	46507.223	30.496
31.625	23.935	1.021	14.807
12/11/2016 2:45:00 PM	319500.000	123.831	19.678
278.942	41782.254	46510.359	30.498
31.627	23.934	1.021	14.802
12/11/2016 3:00:00 PM	320400.000	123.823	19.677
278.924	41787.750	46517.594	30.503
31.632	23.930	1.021	14.809
12/11/2016 3:15:00 PM	321300.000	123.827	19.677
278.933	41770.461	46497.832	30.489

31.619	23.940	1.021	14.803
12/11/2016 3:30:00 PM	322200.000	123.829	19.677
278.938	41803.770	46535.086	30.516
31.644	23.921	1.021	14.804
12/11/2016 3:45:00 PM	323100.000	123.838	19.678
278.958	41768.816	46494.891	30.487
31.617	23.941	1.021	14.805
12/11/2016 4:00:00 PM	324000.000	123.858	19.680
279.003	41779.656	46504.879	30.494
31.623	23.935	1.021	14.802
12/11/2016 4:15:00 PM	324900.000	123.880	19.679
279.052	41796.582	46525.273	30.509
31.637	23.925	1.021	14.801
12/11/2016 4:30:00 PM	325800.000	123.908	19.678
279.115	41793.289	46522.734	30.507
31.635	23.927	1.021	14.799
12/11/2016 4:45:00 PM	326700.000	123.927	19.681
279.158	41806.430	46534.160	30.515
31.643	23.920	1.021	14.800
12/11/2016 5:00:00 PM	327600.000	123.962	19.680
279.237	41774.063	46498.484	30.489
31.619	23.938	1.021	14.797
12/11/2016 5:15:00 PM	328500.000	124.002	19.679
279.328	41775.309	46501.594	30.491
31.621	23.938	1.021	14.791
12/11/2016 5:30:00 PM	329400.000	124.038	19.679
279.409	41802.277	46531.613	30.513
31.642	23.922	1.021	14.794
12/11/2016 5:45:00 PM	330300.000	124.077	19.675
279.496	41768.867	46497.785	30.489
31.618	23.941	1.021	14.794
12/11/2016 6:00:00 PM	331200.000	124.119	19.675
279.590	41807.645	46541.477	30.520
31.648	23.919	1.021	14.797
12/11/2016 6:15:00 PM	332100.000	124.144	19.678
279.645	41796.887	46526.738	30.510
31.638	23.925	1.021	14.800
12/11/2016 6:30:00 PM	333000.000	124.192	19.678
279.754	41770.836	46497.738	30.489
31.618	23.940	1.021	14.800
12/11/2016 6:45:00 PM	333900.000	124.235	19.675
279.851	41773.277	46502.855	30.492
31.622	23.939	1.021	14.794
12/11/2016 7:00:00 PM	334800.000	124.268	19.676
279.927	41804.852	46536.984	30.517
31.645	23.921	1.021	14.791
12/11/2016 7:15:00 PM	335700.000	124.306	19.673
280.012	41775.188	46507.145	30.495
31.625	23.938	1.021	14.793
12/11/2016 7:30:00 PM	336600.000	124.329	19.677
280.062	41793.832	46523.594	30.508
31.636	23.927	1.021	14.799
12/11/2016 7:45:00 PM	337500.000	124.362	19.676
280.137	41773.691	46502.207	30.492
31.622	23.939	1.021	14.795
12/11/2016 8:00:00 PM	338400.000	124.385	19.680

280.190	41793.633	46520.609	30.505
31.634	23.927	1.021	14.792
12/11/2016 8:15:00 PM	339300.000	124.412	19.678
280.251	41800.031	46529.715	30.512
31.640	23.923	1.021	14.797
12/11/2016 8:30:00 PM	340200.000	124.456	19.677
280.350	41800.934	46531.500	30.513
31.641	23.923	1.021	14.798
12/11/2016 8:45:00 PM	341100.000	124.437	19.675
280.307	41785.969	46516.641	30.502
31.631	23.931	1.021	14.798
12/11/2016 9:00:00 PM	342000.000	124.463	19.678
280.366	41794.566	46523.891	30.508
31.636	23.927	1.021	14.790
12/11/2016 9:15:00 PM	342900.000	124.460	19.677
280.359	41778.516	46506.715	30.495
31.625	23.936	1.021	14.793
12/11/2016 9:30:00 PM	343800.000	124.465	19.675
280.369	41791.215	46523.094	30.507
31.636	23.928	1.021	14.795
12/11/2016 9:45:00 PM	344700.000	124.459	19.676
280.357	41821.293	46555.285	30.531
31.658	23.911	1.021	14.789
12/11/2016 10:00:00 PM	345600.000	124.458	19.675
280.354	41796.789	46528.688	30.511
31.640	23.925	1.021	14.794
12/11/2016 10:15:00 PM	346500.000	124.447	19.676
280.328	41771.660	46500.035	30.490
31.620	23.940	1.021	14.792
12/11/2016 10:30:00 PM	347400.000	124.429	19.679
280.289	41768.766	46494.313	30.486
31.616	23.941	1.021	14.791
12/11/2016 10:45:00 PM	348300.000	124.413	19.680
280.253	41804.445	46532.645	30.514
31.642	23.921	1.021	14.799
12/11/2016 11:00:00 PM	349200.000	124.397	19.678
280.217	41773.254	46500.168	30.490
31.620	23.939	1.021	14.795
12/11/2016 11:15:00 PM	350100.000	124.380	19.677
280.179	41796.168	46526.016	30.509
31.638	23.926	1.021	14.794
12/11/2016 11:30:00 PM	351000.000	124.357	19.679
280.125	41783.770	46510.672	30.498
31.627	23.933	1.021	14.797
12/11/2016 11:45:00 PM	351900.000	124.336	19.679
280.078	41798.684	46526.844	30.510
31.638	23.924	1.021	14.796
12/12/2016 12:00:00 AM	352800.000	124.318	19.679
280.038	41796.105	46524.742	30.508
31.637	23.926	1.021	14.791
12/12/2016 12:15:00 AM	353700.000	124.285	19.680
279.964	41781.316	46507.336	30.496
31.625	23.934	1.021	14.799
12/12/2016 12:30:00 AM	354600.000	124.282	19.680
279.958	41777.449	46503.117	30.493
31.622	23.936	1.021	14.790

12/12/2016 12:45:00 AM	355500.000	124.259	19.680
279.906	41791.125	46517.910	30.503
31.632	23.929	1.021	14.795
12/12/2016 1:00:00 AM	356400.000	124.232	19.677
279.845	41772.762	46500.395	30.491
31.620	23.939	1.021	14.798
12/12/2016 1:15:00 AM	357300.000	124.224	19.677
279.827	41786.422	46515.867	30.502
31.631	23.931	1.021	14.797
12/12/2016 1:30:00 AM	358200.000	124.209	19.678
279.793	41764.984	46490.879	30.484
31.614	23.944	1.021	14.794
12/12/2016 1:45:00 AM	359100.000	124.204	19.678
279.782	41747.293	46471.094	30.469
31.600	23.954	1.021	14.794
12/12/2016 2:00:00 AM	360000.000	124.195	19.678
279.761	41820.168	46552.215	30.528
31.656	23.912	1.021	14.790
12/12/2016 2:15:00 AM	360900.000	124.197	19.679
279.765	41795.766	46524.281	30.508
31.637	23.926	1.021	14.789
12/12/2016 2:30:00 AM	361800.000	124.196	19.679
279.763	41802.563	46532.113	30.514
31.642	23.922	1.021	14.797
12/12/2016 2:45:00 AM	362700.000	124.209	19.678
279.792	41808.832	46539.945	30.519
31.647	23.918	1.021	14.795
12/12/2016 3:00:00 AM	363600.000	124.216	19.678
279.808	41768.516	46494.895	30.487
31.617	23.941	1.021	14.795
12/12/2016 3:15:00 AM	364500.000	124.243	19.681
279.870	41801.914	46528.793	30.511
31.640	23.922	1.021	14.787
12/12/2016 3:30:00 AM	365400.000	124.254	19.680
279.893	41773.773	46498.844	30.490
31.619	23.938	1.021	14.793
12/12/2016 3:45:00 AM	366300.000	124.286	19.677
279.967	41754.785	46480.301	30.476
31.607	23.949	1.021	14.789
12/12/2016 4:00:00 AM	367200.000	124.316	19.678
280.035	41804.191	46534.605	30.516
31.644	23.921	1.021	14.787
12/12/2016 4:15:00 AM	368100.000	124.350	19.678
280.111	41815.703	46547.684	30.525
31.652	23.914	1.021	14.787
12/12/2016 4:30:00 AM	369000.000	124.381	19.677
280.181	41790.055	46519.473	30.504
31.633	23.929	1.021	14.790
12/12/2016 4:45:00 AM	369900.000	124.415	19.678
280.256	41783.469	46511.539	30.499
31.628	23.933	1.021	14.798
12/12/2016 5:00:00 AM	370800.000	124.469	19.681
280.378	41782.703	46507.676	30.496
31.625	23.933	1.021	14.788
12/12/2016 5:15:00 AM	371700.000	124.521	19.676
280.496	41786.953	46517.227	30.503

31.632	23.931	1.021	14.787
12/12/2016 5:30:00 AM	372600.000	124.563	19.677
280.591	41807.027	46538.887	30.519
31.646	23.919	1.021	14.786
12/12/2016 5:45:00 AM	373500.000	124.595	19.678
280.663	41797.645	46526.980	30.510
31.638	23.925	1.021	14.794
12/12/2016 6:00:00 AM	374400.000	124.643	19.676
280.771	41795.695	46526.957	30.510
31.638	23.926	1.021	14.794
12/12/2016 6:15:00 AM	375300.000	124.689	19.677
280.874	41800.184	46530.836	30.513
31.641	23.923	1.021	14.794
12/12/2016 6:30:00 AM	376200.000	124.731	19.680
280.969	41774.898	46500.277	30.491
31.620	23.938	1.021	14.792
12/12/2016 6:45:00 AM	377100.000	124.771	19.678
281.058	41799.508	46529.215	30.512
31.640	23.924	1.021	14.796
12/12/2016 7:00:00 AM	378000.000	124.811	19.678
281.149	41799.070	46528.645	30.511
31.639	23.924	1.021	14.797
12/12/2016 7:15:00 AM	378900.000	124.854	19.677
281.245	41814.852	46546.813	30.524
31.652	23.915	1.021	14.790
12/12/2016 7:30:00 AM	379800.000	124.872	19.678
281.286	41788.516	46516.898	30.503
31.631	23.930	1.021	14.796
12/12/2016 7:45:00 AM	380700.000	124.907	19.677
281.364	41802.895	46533.504	30.515
31.643	23.922	1.021	14.788
12/12/2016 8:00:00 AM	381600.000	124.924	19.681
281.404	41801.520	46528.617	30.511
31.639	23.923	1.021	14.794
12/12/2016 8:15:00 AM	382500.000	124.932	19.677
281.421	41801.383	46532.676	30.514
31.642	23.923	1.021	14.802
12/12/2016 8:30:00 AM	383400.000	124.938	19.678
281.435	41790.215	46518.871	30.504
31.633	23.929	1.021	14.801
12/12/2016 8:45:00 AM	384300.000	124.943	19.679
281.447	41811.438	46541.043	30.520
31.648	23.917	1.021	14.805
12/12/2016 9:00:00 AM	385200.000	124.934	19.678
281.427	41796.957	46526.031	30.509
31.638	23.925	1.021	14.808
12/12/2016 9:15:00 AM	386100.000	124.925	19.681
281.406	41793.277	46518.922	30.504
31.633	23.927	1.021	14.809
12/12/2016 9:30:00 AM	387000.000	124.910	19.681
281.371	41772.246	46495.605	30.487
31.617	23.939	1.021	14.811
12/12/2016 9:45:00 AM	387900.000	124.887	19.680
281.321	41781.801	46507.875	30.496
31.625	23.934	1.021	14.808
12/12/2016 10:00:00 AM	388800.000	124.856	19.680

281.250	41775.262	46500.598	30.491
31.620	23.938	1.021	14.816
12/12/2016 10:15:00 AM	389700.000	124.825	19.681
281.180	41786.031	46511.379	30.499
31.628	23.931	1.021	14.810
12/12/2016 10:30:00 AM	390600.000	124.778	19.678
281.074	41811.934	46542.617	30.521
31.649	23.917	1.021	14.812
12/12/2016 10:45:00 AM	391500.000	124.733	19.678
280.974	41787.863	46515.910	30.502
31.631	23.930	1.021	14.812
12/12/2016 11:00:00 AM	392400.000	124.682	19.679
280.858	41797.785	46526.695	30.510
31.638	23.925	1.021	14.811
12/12/2016 11:15:00 AM	393300.000	124.634	19.679
280.749	41785.898	46513.383	30.500
31.629	23.932	1.021	14.809
12/12/2016 11:30:00 AM	394200.000	124.573	19.681
280.613	41820.313	46549.883	30.527
31.654	23.912	1.021	14.799
12/12/2016 11:45:00 AM	395100.000	124.520	19.682
280.493	41795.238	46520.246	30.505
31.634	23.926	1.021	14.798
12/12/2016 12:00:00 PM	396000.000	124.459	19.682
280.356	41755.477	46476.254	30.473
31.604	23.949	1.021	14.794
12/12/2016 12:15:00 PM	396900.000	124.417	19.680
280.261	41775.723	46500.672	30.491
31.620	23.937	1.021	14.779
12/12/2016 12:30:00 PM	397800.000	124.346	19.680
280.101	41804.008	46531.984	30.514
31.642	23.921	1.021	14.785
12/12/2016 12:45:00 PM	398700.000	124.282	19.679
279.958	41806.895	46536.582	30.517
31.645	23.920	1.021	14.783
12/12/2016 1:00:00 PM	399600.000	124.231	19.682
279.843	41795.934	46521.625	30.506
31.635	23.926	1.021	14.777
12/12/2016 1:15:00 PM	400500.000	124.166	19.679
279.697	41773.715	46499.391	30.490
31.620	23.938	1.021	14.784
12/12/2016 1:30:00 PM	401400.000	124.123	19.679
279.600	41790.402	46518.480	30.504
31.633	23.929	1.021	14.774
12/12/2016 1:45:00 PM	402300.000	124.060	19.678
279.458	41799.168	46528.410	30.511
31.639	23.924	1.021	14.788
12/12/2016 2:00:00 PM	403200.000	124.009	19.680
279.342	41796.703	46523.852	30.508
31.636	23.925	1.021	14.783
12/12/2016 2:15:00 PM	404100.000	123.977	19.682
279.270	41797.914	46523.730	30.508
31.636	23.925	1.021	14.777
12/12/2016 2:30:00 PM	405000.000	123.931	19.679
279.166	41776.457	46502.195	30.492
31.621	23.937	1.021	14.781

12/12/2016 2:45:00 PM	405900.000	123.904	19.679
279.106	41802.898	46532.223	30.514
31.642	23.922	1.021	14.776
12/12/2016 3:00:00 PM	406800.000	123.871	19.680
279.030	41788.691	46514.848	30.501
31.630	23.930	1.021	14.779
12/12/2016 3:15:00 PM	407700.000	123.861	19.679
279.008	41781.578	46507.895	30.496
31.625	23.934	1.021	14.775
12/12/2016 3:30:00 PM	408600.000	123.842	19.681
278.965	41771.609	46495.398	30.487
31.617	23.940	1.021	14.778
12/12/2016 3:45:00 PM	409500.000	123.829	19.680
278.936	41792.391	46518.887	30.504
31.633	23.928	1.021	14.780
12/12/2016 4:00:00 PM	410400.000	123.827	19.681
278.932	41810.016	46538.422	30.518
31.646	23.918	1.021	14.776
12/12/2016 4:15:00 PM	411300.000	123.838	19.678
278.957	41812.355	46543.172	30.522
31.649	23.916	1.021	14.772
12/12/2016 4:30:00 PM	412200.000	123.845	19.677
278.973	41768.680	46495.676	30.487
31.617	23.941	1.021	14.773
12/12/2016 4:45:00 PM	413100.000	123.862	19.680
279.012	41771.828	46496.777	30.488
31.618	23.940	1.021	14.767
12/12/2016 5:00:00 PM	414000.000	123.886	19.677
279.066	41761.395	46487.824	30.481
31.612	23.946	1.021	14.766
12/12/2016 5:15:00 PM	414900.000	123.905	19.679
279.107	41778.750	46505.340	30.494
31.624	23.936	1.021	14.772
12/12/2016 5:30:00 PM	415800.000	123.930	19.677
279.164	41804.504	46535.391	30.516
31.644	23.921	1.021	14.777
12/12/2016 5:45:00 PM	416700.000	123.998	19.678
279.317	41747.977	46472.031	30.470
31.601	23.953	1.021	14.773
12/12/2016 6:00:00 PM	417600.000	124.002	19.679
279.327	41775.375	46501.402	30.491
31.621	23.938	1.021	14.779
12/12/2016 6:15:00 PM	418500.000	124.036	19.678
279.402	41826.008	46558.973	30.533
31.660	23.909	1.021	14.780
12/12/2016 6:30:00 PM	419400.000	124.088	19.676
279.519	41775.813	46505.164	30.494
31.624	23.937	1.021	14.775
12/12/2016 6:45:00 PM	420300.000	124.130	19.678
279.616	41799.902	46529.309	30.512
31.640	23.924	1.021	14.772
12/12/2016 7:00:00 PM	421200.000	124.181	19.677
279.730	41777.359	46505.859	30.495
31.624	23.936	1.021	14.772
12/12/2016 7:15:00 PM	422100.000	124.217	19.677
279.810	41770.332	46497.867	30.489

31.619	23.940	1.021	14.779
12/12/2016 7:30:00 PM	423000.000	124.257	19.676
279.901	41797.301	46529.000	30.511
31.640	23.925	1.021	14.779
12/12/2016 7:45:00 PM	423900.000	124.308	19.677
280.017	41781.383	46509.555	30.497
31.626	23.934	1.021	14.775
12/12/2016 8:00:00 PM	424800.000	124.348	19.677
280.107	41787.438	46516.297	30.502
31.631	23.931	1.021	14.778
12/12/2016 8:15:00 PM	425700.000	124.382	19.674
280.182	41753.188	46481.715	30.477
31.608	23.950	1.021	14.776
12/12/2016 8:30:00 PM	426600.000	124.426	19.676
280.281	41805.965	46538.223	30.518
31.646	23.920	1.021	14.771
12/12/2016 8:45:00 PM	427500.000	124.455	19.676
280.348	41772.453	46501.340	30.491
31.621	23.939	1.021	14.771
12/12/2016 9:00:00 PM	428400.000	124.485	19.677
280.414	41800.426	46530.754	30.513
31.641	23.923	1.021	14.779
12/12/2016 9:15:00 PM	429300.000	124.494	19.679
280.436	41783.406	46510.434	30.498
31.627	23.933	1.021	14.780
12/12/2016 9:30:00 PM	430200.000	124.527	19.678
280.510	41768.855	46495.352	30.487
31.617	23.941	1.021	14.775
12/12/2016 9:45:00 PM	431100.000	124.536	19.676
280.529	41768.359	46496.359	30.488
31.618	23.942	1.021	14.780
12/12/2016 10:00:00 PM	432000.000	124.546	19.674
280.552	41767.996	46498.539	30.489
31.619	23.942	1.021	14.781
12/12/2016 10:15:00 PM	432900.000	124.551	19.674
280.564	41762.066	46491.078	30.484
31.614	23.945	1.021	14.786
12/12/2016 10:30:00 PM	433800.000	124.555	19.676
280.573	41799.707	46531.422	30.513
31.641	23.924	1.021	14.775
12/12/2016 10:45:00 PM	434700.000	124.551	19.678
280.563	41784.801	46512.844	30.500
31.629	23.932	1.021	14.780
12/12/2016 11:00:00 PM	435600.000	124.539	19.677
280.537	41793.438	46523.070	30.507
31.636	23.927	1.021	14.782
12/12/2016 11:15:00 PM	436500.000	124.523	19.677
280.501	41789.332	46518.582	30.504
31.633	23.930	1.021	14.786
12/12/2016 11:30:00 PM	437400.000	124.531	19.676
280.519	41768.922	46496.813	30.488
31.618	23.941	1.021	14.772
12/12/2016 11:45:00 PM	438300.000	124.510	19.678
280.472	41752.723	46477.230	30.474
31.605	23.951	1.021	14.778
12/13/2016 12:00:00 AM	439200.000	124.482	19.679

280.407	41766.676	46491.555	30.484
31.614	23.943	1.021	14.786
12/13/2016 12:15:00 AM	440100.000	124.465	19.680
280.370	41765.871	46489.367	30.483
31.613	23.943	1.021	14.777
12/13/2016 12:30:00 AM	441000.000	124.439	19.677
280.310	41787.836	46517.441	30.503
31.632	23.930	1.021	14.784
12/13/2016 12:45:00 AM	441900.000	124.420	19.677
280.269	41784.051	46512.527	30.499
31.629	23.933	1.021	14.780
12/13/2016 1:00:00 AM	442800.000	124.400	19.680
280.222	41806.047	46534.344	30.515
31.643	23.920	1.021	14.777
12/13/2016 1:15:00 AM	443700.000	124.381	19.679
280.181	41785.809	46512.512	30.499
31.629	23.932	1.021	14.779
12/13/2016 1:30:00 AM	444600.000	124.358	19.680
280.128	41793.547	46521.035	30.506
31.634	23.927	1.021	14.782
12/13/2016 1:45:00 AM	445500.000	124.347	19.679
280.103	41789.027	46516.344	30.502
31.631	23.930	1.021	14.786
12/13/2016 2:00:00 AM	446400.000	124.323	19.679
280.050	41796.234	46524.367	30.508
31.637	23.926	1.021	14.789
12/13/2016 2:15:00 AM	447300.000	124.313	19.680
280.028	41783.156	46509.285	30.497
31.626	23.933	1.021	14.784
12/13/2016 2:30:00 AM	448200.000	124.297	19.679
279.990	41807.059	46536.332	30.517
31.645	23.919	1.021	14.786
12/13/2016 2:45:00 AM	449100.000	124.295	19.678
279.986	41805.648	46535.887	30.517
31.644	23.920	1.021	14.787
12/13/2016 3:00:00 AM	450000.000	124.287	19.679
279.968	41763.277	46487.680	30.481
31.612	23.944	1.021	14.790
12/13/2016 3:15:00 AM	450900.000	124.294	19.676
279.985	41748.180	46473.633	30.471
31.602	23.953	1.021	14.786
12/13/2016 3:30:00 AM	451800.000	124.304	19.677
280.007	41775.453	46503.309	30.493
31.622	23.938	1.021	14.783
12/13/2016 3:45:00 AM	452700.000	124.315	19.679
280.032	41802.703	46531.914	30.514
31.642	23.922	1.021	14.780
12/13/2016 4:00:00 AM	453600.000	124.337	19.679
280.080	41767.340	46492.203	30.485
31.615	23.942	1.021	14.780
12/13/2016 4:15:00 AM	454500.000	124.358	19.678
280.128	41803.445	46533.777	30.515
31.643	23.921	1.021	14.780
12/13/2016 4:30:00 AM	455400.000	124.385	19.677
280.188	41772.797	46500.262	30.490
31.620	23.939	1.021	14.774

12/13/2016 4:45:00 AM	456300.000	124.405	19.679
280.235	41756.461	46479.848	30.476
31.606	23.948	1.021	14.777
12/13/2016 5:00:00 AM	457200.000	124.443	19.680
280.321	41781.785	46507.676	30.496
31.625	23.934	1.021	14.775
12/13/2016 5:15:00 AM	458100.000	124.485	19.677
280.416	41771.688	46498.859	30.489
31.619	23.940	1.021	14.776
12/13/2016 5:30:00 AM	459000.000	124.518	19.679
280.489	41795.313	46523.434	30.507
31.636	23.926	1.021	14.776
12/13/2016 5:45:00 AM	459900.000	124.564	19.679
280.592	41805.242	46534.648	30.516
31.644	23.920	1.021	14.773
12/13/2016 6:00:00 AM	460800.000	124.605	19.683
280.684	41794.012	46518.277	30.504
31.632	23.927	1.021	14.779
12/13/2016 6:15:00 AM	461700.000	124.652	19.681
280.791	41809.215	46536.918	30.517
31.645	23.918	1.021	14.777
12/13/2016 6:30:00 AM	462600.000	124.694	19.677
280.885	41800.348	46531.102	30.513
31.641	23.923	1.021	14.784
12/13/2016 6:45:00 AM	463500.000	124.743	19.677
280.995	41777.023	46505.055	30.494
31.623	23.937	1.021	14.781
12/13/2016 7:00:00 AM	464400.000	124.789	19.678
281.100	41779.727	46506.770	30.495
31.625	23.935	1.021	14.785
12/13/2016 7:15:00 AM	465300.000	124.830	19.680
281.191	41789.621	46516.582	30.502
31.631	23.929	1.021	14.786
12/13/2016 7:30:00 AM	466200.000	124.872	19.677
281.287	41803.477	46535.102	30.516
31.644	23.921	1.021	14.782
12/13/2016 7:45:00 AM	467100.000	124.905	19.677
281.360	41764.609	46491.836	30.484
31.614	23.944	1.021	14.790
12/13/2016 8:00:00 AM	468000.000	124.980	19.679
281.530	41813.660	46543.516	30.522
31.650	23.916	1.021	14.791
12/13/2016 8:15:00 AM	468900.000	124.969	19.677
281.506	41775.465	46503.918	30.493
31.623	23.937	1.021	14.794
12/13/2016 8:30:00 AM	469800.000	124.995	19.679
281.564	41794.711	46522.586	30.507
31.635	23.926	1.021	14.795
12/13/2016 8:45:00 AM	470700.000	124.999	19.681
281.572	41817.598	46546.516	30.524
31.652	23.913	1.021	14.812
12/13/2016 9:00:00 AM	471600.000	125.030	19.680
281.642	41815.422	46545.043	30.523
31.651	23.915	1.021	14.798
12/13/2016 9:15:00 AM	472500.000	125.035	19.679
281.653	41785.961	46512.684	30.500

31.629	23.931	1.021	14.809
12/13/2016 9:30:00 AM	473400.000	125.027	19.679
281.636	41792.023	46519.934	30.505
31.634	23.928	1.021	14.810
12/13/2016 9:45:00 AM	474300.000	125.034	19.680
281.652	41803.238	46531.129	30.513
31.641	23.922	1.021	14.804
12/13/2016 10:00:00 AM	475200.000	125.014	19.681
281.607	41833.016	46563.586	30.537
31.663	23.905	1.021	14.811
12/13/2016 10:15:00 AM	476100.000	124.998	19.682
281.570	41819.801	46548.090	30.526
31.653	23.912	1.021	14.811
12/13/2016 10:30:00 AM	477000.000	124.967	19.681
281.499	41801.039	46527.996	30.511
31.639	23.923	1.021	14.807
12/13/2016 10:45:00 AM	477900.000	124.931	19.679
281.420	41787.277	46514.395	30.501
31.630	23.931	1.021	14.813
12/13/2016 11:00:00 AM	478800.000	124.900	19.680
281.350	41816.066	46545.316	30.524
31.651	23.914	1.021	14.810
12/13/2016 11:15:00 AM	479700.000	124.850	19.679
281.238	41830.230	46562.730	30.536
31.663	23.906	1.021	14.803
12/13/2016 11:30:00 AM	480600.000	124.809	19.679
281.143	41810.008	46539.613	30.519
31.647	23.918	1.021	14.803
12/13/2016 11:45:00 AM	481500.000	124.761	19.681
281.035	41824.438	46553.957	30.530
31.657	23.909	1.021	14.796
12/13/2016 12:00:00 PM	482400.000	124.700	19.680
280.899	41781.422	46507.273	30.496
31.625	23.934	1.021	14.797
12/13/2016 12:15:00 PM	483300.000	124.642	19.680
280.768	41800.488	46527.898	30.511
31.639	23.923	1.021	14.790
12/13/2016 12:30:00 PM	484200.000	124.581	19.683
280.631	41818.473	46545.672	30.524
31.651	23.913	1.021	14.783
12/13/2016 12:45:00 PM	485100.000	124.517	19.680
280.486	41812.391	46541.148	30.520
31.648	23.916	1.021	14.782
12/13/2016 1:00:00 PM	486000.000	124.454	19.680
280.345	41817.164	46546.461	30.524
31.652	23.914	1.021	14.779
12/13/2016 1:15:00 PM	486900.000	124.389	19.684
280.199	41797.469	46521.008	30.506
31.634	23.925	1.021	14.778
12/13/2016 1:30:00 PM	487800.000	124.318	19.682
280.039	41822.375	46550.535	30.527
31.654	23.911	1.021	14.780
12/13/2016 1:45:00 PM	488700.000	124.265	19.682
279.920	41798.816	46524.055	30.508
31.636	23.924	1.021	14.770
12/13/2016 2:00:00 PM	489600.000	124.197	19.680

279.766	41777.422	46502.227	30.492
31.622	23.936	1.021	14.766
12/13/2016 2:15:00 PM	490500.000	124.138	19.683
279.634	41785.988	46509.086	30.497
31.626	23.931	1.021	14.780
12/13/2016 2:30:00 PM	491400.000	124.085	19.680
279.514	41809.074	46537.535	30.518
31.646	23.918	1.021	14.778
12/13/2016 2:45:00 PM	492300.000	124.031	19.679
279.392	41765.129	46489.742	30.483
31.613	23.943	1.021	14.777
12/13/2016 3:00:00 PM	493200.000	123.981	19.679
279.279	41818.473	46549.375	30.526
31.654	23.913	1.021	14.776
12/13/2016 3:15:00 PM	494100.000	123.939	19.680
279.185	41803.008	46531.383	30.513
31.641	23.922	1.021	14.770
12/13/2016 3:30:00 PM	495000.000	123.908	19.683
279.115	41769.547	46490.703	30.484
31.614	23.941	1.021	14.769
12/13/2016 3:45:00 PM	495900.000	123.878	19.682
279.047	41805.492	46531.660	30.514
31.642	23.920	1.021	14.773
12/13/2016 4:00:00 PM	496800.000	123.856	19.678
278.997	41826.105	46558.395	30.533
31.660	23.909	1.021	14.771
12/13/2016 4:15:00 PM	497700.000	123.836	19.677
278.952	41772.441	46499.602	30.490
31.620	23.939	1.021	14.771
12/13/2016 4:30:00 PM	498600.000	123.825	19.679
278.927	41779.234	46505.793	30.495
31.624	23.935	1.021	14.769
12/13/2016 4:45:00 PM	499500.000	123.826	19.679
278.931	41798.477	46527.465	30.510
31.639	23.924	1.021	14.767
12/13/2016 5:00:00 PM	500400.000	123.824	19.680
278.925	41765.969	46489.996	30.483
31.613	23.943	1.021	14.766
12/13/2016 5:15:00 PM	501300.000	123.836	19.680
278.952	41788.887	46515.242	30.502
31.630	23.930	1.021	14.767
12/13/2016 5:30:00 PM	502200.000	123.853	19.681
278.991	41823.332	46552.375	30.529
31.656	23.910	1.021	14.761
12/13/2016 5:45:00 PM	503100.000	123.858	19.680
279.003	41742.977	46464.141	30.464
31.596	23.956	1.021	14.774
12/13/2016 6:00:00 PM	504000.000	123.888	19.680
279.071	41776.023	46500.836	30.491
31.621	23.937	1.021	14.771
12/13/2016 6:15:00 PM	504900.000	123.917	19.678
279.136	41801.508	46531.535	30.513
31.641	23.923	1.021	14.772
12/13/2016 6:30:00 PM	505800.000	123.956	19.679
279.223	41812.438	46542.320	30.521
31.649	23.916	1.021	14.775

12/13/2016 6:45:00 PM	506700.000	123.994	19.680
279.309	41796.305	46524.020	30.508
31.636	23.926	1.021	14.774
12/13/2016 7:00:00 PM	507600.000	124.032	19.679
279.393	41794.621	46523.008	30.507
31.636	23.927	1.021	14.774
12/13/2016 7:15:00 PM	508500.000	124.077	19.677
279.496	41793.250	46522.863	30.507
31.636	23.927	1.021	14.775
12/13/2016 7:30:00 PM	509400.000	124.129	19.677
279.612	41783.387	46511.785	30.499
31.628	23.933	1.021	14.768
12/13/2016 7:45:00 PM	510300.000	124.173	19.677
279.713	41791.723	46521.586	30.506
31.635	23.928	1.021	14.773
12/13/2016 8:00:00 PM	511200.000	124.217	19.676
279.812	41813.129	46546.273	30.524
31.651	23.916	1.021	14.777
12/13/2016 8:15:00 PM	512100.000	124.268	19.677
279.925	41781.777	46510.090	30.498
31.627	23.934	1.021	14.777
12/13/2016 8:30:00 PM	513000.000	124.315	19.675
280.032	41806.949	46540.336	30.520
31.647	23.919	1.021	14.777
12/13/2016 8:45:00 PM	513900.000	124.365	19.676
280.143	41789.324	46519.867	30.505
31.634	23.930	1.021	14.776
12/13/2016 9:00:00 PM	514800.000	124.404	19.677
280.232	41781.355	46510.043	30.498
31.627	23.934	1.021	14.781
12/13/2016 9:15:00 PM	515700.000	124.451	19.677
280.338	41783.977	46512.961	30.500
31.629	23.933	1.021	14.776
12/13/2016 9:30:00 PM	516600.000	124.480	19.675
280.403	41828.613	46564.215	30.537
31.664	23.907	1.021	14.777
12/13/2016 9:45:00 PM	517500.000	124.513	19.678
280.479	41805.090	46535.348	30.516
31.644	23.921	1.021	14.779
12/13/2016 10:00:00 PM	518400.000	124.547	19.676
280.555	41756.559	46483.051	30.478
31.608	23.948	1.021	14.780
12/13/2016 10:15:00 PM	519300.000	124.566	19.676
280.597	41774.879	46503.785	30.493
31.623	23.938	1.021	14.793
12/13/2016 10:30:00 PM	520200.000	124.588	19.675
280.647	41757.121	46484.629	30.479
31.610	23.948	1.021	14.786
12/13/2016 10:45:00 PM	521100.000	124.593	19.677
280.658	41796.250	46526.539	30.510
31.638	23.926	1.021	14.793
12/13/2016 11:00:00 PM	522000.000	124.643	19.678
280.770	41755.621	46480.801	30.476
31.607	23.949	1.021	14.785
12/13/2016 11:15:00 PM	522900.000	124.623	19.678
280.726	41765.656	46491.883	30.484

31.614	23.943	1.021	14.777
12/13/2016 11:30:00 PM	523800.000	124.620	19.678
280.718	41811.055	46542.508	30.521
31.649	23.917	1.021	14.785
12/13/2016 11:45:00 PM	524700.000	124.619	19.677
280.717	41791.617	46521.898	30.506
31.635	23.928	1.021	14.778
12/14/2016 12:00:00 AM	525600.000	124.601	19.678
280.676	41794.234	46523.523	30.507
31.636	23.927	1.021	14.787
12/14/2016 12:15:00 AM	526500.000	124.597	19.679
280.666	41782.164	46508.797	30.497
31.626	23.934	1.021	14.782
12/14/2016 12:30:00 AM	527400.000	124.576	19.679
280.619	41805.047	46534.270	30.515
31.643	23.921	1.021	14.784
12/14/2016 12:45:00 AM	528300.000	124.563	19.677
280.591	41799.289	46529.840	30.512
31.640	23.924	1.021	14.783
12/14/2016 1:00:00 AM	529200.000	124.554	19.679
280.570	41808.266	46538.461	30.518
31.646	23.919	1.021	14.776
12/14/2016 1:15:00 AM	530100.000	124.534	19.679
280.525	41792.500	46520.207	30.505
31.634	23.928	1.021	14.767
12/14/2016 1:30:00 AM	531000.000	124.510	19.677
280.471	41789.984	46519.914	30.505
31.634	23.929	1.021	14.775
12/14/2016 1:45:00 AM	531900.000	124.497	19.676
280.443	41778.898	46507.918	30.496
31.625	23.936	1.021	14.770
12/14/2016 2:00:00 AM	532800.000	124.467	19.678
280.374	41742.371	46465.965	30.465
31.597	23.956	1.021	14.776
12/14/2016 2:15:00 AM	533700.000	124.447	19.680
280.328	41783.559	46509.223	30.497
31.626	23.933	1.021	14.779
12/14/2016 2:30:00 AM	534600.000	124.427	19.677
280.285	41780.133	46508.602	30.497
31.626	23.935	1.021	14.779
12/14/2016 2:45:00 AM	535500.000	124.414	19.676
280.254	41803.242	46535.359	30.516
31.644	23.922	1.021	14.780
12/14/2016 3:00:00 AM	536400.000	124.395	19.679
280.213	41778.945	46505.641	30.494
31.624	23.936	1.021	14.779
12/14/2016 3:15:00 AM	537300.000	124.392	19.679
280.205	41769.688	46495.070	30.487
31.617	23.941	1.021	14.779
12/14/2016 3:30:00 AM	538200.000	124.378	19.677
280.173	41771.461	46498.773	30.489
31.619	23.940	1.021	14.783
12/14/2016 3:45:00 AM	539100.000	124.375	19.677
280.167	41792.164	46521.734	30.506
31.635	23.928	1.021	14.778
12/14/2016 4:00:00 AM	540000.000	124.385	19.679

280.189	41808.340	46537.934	30.518
31.646	23.919	1.021	14.767
12/14/2016 4:15:00 AM	540900.000	124.386	19.678
280.192	41771.754	46498.414	30.489
31.619	23.940	1.021	14.767
12/14/2016 4:30:00 AM	541800.000	124.401	19.679
280.224	41770.102	46495.371	30.487
31.617	23.941	1.021	14.763
12/14/2016 4:45:00 AM	542700.000	124.420	19.678
280.269	41734.664	46457.473	30.459
31.591	23.961	1.021	14.755
12/14/2016 5:00:00 AM	543600.000	124.431	19.680
280.293	41785.676	46512.008	30.499
31.628	23.932	1.021	14.757
12/14/2016 5:15:00 AM	544500.000	124.451	19.680
280.337	41793.152	46520.332	30.505
31.634	23.927	1.021	14.763
12/14/2016 5:30:00 AM	545400.000	124.482	19.681
280.407	41789.645	46515.313	30.502
31.630	23.929	1.021	14.758
12/14/2016 5:45:00 AM	546300.000	124.511	19.680
280.473	41807.922	46536.953	30.517
31.645	23.919	1.021	14.762
12/14/2016 6:00:00 AM	547200.000	124.548	19.679
280.557	41814.363	46544.895	30.523
31.651	23.915	1.021	14.763
12/14/2016 6:15:00 AM	548100.000	124.589	19.677
280.650	41760.172	46486.461	30.480
31.611	23.946	1.021	14.760
12/14/2016 6:30:00 AM	549000.000	124.629	19.676
280.739	41782.410	46512.078	30.499
31.628	23.934	1.021	14.759
12/14/2016 6:45:00 AM	549900.000	124.670	19.677
280.832	41778.613	46507.086	30.495
31.625	23.936	1.021	14.764
12/14/2016 7:00:00 AM	550800.000	124.710	19.679
280.921	41795.027	46523.113	30.507
31.636	23.926	1.021	14.765
12/14/2016 7:15:00 AM	551700.000	124.749	19.679
281.009	41788.719	46515.844	30.502
31.631	23.930	1.021	14.769
12/14/2016 7:30:00 AM	552600.000	124.798	19.680
281.119	41792.617	46519.305	30.504
31.633	23.928	1.021	14.760
12/14/2016 7:45:00 AM	553500.000	124.846	19.680
281.228	41787.883	46514.465	30.501
31.630	23.930	1.021	14.759
12/14/2016 8:00:00 AM	554400.000	124.899	19.677
281.346	41776.402	46504.711	30.494
31.623	23.937	1.021	14.755
12/14/2016 8:15:00 AM	555300.000	124.926	19.677
281.409	41791.844	46521.199	30.506
31.634	23.928	1.021	14.761
12/14/2016 8:30:00 AM	556200.000	124.966	19.677
281.498	41766.418	46493.332	30.485
31.615	23.943	1.021	14.764

12/14/2016 8:45:00 AM	557100.000	124.996	19.679
281.567	41793.375	46521.184	30.506
31.634	23.927	1.021	14.761
12/14/2016 9:00:00 AM	558000.000	125.031	19.680
281.645	41839.738	46572.367	30.543
31.669	23.901	1.021	14.757
12/14/2016 9:15:00 AM	558900.000	125.048	19.680
281.683	41827.324	46558.633	30.533
31.660	23.908	1.021	14.777
12/14/2016 9:30:00 AM	559800.000	125.068	19.680
281.728	41791.859	46518.891	30.504
31.633	23.928	1.021	14.773
12/14/2016 9:45:00 AM	560700.000	125.084	19.678
281.763	41776.715	46503.414	30.493
31.622	23.937	1.021	14.775
12/14/2016 10:00:00 AM	561600.000	125.097	19.679
281.794	41760.031	46484.066	30.479
31.609	23.946	1.021	14.770
12/14/2016 10:15:00 AM	562500.000	125.091	19.680
281.779	41811.500	46540.156	30.520
31.647	23.917	1.021	14.773
12/14/2016 10:30:00 AM	563400.000	125.092	19.679
281.782	41790.645	46518.398	30.504
31.633	23.929	1.021	14.769
12/14/2016 10:45:00 AM	564300.000	125.075	19.679
281.744	41792.727	46520.984	30.506
31.634	23.928	1.021	14.774
12/14/2016 11:00:00 AM	565200.000	125.062	19.680
281.714	41779.758	46505.422	30.494
31.624	23.935	1.021	14.769
12/14/2016 11:15:00 AM	566100.000	125.037	19.682
281.659	41788.918	46513.559	30.500
31.629	23.930	1.021	14.768
12/14/2016 11:30:00 AM	567000.000	124.995	19.685
281.562	41789.449	46511.480	30.499
31.628	23.929	1.021	14.768
12/14/2016 11:45:00 AM	567900.000	124.965	19.683
281.495	41804.035	46529.691	30.512
31.640	23.921	1.021	14.766
12/14/2016 12:00:00 PM	568800.000	124.925	19.681
281.406	41809.488	46536.883	30.517
31.645	23.918	1.021	14.756
12/14/2016 12:15:00 PM	569700.000	124.875	19.681
281.294	41778.156	46502.258	30.492
31.622	23.936	1.021	14.757
12/14/2016 12:30:00 PM	570600.000	124.826	19.682
281.182	41777.477	46500.477	30.491
31.620	23.936	1.021	14.749
12/14/2016 12:45:00 PM	571500.000	124.766	19.680
281.048	41787.016	46512.902	30.500
31.629	23.931	1.021	14.750
12/14/2016 1:00:00 PM	572400.000	124.705	19.682
280.911	41789.020	46513.754	30.501
31.629	23.930	1.021	14.750
12/14/2016 1:15:00 PM	573300.000	124.644	19.682
280.773	41789.949	46514.961	30.501

31.630	23.929	1.021	14.751
12/14/2016 1:30:00 PM	574200.000	124.575	19.679
280.617	41816.113	46546.410	30.524
31.652	23.914	1.021	14.750
12/14/2016 1:45:00 PM	575100.000	124.507	19.679
280.465	41798.313	46526.434	30.510
31.638	23.924	1.021	14.747
12/14/2016 2:00:00 PM	576000.000	124.448	19.682
280.331	41770.297	46492.914	30.485
31.615	23.940	1.021	14.742
12/14/2016 2:15:00 PM	576900.000	124.386	19.683
280.192	41806.020	46531.809	30.514
31.642	23.920	1.021	14.743
12/14/2016 2:30:00 PM	577800.000	124.312	19.684
280.025	41807.484	46532.504	30.514
31.642	23.919	1.021	14.747
12/14/2016 2:45:00 PM	578700.000	124.259	19.682
279.905	41799.582	46524.906	30.509
31.637	23.924	1.021	14.740
12/14/2016 3:00:00 PM	579600.000	124.185	19.685
279.740	41812.883	46537.469	30.518
31.645	23.916	1.021	14.747
12/14/2016 3:15:00 PM	580500.000	124.147	19.683
279.653	41788.754	46512.426	30.500
31.628	23.930	1.021	14.736
12/14/2016 3:30:00 PM	581400.000	124.082	19.684
279.508	41806.320	46531.207	30.513
31.641	23.920	1.021	14.742
12/14/2016 3:45:00 PM	582300.000	124.040	19.681
279.413	41785.563	46510.336	30.498
31.627	23.932	1.021	14.736
12/14/2016 4:00:00 PM	583200.000	124.008	19.680
279.340	41793.809	46520.805	30.506
31.634	23.927	1.021	14.731
12/14/2016 4:15:00 PM	584100.000	123.954	19.682
279.219	41788.066	46512.090	30.499
31.628	23.930	1.021	14.744
12/14/2016 4:30:00 PM	585000.000	123.933	19.682
279.171	41809.250	46536.445	30.517
31.645	23.918	1.021	14.739
12/14/2016 4:45:00 PM	585900.000	123.903	19.681
279.104	41798.547	46525.043	30.509
31.637	23.924	1.021	14.736
12/14/2016 5:00:00 PM	586800.000	123.888	19.683
279.070	41806.840	46532.383	30.514
31.642	23.920	1.021	14.738
12/14/2016 5:15:00 PM	587700.000	123.869	19.681
279.028	41787.219	46512.434	30.500
31.628	23.931	1.021	14.740
12/14/2016 5:30:00 PM	588600.000	123.863	19.678
279.014	41786.418	46514.391	30.501
31.630	23.931	1.021	14.740
12/14/2016 5:45:00 PM	589500.000	123.864	19.678
279.015	41747.656	46471.848	30.470
31.601	23.953	1.021	14.738
12/14/2016 6:00:00 PM	590400.000	123.868	19.678

279.025	41822.832	46555.098	30.531
31.657	23.910	1.021	14.741
12/14/2016 6:15:00 PM	591300.000	123.881	19.681
279.054	41816.766	46545.934	30.524
31.651	23.914	1.021	14.739
12/14/2016 6:30:00 PM	592200.000	123.902	19.680
279.102	41772.656	46497.441	30.488
31.618	23.939	1.021	14.737
12/14/2016 6:45:00 PM	593100.000	123.930	19.679
279.165	41790.543	46517.875	30.503
31.632	23.929	1.021	14.737
12/14/2016 7:00:00 PM	594000.000	123.962	19.675
279.237	41766.203	46495.418	30.487
31.617	23.943	1.021	14.736
12/14/2016 7:15:00 PM	594900.000	123.990	19.678
279.301	41765.219	46490.703	30.483
31.614	23.943	1.021	14.742
12/14/2016 7:30:00 PM	595800.000	124.036	19.677
279.402	41777.820	46506.375	30.495
31.624	23.936	1.021	14.732
12/14/2016 7:45:00 PM	596700.000	124.080	19.679
279.501	41767.277	46492.836	30.485
31.615	23.942	1.021	14.733
12/14/2016 8:00:00 PM	597600.000	124.124	19.676
279.601	41802.852	46535.016	30.516
31.644	23.922	1.021	14.730
12/14/2016 8:15:00 PM	598500.000	124.169	19.681
279.703	41802.359	46529.719	30.512
31.640	23.922	1.021	14.730
12/14/2016 8:30:00 PM	599400.000	124.222	19.680
279.821	41831.688	46563.223	30.537
31.663	23.905	1.021	14.735
12/14/2016 8:45:00 PM	600300.000	124.264	19.677
279.916	41782.813	46512.098	30.499
31.628	23.933	1.021	14.736
12/14/2016 9:00:00 PM	601200.000	124.310	19.680
280.020	41768.297	46492.234	30.485
31.615	23.942	1.021	14.746
12/14/2016 9:15:00 PM	602100.000	124.357	19.678
280.127	41801.051	46530.934	30.513
31.641	23.923	1.021	14.743
12/14/2016 9:30:00 PM	603000.000	124.410	19.677
280.246	41775.910	46503.727	30.493
31.623	23.937	1.021	14.743
12/14/2016 9:45:00 PM	603900.000	124.458	19.674
280.353	41820.566	46556.539	30.531
31.658	23.912	1.021	14.743
12/14/2016 10:00:00 PM	604800.000	124.496	19.678
280.439	41794.910	46523.754	30.508
31.636	23.926	1.021	14.744
12/14/2016 10:15:00 PM	605700.000	124.537	19.678
280.531	41777.500	46504.461	30.494
31.623	23.936	1.021	14.744
12/14/2016 10:30:00 PM	606600.000	124.575	19.677
280.618	41803.188	46534.090	30.515
31.643	23.922	1.021	14.738

12/14/2016 10:45:00 PM	607500.000	124.603	19.678
280.679	41812.621	46544.070	30.522
31.650	23.916	1.021	14.745
12/14/2016 11:00:00 PM	608400.000	124.632	19.676
280.746	41805.328	46537.590	30.518
31.646	23.920	1.021	14.742
12/14/2016 11:15:00 PM	609300.000	124.653	19.677
280.793	41791.359	46521.098	30.506
31.634	23.928	1.021	14.742
12/14/2016 11:30:00 PM	610200.000	124.676	19.678
280.844	41815.816	46547.625	30.525
31.652	23.914	1.021	14.741
12/14/2016 11:45:00 PM	611100.000	124.686	19.677
280.868	41808.621	46540.734	30.520
31.648	23.919	1.021	14.744

Report Date: 12/19/2016 10:28:56 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-3M Pre Test_2016-12-15_08-10-43-348.wsl
Create Date: 12/15/2016 8:10:37 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/4/2016 9:51:18 AM	Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
8/4/2016 9:51:18 AM	Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/4/2016 6:34:20 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/11/2016 1:16:15 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
8/18/2016 9:21:05 AM	Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM
8/25/2016 4:07:35 PM	Log Download - Used Battery: 29% Used Memory: 68% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 5:00:00 PM
9/1/2016 12:59:12 PM	Log Download - Used Battery: 29% Used Memory: 70% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:45:00 PM
9/8/2016 11:13:11 AM	Log Download - Used Battery: 30% Used Memory: 70% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 11:00:00 AM
9/15/2016 6:58:02 PM	Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 7:45:00 PM
9/22/2016 3:14:35 PM	Log Download - Used Battery: 30% Used Memory: 71% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 4:00:00 PM
10/2/2016 8:04:19 AM	Log Download - Used Battery: 31% Used Memory: 73% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 9:00:00 AM
10/7/2016 6:04:51 PM	Log Download - Used Battery: 31% Used Memory: 73% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 6:00:00 PM
10/13/2016 9:44:09 AM	Log Download - Used Battery: 31% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 9:30:00 AM
10/20/2016 8:55:55 AM	Log Download - Used Battery: 32% Used Memory: 75% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 8:45:00 AM
10/27/2016 10:03:23 AM	Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 10:45:00 AM
11/3/2016 8:57:49 AM	Log Download - Used Battery: 32% Used Memory: 76% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 10:45:00 AM
11/10/2016 1:07:57 PM	Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 1:00:00 PM
11/17/2016 8:17:28 AM	Log Download - Used Battery: 33% Used Memory: 78% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:15:00 AM
11/24/2016 3:09:39 PM	Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 3:00:00 PM
12/1/2016 1:58:18 PM	Log Download - Used Battery: 34% Used Memory: 79% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 1:45:00 PM
12/8/2016 8:48:01 AM	Log Download - Used Battery: 34% Used Memory: 81% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 8:45:00 AM
12/15/2016 8:10:18 AM	Log Download - Used Battery: 35% Used Memory: 81% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 8:00:00 AM

Log Data:
Record Count: 712
Sensors: 1

1 - 395601: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
	Elapsed Time	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
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)
12/8/2016 12:00:00 AM	7200.000	65.284	17.069	147.058	34327.895	40456.660	26.010	27.511	29.131	1.019
12/8/2016 12:15:00 AM	8100.000	65.284	17.069	147.058	34336.000	40465.902	26.017	27.517	29.124	1.019
12/8/2016 12:30:00 AM	9000.000	65.286	17.069	147.062	34344.422	40476.141	26.024	27.524	29.117	1.019
12/8/2016 12:45:00 AM	9900.000	65.291	17.069	147.073	34341.891	40472.668	26.022	27.521	29.119	1.019
12/8/2016 1:00:00 AM	10800.000	65.290	17.068	147.073	34353.992	40487.746	26.032	27.532	29.109	1.019
12/8/2016 1:15:00 AM	11700.000	65.294	17.069	147.081	34333.387	40462.891	26.015	27.515	29.126	1.019
12/8/2016 1:30:00 AM	12600.000	65.290	17.069	147.073	34340.418	40470.855	26.020	27.520	29.120	1.019
12/8/2016 1:45:00 AM	13500.000	65.294	17.069	147.082	34357.348	40491.059	26.035	27.534	29.106	1.019
12/8/2016 2:00:00 AM	14400.000	65.303	17.069	147.101	34345.070	40476.500	26.024	27.524	29.116	1.019
12/8/2016 2:15:00 AM	15300.000	65.305	17.068	147.106	34339.926	40471.082	26.020	27.520	29.121	1.019
12/8/2016 2:30:00 AM	16200.000	65.305	17.069	147.106	34346.430	40478.191	26.025	27.525	29.115	1.019
12/8/2016 2:45:00 AM	17100.000	65.310	17.069	147.116	34349.484	40481.953	26.028	27.528	29.113	1.019
12/8/2016 3:00:00 AM	18000.000	65.315	17.069	147.128	34319.164	40446.129	26.003	27.503	29.138	1.019

12/8/2016 3:15:00 AM	18900.000	65.321	17.069
147.141	34328.047	40456.840	26.010
27.511	29.131	1.019	
12/8/2016 3:30:00 AM	19800.000	65.324	17.069
147.148	34337.953	40468.027	26.018
27.518	29.122	1.019	
12/8/2016 3:45:00 AM	20700.000	65.331	17.069
147.165	34343.715	40475.305	26.023
27.523	29.117	1.019	
12/8/2016 4:00:00 AM	21600.000	65.334	17.069
147.170	34327.012	40455.703	26.009
27.510	29.132	1.019	
12/8/2016 4:15:00 AM	22500.000	65.336	17.069
147.176	34317.371	40444.258	26.001
27.502	29.140	1.019	
12/8/2016 4:30:00 AM	23400.000	65.341	17.069
147.187	34329.598	40458.355	26.011
27.512	29.129	1.019	
12/8/2016 4:45:00 AM	24300.000	65.346	17.069
147.198	34347.082	40478.711	26.026
27.526	29.115	1.019	
12/8/2016 5:00:00 AM	25200.000	65.351	17.069
147.210	34352.313	40485.438	26.031
27.530	29.110	1.019	
12/8/2016 5:15:00 AM	26100.000	65.351	17.069
147.209	34321.945	40449.246	26.005
27.505	29.136	1.019	
12/8/2016 5:30:00 AM	27000.000	65.356	17.069
147.220	34329.453	40458.496	26.011
27.512	29.130	1.019	
12/8/2016 5:45:00 AM	27900.000	65.358	17.069
147.225	34334.836	40464.688	26.016
27.516	29.125	1.019	
12/8/2016 6:00:00 AM	28800.000	65.359	17.069
147.228	34318.094	40444.473	26.001
27.502	29.139	1.019	
12/8/2016 6:15:00 AM	29700.000	65.361	17.069
147.232	34340.637	40471.367	26.021
27.521	29.120	1.019	
12/8/2016 6:30:00 AM	30600.000	65.360	17.069
147.229	34348.078	40480.203	26.027
27.527	29.114	1.019	
12/8/2016 6:45:00 AM	31500.000	65.361	17.069
147.233	34345.949	40477.215	26.025
27.525	29.116	1.019	
12/8/2016 7:00:00 AM	32400.000	65.366	17.069
147.243	34338.238	40468.699	26.019
27.519	29.122	1.019	
12/8/2016 7:15:00 AM	33300.000	65.362	17.068
147.234	34340.145	40471.660	26.021
27.521	29.120	1.019	
12/8/2016 7:30:00 AM	34200.000	65.360	17.068
147.230	34344.563	40476.465	26.024
27.524	29.117	1.019	
12/8/2016 7:45:00 AM	35100.000	65.359	17.068

147.227	34337.809	40468.504	26.019
27.519	29.122	1.019	
12/8/2016 8:00:00 AM	36000.000	65.357	17.069
147.223	34334.801	40464.801	26.016
27.516	29.125	1.019	
12/8/2016 8:15:00 AM	36900.000	65.356	17.069
147.220	34320.344	40447.520	26.004
27.504	29.137	1.019	
12/8/2016 8:30:00 AM	37800.000	65.351	17.068
147.210	34332.469	40462.379	26.014
27.514	29.127	1.019	
12/8/2016 8:45:00 AM	38700.000	65.350	17.068
147.208	34321.363	40449.121	26.005
27.505	29.136	1.019	
12/8/2016 9:00:00 AM	39600.000	65.348	17.069
147.202	34352.316	40484.719	26.030
27.530	29.110	1.019	
12/8/2016 9:15:00 AM	40500.000	65.345	17.069
147.196	34320.016	40447.293	26.003
27.504	29.138	1.019	
12/8/2016 9:30:00 AM	41400.000	65.338	17.068
147.181	34356.590	40491.125	26.035
27.534	29.106	1.019	
12/8/2016 9:45:00 AM	42300.000	65.337	17.068
147.179	34330.023	40459.410	26.012
27.512	29.129	1.019	
12/8/2016 10:00:00 AM	43200.000	65.332	17.068
147.167	34330.539	40459.938	26.012
27.513	29.129	1.019	
12/8/2016 10:15:00 AM	44100.000	65.329	17.069
147.161	34341.848	40473.188	26.022
27.522	29.119	1.019	
12/8/2016 10:30:00 AM	45000.000	65.333	17.069
147.169	34334.008	40463.461	26.015
27.515	29.126	1.019	
12/8/2016 10:45:00 AM	45900.000	65.322	17.069
147.144	34343.340	40474.863	26.023
27.523	29.118	1.019	
12/8/2016 11:00:00 AM	46800.000	65.321	17.068
147.141	34319.805	40447.285	26.003
27.504	29.138	1.019	
12/8/2016 11:15:00 AM	47700.000	65.318	17.068
147.136	34344.441	40476.641	26.024
27.524	29.117	1.019	
12/8/2016 11:30:00 AM	48600.000	65.311	17.068
147.120	34324.563	40453.215	26.008
27.508	29.134	1.019	
12/8/2016 11:45:00 AM	49500.000	65.311	17.069
147.119	34336.113	40466.348	26.017
27.517	29.124	1.019	
12/8/2016 12:00:00 PM	50400.000	65.309	17.068
147.114	34333.820	40463.973	26.015
27.516	29.126	1.019	
12/8/2016 12:15:00 PM	51300.000	65.301	17.069
147.097	34342.410	40473.613	26.022

27.522	29.119	1.019	
12/8/2016 12:30:00 PM	52200.000	65.302	17.069
147.100	34327.469	40456.160	26.010
27.510	29.131	1.019	
12/8/2016 12:45:00 PM	53100.000	65.297	17.069
147.088	34341.801	40472.805	26.022
27.522	29.119	1.019	
12/8/2016 1:00:00 PM	54000.000	65.296	17.069
147.086	34344.805	40476.188	26.024
27.524	29.116	1.019	
12/8/2016 1:15:00 PM	54900.000	65.296	17.069
147.085	34353.996	40487.340	26.032
27.531	29.109	1.019	
12/8/2016 1:30:00 PM	55800.000	65.296	17.068
147.085	34340.762	40472.305	26.021
27.521	29.120	1.019	
12/8/2016 1:45:00 PM	56700.000	65.295	17.068
147.083	34339.512	40470.594	26.020
27.520	29.121	1.019	
12/8/2016 2:00:00 PM	57600.000	65.296	17.069
147.085	34334.988	40465.020	26.016
27.516	29.125	1.019	
12/8/2016 2:15:00 PM	58500.000	65.296	17.069
147.085	34351.949	40484.699	26.030
27.530	29.110	1.019	
12/8/2016 2:30:00 PM	59400.000	65.294	17.069
147.081	34347.828	40480.070	26.027
27.526	29.114	1.019	
12/8/2016 2:45:00 PM	60300.000	65.296	17.068
147.086	34333.496	40463.668	26.015
27.515	29.126	1.019	
12/8/2016 3:00:00 PM	61200.000	65.300	17.068
147.095	34341.520	40472.879	26.022
27.522	29.119	1.019	
12/8/2016 3:15:00 PM	62100.000	65.302	17.069
147.100	34337.660	40467.766	26.018
27.518	29.123	1.019	
12/8/2016 3:30:00 PM	63000.000	65.299	17.068
147.093	34305.508	40430.758	25.992
27.493	29.150	1.019	
12/8/2016 3:45:00 PM	63900.000	65.306	17.069
147.108	34322.750	40450.680	26.006
27.506	29.135	1.019	
12/8/2016 4:00:00 PM	64800.000	65.302	17.069
147.099	34329.234	40458.238	26.011
27.512	29.130	1.019	
12/8/2016 4:15:00 PM	65700.000	65.308	17.069
147.113	34332.887	40462.625	26.014
27.515	29.127	1.019	
12/8/2016 4:30:00 PM	66600.000	65.309	17.069
147.114	34331.414	40460.809	26.013
27.513	29.128	1.019	
12/8/2016 4:45:00 PM	67500.000	65.311	17.068
147.119	34344.563	40476.785	26.024
27.524	29.117	1.019	

12/8/2016 5:00:00 PM	68400.000	65.311	17.069
147.120	34350.188	40483.016	26.029
27.528	29.112	1.019	
12/8/2016 5:15:00 PM	69300.000	65.312	17.068
147.122	34334.590	40465.113	26.016
27.516	29.125	1.019	
12/8/2016 5:30:00 PM	70200.000	65.312	17.069
147.122	34345.641	40477.492	26.025
27.525	29.116	1.019	
12/8/2016 5:45:00 PM	71100.000	65.311	17.069
147.120	34319.914	40447.012	26.003
27.504	29.138	1.019	
12/8/2016 6:00:00 PM	72000.000	65.313	17.069
147.123	34337.578	40467.992	26.018
27.518	29.123	1.019	
12/8/2016 6:15:00 PM	72900.000	65.314	17.068
147.127	34333.898	40464.063	26.015
27.516	29.126	1.019	
12/8/2016 6:30:00 PM	73800.000	65.313	17.068
147.123	34330.473	40460.027	26.012
27.513	29.129	1.019	
12/8/2016 6:45:00 PM	74700.000	65.310	17.069
147.117	34321.547	40449.027	26.005
27.505	29.136	1.019	
12/8/2016 7:00:00 PM	75600.000	65.310	17.069
147.117	34332.352	40461.602	26.014
27.514	29.127	1.019	
12/8/2016 7:15:00 PM	76500.000	65.308	17.069
147.113	34337.254	40467.773	26.018
27.518	29.123	1.019	
12/8/2016 7:30:00 PM	77400.000	65.307	17.068
147.110	34332.469	40462.293	26.014
27.514	29.127	1.019	
12/8/2016 7:45:00 PM	78300.000	65.304	17.068
147.103	34320.762	40448.414	26.004
27.505	29.137	1.019	
12/8/2016 8:00:00 PM	79200.000	65.303	17.069
147.101	34340.504	40471.605	26.021
27.521	29.120	1.019	
12/8/2016 8:15:00 PM	80100.000	65.298	17.068
147.091	34336.871	40467.480	26.018
27.518	29.123	1.019	
12/8/2016 8:30:00 PM	81000.000	65.294	17.069
147.081	34334.402	40464.414	26.016
27.516	29.125	1.019	
12/8/2016 8:45:00 PM	81900.000	65.291	17.068
147.074	34337.570	40468.305	26.018
27.518	29.123	1.019	
12/8/2016 9:00:00 PM	82800.000	65.288	17.068
147.068	34331.109	40460.930	26.013
27.513	29.128	1.019	
12/8/2016 9:15:00 PM	83700.000	65.284	17.068
147.059	34335.930	40466.777	26.017
27.517	29.124	1.019	
12/8/2016 9:30:00 PM	84600.000	65.278	17.069

147.045	34338.574	40469.328	26.019
27.519	29.122	1.019	
12/8/2016 9:45:00 PM	85500.000	65.274	17.068
147.036	34325.910	40454.563	26.009
27.509	29.133	1.019	
12/8/2016 10:00:00 PM	86400.000	65.270	17.068
147.027	34340.672	40472.523	26.021
27.521	29.120	1.019	
12/8/2016 10:15:00 PM	87300.000	65.266	17.068
147.018	34355.383	40489.383	26.033
27.533	29.108	1.019	
12/8/2016 10:30:00 PM	88200.000	65.263	17.068
147.012	34338.461	40469.441	26.019
27.519	29.122	1.019	
12/8/2016 10:45:00 PM	89100.000	65.258	17.068
146.999	34317.898	40445.207	26.002
27.503	29.139	1.019	
12/8/2016 11:00:00 PM	90000.000	65.254	17.068
146.992	34327.813	40456.723	26.010
27.511	29.131	1.019	
12/8/2016 11:15:00 PM	90900.000	65.250	17.069
146.982	34344.418	40476.219	26.024
27.524	29.117	1.019	
12/8/2016 11:30:00 PM	91800.000	65.252	17.069
146.987	34351.777	40484.891	26.030
27.530	29.111	1.019	
12/8/2016 11:45:00 PM	92700.000	65.244	17.069
146.969	34355.781	40489.527	26.033
27.533	29.107	1.019	
12/9/2016 12:00:00 AM	93600.000	65.240	17.068
146.960	34353.129	40486.727	26.031
27.531	29.109	1.019	
12/9/2016 12:15:00 AM	94500.000	65.246	17.069
146.972	34350.547	40483.359	26.029
27.529	29.112	1.019	
12/9/2016 12:30:00 AM	95400.000	65.245	17.069
146.972	34325.719	40453.941	26.008
27.509	29.133	1.019	
12/9/2016 12:45:00 AM	96300.000	65.241	17.068
146.961	34337.703	40468.547	26.019
27.519	29.123	1.019	
12/9/2016 1:00:00 AM	97200.000	65.245	17.069
146.971	34336.266	40466.609	26.017
27.517	29.124	1.019	
12/9/2016 1:15:00 AM	98100.000	65.242	17.068
146.964	34344.496	40476.789	26.024
27.524	29.117	1.019	
12/9/2016 1:30:00 AM	99000.000	65.249	17.069
146.981	34347.031	40478.902	26.026
27.526	29.115	1.019	
12/9/2016 1:45:00 AM	99900.000	65.246	17.069
146.973	34336.629	40466.316	26.017
27.517	29.123	1.019	
12/9/2016 2:00:00 AM	100800.000	65.250	17.068
146.982	34354.332	40488.145	26.032

27.532	29.108	1.019	
12/9/2016 2:15:00 AM	101700.000	65.259	17.069
147.001	34326.004	40454.281	26.008
27.509	29.132	1.019	
12/9/2016 2:30:00 AM	102600.000	65.257	17.069
146.998	34361.539	40496.066	26.038
27.537	29.102	1.019	
12/9/2016 2:45:00 AM	103500.000	65.261	17.069
147.007	34335.586	40465.320	26.016
27.516	29.124	1.019	
12/9/2016 3:00:00 AM	104400.000	65.268	17.069
147.024	34329.352	40458.297	26.011
27.512	29.130	1.019	
12/9/2016 3:15:00 AM	105300.000	65.271	17.068
147.028	34364.699	40500.195	26.041
27.540	29.100	1.019	
12/9/2016 3:30:00 AM	106200.000	65.277	17.068
147.043	34345.012	40477.555	26.025
27.525	29.116	1.019	
12/9/2016 3:45:00 AM	107100.000	65.282	17.068
147.055	34345.922	40478.234	26.025
27.525	29.116	1.019	
12/9/2016 4:00:00 AM	108000.000	65.285	17.069
147.061	34346.035	40477.957	26.025
27.525	29.115	1.019	
12/9/2016 4:15:00 AM	108900.000	65.292	17.069
147.077	34336.934	40467.070	26.018
27.518	29.123	1.019	
12/9/2016 4:30:00 AM	109800.000	65.298	17.069
147.089	34340.375	40471.289	26.020
27.520	29.120	1.019	
12/9/2016 4:45:00 AM	110700.000	65.300	17.069
147.095	34344.254	40475.629	26.024
27.523	29.117	1.019	
12/9/2016 5:00:00 AM	111600.000	65.304	17.069
147.103	34348.379	40480.316	26.027
27.527	29.113	1.019	
12/9/2016 5:15:00 AM	112500.000	65.308	17.069
147.113	34379.027	40516.609	26.053
27.551	29.088	1.019	
12/9/2016 5:30:00 AM	113400.000	65.316	17.069
147.131	34348.066	40480.121	26.027
27.526	29.114	1.019	
12/9/2016 5:45:00 AM	114300.000	65.315	17.069
147.129	34334.813	40464.500	26.016
27.516	29.125	1.019	
12/9/2016 6:00:00 AM	115200.000	65.320	17.069
147.139	34340.867	40471.867	26.021
27.521	29.120	1.019	
12/9/2016 6:15:00 AM	116100.000	65.323	17.069
147.146	34343.543	40474.859	26.023
27.523	29.118	1.019	
12/9/2016 6:30:00 AM	117000.000	65.327	17.069
147.156	34339.332	40470.059	26.020
27.520	29.121	1.019	

12/9/2016 6:45:00 AM	117900.000	65.330	17.069
147.163	34342.488	40473.137	26.022
27.522	29.118	1.019	
12/9/2016 7:00:00 AM	118800.000	65.330	17.069
147.163	34361.941	40496.063	26.038
27.537	29.102	1.019	
12/9/2016 7:15:00 AM	119700.000	65.329	17.070
147.159	34342.883	40473.289	26.022
27.522	29.118	1.019	
12/9/2016 7:30:00 AM	120600.000	65.332	17.069
147.167	34361.465	40495.586	26.038
27.537	29.102	1.019	
12/9/2016 7:45:00 AM	121500.000	65.330	17.069
147.162	34343.047	40474.031	26.022
27.522	29.118	1.019	
12/9/2016 8:00:00 AM	122400.000	65.333	17.069
147.168	34358.918	40492.660	26.036
27.535	29.105	1.019	
12/9/2016 8:15:00 AM	123300.000	65.327	17.069
147.156	34335.898	40465.453	26.016
27.517	29.124	1.019	
12/9/2016 8:30:00 AM	124200.000	65.327	17.069
147.155	34341.078	40471.559	26.021
27.521	29.120	1.019	
12/9/2016 8:45:00 AM	125100.000	65.327	17.069
147.156	34349.313	40481.176	26.028
27.527	29.113	1.019	
12/9/2016 9:00:00 AM	126000.000	65.319	17.069
147.138	34354.793	40488.117	26.032
27.532	29.108	1.019	
12/9/2016 9:15:00 AM	126900.000	65.320	17.069
147.140	34339.164	40469.145	26.019
27.519	29.121	1.019	
12/9/2016 9:30:00 AM	127800.000	65.317	17.069
147.134	34349.570	40482.055	26.028
27.528	29.112	1.019	
12/9/2016 9:45:00 AM	128700.000	65.311	17.069
147.119	34350.301	40482.344	26.028
27.528	29.112	1.019	
12/9/2016 10:00:00 AM	129600.000	65.309	17.069
147.115	34364.973	40500.113	26.041
27.540	29.099	1.019	
12/9/2016 10:15:00 AM	130500.000	65.305	17.069
147.107	34349.852	40481.977	26.028
27.528	29.112	1.019	
12/9/2016 10:30:00 AM	131400.000	65.305	17.069
147.106	34344.105	40475.281	26.023
27.523	29.117	1.019	
12/9/2016 10:45:00 AM	132300.000	65.296	17.069
147.085	34355.301	40488.805	26.033
27.532	29.108	1.019	
12/9/2016 11:00:00 AM	133200.000	65.293	17.069
147.080	34356.422	40490.035	26.034
27.533	29.107	1.019	
12/9/2016 11:15:00 AM	134100.000	65.284	17.069

147.059	34365.648	40500.844	26.042
27.541	29.099	1.019	
12/9/2016 11:30:00 AM	135000.000	65.281	17.069
147.052	34344.047	40475.383	26.023
27.523	29.117	1.019	
12/9/2016 11:45:00 AM	135900.000	65.275	17.069
147.039	34337.516	40467.359	26.018
27.518	29.123	1.019	
12/9/2016 12:00:00 PM	136800.000	65.271	17.069
147.028	34364.207	40499.375	26.040
27.540	29.100	1.019	
12/9/2016 12:15:00 PM	137700.000	65.268	17.069
147.024	34348.945	40481.316	26.028
27.527	29.113	1.019	
12/9/2016 12:30:00 PM	138600.000	65.258	17.070
147.000	34361.844	40495.711	26.038
27.537	29.102	1.019	
12/9/2016 12:45:00 PM	139500.000	65.259	17.070
147.003	34359.316	40492.570	26.036
27.535	29.104	1.019	
12/9/2016 1:00:00 PM	140400.000	65.254	17.069
146.992	34352.418	40485.250	26.030
27.530	29.110	1.019	
12/9/2016 1:15:00 PM	141300.000	65.253	17.069
146.989	34344.879	40476.039	26.024
27.524	29.116	1.019	
12/9/2016 1:30:00 PM	142200.000	65.250	17.070
146.983	34347.906	40479.289	26.026
27.526	29.114	1.019	
12/9/2016 1:45:00 PM	143100.000	65.248	17.069
146.977	34347.109	40478.742	26.026
27.526	29.115	1.019	
12/9/2016 2:00:00 PM	144000.000	65.248	17.069
146.977	34345.527	40476.879	26.025
27.524	29.116	1.019	
12/9/2016 2:15:00 PM	144900.000	65.242	17.069
146.964	34363.813	40498.266	26.040
27.539	29.100	1.019	
12/9/2016 2:30:00 PM	145800.000	65.242	17.069
146.964	34353.141	40485.930	26.031
27.530	29.109	1.019	
12/9/2016 2:45:00 PM	146700.000	65.242	17.069
146.964	34347.066	40478.941	26.026
27.526	29.115	1.019	
12/9/2016 3:00:00 PM	147600.000	65.241	17.069
146.962	34338.504	40468.441	26.019
27.519	29.122	1.019	
12/9/2016 3:15:00 PM	148500.000	65.244	17.069
146.969	34370.684	40506.527	26.046
27.544	29.095	1.019	
12/9/2016 3:30:00 PM	149400.000	65.243	17.070
146.966	34349.906	40481.480	26.028
27.527	29.112	1.019	
12/9/2016 3:45:00 PM	150300.000	65.242	17.069
146.964	34359.891	40494.371	26.037

27.536	29.104	1.019	
12/9/2016 4:00:00 PM	151200.000	65.247	17.069
146.975	34355.715	40489.367	26.033
27.533	29.107	1.019	
12/9/2016 4:15:00 PM	152100.000	65.249	17.069
146.981	34353.949	40486.727	26.032
27.531	29.109	1.019	
12/9/2016 4:30:00 PM	153000.000	65.251	17.069
146.984	34342.965	40474.176	26.023
27.522	29.118	1.019	
12/9/2016 4:45:00 PM	153900.000	65.255	17.069
146.992	34343.711	40474.816	26.023
27.523	29.117	1.019	
12/9/2016 5:00:00 PM	154800.000	65.256	17.069
146.997	34362.320	40496.668	26.039
27.538	29.102	1.019	
12/9/2016 5:15:00 PM	155700.000	65.262	17.069
147.009	34354.762	40487.762	26.032
27.532	29.108	1.019	
12/9/2016 5:30:00 PM	156600.000	65.261	17.069
147.007	34337.668	40468.027	26.018
27.518	29.123	1.019	
12/9/2016 5:45:00 PM	157500.000	65.263	17.069
147.012	34353.559	40486.422	26.031
27.531	29.109	1.019	
12/9/2016 6:00:00 PM	158400.000	65.267	17.069
147.020	34342.813	40473.516	26.022
27.522	29.118	1.019	
12/9/2016 6:15:00 PM	159300.000	65.263	17.069
147.012	34340.609	40471.402	26.021
27.521	29.120	1.019	
12/9/2016 6:30:00 PM	160200.000	65.271	17.069
147.029	34373.613	40510.055	26.048
27.547	29.092	1.019	
12/9/2016 6:45:00 PM	161100.000	65.271	17.069
147.030	34339.863	40470.125	26.020
27.520	29.121	1.019	
12/9/2016 7:00:00 PM	162000.000	65.276	17.070
147.040	34363.262	40497.063	26.039
27.538	29.101	1.019	
12/9/2016 7:15:00 PM	162900.000	65.271	17.069
147.030	34367.250	40502.797	26.043
27.542	29.097	1.019	
12/9/2016 7:30:00 PM	163800.000	65.271	17.069
147.030	34331.043	40459.887	26.012
27.513	29.128	1.019	
12/9/2016 7:45:00 PM	164700.000	65.274	17.069
147.036	34350.961	40483.359	26.029
27.529	29.111	1.019	
12/9/2016 8:00:00 PM	165600.000	65.276	17.069
147.041	34353.117	40486.074	26.031
27.531	29.109	1.019	
12/9/2016 8:15:00 PM	166500.000	65.272	17.069
147.031	34342.340	40473.281	26.022
27.522	29.119	1.019	

12/9/2016 8:30:00 PM	167400.000	65.274	17.069
147.035	34352.465	40484.977	26.030
27.530	29.110	1.019	
12/9/2016 8:45:00 PM	168300.000	65.271	17.069
147.029	34361.125	40495.512	26.038
27.537	29.103	1.019	
12/9/2016 9:00:00 PM	169200.000	65.268	17.069
147.024	34346.094	40477.309	26.025
27.525	29.115	1.019	
12/9/2016 9:15:00 PM	170100.000	65.267	17.069
147.020	34350.727	40483.324	26.029
27.529	29.111	1.019	
12/9/2016 9:30:00 PM	171000.000	65.261	17.069
147.007	34344.645	40476.402	26.024
27.524	29.117	1.019	
12/9/2016 9:45:00 PM	171900.000	65.259	17.069
147.001	34373.547	40509.902	26.048
27.547	29.092	1.019	
12/9/2016 10:00:00 PM	172800.000	65.255	17.069
146.993	34339.898	40470.168	26.020
27.520	29.121	1.019	
12/9/2016 10:15:00 PM	173700.000	65.250	17.069
146.982	34364.492	40499.066	26.040
27.539	29.100	1.019	
12/9/2016 10:30:00 PM	174600.000	65.248	17.069
146.978	34357.730	40491.184	26.035
27.534	29.106	1.019	
12/9/2016 10:45:00 PM	175500.000	65.247	17.069
146.974	34340.242	40471.059	26.020
27.520	29.120	1.019	
12/9/2016 11:00:00 PM	176400.000	65.245	17.069
146.971	34354.313	40487.391	26.032
27.531	29.108	1.019	
12/9/2016 11:15:00 PM	177300.000	65.239	17.069
146.957	34361.941	40496.543	26.038
27.538	29.102	1.019	
12/9/2016 11:30:00 PM	178200.000	65.236	17.069
146.951	34352.652	40485.434	26.031
27.530	29.110	1.019	
12/9/2016 11:45:00 PM	179100.000	65.233	17.069
146.943	34382.465	40520.973	26.056
27.554	29.085	1.019	
12/10/2016 12:00:00 AM	180000.000	65.227	17.069
146.931	34362.203	40496.609	26.039
27.538	29.102	1.019	
12/10/2016 12:15:00 AM	180900.000	65.228	17.069
146.933	34347.242	40478.738	26.026
27.526	29.114	1.019	
12/10/2016 12:30:00 AM	181800.000	65.227	17.069
146.929	34346.805	40478.461	26.026
27.525	29.115	1.019	
12/10/2016 12:45:00 AM	182700.000	65.223	17.070
146.920	34354.359	40486.891	26.032
27.531	29.108	1.019	
12/10/2016 1:00:00 AM	183600.000	65.224	17.070

146.922	34366.805	40501.316	26.042
27.541	29.098	1.019	
12/10/2016 1:15:00 AM	184500.000	65.222	17.070
146.919	34356.441	40489.348	26.033
27.533	29.107	1.019	
12/10/2016 1:30:00 AM	185400.000	65.223	17.070
146.920	34354.387	40486.926	26.032
27.531	29.108	1.019	
12/10/2016 1:45:00 AM	186300.000	65.225	17.070
146.927	34351.910	40484.078	26.030
27.529	29.110	1.019	
12/10/2016 2:00:00 AM	187200.000	65.227	17.069
146.930	34354.141	40486.867	26.032
27.531	29.109	1.019	
12/10/2016 2:15:00 AM	188100.000	65.231	17.070
146.939	34359.141	40492.363	26.036
27.535	29.104	1.019	
12/10/2016 2:30:00 AM	189000.000	65.234	17.069
146.947	34358.410	40491.984	26.035
27.535	29.105	1.019	
12/10/2016 2:45:00 AM	189900.000	65.237	17.069
146.953	34387.730	40526.539	26.060
27.558	29.080	1.019	
12/10/2016 3:00:00 AM	190800.000	65.239	17.069
146.956	34368.586	40503.816	26.044
27.543	29.096	1.019	
12/10/2016 3:15:00 AM	191700.000	65.246	17.070
146.973	34362.758	40496.711	26.039
27.538	29.101	1.019	
12/10/2016 3:30:00 AM	192600.000	65.244	17.069
146.969	34358.109	40492.117	26.035
27.535	29.105	1.019	
12/10/2016 3:45:00 AM	193500.000	65.250	17.069
146.983	34375.301	40511.891	26.049
27.548	29.091	1.019	
12/10/2016 4:00:00 AM	194400.000	65.257	17.070
146.997	34350.039	40481.480	26.028
27.527	29.112	1.019	
12/10/2016 4:15:00 AM	195300.000	65.268	17.069
147.024	34355.473	40488.363	26.033
27.532	29.107	1.019	
12/10/2016 4:30:00 AM	196200.000	65.272	17.070
147.031	34372.102	40507.801	26.047
27.545	29.093	1.019	
12/10/2016 4:45:00 AM	197100.000	65.273	17.070
147.034	34352.641	40484.867	26.030
27.530	29.110	1.019	
12/10/2016 5:00:00 AM	198000.000	65.282	17.069
147.055	34344.824	40475.887	26.024
27.524	29.116	1.019	
12/10/2016 5:15:00 AM	198900.000	65.286	17.070
147.063	34363.512	40497.355	26.039
27.538	29.101	1.019	
12/10/2016 5:30:00 AM	199800.000	65.287	17.070
147.066	34366.984	40501.770	26.042

27.541	29.098	1.019	
12/10/2016 5:45:00 AM	200700.000	65.297	17.070
147.088	34368.254	40502.945	26.043
27.542	29.097	1.019	
12/10/2016 6:00:00 AM	201600.000	65.299	17.070
147.093	34382.809	40520.176	26.055
27.554	29.084	1.019	
12/10/2016 6:15:00 AM	202500.000	65.307	17.070
147.110	34378.707	40515.184	26.052
27.550	29.088	1.019	
12/10/2016 6:30:00 AM	203400.000	65.310	17.071
147.116	34384.070	40521.098	26.056
27.554	29.083	1.019	
12/10/2016 6:45:00 AM	204300.000	65.314	17.070
147.126	34350.383	40481.488	26.028
27.527	29.112	1.019	
12/10/2016 7:00:00 AM	205200.000	65.316	17.070
147.130	34371.914	40506.863	26.046
27.545	29.094	1.019	
12/10/2016 7:15:00 AM	206100.000	65.320	17.070
147.139	34366.633	40500.801	26.042
27.541	29.098	1.019	
12/10/2016 7:30:00 AM	207000.000	65.319	17.070
147.138	34394.547	40533.605	26.065
27.563	29.074	1.019	
12/10/2016 7:45:00 AM	207900.000	65.321	17.071
147.141	34363.102	40495.914	26.038
27.537	29.101	1.019	
12/10/2016 8:00:00 AM	208800.000	65.323	17.071
147.147	34381.859	40518.492	26.054
27.553	29.085	1.019	
12/10/2016 8:15:00 AM	209700.000	65.323	17.071
147.145	34389.359	40527.020	26.060
27.558	29.079	1.019	
12/10/2016 8:30:00 AM	210600.000	65.319	17.071
147.138	34382.828	40519.566	26.055
27.553	29.084	1.019	
12/10/2016 8:45:00 AM	211500.000	65.321	17.071
147.142	34385.383	40522.414	26.057
27.555	29.082	1.019	
12/10/2016 9:00:00 AM	212400.000	65.319	17.071
147.137	34392.773	40530.797	26.063
27.561	29.076	1.019	
12/10/2016 9:15:00 AM	213300.000	65.318	17.071
147.135	34388.684	40526.535	26.060
27.558	29.079	1.019	
12/10/2016 9:30:00 AM	214200.000	65.316	17.071
147.131	34390.043	40527.984	26.061
27.559	29.078	1.019	
12/10/2016 9:45:00 AM	215100.000	65.319	17.071
147.138	34404.703	40545.344	26.073
27.571	29.066	1.019	
12/10/2016 10:00:00 AM	216000.000	65.307	17.070
147.110	34395.188	40534.359	26.065
27.563	29.074	1.019	

12/10/2016 10:15:00 AM	216900.000	65.302	17.071
147.098	34400.680	40540.281	26.070
27.567	29.069	1.019	
12/10/2016 10:30:00 AM	217800.000	65.297	17.071
147.088	34378.867	40514.734	26.052
27.550	29.088	1.019	
12/10/2016 10:45:00 AM	218700.000	65.294	17.071
147.082	34395.703	40534.738	26.066
27.564	29.073	1.019	
12/10/2016 11:00:00 AM	219600.000	65.294	17.071
147.082	34381.938	40518.113	26.054
27.552	29.085	1.019	
12/10/2016 11:15:00 AM	220500.000	65.288	17.071
147.067	34381.004	40516.859	26.053
27.551	29.086	1.019	
12/10/2016 11:30:00 AM	221400.000	65.281	17.070
147.051	34406.969	40548.176	26.075
27.573	29.064	1.019	
12/10/2016 11:45:00 AM	222300.000	65.271	17.071
147.030	34387.707	40525.152	26.059
27.557	29.080	1.019	
12/10/2016 12:00:00 PM	223200.000	65.268	17.071
147.024	34375.313	40510.547	26.049
27.547	29.091	1.019	
12/10/2016 12:15:00 PM	224100.000	65.263	17.071
147.012	34394.566	40533.078	26.065
27.562	29.074	1.019	
12/10/2016 12:30:00 PM	225000.000	65.257	17.071
146.998	34397.750	40536.988	26.067
27.565	29.072	1.019	
12/10/2016 12:45:00 PM	225900.000	65.251	17.071
146.985	34376.633	40512.332	26.050
27.548	29.090	1.019	
12/10/2016 1:00:00 PM	226800.000	65.243	17.072
146.966	34411.879	40552.992	26.079
27.576	29.060	1.019	
12/10/2016 1:15:00 PM	227700.000	65.243	17.071
146.967	34403.520	40543.547	26.072
27.570	29.067	1.019	
12/10/2016 1:30:00 PM	228600.000	65.234	17.071
146.946	34388.477	40525.496	26.059
27.557	29.080	1.019	
12/10/2016 1:45:00 PM	229500.000	65.229	17.071
146.935	34389.594	40526.980	26.060
27.558	29.079	1.019	
12/10/2016 2:00:00 PM	230400.000	65.227	17.070
146.930	34384.375	40521.617	26.056
27.555	29.083	1.019	
12/10/2016 2:15:00 PM	231300.000	65.226	17.070
146.927	34407.785	40549.137	26.076
27.573	29.063	1.019	
12/10/2016 2:30:00 PM	232200.000	65.222	17.071
146.919	34395.691	40534.727	26.066
27.564	29.073	1.019	
12/10/2016 2:45:00 PM	233100.000	65.220	17.070

146.915	34385.824	40523.324	26.058
27.556	29.082	1.019	
12/10/2016 3:00:00 PM	234000.000	65.219	17.071
146.912	34381.789	40518.340	26.054
27.552	29.085	1.019	
12/10/2016 3:15:00 PM	234900.000	65.218	17.071
146.910	34386.262	40523.527	26.058
27.556	29.081	1.019	
12/10/2016 3:30:00 PM	235800.000	65.214	17.071
146.900	34400.074	40539.957	26.069
27.567	29.070	1.019	
12/10/2016 3:45:00 PM	236700.000	65.216	17.071
146.904	34400.582	40540.000	26.070
27.567	29.069	1.019	
12/10/2016 4:00:00 PM	237600.000	65.217	17.071
146.908	34393.102	40531.352	26.063
27.561	29.076	1.019	
12/10/2016 4:15:00 PM	238500.000	65.218	17.071
146.909	34411.836	40553.750	26.079
27.577	29.060	1.019	
12/10/2016 4:30:00 PM	239400.000	65.218	17.071
146.910	34371.691	40506.195	26.045
27.544	29.094	1.019	
12/10/2016 4:45:00 PM	240300.000	65.222	17.070
146.919	34387.148	40524.816	26.059
27.557	29.081	1.019	
12/10/2016 5:00:00 PM	241200.000	65.225	17.070
146.927	34376.098	40511.793	26.049
27.548	29.090	1.019	
12/10/2016 5:15:00 PM	242100.000	65.229	17.071
146.934	34393.484	40531.637	26.064
27.562	29.075	1.019	
12/10/2016 5:30:00 PM	243000.000	65.233	17.071
146.943	34392.813	40531.246	26.063
27.561	29.076	1.019	
12/10/2016 5:45:00 PM	243900.000	65.235	17.070
146.949	34384.672	40522.059	26.057
27.555	29.083	1.019	
12/10/2016 6:00:00 PM	244800.000	65.238	17.071
146.954	34369.910	40504.410	26.044
27.543	29.095	1.019	
12/10/2016 6:15:00 PM	245700.000	65.238	17.070
146.955	34406.863	40548.363	26.075
27.573	29.064	1.019	
12/10/2016 6:30:00 PM	246600.000	65.243	17.071
146.967	34386.516	40523.422	26.058
27.556	29.081	1.019	
12/10/2016 6:45:00 PM	247500.000	65.252	17.070
146.987	34374.043	40509.926	26.048
27.547	29.092	1.019	
12/10/2016 7:00:00 PM	248400.000	65.248	17.071
146.978	34398.508	40537.961	26.068
27.566	29.071	1.019	
12/10/2016 7:15:00 PM	249300.000	65.254	17.070
146.990	34378.188	40514.258	26.051

27.550	29.088	1.019	
12/10/2016 7:30:00 PM	250200.000	65.259	17.071
147.003	34380.242	40516.586	26.053
27.551	29.086	1.019	
12/10/2016 7:45:00 PM	251100.000	65.264	17.070
147.013	34381.383	40518.418	26.054
27.553	29.086	1.019	
12/10/2016 8:00:00 PM	252000.000	65.261	17.070
147.008	34379.770	40516.121	26.052
27.551	29.087	1.019	
12/10/2016 8:15:00 PM	252900.000	65.261	17.071
147.007	34370.535	40504.918	26.045
27.543	29.095	1.019	
12/10/2016 8:30:00 PM	253800.000	65.265	17.071
147.017	34392.031	40530.480	26.063
27.561	29.077	1.019	
12/10/2016 8:45:00 PM	254700.000	65.262	17.071
147.009	34381.637	40518.078	26.054
27.552	29.085	1.019	
12/10/2016 9:00:00 PM	255600.000	65.264	17.071
147.013	34383.813	40520.480	26.056
27.554	29.083	1.019	
12/10/2016 9:15:00 PM	256500.000	65.261	17.071
147.007	34375.672	40511.199	26.049
27.548	29.090	1.019	
12/10/2016 9:30:00 PM	257400.000	65.267	17.071
147.020	34369.953	40504.395	26.044
27.543	29.095	1.019	
12/10/2016 9:45:00 PM	258300.000	65.262	17.070
147.009	34369.855	40504.598	26.044
27.543	29.095	1.019	
12/10/2016 10:00:00 PM	259200.000	65.258	17.071
146.999	34400.332	40540.195	26.070
27.567	29.069	1.019	
12/10/2016 10:15:00 PM	260100.000	65.255	17.070
146.993	34394.438	40533.406	26.065
27.563	29.074	1.019	
12/10/2016 10:30:00 PM	261000.000	65.251	17.071
146.984	34378.098	40513.672	26.051
27.549	29.088	1.019	
12/10/2016 10:45:00 PM	261900.000	65.252	17.071
146.987	34390.613	40528.184	26.061
27.559	29.078	1.019	
12/10/2016 11:00:00 PM	262800.000	65.247	17.071
146.974	34391.695	40529.930	26.062
27.560	29.077	1.019	
12/10/2016 11:15:00 PM	263700.000	65.249	17.071
146.979	34386.574	40523.980	26.058
27.556	29.081	1.019	
12/10/2016 11:30:00 PM	264600.000	65.240	17.071
146.959	34404.289	40544.695	26.073
27.570	29.066	1.019	
12/10/2016 11:45:00 PM	265500.000	65.237	17.071
146.953	34400.531	40540.496	26.070
27.568	29.069	1.019	

12/11/2016 12:00:00 AM	266400.000	65.240	17.071
146.959	34376.832	40511.852	26.049
27.548	29.089	1.019	
12/11/2016 12:15:00 AM	267300.000	65.236	17.071
146.951	34393.512	40531.996	26.064
27.562	29.075	1.019	
12/11/2016 12:30:00 AM	268200.000	65.229	17.071
146.935	34390.168	40528.129	26.061
27.559	29.078	1.019	
12/11/2016 12:45:00 AM	269100.000	65.229	17.071
146.934	34390.277	40528.344	26.061
27.559	29.078	1.019	
12/11/2016 1:00:00 AM	270000.000	65.224	17.071
146.922	34388.199	40525.895	26.059
27.558	29.080	1.019	
12/11/2016 1:15:00 AM	270900.000	65.223	17.071
146.920	34383.086	40519.871	26.055
27.554	29.084	1.019	
12/11/2016 1:30:00 AM	271800.000	65.220	17.071
146.914	34400.730	40540.344	26.070
27.567	29.069	1.019	
12/11/2016 1:45:00 AM	272700.000	65.221	17.071
146.918	34379.453	40515.426	26.052
27.550	29.087	1.019	
12/11/2016 2:00:00 AM	273600.000	65.225	17.070
146.927	34366.762	40500.859	26.042
27.541	29.098	1.019	
12/11/2016 2:15:00 AM	274500.000	65.226	17.071
146.927	34389.957	40527.805	26.061
27.559	29.078	1.019	
12/11/2016 2:30:00 AM	275400.000	65.220	17.071
146.915	34398.840	40538.352	26.068
27.566	29.071	1.019	
12/11/2016 2:45:00 AM	276300.000	65.225	17.071
146.927	34378.879	40514.668	26.051
27.550	29.088	1.019	
12/11/2016 3:00:00 AM	277200.000	65.227	17.071
146.931	34379.770	40515.559	26.052
27.551	29.087	1.019	
12/11/2016 3:15:00 AM	278100.000	65.233	17.071
146.943	34382.355	40518.605	26.054
27.553	29.085	1.019	
12/11/2016 3:30:00 AM	279000.000	65.247	17.071
146.975	34388.141	40525.664	26.059
27.557	29.080	1.019	
12/11/2016 3:45:00 AM	279900.000	65.235	17.071
146.949	34377.996	40513.223	26.050
27.549	29.088	1.019	
12/11/2016 4:00:00 AM	280800.000	65.243	17.071
146.966	34378.820	40514.523	26.051
27.550	29.088	1.019	
12/11/2016 4:15:00 AM	281700.000	65.248	17.071
146.977	34406.305	40546.742	26.074
27.572	29.064	1.019	
12/11/2016 4:30:00 AM	282600.000	65.251	17.071

146.984	34398.043	40537.094	26.067
27.565	29.071	1.019	
12/11/2016 4:45:00 AM	283500.000	65.256	17.071
146.996	34380.559	40516.570	26.053
27.551	29.086	1.019	
12/11/2016 5:00:00 AM	284400.000	65.261	17.071
147.008	34393.113	40531.602	26.064
27.561	29.076	1.019	
12/11/2016 5:15:00 AM	285300.000	65.266	17.071
147.018	34379.969	40515.953	26.052
27.551	29.087	1.019	
12/11/2016 5:30:00 AM	286200.000	65.274	17.071
147.036	34394.039	40532.691	26.064
27.562	29.075	1.019	
12/11/2016 5:45:00 AM	287100.000	65.282	17.071
147.055	34401.422	40541.156	26.070
27.568	29.069	1.019	
12/11/2016 6:00:00 AM	288000.000	65.287	17.071
147.066	34395.105	40533.309	26.065
27.563	29.074	1.019	
12/11/2016 6:15:00 AM	288900.000	65.297	17.071
147.088	34400.695	40539.895	26.069
27.567	29.069	1.019	
12/11/2016 6:30:00 AM	289800.000	65.298	17.071
147.091	34380.070	40515.828	26.052
27.551	29.087	1.019	
12/11/2016 6:45:00 AM	290700.000	65.302	17.072
147.098	34406.770	40546.813	26.074
27.572	29.064	1.019	
12/11/2016 7:00:00 AM	291600.000	65.305	17.071
147.107	34416.957	40559.059	26.083
27.580	29.055	1.019	
12/11/2016 7:15:00 AM	292500.000	65.310	17.071
147.116	34403.582	40543.297	26.072
27.569	29.067	1.019	
12/11/2016 7:30:00 AM	293400.000	65.314	17.072
147.127	34409.594	40550.141	26.077
27.574	29.062	1.019	
12/11/2016 7:45:00 AM	294300.000	65.322	17.072
147.143	34409.945	40550.555	26.077
27.574	29.061	1.019	
12/11/2016 8:00:00 AM	295200.000	65.322	17.072
147.144	34401.496	40540.520	26.070
27.568	29.069	1.019	
12/11/2016 8:15:00 AM	296100.000	65.326	17.072
147.153	34430.754	40574.586	26.094
27.591	29.044	1.019	
12/11/2016 8:30:00 AM	297000.000	65.324	17.072
147.149	34415.594	40556.492	26.081
27.578	29.057	1.019	
12/11/2016 8:45:00 AM	297900.000	65.323	17.072
147.147	34402.547	40541.836	26.071
27.568	29.068	1.019	
12/11/2016 9:00:00 AM	298800.000	65.323	17.072
147.147	34422.938	40565.625	26.088

27.585	29.050	1.019	
12/11/2016 9:15:00 AM	299700.000	65.319	17.072
147.138	34412.676	40553.281	26.079
27.576	29.059	1.019	
12/11/2016 9:30:00 AM	300600.000	65.323	17.072
147.145	34422.160	40564.629	26.087
27.584	29.051	1.019	
12/11/2016 9:45:00 AM	301500.000	65.320	17.072
147.139	34436.969	40581.684	26.099
27.596	29.039	1.019	
12/11/2016 10:00:00 AM	302400.000	65.321	17.072
147.141	34420.930	40563.262	26.086
27.583	29.052	1.019	
12/11/2016 10:15:00 AM	303300.000	65.317	17.072
147.133	34412.359	40552.996	26.079
27.576	29.059	1.019	
12/11/2016 10:30:00 AM	304200.000	65.308	17.072
147.113	34418.945	40560.672	26.084
27.581	29.054	1.019	
12/11/2016 10:45:00 AM	305100.000	65.310	17.072
147.117	34396.938	40534.508	26.066
27.563	29.072	1.019	
12/11/2016 11:00:00 AM	306000.000	65.300	17.072
147.095	34433.375	40577.844	26.097
27.593	29.042	1.019	
12/11/2016 11:15:00 AM	306900.000	65.298	17.073
147.089	34421.109	40562.742	26.086
27.583	29.052	1.019	
12/11/2016 11:30:00 AM	307800.000	65.286	17.072
147.063	34441.746	40587.379	26.103
27.599	29.035	1.019	
12/11/2016 11:45:00 AM	308700.000	65.285	17.072
147.061	34423.820	40566.828	26.089
27.585	29.050	1.019	
12/11/2016 12:00:00 PM	309600.000	65.274	17.072
147.036	34406.086	40545.770	26.074
27.571	29.065	1.019	
12/11/2016 12:15:00 PM	310500.000	65.266	17.072
147.019	34416.395	40557.992	26.082
27.579	29.056	1.019	
12/11/2016 12:30:00 PM	311400.000	65.263	17.072
147.010	34416.141	40557.930	26.082
27.579	29.056	1.019	
12/11/2016 12:45:00 PM	312300.000	65.255	17.072
146.993	34404.391	40543.605	26.072
27.570	29.066	1.019	
12/11/2016 1:00:00 PM	313200.000	65.250	17.072
146.983	34409.254	40549.418	26.076
27.574	29.062	1.019	
12/11/2016 1:15:00 PM	314100.000	65.238	17.072
146.954	34408.313	40548.469	26.076
27.573	29.063	1.019	
12/11/2016 1:30:00 PM	315000.000	65.233	17.072
146.945	34417.219	40558.477	26.083
27.580	29.055	1.019	

12/11/2016 1:45:00 PM	315900.000	65.227	17.072
146.931	34409.031	40549.316	26.076
27.574	29.062	1.019	
12/11/2016 2:00:00 PM	316800.000	65.221	17.072
146.918	34416.270	40557.930	26.082
27.579	29.056	1.019	
12/11/2016 2:15:00 PM	317700.000	65.214	17.072
146.900	34413.977	40555.305	26.080
27.578	29.058	1.019	
12/11/2016 2:30:00 PM	318600.000	65.209	17.072
146.889	34402.797	40542.055	26.071
27.569	29.067	1.019	
12/11/2016 2:45:00 PM	319500.000	65.201	17.072
146.873	34418.613	40560.363	26.084
27.581	29.054	1.019	
12/11/2016 3:00:00 PM	320400.000	65.201	17.071
146.871	34410.289	40551.371	26.078
27.575	29.061	1.019	
12/11/2016 3:15:00 PM	321300.000	65.197	17.072
146.862	34397.777	40536.289	26.067
27.565	29.072	1.019	
12/11/2016 3:30:00 PM	322200.000	65.192	17.072
146.851	34423.277	40566.340	26.088
27.585	29.050	1.019	
12/11/2016 3:45:00 PM	323100.000	65.190	17.072
146.846	34412.102	40552.934	26.079
27.576	29.060	1.019	
12/11/2016 4:00:00 PM	324000.000	65.189	17.072
146.845	34407.121	40547.227	26.075
27.572	29.064	1.019	
12/11/2016 4:15:00 PM	324900.000	65.189	17.072
146.844	34398.379	40536.848	26.067
27.565	29.071	1.019	
12/11/2016 4:30:00 PM	325800.000	65.192	17.072
146.852	34410.492	40551.035	26.077
27.575	29.061	1.019	
12/11/2016 4:45:00 PM	326700.000	65.191	17.072
146.849	34420.063	40562.074	26.085
27.582	29.053	1.019	
12/11/2016 5:00:00 PM	327600.000	65.190	17.071
146.846	34394.742	40532.879	26.064
27.562	29.074	1.019	
12/11/2016 5:15:00 PM	328500.000	65.190	17.072
146.847	34424.160	40566.984	26.089
27.586	29.049	1.019	
12/11/2016 5:30:00 PM	329400.000	65.195	17.072
146.857	34422.480	40565.250	26.088
27.584	29.051	1.019	
12/11/2016 5:45:00 PM	330300.000	65.197	17.072
146.863	34411.223	40551.656	26.078
27.575	29.060	1.019	
12/11/2016 6:00:00 PM	331200.000	65.202	17.072
146.873	34429.184	40573.148	26.093
27.590	29.045	1.019	
12/11/2016 6:15:00 PM	332100.000	65.205	17.071

146.881	34392.867	40530.672	26.063
27.561	29.076	1.019	
12/11/2016 6:30:00 PM	333000.000	65.208	17.071
146.886	34417.207	40559.590	26.083
27.581	29.055	1.019	
12/11/2016 6:45:00 PM	333900.000	65.214	17.071
146.900	34403.766	40543.590	26.072
27.570	29.067	1.019	
12/11/2016 7:00:00 PM	334800.000	65.217	17.071
146.908	34415.473	40557.387	26.082
27.579	29.057	1.019	
12/11/2016 7:15:00 PM	335700.000	65.220	17.072
146.914	34385.844	40522.074	26.057
27.555	29.082	1.019	
12/11/2016 7:30:00 PM	336600.000	65.225	17.071
146.925	34413.469	40555.512	26.081
27.578	29.058	1.019	
12/11/2016 7:45:00 PM	337500.000	65.233	17.071
146.945	34398.477	40537.520	26.068
27.566	29.071	1.019	
12/11/2016 8:00:00 PM	338400.000	65.233	17.072
146.943	34421.270	40563.973	26.087
27.584	29.052	1.019	
12/11/2016 8:15:00 PM	339300.000	65.238	17.071
146.955	34405.387	40545.660	26.074
27.571	29.065	1.019	
12/11/2016 8:30:00 PM	340200.000	65.241	17.071
146.962	34404.293	40544.539	26.073
27.570	29.066	1.019	
12/11/2016 8:45:00 PM	341100.000	65.246	17.071
146.973	34408.613	40549.395	26.076
27.574	29.062	1.019	
12/11/2016 9:00:00 PM	342000.000	65.251	17.071
146.985	34402.727	40542.367	26.071
27.569	29.067	1.019	
12/11/2016 9:15:00 PM	342900.000	65.247	17.071
146.975	34381.422	40517.262	26.053
27.552	29.085	1.019	
12/11/2016 9:30:00 PM	343800.000	65.253	17.071
146.988	34380.051	40515.734	26.052
27.551	29.087	1.019	
12/11/2016 9:45:00 PM	344700.000	65.249	17.071
146.979	34383.930	40520.375	26.056
27.554	29.083	1.019	
12/11/2016 10:00:00 PM	345600.000	65.254	17.071
146.990	34388.414	40525.500	26.059
27.557	29.080	1.019	
12/11/2016 10:15:00 PM	346500.000	65.247	17.071
146.974	34416.410	40558.414	26.083
27.580	29.056	1.019	
12/11/2016 10:30:00 PM	347400.000	65.252	17.071
146.987	34382.180	40518.152	26.054
27.552	29.085	1.019	
12/11/2016 10:45:00 PM	348300.000	65.253	17.071
146.988	34407.629	40548.305	26.075

27.573	29.063	1.019	
12/11/2016 11:00:00 PM	349200.000	65.249	17.071
146.979	34394.488	40532.582	26.064
27.562	29.074	1.019	
12/11/2016 11:15:00 PM	350100.000	65.245	17.071
146.972	34396.629	40535.105	26.066
27.564	29.073	1.019	
12/11/2016 11:30:00 PM	351000.000	65.243	17.071
146.966	34407.148	40547.906	26.075
27.573	29.064	1.019	
12/11/2016 11:45:00 PM	351900.000	65.241	17.071
146.961	34419.852	40562.875	26.086
27.583	29.053	1.019	
12/12/2016 12:00:00 AM	352800.000	65.242	17.071
146.964	34407.781	40548.324	26.075
27.573	29.063	1.019	
12/12/2016 12:15:00 AM	353700.000	65.240	17.071
146.959	34395.906	40534.574	26.066
27.564	29.073	1.019	
12/12/2016 12:30:00 AM	354600.000	65.238	17.072
146.955	34417.879	40560.063	26.084
27.581	29.055	1.019	
12/12/2016 12:45:00 AM	355500.000	65.230	17.072
146.936	34421.363	40563.934	26.087
27.583	29.052	1.019	
12/12/2016 1:00:00 AM	356400.000	65.229	17.071
146.934	34404.664	40544.809	26.073
27.570	29.066	1.019	
12/12/2016 1:15:00 AM	357300.000	65.224	17.071
146.922	34390.617	40528.813	26.062
27.560	29.078	1.019	
12/12/2016 1:30:00 AM	358200.000	65.228	17.071
146.933	34399.078	40538.227	26.068
27.566	29.071	1.019	
12/12/2016 1:45:00 AM	359100.000	65.223	17.071
146.920	34413.777	40555.391	26.080
27.578	29.058	1.019	
12/12/2016 2:00:00 AM	360000.000	65.216	17.071
146.906	34400.379	40539.523	26.069
27.567	29.069	1.019	
12/12/2016 2:15:00 AM	360900.000	65.217	17.071
146.908	34407.320	40547.941	26.075
27.573	29.064	1.019	
12/12/2016 2:30:00 AM	361800.000	65.227	17.071
146.929	34409.000	40550.004	26.077
27.574	29.062	1.019	
12/12/2016 2:45:00 AM	362700.000	65.220	17.072
146.914	34405.418	40545.059	26.073
27.571	29.065	1.019	
12/12/2016 3:00:00 AM	363600.000	65.220	17.071
146.914	34410.363	40551.457	26.078
27.575	29.061	1.019	
12/12/2016 3:15:00 AM	364500.000	65.221	17.072
146.918	34394.332	40531.750	26.064
27.562	29.075	1.019	

12/12/2016 3:30:00 AM	365400.000	65.223	17.071
146.921	34431.590	40576.305	26.095
27.592	29.043	1.019	
12/12/2016 3:45:00 AM	366300.000	65.225	17.071
146.925	34399.355	40538.316	26.068
27.566	29.070	1.019	
12/12/2016 4:00:00 AM	367200.000	65.225	17.071
146.927	34405.473	40545.602	26.074
27.571	29.065	1.019	
12/12/2016 4:15:00 AM	368100.000	65.231	17.072
146.939	34398.496	40537.223	26.068
27.565	29.071	1.019	
12/12/2016 4:30:00 AM	369000.000	65.235	17.071
146.948	34422.148	40565.254	26.088
27.584	29.051	1.019	
12/12/2016 4:45:00 AM	369900.000	65.241	17.072
146.961	34404.535	40544.180	26.073
27.570	29.066	1.019	
12/12/2016 5:00:00 AM	370800.000	65.247	17.072
146.975	34434.004	40578.828	26.097
27.594	29.041	1.019	
12/12/2016 5:15:00 AM	371700.000	65.254	17.072
146.990	34424.512	40567.230	26.089
27.586	29.049	1.019	
12/12/2016 5:30:00 AM	372600.000	65.258	17.072
146.999	34423.594	40566.234	26.088
27.585	29.050	1.019	
12/12/2016 5:45:00 AM	373500.000	65.263	17.072
147.012	34424.559	40567.453	26.089
27.586	29.049	1.019	
12/12/2016 6:00:00 AM	374400.000	65.271	17.072
147.030	34428.504	40571.867	26.092
27.589	29.046	1.019	
12/12/2016 6:15:00 AM	375300.000	65.274	17.072
147.036	34431.465	40575.594	26.095
27.591	29.043	1.019	
12/12/2016 6:30:00 AM	376200.000	65.279	17.073
147.048	34425.379	40567.934	26.089
27.586	29.048	1.019	
12/12/2016 6:45:00 AM	377100.000	65.291	17.072
147.073	34444.711	40590.965	26.106
27.602	29.032	1.019	
12/12/2016 7:00:00 AM	378000.000	65.294	17.073
147.080	34413.234	40553.309	26.079
27.576	29.059	1.019	
12/12/2016 7:15:00 AM	378900.000	65.302	17.072
147.098	34421.840	40564.082	26.087
27.584	29.051	1.019	
12/12/2016 7:30:00 AM	379800.000	65.306	17.073
147.109	34420.191	40561.426	26.085
27.582	29.053	1.019	
12/12/2016 7:45:00 AM	380700.000	65.312	17.073
147.122	34429.910	40573.203	26.093
27.590	29.045	1.019	
12/12/2016 8:00:00 AM	381600.000	65.318	17.072

147.135	34431.563	40575.313	26.095
27.591	29.043	1.019	
12/12/2016 8:15:00 AM	382500.000	65.322	17.073
147.143	34427.051	40569.590	26.091
27.587	29.047	1.019	
12/12/2016 8:30:00 AM	383400.000	65.325	17.073
147.151	34446.895	40592.973	26.107
27.603	29.030	1.019	
12/12/2016 8:45:00 AM	384300.000	65.326	17.073
147.152	34453.539	40600.492	26.113
27.608	29.025	1.019	
12/12/2016 9:00:00 AM	385200.000	65.330	17.073
147.163	34452.383	40598.969	26.112
27.607	29.026	1.019	
12/12/2016 9:15:00 AM	386100.000	65.332	17.073
147.167	34428.816	40571.355	26.092
27.589	29.045	1.019	
12/12/2016 9:30:00 AM	387000.000	65.332	17.074
147.166	34431.309	40574.043	26.094
27.590	29.043	1.019	
12/12/2016 9:45:00 AM	387900.000	65.331	17.073
147.164	34443.434	40588.973	26.104
27.601	29.033	1.019	
12/12/2016 10:00:00 AM	388800.000	65.331	17.073
147.164	34438.305	40582.379	26.100
27.596	29.037	1.019	
12/12/2016 10:15:00 AM	389700.000	65.326	17.074
147.154	34453.477	40599.684	26.112
27.608	29.025	1.019	
12/12/2016 10:30:00 AM	390600.000	65.326	17.073
147.153	34425.352	40567.273	26.089
27.586	29.048	1.019	
12/12/2016 10:45:00 AM	391500.000	65.321	17.074
147.141	34460.090	40607.723	26.118
27.613	29.019	1.019	
12/12/2016 11:00:00 AM	392400.000	65.315	17.073
147.128	34470.867	40620.750	26.127
27.622	29.010	1.019	
12/12/2016 11:15:00 AM	393300.000	65.311	17.074
147.119	34469.070	40618.465	26.126
27.621	29.012	1.019	
12/12/2016 11:30:00 AM	394200.000	65.305	17.073
147.105	34426.648	40568.711	26.090
27.587	29.047	1.019	
12/12/2016 11:45:00 AM	395100.000	65.298	17.073
147.089	34448.785	40594.730	26.109
27.604	29.029	1.019	
12/12/2016 12:00:00 PM	396000.000	65.289	17.073
147.069	34432.188	40575.719	26.095
27.591	29.043	1.019	
12/12/2016 12:15:00 PM	396900.000	65.282	17.073
147.053	34460.746	40608.984	26.119
27.614	29.019	1.019	
12/12/2016 12:30:00 PM	397800.000	65.271	17.073
147.030	34424.703	40566.352	26.088

27.585	29.049	1.019	
12/12/2016 12:45:00 PM	398700.000	65.265	17.073
147.017	34439.809	40584.703	26.101
27.598	29.036	1.019	
12/12/2016 1:00:00 PM	399600.000	65.258	17.073
146.999	34431.500	40574.590	26.094
27.591	29.043	1.019	
12/12/2016 1:15:00 PM	400500.000	65.251	17.073
146.984	34442.129	40586.953	26.103
27.599	29.034	1.019	
12/12/2016 1:30:00 PM	401400.000	65.243	17.073
146.966	34440.297	40585.355	26.102
27.598	29.036	1.019	
12/12/2016 1:45:00 PM	402300.000	65.234	17.073
146.947	34435.363	40579.387	26.098
27.594	29.040	1.019	
12/12/2016 2:00:00 PM	403200.000	65.226	17.073
146.929	34446.035	40592.039	26.107
27.603	29.031	1.019	
12/12/2016 2:15:00 PM	404100.000	65.220	17.073
146.915	34437.277	40581.953	26.099
27.596	29.038	1.019	
12/12/2016 2:30:00 PM	405000.000	65.213	17.073
146.898	34415.238	40555.746	26.081
27.578	29.057	1.019	
12/12/2016 2:45:00 PM	405900.000	65.205	17.073
146.880	34437.141	40581.559	26.099
27.595	29.038	1.019	
12/12/2016 3:00:00 PM	406800.000	65.197	17.072
146.863	34430.508	40574.625	26.094
27.591	29.044	1.019	
12/12/2016 3:15:00 PM	407700.000	65.195	17.072
146.857	34410.930	40551.227	26.078
27.575	29.061	1.019	
12/12/2016 3:30:00 PM	408600.000	65.189	17.073
146.845	34432.414	40576.223	26.095
27.592	29.042	1.019	
12/12/2016 3:45:00 PM	409500.000	65.181	17.073
146.826	34416.594	40557.344	26.082
27.579	29.056	1.019	
12/12/2016 4:00:00 PM	410400.000	65.184	17.072
146.834	34441.762	40587.492	26.103
27.599	29.035	1.019	
12/12/2016 4:15:00 PM	411300.000	65.176	17.073
146.816	34432.609	40576.293	26.095
27.592	29.042	1.019	
12/12/2016 4:30:00 PM	412200.000	65.176	17.073
146.816	34423.363	40565.559	26.088
27.585	29.050	1.019	
12/12/2016 4:45:00 PM	413100.000	65.174	17.072
146.811	34412.793	40553.352	26.079
27.576	29.059	1.019	
12/12/2016 5:00:00 PM	414000.000	65.174	17.072
146.810	34411.914	40552.316	26.078
27.576	29.060	1.019	

12/12/2016 5:15:00 PM	414900.000	65.174	17.072
146.811	34420.574	40562.758	26.086
27.583	29.052	1.019	
12/12/2016 5:30:00 PM	415800.000	65.174	17.072
146.811	34428.797	40572.449	26.093
27.589	29.045	1.019	
12/12/2016 5:45:00 PM	416700.000	65.178	17.073
146.819	34402.613	40541.105	26.070
27.568	29.068	1.019	
12/12/2016 6:00:00 PM	417600.000	65.180	17.072
146.824	34402.840	40541.941	26.071
27.569	29.067	1.019	
12/12/2016 6:15:00 PM	418500.000	65.180	17.072
146.824	34405.301	40544.762	26.073
27.570	29.065	1.019	
12/12/2016 6:30:00 PM	419400.000	65.183	17.072
146.832	34415.922	40557.438	26.082
27.579	29.056	1.019	
12/12/2016 6:45:00 PM	420300.000	65.189	17.072
146.845	34396.414	40534.609	26.066
27.564	29.073	1.019	
12/12/2016 7:00:00 PM	421200.000	65.194	17.072
146.857	34414.492	40555.836	26.081
27.578	29.058	1.019	
12/12/2016 7:15:00 PM	422100.000	65.195	17.072
146.858	34412.637	40553.238	26.079
27.576	29.059	1.019	
12/12/2016 7:30:00 PM	423000.000	65.202	17.072
146.875	34408.336	40548.418	26.076
27.573	29.063	1.019	
12/12/2016 7:45:00 PM	423900.000	65.209	17.072
146.889	34401.117	40539.988	26.070
27.567	29.069	1.019	
12/12/2016 8:00:00 PM	424800.000	65.213	17.072
146.899	34416.246	40557.980	26.082
27.579	29.056	1.019	
12/12/2016 8:15:00 PM	425700.000	65.219	17.072
146.912	34416.184	40557.906	26.082
27.579	29.056	1.019	
12/12/2016 8:30:00 PM	426600.000	65.221	17.072
146.918	34394.688	40532.574	26.064
27.562	29.074	1.019	
12/12/2016 8:45:00 PM	427500.000	65.230	17.072
146.936	34421.188	40563.152	26.086
27.583	29.052	1.019	
12/12/2016 9:00:00 PM	428400.000	65.232	17.072
146.941	34418.902	40560.551	26.084
27.581	29.054	1.019	
12/12/2016 9:15:00 PM	429300.000	65.235	17.072
146.949	34378.496	40513.418	26.051
27.549	29.088	1.019	
12/12/2016 9:30:00 PM	430200.000	65.236	17.072
146.951	34404.207	40543.387	26.072
27.570	29.066	1.019	
12/12/2016 9:45:00 PM	431100.000	65.246	17.072

146.972	34411.762	40552.457	26.078
27.576	29.060	1.019	
12/12/2016 10:00:00 PM	432000.000	65.246	17.071
146.972	34404.512	40544.395	26.073
27.570	29.066	1.019	
12/12/2016 10:15:00 PM	432900.000	65.247	17.071
146.974	34380.078	40515.676	26.052
27.551	29.087	1.019	
12/12/2016 10:30:00 PM	433800.000	65.248	17.071
146.977	34389.590	40527.129	26.060
27.558	29.079	1.019	
12/12/2016 10:45:00 PM	434700.000	65.250	17.072
146.982	34411.262	40552.266	26.078
27.576	29.060	1.019	
12/12/2016 11:00:00 PM	435600.000	65.247	17.071
146.975	34386.391	40523.273	26.058
27.556	29.081	1.019	
12/12/2016 11:15:00 PM	436500.000	65.250	17.071
146.982	34411.852	40553.449	26.079
27.576	29.060	1.019	
12/12/2016 11:30:00 PM	437400.000	65.247	17.072
146.974	34426.840	40570.387	26.091
27.588	29.047	1.019	
12/12/2016 11:45:00 PM	438300.000	65.247	17.071
146.975	34401.336	40541.055	26.070
27.568	29.069	1.019	
12/13/2016 12:00:00 AM	439200.000	65.243	17.071
146.967	34399.938	40539.406	26.069
27.567	29.070	1.019	
12/13/2016 12:15:00 AM	440100.000	65.242	17.071
146.964	34388.898	40526.559	26.060
27.558	29.079	1.019	
12/13/2016 12:30:00 AM	441000.000	65.239	17.071
146.956	34408.453	40549.117	26.076
27.573	29.063	1.019	
12/13/2016 12:45:00 AM	441900.000	65.237	17.072
146.953	34404.773	40544.383	26.073
27.570	29.066	1.019	
12/13/2016 1:00:00 AM	442800.000	65.233	17.072
146.943	34370.457	40504.180	26.044
27.543	29.095	1.019	
12/13/2016 1:15:00 AM	443700.000	65.230	17.071
146.938	34397.906	40536.777	26.067
27.565	29.072	1.019	
12/13/2016 1:30:00 AM	444600.000	65.226	17.072
146.927	34374.855	40508.801	26.047
27.546	29.091	1.019	
12/13/2016 1:45:00 AM	445500.000	65.226	17.071
146.929	34391.805	40529.496	26.062
27.560	29.077	1.019	
12/13/2016 2:00:00 AM	446400.000	65.223	17.071
146.921	34394.715	40533.328	26.065
27.563	29.074	1.019	
12/13/2016 2:15:00 AM	447300.000	65.221	17.071
146.917	34403.703	40543.762	26.072

27.570	29.067	1.019	
12/13/2016 2:30:00 AM	448200.000	65.218	17.071
146.910	34409.234	40550.688	26.077
27.574	29.062	1.019	
12/13/2016 2:45:00 AM	449100.000	65.216	17.071
146.905	34397.043	40535.914	26.067
27.564	29.072	1.019	
12/13/2016 3:00:00 AM	450000.000	65.214	17.071
146.900	34396.109	40534.727	26.066
27.564	29.073	1.019	
12/13/2016 3:15:00 AM	450900.000	65.217	17.072
146.908	34401.922	40541.172	26.070
27.568	29.068	1.019	
12/13/2016 3:30:00 AM	451800.000	65.216	17.071
146.904	34420.707	40563.715	26.086
27.583	29.052	1.019	
12/13/2016 3:45:00 AM	452700.000	65.213	17.072
146.899	34409.035	40549.480	26.076
27.574	29.062	1.019	
12/13/2016 4:00:00 AM	453600.000	65.217	17.072
146.908	34409.836	40550.426	26.077
27.574	29.061	1.019	
12/13/2016 4:15:00 AM	454500.000	65.220	17.071
146.914	34408.238	40548.785	26.076
27.573	29.063	1.019	
12/13/2016 4:30:00 AM	455400.000	65.225	17.071
146.925	34395.852	40534.188	26.065
27.563	29.073	1.019	
12/13/2016 4:45:00 AM	456300.000	65.229	17.072
146.934	34405.566	40545.230	26.073
27.571	29.065	1.019	
12/13/2016 5:00:00 AM	457200.000	65.227	17.072
146.930	34396.668	40534.910	26.066
27.564	29.073	1.019	
12/13/2016 5:15:00 AM	458100.000	65.234	17.071
146.946	34422.621	40565.813	26.088
27.585	29.051	1.019	
12/13/2016 5:30:00 AM	459000.000	65.234	17.072
146.947	34405.707	40545.238	26.073
27.571	29.065	1.019	
12/13/2016 5:45:00 AM	459900.000	65.241	17.072
146.961	34389.777	40526.547	26.060
27.558	29.078	1.019	
12/13/2016 6:00:00 AM	460800.000	65.249	17.072
146.979	34404.516	40543.992	26.072
27.570	29.066	1.019	
12/13/2016 6:15:00 AM	461700.000	65.254	17.072
146.992	34405.754	40545.539	26.073
27.571	29.065	1.019	
12/13/2016 6:30:00 AM	462600.000	65.262	17.072
147.009	34409.398	40549.984	26.077
27.574	29.062	1.019	
12/13/2016 6:45:00 AM	463500.000	65.266	17.072
147.019	34411.840	40552.547	26.079
27.576	29.060	1.019	

12/13/2016 7:00:00 AM	464400.000	65.272	17.072
147.032	34411.324	40551.859	26.078
27.575	29.060	1.019	
12/13/2016 7:15:00 AM	465300.000	65.276	17.072
147.041	34426.258	40569.539	26.091
27.587	29.048	1.019	
12/13/2016 7:30:00 AM	466200.000	65.280	17.073
147.050	34432.055	40575.801	26.095
27.592	29.043	1.019	
12/13/2016 7:45:00 AM	467100.000	65.293	17.072
147.078	34419.426	40561.324	26.085
27.582	29.053	1.019	
12/13/2016 8:00:00 AM	468000.000	65.298	17.073
147.089	34431.395	40574.785	26.094
27.591	29.043	1.019	
12/13/2016 8:15:00 AM	468900.000	65.298	17.072
147.091	34415.539	40556.906	26.082
27.579	29.057	1.019	
12/13/2016 8:30:00 AM	469800.000	65.308	17.073
147.113	34438.137	40582.496	26.100
27.596	29.038	1.019	
12/13/2016 8:45:00 AM	470700.000	65.311	17.073
147.120	34433.965	40577.816	26.097
27.593	29.041	1.019	
12/13/2016 9:00:00 AM	471600.000	65.313	17.073
147.123	34419.566	40561.082	26.085
27.582	29.053	1.019	
12/13/2016 9:15:00 AM	472500.000	65.319	17.073
147.137	34425.977	40568.012	26.090
27.586	29.048	1.019	
12/13/2016 9:30:00 AM	473400.000	65.323	17.073
147.146	34433.910	40577.590	26.096
27.593	29.041	1.019	
12/13/2016 9:45:00 AM	474300.000	65.338	17.073
147.181	34424.066	40565.602	26.088
27.585	29.049	1.019	
12/13/2016 10:00:00 AM	475200.000	65.324	17.073
147.148	34446.770	40592.422	26.107
27.603	29.030	1.019	
12/13/2016 10:15:00 AM	476100.000	65.328	17.073
147.158	34443.289	40588.254	26.104
27.600	29.033	1.019	
12/13/2016 10:30:00 AM	477000.000	65.323	17.073
147.145	34436.379	40580.660	26.099
27.595	29.039	1.019	
12/13/2016 10:45:00 AM	477900.000	65.325	17.073
147.150	34443.516	40588.746	26.104
27.600	29.033	1.019	
12/13/2016 11:00:00 AM	478800.000	65.321	17.074
147.141	34424.645	40566.113	26.088
27.585	29.049	1.019	
12/13/2016 11:15:00 AM	479700.000	65.315	17.074
147.128	34426.293	40568.055	26.090
27.586	29.048	1.019	
12/13/2016 11:30:00 AM	480600.000	65.315	17.074

147.128	34444.746	40589.801	26.105
27.601	29.032	1.019	
12/13/2016 11:45:00 AM	481500.000	65.308	17.073
147.113	34430.547	40573.305	26.093
27.590	29.044	1.019	
12/13/2016 12:00:00 PM	482400.000	65.306	17.074
147.109	34463.832	40612.211	26.121
27.616	29.016	1.019	
12/13/2016 12:15:00 PM	483300.000	65.290	17.073
147.073	34447.348	40593.586	26.108
27.604	29.030	1.019	
12/13/2016 12:30:00 PM	484200.000	65.285	17.073
147.061	34451.480	40598.066	26.111
27.607	29.026	1.019	
12/13/2016 12:45:00 PM	485100.000	65.277	17.073
147.042	34443.617	40589.113	26.105
27.601	29.033	1.019	
12/13/2016 1:00:00 PM	486000.000	65.271	17.073
147.029	34431.422	40574.336	26.094
27.591	29.043	1.019	
12/13/2016 1:15:00 PM	486900.000	65.275	17.074
147.038	34453.059	40599.672	26.112
27.608	29.025	1.019	
12/13/2016 1:30:00 PM	487800.000	65.256	17.074
146.996	34443.793	40588.754	26.104
27.600	29.033	1.019	
12/13/2016 1:45:00 PM	488700.000	65.246	17.073
146.972	34433.512	40576.957	26.096
27.592	29.041	1.019	
12/13/2016 2:00:00 PM	489600.000	65.235	17.073
146.948	34442.219	40587.219	26.103
27.599	29.034	1.019	
12/13/2016 2:15:00 PM	490500.000	65.227	17.073
146.929	34442.430	40587.789	26.104
27.600	29.034	1.019	
12/13/2016 2:30:00 PM	491400.000	65.217	17.073
146.908	34460.066	40608.574	26.118
27.614	29.019	1.019	
12/13/2016 2:45:00 PM	492300.000	65.211	17.073
146.895	34435.730	40579.973	26.098
27.594	29.040	1.019	
12/13/2016 3:00:00 PM	493200.000	65.202	17.073
146.873	34414.188	40554.746	26.080
27.577	29.058	1.019	
12/13/2016 3:15:00 PM	494100.000	65.195	17.072
146.857	34411.469	40551.793	26.078
27.575	29.060	1.019	
12/13/2016 3:30:00 PM	495000.000	65.187	17.073
146.841	34421.914	40563.691	26.086
27.583	29.051	1.019	
12/13/2016 3:45:00 PM	495900.000	65.182	17.073
146.829	34417.758	40558.555	26.083
27.580	29.055	1.019	
12/13/2016 4:00:00 PM	496800.000	65.177	17.072
146.818	34429.574	40572.969	26.093

27.590	29.045	1.019	
12/13/2016 4:15:00 PM	497700.000	65.170	17.072
146.801	34427.859	40571.105	26.092
27.588	29.046	1.019	
12/13/2016 4:30:00 PM	498600.000	65.163	17.072
146.785	34438.301	40583.320	26.100
27.597	29.037	1.019	
12/13/2016 4:45:00 PM	499500.000	65.160	17.073
146.778	34431.113	40574.453	26.094
27.591	29.043	1.019	
12/13/2016 5:00:00 PM	500400.000	65.154	17.073
146.767	34421.145	40562.629	26.086
27.583	29.052	1.019	
12/13/2016 5:15:00 PM	501300.000	65.153	17.073
146.764	34418.566	40559.668	26.084
27.581	29.054	1.019	
12/13/2016 5:30:00 PM	502200.000	65.153	17.072
146.763	34422.922	40565.199	26.088
27.584	29.050	1.019	
12/13/2016 5:45:00 PM	503100.000	65.149	17.073
146.754	34444.582	40590.563	26.106
27.602	29.032	1.019	
12/13/2016 6:00:00 PM	504000.000	65.149	17.072
146.754	34407.387	40546.891	26.074
27.572	29.064	1.019	
12/13/2016 6:15:00 PM	504900.000	65.150	17.072
146.756	34429.008	40572.695	26.093
27.589	29.045	1.019	
12/13/2016 6:30:00 PM	505800.000	65.170	17.072
146.801	34425.691	40568.461	26.090
27.587	29.048	1.019	
12/13/2016 6:45:00 PM	506700.000	65.155	17.072
146.769	34424.082	40566.566	26.089
27.585	29.049	1.019	
12/13/2016 7:00:00 PM	507600.000	65.160	17.072
146.779	34434.566	40579.012	26.097
27.594	29.041	1.019	
12/13/2016 7:15:00 PM	508500.000	65.163	17.072
146.785	34422.445	40565.125	26.087
27.584	29.051	1.019	
12/13/2016 7:30:00 PM	509400.000	65.170	17.072
146.801	34400.270	40538.832	26.069
27.566	29.070	1.019	
12/13/2016 7:45:00 PM	510300.000	65.172	17.072
146.806	34413.242	40554.516	26.080
27.577	29.059	1.019	
12/13/2016 8:00:00 PM	511200.000	65.175	17.072
146.814	34414.086	40555.031	26.080
27.577	29.058	1.019	
12/13/2016 8:15:00 PM	512100.000	65.182	17.072
146.829	34416.465	40557.680	26.082
27.579	29.056	1.019	
12/13/2016 8:30:00 PM	513000.000	65.185	17.072
146.836	34396.871	40534.742	26.066
27.564	29.072	1.019	

12/13/2016 8:45:00 PM	513900.000	65.193	17.072
146.854	34400.879	40539.465	26.069
27.567	29.069	1.019	
12/13/2016 9:00:00 PM	514800.000	65.197	17.072
146.863	34405.699	40545.230	26.073
27.571	29.065	1.019	
12/13/2016 9:15:00 PM	515700.000	65.205	17.072
146.880	34418.805	40560.277	26.084
27.581	29.054	1.019	
12/13/2016 9:30:00 PM	516600.000	65.208	17.072
146.886	34409.180	40549.492	26.076
27.574	29.062	1.019	
12/13/2016 9:45:00 PM	517500.000	65.215	17.072
146.903	34415.055	40556.648	26.081
27.579	29.057	1.019	
12/13/2016 10:00:00 PM	518400.000	65.214	17.072
146.900	34387.051	40523.086	26.058
27.556	29.081	1.019	
12/13/2016 10:15:00 PM	519300.000	65.224	17.072
146.922	34419.383	40560.957	26.085
27.581	29.053	1.019	
12/13/2016 10:30:00 PM	520200.000	65.224	17.072
146.924	34406.461	40546.211	26.074
27.571	29.064	1.019	
12/13/2016 10:45:00 PM	521100.000	65.232	17.072
146.941	34386.527	40522.883	26.057
27.556	29.081	1.019	
12/13/2016 11:00:00 PM	522000.000	65.234	17.072
146.946	34421.266	40563.574	26.086
27.583	29.052	1.019	
12/13/2016 11:15:00 PM	522900.000	65.234	17.072
146.947	34426.910	40570.387	26.091
27.588	29.047	1.019	
12/13/2016 11:30:00 PM	523800.000	65.238	17.071
146.954	34386.414	40523.301	26.058
27.556	29.081	1.019	
12/13/2016 11:45:00 PM	524700.000	65.241	17.072
146.961	34387.070	40523.598	26.058
27.556	29.081	1.019	
12/14/2016 12:00:00 AM	525600.000	65.239	17.072
146.956	34414.406	40555.320	26.080
27.578	29.058	1.019	
12/14/2016 12:15:00 AM	526500.000	65.237	17.072
146.953	34400.594	40539.371	26.069
27.567	29.069	1.019	
12/14/2016 12:30:00 AM	527400.000	65.239	17.072
146.956	34397.625	40535.633	26.066
27.564	29.072	1.019	
12/14/2016 12:45:00 AM	528300.000	65.242	17.072
146.964	34421.133	40563.180	26.086
27.583	29.052	1.019	
12/14/2016 1:00:00 AM	529200.000	65.234	17.072
146.947	34409.672	40549.910	26.077
27.574	29.062	1.019	
12/14/2016 1:15:00 AM	530100.000	65.238	17.072

146.954	34416.969	40558.668	26.083
27.580	29.055	1.019	
12/14/2016 1:30:00 AM	531000.000	65.232	17.073
146.941	34409.438	40549.078	26.076
27.573	29.062	1.019	
12/14/2016 1:45:00 AM	531900.000	65.231	17.072
146.939	34397.695	40535.715	26.067
27.564	29.072	1.019	
12/14/2016 2:00:00 AM	532800.000	65.225	17.072
146.925	34426.469	40569.789	26.091
27.587	29.047	1.019	
12/14/2016 2:15:00 AM	533700.000	65.229	17.072
146.934	34420.355	40562.582	26.086
27.583	29.053	1.019	
12/14/2016 2:30:00 AM	534600.000	65.223	17.072
146.920	34417.395	40558.844	26.083
27.580	29.055	1.019	
12/14/2016 2:45:00 AM	535500.000	65.219	17.072
146.913	34419.309	40560.871	26.084
27.581	29.053	1.019	
12/14/2016 3:00:00 AM	536400.000	65.218	17.072
146.910	34403.211	40542.379	26.071
27.569	29.067	1.019	
12/14/2016 3:15:00 AM	537300.000	65.217	17.072
146.908	34400.711	40539.434	26.069
27.567	29.069	1.019	
12/14/2016 3:30:00 AM	538200.000	65.220	17.073
146.915	34432.195	40575.965	26.095
27.592	29.043	1.019	
12/14/2016 3:45:00 AM	539100.000	65.216	17.072
146.906	34409.840	40549.871	26.077
27.574	29.061	1.019	
12/14/2016 4:00:00 AM	540000.000	65.215	17.072
146.903	34431.805	40575.824	26.095
27.592	29.043	1.019	
12/14/2016 4:15:00 AM	540900.000	65.218	17.072
146.910	34415.367	40556.293	26.081
27.578	29.057	1.019	
12/14/2016 4:30:00 AM	541800.000	65.219	17.072
146.913	34426.180	40569.035	26.090
27.587	29.048	1.019	
12/14/2016 4:45:00 AM	542700.000	65.219	17.072
146.912	34398.398	40536.230	26.067
27.565	29.071	1.019	
12/14/2016 5:00:00 AM	543600.000	65.235	17.072
146.948	34438.945	40584.406	26.101
27.597	29.037	1.019	
12/14/2016 5:15:00 AM	544500.000	65.224	17.072
146.922	34410.961	40551.262	26.078
27.575	29.061	1.019	
12/14/2016 5:30:00 AM	545400.000	65.225	17.073
146.927	34419.723	40561.109	26.085
27.582	29.053	1.019	
12/14/2016 5:45:00 AM	546300.000	65.233	17.072
146.943	34417.359	40558.641	26.083

27.580	29.055	1.019	
12/14/2016 6:00:00 AM	547200.000	65.232	17.072
146.941	34404.250	40543.285	26.072
27.569	29.066	1.019	
12/14/2016 6:15:00 AM	548100.000	65.235	17.072
146.949	34416.762	40558.098	26.082
27.580	29.056	1.019	
12/14/2016 6:30:00 AM	549000.000	65.239	17.073
146.957	34429.859	40572.898	26.093
27.590	29.045	1.019	
12/14/2016 6:45:00 AM	549900.000	65.251	17.073
146.985	34414.344	40554.770	26.080
27.577	29.058	1.019	
12/14/2016 7:00:00 AM	550800.000	65.252	17.073
146.987	34432.109	40575.797	26.095
27.592	29.043	1.019	
12/14/2016 7:15:00 AM	551700.000	65.259	17.073
147.001	34404.875	40543.703	26.072
27.570	29.066	1.019	
12/14/2016 7:30:00 AM	552600.000	65.264	17.073
147.014	34414.496	40554.949	26.080
27.577	29.058	1.019	
12/14/2016 7:45:00 AM	553500.000	65.273	17.073
147.034	34399.102	40536.730	26.067
27.565	29.071	1.019	
12/14/2016 8:00:00 AM	554400.000	65.274	17.073
147.037	34419.855	40560.797	26.084
27.581	29.053	1.019	
12/14/2016 8:15:00 AM	555300.000	65.281	17.073
147.051	34440.574	40585.367	26.102
27.598	29.036	1.019	
12/14/2016 8:30:00 AM	556200.000	65.291	17.073
147.073	34409.766	40548.816	26.076
27.573	29.062	1.019	
12/14/2016 8:45:00 AM	557100.000	65.296	17.073
147.085	34425.371	40567.527	26.089
27.586	29.048	1.019	
12/14/2016 9:00:00 AM	558000.000	65.303	17.073
147.102	34438.398	40582.719	26.100
27.596	29.037	1.019	
12/14/2016 9:15:00 AM	558900.000	65.311	17.073
147.119	34447.273	40593.176	26.107
27.603	29.030	1.019	
12/14/2016 9:30:00 AM	559800.000	65.311	17.073
147.120	34444.824	40590.289	26.105
27.601	29.032	1.019	
12/14/2016 9:45:00 AM	560700.000	65.315	17.074
147.128	34423.410	40564.578	26.087
27.584	29.050	1.019	
12/14/2016 10:00:00 AM	561600.000	65.324	17.074
147.149	34460.980	40609.008	26.119
27.614	29.018	1.019	
12/14/2016 10:15:00 AM	562500.000	65.326	17.074
147.154	34446.801	40591.984	26.107
27.603	29.030	1.019	

12/14/2016 10:30:00 AM	563400.000	65.325	17.074
147.151	34436.797	40580.434	26.098
27.595	29.039	1.019	
12/14/2016 10:45:00 AM	564300.000	65.324	17.074
147.148	34431.121	40573.586	26.094
27.590	29.043	1.019	
12/14/2016 11:00:00 AM	565200.000	65.328	17.074
147.157	34446.027	40591.074	26.106
27.602	29.031	1.019	
12/14/2016 11:15:00 AM	566100.000	65.324	17.074
147.149	34457.434	40604.754	26.116
27.611	29.021	1.019	
12/14/2016 11:30:00 AM	567000.000	65.324	17.074
147.148	34460.586	40608.469	26.118
27.614	29.019	1.019	
12/14/2016 11:45:00 AM	567900.000	65.319	17.074
147.138	34446.020	40590.500	26.106
27.602	29.031	1.019	
12/14/2016 12:00:00 PM	568800.000	65.316	17.074
147.130	34450.875	40596.543	26.110
27.606	29.027	1.019	
12/14/2016 12:15:00 PM	569700.000	65.309	17.074
147.115	34445.063	40589.852	26.105
27.601	29.032	1.019	
12/14/2016 12:30:00 PM	570600.000	65.308	17.074
147.112	34435.473	40578.391	26.097
27.593	29.040	1.019	
12/14/2016 12:45:00 PM	571500.000	65.299	17.074
147.093	34451.516	40597.297	26.110
27.606	29.026	1.019	
12/14/2016 1:00:00 PM	572400.000	65.295	17.074
147.083	34435.906	40578.742	26.097
27.594	29.039	1.019	
12/14/2016 1:15:00 PM	573300.000	65.286	17.074
147.062	34448.367	40593.746	26.108
27.604	29.029	1.019	
12/14/2016 1:30:00 PM	574200.000	65.274	17.074
147.035	34472.898	40622.492	26.128
27.623	29.008	1.019	
12/14/2016 1:45:00 PM	575100.000	65.271	17.074
147.029	34453.309	40599.488	26.112
27.608	29.025	1.019	
12/14/2016 2:00:00 PM	576000.000	65.261	17.074
147.007	34464.680	40612.648	26.121
27.617	29.015	1.019	
12/14/2016 2:15:00 PM	576900.000	65.250	17.074
146.982	34454.090	40600.488	26.113
27.608	29.024	1.019	
12/14/2016 2:30:00 PM	577800.000	65.240	17.074
146.960	34437.156	40580.773	26.099
27.595	29.038	1.019	
12/14/2016 2:45:00 PM	578700.000	65.230	17.073
146.938	34433.379	40576.574	26.096
27.592	29.042	1.019	
12/14/2016 3:00:00 PM	579600.000	65.226	17.074

146.929	34446.395	40591.820	26.107
27.602	29.031	1.019	
12/14/2016 3:15:00 PM	580500.000	65.215	17.074
146.903	34460.344	40608.023	26.118
27.613	29.019	1.019	
12/14/2016 3:30:00 PM	581400.000	65.207	17.073
146.884	34430.055	40572.969	26.093
27.590	29.044	1.019	
12/14/2016 3:45:00 PM	582300.000	65.197	17.074
146.863	34461.305	40609.391	26.119
27.614	29.018	1.019	
12/14/2016 4:00:00 PM	583200.000	65.187	17.073
146.841	34421.965	40563.125	26.086
27.583	29.051	1.019	
12/14/2016 4:15:00 PM	584100.000	65.183	17.073
146.832	34432.809	40576.621	26.096
27.592	29.042	1.019	
12/14/2016 4:30:00 PM	585000.000	65.175	17.073
146.814	34438.879	40583.285	26.100
27.597	29.037	1.019	
12/14/2016 4:45:00 PM	585900.000	65.167	17.073
146.795	34417.340	40557.742	26.082
27.579	29.055	1.019	
12/14/2016 5:00:00 PM	586800.000	65.160	17.073
146.779	34428.285	40571.121	26.092
27.588	29.046	1.019	
12/14/2016 5:15:00 PM	587700.000	65.158	17.073
146.775	34438.352	40583.063	26.100
27.596	29.037	1.019	
12/14/2016 5:30:00 PM	588600.000	65.152	17.073
146.761	34434.855	40579.031	26.097
27.594	29.040	1.019	
12/14/2016 5:45:00 PM	589500.000	65.146	17.073
146.749	34419.590	40560.637	26.084
27.581	29.053	1.019	
12/14/2016 6:00:00 PM	590400.000	65.148	17.073
146.752	34420.508	40561.797	26.085
27.582	29.052	1.019	
12/14/2016 6:15:00 PM	591300.000	65.145	17.073
146.745	34437.449	40581.922	26.099
27.596	29.038	1.019	
12/14/2016 6:30:00 PM	592200.000	65.146	17.073
146.747	34422.344	40564.355	26.087
27.584	29.051	1.019	
12/14/2016 6:45:00 PM	593100.000	65.142	17.073
146.740	34421.324	40562.844	26.086
27.583	29.052	1.019	
12/14/2016 7:00:00 PM	594000.000	65.142	17.073
146.738	34437.813	40582.586	26.100
27.596	29.038	1.019	
12/14/2016 7:15:00 PM	594900.000	65.145	17.072
146.746	34392.844	40530.238	26.063
27.561	29.076	1.019	
12/14/2016 7:30:00 PM	595800.000	65.150	17.072
146.757	34423.094	40565.559	26.088

27.585	29.050	1.019	
12/14/2016 7:45:00 PM	596700.000	65.150	17.072
146.757	34407.734	40547.461	26.075
27.572	29.063	1.019	
12/14/2016 8:00:00 PM	597600.000	65.157	17.072
146.772	34415.609	40556.672	26.081
27.579	29.057	1.019	
12/14/2016 8:15:00 PM	598500.000	65.160	17.072
146.778	34394.438	40531.957	26.064
27.562	29.074	1.019	
12/14/2016 8:30:00 PM	599400.000	65.164	17.073
146.788	34406.605	40545.809	26.074
27.571	29.064	1.019	
12/14/2016 8:45:00 PM	600300.000	65.172	17.072
146.806	34403.965	40542.789	26.072
27.569	29.066	1.019	
12/14/2016 9:00:00 PM	601200.000	65.174	17.072
146.811	34409.234	40549.066	26.076
27.573	29.062	1.019	
12/14/2016 9:15:00 PM	602100.000	65.180	17.071
146.824	34411.703	40552.867	26.079
27.576	29.060	1.019	
12/14/2016 9:30:00 PM	603000.000	65.185	17.072
146.835	34398.754	40536.961	26.067
27.565	29.071	1.019	
12/14/2016 9:45:00 PM	603900.000	65.186	17.072
146.839	34403.676	40542.844	26.072
27.569	29.067	1.019	
12/14/2016 10:00:00 PM	604800.000	65.193	17.072
146.855	34413.574	40554.754	26.080
27.577	29.058	1.019	
12/14/2016 10:15:00 PM	605700.000	65.206	17.073
146.884	34393.680	40530.578	26.063
27.561	29.075	1.019	
12/14/2016 10:30:00 PM	606600.000	65.207	17.072
146.886	34403.824	40542.938	26.072
27.569	29.067	1.019	
12/14/2016 10:45:00 PM	607500.000	65.214	17.072
146.900	34414.578	40555.691	26.081
27.578	29.057	1.019	
12/14/2016 11:00:00 PM	608400.000	65.217	17.072
146.907	34413.305	40554.672	26.080
27.577	29.059	1.019	
12/14/2016 11:15:00 PM	609300.000	65.221	17.072
146.917	34413.926	40554.754	26.080
27.577	29.058	1.019	
12/14/2016 11:30:00 PM	610200.000	65.226	17.072
146.929	34402.863	40541.492	26.071
27.568	29.067	1.019	
12/14/2016 11:45:00 PM	611100.000	65.227	17.072
146.930	34414.109	40555.387	26.081
27.578	29.058	1.019	

Report Date: 12/19/2016 10:29:01 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-3S Pre Test_2016-12-15_08-13-37-926.wsl
Create Date: 12/15/2016 8:12:18 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: 712
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
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)
12/8/2016 12:00:00 AM	7200.000	19.246	17.217	43.353	33487.652	39335.230	25.220	26.748	29.862	1.018
12/8/2016 12:15:00 AM	8100.000	19.244	17.216	43.349	33494.426	39343.422	25.226	26.754	29.856	1.018
12/8/2016 12:30:00 AM	9000.000	19.243	17.217	43.346	33492.047	39339.926	25.224	26.751	29.858	1.018
12/8/2016 12:45:00 AM	9900.000	19.244	17.218	43.348	33465.957	39308.281	25.201	26.730	29.881	1.018
12/8/2016 1:00:00 AM	10800.000	19.243	17.218	43.346	33471.051	39314.188	25.205	26.734	29.877	1.018
12/8/2016 1:15:00 AM	11700.000	19.242	17.218	43.344	33489.184	39335.563	25.220	26.748	29.860	1.018
12/8/2016 1:30:00 AM	12600.000	19.244	17.218	43.348	33454.613	39295.117	25.192	26.721	29.891	1.018
12/8/2016 1:45:00 AM	13500.000	19.244	17.218	43.348	33462.102	39304.531	25.198	26.727	29.885	1.018

12/8/2016 2:00:00 AM	14400.000	19.241	17.219
43.342	33451.828	39290.910	25.189
26.718	29.894	1.018	
12/8/2016 2:15:00 AM	15300.000	19.237	17.220
43.333	33435.551	39271.477	25.175
26.705	29.908	1.018	
12/8/2016 2:30:00 AM	16200.000	19.241	17.218
43.342	33460.066	39301.668	25.196
26.725	29.886	1.018	
12/8/2016 2:45:00 AM	17100.000	19.240	17.219
43.341	33454.125	39293.609	25.191
26.720	29.892	1.018	
12/8/2016 3:00:00 AM	18000.000	19.242	17.217
43.344	33440.039	39279.219	25.180
26.710	29.904	1.018	
12/8/2016 3:15:00 AM	18900.000	19.238	17.218
43.336	33431.793	39268.379	25.173
26.702	29.912	1.018	
12/8/2016 3:30:00 AM	19800.000	19.240	17.218
43.339	33427.801	39263.770	25.170
26.699	29.915	1.018	
12/8/2016 3:45:00 AM	20700.000	19.242	17.218
43.345	33437.930	39275.285	25.178
26.707	29.906	1.018	
12/8/2016 4:00:00 AM	21600.000	19.236	17.216
43.331	33460.070	39303.301	25.198
26.726	29.886	1.018	
12/8/2016 4:15:00 AM	22500.000	19.237	17.216
43.333	33414.313	39250.164	25.160
26.690	29.927	1.018	
12/8/2016 4:30:00 AM	23400.000	19.238	17.214
43.334	33454.141	39298.656	25.194
26.723	29.892	1.018	
12/8/2016 4:45:00 AM	24300.000	19.239	17.212
43.338	33446.223	39290.969	25.189
26.718	29.899	1.018	
12/8/2016 5:00:00 AM	25200.000	19.238	17.212
43.334	33460.266	39306.930	25.200
26.729	29.886	1.018	
12/8/2016 5:15:00 AM	26100.000	19.238	17.208
43.336	33435.418	39281.297	25.182
26.711	29.908	1.018	
12/8/2016 5:30:00 AM	27000.000	19.236	17.207
43.331	33458.188	39309.129	25.201
26.730	29.888	1.018	
12/8/2016 5:45:00 AM	27900.000	19.236	17.210
43.332	33431.648	39275.621	25.178
26.707	29.912	1.018	
12/8/2016 6:00:00 AM	28800.000	19.236	17.209
43.330	33438.137	39284.031	25.184
26.713	29.906	1.018	
12/8/2016 6:15:00 AM	29700.000	19.232	17.206
43.321	33434.996	39283.203	25.183
26.713	29.909	1.018	
12/8/2016 6:30:00 AM	30600.000	19.236	17.206

43.332	33450.566	39301.188	25.196
26.725	29.895	1.018	
12/8/2016 6:45:00 AM	31500.000	19.232	17.205
43.323	33422.125	39268.691	25.172
26.703	29.920	1.018	
12/8/2016 7:00:00 AM	32400.000	19.235	17.204
43.329	33434.422	39284.223	25.183
26.713	29.909	1.018	
12/8/2016 7:15:00 AM	33300.000	19.229	17.203
43.315	33463.469	39318.977	25.208
26.737	29.883	1.018	
12/8/2016 7:30:00 AM	34200.000	19.232	17.199
43.321	33446.566	39302.207	25.196
26.726	29.898	1.018	
12/8/2016 7:45:00 AM	35100.000	19.233	17.200
43.323	33451.016	39306.660	25.199
26.729	29.894	1.018	
12/8/2016 8:00:00 AM	36000.000	19.230	17.200
43.318	33462.012	39319.500	25.208
26.737	29.885	1.018	
12/8/2016 8:15:00 AM	36900.000	19.232	17.204
43.323	33448.047	39300.387	25.195
26.724	29.897	1.018	
12/8/2016 8:30:00 AM	37800.000	19.229	17.201
43.315	33442.199	39295.449	25.191
26.721	29.902	1.018	
12/8/2016 8:45:00 AM	38700.000	19.231	17.203
43.320	33497.195	39358.988	25.236
26.764	29.853	1.018	
12/8/2016 9:00:00 AM	39600.000	19.230	17.199
43.318	33488.996	39352.223	25.231
26.760	29.861	1.018	
12/8/2016 9:15:00 AM	40500.000	19.227	17.199
43.311	33474.996	39336.383	25.220
26.749	29.873	1.018	
12/8/2016 9:30:00 AM	41400.000	19.231	17.198
43.320	33496.473	39361.773	25.238
26.766	29.854	1.018	
12/8/2016 9:45:00 AM	42300.000	19.224	17.197
43.303	33476.965	39339.859	25.223
26.751	29.871	1.018	
12/8/2016 10:00:00 AM	43200.000	19.227	17.198
43.311	33503.344	39370.555	25.244
26.772	29.848	1.018	
12/8/2016 10:15:00 AM	44100.000	19.225	17.199
43.306	33481.566	39343.879	25.226
26.754	29.867	1.018	
12/8/2016 10:30:00 AM	45000.000	19.228	17.198
43.313	33486.145	39349.723	25.230
26.758	29.863	1.018	
12/8/2016 10:45:00 AM	45900.000	19.224	17.198
43.303	33487.289	39351.691	25.231
26.759	29.862	1.018	
12/8/2016 11:00:00 AM	46800.000	19.222	17.197
43.299	33507.695	39375.895	25.248

26.776	29.844	1.018	
12/8/2016 11:15:00 AM	47700.000	19.225	17.197
43.306	33491.215	39356.457	25.234
26.762	29.859	1.018	
12/8/2016 11:30:00 AM	48600.000	19.225	17.201
43.306	33506.320	39370.875	25.245
26.772	29.845	1.018	
12/8/2016 11:45:00 AM	49500.000	19.226	17.202
43.309	33496.895	39358.793	25.236
26.764	29.854	1.018	
12/8/2016 12:00:00 PM	50400.000	19.222	17.202
43.300	33498.590	39360.938	25.238
26.765	29.852	1.018	
12/8/2016 12:15:00 PM	51300.000	19.222	17.202
43.299	33512.168	39377.430	25.249
26.777	29.840	1.018	
12/8/2016 12:30:00 PM	52200.000	19.220	17.204
43.295	33522.398	39387.215	25.256
26.783	29.831	1.018	
12/8/2016 12:45:00 PM	53100.000	19.224	17.207
43.305	33519.352	39380.836	25.252
26.779	29.834	1.018	
12/8/2016 1:00:00 PM	54000.000	19.221	17.211
43.297	33509.488	39365.844	25.242
26.769	29.842	1.018	
12/8/2016 1:15:00 PM	54900.000	19.220	17.211
43.295	33484.980	39337.590	25.222
26.750	29.864	1.018	
12/8/2016 1:30:00 PM	55800.000	19.220	17.213
43.295	33537.324	39397.141	25.264
26.790	29.818	1.018	
12/8/2016 1:45:00 PM	56700.000	19.219	17.214
43.292	33554.266	39415.500	25.277
26.803	29.802	1.018	
12/8/2016 2:00:00 PM	57600.000	19.220	17.217
43.295	33507.008	39357.742	25.236
26.763	29.845	1.018	
12/8/2016 2:15:00 PM	58500.000	19.215	17.217
43.285	33539.344	39395.793	25.263
26.789	29.816	1.018	
12/8/2016 2:30:00 PM	59400.000	19.216	17.218
43.287	33504.688	39353.695	25.233
26.761	29.847	1.018	
12/8/2016 2:45:00 PM	60300.000	19.216	17.218
43.285	33497.766	39346.023	25.228
26.755	29.853	1.018	
12/8/2016 3:00:00 PM	61200.000	19.215	17.220
43.283	33510.105	39359.043	25.237
26.764	29.842	1.018	
12/8/2016 3:15:00 PM	62100.000	19.216	17.220
43.287	33497.660	39344.051	25.227
26.754	29.853	1.018	
12/8/2016 3:30:00 PM	63000.000	19.211	17.219
43.274	33489.078	39335.121	25.220
26.748	29.860	1.018	

12/8/2016 3:45:00 PM	63900.000	19.215	17.220
43.283	33514.848	39364.387	25.241
26.768	29.838	1.018	
12/8/2016 4:00:00 PM	64800.000	19.211	17.220
43.274	33501.414	39348.766	25.230
26.757	29.849	1.018	
12/8/2016 4:15:00 PM	65700.000	19.211	17.220
43.275	33482.563	39326.625	25.214
26.742	29.866	1.018	
12/8/2016 4:30:00 PM	66600.000	19.213	17.220
43.279	33520.641	39371.039	25.246
26.772	29.832	1.018	
12/8/2016 4:45:00 PM	67500.000	19.211	17.219
43.275	33466.211	39308.422	25.201
26.730	29.881	1.018	
12/8/2016 5:00:00 PM	68400.000	19.211	17.217
43.274	33494.008	39342.852	25.226
26.753	29.856	1.018	
12/8/2016 5:15:00 PM	69300.000	19.212	17.216
43.276	33472.227	39317.734	25.208
26.736	29.876	1.018	
12/8/2016 5:30:00 PM	70200.000	19.208	17.218
43.268	33461.594	39303.461	25.198
26.726	29.885	1.018	
12/8/2016 5:45:00 PM	71100.000	19.209	17.219
43.271	33459.957	39300.297	25.196
26.724	29.886	1.018	
12/8/2016 6:00:00 PM	72000.000	19.211	17.216
43.274	33465.141	39309.414	25.202
26.730	29.882	1.018	
12/8/2016 6:15:00 PM	72900.000	19.205	17.216
43.262	33452.207	39294.359	25.191
26.720	29.893	1.018	
12/8/2016 6:30:00 PM	73800.000	19.205	17.215
43.262	33453.246	39296.055	25.192
26.721	29.892	1.018	
12/8/2016 6:45:00 PM	74700.000	19.205	17.215
43.260	33485.805	39334.379	25.220
26.747	29.863	1.018	
12/8/2016 7:00:00 PM	75600.000	19.209	17.215
43.270	33437.863	39278.676	25.180
26.710	29.906	1.018	
12/8/2016 7:15:00 PM	76500.000	19.203	17.213
43.257	33459.602	39305.305	25.199
26.728	29.887	1.018	
12/8/2016 7:30:00 PM	77400.000	19.206	17.216
43.263	33456.402	39299.605	25.195
26.724	29.890	1.018	
12/8/2016 7:45:00 PM	78300.000	19.206	17.214
43.264	33468.574	39315.613	25.206
26.735	29.879	1.018	
12/8/2016 8:00:00 PM	79200.000	19.206	17.214
43.263	33471.891	39318.961	25.209
26.737	29.876	1.018	
12/8/2016 8:15:00 PM	80100.000	19.202	17.214

43.255	33487.172	39336.914	25.221
26.749	29.862	1.018	
12/8/2016 8:30:00 PM	81000.000	19.199	17.214
43.248	33482.063	39331.148	25.217
26.745	29.867	1.018	
12/8/2016 8:45:00 PM	81900.000	19.201	17.214
43.252	33495.383	39346.641	25.228
26.756	29.855	1.018	
12/8/2016 9:00:00 PM	82800.000	19.203	17.212
43.257	33476.117	39325.477	25.213
26.741	29.872	1.018	
12/8/2016 9:15:00 PM	83700.000	19.200	17.214
43.249	33489.859	39340.152	25.224
26.751	29.860	1.018	
12/8/2016 9:30:00 PM	84600.000	19.202	17.214
43.254	33490.395	39340.781	25.224
26.752	29.859	1.018	
12/8/2016 9:45:00 PM	85500.000	19.203	17.214
43.257	33460.375	39305.363	25.199
26.728	29.886	1.018	
12/8/2016 10:00:00 PM	86400.000	19.196	17.214
43.242	33500.570	39352.652	25.232
26.760	29.850	1.018	
12/8/2016 10:15:00 PM	87300.000	19.200	17.215
43.250	33469.789	39316.102	25.207
26.735	29.878	1.018	
12/8/2016 10:30:00 PM	88200.000	19.196	17.216
43.241	33469.672	39314.344	25.205
26.734	29.878	1.018	
12/8/2016 10:45:00 PM	89100.000	19.198	17.218
43.246	33487.648	39333.758	25.219
26.747	29.862	1.018	
12/8/2016 11:00:00 PM	90000.000	19.194	17.218
43.236	33502.719	39351.535	25.232
26.759	29.848	1.018	
12/8/2016 11:15:00 PM	90900.000	19.194	17.220
43.237	33461.840	39301.824	25.197
26.725	29.885	1.018	
12/8/2016 11:30:00 PM	91800.000	19.196	17.223
43.241	33482.840	39323.938	25.212
26.740	29.866	1.018	
12/8/2016 11:45:00 PM	92700.000	19.193	17.223
43.234	33464.289	39302.527	25.197
26.726	29.883	1.018	
12/9/2016 12:00:00 AM	93600.000	19.193	17.224
43.234	33491.914	39334.203	25.220
26.747	29.858	1.018	
12/9/2016 12:15:00 AM	94500.000	19.193	17.226
43.234	33476.074	39313.434	25.205
26.733	29.872	1.018	
12/9/2016 12:30:00 AM	95400.000	19.192	17.226
43.233	33479.281	39316.891	25.208
26.735	29.869	1.018	
12/9/2016 12:45:00 AM	96300.000	19.192	17.227
43.232	33466.000	39300.602	25.196

26.724	29.881	1.018	
12/9/2016 1:00:00 AM	97200.000	19.191	17.226
43.229	33485.004	39323.613	25.212
26.740	29.864	1.018	
12/9/2016 1:15:00 AM	98100.000	19.187	17.229
43.220	33453.309	39284.379	25.185
26.713	29.892	1.018	
12/9/2016 1:30:00 AM	99000.000	19.190	17.228
43.227	33463.539	39296.629	25.193
26.722	29.883	1.018	
12/9/2016 1:45:00 AM	99900.000	19.192	17.229
43.231	33457.695	39289.457	25.188
26.717	29.888	1.018	
12/9/2016 2:00:00 AM	100800.000	19.194	17.231
43.237	33474.270	39307.063	25.201
26.729	29.874	1.018	
12/9/2016 2:15:00 AM	101700.000	19.190	17.232
43.227	33439.875	39265.895	25.172
26.701	29.904	1.018	
12/9/2016 2:30:00 AM	102600.000	19.184	17.231
43.215	33450.352	39278.816	25.181
26.710	29.895	1.018	
12/9/2016 2:45:00 AM	103500.000	19.188	17.230
43.224	33453.898	39283.605	25.184
26.713	29.892	1.018	
12/9/2016 3:00:00 AM	104400.000	19.188	17.229
43.223	33431.441	39258.000	25.166
26.695	29.912	1.018	
12/9/2016 3:15:00 AM	105300.000	19.185	17.230
43.217	33471.551	39304.406	25.199
26.727	29.876	1.018	
12/9/2016 3:30:00 AM	106200.000	19.188	17.228
43.223	33454.473	39286.047	25.186
26.715	29.891	1.018	
12/9/2016 3:45:00 AM	107100.000	19.187	17.228
43.221	33422.668	39248.699	25.159
26.689	29.920	1.018	
12/9/2016 4:00:00 AM	108000.000	19.185	17.226
43.216	33421.523	39249.063	25.160
26.689	29.921	1.018	
12/9/2016 4:15:00 AM	108900.000	19.188	17.224
43.222	33421.504	39251.047	25.161
26.691	29.921	1.018	
12/9/2016 4:30:00 AM	109800.000	19.181	17.225
43.207	33434.031	39264.832	25.171
26.700	29.910	1.018	
12/9/2016 4:45:00 AM	110700.000	19.181	17.225
43.207	33468.031	39304.680	25.199
26.727	29.879	1.018	
12/9/2016 5:00:00 AM	111600.000	19.185	17.221
43.216	33454.930	39292.621	25.190
26.719	29.891	1.018	
12/9/2016 5:15:00 AM	112500.000	19.182	17.224
43.209	33446.398	39280.438	25.182
26.711	29.899	1.018	

12/9/2016 5:30:00 AM	113400.000	19.183	17.222
43.211	33458.832	39297.051	25.193
26.722	29.887	1.018	
12/9/2016 5:45:00 AM	114300.000	19.183	17.220
43.212	33445.996	39283.059	25.183
26.712	29.899	1.018	
12/9/2016 6:00:00 AM	115200.000	19.178	17.217
43.200	33418.453	39254.102	25.163
26.693	29.924	1.018	
12/9/2016 6:15:00 AM	116100.000	19.178	17.215
43.201	33455.832	39299.555	25.195
26.724	29.890	1.018	
12/9/2016 6:30:00 AM	117000.000	19.180	17.214
43.205	33490.805	39341.020	25.224
26.752	29.859	1.018	
12/9/2016 6:45:00 AM	117900.000	19.181	17.212
43.206	33465.313	39313.395	25.204
26.733	29.882	1.018	
12/9/2016 7:00:00 AM	118800.000	19.178	17.209
43.200	33469.750	39320.930	25.210
26.738	29.878	1.018	
12/9/2016 7:15:00 AM	119700.000	19.179	17.208
43.203	33472.457	39324.891	25.212
26.741	29.875	1.018	
12/9/2016 7:30:00 AM	120600.000	19.178	17.207
43.201	33453.277	39303.129	25.197
26.726	29.892	1.018	
12/9/2016 7:45:00 AM	121500.000	19.176	17.204
43.195	33463.988	39318.652	25.208
26.737	29.883	1.018	
12/9/2016 8:00:00 AM	122400.000	19.179	17.205
43.202	33470.648	39326.012	25.213
26.742	29.877	1.018	
12/9/2016 8:15:00 AM	123300.000	19.177	17.197
43.198	33488.727	39353.531	25.232
26.760	29.861	1.018	
12/9/2016 8:30:00 AM	124200.000	19.175	17.201
43.194	33462.238	39319.148	25.208
26.737	29.884	1.018	
12/9/2016 8:45:00 AM	125100.000	19.173	17.199
43.189	33522.461	39392.238	25.260
26.787	29.831	1.018	
12/9/2016 9:00:00 AM	126000.000	19.173	17.197
43.188	33490.277	39355.660	25.234
26.762	29.859	1.018	
12/9/2016 9:15:00 AM	126900.000	19.177	17.196
43.198	33496.906	39364.223	25.240
26.768	29.854	1.018	
12/9/2016 9:30:00 AM	127800.000	19.173	17.198
43.190	33514.016	39383.008	25.253
26.780	29.838	1.018	
12/9/2016 9:45:00 AM	128700.000	19.170	17.194
43.181	33522.633	39396.789	25.263
26.790	29.831	1.018	
12/9/2016 10:00:00 AM	129600.000	19.175	17.192

43.194	33516.328	39391.016	25.259
26.786	29.836	1.018	
12/9/2016 10:15:00 AM	130500.000	19.173	17.193
43.189	33483.574	39351.738	25.231
26.759	29.865	1.018	
12/9/2016 10:30:00 AM	131400.000	19.169	17.191
43.180	33512.363	39386.969	25.256
26.783	29.840	1.018	
12/9/2016 10:45:00 AM	132300.000	19.170	17.193
43.181	33481.105	39348.211	25.228
26.757	29.868	1.018	
12/9/2016 11:00:00 AM	133200.000	19.171	17.192
43.185	33494.363	39365.340	25.240
26.768	29.856	1.018	
12/9/2016 11:15:00 AM	134100.000	19.174	17.191
43.192	33525.254	39401.883	25.266
26.793	29.828	1.018	
12/9/2016 11:30:00 AM	135000.000	19.169	17.192
43.179	33514.344	39388.055	25.257
26.784	29.838	1.018	
12/9/2016 11:45:00 AM	135900.000	19.166	17.196
43.173	33523.738	39396.230	25.262
26.789	29.830	1.018	
12/9/2016 12:00:00 PM	136800.000	19.166	17.195
43.174	33541.836	39417.883	25.278
26.804	29.814	1.018	
12/9/2016 12:15:00 PM	137700.000	19.164	17.198
43.170	33501.113	39367.313	25.242
26.770	29.850	1.018	
12/9/2016 12:30:00 PM	138600.000	19.169	17.196
43.179	33517.406	39388.707	25.257
26.784	29.835	1.018	
12/9/2016 12:45:00 PM	139500.000	19.166	17.198
43.174	33547.957	39422.273	25.281
26.807	29.808	1.018	
12/9/2016 1:00:00 PM	140400.000	19.164	17.199
43.170	33512.242	39379.926	25.251
26.778	29.840	1.018	
12/9/2016 1:15:00 PM	141300.000	19.165	17.201
43.172	33532.520	39401.660	25.267
26.793	29.822	1.018	
12/9/2016 1:30:00 PM	142200.000	19.164	17.204
43.170	33555.840	39426.344	25.284
26.810	29.801	1.018	
12/9/2016 1:45:00 PM	143100.000	19.162	17.207
43.163	33548.875	39415.676	25.277
26.803	29.807	1.018	
12/9/2016 2:00:00 PM	144000.000	19.163	17.210
43.166	33519.348	39378.355	25.250
26.777	29.834	1.018	
12/9/2016 2:15:00 PM	144900.000	19.166	17.213
43.173	33511.348	39366.547	25.242
26.769	29.841	1.018	
12/9/2016 2:30:00 PM	145800.000	19.164	17.215
43.168	33531.883	39389.043	25.258

26.785	29.822	1.018	
12/9/2016 2:45:00 PM	146700.000	19.159	17.216
43.157	33546.141	39404.477	25.269
26.795	29.810	1.018	
12/9/2016 3:00:00 PM	147600.000	19.163	17.218
43.167	33537.148	39391.973	25.260
26.787	29.818	1.018	
12/9/2016 3:15:00 PM	148500.000	19.163	17.219
43.166	33513.910	39363.668	25.240
26.767	29.838	1.018	
12/9/2016 3:30:00 PM	149400.000	19.160	17.219
43.160	33529.555	39382.355	25.254
26.780	29.824	1.018	
12/9/2016 3:45:00 PM	150300.000	19.157	17.221
43.154	33508.320	39356.180	25.235
26.762	29.843	1.018	
12/9/2016 4:00:00 PM	151200.000	19.160	17.222
43.160	33522.617	39372.039	25.247
26.773	29.831	1.018	
12/9/2016 4:15:00 PM	152100.000	19.158	17.222
43.156	33500.836	39346.457	25.228
26.756	29.850	1.018	
12/9/2016 4:30:00 PM	153000.000	19.161	17.222
43.162	33516.840	39364.563	25.241
26.768	29.836	1.018	
12/9/2016 4:45:00 PM	153900.000	19.159	17.224
43.157	33531.938	39381.055	25.253
26.779	29.822	1.018	
12/9/2016 5:00:00 PM	154800.000	19.158	17.225
43.156	33520.301	39366.457	25.243
26.769	29.833	1.018	
12/9/2016 5:15:00 PM	155700.000	19.157	17.223
43.152	33476.867	39317.234	25.208
26.736	29.871	1.018	
12/9/2016 5:30:00 PM	156600.000	19.154	17.223
43.147	33495.391	39339.207	25.223
26.751	29.855	1.018	
12/9/2016 5:45:00 PM	157500.000	19.157	17.223
43.154	33454.898	39291.496	25.189
26.718	29.891	1.018	
12/9/2016 6:00:00 PM	158400.000	19.155	17.223
43.149	33486.816	39328.754	25.216
26.744	29.862	1.018	
12/9/2016 6:15:00 PM	159300.000	19.162	17.222
43.164	33497.109	39342.082	25.225
26.753	29.853	1.018	
12/9/2016 6:30:00 PM	160200.000	19.155	17.219
43.147	33495.457	39341.992	25.225
26.753	29.855	1.018	
12/9/2016 6:45:00 PM	161100.000	19.152	17.219
43.141	33461.074	39301.918	25.197
26.725	29.885	1.018	
12/9/2016 7:00:00 PM	162000.000	19.156	17.221
43.151	33507.820	39355.512	25.235
26.762	29.844	1.018	

12/9/2016 7:15:00 PM	162900.000	19.153	17.218
43.144	33458.699	39299.680	25.195
26.724	29.888	1.018	
12/9/2016 7:30:00 PM	163800.000	19.152	17.217
43.141	33467.859	39311.445	25.203
26.732	29.879	1.018	
12/9/2016 7:45:00 PM	164700.000	19.151	17.215
43.140	33495.031	39345.137	25.227
26.755	29.855	1.018	
12/9/2016 8:00:00 PM	165600.000	19.149	17.215
43.134	33493.789	39344.297	25.227
26.754	29.856	1.018	
12/9/2016 8:15:00 PM	166500.000	19.151	17.216
43.140	33496.684	39346.848	25.228
26.756	29.854	1.018	
12/9/2016 8:30:00 PM	167400.000	19.152	17.215
43.142	33473.934	39320.434	25.210
26.738	29.874	1.018	
12/9/2016 8:45:00 PM	168300.000	19.153	17.215
43.145	33482.477	39330.781	25.217
26.745	29.866	1.018	
12/9/2016 9:00:00 PM	169200.000	19.150	17.215
43.137	33483.566	39332.363	25.218
26.746	29.865	1.018	
12/9/2016 9:15:00 PM	170100.000	19.150	17.216
43.137	33474.219	39320.305	25.210
26.738	29.874	1.018	
12/9/2016 9:30:00 PM	171000.000	19.152	17.215
43.142	33484.031	39332.680	25.218
26.746	29.865	1.018	
12/9/2016 9:45:00 PM	171900.000	19.148	17.216
43.133	33509.785	39361.852	25.239
26.766	29.842	1.018	
12/9/2016 10:00:00 PM	172800.000	19.149	17.214
43.135	33476.270	39323.879	25.212
26.740	29.872	1.018	
12/9/2016 10:15:00 PM	173700.000	19.152	17.214
43.142	33501.141	39353.938	25.233
26.761	29.850	1.018	
12/9/2016 10:30:00 PM	174600.000	19.148	17.214
43.132	33502.000	39354.945	25.234
26.761	29.849	1.018	
12/9/2016 10:45:00 PM	175500.000	19.151	17.213
43.139	33508.664	39363.555	25.240
26.767	29.843	1.018	
12/9/2016 11:00:00 PM	176400.000	19.147	17.214
43.131	33474.047	39321.797	25.211
26.739	29.874	1.018	
12/9/2016 11:15:00 PM	177300.000	19.151	17.214
43.139	33505.859	39359.480	25.237
26.764	29.846	1.018	
12/9/2016 11:30:00 PM	178200.000	19.146	17.213
43.129	33482.434	39332.660	25.218
26.746	29.866	1.018	
12/9/2016 11:45:00 PM	179100.000	19.148	17.212

43.132	33466.141	39314.367	25.205
26.734	29.881	1.018	
12/10/2016 12:00:00 AM	180000.000	19.144	17.212
43.123	33493.930	39347.168	25.228
26.756	29.856	1.018	
12/10/2016 12:15:00 AM	180900.000	19.142	17.214
43.120	33474.598	39322.293	25.211
26.739	29.873	1.018	
12/10/2016 12:30:00 AM	181800.000	19.146	17.215
43.128	33452.547	39295.625	25.192
26.721	29.893	1.018	
12/10/2016 12:45:00 AM	182700.000	19.140	17.212
43.115	33513.520	39369.953	25.245
26.772	29.839	1.018	
12/10/2016 1:00:00 AM	183600.000	19.145	17.217
43.125	33503.773	39354.168	25.234
26.761	29.847	1.018	
12/10/2016 1:15:00 AM	184500.000	19.143	17.219
43.122	33497.148	39344.223	25.227
26.754	29.853	1.018	
12/10/2016 1:30:00 AM	185400.000	19.139	17.221
43.113	33490.871	39334.836	25.220
26.748	29.859	1.018	
12/10/2016 1:45:00 AM	186300.000	19.143	17.221
43.121	33489.754	39333.977	25.219
26.747	29.860	1.018	
12/10/2016 2:00:00 AM	187200.000	19.137	17.222
43.108	33498.094	39342.848	25.226
26.753	29.852	1.018	
12/10/2016 2:15:00 AM	188100.000	19.144	17.222
43.124	33499.504	39344.504	25.227
26.754	29.851	1.018	
12/10/2016 2:30:00 AM	189000.000	19.143	17.222
43.122	33495.977	39340.203	25.224
26.751	29.854	1.018	
12/10/2016 2:45:00 AM	189900.000	19.140	17.223
43.114	33468.734	39307.371	25.201
26.729	29.879	1.018	
12/10/2016 3:00:00 AM	190800.000	19.137	17.222
43.108	33500.230	39345.199	25.227
26.755	29.851	1.018	
12/10/2016 3:15:00 AM	191700.000	19.138	17.225
43.110	33510.590	39355.133	25.235
26.761	29.841	1.018	
12/10/2016 3:30:00 AM	192600.000	19.139	17.223
43.112	33502.691	39347.715	25.229
26.756	29.848	1.018	
12/10/2016 3:45:00 AM	193500.000	19.138	17.223
43.111	33458.539	39295.617	25.192
26.721	29.888	1.018	
12/10/2016 4:00:00 AM	194400.000	19.137	17.221
43.108	33479.547	39321.699	25.211
26.739	29.869	1.018	
12/10/2016 4:15:00 AM	195300.000	19.137	17.222
43.108	33503.926	39349.629	25.231

26.758	29.847	1.018	
12/10/2016 4:30:00 AM	196200.000	19.133	17.220
43.099	33483.176	39326.727	25.214
26.742	29.866	1.018	
12/10/2016 4:45:00 AM	197100.000	19.133	17.220
43.100	33474.055	39316.012	25.207
26.735	29.874	1.018	
12/10/2016 5:00:00 AM	198000.000	19.134	17.220
43.101	33468.625	39309.863	25.202
26.731	29.879	1.018	
12/10/2016 5:15:00 AM	198900.000	19.134	17.218
43.101	33478.496	39323.316	25.212
26.740	29.870	1.018	
12/10/2016 5:30:00 AM	199800.000	19.133	17.217
43.100	33483.281	39329.941	25.216
26.744	29.866	1.018	
12/10/2016 5:45:00 AM	200700.000	19.137	17.214
43.108	33489.949	39340.105	25.224
26.751	29.860	1.018	
12/10/2016 6:00:00 AM	201600.000	19.134	17.215
43.102	33506.855	39359.262	25.237
26.764	29.845	1.018	
12/10/2016 6:15:00 AM	202500.000	19.135	17.214
43.103	33510.746	39365.219	25.241
26.768	29.841	1.018	
12/10/2016 6:30:00 AM	203400.000	19.133	17.211
43.100	33516.328	39374.176	25.248
26.774	29.836	1.018	
12/10/2016 6:45:00 AM	204300.000	19.132	17.208
43.096	33523.227	39384.691	25.255
26.782	29.830	1.018	
12/10/2016 7:00:00 AM	205200.000	19.133	17.206
43.098	33520.695	39383.648	25.254
26.781	29.832	1.018	
12/10/2016 7:15:00 AM	206100.000	19.130	17.204
43.092	33511.449	39374.105	25.247
26.774	29.841	1.018	
12/10/2016 7:30:00 AM	207000.000	19.132	17.205
43.096	33542.801	39410.785	25.273
26.799	29.813	1.018	
12/10/2016 7:45:00 AM	207900.000	19.133	17.201
43.098	33525.465	39393.211	25.261
26.787	29.828	1.018	
12/10/2016 8:00:00 AM	208800.000	19.132	17.199
43.096	33514.043	39381.887	25.252
26.780	29.838	1.018	
12/10/2016 8:15:00 AM	209700.000	19.134	17.196
43.101	33516.887	39388.016	25.257
26.784	29.836	1.018	
12/10/2016 8:30:00 AM	210600.000	19.134	17.193
43.100	33542.840	39420.918	25.280
26.806	29.813	1.018	
12/10/2016 8:45:00 AM	211500.000	19.129	17.195
43.090	33530.082	39404.605	25.268
26.795	29.824	1.018	

12/10/2016 9:00:00 AM	212400.000	19.131	17.191
43.094	33508.234	39382.113	25.252
26.780	29.843	1.018	
12/10/2016 9:15:00 AM	213300.000	19.126	17.188
43.084	33554.457	39438.766	25.292
26.818	29.802	1.018	
12/10/2016 9:30:00 AM	214200.000	19.132	17.188
43.096	33547.012	39430.406	25.286
26.813	29.809	1.018	
12/10/2016 9:45:00 AM	215100.000	19.132	17.186
43.096	33567.500	39456.188	25.305
26.830	29.791	1.018	
12/10/2016 10:00:00 AM	216000.000	19.128	17.185
43.087	33522.422	39403.980	25.268
26.795	29.831	1.018	
12/10/2016 10:15:00 AM	216900.000	19.130	17.184
43.093	33549.938	39437.809	25.291
26.818	29.806	1.018	
12/10/2016 10:30:00 AM	217800.000	19.132	17.184
43.096	33564.469	39454.496	25.303
26.829	29.793	1.018	
12/10/2016 10:45:00 AM	218700.000	19.132	17.184
43.096	33549.102	39436.355	25.290
26.817	29.807	1.018	
12/10/2016 11:00:00 AM	219600.000	19.125	17.182
43.080	33512.254	39394.750	25.261
26.788	29.840	1.018	
12/10/2016 11:15:00 AM	220500.000	19.131	17.185
43.094	33573.621	39464.090	25.310
26.836	29.785	1.018	
12/10/2016 11:30:00 AM	221400.000	19.129	17.184
43.090	33565.359	39455.152	25.304
26.830	29.793	1.018	
12/10/2016 11:45:00 AM	222300.000	19.126	17.182
43.082	33569.145	39461.469	25.308
26.834	29.789	1.018	
12/10/2016 12:00:00 PM	223200.000	19.125	17.184
43.082	33565.453	39455.879	25.304
26.830	29.793	1.018	
12/10/2016 12:15:00 PM	224100.000	19.126	17.184
43.082	33609.813	39507.637	25.341
26.865	29.753	1.018	
12/10/2016 12:30:00 PM	225000.000	19.128	17.186
43.087	33568.074	39456.953	25.305
26.831	29.790	1.018	
12/10/2016 12:45:00 PM	225900.000	19.125	17.189
43.080	33616.691	39511.836	25.344
26.868	29.747	1.018	
12/10/2016 1:00:00 PM	226800.000	19.125	17.189
43.080	33586.555	39476.113	25.319
26.844	29.774	1.018	
12/10/2016 1:15:00 PM	227700.000	19.125	17.190
43.080	33584.316	39472.156	25.316
26.841	29.776	1.018	
12/10/2016 1:30:00 PM	228600.000	19.125	17.191

43.082	33593.445	39482.102	25.323
26.848	29.768	1.018	
12/10/2016 1:45:00 PM	229500.000	19.125	17.192
43.080	33599.488	39488.582	25.328
26.852	29.762	1.018	
12/10/2016 2:00:00 PM	230400.000	19.121	17.193
43.071	33592.430	39479.672	25.322
26.846	29.769	1.018	
12/10/2016 2:15:00 PM	231300.000	19.125	17.194
43.082	33592.105	39478.438	25.321
26.845	29.769	1.018	
12/10/2016 2:30:00 PM	232200.000	19.121	17.197
43.071	33586.574	39468.586	25.314
26.839	29.774	1.018	
12/10/2016 2:45:00 PM	233100.000	19.122	17.198
43.075	33599.293	39483.219	25.324
26.849	29.763	1.018	
12/10/2016 3:00:00 PM	234000.000	19.123	17.199
43.076	33629.551	39517.457	25.349
26.872	29.736	1.018	
12/10/2016 3:15:00 PM	234900.000	19.122	17.202
43.075	33617.832	39501.590	25.338
26.861	29.746	1.018	
12/10/2016 3:30:00 PM	235800.000	19.123	17.205
43.077	33586.336	39461.234	25.309
26.834	29.774	1.018	
12/10/2016 3:45:00 PM	236700.000	19.119	17.207
43.067	33592.602	39467.133	25.313
26.838	29.768	1.018	
12/10/2016 4:00:00 PM	237600.000	19.121	17.209
43.071	33605.383	39480.516	25.323
26.847	29.757	1.018	
12/10/2016 4:15:00 PM	238500.000	19.120	17.211
43.069	33566.938	39433.164	25.289
26.815	29.791	1.018	
12/10/2016 4:30:00 PM	239400.000	19.121	17.212
43.071	33629.227	39506.109	25.341
26.864	29.736	1.018	
12/10/2016 4:45:00 PM	240300.000	19.121	17.213
43.073	33574.699	39441.047	25.295
26.820	29.784	1.018	
12/10/2016 5:00:00 PM	241200.000	19.122	17.215
43.074	33595.547	39463.133	25.311
26.835	29.766	1.018	
12/10/2016 5:15:00 PM	242100.000	19.121	17.215
43.071	33572.918	39437.020	25.292
26.817	29.786	1.018	
12/10/2016 5:30:00 PM	243000.000	19.119	17.216
43.067	33558.371	39418.691	25.279
26.805	29.799	1.018	
12/10/2016 5:45:00 PM	243900.000	19.118	17.214
43.066	33578.027	39443.410	25.297
26.822	29.781	1.018	
12/10/2016 6:00:00 PM	244800.000	19.119	17.218
43.068	33584.750	39448.594	25.301

26.825	29.775	1.018	
12/10/2016 6:15:00 PM	245700.000	19.121	17.217
43.071	33564.973	39425.516	25.284
26.809	29.793	1.018	
12/10/2016 6:30:00 PM	246600.000	19.117	17.217
43.063	33565.633	39426.906	25.285
26.810	29.792	1.018	
12/10/2016 6:45:00 PM	247500.000	19.117	17.216
43.063	33555.355	39415.074	25.277
26.802	29.802	1.018	
12/10/2016 7:00:00 PM	248400.000	19.117	17.215
43.063	33522.332	39377.285	25.250
26.777	29.831	1.018	
12/10/2016 7:15:00 PM	249300.000	19.122	17.214
43.075	33549.883	39410.883	25.274
26.799	29.806	1.018	
12/10/2016 7:30:00 PM	250200.000	19.117	17.214
43.063	33520.953	39376.988	25.250
26.776	29.832	1.018	
12/10/2016 7:45:00 PM	251100.000	19.116	17.213
43.062	33557.527	39420.957	25.281
26.806	29.800	1.018	
12/10/2016 8:00:00 PM	252000.000	19.117	17.211
43.063	33566.836	39433.043	25.289
26.814	29.791	1.018	
12/10/2016 8:15:00 PM	252900.000	19.114	17.211
43.057	33563.309	39428.754	25.286
26.812	29.794	1.018	
12/10/2016 8:30:00 PM	253800.000	19.117	17.211
43.063	33562.406	39427.930	25.286
26.811	29.795	1.018	
12/10/2016 8:45:00 PM	254700.000	19.117	17.211
43.063	33546.750	39409.848	25.273
26.799	29.809	1.018	
12/10/2016 9:00:00 PM	255600.000	19.117	17.208
43.063	33518.176	39379.145	25.251
26.778	29.835	1.018	
12/10/2016 9:15:00 PM	256500.000	19.117	17.209
43.063	33543.914	39408.605	25.272
26.798	29.812	1.018	
12/10/2016 9:30:00 PM	257400.000	19.114	17.208
43.056	33523.371	39385.094	25.255
26.782	29.830	1.018	
12/10/2016 9:45:00 PM	258300.000	19.114	17.208
43.055	33536.395	39400.008	25.266
26.792	29.818	1.018	
12/10/2016 10:00:00 PM	259200.000	19.116	17.208
43.061	33504.656	39363.172	25.240
26.767	29.847	1.018	
12/10/2016 10:15:00 PM	260100.000	19.113	17.206
43.053	33550.148	39418.184	25.279
26.804	29.806	1.018	
12/10/2016 10:30:00 PM	261000.000	19.114	17.206
43.057	33545.574	39412.500	25.275
26.801	29.810	1.018	

12/10/2016 10:45:00 PM	261900.000	19.111	17.205
43.050	33558.418	39428.828	25.286
26.812	29.799	1.018	
12/10/2016 11:00:00 PM	262800.000	19.112	17.204
43.051	33581.063	39455.898	25.305
26.830	29.779	1.018	
12/10/2016 11:15:00 PM	263700.000	19.116	17.205
43.061	33549.910	39418.754	25.279
26.805	29.806	1.018	
12/10/2016 11:30:00 PM	264600.000	19.113	17.207
43.053	33560.785	39429.828	25.287
26.812	29.797	1.018	
12/10/2016 11:45:00 PM	265500.000	19.110	17.207
43.046	33551.980	39419.555	25.280
26.805	29.805	1.018	
12/11/2016 12:00:00 AM	266400.000	19.112	17.207
43.053	33568.434	39439.117	25.293
26.819	29.790	1.018	
12/11/2016 12:15:00 AM	267300.000	19.114	17.205
43.056	33561.969	39432.539	25.289
26.814	29.796	1.018	
12/11/2016 12:30:00 AM	268200.000	19.113	17.205
43.054	33538.426	39405.645	25.270
26.796	29.817	1.018	
12/11/2016 12:45:00 AM	269100.000	19.108	17.206
43.043	33574.715	39446.805	25.299
26.824	29.784	1.018	
12/11/2016 1:00:00 AM	270000.000	19.112	17.205
43.051	33538.102	39404.801	25.269
26.795	29.817	1.018	
12/11/2016 1:15:00 AM	270900.000	19.109	17.206
43.044	33544.176	39411.391	25.274
26.800	29.811	1.018	
12/11/2016 1:30:00 AM	271800.000	19.111	17.205
43.050	33542.570	39410.434	25.273
26.799	29.813	1.018	
12/11/2016 1:45:00 AM	272700.000	19.110	17.205
43.047	33548.242	39416.477	25.277
26.803	29.808	1.018	
12/11/2016 2:00:00 AM	273600.000	19.108	17.205
43.042	33567.211	39439.465	25.294
26.819	29.791	1.018	
12/11/2016 2:15:00 AM	274500.000	19.110	17.206
43.046	33583.477	39457.410	25.306
26.831	29.777	1.018	
12/11/2016 2:30:00 AM	275400.000	19.109	17.206
43.044	33560.098	39430.031	25.287
26.812	29.797	1.018	
12/11/2016 2:45:00 AM	276300.000	19.109	17.208
43.044	33541.875	39406.449	25.270
26.796	29.813	1.018	
12/11/2016 3:00:00 AM	277200.000	19.107	17.210
43.041	33568.477	39436.074	25.291
26.817	29.790	1.018	
12/11/2016 3:15:00 AM	278100.000	19.106	17.210

43.039	33579.582	39449.500	25.301
26.826	29.780	1.018	
12/11/2016 3:30:00 AM	279000.000	19.109	17.211
43.044	33560.527	39425.875	25.284
26.810	29.797	1.018	
12/11/2016 3:45:00 AM	279900.000	19.106	17.212
43.037	33563.582	39428.387	25.286
26.811	29.794	1.018	
12/11/2016 4:00:00 AM	280800.000	19.106	17.212
43.037	33562.906	39427.969	25.286
26.811	29.795	1.018	
12/11/2016 4:15:00 AM	281700.000	19.109	17.210
43.044	33541.742	39404.586	25.269
26.795	29.814	1.018	
12/11/2016 4:30:00 AM	282600.000	19.105	17.210
43.036	33570.477	39438.719	25.293
26.818	29.788	1.018	
12/11/2016 4:45:00 AM	283500.000	19.105	17.210
43.036	33590.172	39461.711	25.310
26.834	29.771	1.018	
12/11/2016 5:00:00 AM	284400.000	19.107	17.208
43.041	33554.887	39421.734	25.281
26.807	29.802	1.018	
12/11/2016 5:15:00 AM	285300.000	19.107	17.208
43.040	33574.141	39444.273	25.297
26.822	29.785	1.018	
12/11/2016 5:30:00 AM	286200.000	19.103	17.208
43.032	33535.742	39399.316	25.265
26.792	29.819	1.018	
12/11/2016 5:45:00 AM	287100.000	19.105	17.209
43.036	33607.223	39482.594	25.324
26.848	29.756	1.018	
12/11/2016 6:00:00 AM	288000.000	19.104	17.206
43.034	33594.906	39470.297	25.316
26.840	29.766	1.018	
12/11/2016 6:15:00 AM	288900.000	19.103	17.206
43.032	33572.461	39444.090	25.297
26.822	29.786	1.018	
12/11/2016 6:30:00 AM	289800.000	19.105	17.206
43.035	33547.719	39415.398	25.277
26.802	29.808	1.018	
12/11/2016 6:45:00 AM	290700.000	19.106	17.205
43.037	33580.293	39454.758	25.304
26.829	29.779	1.018	
12/11/2016 7:00:00 AM	291600.000	19.106	17.201
43.038	33614.480	39497.883	25.335
26.859	29.749	1.018	
12/11/2016 7:15:00 AM	292500.000	19.102	17.199
43.030	33579.605	39459.004	25.307
26.832	29.780	1.018	
12/11/2016 7:30:00 AM	293400.000	19.106	17.197
43.038	33551.316	39427.313	25.285
26.811	29.805	1.018	
12/11/2016 7:45:00 AM	294300.000	19.102	17.198
43.029	33562.086	39439.184	25.293

26.819	29.796	1.018	
12/11/2016 8:00:00 AM	295200.000	19.101	17.197
43.027	33588.660	39471.738	25.316
26.841	29.772	1.018	
12/11/2016 8:15:00 AM	296100.000	19.108	17.194
43.042	33597.137	39484.418	25.325
26.849	29.764	1.018	
12/11/2016 8:30:00 AM	297000.000	19.099	17.190
43.023	33578.613	39465.914	25.312
26.837	29.781	1.018	
12/11/2016 8:45:00 AM	297900.000	19.104	17.190
43.034	33550.793	39433.461	25.289
26.815	29.806	1.018	
12/11/2016 9:00:00 AM	298800.000	19.103	17.186
43.032	33607.234	39502.895	25.338
26.862	29.755	1.018	
12/11/2016 9:15:00 AM	299700.000	19.099	17.182
43.023	33591.051	39487.449	25.327
26.851	29.770	1.018	
12/11/2016 9:30:00 AM	300600.000	19.104	17.181
43.034	33595.184	39493.242	25.331
26.855	29.766	1.018	
12/11/2016 9:45:00 AM	301500.000	19.102	17.179
43.028	33603.484	39505.105	25.339
26.863	29.759	1.018	
12/11/2016 10:00:00 AM	302400.000	19.104	17.178
43.034	33634.086	39541.625	25.365
26.888	29.732	1.018	
12/11/2016 10:15:00 AM	303300.000	19.105	17.175
43.035	33637.516	39548.078	25.369
26.893	29.729	1.018	
12/11/2016 10:30:00 AM	304200.000	19.103	17.176
43.031	33624.484	39532.203	25.358
26.882	29.740	1.018	
12/11/2016 10:45:00 AM	305100.000	19.100	17.179
43.024	33595.867	39496.074	25.333
26.857	29.766	1.018	
12/11/2016 11:00:00 AM	306000.000	19.100	17.171
43.024	33607.316	39516.301	25.347
26.871	29.755	1.018	
12/11/2016 11:15:00 AM	306900.000	19.103	17.176
43.032	33611.250	39516.645	25.347
26.871	29.752	1.018	
12/11/2016 11:30:00 AM	307800.000	19.102	17.176
43.029	33630.461	39539.000	25.363
26.887	29.735	1.018	
12/11/2016 11:45:00 AM	308700.000	19.102	17.177
43.029	33651.688	39562.871	25.380
26.903	29.716	1.018	
12/11/2016 12:00:00 PM	309600.000	19.099	17.178
43.023	33614.523	39518.395	25.348
26.873	29.749	1.018	
12/11/2016 12:15:00 PM	310500.000	19.099	17.178
43.023	33586.188	39485.391	25.325
26.850	29.774	1.018	

12/11/2016 12:30:00 PM	311400.000	19.098	17.181
43.021	33648.145	39555.426	25.375
26.898	29.719	1.018	
12/11/2016 12:45:00 PM	312300.000	19.102	17.182
43.028	33627.945	39531.133	25.358
26.881	29.737	1.018	
12/11/2016 1:00:00 PM	313200.000	19.095	17.183
43.013	33650.160	39556.395	25.376
26.898	29.718	1.018	
12/11/2016 1:15:00 PM	314100.000	19.095	17.184
43.013	33657.672	39563.820	25.381
26.903	29.711	1.018	
12/11/2016 1:30:00 PM	315000.000	19.096	17.184
43.016	33670.219	39578.496	25.391
26.913	29.700	1.018	
12/11/2016 1:45:00 PM	315900.000	19.102	17.185
43.028	33647.430	39550.918	25.372
26.895	29.720	1.018	
12/11/2016 2:00:00 PM	316800.000	19.098	17.186
43.020	33652.730	39556.617	25.376
26.899	29.715	1.018	
12/11/2016 2:15:00 PM	317700.000	19.096	17.188
43.016	33656.047	39558.480	25.377
26.900	29.712	1.018	
12/11/2016 2:30:00 PM	318600.000	19.098	17.190
43.019	33661.484	39563.238	25.381
26.903	29.708	1.018	
12/11/2016 2:45:00 PM	319500.000	19.094	17.189
43.012	33608.672	39502.262	25.337
26.862	29.754	1.018	
12/11/2016 3:00:00 PM	320400.000	19.098	17.190
43.021	33654.691	39555.094	25.375
26.897	29.714	1.018	
12/11/2016 3:15:00 PM	321300.000	19.098	17.192
43.019	33673.883	39575.555	25.390
26.911	29.697	1.018	
12/11/2016 3:30:00 PM	322200.000	19.097	17.195
43.017	33652.922	39548.895	25.371
26.893	29.715	1.018	
12/11/2016 3:45:00 PM	323100.000	19.094	17.196
43.012	33676.723	39575.535	25.390
26.911	29.694	1.018	
12/11/2016 4:00:00 PM	324000.000	19.094	17.199
43.011	33677.867	39574.316	25.389
26.911	29.693	1.018	
12/11/2016 4:15:00 PM	324900.000	19.098	17.204
43.020	33671.387	39562.105	25.381
26.902	29.699	1.018	
12/11/2016 4:30:00 PM	325800.000	19.097	17.205
43.018	33674.523	39564.848	25.383
26.904	29.696	1.018	
12/11/2016 4:45:00 PM	326700.000	19.097	17.206
43.017	33633.098	39515.488	25.348
26.871	29.733	1.018	
12/11/2016 5:00:00 PM	327600.000	19.095	17.209

43.014	33665.309	39551.145	25.373
26.895	29.704	1.018	
12/11/2016 5:15:00 PM	328500.000	19.098	17.210
43.020	33662.723	39546.555	25.370
26.892	29.706	1.018	
12/11/2016 5:30:00 PM	329400.000	19.096	17.213
43.015	33629.609	39505.086	25.341
26.863	29.736	1.018	
12/11/2016 5:45:00 PM	330300.000	19.092	17.214
43.007	33620.512	39494.164	25.333
26.856	29.744	1.018	
12/11/2016 6:00:00 PM	331200.000	19.096	17.214
43.016	33619.152	39492.566	25.332
26.855	29.745	1.018	
12/11/2016 6:15:00 PM	332100.000	19.095	17.216
43.013	33598.742	39465.953	25.313
26.837	29.763	1.018	
12/11/2016 6:30:00 PM	333000.000	19.095	17.217
43.013	33605.297	39473.262	25.318
26.842	29.757	1.018	
12/11/2016 6:45:00 PM	333900.000	19.092	17.217
43.006	33612.152	39481.387	25.324
26.847	29.751	1.018	
12/11/2016 7:00:00 PM	334800.000	19.095	17.217
43.014	33587.328	39451.691	25.303
26.827	29.773	1.018	
12/11/2016 7:15:00 PM	335700.000	19.093	17.217
43.010	33583.863	39447.863	25.300
26.825	29.776	1.018	
12/11/2016 7:30:00 PM	336600.000	19.096	17.217
43.016	33564.434	39425.266	25.284
26.809	29.793	1.018	
12/11/2016 7:45:00 PM	337500.000	19.095	17.218
43.014	33570.484	39431.836	25.289
26.814	29.788	1.018	
12/11/2016 8:00:00 PM	338400.000	19.095	17.218
43.013	33595.297	39460.891	25.309
26.833	29.766	1.018	
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43.010	33605.473	39473.777	25.318
26.842	29.757	1.018	
12/11/2016 8:30:00 PM	340200.000	19.093	17.218
43.010	33585.715	39449.727	25.301
26.826	29.775	1.018	
12/11/2016 8:45:00 PM	341100.000	19.094	17.216
43.012	33601.367	39469.727	25.316
26.839	29.761	1.018	
12/11/2016 9:00:00 PM	342000.000	19.090	17.215
43.002	33575.664	39440.473	25.295
26.820	29.783	1.018	
12/11/2016 9:15:00 PM	342900.000	19.094	17.212
43.012	33565.727	39431.438	25.288
26.813	29.792	1.018	
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43.008	33577.215	39446.871	25.299

26.824	29.782	1.018	
12/11/2016 9:45:00 PM	344700.000	19.091	17.209
43.005	33539.477	39402.539	25.268
26.794	29.816	1.018	
12/11/2016 10:00:00 PM	345600.000	19.092	17.210
43.006	33576.941	39445.938	25.298
26.823	29.782	1.018	
12/11/2016 10:15:00 PM	346500.000	19.091	17.209
43.004	33545.313	39409.547	25.273
26.798	29.810	1.018	
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43.010	33575.215	39444.832	25.298
26.822	29.784	1.018	
12/11/2016 10:45:00 PM	348300.000	19.092	17.207
43.007	33606.164	39482.828	25.324
26.848	29.756	1.018	
12/11/2016 11:00:00 PM	349200.000	19.091	17.206
43.004	33607.246	39485.648	25.326
26.850	29.755	1.018	
12/11/2016 11:15:00 PM	350100.000	19.093	17.206
43.008	33601.211	39477.871	25.321
26.845	29.761	1.018	
12/11/2016 11:30:00 PM	351000.000	19.091	17.206
43.004	33587.090	39461.191	25.309
26.834	29.773	1.018	
12/11/2016 11:45:00 PM	351900.000	19.091	17.207
43.004	33585.844	39459.031	25.308
26.832	29.774	1.018	
12/12/2016 12:00:00 AM	352800.000	19.092	17.206
43.007	33568.340	39439.629	25.294
26.819	29.790	1.018	
12/12/2016 12:15:00 AM	353700.000	19.087	17.205
42.996	33570.852	39443.434	25.296
26.822	29.788	1.018	
12/12/2016 12:30:00 AM	354600.000	19.091	17.207
43.004	33591.672	39466.270	25.313
26.837	29.769	1.018	
12/12/2016 12:45:00 AM	355500.000	19.091	17.205
43.004	33583.781	39458.938	25.307
26.832	29.776	1.018	
12/12/2016 1:00:00 AM	356400.000	19.088	17.204
42.998	33584.082	39459.371	25.308
26.832	29.776	1.018	
12/12/2016 1:15:00 AM	357300.000	19.089	17.203
43.001	33555.918	39427.605	25.285
26.811	29.801	1.018	
12/12/2016 1:30:00 AM	358200.000	19.091	17.204
43.005	33604.332	39483.637	25.325
26.849	29.758	1.018	
12/12/2016 1:45:00 AM	359100.000	19.093	17.204
43.008	33596.176	39473.738	25.318
26.842	29.765	1.018	
12/12/2016 2:00:00 AM	360000.000	19.088	17.204
42.999	33630.207	39514.188	25.347
26.870	29.735	1.018	

12/12/2016 2:15:00 AM	360900.000	19.087	17.205
42.995	33609.785	39489.262	25.329
26.853	29.753	1.018	
12/12/2016 2:30:00 AM	361800.000	19.091	17.207
43.004	33605.441	39481.980	25.324
26.848	29.757	1.018	
12/12/2016 2:45:00 AM	362700.000	19.087	17.205
42.995	33591.094	39466.914	25.313
26.838	29.770	1.018	
12/12/2016 3:00:00 AM	363600.000	19.089	17.205
43.001	33597.781	39475.387	25.319
26.843	29.764	1.018	
12/12/2016 3:15:00 AM	364500.000	19.088	17.205
42.999	33625.117	39506.801	25.341
26.865	29.740	1.018	
12/12/2016 3:30:00 AM	365400.000	19.089	17.207
43.001	33597.500	39473.191	25.318
26.842	29.764	1.018	
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42.995	33608.172	39485.426	25.326
26.850	29.755	1.018	
12/12/2016 4:00:00 AM	367200.000	19.088	17.206
42.997	33578.922	39451.750	25.302
26.827	29.781	1.018	
12/12/2016 4:15:00 AM	368100.000	19.084	17.209
42.989	33604.543	39479.754	25.322
26.846	29.758	1.018	
12/12/2016 4:30:00 AM	369000.000	19.086	17.208
42.994	33589.242	39462.703	25.310
26.835	29.771	1.018	
12/12/2016 4:45:00 AM	369900.000	19.087	17.207
42.995	33642.684	39525.891	25.355
26.878	29.724	1.018	
12/12/2016 5:00:00 AM	370800.000	19.086	17.206
42.993	33618.605	39498.219	25.335
26.859	29.745	1.018	
12/12/2016 5:15:00 AM	371700.000	19.087	17.206
42.995	33615.266	39494.383	25.333
26.856	29.748	1.018	
12/12/2016 5:30:00 AM	372600.000	19.085	17.207
42.992	33604.227	39480.398	25.323
26.847	29.758	1.018	
12/12/2016 5:45:00 AM	373500.000	19.085	17.206
42.992	33590.598	39466.023	25.312
26.837	29.770	1.018	
12/12/2016 6:00:00 AM	374400.000	19.086	17.205
42.994	33594.273	39471.109	25.316
26.840	29.767	1.018	
12/12/2016 6:15:00 AM	375300.000	19.082	17.205
42.984	33589.180	39465.125	25.312
26.836	29.771	1.018	
12/12/2016 6:30:00 AM	376200.000	19.086	17.202
42.993	33610.227	39492.570	25.331
26.855	29.753	1.018	
12/12/2016 6:45:00 AM	377100.000	19.087	17.201

42.995	33619.887	39504.160	25.339
26.863	29.744	1.018	
12/12/2016 7:00:00 AM	378000.000	19.085	17.200
42.991	33583.969	39462.961	25.310
26.835	29.776	1.018	
12/12/2016 7:15:00 AM	378900.000	19.084	17.200
42.989	33627.234	39513.645	25.346
26.869	29.738	1.018	
12/12/2016 7:30:00 AM	379800.000	19.087	17.200
42.995	33627.234	39513.645	25.346
26.869	29.738	1.018	
12/12/2016 7:45:00 AM	380700.000	19.085	17.196
42.992	33621.367	39510.406	25.344
26.867	29.743	1.018	
12/12/2016 8:00:00 AM	381600.000	19.084	17.194
42.989	33628.547	39520.711	25.351
26.874	29.737	1.018	
12/12/2016 8:15:00 AM	382500.000	19.087	17.192
42.995	33617.000	39508.844	25.342
26.866	29.747	1.018	
12/12/2016 8:30:00 AM	383400.000	19.083	17.188
42.987	33613.352	39508.461	25.342
26.866	29.750	1.018	
12/12/2016 8:45:00 AM	384300.000	19.081	17.186
42.983	33645.570	39548.273	25.370
26.893	29.722	1.018	
12/12/2016 9:00:00 AM	385200.000	19.086	17.184
42.994	33627.320	39528.070	25.356
26.879	29.738	1.018	
12/12/2016 9:15:00 AM	386100.000	19.083	17.180
42.987	33620.449	39523.957	25.352
26.876	29.744	1.018	
12/12/2016 9:30:00 AM	387000.000	19.083	17.177
42.986	33663.734	39577.734	25.390
26.913	29.706	1.018	
12/12/2016 9:45:00 AM	387900.000	19.083	17.174
42.987	33651.570	39565.688	25.382
26.905	29.716	1.018	
12/12/2016 10:00:00 AM	388800.000	19.085	17.174
42.992	33670.117	39587.809	25.397
26.920	29.700	1.018	
12/12/2016 10:15:00 AM	389700.000	19.086	17.174
42.993	33638.297	39550.395	25.371
26.894	29.728	1.018	
12/12/2016 10:30:00 AM	390600.000	19.084	17.171
42.988	33649.645	39566.227	25.382
26.905	29.718	1.018	
12/12/2016 10:45:00 AM	391500.000	19.082	17.171
42.983	33652.617	39569.875	25.385
26.908	29.715	1.018	
12/12/2016 11:00:00 AM	392400.000	19.083	17.169
42.987	33669.242	39591.371	25.400
26.922	29.701	1.018	
12/12/2016 11:15:00 AM	393300.000	19.085	17.168
42.991	33649.262	39568.031	25.383

26.906	29.718	1.018	
12/12/2016 11:30:00 AM	394200.000	19.083	17.165
42.987	33656.816	39579.727	25.391
26.914	29.712	1.018	
12/12/2016 11:45:00 AM	395100.000	19.079	17.167
42.977	33678.855	39603.691	25.408
26.931	29.692	1.018	
12/12/2016 12:00:00 PM	396000.000	19.084	17.166
42.989	33651.289	39572.918	25.386
26.910	29.717	1.018	
12/12/2016 12:15:00 PM	396900.000	19.085	17.167
42.991	33667.574	39590.895	25.399
26.922	29.702	1.018	
12/12/2016 12:30:00 PM	397800.000	19.082	17.169
42.983	33683.262	39607.707	25.411
26.933	29.688	1.018	
12/12/2016 12:45:00 PM	398700.000	19.081	17.168
42.983	33642.043	39560.258	25.378
26.901	29.725	1.018	
12/12/2016 1:00:00 PM	399600.000	19.084	17.171
42.988	33661.824	39580.625	25.392
26.915	29.707	1.018	
12/12/2016 1:15:00 PM	400500.000	19.083	17.171
42.987	33672.223	39592.230	25.400
26.923	29.698	1.018	
12/12/2016 1:30:00 PM	401400.000	19.084	17.171
42.989	33625.570	39538.074	25.362
26.886	29.739	1.018	
12/12/2016 1:45:00 PM	402300.000	19.081	17.174
42.982	33681.809	39601.555	25.407
26.929	29.690	1.018	
12/12/2016 2:00:00 PM	403200.000	19.086	17.178
42.994	33712.355	39634.039	25.430
26.951	29.663	1.018	
12/12/2016 2:15:00 PM	404100.000	19.083	17.181
42.987	33711.035	39629.754	25.428
26.948	29.664	1.018	
12/12/2016 2:30:00 PM	405000.000	19.083	17.185
42.987	33685.125	39595.547	25.403
26.925	29.687	1.018	
12/12/2016 2:45:00 PM	405900.000	19.084	17.186
42.989	33708.605	39621.824	25.422
26.943	29.666	1.018	
12/12/2016 3:00:00 PM	406800.000	19.086	17.187
42.993	33728.004	39643.996	25.438
26.958	29.649	1.018	
12/12/2016 3:15:00 PM	407700.000	19.082	17.188
42.983	33673.348	39579.211	25.392
26.914	29.697	1.018	
12/12/2016 3:30:00 PM	408600.000	19.082	17.188
42.984	33705.137	39615.867	25.418
26.939	29.669	1.018	
12/12/2016 3:45:00 PM	409500.000	19.081	17.191
42.983	33715.488	39626.168	25.425
26.946	29.660	1.018	

12/12/2016 4:00:00 PM	410400.000	19.081	17.191
42.981	33706.055	39614.613	25.417
26.938	29.668	1.018	
12/12/2016 4:15:00 PM	411300.000	19.081	17.195
42.982	33698.461	39602.570	25.409
26.930	29.675	1.018	
12/12/2016 4:30:00 PM	412200.000	19.084	17.198
42.989	33714.258	39618.480	25.420
26.941	29.661	1.018	
12/12/2016 4:45:00 PM	413100.000	19.085	17.202
42.991	33741.977	39646.918	25.441
26.960	29.637	1.018	
12/12/2016 5:00:00 PM	414000.000	19.084	17.204
42.989	33713.938	39612.020	25.416
26.936	29.661	1.018	
12/12/2016 5:15:00 PM	414900.000	19.082	17.206
42.983	33695.355	39588.945	25.400
26.920	29.678	1.018	
12/12/2016 5:30:00 PM	415800.000	19.082	17.207
42.984	33696.504	39588.965	25.400
26.920	29.677	1.018	
12/12/2016 5:45:00 PM	416700.000	19.084	17.207
42.989	33675.793	39564.707	25.383
26.904	29.695	1.018	
12/12/2016 6:00:00 PM	417600.000	19.078	17.210
42.975	33692.086	39581.516	25.395
26.915	29.681	1.018	
12/12/2016 6:15:00 PM	418500.000	19.086	17.213
42.993	33688.359	39574.254	25.390
26.910	29.684	1.018	
12/12/2016 6:30:00 PM	419400.000	19.079	17.214
42.976	33660.223	39540.277	25.366
26.887	29.709	1.018	
12/12/2016 6:45:00 PM	420300.000	19.081	17.216
42.981	33640.395	39515.500	25.348
26.871	29.726	1.018	
12/12/2016 7:00:00 PM	421200.000	19.082	17.218
42.984	33607.039	39474.301	25.319
26.843	29.756	1.018	
12/12/2016 7:15:00 PM	422100.000	19.083	17.218
42.987	33653.027	39527.934	25.357
26.879	29.715	1.018	
12/12/2016 7:30:00 PM	423000.000	19.080	17.219
42.980	33631.672	39502.453	25.339
26.862	29.734	1.018	
12/12/2016 7:45:00 PM	423900.000	19.083	17.220
42.986	33627.004	39496.117	25.334
26.857	29.738	1.018	
12/12/2016 8:00:00 PM	424800.000	19.081	17.219
42.983	33634.332	39505.508	25.341
26.864	29.732	1.018	
12/12/2016 8:15:00 PM	425700.000	19.083	17.218
42.987	33605.930	39472.762	25.318
26.841	29.757	1.018	
12/12/2016 8:30:00 PM	426600.000	19.083	17.217

42.986	33611.055	39479.559	25.323
26.846	29.752	1.018	
12/12/2016 8:45:00 PM	427500.000	19.079	17.219
42.976	33598.793	39463.922	25.312
26.835	29.763	1.018	
12/12/2016 9:00:00 PM	428400.000	19.083	17.218
42.986	33606.945	39473.883	25.319
26.842	29.756	1.018	
12/12/2016 9:15:00 PM	429300.000	19.078	17.217
42.975	33593.828	39459.793	25.309
26.833	29.767	1.018	
12/12/2016 9:30:00 PM	430200.000	19.081	17.216
42.981	33643.176	39518.457	25.350
26.873	29.724	1.018	
12/12/2016 9:45:00 PM	431100.000	19.079	17.215
42.978	33627.332	39501.164	25.338
26.861	29.738	1.018	
12/12/2016 10:00:00 PM	432000.000	19.078	17.214
42.975	33607.215	39478.074	25.321
26.845	29.756	1.018	
12/12/2016 10:15:00 PM	432900.000	19.082	17.212
42.984	33605.195	39477.105	25.321
26.844	29.757	1.018	
12/12/2016 10:30:00 PM	433800.000	19.078	17.210
42.975	33596.883	39469.129	25.315
26.839	29.765	1.018	
12/12/2016 10:45:00 PM	434700.000	19.083	17.210
42.987	33573.133	39441.543	25.295
26.820	29.786	1.018	
12/12/2016 11:00:00 PM	435600.000	19.079	17.210
42.977	33559.055	39425.227	25.284
26.809	29.798	1.018	
12/12/2016 11:15:00 PM	436500.000	19.076	17.208
42.970	33616.434	39493.961	25.332
26.856	29.747	1.018	
12/12/2016 11:30:00 PM	437400.000	19.079	17.208
42.977	33614.637	39492.004	25.331
26.855	29.749	1.018	
12/12/2016 11:45:00 PM	438300.000	19.078	17.206
42.975	33626.289	39507.563	25.342
26.865	29.739	1.018	
12/13/2016 12:00:00 AM	439200.000	19.077	17.209
42.973	33581.461	39452.172	25.303
26.827	29.778	1.018	
12/13/2016 12:15:00 AM	440100.000	19.079	17.209
42.978	33618.297	39495.602	25.334
26.857	29.746	1.018	
12/13/2016 12:30:00 AM	441000.000	19.080	17.207
42.980	33597.309	39472.578	25.317
26.841	29.764	1.018	
12/13/2016 12:45:00 AM	441900.000	19.074	17.207
42.967	33601.051	39477.133	25.320
26.844	29.761	1.018	
12/13/2016 1:00:00 AM	442800.000	19.077	17.208
42.972	33622.160	39500.770	25.337

26.861	29.742	1.018	
12/13/2016 1:15:00 AM	443700.000	19.076	17.208
42.970	33620.059	39498.602	25.336
26.859	29.744	1.018	
12/13/2016 1:30:00 AM	444600.000	19.077	17.207
42.972	33615.191	39493.508	25.332
26.856	29.748	1.018	
12/13/2016 1:45:00 AM	445500.000	19.078	17.207
42.976	33602.922	39479.406	25.322
26.846	29.759	1.018	
12/13/2016 2:00:00 AM	446400.000	19.075	17.208
42.968	33607.188	39483.723	25.325
26.849	29.756	1.018	
12/13/2016 2:15:00 AM	447300.000	19.075	17.209
42.968	33616.480	39493.859	25.332
26.856	29.747	1.018	
12/13/2016 2:30:00 AM	448200.000	19.078	17.207
42.975	33606.602	39483.883	25.325
26.849	29.756	1.018	
12/13/2016 2:45:00 AM	449100.000	19.075	17.208
42.969	33621.758	39500.840	25.337
26.861	29.743	1.018	
12/13/2016 3:00:00 AM	450000.000	19.076	17.207
42.971	33610.699	39488.156	25.328
26.852	29.752	1.018	
12/13/2016 3:15:00 AM	450900.000	19.079	17.208
42.978	33587.090	39459.406	25.308
26.832	29.773	1.018	
12/13/2016 3:30:00 AM	451800.000	19.077	17.209
42.973	33649.094	39531.559	25.359
26.881	29.718	1.018	
12/13/2016 3:45:00 AM	452700.000	19.074	17.209
42.965	33653.879	39537.563	25.363
26.886	29.714	1.018	
12/13/2016 4:00:00 AM	453600.000	19.076	17.210
42.971	33616.957	39493.102	25.332
26.855	29.747	1.018	
12/13/2016 4:15:00 AM	454500.000	19.076	17.211
42.970	33583.629	39452.625	25.303
26.828	29.776	1.018	
12/13/2016 4:30:00 AM	455400.000	19.074	17.210
42.967	33614.992	39490.945	25.330
26.854	29.749	1.018	
12/13/2016 4:45:00 AM	456300.000	19.071	17.211
42.960	33623.270	39499.898	25.337
26.860	29.741	1.018	
12/13/2016 5:00:00 AM	457200.000	19.074	17.212
42.965	33609.355	39482.691	25.325
26.848	29.754	1.018	
12/13/2016 5:15:00 AM	458100.000	19.077	17.212
42.973	33593.523	39463.473	25.311
26.835	29.768	1.018	
12/13/2016 5:30:00 AM	459000.000	19.072	17.212
42.962	33582.750	39451.438	25.302
26.827	29.777	1.018	

12/13/2016 5:45:00 AM	459900.000	19.071	17.213
42.960	33634.051	39510.301	25.344
26.867	29.732	1.018	
12/13/2016 6:00:00 AM	460800.000	19.073	17.212
42.965	33573.250	39439.578	25.294
26.819	29.786	1.018	
12/13/2016 6:15:00 AM	461700.000	19.072	17.210
42.961	33602.707	39476.051	25.320
26.844	29.760	1.018	
12/13/2016 6:30:00 AM	462600.000	19.073	17.210
42.965	33620.852	39497.441	25.335
26.858	29.743	1.018	
12/13/2016 6:45:00 AM	463500.000	19.073	17.209
42.963	33607.285	39482.754	25.324
26.848	29.755	1.018	
12/13/2016 7:00:00 AM	464400.000	19.072	17.210
42.961	33614.250	39490.070	25.330
26.853	29.749	1.018	
12/13/2016 7:15:00 AM	465300.000	19.070	17.209
42.958	33608.762	39484.488	25.326
26.849	29.754	1.018	
12/13/2016 7:30:00 AM	466200.000	19.073	17.208
42.963	33611.555	39488.387	25.328
26.852	29.752	1.018	
12/13/2016 7:45:00 AM	467100.000	19.071	17.206
42.959	33613.672	39493.043	25.332
26.855	29.750	1.018	
12/13/2016 8:00:00 AM	468000.000	19.073	17.206
42.965	33636.070	39518.824	25.350
26.873	29.730	1.018	
12/13/2016 8:15:00 AM	468900.000	19.071	17.204
42.959	33610.773	39491.273	25.330
26.854	29.752	1.018	
12/13/2016 8:30:00 AM	469800.000	19.070	17.203
42.958	33612.215	39493.434	25.332
26.856	29.751	1.018	
12/13/2016 8:45:00 AM	470700.000	19.072	17.203
42.962	33627.547	39511.906	25.345
26.868	29.738	1.018	
12/13/2016 9:00:00 AM	471600.000	19.070	17.199
42.958	33628.188	39516.395	25.348
26.871	29.737	1.018	
12/13/2016 9:15:00 AM	472500.000	19.068	17.193
42.952	33621.895	39513.602	25.346
26.869	29.743	1.018	
12/13/2016 9:30:00 AM	473400.000	19.073	17.193
42.963	33640.203	39535.273	25.361
26.884	29.726	1.018	
12/13/2016 9:45:00 AM	474300.000	19.069	17.191
42.954	33634.793	39531.328	25.358
26.881	29.731	1.018	
12/13/2016 10:00:00 AM	475200.000	19.068	17.189
42.954	33643.199	39542.133	25.366
26.889	29.724	1.018	
12/13/2016 10:15:00 AM	476100.000	19.071	17.187

42.959	33646.211	39547.855	25.370
26.893	29.721	1.018	
12/13/2016 10:30:00 AM	477000.000	19.071	17.181
42.960	33663.000	39572.891	25.387
26.910	29.706	1.018	
12/13/2016 10:45:00 AM	477900.000	19.071	17.181
42.959	33670.156	39581.301	25.393
26.915	29.700	1.018	
12/13/2016 11:00:00 AM	478800.000	19.069	17.182
42.954	33646.828	39553.328	25.373
26.896	29.720	1.018	
12/13/2016 11:15:00 AM	479700.000	19.069	17.179
42.955	33688.660	39604.852	25.410
26.931	29.684	1.018	
12/13/2016 11:30:00 AM	480600.000	19.070	17.176
42.956	33663.035	39577.848	25.390
26.913	29.706	1.018	
12/13/2016 11:45:00 AM	481500.000	19.067	17.178
42.950	33678.066	39593.328	25.402
26.923	29.693	1.018	
12/13/2016 12:00:00 PM	482400.000	19.072	17.173
42.962	33637.340	39549.895	25.370
26.894	29.729	1.018	
12/13/2016 12:15:00 PM	483300.000	19.072	17.174
42.962	33684.949	39605.246	25.410
26.932	29.687	1.018	
12/13/2016 12:30:00 PM	484200.000	19.069	17.173
42.954	33678.129	39598.230	25.405
26.927	29.693	1.018	
12/13/2016 12:45:00 PM	485100.000	19.068	17.176
42.952	33663.215	39577.426	25.390
26.913	29.706	1.018	
12/13/2016 1:00:00 PM	486000.000	19.069	17.178
42.954	33678.430	39594.156	25.402
26.924	29.693	1.018	
12/13/2016 1:15:00 PM	486900.000	19.070	17.178
42.957	33690.383	39607.809	25.412
26.933	29.682	1.018	
12/13/2016 1:30:00 PM	487800.000	19.070	17.179
42.956	33677.324	39591.281	25.400
26.922	29.694	1.018	
12/13/2016 1:45:00 PM	488700.000	19.070	17.182
42.957	33679.941	39592.027	25.401
26.923	29.691	1.018	
12/13/2016 2:00:00 PM	489600.000	19.071	17.184
42.960	33693.789	39606.512	25.411
26.932	29.679	1.018	
12/13/2016 2:15:00 PM	490500.000	19.068	17.186
42.952	33638.977	39540.363	25.364
26.887	29.727	1.018	
12/13/2016 2:30:00 PM	491400.000	19.068	17.190
42.952	33687.840	39594.535	25.403
26.924	29.684	1.018	
12/13/2016 2:45:00 PM	492300.000	19.065	17.189
42.946	33680.324	39585.848	25.397

26.918	29.691	1.018	
12/13/2016 3:00:00 PM	493200.000	19.068	17.191
42.952	33689.641	39595.012	25.403
26.925	29.683	1.018	
12/13/2016 3:15:00 PM	494100.000	19.070	17.193
42.956	33720.277	39629.844	25.428
26.948	29.656	1.018	
12/13/2016 3:30:00 PM	495000.000	19.067	17.193
42.951	33690.707	39595.090	25.403
26.925	29.682	1.018	
12/13/2016 3:45:00 PM	495900.000	19.070	17.194
42.958	33691.895	39595.711	25.404
26.925	29.681	1.018	
12/13/2016 4:00:00 PM	496800.000	19.068	17.193
42.952	33696.262	39601.543	25.408
26.929	29.677	1.018	
12/13/2016 4:15:00 PM	497700.000	19.070	17.196
42.956	33696.469	39599.219	25.407
26.927	29.677	1.018	
12/13/2016 4:30:00 PM	498600.000	19.068	17.200
42.954	33687.371	39584.547	25.396
26.917	29.685	1.018	
12/13/2016 4:45:00 PM	499500.000	19.070	17.202
42.957	33686.977	39582.449	25.395
26.916	29.685	1.018	
12/13/2016 5:00:00 PM	500400.000	19.067	17.206
42.949	33702.402	39596.594	25.405
26.926	29.671	1.018	
12/13/2016 5:15:00 PM	501300.000	19.064	17.208
42.943	33725.504	39622.570	25.424
26.943	29.651	1.018	
12/13/2016 5:30:00 PM	502200.000	19.065	17.212
42.946	33702.402	39591.918	25.402
26.923	29.671	1.018	
12/13/2016 5:45:00 PM	503100.000	19.064	17.212
42.944	33705.613	39595.148	25.404
26.925	29.669	1.018	
12/13/2016 6:00:00 PM	504000.000	19.065	17.213
42.946	33700.563	39588.516	25.400
26.920	29.673	1.018	
12/13/2016 6:15:00 PM	504900.000	19.067	17.215
42.949	33683.578	39566.777	25.384
26.905	29.688	1.018	
12/13/2016 6:30:00 PM	505800.000	19.068	17.218
42.954	33656.340	39532.438	25.360
26.882	29.712	1.018	
12/13/2016 6:45:00 PM	506700.000	19.067	17.221
42.950	33659.195	39533.074	25.361
26.882	29.710	1.018	
12/13/2016 7:00:00 PM	507600.000	19.067	17.222
42.949	33649.961	39521.055	25.352
26.874	29.718	1.018	
12/13/2016 7:15:00 PM	508500.000	19.067	17.225
42.950	33671.086	39543.305	25.368
26.889	29.699	1.018	

12/13/2016 7:30:00 PM	509400.000	19.064	17.226
42.944	33629.918	39494.332	25.333
26.856	29.735	1.018	
12/13/2016 7:45:00 PM	510300.000	19.064	17.227
42.945	33596.508	39454.012	25.305
26.829	29.765	1.018	
12/13/2016 8:00:00 PM	511200.000	19.072	17.229
42.961	33651.457	39517.063	25.350
26.872	29.716	1.018	
12/13/2016 8:15:00 PM	512100.000	19.068	17.228
42.952	33592.898	39449.156	25.301
26.825	29.768	1.018	
12/13/2016 8:30:00 PM	513000.000	19.067	17.229
42.951	33613.434	39472.102	25.318
26.841	29.750	1.018	
12/13/2016 8:45:00 PM	513900.000	19.062	17.228
42.940	33618.188	39478.773	25.322
26.846	29.746	1.018	
12/13/2016 9:00:00 PM	514800.000	19.068	17.228
42.953	33612.992	39472.672	25.318
26.841	29.750	1.018	
12/13/2016 9:15:00 PM	515700.000	19.068	17.225
42.954	33583.547	39440.344	25.295
26.819	29.776	1.018	
12/13/2016 9:30:00 PM	516600.000	19.066	17.224
42.948	33533.348	39382.465	25.254
26.780	29.821	1.018	
12/13/2016 9:45:00 PM	517500.000	19.064	17.223
42.945	33612.613	39476.035	25.320
26.844	29.751	1.018	
12/13/2016 10:00:00 PM	518400.000	19.063	17.223
42.942	33605.215	39467.883	25.315
26.838	29.757	1.018	
12/13/2016 10:15:00 PM	519300.000	19.067	17.223
42.949	33556.699	39410.902	25.274
26.799	29.800	1.018	
12/13/2016 10:30:00 PM	520200.000	19.065	17.220
42.947	33605.797	39471.523	25.317
26.841	29.757	1.018	
12/13/2016 10:45:00 PM	521100.000	19.065	17.220
42.945	33622.211	39490.566	25.331
26.854	29.742	1.018	
12/13/2016 11:00:00 PM	522000.000	19.069	17.219
42.956	33585.199	39447.488	25.300
26.824	29.775	1.018	
12/13/2016 11:15:00 PM	522900.000	19.065	17.218
42.946	33577.906	39440.465	25.295
26.820	29.781	1.018	
12/13/2016 11:30:00 PM	523800.000	19.066	17.216
42.948	33614.480	39484.441	25.326
26.849	29.749	1.018	
12/13/2016 11:45:00 PM	524700.000	19.067	17.216
42.951	33602.906	39471.156	25.317
26.840	29.759	1.018	
12/14/2016 12:00:00 AM	525600.000	19.065	17.215

42.947	33641.297	39516.949	25.349
26.872	29.725	1.018	
12/14/2016 12:15:00 AM	526500.000	19.065	17.216
42.945	33590.664	39456.855	25.306
26.831	29.770	1.018	
12/14/2016 12:30:00 AM	527400.000	19.062	17.213
42.940	33608.434	39480.598	25.323
26.847	29.754	1.018	
12/14/2016 12:45:00 AM	528300.000	19.060	17.213
42.935	33597.293	39467.434	25.314
26.838	29.764	1.018	
12/14/2016 1:00:00 AM	529200.000	19.065	17.214
42.946	33589.500	39457.664	25.307
26.831	29.771	1.018	
12/14/2016 1:15:00 AM	530100.000	19.062	17.215
42.940	33578.188	39443.438	25.297
26.822	29.781	1.018	
12/14/2016 1:30:00 AM	531000.000	19.062	17.215
42.939	33632.246	39506.551	25.342
26.864	29.733	1.018	
12/14/2016 1:45:00 AM	531900.000	19.058	17.212
42.931	33620.684	39495.844	25.334
26.857	29.744	1.018	
12/14/2016 2:00:00 AM	532800.000	19.062	17.211
42.938	33612.277	39486.426	25.327
26.851	29.751	1.018	
12/14/2016 2:15:00 AM	533700.000	19.063	17.211
42.941	33604.379	39477.004	25.321
26.844	29.758	1.018	
12/14/2016 2:30:00 AM	534600.000	19.064	17.213
42.943	33622.691	39497.270	25.335
26.858	29.742	1.018	
12/14/2016 2:45:00 AM	535500.000	19.062	17.212
42.938	33632.387	39509.371	25.344
26.866	29.733	1.018	
12/14/2016 3:00:00 AM	536400.000	19.062	17.210
42.940	33607.770	39482.383	25.324
26.848	29.755	1.018	
12/14/2016 3:15:00 AM	537300.000	19.062	17.211
42.940	33621.020	39496.785	25.335
26.858	29.743	1.018	
12/14/2016 3:30:00 AM	538200.000	19.061	17.211
42.936	33572.477	39440.379	25.294
26.819	29.786	1.018	
12/14/2016 3:45:00 AM	539100.000	19.060	17.209
42.935	33633.957	39513.688	25.346
26.869	29.732	1.018	
12/14/2016 4:00:00 AM	540000.000	19.064	17.208
42.943	33597.367	39471.719	25.317
26.841	29.764	1.018	
12/14/2016 4:15:00 AM	540900.000	19.065	17.210
42.947	33624.512	39502.363	25.338
26.862	29.740	1.018	
12/14/2016 4:30:00 AM	541800.000	19.063	17.209
42.941	33590.832	39463.422	25.311

26.835	29.770	1.018	
12/14/2016 4:45:00 AM	542700.000	19.063	17.208
42.941	33618.688	39496.691	25.334
26.858	29.745	1.018	
12/14/2016 5:00:00 AM	543600.000	19.060	17.208
42.935	33621.141	39499.570	25.336
26.860	29.743	1.018	
12/14/2016 5:15:00 AM	544500.000	19.060	17.208
42.935	33637.957	39519.168	25.350
26.873	29.728	1.018	
12/14/2016 5:30:00 AM	545400.000	19.060	17.208
42.935	33614.891	39492.773	25.332
26.855	29.749	1.018	
12/14/2016 5:45:00 AM	546300.000	19.060	17.208
42.935	33618.578	39496.480	25.334
26.858	29.745	1.018	
12/14/2016 6:00:00 AM	547200.000	19.060	17.207
42.934	33623.781	39503.527	25.339
26.862	29.741	1.018	
12/14/2016 6:15:00 AM	548100.000	19.057	17.209
42.928	33626.813	39505.996	25.341
26.864	29.738	1.018	
12/14/2016 6:30:00 AM	549000.000	19.061	17.208
42.936	33630.566	39510.566	25.344
26.867	29.735	1.018	
12/14/2016 6:45:00 AM	549900.000	19.061	17.208
42.936	33632.188	39513.094	25.346
26.869	29.733	1.018	
12/14/2016 7:00:00 AM	550800.000	19.060	17.208
42.935	33615.789	39493.441	25.332
26.856	29.748	1.018	
12/14/2016 7:15:00 AM	551700.000	19.060	17.206
42.934	33652.180	39538.133	25.364
26.886	29.716	1.018	
12/14/2016 7:30:00 AM	552600.000	19.060	17.206
42.935	33632.984	39515.508	25.348
26.871	29.733	1.018	
12/14/2016 7:45:00 AM	553500.000	19.060	17.206
42.934	33626.668	39508.008	25.342
26.865	29.738	1.018	
12/14/2016 8:00:00 AM	554400.000	19.060	17.205
42.934	33621.715	39502.805	25.339
26.862	29.743	1.018	
12/14/2016 8:15:00 AM	555300.000	19.059	17.207
42.933	33625.836	39506.484	25.341
26.864	29.739	1.018	
12/14/2016 8:30:00 AM	556200.000	19.061	17.204
42.936	33647.383	39534.602	25.361
26.884	29.720	1.018	
12/14/2016 8:45:00 AM	557100.000	19.060	17.201
42.935	33618.023	39502.133	25.338
26.861	29.746	1.018	
12/14/2016 9:00:00 AM	558000.000	19.057	17.201
42.928	33658.844	39550.477	25.372
26.894	29.710	1.018	

12/14/2016 9:15:00 AM	558900.000	19.060	17.198
42.935	33672.344	39569.227	25.385
26.907	29.698	1.018	
12/14/2016 9:30:00 AM	559800.000	19.058	17.196
42.929	33626.355	39516.660	25.348
26.871	29.739	1.018	
12/14/2016 9:45:00 AM	560700.000	19.060	17.193
42.935	33645.895	39541.961	25.366
26.889	29.721	1.018	
12/14/2016 10:00:00 AM	561600.000	19.060	17.192
42.935	33636.023	39531.371	25.358
26.881	29.730	1.018	
12/14/2016 10:15:00 AM	562500.000	19.060	17.188
42.934	33651.215	39553.195	25.373
26.896	29.717	1.018	
12/14/2016 10:30:00 AM	563400.000	19.058	17.185
42.931	33640.277	39542.832	25.366
26.889	29.726	1.018	
12/14/2016 10:45:00 AM	564300.000	19.057	17.183
42.928	33666.930	39575.949	25.389
26.912	29.703	1.018	
12/14/2016 11:00:00 AM	565200.000	19.059	17.182
42.932	33696.453	39611.668	25.415
26.936	29.677	1.018	
12/14/2016 11:15:00 AM	566100.000	19.060	17.179
42.935	33667.328	39579.688	25.392
26.914	29.702	1.018	
12/14/2016 11:30:00 AM	567000.000	19.060	17.175
42.935	33669.465	39585.719	25.396
26.918	29.701	1.018	
12/14/2016 11:45:00 AM	567900.000	19.060	17.172
42.935	33600.371	39507.430	25.340
26.865	29.762	1.018	
12/14/2016 12:00:00 PM	568800.000	19.056	17.174
42.925	33657.434	39572.434	25.387
26.909	29.711	1.018	
12/14/2016 12:15:00 PM	569700.000	19.060	17.174
42.935	33718.039	39643.688	25.437
26.958	29.658	1.018	
12/14/2016 12:30:00 PM	570600.000	19.058	17.170
42.929	33652.063	39569.617	25.384
26.907	29.716	1.018	
12/14/2016 12:45:00 PM	571500.000	19.057	17.170
42.928	33683.094	39606.492	25.411
26.932	29.688	1.018	
12/14/2016 1:00:00 PM	572400.000	19.058	17.172
42.930	33682.238	39603.383	25.408
26.930	29.689	1.018	
12/14/2016 1:15:00 PM	573300.000	19.057	17.173
42.928	33672.320	39590.859	25.400
26.922	29.698	1.018	
12/14/2016 1:30:00 PM	574200.000	19.059	17.176
42.932	33686.684	39605.566	25.410
26.932	29.685	1.018	
12/14/2016 1:45:00 PM	575100.000	19.057	17.176

42.928	33682.781	39600.516	25.407
26.928	29.689	1.018	
12/14/2016 2:00:00 PM	576000.000	19.060	17.178
42.935	33717.523	39639.328	25.434
26.955	29.658	1.018	
12/14/2016 2:15:00 PM	576900.000	19.058	17.181
42.929	33718.242	39638.066	25.433
26.954	29.658	1.018	
12/14/2016 2:30:00 PM	577800.000	19.057	17.184
42.928	33665.285	39572.770	25.387
26.909	29.704	1.018	
12/14/2016 2:45:00 PM	578700.000	19.056	17.186
42.925	33686.918	39596.645	25.404
26.926	29.685	1.018	
12/14/2016 3:00:00 PM	579600.000	19.058	17.188
42.930	33668.578	39572.977	25.388
26.910	29.701	1.018	
12/14/2016 3:15:00 PM	580500.000	19.056	17.191
42.925	33703.148	39611.195	25.415
26.936	29.671	1.018	
12/14/2016 3:30:00 PM	581400.000	19.056	17.191
42.925	33723.840	39635.750	25.432
26.952	29.653	1.018	
12/14/2016 3:45:00 PM	582300.000	19.061	17.191
42.936	33701.102	39608.859	25.413
26.934	29.673	1.018	
12/14/2016 4:00:00 PM	583200.000	19.061	17.192
42.936	33703.953	39611.039	25.415
26.936	29.670	1.018	
12/14/2016 4:15:00 PM	584100.000	19.056	17.192
42.926	33706.141	39613.465	25.416
26.937	29.668	1.018	
12/14/2016 4:30:00 PM	585000.000	19.054	17.192
42.922	33721.629	39632.301	25.430
26.950	29.655	1.018	
12/14/2016 4:45:00 PM	585900.000	19.060	17.195
42.934	33732.598	39642.605	25.437
26.957	29.645	1.018	
12/14/2016 5:00:00 PM	586800.000	19.055	17.197
42.924	33710.609	39614.578	25.417
26.938	29.664	1.018	
12/14/2016 5:15:00 PM	587700.000	19.054	17.201
42.920	33719.848	39622.391	25.423
26.943	29.656	1.018	
12/14/2016 5:30:00 PM	588600.000	19.054	17.204
42.921	33722.203	39621.887	25.423
26.943	29.654	1.018	
12/14/2016 5:45:00 PM	589500.000	19.057	17.208
42.928	33698.777	39590.703	25.401
26.922	29.675	1.018	
12/14/2016 6:00:00 PM	590400.000	19.056	17.211
42.925	33668.938	39553.613	25.375
26.896	29.701	1.018	
12/14/2016 6:15:00 PM	591300.000	19.053	17.214
42.919	33712.566	39601.520	25.409

26.929	29.663	1.018	
12/14/2016 6:30:00 PM	592200.000	19.057	17.215
42.928	33693.184	39578.133	25.392
26.913	29.680	1.018	
12/14/2016 6:45:00 PM	593100.000	19.057	17.217
42.928	33711.184	39597.949	25.407
26.927	29.664	1.018	
12/14/2016 7:00:00 PM	594000.000	19.058	17.219
42.930	33669.188	39546.516	25.370
26.892	29.701	1.018	
12/14/2016 7:15:00 PM	594900.000	19.056	17.222
42.925	33683.316	39560.164	25.380
26.901	29.688	1.018	
12/14/2016 7:30:00 PM	595800.000	19.054	17.225
42.921	33653.281	39522.164	25.353
26.875	29.715	1.018	
12/14/2016 7:45:00 PM	596700.000	19.058	17.226
42.930	33642.832	39508.875	25.344
26.866	29.724	1.018	
12/14/2016 8:00:00 PM	597600.000	19.054	17.229
42.922	33650.305	39515.172	25.348
26.870	29.717	1.018	
12/14/2016 8:15:00 PM	598500.000	19.056	17.229
42.925	33636.078	39498.387	25.336
26.859	29.730	1.018	
12/14/2016 8:30:00 PM	599400.000	19.057	17.231
42.928	33635.059	39495.871	25.335
26.857	29.731	1.018	
12/14/2016 8:45:00 PM	600300.000	19.055	17.232
42.924	33633.715	39493.195	25.333
26.855	29.732	1.018	
12/14/2016 9:00:00 PM	601200.000	19.056	17.232
42.925	33593.305	39445.523	25.299
26.823	29.768	1.018	
12/14/2016 9:15:00 PM	602100.000	19.054	17.232
42.920	33622.422	39479.938	25.324
26.846	29.742	1.018	
12/14/2016 9:30:00 PM	603000.000	19.053	17.232
42.919	33634.281	39494.336	25.334
26.856	29.732	1.018	
12/14/2016 9:45:00 PM	603900.000	19.056	17.231
42.926	33605.227	39460.609	25.310
26.833	29.757	1.018	
12/14/2016 10:00:00 PM	604800.000	19.056	17.232
42.925	33605.859	39460.887	25.310
26.833	29.757	1.018	
12/14/2016 10:15:00 PM	605700.000	19.054	17.233
42.920	33591.313	39442.945	25.297
26.821	29.770	1.018	
12/14/2016 10:30:00 PM	606600.000	19.056	17.232
42.925	33629.391	39488.594	25.330
26.852	29.736	1.018	
12/14/2016 10:45:00 PM	607500.000	19.056	17.230
42.925	33587.672	39441.320	25.296
26.820	29.773	1.018	

12/14/2016 11:00:00 PM	608400.000	19.055	17.230
42.923	33604.930	39461.496	25.310
26.834	29.758	1.018	
12/14/2016 11:15:00 PM	609300.000	19.053	17.227
42.919	33573.996	39427.492	25.286
26.811	29.785	1.018	
12/14/2016 11:30:00 PM	610200.000	19.055	17.228
42.923	33595.551	39451.875	25.303
26.827	29.766	1.018	
12/14/2016 11:45:00 PM	611100.000	19.049	17.226
42.910	33604.039	39463.711	25.312
26.835	29.758	1.018	

Report Date: 12/19/2016 10:29:06 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4D Pre Test_2016-12-15_16-15-33-620.wsl
Create Date: 12/15/2016 4:15:14 PM

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

Log Configuration
Log Name: MPWSP MW-4D Pre Test
Created By: ELinden
Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1
Create Date: 8/11/2016 4:54:12 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 8/11/2016 5:00:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

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

Other Log Settings
Depth of Probe: 264.121 (ft)
Head Pressure: 117.252 (PSI)
Temperature: 20.3603 (C)

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

TDS Factor: 0.68

Log Notes:

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

Log Data:
Record Count: 745
Sensors: 1

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

		Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft	Sensor: PCTD(G) 692ft
	Elapsed Time	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
12/8/2016 12:00:00 AM	7200.000	120.255	20.351	270.886	37803.797	41487.777	26.881	28.212	26.452	1.018
12/8/2016 12:15:00 AM	8100.000	120.274	20.354	270.929	37829.020	41512.414	26.899	28.228	26.435	1.019
12/8/2016 12:30:00 AM	9000.000	120.274	20.351	270.930	37776.695	41458.121	26.860	28.192	26.471	1.018
12/8/2016 12:45:00 AM	9900.000	120.301	20.350	270.991	37778.418	41460.625	26.862	28.193	26.470	1.018
12/8/2016 1:00:00 AM	10800.000	120.275	20.349	270.932	37795.938	41481.137	26.876	28.207	26.458	1.018
12/8/2016 1:15:00 AM	11700.000	120.309	20.351	271.007	37798.258	41481.785	26.877	28.208	26.456	1.018
12/8/2016 1:30:00 AM	12600.000	120.312	20.350	271.013	37784.629	41467.664	26.867	28.198	26.466	1.018
12/8/2016 1:45:00 AM	13500.000	120.322	20.350	271.038	37797.848	41481.707	26.877	28.208	26.457	1.018
12/8/2016 2:00:00 AM	14400.000	120.336	20.349	271.069	37812.984	41499.918	26.890	28.220	26.446	1.019
12/8/2016 2:15:00 AM	15300.000	120.361	20.344	271.125	37770.742	41457.211	26.859	28.191	26.476	1.018
12/8/2016 2:30:00 AM	16200.000	120.381	20.346	271.170	37791.465	41478.582	26.874	28.205	26.461	1.018
12/8/2016 2:45:00 AM	17100.000	120.387	20.346	271.183	37785.297	41471.590	26.869	28.201	26.465	1.018
12/8/2016 3:00:00 AM	18000.000	120.425	20.347	271.270	37806.328	41493.988	26.886			

28.216	26.451	1.018	
12/8/2016 3:15:00 AM	18900.000	120.445	20.349
271.313	37783.348	41467.172	26.866
28.198	26.467	1.018	
12/8/2016 3:30:00 AM	19800.000	120.473	20.350
271.377	37792.031	41475.941	26.873
28.204	26.461	1.018	
12/8/2016 3:45:00 AM	20700.000	120.484	20.348
271.401	37789.305	41474.316	26.871
28.203	26.463	1.018	
12/8/2016 4:00:00 AM	21600.000	120.498	20.347
271.435	37813.910	41502.609	26.892
28.222	26.445	1.019	
12/8/2016 4:15:00 AM	22500.000	120.524	20.344
271.492	37782.883	41470.457	26.869
28.200	26.467	1.018	
12/8/2016 4:30:00 AM	23400.000	120.547	20.345
271.543	37777.445	41463.734	26.864
28.195	26.471	1.018	
12/8/2016 4:45:00 AM	24300.000	120.568	20.347
271.591	37795.133	41481.848	26.877
28.208	26.458	1.018	
12/8/2016 5:00:00 AM	25200.000	120.590	20.348
271.641	37791.867	41476.980	26.873
28.204	26.461	1.018	
12/8/2016 5:15:00 AM	26100.000	120.617	20.344
271.703	37795.887	41485.191	26.879
28.210	26.458	1.018	
12/8/2016 5:30:00 AM	27000.000	120.618	20.341
271.703	37809.055	41501.852	26.891
28.221	26.449	1.019	
12/8/2016 5:45:00 AM	27900.000	120.619	20.343
271.707	37756.980	41443.328	26.849
28.181	26.485	1.018	
12/8/2016 6:00:00 AM	28800.000	120.641	20.342
271.756	37800.945	41492.500	26.884
28.215	26.454	1.018	
12/8/2016 6:15:00 AM	29700.000	120.640	20.347
271.754	37824.059	41513.223	26.899
28.229	26.438	1.019	
12/8/2016 6:30:00 AM	30600.000	120.638	20.344
271.748	37795.035	41484.492	26.879
28.209	26.459	1.018	
12/8/2016 6:45:00 AM	31500.000	120.648	20.336
271.771	37783.785	41478.680	26.874
28.206	26.466	1.018	
12/8/2016 7:00:00 AM	32400.000	120.660	20.338
271.799	37784.082	41477.105	26.873
28.204	26.466	1.018	
12/8/2016 7:15:00 AM	33300.000	120.647	20.338
271.768	37798.934	41494.016	26.885
28.216	26.456	1.019	
12/8/2016 7:30:00 AM	34200.000	120.639	20.340
271.751	37791.215	41483.563	26.878
28.209	26.461	1.018	

12/8/2016 7:45:00 AM	35100.000	120.644	20.341
271.763	37796.371	41488.547	26.881
28.212	26.458	1.018	
12/8/2016 8:00:00 AM	36000.000	120.632	20.345
271.736	37814.113	41503.980	26.893
28.223	26.445	1.019	
12/8/2016 8:15:00 AM	36900.000	120.626	20.348
271.723	37785.973	41470.586	26.869
28.200	26.465	1.018	
12/8/2016 8:30:00 AM	37800.000	120.601	20.352
271.665	37790.039	41472.004	26.870
28.201	26.462	1.018	
12/8/2016 8:45:00 AM	38700.000	120.601	20.354
271.665	37812.184	41494.402	26.886
28.216	26.447	1.018	
12/8/2016 9:00:00 AM	39600.000	120.590	20.349
271.641	37782.430	41466.086	26.866
28.197	26.467	1.018	
12/8/2016 9:15:00 AM	40500.000	120.574	20.352
271.606	37810.910	41494.598	26.886
28.216	26.447	1.018	
12/8/2016 9:30:00 AM	41400.000	120.578	20.351
271.614	37800.051	41483.523	26.878
28.209	26.455	1.018	
12/8/2016 9:45:00 AM	42300.000	120.558	20.345
271.569	37793.957	41482.234	26.877
28.208	26.459	1.018	
12/8/2016 10:00:00 AM	43200.000	120.534	20.344
271.514	37776.957	41464.105	26.864
28.196	26.471	1.018	
12/8/2016 10:15:00 AM	44100.000	120.547	20.354
271.543	37775.520	41454.465	26.857
28.189	26.472	1.018	
12/8/2016 10:30:00 AM	45000.000	120.517	20.355
271.476	37810.230	41490.887	26.884
28.214	26.448	1.018	
12/8/2016 10:45:00 AM	45900.000	120.492	20.353
271.421	37813.277	41496.133	26.887
28.217	26.446	1.018	
12/8/2016 11:00:00 AM	46800.000	120.487	20.351
271.408	37819.977	41505.535	26.894
28.224	26.441	1.019	
12/8/2016 11:15:00 AM	47700.000	120.470	20.350
271.370	37831.934	41519.500	26.904
28.233	26.433	1.019	
12/8/2016 11:30:00 AM	48600.000	120.456	20.351
271.340	37792.227	41475.465	26.872
28.203	26.460	1.018	
12/8/2016 11:45:00 AM	49500.000	120.437	20.349
271.296	37801.590	41487.195	26.881
28.211	26.454	1.018	
12/8/2016 12:00:00 PM	50400.000	120.438	20.349
271.299	37786.641	41470.637	26.869
28.200	26.464	1.018	
12/8/2016 12:15:00 PM	51300.000	120.441	20.348

271.306	37783.363	41468.180	26.867
28.198	26.467	1.018	
12/8/2016 12:30:00 PM	52200.000	120.435	20.345
271.293	37794.988	41483.285	26.878
28.209	26.459	1.018	
12/8/2016 12:45:00 PM	53100.000	120.429	20.349
271.279	37780.391	41463.848	26.864
28.195	26.469	1.018	
12/8/2016 1:00:00 PM	54000.000	120.416	20.349
271.248	37801.727	41487.563	26.881
28.212	26.454	1.018	
12/8/2016 1:15:00 PM	54900.000	120.420	20.348
271.259	37781.656	41466.379	26.866
28.197	26.468	1.018	
12/8/2016 1:30:00 PM	55800.000	120.425	20.349
271.268	37768.469	41450.387	26.854
28.186	26.477	1.018	
12/8/2016 1:45:00 PM	56700.000	120.420	20.349
271.258	37796.027	41480.781	26.876
28.207	26.458	1.018	
12/8/2016 2:00:00 PM	57600.000	120.428	20.350
271.276	37772.336	41453.949	26.857
28.189	26.474	1.018	
12/8/2016 2:15:00 PM	58500.000	120.438	20.349
271.299	37774.023	41457.234	26.859
28.191	26.473	1.018	
12/8/2016 2:30:00 PM	59400.000	120.435	20.350
271.293	37801.199	41485.922	26.880
28.210	26.454	1.018	
12/8/2016 2:45:00 PM	60300.000	120.441	20.351
271.306	37779.688	41461.176	26.862
28.194	26.469	1.018	
12/8/2016 3:00:00 PM	61200.000	120.453	20.350
271.333	37822.449	41508.867	26.896
28.226	26.439	1.019	
12/8/2016 3:15:00 PM	62100.000	120.468	20.348
271.367	37778.027	41462.242	26.863
28.194	26.470	1.018	
12/8/2016 3:30:00 PM	63000.000	120.478	20.347
271.387	37780.594	41465.816	26.865
28.197	26.469	1.018	
12/8/2016 3:45:00 PM	63900.000	120.485	20.349
271.403	37791.664	41476.148	26.873
28.204	26.461	1.018	
12/8/2016 4:00:00 PM	64800.000	120.495	20.347
271.427	37772.473	41456.758	26.859
28.191	26.474	1.018	
12/8/2016 4:15:00 PM	65700.000	120.500	20.350
271.438	37786.566	41469.863	26.868
28.200	26.464	1.018	
12/8/2016 4:30:00 PM	66600.000	120.524	20.350
271.492	37806.098	41491.074	26.884
28.214	26.451	1.018	
12/8/2016 4:45:00 PM	67500.000	120.537	20.347
271.521	37812.707	41500.762	26.890

28.221	26.446	1.019	
12/8/2016 5:00:00 PM	68400.000	120.547	20.346
271.543	37784.191	41470.680	26.869
28.200	26.466	1.018	
12/8/2016 5:15:00 PM	69300.000	120.556	20.349
271.565	37800.160	41485.473	26.880
28.210	26.455	1.018	
12/8/2016 5:30:00 PM	70200.000	120.561	20.353
271.576	37804.156	41486.270	26.880
28.211	26.452	1.018	
12/8/2016 5:45:00 PM	71100.000	120.565	20.353
271.584	37804.688	41486.855	26.881
28.211	26.452	1.018	
12/8/2016 6:00:00 PM	72000.000	120.566	20.355
271.586	37817.746	41499.668	26.890
28.220	26.443	1.019	
12/8/2016 6:15:00 PM	72900.000	120.578	20.353
271.614	37799.660	41481.719	26.877
28.208	26.455	1.018	
12/8/2016 6:30:00 PM	73800.000	120.598	20.354
271.659	37827.090	41510.832	26.898
28.227	26.436	1.019	
12/8/2016 6:45:00 PM	74700.000	120.588	20.348
271.637	37830.293	41519.375	26.904
28.233	26.434	1.019	
12/8/2016 7:00:00 PM	75600.000	120.568	20.347
271.591	37793.734	41480.313	26.876
28.207	26.459	1.018	
12/8/2016 7:15:00 PM	76500.000	120.565	20.343
271.584	37785.316	41474.652	26.872
28.203	26.465	1.018	
12/8/2016 7:30:00 PM	77400.000	120.569	20.346
271.594	37834.426	41525.816	26.908
28.238	26.431	1.019	
12/8/2016 7:45:00 PM	78300.000	120.588	20.347
271.637	37826.707	41516.355	26.902
28.231	26.436	1.019	
12/8/2016 8:00:00 PM	79200.000	120.557	20.346
271.567	37805.496	41493.984	26.886
28.216	26.451	1.018	
12/8/2016 8:15:00 PM	80100.000	120.544	20.347
271.537	37828.676	41518.590	26.903
28.233	26.435	1.019	
12/8/2016 8:30:00 PM	81000.000	120.534	20.346
271.514	37771.340	41456.422	26.859
28.190	26.475	1.018	
12/8/2016 8:45:00 PM	81900.000	120.518	20.349
271.479	37798.555	41483.863	26.878
28.209	26.456	1.018	
12/8/2016 9:00:00 PM	82800.000	120.498	20.350
271.433	37717.824	41394.125	26.814
28.148	26.513	1.018	
12/8/2016 9:15:00 PM	83700.000	120.491	20.353
271.418	37789.398	41470.531	26.869
28.200	26.462	1.018	

12/8/2016 9:30:00 PM	84600.000	120.471	20.354
271.372	37793.441	41474.059	26.871
28.202	26.460	1.018	
12/8/2016 9:45:00 PM	85500.000	120.462	20.355
271.352	37799.145	41479.027	26.875
28.206	26.456	1.018	
12/8/2016 10:00:00 PM	86400.000	120.467	20.355
271.364	37791.805	41471.117	26.869
28.200	26.461	1.018	
12/8/2016 10:15:00 PM	87300.000	120.440	20.354
271.303	37817.684	41500.664	26.891
28.220	26.443	1.019	
12/8/2016 10:30:00 PM	88200.000	120.429	20.353
271.278	37807.633	41490.543	26.883
28.214	26.450	1.018	
12/8/2016 10:45:00 PM	89100.000	120.393	20.353
271.197	37783.652	41463.695	26.864
28.195	26.466	1.018	
12/8/2016 11:00:00 PM	90000.000	120.412	20.353
271.239	37801.176	41482.926	26.878
28.208	26.454	1.018	
12/8/2016 11:15:00 PM	90900.000	120.380	20.352
271.168	37833.617	41519.828	26.904
28.233	26.432	1.019	
12/8/2016 11:30:00 PM	91800.000	120.370	20.353
271.146	37799.566	41481.234	26.877
28.207	26.455	1.018	
12/8/2016 11:45:00 PM	92700.000	120.356	20.356
271.113	37803.129	41482.488	26.878
28.208	26.453	1.018	
12/9/2016 12:00:00 AM	93600.000	120.346	20.355
271.092	37794.230	41473.410	26.871
28.202	26.459	1.018	
12/9/2016 12:15:00 AM	94500.000	120.348	20.355
271.097	37775.797	41453.789	26.857
28.189	26.472	1.018	
12/9/2016 12:30:00 AM	95400.000	120.354	20.356
271.110	37802.863	41482.574	26.878
28.208	26.453	1.018	
12/9/2016 12:45:00 AM	96300.000	120.358	20.351
271.119	37834.316	41521.055	26.905
28.234	26.431	1.019	
12/9/2016 1:00:00 AM	97200.000	120.354	20.349
271.108	37804.852	41490.695	26.883
28.214	26.452	1.018	
12/9/2016 1:15:00 AM	98100.000	120.360	20.352
271.122	37803.590	41486.801	26.881
28.211	26.453	1.018	
12/9/2016 1:30:00 AM	99000.000	120.402	20.349
271.217	37786.109	41469.820	26.868
28.199	26.465	1.018	
12/9/2016 1:45:00 AM	99900.000	120.408	20.352
271.231	37792.305	41474.492	26.872
28.203	26.460	1.018	
12/9/2016 2:00:00 AM	100800.000	120.405	20.351

271.225	37794.238	41477.145	26.874
28.204	26.459	1.018	
12/9/2016 2:15:00 AM	101700.000	120.417	20.350
271.251	37808.109	41493.047	26.885
28.215	26.449	1.018	
12/9/2016 2:30:00 AM	102600.000	120.461	20.348
271.350	37784.262	41468.633	26.867
28.199	26.466	1.018	
12/9/2016 2:45:00 AM	103500.000	120.452	20.347
271.329	37796.563	41483.043	26.878
28.208	26.457	1.018	
12/9/2016 3:00:00 AM	104400.000	120.478	20.348
271.387	37819.680	41507.652	26.895
28.225	26.441	1.019	
12/9/2016 3:15:00 AM	105300.000	120.489	20.348
271.412	37785.105	41469.633	26.868
28.199	26.465	1.018	
12/9/2016 3:30:00 AM	106200.000	120.514	20.349
271.469	37787.949	41472.223	26.870
28.201	26.463	1.018	
12/9/2016 3:45:00 AM	107100.000	120.541	20.351
271.529	37808.418	41493.164	26.885
28.215	26.449	1.018	
12/9/2016 4:00:00 AM	108000.000	120.556	20.349
271.563	37818.551	41505.270	26.894
28.224	26.442	1.019	
12/9/2016 4:15:00 AM	108900.000	120.579	20.346
271.616	37813.879	41502.809	26.892
28.222	26.445	1.019	
12/9/2016 4:30:00 AM	109800.000	120.613	20.347
271.692	37784.887	41470.383	26.869
28.200	26.466	1.018	
12/9/2016 4:45:00 AM	110700.000	120.639	20.347
271.751	37781.504	41466.816	26.866
28.197	26.468	1.018	
12/9/2016 5:00:00 AM	111600.000	120.660	20.345
271.799	37806.914	41496.230	26.887
28.217	26.450	1.019	
12/9/2016 5:15:00 AM	112500.000	120.682	20.342
271.849	37798.453	41489.449	26.882
28.213	26.456	1.018	
12/9/2016 5:30:00 AM	113400.000	120.707	20.347
271.905	37809.824	41497.750	26.888
28.218	26.448	1.019	
12/9/2016 5:45:00 AM	114300.000	120.723	20.350
271.941	37774.895	41457.289	26.859
28.191	26.473	1.018	
12/9/2016 6:00:00 AM	115200.000	120.737	20.348
271.972	37815.328	41503.023	26.892
28.222	26.444	1.019	
12/9/2016 6:15:00 AM	116100.000	120.748	20.343
271.997	37789.570	41478.871	26.875
28.206	26.462	1.018	
12/9/2016 6:30:00 AM	117000.000	120.765	20.339
272.035	37800.418	41494.344	26.886

28.216	26.455	1.019	
12/9/2016 6:45:00 AM	117900.000	120.765	20.343
272.035	37810.195	41501.352	26.891
28.221	26.448	1.019	
12/9/2016 7:00:00 AM	118800.000	120.778	20.344
272.063	37788.898	41477.520	26.874
28.205	26.463	1.018	
12/9/2016 7:15:00 AM	119700.000	120.775	20.346
272.058	37814.906	41504.086	26.893
28.223	26.445	1.019	
12/9/2016 7:30:00 AM	120600.000	120.784	20.348
272.078	37800.617	41486.586	26.880
28.211	26.455	1.018	
12/9/2016 7:45:00 AM	121500.000	120.779	20.350
272.066	37806.281	41491.734	26.884
28.214	26.451	1.018	
12/9/2016 8:00:00 AM	122400.000	120.780	20.350
272.069	37809.801	41495.363	26.887
28.217	26.448	1.018	
12/9/2016 8:15:00 AM	123300.000	120.812	20.346
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28.210	26.456	1.018	
12/9/2016 8:30:00 AM	124200.000	120.775	20.340
272.058	37789.250	41481.336	26.876
28.207	26.463	1.018	
12/9/2016 8:45:00 AM	125100.000	120.772	20.343
272.051	37802.926	41493.832	26.885
28.216	26.453	1.018	
12/9/2016 9:00:00 AM	126000.000	120.749	20.343
272.000	37807.879	41498.883	26.889
28.219	26.450	1.019	
12/9/2016 9:15:00 AM	126900.000	120.741	20.344
271.980	37795.805	41484.793	26.879
28.210	26.458	1.018	
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271.923	37786.340	41472.887	26.870
28.202	26.465	1.018	
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28.225	26.441	1.019	
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28.218	26.448	1.018	
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28.203	26.460	1.018	
12/9/2016 10:30:00 AM	131400.000	120.643	20.355
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28.197	26.463	1.018	
12/9/2016 10:45:00 AM	132300.000	120.630	20.358
271.730	37817.309	41496.516	26.888
28.218	26.443	1.018	
12/9/2016 11:00:00 AM	133200.000	120.609	20.356
271.682	37823.727	41505.324	26.894
28.224	26.438	1.019	

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12/9/2016 11:30:00 AM 135000.000 120.592 20.351
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28.211 26.453 1.018
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271.403 37801.730 41484.523 26.879
28.209 26.454 1.018
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271.448 37769.336 41447.840 26.853
28.185 26.477 1.018
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28.213	26.455	1.018	
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272.031	37797.262	41483.508	26.878
28.209	26.457	1.018	
12/10/2016 8:15:00 PM	252900.000	120.770	20.343
272.047	37804.867	41495.578	26.887
28.217	26.452	1.019	
12/10/2016 8:30:00 PM	253800.000	120.778	20.347
272.063	37798.383	41485.043	26.879
28.210	26.456	1.018	
12/10/2016 8:45:00 PM	254700.000	120.788	20.350
272.087	37804.438	41489.020	26.882
28.213	26.452	1.018	
12/10/2016 9:00:00 PM	255600.000	120.789	20.350
272.089	37827.703	41514.859	26.901
28.230	26.436	1.019	
12/10/2016 9:15:00 PM	256500.000	120.800	20.349
272.114	37828.395	41516.301	26.902
28.231	26.435	1.019	
12/10/2016 9:30:00 PM	257400.000	120.818	20.350
272.155	37801.180	41485.750	26.880
28.210	26.454	1.018	
12/10/2016 9:45:00 PM	258300.000	120.826	20.346
272.171	37802.355	41490.238	26.883
28.213	26.453	1.018	
12/10/2016 10:00:00 PM	259200.000	120.780	20.342
272.069	37800.367	41491.633	26.884
28.214	26.455	1.018	
12/10/2016 10:15:00 PM	260100.000	120.768	20.344
272.041	37783.672	41471.711	26.869
28.201	26.466	1.018	
12/10/2016 10:30:00 PM	261000.000	120.772	20.345
272.051	37778.012	41464.578	26.864
28.196	26.470	1.018	
12/10/2016 10:45:00 PM	261900.000	120.759	20.349
272.021	37799.691	41484.801	26.879
28.210	26.455	1.018	
12/10/2016 11:00:00 PM	262800.000	120.749	20.349
272.000	37788.867	41473.305	26.871
28.202	26.463	1.018	
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271.954	37779.215	41464.609	26.864
28.196	26.470	1.018	
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271.946	37681.160	41354.945	26.786
28.121	26.538	1.018	
12/10/2016 11:45:00 PM	265500.000	120.722	20.350
271.939	37801.410	41485.930	26.880

28.210	26.454	1.018	
12/11/2016 12:00:00 AM	266400.000	120.699	20.354
271.886	37806.125	41487.824	26.881
28.212	26.451	1.018	
12/11/2016 12:15:00 AM	267300.000	120.695	20.350
271.878	37786.902	41470.160	26.869
28.200	26.464	1.018	
12/11/2016 12:30:00 AM	268200.000	120.683	20.349
271.850	37783.316	41466.602	26.866
28.197	26.467	1.018	
12/11/2016 12:45:00 AM	269100.000	120.686	20.353
271.857	37804.066	41486.555	26.880
28.211	26.452	1.018	
12/11/2016 1:00:00 AM	270000.000	120.677	20.353
271.836	37824.984	41509.664	26.897
28.227	26.438	1.019	
12/11/2016 1:15:00 AM	270900.000	120.672	20.352
271.825	37774.332	41454.766	26.858
28.189	26.473	1.018	
12/11/2016 1:30:00 AM	271800.000	120.652	20.350
271.780	37821.980	41508.191	26.896
28.226	26.440	1.019	
12/11/2016 1:45:00 AM	272700.000	120.676	20.349
271.835	37807.605	41494.090	26.886
28.216	26.450	1.018	
12/11/2016 2:00:00 AM	273600.000	120.669	20.351
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28.213	26.451	1.018	
12/11/2016 2:15:00 AM	274500.000	120.652	20.351
271.780	37804.004	41487.707	26.881
28.212	26.452	1.018	
12/11/2016 2:30:00 AM	275400.000	120.679	20.352
271.841	37789.227	41471.188	26.869
28.200	26.463	1.018	
12/11/2016 2:45:00 AM	276300.000	120.652	20.348
271.780	37834.516	41524.082	26.907
28.236	26.431	1.019	
12/11/2016 3:00:00 AM	277200.000	120.658	20.346
271.793	37781.570	41468.031	26.867
28.198	26.468	1.018	
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271.835	37790.566	41478.816	26.875
28.206	26.462	1.018	
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271.886	37794.188	41480.203	26.876
28.207	26.459	1.018	
12/11/2016 3:45:00 AM	279900.000	120.711	20.345
271.913	37813.055	41503.199	26.892
28.222	26.446	1.019	
12/11/2016 4:00:00 AM	280800.000	120.733	20.347
271.962	37809.465	41497.730	26.888
28.218	26.448	1.019	
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271.994	37787.086	41472.105	26.870
28.201	26.464	1.018	

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28.227 26.439 1.019
12/11/2016 4:45:00 AM 283500.000 120.827 20.347
272.175 37766.785 41450.363 26.854
28.186 26.478 1.018
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272.183 37804.742 41492.395 26.884
28.215 26.452 1.018
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272.226 37794.781 41481.090 26.876
28.207 26.459 1.018
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272.347 37825.059 41518.199 26.903
28.232 26.438 1.019
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28.181 26.485 1.018
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28.225 26.443 1.019
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272.456 37788.203 41476.297 26.873
28.204 26.463 1.018
12/11/2016 6:30:00 AM 289800.000 120.988 20.340
272.536 37810.090 41504.504 26.893
28.223 26.448 1.019
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28.204 26.463 1.018
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28.229 26.439 1.019
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272.673 37794.375 41483.000 26.878
28.208 26.459 1.018
12/11/2016 7:30:00 AM 293400.000 121.069 20.341
272.719 37803.758 41496.195 26.887
28.217 26.452 1.019
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272.732 37788.969 41481.172 26.876
28.207 26.463 1.018
12/11/2016 8:00:00 AM 295200.000 121.086 20.340
272.757 37802.211 41495.328 26.886
28.217 26.453 1.019
12/11/2016 8:15:00 AM 296100.000 121.097 20.338
272.783 37748.770 41438.570 26.845
28.178 26.491 1.018
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28.235 26.437 1.019
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272.811 37806.996 41498.828 26.889
28.219 26.450 1.019
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272.750	37782.293	41473.617	26.871
28.202	26.467	1.018	
12/11/2016 9:45:00 AM	301500.000	121.088	20.344
272.762	37810.457	41501.340	26.891
28.221	26.448	1.019	
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272.761	37762.082	41450.367	26.854
28.186	26.482	1.018	
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272.681	37690.270	41367.516	26.795
28.130	26.532	1.018	
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272.648	37815.469	41509.512	26.897
28.226	26.444	1.019	
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272.590	37775.191	41464.305	26.864
28.196	26.472	1.018	
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28.205	26.462	1.018	
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272.477	37789.465	41476.234	26.873
28.204	26.462	1.018	
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272.445	37786.359	41470.023	26.868
28.200	26.465	1.018	
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272.330	37679.586	41350.172	26.782
28.118	26.540	1.018	
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272.262	37806.605	41489.801	26.883
28.213	26.450	1.018	
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272.173	37791.570	41475.660	26.872
28.203	26.461	1.018	
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272.116	37817.219	41504.348	26.893
28.223	26.443	1.019	
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272.069	37773.891	41457.398	26.859
28.191	26.473	1.018	
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271.984	37833.887	41518.363	26.903
28.232	26.431	1.019	
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271.814	37808.746	41493.297	26.885
28.215	26.449	1.018	
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271.672	37795.203	41469.754	26.869
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271.578	37816.273	41491.426	26.884
28.214	26.444	1.018	
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271.639	37813.336	41486.609	26.881
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271.519	37812.613	41487.496	26.881
28.212	26.446	1.018	
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271.570	37801.965	41472.387	26.871
28.201	26.454	1.018	
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271.533	37803.270	41478.305	26.875
28.205	26.453	1.018	
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271.489	37784.500	41459.148	26.861
28.192	26.466	1.018	
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271.445	37784.816	41459.344	26.861
28.192	26.466	1.018	
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28.199	26.460	1.018	
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271.524	37813.797	41495.867	26.887
28.217	26.445	1.018	
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271.567	37840.090	41519.773	26.905
28.233	26.427	1.019	
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271.597	37825.293	41506.047	26.895
28.224	26.437	1.019	
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271.560	37805.699	41483.102	26.878
28.209	26.451	1.018	
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271.664	37800.922	41479.301	26.875
28.206	26.454	1.018	
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271.634	37812.000	41491.766	26.884
28.214	26.447	1.018	

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271.698	37832.422	41514.863	26.901
28.230	26.432	1.019	
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271.754	37794.598	41474.566	26.872
28.203	26.459	1.018	
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271.803	37770.480	41452.742	26.856
28.188	26.476	1.018	
12/11/2016 7:00:00 PM	334800.000	120.703	20.348
271.896	37808.379	41495.555	26.887
28.217	26.449	1.018	
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28.208	26.457	1.018	
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271.962	37790.473	41478.570	26.874
28.205	26.462	1.018	
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271.982	37782.367	41468.148	26.867
28.198	26.467	1.018	
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272.038	37788.480	41476.145	26.873
28.204	26.463	1.018	
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272.129	37719.848	41398.469	26.817
28.151	26.511	1.018	
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272.129	37801.418	41487.078	26.881
28.211	26.454	1.018	
12/11/2016 8:45:00 PM	341100.000	120.812	20.347
272.142	37795.707	41482.188	26.877
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272.204	37788.359	41475.863	26.872
28.204	26.463	1.018	
12/11/2016 9:15:00 PM	342900.000	120.833	20.339
272.188	37740.176	41427.918	26.838
28.171	26.497	1.018	
12/11/2016 9:30:00 PM	343800.000	120.849	20.344
272.224	37795.535	41484.730	26.879
28.210	26.458	1.018	
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272.238	37807.480	41493.121	26.885
28.215	26.450	1.018	
12/11/2016 10:00:00 PM	345600.000	120.866	20.348
272.262	37812.738	41499.961	26.890
28.220	26.446	1.019	
12/11/2016 10:15:00 PM	346500.000	120.863	20.351
272.257	37725.035	41401.043	26.819
28.153	26.508	1.018	
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272.259	37787.238	41466.801	26.866
28.197	26.464	1.018	
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272.259	37789.902	41468.281	26.867
28.198	26.462	1.018	
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272.211	37781.383	41461.973	26.863
28.194	26.468	1.018	
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272.240	37783.137	41462.301	26.863
28.194	26.467	1.018	
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272.218	37814.492	41499.602	26.890
28.220	26.445	1.019	
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272.218	37713.574	41385.199	26.808
28.142	26.516	1.018	
12/12/2016 12:00:00 AM	352800.000	120.830	20.357
272.180	37802.523	41480.906	26.877
28.207	26.453	1.018	
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272.147	37773.219	41447.316	26.852
28.184	26.474	1.018	
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272.203	37788.898	41466.793	26.866
28.197	26.463	1.018	
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272.066	37739.867	41411.246	26.826
28.160	26.497	1.018	
12/12/2016 1:00:00 AM	356400.000	120.783	20.356
272.075	37816.285	41497.230	26.888
28.218	26.444	1.018	
12/12/2016 1:15:00 AM	357300.000	120.782	20.355
272.073	37772.574	41449.723	26.854
28.186	26.474	1.018	
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272.035	37775.207	41452.535	26.856
28.188	26.472	1.018	
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28.196	26.466	1.018	
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28.205	26.457	1.018	
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28.198	26.466	1.018	
12/12/2016 2:30:00 AM	361800.000	120.744	20.346
271.987	37780.477	41466.449	26.866
28.197	26.469	1.018	
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271.957	37783.449	41466.977	26.866
28.198	26.467	1.018	
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12/12/2016 3:15:00 AM	364500.000	120.747	20.351
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28.241	26.425	1.019	
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28.220	26.446	1.019	
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272.044	37789.391	41473.199	26.871
28.202	26.462	1.018	
12/12/2016 4:00:00 AM	367200.000	120.781	20.349
272.072	37838.246	41526.887	26.909
28.238	26.428	1.019	
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272.110	37761.316	41444.441	26.850
28.182	26.482	1.018	
12/12/2016 4:30:00 AM	369000.000	120.810	20.348
272.137	37781.656	41465.848	26.865
28.197	26.468	1.018	
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272.194	37806.574	41492.957	26.885
28.215	26.450	1.018	
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272.215	37826.008	41513.453	26.900
28.229	26.437	1.019	
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272.302	37792.449	41475.863	26.873
28.204	26.460	1.018	
12/12/2016 5:30:00 AM	372600.000	120.926	20.348
272.397	37817.551	41505.168	26.894
28.224	26.443	1.019	
12/12/2016 5:45:00 AM	373500.000	120.931	20.351
272.410	37833.363	41520.539	26.905
28.234	26.432	1.019	
12/12/2016 6:00:00 AM	374400.000	120.976	20.353
272.510	37801.383	41483.152	26.878
28.209	26.454	1.018	
12/12/2016 6:15:00 AM	375300.000	120.982	20.352
272.523	37810.930	41494.855	26.886
28.217	26.447	1.018	
12/12/2016 6:30:00 AM	376200.000	121.011	20.352
272.590	37803.430	41486.461	26.880
28.211	26.453	1.018	
12/12/2016 6:45:00 AM	377100.000	121.051	20.345
272.679	37802.293	41491.086	26.883
28.214	26.453	1.018	
12/12/2016 7:00:00 AM	378000.000	121.070	20.341
272.721	37780.063	41469.949	26.868
28.200	26.469	1.018	
12/12/2016 7:15:00 AM	378900.000	121.096	20.342
272.781	37781.777	41471.148	26.869
28.200	26.468	1.018	
12/12/2016 7:30:00 AM	379800.000	121.124	20.342
272.843	37801.773	41493.480	26.885
28.216	26.454	1.018	
12/12/2016 7:45:00 AM	380700.000	121.139	20.338
272.877	37795.023	41489.266	26.882
28.213	26.459	1.018	

12/12/2016 8:00:00 AM	381600.000	121.170	20.341
272.948	37786.160	41477.027	26.873
28.204	26.465	1.018	
12/12/2016 8:15:00 AM	382500.000	121.179	20.342
272.969	37799.059	41490.500	26.883
28.214	26.456	1.018	
12/12/2016 8:30:00 AM	383400.000	121.204	20.343
273.024	37805.715	41496.891	26.888
28.218	26.451	1.019	
12/12/2016 8:45:00 AM	384300.000	121.204	20.347
273.024	37788.016	41473.816	26.871
28.202	26.463	1.018	
12/12/2016 9:00:00 AM	385200.000	121.211	20.346
273.040	37796.520	41483.906	26.878
28.209	26.457	1.018	
12/12/2016 9:15:00 AM	386100.000	121.236	20.339
273.095	37788.992	41481.961	26.877
28.208	26.463	1.018	
12/12/2016 9:30:00 AM	387000.000	121.226	20.340
273.073	37789.699	41481.594	26.876
28.207	26.462	1.018	
12/12/2016 9:45:00 AM	387900.000	121.225	20.339
273.070	37823.375	41519.246	26.904
28.233	26.439	1.019	
12/12/2016 10:00:00 AM	388800.000	121.219	20.344
273.057	37817.137	41508.672	26.896
28.226	26.443	1.019	
12/12/2016 10:15:00 AM	389700.000	121.215	20.348
273.048	37809.164	41496.184	26.887
28.217	26.449	1.018	
12/12/2016 10:30:00 AM	390600.000	121.206	20.343
273.029	37810.387	41501.945	26.891
28.221	26.448	1.019	
12/12/2016 10:45:00 AM	391500.000	121.176	20.341
272.960	37818.930	41513.223	26.899
28.229	26.442	1.019	
12/12/2016 11:00:00 AM	392400.000	121.163	20.342
272.932	37816.242	41509.516	26.897
28.226	26.444	1.019	
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272.864	37800.160	41492.707	26.884
28.215	26.455	1.018	
12/12/2016 11:30:00 AM	394200.000	121.117	20.342
272.827	37848.258	41544.047	26.921
28.250	26.421	1.019	
12/12/2016 11:45:00 AM	395100.000	121.081	20.346
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272.658	37832.559	41522.922	26.906
28.236	26.432	1.019	
12/12/2016 12:15:00 PM	396900.000	121.017	20.346
272.602	37803.203	41491.016	26.883
28.214	26.453	1.018	
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272.551	37790.781	41475.789	26.873
28.204	26.461	1.018	
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272.510	37815.063	41501.137	26.891
28.221	26.444	1.019	
12/12/2016 1:00:00 PM	399600.000	120.947	20.351
272.445	37812.344	41497.016	26.888
28.218	26.446	1.018	
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272.288	37819.125	41502.094	26.892
28.221	26.442	1.019	
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272.218	37816.613	41499.039	26.889
28.219	26.443	1.018	
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272.124	37806.305	41486.738	26.881
28.211	26.451	1.018	
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272.089	37791.508	41465.625	26.866
28.197	26.461	1.018	
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28.191	26.466	1.018	
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271.745	37805.785	41472.172	26.871
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271.639	37785.074	41443.070	26.850
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28.190	26.455	1.018	
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28.217	26.435	1.018	
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28.188	26.463	1.018	
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28.190	26.463	1.018	
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28.198	26.461	1.018	
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271.768	37796.781	41474.078	26.872
28.202	26.457	1.018	
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272.190	37817.043	41504.688	26.893
28.223	26.443	1.019	
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272.264	37818.441	41503.246	26.892
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28.206 26.459 1.018
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272.427 37804.535 41496.668 26.887
28.218 26.452 1.019
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28.225 26.443 1.019
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28.215 26.456 1.018
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28.208	26.456	1.018	
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28.205	26.459	1.018	
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28.202	26.461	1.018	
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28.200	26.461	1.018	
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28.221	26.443	1.019	
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28.230	26.436	1.019	
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28.131	26.527	1.018	
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28.223	26.441	1.019	
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28.185	26.463	1.018	
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271.611	37782.387	41441.559	26.849
28.180	26.467	1.018	
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271.642	37780.133	41437.945	26.846
28.178	26.469	1.018	
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271.594	37794.457	41445.676	26.852
28.183	26.459	1.018	
12/13/2016 5:45:00 PM	503100.000	120.593	20.376
271.648	37777.844	41437.176	26.846
28.177	26.471	1.018	
12/13/2016 6:00:00 PM	504000.000	120.574	20.381
271.606	37787.586	41443.609	26.851
28.182	26.464	1.018	
12/13/2016 6:15:00 PM	504900.000	120.586	20.386
271.631	37796.582	41449.297	26.855
28.186	26.457	1.018	
12/13/2016 6:30:00 PM	505800.000	120.578	20.381
271.614	37800.668	41458.262	26.861
28.192	26.455	1.018	
12/13/2016 6:45:00 PM	506700.000	120.616	20.382
271.699	37788.348	41444.223	26.851
28.182	26.463	1.018	
12/13/2016 7:00:00 PM	507600.000	120.627	20.379
271.723	37782.535	41440.125	26.848
28.179	26.467	1.018	
12/13/2016 7:15:00 PM	508500.000	120.639	20.371
271.751	37805.617	41471.988	26.871
28.201	26.451	1.018	
12/13/2016 7:30:00 PM	509400.000	120.643	20.367
271.760	37797.703	41466.715	26.867
28.197	26.457	1.018	
12/13/2016 7:45:00 PM	510300.000	120.660	20.359
271.798	37795.906	41472.281	26.870
28.201	26.458	1.018	
12/13/2016 8:00:00 PM	511200.000	120.692	20.361
271.871	37786.742	41460.016	26.862
28.193	26.464	1.018	
12/13/2016 8:15:00 PM	512100.000	120.735	20.359
271.966	37790.086	41465.438	26.865
28.196	26.462	1.018	
12/13/2016 8:30:00 PM	513000.000	120.737	20.354
271.972	37804.035	41485.234	26.880

28.210	26.452	1.018	
12/13/2016 8:45:00 PM	513900.000	120.795	20.353
272.103	37802.680	41484.352	26.879
28.209	26.453	1.018	
12/13/2016 9:00:00 PM	514800.000	120.805	20.357
272.126	37804.629	41483.598	26.878
28.209	26.452	1.018	
12/13/2016 9:15:00 PM	515700.000	120.824	20.355
272.167	37832.852	41515.707	26.902
28.231	26.432	1.019	
12/13/2016 9:30:00 PM	516600.000	120.864	20.353
272.258	37779.145	41459.277	26.861
28.192	26.470	1.018	
12/13/2016 9:45:00 PM	517500.000	120.875	20.354
272.282	37821.012	41503.938	26.893
28.223	26.440	1.019	
12/13/2016 10:00:00 PM	518400.000	120.902	20.345
272.343	37774.109	41460.684	26.862
28.193	26.473	1.018	
12/13/2016 10:15:00 PM	519300.000	120.926	20.346
272.398	37780.988	41467.012	26.866
28.198	26.468	1.018	
12/13/2016 10:30:00 PM	520200.000	120.931	20.347
272.410	37795.293	41482.023	26.877
28.208	26.458	1.018	
12/13/2016 10:45:00 PM	521100.000	120.963	20.352
272.480	37816.121	41500.477	26.890
28.220	26.444	1.019	
12/13/2016 11:00:00 PM	522000.000	120.963	20.345
272.480	37776.129	41462.586	26.863
28.195	26.472	1.018	
12/13/2016 11:15:00 PM	522900.000	120.983	20.345
272.527	37777.539	41463.918	26.864
28.195	26.471	1.018	
12/13/2016 11:30:00 PM	523800.000	120.988	20.350
272.538	37792.609	41476.574	26.873
28.204	26.460	1.018	
12/13/2016 11:45:00 PM	524700.000	120.995	20.353
272.553	37797.285	41479.113	26.875
28.206	26.457	1.018	
12/14/2016 12:00:00 AM	525600.000	121.013	20.353
272.594	37825.238	41509.484	26.897
28.226	26.437	1.019	
12/14/2016 12:15:00 AM	526500.000	120.994	20.351
272.551	37807.496	41492.078	26.884
28.215	26.450	1.018	
12/14/2016 12:30:00 AM	527400.000	121.008	20.351
272.581	37809.531	41493.617	26.885
28.216	26.448	1.018	
12/14/2016 12:45:00 AM	528300.000	121.001	20.349
272.567	37805.230	41491.410	26.884
28.214	26.451	1.018	
12/14/2016 1:00:00 AM	529200.000	120.993	20.350
272.548	37808.605	41493.898	26.886
28.216	26.449	1.018	

12/14/2016 1:15:00 AM 530100.000 121.016 20.349
272.600 37806.465 41492.543 26.885
28.215 26.451 1.018
12/14/2016 1:30:00 AM 531000.000 120.979 20.350
272.517 37812.895 41498.301 26.889
28.219 26.446 1.019
12/14/2016 1:45:00 AM 531900.000 120.986 20.347
272.533 37801.051 41488.051 26.881
28.212 26.454 1.018
12/14/2016 2:00:00 AM 532800.000 120.966 20.347
272.487 37798.734 41485.727 26.880
28.210 26.456 1.018
12/14/2016 2:15:00 AM 533700.000 120.957 20.350
272.468 37783.504 41466.277 26.866
28.197 26.467 1.018
12/14/2016 2:30:00 AM 534600.000 120.941 20.349
272.431 37777.211 41460.359 26.861
28.193 26.471 1.018
12/14/2016 2:45:00 AM 535500.000 120.954 20.347
272.461 37781.273 41466.789 26.866
28.197 26.468 1.018
12/14/2016 3:00:00 AM 536400.000 120.941 20.349
272.431 37803.641 41489.293 26.882
28.213 26.452 1.018
12/14/2016 3:15:00 AM 537300.000 120.929 20.353
272.404 37694.715 41366.168 26.794
28.129 26.529 1.018
12/14/2016 3:30:00 AM 538200.000 120.924 20.351
272.394 37827.262 41513.156 26.900
28.229 26.436 1.019
12/14/2016 3:45:00 AM 539100.000 120.913 20.350
272.369 37827.117 41514.145 26.900
28.230 26.436 1.019
12/14/2016 4:00:00 AM 540000.000 120.911 20.353
272.363 37805.836 41488.422 26.882
28.212 26.451 1.018
12/14/2016 4:15:00 AM 540900.000 120.931 20.351
272.408 37687.914 41360.762 26.790
28.125 26.534 1.018
12/14/2016 4:30:00 AM 541800.000 120.923 20.349
272.390 37764.605 41446.750 26.852
28.184 26.480 1.018
12/14/2016 4:45:00 AM 542700.000 120.914 20.349
272.371 37782.168 41466.098 26.866
28.197 26.468 1.018
12/14/2016 5:00:00 AM 543600.000 120.918 20.351
272.380 37808.641 41493.020 26.885
28.215 26.449 1.018
12/14/2016 5:15:00 AM 544500.000 120.951 20.351
272.455 37795.082 41477.758 26.874
28.205 26.458 1.018
12/14/2016 5:30:00 AM 545400.000 120.940 20.349
272.429 37784.629 41468.125 26.867
28.198 26.466 1.018
12/14/2016 5:45:00 AM 546300.000 120.961 20.355

272.477	37748.863	41424.082	26.836
28.168	26.491	1.018	
12/14/2016 6:00:00 AM	547200.000	120.976	20.355
272.511	37796.270	41475.797	26.873
28.204	26.458	1.018	
12/14/2016 6:15:00 AM	548100.000	120.975	20.350
272.507	37789.633	41473.156	26.871
28.202	26.462	1.018	
12/14/2016 6:30:00 AM	549000.000	121.000	20.353
272.564	37755.613	41432.926	26.842
28.174	26.486	1.018	
12/14/2016 6:45:00 AM	549900.000	121.034	20.354
272.641	37728.613	41402.391	26.820
28.154	26.505	1.018	
12/14/2016 7:00:00 AM	550800.000	121.053	20.356
272.684	37801.207	41480.758	26.876
28.207	26.454	1.018	
12/14/2016 7:15:00 AM	551700.000	121.076	20.351
272.735	37807.215	41491.230	26.884
28.214	26.450	1.018	
12/14/2016 7:30:00 AM	552600.000	121.106	20.348
272.803	37802.484	41489.309	26.882
28.213	26.453	1.018	
12/14/2016 7:45:00 AM	553500.000	121.128	20.347
272.853	37805.910	41493.602	26.885
28.216	26.451	1.018	
12/14/2016 8:00:00 AM	554400.000	121.167	20.348
272.940	37777.914	41461.961	26.863
28.194	26.470	1.018	
12/14/2016 8:15:00 AM	555300.000	121.214	20.346
273.045	37814.711	41503.648	26.893
28.222	26.445	1.019	
12/14/2016 8:30:00 AM	556200.000	121.213	20.344
273.045	37803.527	41493.504	26.885
28.216	26.453	1.018	
12/14/2016 8:45:00 AM	557100.000	121.246	20.343
273.119	37796.910	41486.770	26.880
28.211	26.457	1.018	
12/14/2016 9:00:00 AM	558000.000	121.270	20.343
273.173	37794.086	41483.828	26.878
28.209	26.459	1.018	
12/14/2016 9:15:00 AM	558900.000	121.286	20.348
273.208	37813.918	41501.258	26.891
28.221	26.445	1.019	
12/14/2016 9:30:00 AM	559800.000	121.311	20.343
273.265	37811.758	41503.758	26.892
28.223	26.447	1.019	
12/14/2016 9:45:00 AM	560700.000	121.330	20.347
273.307	37804.113	41491.629	26.884
28.214	26.452	1.018	
12/14/2016 10:00:00 AM	561600.000	121.340	20.341
273.330	37808.457	41501.652	26.891
28.221	26.449	1.019	
12/14/2016 10:15:00 AM	562500.000	121.358	20.343
273.370	37777.734	41465.953	26.865

28.197	26.471	1.018	
12/14/2016 10:30:00 AM	563400.000	121.363	20.341
273.383	37764.043	41453.063	26.856
28.188	26.480	1.018	
12/14/2016 10:45:00 AM	564300.000	121.378	20.343
273.416	37794.996	41485.438	26.879
28.210	26.459	1.018	
12/14/2016 11:00:00 AM	565200.000	121.374	20.343
273.407	37796.234	41486.719	26.880
28.211	26.458	1.018	
12/14/2016 11:15:00 AM	566100.000	121.373	20.348
273.404	37797.605	41483.652	26.878
28.209	26.457	1.018	
12/14/2016 11:30:00 AM	567000.000	121.366	20.344
273.388	37815.117	41505.992	26.894
28.224	26.444	1.019	
12/14/2016 11:45:00 AM	567900.000	121.362	20.344
273.381	37821.715	41513.609	26.900
28.229	26.440	1.019	
12/14/2016 12:00:00 PM	568800.000	121.345	20.345
273.341	37827.375	41518.914	26.903
28.233	26.436	1.019	
12/14/2016 12:15:00 PM	569700.000	121.321	20.344
273.287	37796.746	41485.988	26.880
28.210	26.457	1.018	
12/14/2016 12:30:00 PM	570600.000	121.299	20.350
273.238	37772.309	41454.367	26.857
28.189	26.474	1.018	
12/14/2016 12:45:00 PM	571500.000	121.266	20.344
273.164	37816.246	41507.605	26.895
28.225	26.444	1.019	
12/14/2016 1:00:00 PM	572400.000	121.241	20.341
273.107	37742.484	41429.156	26.839
28.172	26.495	1.018	
12/14/2016 1:15:00 PM	573300.000	121.221	20.345
273.062	37771.750	41457.781	26.859
28.191	26.475	1.018	
12/14/2016 1:30:00 PM	574200.000	121.179	20.349
272.969	37792.664	41477.090	26.874
28.204	26.460	1.018	
12/14/2016 1:45:00 PM	575100.000	121.149	20.348
272.900	37811.363	41498.598	26.889
28.219	26.447	1.019	
12/14/2016 2:00:00 PM	576000.000	121.105	20.349
272.801	37781.750	41465.418	26.865
28.196	26.468	1.018	
12/14/2016 2:15:00 PM	576900.000	121.070	20.350
272.721	37821.422	41507.742	26.896
28.225	26.440	1.019	
12/14/2016 2:30:00 PM	577800.000	121.025	20.352
272.620	37749.910	41427.348	26.838
28.171	26.490	1.018	
12/14/2016 2:45:00 PM	578700.000	121.006	20.356
272.577	37776.320	41453.594	26.857
28.188	26.472	1.018	

12/14/2016 3:00:00 PM 579600.000 120.972 20.356
272.501 37774.531 41451.109 26.855
28.187 26.473 1.018
12/14/2016 3:15:00 PM 580500.000 120.904 20.349
272.348 37780.273 41463.418 26.864
28.195 26.469 1.018
12/14/2016 3:30:00 PM 581400.000 120.872 20.351
272.276 37797.906 41481.242 26.877
28.207 26.456 1.018
12/14/2016 3:45:00 PM 582300.000 120.858 20.355
272.245 37821.508 41503.711 26.893
28.223 26.440 1.019
12/14/2016 4:00:00 PM 583200.000 120.795 20.362
272.103 37829.969 41507.289 26.896
28.225 26.434 1.019
12/14/2016 4:15:00 PM 584100.000 120.792 20.366
272.096 37811.527 41483.406 26.879
28.209 26.447 1.018
12/14/2016 4:30:00 PM 585000.000 120.764 20.369
272.033 37787.020 41453.715 26.857
28.189 26.464 1.018
12/14/2016 4:45:00 PM 585900.000 120.732 20.378
271.962 37819.695 41481.340 26.878
28.207 26.441 1.018
12/14/2016 5:00:00 PM 586800.000 120.686 20.375
271.857 37820.461 41484.836 26.880
28.210 26.441 1.018
12/14/2016 5:15:00 PM 587700.000 120.678 20.375
271.839 37820.055 41484.777 26.880
28.210 26.441 1.018
12/14/2016 5:30:00 PM 588600.000 120.656 20.377
271.790 37797.617 41458.723 26.861
28.192 26.457 1.018
12/14/2016 5:45:00 PM 589500.000 120.642 20.375
271.757 37814.215 41478.145 26.875
28.205 26.445 1.018
12/14/2016 6:00:00 PM 590400.000 120.633 20.380
271.738 37820.254 41480.582 26.877
28.207 26.441 1.018
12/14/2016 6:15:00 PM 591300.000 120.606 20.386
271.677 37788.805 41441.078 26.849
28.180 26.463 1.018
12/14/2016 6:30:00 PM 592200.000 120.625 20.381
271.719 37781.574 41436.945 26.846
28.177 26.468 1.018
12/14/2016 6:45:00 PM 593100.000 120.601 20.379
271.665 37788.637 41446.816 26.853
28.184 26.463 1.018
12/14/2016 7:00:00 PM 594000.000 120.644 20.380
271.764 37801.359 41460.168 26.862
28.193 26.454 1.018
12/14/2016 7:15:00 PM 594900.000 120.638 20.382
271.748 37784.777 41439.621 26.848
28.179 26.466 1.018
12/14/2016 7:30:00 PM 595800.000 120.626 20.377

271.723	37756.902	41414.137	26.829
28.162	26.485	1.018	
12/14/2016 7:45:00 PM	596700.000	120.678	20.383
271.839	37802.559	41458.516	26.861
28.192	26.453	1.018	
12/14/2016 8:00:00 PM	597600.000	120.679	20.376
271.841	37790.430	41451.219	26.856
28.187	26.462	1.018	
12/14/2016 8:15:00 PM	598500.000	120.695	20.368
271.878	37773.148	41439.484	26.847
28.179	26.474	1.018	
12/14/2016 8:30:00 PM	599400.000	120.700	20.364
271.888	37800.711	41473.219	26.871
28.202	26.455	1.018	
12/14/2016 8:45:00 PM	600300.000	120.732	20.360
271.960	37806.246	41482.637	26.878
28.208	26.451	1.018	
12/14/2016 9:00:00 PM	601200.000	120.755	20.357
272.013	37804.340	41483.438	26.878
28.209	26.452	1.018	
12/14/2016 9:15:00 PM	602100.000	120.783	20.351
272.075	37782.277	41463.945	26.864
28.195	26.467	1.018	
12/14/2016 9:30:00 PM	603000.000	120.799	20.351
272.112	37796.641	41479.707	26.875
28.206	26.457	1.018	
12/14/2016 9:45:00 PM	603900.000	120.871	20.349
272.275	37805.152	41490.953	26.883
28.214	26.451	1.018	
12/14/2016 10:00:00 PM	604800.000	120.870	20.345
272.272	37799.754	41488.219	26.881
28.212	26.455	1.018	
12/14/2016 10:15:00 PM	605700.000	120.900	20.346
272.338	37751.266	41434.086	26.842
28.175	26.489	1.018	
12/14/2016 10:30:00 PM	606600.000	120.921	20.350
272.387	37796.477	41480.973	26.876
28.207	26.457	1.018	
12/14/2016 10:45:00 PM	607500.000	120.947	20.348
272.445	37803.977	41490.184	26.883
28.213	26.452	1.018	
12/14/2016 11:00:00 PM	608400.000	120.976	20.351
272.511	37775.348	41456.340	26.859
28.190	26.472	1.018	
12/14/2016 11:15:00 PM	609300.000	120.991	20.353
272.544	37823.043	41506.852	26.895
28.225	26.439	1.019	
12/14/2016 11:30:00 PM	610200.000	121.025	20.353
272.620	37810.301	41492.715	26.885
28.215	26.448	1.018	
12/14/2016 11:45:00 PM	611100.000	121.026	20.346
272.624	37706.027	41384.434	26.807
28.141	26.521	1.018	

Report Date: 12/19/2016 10:29:11 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-4M LT Test_2016-12-15_16-20-18-615-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2016 7:45:03 PM	Used Battery: 14% Used Memory: 3% User Name: ANorris
10/2/2016 11:27:35 AM	Log Download - Used Battery: 14% Used Memory: 3% User Name: ANorris Interval - Start Time: 10/1/2016 7:50:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/6/2016 5:03:54 PM	Log Download - Used Battery: 15% Used Memory: 4% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 5:15:00 PM
10/13/2016 7:37:50 PM	Log Download - Used Battery: 16% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:30:00 PM
10/20/2016 7:34:33 PM	Log Download - Used Battery: 16% Used Memory: 9% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 7:30:00 PM
10/27/2016 12:16:49 PM	Log Download - Used Battery: 17% Used Memory: 10% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 1:00:00 PM
11/3/2016 5:11:59 PM	Log Download - Used Battery: 18% Used Memory: 14% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 5:10:00 PM
11/11/2016 9:25:38 AM	Log Download - Used Battery: 19% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:25:00 AM
11/17/2016 7:21:53 AM	Log Download - Used Battery: 19% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 10:30:00 AM
11/24/2016 4:40:05 PM	Log Download - Used Battery: 20% Used Memory: 21% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 4:35:00 PM
12/2/2016 8:25:23 AM	Log Download - Used Battery: 21% Used Memory: 23% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:15:00 AM
12/8/2016 5:30:04 PM	Log Download - Used Battery: 21% Used Memory: 26% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 5:25:00 PM
12/15/2016 4:18:32 PM	Log Download - Used Battery: 22% Used Memory: 28% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:15:00 PM
12/19/2016 10:15:33 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 2235
Sensors: 2
1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft		Sensor:
PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft		Sensor:
PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft		Sensor:
PCTD(A) 197.3ft	Sensor: Baro-Adj Calc			
	SN#: 428901	SN#: 428901	SN#: 428901	
SN#: 428901	SN#: 428901	SN#: 428901		SN#: 428901
SN#: 428901	SN#: 428901	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)				
12/8/2016 12:00:00 AM	7200.000	73.057	17.992	
166.520	29167.789	33675.125	21.274	
22899.088	34.284	1.015	14.776	
12/8/2016 12:05:00 AM	7500.000	73.058	17.992	
166.523	29163.781	33670.820	21.271	
22896.160	34.289	1.015	14.779	
12/8/2016 12:10:00 AM	7800.000	73.053	17.993	
166.511	29172.617	33680.367	21.278	
22902.650	34.279	1.015	14.781	
12/8/2016 12:15:00 AM	8100.000	73.051	17.993	
166.505	29171.770	33679.203	21.277	
22901.859	34.280	1.015	14.783	
12/8/2016 12:20:00 AM	8400.000	73.051	17.992	
166.505	29157.170	33662.730	21.266	
22890.658	34.297	1.015	14.783	
12/8/2016 12:25:00 AM	8700.000	73.053	17.992	
166.510	29171.459	33679.293	21.277	
22901.920	34.280	1.015	14.783	
12/8/2016 12:30:00 AM	9000.000	73.045	17.992	
166.493	29174.621	33683.070	21.280	
22904.490	34.276	1.015	14.783	
12/8/2016 12:35:00 AM	9300.000	73.049	17.993	
166.502	29185.363	33695.148	21.288	
22912.703	34.264	1.015	14.779	
12/8/2016 12:40:00 AM	9600.000	73.052	17.993	
166.509	29173.764	33681.828	21.279	
22903.645	34.277	1.015	14.775	
12/8/2016 12:45:00 AM	9900.000	73.058	17.992	
166.521	29173.533	33681.621	21.279	
22903.504	34.278	1.015	14.771	
12/8/2016 12:50:00 AM	10200.000	73.058	17.993	
166.522	29171.264	33678.676	21.277	
22901.500	34.280	1.015	14.772	
12/8/2016 12:55:00 AM	10500.000	73.053	17.993	
166.511	29181.264	33690.297	21.285	
22909.402	34.269	1.015	14.773	
12/8/2016 1:00:00 AM	10800.000	73.053	17.993	
166.511	29156.910	33662.371	21.266	
22890.414	34.297	1.015	14.774	
12/8/2016 1:05:00 AM	11100.000	73.053	17.992	
166.511	29173.779	33681.973	21.279	
22903.744	34.277	1.015	14.774	
12/8/2016 1:10:00 AM	11400.000	73.062	17.993	
166.531	29167.799	33674.621	21.274	
22898.742	34.284	1.015	14.774	

12/8/2016 1:15:00 AM 11700.000 73.060 17.992
166.526 29189.693 33700.414 21.292
22916.283 34.259 1.015 14.774
12/8/2016 1:20:00 AM 12000.000 73.042 17.993
166.484 29192.365 33703.230 21.294
22918.197 34.256 1.015 14.773
12/8/2016 1:25:00 AM 12300.000 73.063 17.992
166.532 29168.100 33675.414 21.275
22899.283 34.284 1.015 14.772
12/8/2016 1:30:00 AM 12600.000 73.063 17.993
166.533 29171.371 33678.875 21.277
22901.637 34.280 1.015 14.771
12/8/2016 1:35:00 AM 12900.000 73.065 17.992
166.539 29172.967 33681.160 21.279
22903.191 34.278 1.015 14.770
12/8/2016 1:40:00 AM 13200.000 73.064 17.992
166.536 29166.088 33673.160 21.273
22897.750 34.286 1.015 14.770
12/8/2016 1:45:00 AM 13500.000 73.062 17.992
166.531 29176.025 33684.496 21.281
22905.459 34.275 1.015 14.769
12/8/2016 1:50:00 AM 13800.000 73.072 17.992
166.554 29161.316 33667.781 21.269
22894.092 34.292 1.015 14.769
12/8/2016 1:55:00 AM 14100.000 73.075 17.993
166.561 29163.320 33669.773 21.271
22895.447 34.290 1.015 14.768
12/8/2016 2:00:00 AM 14400.000 73.068 17.992
166.545 29161.887 33668.438 21.270
22894.539 34.291 1.015 14.768
12/8/2016 2:05:00 AM 14700.000 73.077 17.992
166.565 29181.736 33691.227 21.286
22910.035 34.268 1.015 14.767
12/8/2016 2:10:00 AM 15000.000 73.082 17.992
166.576 29171.420 33679.180 21.277
22901.842 34.280 1.015 14.766
12/8/2016 2:15:00 AM 15300.000 73.082 17.993
166.577 29171.813 33679.438 21.277
22902.020 34.280 1.015 14.766
12/8/2016 2:20:00 AM 15600.000 73.081 17.992
166.575 29178.592 33687.461 21.283
22907.477 34.272 1.015 14.768
12/8/2016 2:25:00 AM 15900.000 73.079 17.993
166.571 29163.682 33670.113 21.271
22895.680 34.289 1.015 14.770
12/8/2016 2:30:00 AM 16200.000 73.082 17.992
166.577 29174.877 33683.500 21.280
22904.779 34.276 1.015 14.772
12/8/2016 2:35:00 AM 16500.000 73.085 17.992
166.584 29173.580 33681.809 21.279
22903.631 34.278 1.015 14.771
12/8/2016 2:40:00 AM 16800.000 73.083 17.992
166.579 29160.734 33667.109 21.269
22893.637 34.293 1.015 14.771

12/8/2016 2:45:00 AM	17100.000	73.087	17.992
166.587	29161.258	33667.516	21.269
22893.912	34.292	1.015	14.770
12/8/2016 2:50:00 AM	17400.000	73.093	17.993
166.600	29165.566	33672.289	21.272
22897.158	34.287	1.015	14.769
12/8/2016 2:55:00 AM	17700.000	73.092	17.993
166.598	29181.242	33690.270	21.285
22909.383	34.269	1.015	14.767
12/8/2016 3:00:00 AM	18000.000	73.096	17.992
166.609	29172.057	33680.109	21.278
22902.475	34.279	1.015	14.765
12/8/2016 3:05:00 AM	18300.000	73.097	17.993
166.611	29174.082	33682.059	21.279
22903.801	34.277	1.015	14.765
12/8/2016 3:10:00 AM	18600.000	73.099	17.992
166.616	29169.656	33677.410	21.276
22900.641	34.282	1.015	14.765
12/8/2016 3:15:00 AM	18900.000	73.101	17.992
166.620	29187.572	33697.828	21.290
22914.523	34.261	1.015	14.765
12/8/2016 3:20:00 AM	19200.000	73.102	17.993
166.622	29181.951	33691.207	21.286
22910.023	34.268	1.015	14.764
12/8/2016 3:25:00 AM	19500.000	73.110	17.992
166.640	29165.600	33672.527	21.273
22897.320	34.287	1.015	14.762
12/8/2016 3:30:00 AM	19800.000	73.109	17.993
166.638	29189.148	33699.453	21.291
22915.631	34.259	1.015	14.761
12/8/2016 3:35:00 AM	20100.000	73.115	17.992
166.651	29185.674	33695.902	21.289
22913.213	34.263	1.015	14.760
12/8/2016 3:40:00 AM	20400.000	73.116	17.992
166.655	29166.840	33673.895	21.274
22898.248	34.286	1.015	14.758
12/8/2016 3:45:00 AM	20700.000	73.124	17.993
166.673	29180.850	33689.871	21.285
22909.115	34.269	1.015	14.757
12/8/2016 3:50:00 AM	21000.000	73.123	17.992
166.669	29170.395	33678.063	21.276
22901.082	34.281	1.015	14.760
12/8/2016 3:55:00 AM	21300.000	73.123	17.993
166.670	29175.920	33684.125	21.281
22905.207	34.275	1.015	14.764
12/8/2016 4:00:00 AM	21600.000	73.120	17.993
166.662	29172.918	33680.777	21.278
22902.932	34.278	1.015	14.767
12/8/2016 4:05:00 AM	21900.000	73.122	17.993
166.668	29194.717	33705.883	21.296
22920.002	34.253	1.015	14.765
12/8/2016 4:10:00 AM	22200.000	73.126	17.992
166.677	29159.324	33665.730	21.268
22892.699	34.294	1.015	14.762

12/8/2016 4:15:00 AM 22500.000 73.128 17.993
166.681 29179.555 33688.250 21.284
22908.010 34.271 1.015 14.760
12/8/2016 4:20:00 AM 22800.000 73.135 17.993
166.697 29176.268 33684.645 21.281
22905.559 34.274 1.015 14.760
12/8/2016 4:25:00 AM 23100.000 73.120 17.993
166.664 29172.160 33679.656 21.278
22902.166 34.279 1.015 14.760
12/8/2016 4:30:00 AM 23400.000 73.140 17.992
166.708 29168.209 33675.473 21.275
22899.322 34.284 1.015 14.760
12/8/2016 4:35:00 AM 23700.000 73.140 17.992
166.709 29178.744 33687.637 21.283
22907.594 34.272 1.015 14.761
12/8/2016 4:40:00 AM 24000.000 73.145 17.993
166.720 29173.023 33680.781 21.278
22902.934 34.278 1.015 14.762
12/8/2016 4:45:00 AM 24300.000 73.146 17.992
166.722 29181.465 33690.844 21.285
22909.775 34.268 1.015 14.763
12/8/2016 4:50:00 AM 24600.000 73.141 17.993
166.711 29171.961 33679.555 21.278
22902.100 34.279 1.015 14.763
12/8/2016 4:55:00 AM 24900.000 73.146 17.993
166.723 29176.979 33685.148 21.281
22905.900 34.274 1.015 14.763
12/8/2016 5:00:00 AM 25200.000 73.153 17.993
166.737 29177.979 33686.504 21.282
22906.824 34.272 1.015 14.762
12/8/2016 5:05:00 AM 25500.000 73.157 17.993
166.748 29171.709 33679.457 21.277
22902.033 34.280 1.015 14.761
12/8/2016 5:10:00 AM 25800.000 73.159 17.993
166.751 29178.523 33687.000 21.283
22907.162 34.272 1.015 14.759
12/8/2016 5:15:00 AM 26100.000 73.165 17.993
166.766 29173.416 33681.426 21.279
22903.369 34.278 1.015 14.757
12/8/2016 5:20:00 AM 26400.000 73.168 17.992
166.772 29170.713 33678.629 21.277
22901.471 34.281 1.015 14.761
12/8/2016 5:25:00 AM 26700.000 73.164 17.992
166.763 29180.549 33689.914 21.285
22909.143 34.269 1.015 14.765
12/8/2016 5:30:00 AM 27000.000 73.158 17.992
166.751 29185.232 33695.195 21.288
22912.732 34.264 1.015 14.769
12/8/2016 5:35:00 AM 27300.000 73.160 17.992
166.755 29181.393 33690.762 21.285
22909.719 34.268 1.015 14.769
12/8/2016 5:40:00 AM 27600.000 73.166 17.993
166.768 29168.252 33675.008 21.274
22899.008 34.284 1.015 14.770

12/8/2016 5:45:00 AM	27900.000	73.163	17.992
166.761	29176.506	33685.051	21.281
22905.834	34.274	1.015	14.770
12/8/2016 5:50:00 AM	28200.000	73.166	17.993
166.769	29178.941	33687.734	21.283
22907.662	34.271	1.015	14.770
12/8/2016 5:55:00 AM	28500.000	73.149	17.993
166.728	29177.484	33686.051	21.282
22906.518	34.273	1.015	14.770
12/8/2016 6:00:00 AM	28800.000	73.174	17.993
166.786	29181.854	33691.168	21.286
22909.996	34.268	1.015	14.770
12/8/2016 6:05:00 AM	29100.000	73.176	17.992
166.791	29183.160	33693.000	21.287
22911.242	34.266	1.015	14.769
12/8/2016 6:10:00 AM	29400.000	73.181	17.993
166.803	29167.400	33674.406	21.274
22898.598	34.285	1.015	14.768
12/8/2016 6:15:00 AM	29700.000	73.180	17.993
166.800	29163.186	33669.480	21.271
22895.246	34.290	1.015	14.766
12/8/2016 6:20:00 AM	30000.000	73.177	17.993
166.794	29168.955	33676.277	21.275
22899.869	34.283	1.015	14.771
12/8/2016 6:25:00 AM	30300.000	73.177	17.992
166.793	29175.309	33683.863	21.281
22905.029	34.276	1.015	14.775
12/8/2016 6:30:00 AM	30600.000	73.173	17.992
166.784	29156.305	33661.730	21.265
22889.979	34.298	1.015	14.779
12/8/2016 6:35:00 AM	30900.000	73.177	17.993
166.792	29170.223	33677.742	21.276
22900.865	34.282	1.015	14.776
12/8/2016 6:40:00 AM	31200.000	73.182	17.993
166.804	29185.270	33695.113	21.288
22912.680	34.264	1.015	14.773
12/8/2016 6:45:00 AM	31500.000	73.186	17.993
166.813	29173.707	33681.688	21.279
22903.547	34.277	1.015	14.770
12/8/2016 6:50:00 AM	31800.000	73.168	17.992
166.773	29185.270	33695.172	21.288
22912.719	34.264	1.015	14.773
12/8/2016 6:55:00 AM	32100.000	73.179	17.993
166.798	29180.453	33689.551	21.284
22908.895	34.270	1.015	14.775
12/8/2016 7:00:00 AM	32400.000	73.186	17.992
166.814	29189.684	33700.461	21.292
22916.314	34.259	1.015	14.778
12/8/2016 7:05:00 AM	32700.000	73.185	17.992
166.810	29163.426	33670.145	21.271
22895.701	34.290	1.015	14.779
12/8/2016 7:10:00 AM	33000.000	73.189	17.992
166.820	29177.723	33686.785	21.283
22907.016	34.273	1.015	14.781

12/8/2016 7:15:00 AM	33300.000	73.182	17.992
166.803	29175.076	33683.594	21.280
22904.844	34.276	1.015	14.782
12/8/2016 7:20:00 AM	33600.000	73.188	17.992
166.817	29159.119	33665.113	21.267
22892.279	34.295	1.015	14.779
12/8/2016 7:25:00 AM	33900.000	73.193	17.993
166.830	29189.887	33700.305	21.292
22916.209	34.258	1.015	14.776
12/8/2016 7:30:00 AM	34200.000	73.196	17.993
166.836	29178.133	33686.801	21.283
22907.025	34.272	1.015	14.773
12/8/2016 7:35:00 AM	34500.000	73.191	17.992
166.825	29170.715	33678.367	21.277
22901.291	34.281	1.015	14.775
12/8/2016 7:40:00 AM	34800.000	73.188	17.993
166.817	29171.371	33678.801	21.277
22901.584	34.280	1.015	14.777
12/8/2016 7:45:00 AM	35100.000	73.188	17.993
166.818	29165.441	33672.219	21.272
22897.109	34.287	1.015	14.779
12/8/2016 7:50:00 AM	35400.000	73.190	17.993
166.821	29172.600	33680.348	21.278
22902.637	34.279	1.015	14.780
12/8/2016 7:55:00 AM	35700.000	73.166	17.992
166.769	29175.182	33683.660	21.280
22904.891	34.276	1.015	14.782
12/8/2016 8:00:00 AM	36000.000	73.193	17.993
166.828	29172.857	33680.516	21.278
22902.752	34.278	1.015	14.783
12/8/2016 8:05:00 AM	36300.000	73.186	17.992
166.813	29177.398	33686.219	21.282
22906.629	34.273	1.015	14.783
12/8/2016 8:10:00 AM	36600.000	73.187	17.993
166.816	29172.840	33680.762	21.278
22902.920	34.278	1.015	14.783
12/8/2016 8:15:00 AM	36900.000	73.189	17.992
166.821	29155.652	33660.977	21.265
22889.465	34.299	1.015	14.782
12/8/2016 8:20:00 AM	37200.000	73.189	17.992
166.821	29177.990	33686.766	21.283
22907.002	34.272	1.015	14.784
12/8/2016 8:25:00 AM	37500.000	73.183	17.992
166.807	29182.303	33691.746	21.286
22910.387	34.267	1.015	14.785
12/8/2016 8:30:00 AM	37800.000	73.186	17.992
166.814	29179.395	33688.523	21.284
22908.195	34.271	1.015	14.787
12/8/2016 8:35:00 AM	38100.000	73.189	17.992
166.821	29170.309	33677.898	21.276
22900.973	34.281	1.015	14.789
12/8/2016 8:40:00 AM	38400.000	73.180	17.992
166.800	29179.293	33688.406	21.284
22908.119	34.271	1.015	14.791

12/8/2016 8:45:00 AM	38700.000	73.155	17.992
166.743	29171.158	33678.945	21.277
22901.684	34.280	1.015	14.793
12/8/2016 8:50:00 AM	39000.000	73.183	17.993
166.807	29163.594	33669.949	21.271
22895.566	34.289	1.015	14.794
12/8/2016 8:55:00 AM	39300.000	73.179	17.992
166.797	29177.027	33685.723	21.282
22906.291	34.274	1.015	14.794
12/8/2016 9:00:00 AM	39600.000	73.182	17.992
166.804	29172.713	33680.809	21.278
22902.951	34.279	1.015	14.795
12/8/2016 9:05:00 AM	39900.000	73.176	17.993
166.792	29187.119	33697.109	21.290
22914.035	34.262	1.015	14.796
12/8/2016 9:10:00 AM	40200.000	73.182	17.992
166.804	29181.912	33691.363	21.286
22910.127	34.268	1.015	14.797
12/8/2016 9:15:00 AM	40500.000	73.178	17.992
166.796	29172.102	33680.160	21.278
22902.512	34.279	1.015	14.797
12/8/2016 9:20:00 AM	40800.000	73.185	17.993
166.811	29184.463	33694.043	21.288
22911.951	34.265	1.015	14.798
12/8/2016 9:25:00 AM	41100.000	73.176	17.993
166.790	29176.836	33685.375	21.282
22906.055	34.274	1.015	14.798
12/8/2016 9:30:00 AM	41400.000	73.176	17.993
166.791	29170.227	33677.609	21.276
22900.775	34.282	1.015	14.798
12/8/2016 9:35:00 AM	41700.000	73.180	17.993
166.799	29176.031	33684.371	21.281
22905.375	34.275	1.015	14.802
12/8/2016 9:40:00 AM	42000.000	73.169	17.993
166.775	29163.838	33669.977	21.271
22895.586	34.289	1.015	14.805
12/8/2016 9:45:00 AM	42300.000	73.169	17.992
166.775	29164.531	33671.363	21.272
22896.527	34.288	1.015	14.809
12/8/2016 9:50:00 AM	42600.000	73.164	17.993
166.762	29168.787	33675.816	21.275
22899.555	34.283	1.015	14.811
12/8/2016 9:55:00 AM	42900.000	73.158	17.992
166.751	29169.617	33677.293	21.276
22900.561	34.282	1.015	14.813
12/8/2016 10:00:00 AM	43200.000	73.157	17.992
166.746	29164.943	33671.895	21.272
22896.891	34.288	1.015	14.814
12/8/2016 10:05:00 AM	43500.000	73.157	17.993
166.748	29171.922	33679.703	21.278
22902.201	34.280	1.015	14.813
12/8/2016 10:10:00 AM	43800.000	73.160	17.992
166.754	29170.557	33678.320	21.277
22901.258	34.281	1.015	14.811

12/8/2016 10:15:00 AM	44100.000	73.160	17.992
166.755	29165.338	33672.227	21.272
22897.115	34.287	1.015	14.809
12/8/2016 10:20:00 AM	44400.000	73.171	17.992
166.779	29157.813	33663.469	21.266
22891.158	34.296	1.015	14.807
12/8/2016 10:25:00 AM	44700.000	73.166	17.992
166.767	29179.242	33688.402	21.284
22908.113	34.271	1.015	14.805
12/8/2016 10:30:00 AM	45000.000	73.161	17.992
166.758	29174.672	33683.070	21.280
22904.490	34.276	1.015	14.803
12/8/2016 10:35:00 AM	45300.000	73.156	17.992
166.745	29165.166	33672.227	21.272
22897.115	34.287	1.015	14.805
12/8/2016 10:40:00 AM	45600.000	73.158	17.992
166.750	29170.908	33678.781	21.277
22901.572	34.281	1.015	14.806
12/8/2016 10:45:00 AM	45900.000	73.156	17.992
166.744	29185.053	33694.988	21.288
22912.592	34.264	1.015	14.808
12/8/2016 10:50:00 AM	46200.000	73.145	17.992
166.720	29169.418	33676.938	21.276
22900.320	34.282	1.015	14.809
12/8/2016 10:55:00 AM	46500.000	73.147	17.992
166.725	29157.611	33663.430	21.266
22891.135	34.296	1.015	14.810
12/8/2016 11:00:00 AM	46800.000	73.144	17.993
166.717	29161.832	33667.980	21.269
22894.229	34.291	1.015	14.812
12/8/2016 11:05:00 AM	47100.000	73.148	17.992
166.728	29172.160	33680.426	21.278
22902.691	34.279	1.015	14.809
12/8/2016 11:10:00 AM	47400.000	73.146	17.992
166.722	29176.238	33685.074	21.281
22905.854	34.274	1.015	14.806
12/8/2016 11:15:00 AM	47700.000	73.142	17.993
166.714	29177.684	33686.281	21.282
22906.674	34.273	1.015	14.803
12/8/2016 11:20:00 AM	48000.000	73.142	17.992
166.712	29164.082	33670.844	21.271
22896.176	34.289	1.015	14.800
12/8/2016 11:25:00 AM	48300.000	73.150	17.992
166.731	29171.813	33679.770	21.278
22902.244	34.280	1.015	14.798
12/8/2016 11:30:00 AM	48600.000	73.145	17.993
166.719	29175.223	33683.512	21.280
22904.791	34.276	1.015	14.796
12/8/2016 11:35:00 AM	48900.000	73.143	17.992
166.715	29179.674	33688.777	21.284
22908.371	34.270	1.015	14.797
12/8/2016 11:40:00 AM	49200.000	73.144	17.993
166.717	29175.627	33683.844	21.281
22905.014	34.275	1.015	14.798

12/8/2016 11:45:00 AM	49500.000	73.135	17.992
166.696	29172.518	33680.449	21.278
22902.707	34.279	1.015	14.799
12/8/2016 11:50:00 AM	49800.000	73.140	17.992
166.708	29162.631	33669.102	21.270
22894.990	34.290	1.015	14.797
12/8/2016 11:55:00 AM	50100.000	73.139	17.993
166.706	29172.967	33680.910	21.278
22903.021	34.278	1.015	14.795
12/8/2016 12:00:00 PM	50400.000	73.138	17.992
166.705	29180.695	33689.891	21.285
22909.127	34.269	1.015	14.792
12/8/2016 12:05:00 PM	50700.000	73.138	17.993
166.704	29186.830	33696.398	21.289
22913.551	34.262	1.015	14.791
12/8/2016 12:10:00 PM	51000.000	73.133	17.993
166.693	29159.422	33665.270	21.268
22892.383	34.294	1.015	14.791
12/8/2016 12:15:00 PM	51300.000	73.132	17.993
166.690	29178.135	33686.801	21.283
22907.025	34.272	1.015	14.790
12/8/2016 12:20:00 PM	51600.000	73.135	17.992
166.697	29182.707	33692.281	21.286
22910.754	34.267	1.015	14.790
12/8/2016 12:25:00 PM	51900.000	73.133	17.992
166.692	29181.301	33690.656	21.285
22909.646	34.269	1.015	14.791
12/8/2016 12:30:00 PM	52200.000	73.131	17.993
166.689	29170.955	33678.512	21.277
22901.391	34.281	1.015	14.791
12/8/2016 12:35:00 PM	52500.000	73.129	17.993
166.684	29178.893	33687.750	21.283
22907.672	34.271	1.015	14.793
12/8/2016 12:40:00 PM	52800.000	73.126	17.992
166.677	29176.691	33685.336	21.282
22906.031	34.274	1.015	14.796
12/8/2016 12:45:00 PM	53100.000	73.127	17.993
166.680	29182.691	33692.000	21.286
22910.563	34.267	1.015	14.798
12/8/2016 12:50:00 PM	53400.000	73.123	17.992
166.670	29151.852	33656.723	21.262
22886.574	34.303	1.015	14.796
12/8/2016 12:55:00 PM	53700.000	73.128	17.993
166.680	29168.746	33675.898	21.275
22899.613	34.283	1.015	14.794
12/8/2016 1:00:00 PM	54000.000	73.125	17.993
166.675	29169.709	33676.957	21.276
22900.332	34.282	1.015	14.792
12/8/2016 1:05:00 PM	54300.000	73.123	17.993
166.670	29164.947	33671.648	21.272
22896.721	34.288	1.015	14.793
12/8/2016 1:10:00 PM	54600.000	73.102	17.992
166.623	29172.611	33680.555	21.278
22902.779	34.279	1.015	14.795

12/8/2016 1:15:00 PM 54900.000 73.123 17.992
166.670 29187.514 33697.828 21.290
22914.523 34.261 1.015 14.796
12/8/2016 1:20:00 PM 55200.000 73.121 17.993
166.665 29183.244 33692.699 21.287
22911.035 34.266 1.015 14.796
12/8/2016 1:25:00 PM 55500.000 73.118 17.993
166.659 29184.105 33693.695 21.287
22911.715 34.265 1.015 14.796
12/8/2016 1:30:00 PM 55800.000 73.114 17.993
166.648 29166.646 33673.539 21.273
22898.006 34.286 1.015 14.796
12/8/2016 1:35:00 PM 56100.000 73.116 17.993
166.654 29171.109 33678.766 21.277
22901.563 34.280 1.015 14.796
12/8/2016 1:40:00 PM 56400.000 73.120 17.993
166.663 29181.205 33690.285 21.285
22909.395 34.269 1.015 14.796
12/8/2016 1:45:00 PM 56700.000 73.103 17.993
166.623 29183.006 33692.363 21.286
22910.809 34.267 1.015 14.796
12/8/2016 1:50:00 PM 57000.000 73.121 17.992
166.665 29175.881 33684.332 21.281
22905.346 34.275 1.015 14.796
12/8/2016 1:55:00 PM 57300.000 73.119 17.992
166.662 29174.521 33683.027 21.280
22904.461 34.276 1.015 14.796
12/8/2016 2:00:00 PM 57600.000 73.122 17.993
166.667 29160.465 33666.477 21.268
22893.205 34.293 1.015 14.796
12/8/2016 2:05:00 PM 57900.000 73.121 17.993
166.666 29178.443 33686.719 21.283
22906.969 34.272 1.015 14.796
12/8/2016 2:10:00 PM 58200.000 73.119 17.993
166.660 29175.215 33683.430 21.280
22904.734 34.276 1.015 14.797
12/8/2016 2:15:00 PM 58500.000 73.119 17.992
166.661 29165.736 33672.617 21.273
22897.383 34.287 1.015 14.797
12/8/2016 2:20:00 PM 58800.000 73.120 17.993
166.663 29195.279 33706.668 21.296
22920.535 34.252 1.015 14.798
12/8/2016 2:25:00 PM 59100.000 73.100 17.993
166.618 29178.938 33687.480 21.283
22907.488 34.271 1.015 14.798
12/8/2016 2:30:00 PM 59400.000 73.123 17.993
166.670 29176.139 33684.496 21.281
22905.459 34.275 1.015 14.799
12/8/2016 2:35:00 PM 59700.000 73.121 17.993
166.665 29172.768 33680.680 21.278
22902.865 34.279 1.015 14.800
12/8/2016 2:40:00 PM 60000.000 73.119 17.992
166.661 29188.514 33698.984 21.291
22915.313 34.260 1.015 14.802

12/8/2016 2:45:00 PM	60300.000	73.119	17.992
166.661	29170.660	33678.371	21.277
22901.295	34.281	1.015	14.804
12/8/2016 2:50:00 PM	60600.000	73.120	17.992
166.664	29153.438	33658.418	21.263
22887.727	34.301	1.015	14.801
12/8/2016 2:55:00 PM	60900.000	73.119	17.993
166.661	29195.471	33706.699	21.296
22920.557	34.252	1.015	14.798
12/8/2016 3:00:00 PM	61200.000	73.125	17.992
166.675	29181.859	33691.234	21.286
22910.039	34.268	1.015	14.795
12/8/2016 3:05:00 PM	61500.000	73.125	17.992
166.674	29163.271	33669.906	21.271
22895.539	34.290	1.015	14.798
12/8/2016 3:10:00 PM	61800.000	73.122	17.992
166.667	29172.053	33680.105	21.278
22902.473	34.279	1.015	14.802
12/8/2016 3:15:00 PM	62100.000	73.118	17.993
166.659	29179.029	33687.770	21.283
22907.684	34.271	1.015	14.805
12/8/2016 3:20:00 PM	62400.000	73.121	17.993
166.665	29183.588	33693.098	21.287
22911.309	34.266	1.015	14.803
12/8/2016 3:25:00 PM	62700.000	73.118	17.992
166.659	29177.203	33686.051	21.282
22906.518	34.273	1.015	14.800
12/8/2016 3:30:00 PM	63000.000	73.131	17.992
166.689	29175.223	33683.637	21.280
22904.875	34.276	1.015	14.798
12/8/2016 3:35:00 PM	63300.000	73.127	17.993
166.679	29184.111	33693.637	21.287
22911.674	34.265	1.015	14.798
12/8/2016 3:40:00 PM	63600.000	73.131	17.992
166.689	29172.248	33680.137	21.278
22902.494	34.279	1.015	14.798
12/8/2016 3:45:00 PM	63900.000	73.127	17.992
166.679	29190.188	33700.914	21.292
22916.623	34.258	1.015	14.798
12/8/2016 3:50:00 PM	64200.000	73.133	17.993
166.693	29168.354	33675.582	21.275
22899.396	34.284	1.015	14.801
12/8/2016 3:55:00 PM	64500.000	73.130	17.992
166.685	29189.539	33700.102	21.292
22916.068	34.259	1.015	14.803
12/8/2016 4:00:00 PM	64800.000	73.130	17.993
166.687	29155.098	33660.203	21.264
22888.939	34.299	1.015	14.806
12/8/2016 4:05:00 PM	65100.000	73.128	17.992
166.680	29177.174	33685.957	21.282
22906.453	34.273	1.015	14.806
12/8/2016 4:10:00 PM	65400.000	73.128	17.993
166.682	29168.877	33675.922	21.275
22899.627	34.283	1.015	14.805

12/8/2016 4:15:00 PM	65700.000	73.137	17.992
166.703	29158.205	33664.059	21.267
22891.561	34.296	1.015	14.804
12/8/2016 4:20:00 PM	66000.000	73.129	17.993
166.683	29173.469	33681.488	21.279
22903.414	34.278	1.015	14.805
12/8/2016 4:25:00 PM	66300.000	73.134	17.993
166.695	29175.072	33683.340	21.280
22904.672	34.276	1.015	14.805
12/8/2016 4:30:00 PM	66600.000	73.135	17.992
166.697	29172.730	33680.695	21.278
22902.873	34.279	1.015	14.805
12/8/2016 4:35:00 PM	66900.000	73.141	17.993
166.710	29158.307	33663.910	21.267
22891.461	34.296	1.015	14.802
12/8/2016 4:40:00 PM	67200.000	73.143	17.992
166.716	29178.027	33687.324	21.283
22907.381	34.272	1.015	14.798
12/8/2016 4:45:00 PM	67500.000	73.148	17.992
166.726	29175.693	33684.184	21.281
22905.244	34.275	1.015	14.795
12/8/2016 4:50:00 PM	67800.000	73.140	17.992
166.709	29181.002	33690.242	21.285
22909.367	34.269	1.015	14.800
12/8/2016 4:55:00 PM	68100.000	73.142	17.993
166.713	29181.117	33690.320	21.285
22909.418	34.269	1.015	14.806
12/8/2016 5:00:00 PM	68400.000	73.135	17.992
166.698	29189.859	33700.664	21.292
22916.453	34.258	1.015	14.811
12/8/2016 5:05:00 PM	68700.000	73.136	17.993
166.700	29195.168	33706.402	21.296
22920.355	34.252	1.015	14.809
12/8/2016 5:10:00 PM	69000.000	73.143	17.992
166.715	29187.117	33697.438	21.290
22914.260	34.262	1.015	14.807
12/8/2016 5:15:00 PM	69300.000	73.143	17.993
166.716	29178.727	33687.484	21.283
22907.492	34.272	1.015	14.805
12/8/2016 5:20:00 PM	69600.000	73.143	17.992
166.715	29167.494	33674.715	21.274
22898.807	34.285	1.015	14.802
12/8/2016 5:25:00 PM	69900.000	73.150	17.992
166.731	29184.111	33693.832	21.287
22911.809	34.265	1.015	14.800
12/8/2016 5:30:00 PM	70200.000	73.152	17.993
166.737	29179.158	33687.984	21.283
22907.832	34.271	1.015	14.797
12/8/2016 5:35:00 PM	70500.000	73.126	17.993
166.677	29167.854	33674.684	21.274
22898.787	34.284	1.015	14.801
12/8/2016 5:40:00 PM	70800.000	73.140	17.993
166.710	29176.885	33685.434	21.282
22906.098	34.274	1.015	14.805

12/8/2016 5:45:00 PM	71100.000	73.144	17.993
166.718	29182.797	33692.258	21.286
22910.738	34.267	1.015	14.808
12/8/2016 5:50:00 PM	71400.000	73.144	17.992
166.718	29169.893	33677.484	21.276
22900.689	34.282	1.015	14.808
12/8/2016 5:55:00 PM	71700.000	73.143	17.992
166.715	29197.000	33709.102	21.298
22922.189	34.250	1.015	14.808
12/8/2016 6:00:00 PM	72000.000	73.150	17.992
166.731	29174.740	33683.473	21.280
22904.762	34.276	1.015	14.808
12/8/2016 6:05:00 PM	72300.000	73.153	17.992
166.738	29163.127	33669.996	21.271
22895.600	34.290	1.015	14.808
12/8/2016 6:10:00 PM	72600.000	73.150	17.992
166.732	29180.541	33690.102	21.285
22909.271	34.269	1.015	14.807
12/8/2016 6:15:00 PM	72900.000	73.153	17.992
166.738	29182.453	33691.984	21.286
22910.549	34.267	1.015	14.807
12/8/2016 6:20:00 PM	73200.000	73.151	17.992
166.733	29178.428	33687.602	21.283
22907.570	34.272	1.015	14.810
12/8/2016 6:25:00 PM	73500.000	73.146	17.993
166.723	29185.781	33695.703	21.289
22913.078	34.263	1.015	14.812
12/8/2016 6:30:00 PM	73800.000	73.141	17.992
166.711	29180.297	33689.695	21.285
22908.992	34.270	1.015	14.815
12/8/2016 6:35:00 PM	74100.000	73.152	17.992
166.736	29175.678	33684.098	21.281
22905.189	34.275	1.015	14.814
12/8/2016 6:40:00 PM	74400.000	73.152	17.992
166.737	29171.559	33679.406	21.277
22901.996	34.280	1.015	14.812
12/8/2016 6:45:00 PM	74700.000	73.152	17.992
166.736	29174.977	33683.422	21.280
22904.729	34.276	1.015	14.811
12/8/2016 6:50:00 PM	75000.000	73.154	17.993
166.739	29168.389	33675.430	21.275
22899.293	34.284	1.015	14.811
12/8/2016 6:55:00 PM	75300.000	73.155	17.992
166.744	29174.727	33683.512	21.280
22904.791	34.276	1.015	14.811
12/8/2016 7:00:00 PM	75600.000	73.155	17.992
166.742	29170.164	33677.996	21.276
22901.039	34.282	1.015	14.812
12/8/2016 7:05:00 PM	75900.000	73.153	17.993
166.738	29171.953	33679.602	21.278
22902.131	34.280	1.015	14.811
12/8/2016 7:10:00 PM	76200.000	73.153	17.993
166.737	29191.449	33702.172	21.293
22917.479	34.257	1.015	14.810

12/8/2016 7:15:00 PM	76500.000	73.151	17.993
166.734	29165.631	33672.301	21.273
22897.166	34.287	1.015	14.810
12/8/2016 7:20:00 PM	76800.000	73.153	17.992
166.738	29171.258	33679.258	21.277
22901.896	34.280	1.015	14.812
12/8/2016 7:25:00 PM	77100.000	73.150	17.993
166.732	29184.910	33694.699	21.288
22912.396	34.264	1.015	14.814
12/8/2016 7:30:00 PM	77400.000	73.151	17.992
166.734	29191.480	33702.535	21.294
22917.727	34.257	1.015	14.815
12/8/2016 7:35:00 PM	77700.000	73.144	17.993
166.717	29171.902	33679.680	21.278
22902.184	34.280	1.015	14.816
12/8/2016 7:40:00 PM	78000.000	73.149	17.993
166.729	29162.820	33669.121	21.270
22895.002	34.290	1.015	14.817
12/8/2016 7:45:00 PM	78300.000	73.147	17.992
166.724	29179.645	33688.676	21.284
22908.301	34.270	1.015	14.818
12/8/2016 7:50:00 PM	78600.000	73.146	17.993
166.721	29178.732	33687.566	21.283
22907.545	34.272	1.015	14.818
12/8/2016 7:55:00 PM	78900.000	73.146	17.993
166.721	29169.189	33676.281	21.275
22899.871	34.283	1.015	14.818
12/8/2016 8:00:00 PM	79200.000	73.149	17.992
166.729	29180.707	33689.969	21.285
22909.182	34.269	1.015	14.818
12/8/2016 8:05:00 PM	79500.000	73.141	17.993
166.710	29184.910	33694.699	21.288
22912.396	34.264	1.015	14.821
12/8/2016 8:10:00 PM	79800.000	73.140	17.992
166.708	29176.965	33685.910	21.282
22906.422	34.274	1.015	14.824
12/8/2016 8:15:00 PM	80100.000	73.135	17.992
166.696	29174.350	33682.699	21.280
22904.238	34.277	1.015	14.827
12/8/2016 8:20:00 PM	80400.000	73.143	17.992
166.715	29174.172	33682.688	21.280
22904.230	34.277	1.015	14.827
12/8/2016 8:25:00 PM	80700.000	73.137	17.993
166.702	29188.529	33698.738	21.291
22915.145	34.260	1.015	14.826
12/8/2016 8:30:00 PM	81000.000	73.140	17.992
166.710	29178.289	33687.305	21.283
22907.367	34.272	1.015	14.826
12/8/2016 8:35:00 PM	81300.000	73.141	17.992
166.712	29169.959	33677.758	21.276
22900.877	34.282	1.015	14.826
12/8/2016 8:40:00 PM	81600.000	73.120	17.992
166.662	29174.566	33683.203	21.280
22904.580	34.276	1.015	14.826

12/8/2016 8:45:00 PM	81900.000	73.134	17.992
166.694	29167.539	33674.836	21.274
22898.889	34.285	1.015	14.826
12/8/2016 8:50:00 PM	82200.000	73.140	17.992
166.709	29189.180	33699.684	21.292
22915.787	34.259	1.015	14.827
12/8/2016 8:55:00 PM	82500.000	73.133	17.993
166.692	29165.943	33672.801	21.273
22897.504	34.287	1.015	14.828
12/8/2016 9:00:00 PM	82800.000	73.128	17.992
166.681	29178.748	33687.832	21.283
22907.729	34.272	1.015	14.829
12/8/2016 9:05:00 PM	83100.000	73.128	17.992
166.682	29169.748	33677.316	21.276
22900.578	34.282	1.015	14.829
12/8/2016 9:10:00 PM	83400.000	73.129	17.992
166.683	29163.363	33670.012	21.271
22895.609	34.290	1.015	14.829
12/8/2016 9:15:00 PM	83700.000	73.126	17.993
166.677	29167.783	33674.926	21.274
22898.951	34.284	1.015	14.828
12/8/2016 9:20:00 PM	84000.000	73.128	17.993
166.682	29171.406	33679.031	21.277
22901.742	34.280	1.015	14.827
12/8/2016 9:25:00 PM	84300.000	73.121	17.992
166.665	29162.010	33668.316	21.270
22894.457	34.291	1.015	14.826
12/8/2016 9:30:00 PM	84600.000	73.124	17.992
166.673	29173.465	33681.676	21.279
22903.539	34.278	1.015	14.825
12/8/2016 9:35:00 PM	84900.000	73.123	17.992
166.670	29184.510	33694.621	21.288
22912.342	34.265	1.015	14.829
12/8/2016 9:40:00 PM	85200.000	73.119	17.992
166.660	29162.768	33669.258	21.270
22895.098	34.290	1.015	14.834
12/8/2016 9:45:00 PM	85500.000	73.111	17.992
166.642	29184.465	33694.570	21.288
22912.311	34.265	1.015	14.838
12/8/2016 9:50:00 PM	85800.000	73.100	17.992
166.617	29186.557	33696.793	21.290
22913.822	34.262	1.015	14.835
12/8/2016 9:55:00 PM	86100.000	73.115	17.992
166.653	29206.502	33719.820	21.306
22929.480	34.239	1.015	14.832
12/8/2016 10:00:00 PM	86400.000	73.096	17.992
166.608	29169.031	33676.492	21.275
22900.018	34.283	1.015	14.830
12/8/2016 10:05:00 PM	86700.000	73.113	17.993
166.646	29153.395	33658.238	21.263
22887.602	34.301	1.015	14.832
12/8/2016 10:10:00 PM	87000.000	73.110	17.992
166.640	29162.525	33669.176	21.270
22895.041	34.291	1.015	14.835

12/8/2016 10:15:00 PM	87300.000	73.104	17.993
166.627	29171.848	33679.617	21.278
22902.141	34.280	1.015	14.838
12/8/2016 10:20:00 PM	87600.000	73.103	17.992
166.625	29173.459	33681.602	21.279
22903.492	34.278	1.015	14.839
12/8/2016 10:25:00 PM	87900.000	73.102	17.993
166.623	29184.465	33694.109	21.288
22911.994	34.265	1.015	14.839
12/8/2016 10:30:00 PM	88200.000	73.101	17.992
166.620	29182.490	33692.098	21.286
22910.627	34.267	1.015	14.840
12/8/2016 10:35:00 PM	88500.000	73.100	17.992
166.618	29167.738	33675.066	21.274
22899.047	34.284	1.015	14.839
12/8/2016 10:40:00 PM	88800.000	73.102	17.992
166.623	29157.451	33663.246	21.266
22891.008	34.297	1.015	14.837
12/8/2016 10:45:00 PM	89100.000	73.102	17.992
166.622	29187.088	33697.270	21.290
22914.145	34.262	1.015	14.835
12/8/2016 10:50:00 PM	89400.000	73.098	17.993
166.613	29185.002	33694.480	21.288
22912.246	34.264	1.015	14.835
12/8/2016 10:55:00 PM	89700.000	73.093	17.992
166.602	29186.475	33697.078	21.290
22914.016	34.262	1.015	14.836
12/8/2016 11:00:00 PM	90000.000	73.096	17.992
166.608	29173.912	33682.059	21.279
22903.801	34.277	1.015	14.836
12/8/2016 11:05:00 PM	90300.000	73.096	17.992
166.607	29185.662	33695.758	21.289
22913.117	34.263	1.015	14.838
12/8/2016 11:10:00 PM	90600.000	73.091	17.993
166.598	29178.377	33687.156	21.283
22907.268	34.272	1.015	14.839
12/8/2016 11:15:00 PM	90900.000	73.086	17.992
166.586	29186.037	33696.387	21.289
22913.543	34.263	1.015	14.841
12/8/2016 11:20:00 PM	91200.000	73.089	17.992
166.593	29180.797	33690.395	21.285
22909.469	34.269	1.015	14.840
12/8/2016 11:25:00 PM	91500.000	73.084	17.992
166.581	29192.096	33703.316	21.294
22918.256	34.256	1.015	14.838
12/8/2016 11:30:00 PM	91800.000	73.087	17.992
166.589	29162.676	33669.477	21.271
22895.244	34.290	1.015	14.837
12/8/2016 11:35:00 PM	92100.000	73.082	17.992
166.576	29191.332	33702.434	21.293
22917.656	34.257	1.015	14.837
12/8/2016 11:40:00 PM	92400.000	73.088	17.992
166.590	29174.221	33682.414	21.280
22904.041	34.277	1.015	14.837

12/8/2016 11:45:00 PM	92700.000	73.082	17.993
166.577	29175.170	33683.453	21.280
22904.748	34.276	1.015	14.836
12/8/2016 11:50:00 PM	93000.000	73.085	17.992
166.584	29172.305	33680.270	21.278
22902.586	34.279	1.015	14.836
12/8/2016 11:55:00 PM	93300.000	73.087	17.992
166.587	29188.832	33699.285	21.291
22915.514	34.260	1.015	14.835
12/9/2016 12:00:00 AM	93600.000	73.060	17.993
166.526	29183.598	33693.109	21.287
22911.316	34.266	1.015	14.835
12/9/2016 12:05:00 AM	93900.000	73.080	17.992
166.572	29192.533	33703.559	21.294
22918.420	34.255	1.015	14.836
12/9/2016 12:10:00 AM	94200.000	73.077	17.992
166.566	29176.422	33685.285	21.282
22905.994	34.274	1.015	14.838
12/9/2016 12:15:00 AM	94500.000	73.079	17.992
166.569	29170.654	33678.297	21.277
22901.244	34.281	1.015	14.840
12/9/2016 12:20:00 AM	94800.000	73.062	17.992
166.531	29171.764	33679.969	21.278
22902.381	34.280	1.015	14.837
12/9/2016 12:25:00 AM	95100.000	73.086	17.992
166.585	29175.840	33684.352	21.281
22905.361	34.275	1.015	14.834
12/9/2016 12:30:00 AM	95400.000	73.086	17.992
166.586	29161.820	33668.289	21.270
22894.438	34.291	1.015	14.831
12/9/2016 12:35:00 AM	95700.000	73.078	17.992
166.568	29181.439	33691.078	21.286
22909.936	34.268	1.015	14.833
12/9/2016 12:40:00 AM	96000.000	73.076	17.992
166.563	29179.135	33688.281	21.284
22908.031	34.271	1.015	14.834
12/9/2016 12:45:00 AM	96300.000	73.080	17.992
166.571	29159.973	33666.422	21.268
22893.170	34.294	1.015	14.836
12/9/2016 12:50:00 AM	96600.000	73.078	17.992
166.567	29175.775	33684.402	21.281
22905.395	34.275	1.015	14.836
12/9/2016 12:55:00 AM	96900.000	73.079	17.992
166.569	29183.445	33693.199	21.287
22911.377	34.266	1.015	14.837
12/9/2016 1:00:00 AM	97200.000	73.078	17.992
166.566	29180.627	33689.945	21.285
22909.162	34.269	1.015	14.838
12/9/2016 1:05:00 AM	97500.000	73.075	17.992
166.560	29184.066	33693.848	21.287
22911.818	34.265	1.015	14.838
12/9/2016 1:10:00 AM	97800.000	73.074	17.992
166.559	29182.207	33691.898	21.286
22910.492	34.267	1.015	14.839

12/9/2016 1:15:00 AM	98100.000	73.079	17.992
166.569	29173.256	33681.301	21.279
22903.285	34.278	1.015	14.839
12/9/2016 1:20:00 AM	98400.000	73.078	17.992
166.568	29180.352	33689.559	21.284
22908.900	34.270	1.015	14.839
12/9/2016 1:25:00 AM	98700.000	73.077	17.992
166.566	29174.770	33683.047	21.280
22904.475	34.276	1.015	14.839
12/9/2016 1:30:00 AM	99000.000	73.078	17.992
166.568	29183.355	33693.027	21.287
22911.260	34.266	1.015	14.839
12/9/2016 1:35:00 AM	99300.000	73.076	17.992
166.564	29169.844	33677.430	21.276
22900.654	34.282	1.015	14.840
12/9/2016 1:40:00 AM	99600.000	73.077	17.992
166.564	29169.057	33676.910	21.276
22900.299	34.283	1.015	14.841
12/9/2016 1:45:00 AM	99900.000	73.075	17.992
166.560	29181.059	33690.309	21.285
22909.410	34.269	1.015	14.842
12/9/2016 1:50:00 AM	100200.000	73.075	17.992
166.561	29163.822	33670.867	21.271
22896.191	34.289	1.015	14.842
12/9/2016 1:55:00 AM	100500.000	73.075	17.992
166.560	29183.607	33693.250	21.287
22911.412	34.266	1.015	14.843
12/9/2016 2:00:00 AM	100800.000	73.078	17.992
166.568	29171.449	33679.281	21.277
22901.912	34.280	1.015	14.843
12/9/2016 2:05:00 AM	101100.000	73.077	17.993
166.564	29173.758	33681.820	21.279
22903.639	34.277	1.015	14.842
12/9/2016 2:10:00 AM	101400.000	73.084	17.992
166.581	29186.959	33697.313	21.290
22914.174	34.262	1.015	14.841
12/9/2016 2:15:00 AM	101700.000	73.088	17.992
166.590	29176.877	33685.809	21.282
22906.352	34.274	1.015	14.839
12/9/2016 2:20:00 AM	102000.000	73.092	17.992
166.599	29176.221	33685.113	21.281
22905.879	34.274	1.015	14.839
12/9/2016 2:25:00 AM	102300.000	73.087	17.992
166.587	29181.498	33690.883	21.285
22909.801	34.268	1.015	14.838
12/9/2016 2:30:00 AM	102600.000	73.072	17.993
166.554	29192.480	33703.438	21.294
22918.338	34.255	1.015	14.837
12/9/2016 2:35:00 AM	102900.000	73.077	17.992
166.565	29183.002	33692.746	21.287
22911.070	34.267	1.015	14.837
12/9/2016 2:40:00 AM	103200.000	73.071	17.992
166.551	29183.109	33693.066	21.287
22911.285	34.266	1.015	14.837

12/9/2016 2:45:00 AM	103500.000	73.091	17.992
166.596	29167.188	33674.625	21.274
22898.746	34.285	1.015	14.837
12/9/2016 2:50:00 AM	103800.000	73.100	17.992
166.618	29189.578	33700.211	21.292
22916.145	34.259	1.015	14.836
12/9/2016 2:55:00 AM	104100.000	73.096	17.992
166.609	29172.154	33680.098	21.278
22902.467	34.279	1.015	14.834
12/9/2016 3:00:00 AM	104400.000	73.105	17.992
166.628	29174.490	33682.727	21.280
22904.256	34.277	1.015	14.833
12/9/2016 3:05:00 AM	104700.000	73.107	17.992
166.635	29165.590	33672.516	21.273
22897.313	34.287	1.015	14.832
12/9/2016 3:10:00 AM	105000.000	73.112	17.992
166.645	29164.785	33671.656	21.272
22896.729	34.288	1.015	14.830
12/9/2016 3:15:00 AM	105300.000	73.113	17.992
166.647	29173.068	33681.219	21.279
22903.229	34.278	1.015	14.828
12/9/2016 3:20:00 AM	105600.000	73.119	17.992
166.660	29181.301	33690.852	21.285
22909.781	34.269	1.015	14.830
12/9/2016 3:25:00 AM	105900.000	73.113	17.992
166.648	29187.428	33697.855	21.290
22914.541	34.261	1.015	14.832
12/9/2016 3:30:00 AM	106200.000	73.116	17.992
166.654	29156.693	33662.566	21.266
22890.547	34.297	1.015	14.834
12/9/2016 3:35:00 AM	106500.000	73.118	17.992
166.658	29180.986	33690.613	21.285
22909.619	34.269	1.015	14.833
12/9/2016 3:40:00 AM	106800.000	73.127	17.992
166.678	29185.420	33695.344	21.289
22912.834	34.264	1.015	14.833
12/9/2016 3:45:00 AM	107100.000	73.127	17.993
166.679	29164.734	33671.211	21.272
22896.426	34.288	1.015	14.832
12/9/2016 3:50:00 AM	107400.000	73.113	17.992
166.647	29164.174	33670.816	21.271
22896.158	34.289	1.015	14.831
12/9/2016 3:55:00 AM	107700.000	73.135	17.992
166.697	29172.463	33680.844	21.278
22902.975	34.279	1.015	14.831
12/9/2016 4:00:00 AM	108000.000	73.134	17.992
166.695	29170.055	33677.738	21.276
22900.861	34.282	1.015	14.830
12/9/2016 4:05:00 AM	108300.000	73.139	17.992
166.706	29186.477	33696.895	21.290
22913.889	34.262	1.015	14.832
12/9/2016 4:10:00 AM	108600.000	73.138	17.993
166.704	29169.098	33676.367	21.275
22899.932	34.283	1.015	14.834

12/9/2016 4:15:00 AM	108900.000	73.138	17.992
166.705	29174.379	33682.730	21.280
22904.258	34.277	1.015	14.836
12/9/2016 4:20:00 AM	109200.000	73.138	17.992
166.705	29163.063	33669.723	21.271
22895.412	34.290	1.015	14.835
12/9/2016 4:25:00 AM	109500.000	73.147	17.992
166.724	29174.828	33683.629	21.280
22904.869	34.276	1.015	14.834
12/9/2016 4:30:00 AM	109800.000	73.146	17.992
166.723	29187.916	33698.359	21.291
22914.887	34.261	1.015	14.832
12/9/2016 4:35:00 AM	110100.000	73.156	17.992
166.744	29176.836	33685.500	21.282
22906.141	34.274	1.015	14.834
12/9/2016 4:40:00 AM	110400.000	73.157	17.992
166.748	29182.854	33692.449	21.287
22910.865	34.267	1.015	14.835
12/9/2016 4:45:00 AM	110700.000	73.157	17.992
166.748	29175.521	33684.375	21.281
22905.377	34.275	1.015	14.837
12/9/2016 4:50:00 AM	111000.000	73.161	17.992
166.756	29180.947	33690.770	21.285
22909.723	34.269	1.015	14.835
12/9/2016 4:55:00 AM	111300.000	73.165	17.992
166.765	29175.326	33684.082	21.281
22905.176	34.276	1.015	14.834
12/9/2016 5:00:00 AM	111600.000	73.172	17.992
166.781	29170.758	33678.551	21.277
22901.414	34.281	1.015	14.832
12/9/2016 5:05:00 AM	111900.000	73.171	17.992
166.780	29182.236	33692.258	21.286
22910.738	34.267	1.015	14.833
12/9/2016 5:10:00 AM	112200.000	73.179	17.992
166.797	29177.648	33686.438	21.282
22906.779	34.273	1.015	14.833
12/9/2016 5:15:00 AM	112500.000	73.171	17.992
166.779	29179.732	33689.293	21.284
22908.721	34.270	1.015	14.833
12/9/2016 5:20:00 AM	112800.000	73.176	17.992
166.791	29170.193	33678.414	21.277
22901.324	34.282	1.015	14.834
12/9/2016 5:25:00 AM	113100.000	73.189	17.993
166.820	29182.561	33691.984	21.286
22910.549	34.267	1.015	14.834
12/9/2016 5:30:00 AM	113400.000	73.182	17.992
166.805	29155.053	33660.742	21.264
22889.305	34.299	1.015	14.834
12/9/2016 5:35:00 AM	113700.000	73.186	17.992
166.813	29192.744	33704.258	21.295
22918.898	34.255	1.015	14.836
12/9/2016 5:40:00 AM	114000.000	73.186	17.992
166.813	29185.805	33695.789	21.289
22913.137	34.263	1.015	14.838

12/9/2016 5:45:00 AM	114300.000	73.170	17.992
166.776	29178.736	33687.629	21.283
22907.590	34.272	1.015	14.840
12/9/2016 5:50:00 AM	114600.000	73.189	17.992
166.821	29191.543	33702.871	21.294
22917.953	34.256	1.015	14.840
12/9/2016 5:55:00 AM	114900.000	73.196	17.992
166.837	29183.209	33692.793	21.287
22911.100	34.266	1.015	14.841
12/9/2016 6:00:00 AM	115200.000	73.194	17.992
166.831	29180.576	33689.754	21.285
22909.035	34.269	1.015	14.841
12/9/2016 6:05:00 AM	115500.000	73.198	17.991
166.841	29191.145	33702.734	21.294
22917.859	34.257	1.015	14.842
12/9/2016 6:10:00 AM	115800.000	73.204	17.992
166.854	29192.893	33704.105	21.295
22918.793	34.255	1.015	14.843
12/9/2016 6:15:00 AM	116100.000	73.208	17.993
166.863	29170.502	33678.063	21.277
22901.082	34.281	1.015	14.844
12/9/2016 6:20:00 AM	116400.000	73.207	17.992
166.860	29167.850	33675.449	21.275
22899.307	34.284	1.015	14.846
12/9/2016 6:25:00 AM	116700.000	73.202	17.992
166.849	29173.168	33681.590	21.279
22903.482	34.278	1.015	14.847
12/9/2016 6:30:00 AM	117000.000	73.205	17.992
166.857	29191.053	33701.848	21.293
22917.258	34.257	1.015	14.848
12/9/2016 6:35:00 AM	117300.000	73.207	17.992
166.861	29171.193	33679.379	21.277
22901.979	34.280	1.015	14.847
12/9/2016 6:40:00 AM	117600.000	73.210	17.992
166.867	29189.137	33700.094	21.292
22916.064	34.259	1.015	14.846
12/9/2016 6:45:00 AM	117900.000	73.215	17.992
166.879	29182.352	33691.801	21.286
22910.426	34.267	1.015	14.845
12/9/2016 6:50:00 AM	118200.000	73.216	17.992
166.883	29180.348	33689.816	21.285
22909.076	34.270	1.015	14.843
12/9/2016 6:55:00 AM	118500.000	73.220	17.992
166.892	29176.129	33684.945	21.281
22905.766	34.275	1.015	14.842
12/9/2016 7:00:00 AM	118800.000	73.220	17.992
166.891	29172.553	33680.680	21.278
22902.865	34.279	1.015	14.840
12/9/2016 7:05:00 AM	119100.000	73.225	17.992
166.902	29173.111	33681.594	21.279
22903.486	34.278	1.015	14.839
12/9/2016 7:10:00 AM	119400.000	73.222	17.992
166.896	29178.986	33688.109	21.283
22907.916	34.271	1.015	14.839

12/9/2016 7:15:00 AM	119700.000	73.220	17.992
166.891	29181.197	33690.734	21.285
22909.701	34.269	1.015	14.838
12/9/2016 7:20:00 AM	120000.000	73.226	17.993
166.904	29182.406	33691.809	21.286
22910.432	34.267	1.015	14.840
12/9/2016 7:25:00 AM	120300.000	73.203	17.992
166.852	29175.705	33684.457	21.281
22905.434	34.275	1.015	14.842
12/9/2016 7:30:00 AM	120600.000	73.222	17.992
166.895	29160.727	33667.027	21.269
22893.580	34.293	1.015	14.843
12/9/2016 7:35:00 AM	120900.000	73.224	17.993
166.901	29176.508	33684.922	21.281
22905.748	34.274	1.015	14.846
12/9/2016 7:40:00 AM	121200.000	73.221	17.992
166.894	29160.967	33667.570	21.269
22893.947	34.292	1.015	14.848
12/9/2016 7:45:00 AM	121500.000	73.207	17.992
166.860	29184.818	33695.039	21.288
22912.629	34.264	1.015	14.850
12/9/2016 7:50:00 AM	121800.000	73.225	17.993
166.901	29177.176	33685.633	21.282
22906.230	34.273	1.015	14.851
12/9/2016 7:55:00 AM	122100.000	73.222	17.992
166.895	29171.459	33679.359	21.277
22901.967	34.280	1.015	14.852
12/9/2016 8:00:00 AM	122400.000	73.220	17.992
166.890	29172.406	33680.512	21.278
22902.750	34.279	1.015	14.853
12/9/2016 8:05:00 AM	122700.000	73.219	17.992
166.890	29185.660	33695.758	21.289
22913.117	34.263	1.015	14.855
12/9/2016 8:10:00 AM	123000.000	73.218	17.992
166.887	29186.416	33696.883	21.290
22913.881	34.263	1.015	14.858
12/9/2016 8:15:00 AM	123300.000	73.205	17.992
166.857	29186.998	33697.430	21.290
22914.254	34.262	1.015	14.860
12/9/2016 8:20:00 AM	123600.000	73.222	17.992
166.896	29175.016	33683.523	21.280
22904.799	34.276	1.015	14.857
12/9/2016 8:25:00 AM	123900.000	73.225	17.992
166.902	29177.197	33686.504	21.282
22906.824	34.273	1.015	14.853
12/9/2016 8:30:00 AM	124200.000	73.226	17.992
166.905	29172.457	33680.707	21.278
22902.881	34.279	1.015	14.850
12/9/2016 8:35:00 AM	124500.000	73.229	17.992
166.911	29179.879	33689.141	21.284
22908.617	34.270	1.015	14.851
12/9/2016 8:40:00 AM	124800.000	73.227	17.992
166.907	29188.424	33699.004	21.291
22915.324	34.260	1.015	14.851

12/9/2016 8:45:00 AM	125100.000	73.231	17.992
166.915	29173.553	33681.836	21.279
22903.650	34.278	1.015	14.852
12/9/2016 8:50:00 AM	125400.000	73.228	17.992
166.909	29151.977	33657.246	21.262
22886.928	34.303	1.015	14.854
12/9/2016 8:55:00 AM	125700.000	73.223	17.992
166.897	29174.766	33683.234	21.280
22904.600	34.276	1.015	14.856
12/9/2016 9:00:00 AM	126000.000	73.224	17.992
166.900	29191.031	33702.152	21.293
22917.463	34.257	1.015	14.859
12/9/2016 9:05:00 AM	126300.000	73.223	17.992
166.899	29186.270	33696.391	21.289
22913.545	34.263	1.015	14.859
12/9/2016 9:10:00 AM	126600.000	73.224	17.992
166.899	29175.949	33684.602	21.281
22905.531	34.275	1.015	14.859
12/9/2016 9:15:00 AM	126900.000	73.223	17.992
166.897	29183.221	33692.941	21.287
22911.201	34.266	1.015	14.860
12/9/2016 9:20:00 AM	127200.000	73.223	17.993
166.897	29170.896	33678.445	21.277
22901.344	34.281	1.015	14.860
12/9/2016 9:25:00 AM	127500.000	73.216	17.992
166.881	29182.943	33693.000	21.287
22911.242	34.267	1.015	14.861
12/9/2016 9:30:00 AM	127800.000	73.201	17.992
166.848	29164.523	33671.547	21.272
22896.654	34.288	1.015	14.862
12/9/2016 9:35:00 AM	128100.000	73.215	17.992
166.879	29169.189	33676.996	21.276
22900.357	34.283	1.015	14.862
12/9/2016 9:40:00 AM	128400.000	73.217	17.992
166.883	29190.322	33701.137	21.293
22916.775	34.258	1.015	14.861
12/9/2016 9:45:00 AM	128700.000	73.198	17.992
166.841	29175.926	33684.516	21.281
22905.473	34.275	1.015	14.861
12/9/2016 9:50:00 AM	129000.000	73.215	17.992
166.879	29180.752	33690.344	21.285
22909.436	34.269	1.015	14.861
12/9/2016 9:55:00 AM	129300.000	73.218	17.992
166.885	29184.910	33695.020	21.288
22912.615	34.264	1.015	14.861
12/9/2016 10:00:00 AM	129600.000	73.214	17.992
166.878	29173.582	33681.871	21.279
22903.674	34.278	1.015	14.861
12/9/2016 10:05:00 AM	129900.000	73.213	17.992
166.875	29174.039	33682.719	21.280
22904.250	34.277	1.015	14.862
12/9/2016 10:10:00 AM	130200.000	73.211	17.992
166.870	29162.422	33669.180	21.270
22895.045	34.291	1.015	14.863

12/9/2016 10:15:00 AM	130500.000	73.207	17.992
166.862	29171.459	33679.742	21.278
22902.225	34.280	1.015	14.865
12/9/2016 10:20:00 AM	130800.000	73.203	17.992
166.852	29180.041	33689.270	21.284
22908.705	34.270	1.015	14.865
12/9/2016 10:25:00 AM	131100.000	73.202	17.992
166.851	29174.424	33682.715	21.280
22904.248	34.277	1.015	14.866
12/9/2016 10:30:00 AM	131400.000	73.197	17.992
166.839	29192.045	33703.129	21.294
22918.129	34.256	1.015	14.866
12/9/2016 10:35:00 AM	131700.000	73.196	17.992
166.837	29174.805	33683.418	21.280
22904.727	34.276	1.015	14.868
12/9/2016 10:40:00 AM	132000.000	73.193	17.992
166.829	29188.777	33699.414	21.291
22915.602	34.260	1.015	14.869
12/9/2016 10:45:00 AM	132300.000	73.191	17.992
166.826	29194.906	33706.625	21.296
22920.508	34.253	1.015	14.871
12/9/2016 10:50:00 AM	132600.000	73.186	17.992
166.812	29179.289	33688.656	21.284
22908.289	34.271	1.015	14.870
12/9/2016 10:55:00 AM	132900.000	73.188	17.992
166.819	29183.297	33693.156	21.287
22911.346	34.266	1.015	14.869
12/9/2016 11:00:00 AM	133200.000	73.183	17.992
166.806	29171.711	33679.586	21.278
22902.121	34.280	1.015	14.868
12/9/2016 11:05:00 AM	133500.000	73.182	17.992
166.805	29190.455	33701.422	21.293
22916.967	34.258	1.015	14.866
12/9/2016 11:10:00 AM	133800.000	73.180	17.992
166.800	29177.066	33685.965	21.282
22906.457	34.273	1.015	14.864
12/9/2016 11:15:00 AM	134100.000	73.185	17.992
166.810	29176.342	33684.863	21.281
22905.709	34.274	1.015	14.862
12/9/2016 11:20:00 AM	134400.000	73.176	17.992
166.790	29183.553	33693.383	21.287
22911.500	34.266	1.015	14.863
12/9/2016 11:25:00 AM	134700.000	73.176	17.992
166.791	29177.678	33686.734	21.283
22906.982	34.273	1.015	14.864
12/9/2016 11:30:00 AM	135000.000	73.174	17.992
166.786	29169.457	33677.375	21.276
22900.615	34.282	1.015	14.865
12/9/2016 11:35:00 AM	135300.000	73.176	17.993
166.790	29173.416	33681.234	21.279
22903.242	34.278	1.015	14.861
12/9/2016 11:40:00 AM	135600.000	73.176	17.992
166.791	29168.496	33676.133	21.275
22899.773	34.284	1.015	14.857

12/9/2016 11:45:00 AM	135900.000	73.174	17.992
166.787	29162.916	33669.496	21.271
22895.258	34.290	1.015	14.853
12/9/2016 11:50:00 AM	136200.000	73.171	17.992
166.778	29170.666	33678.574	21.277
22901.432	34.281	1.015	14.850
12/9/2016 11:55:00 AM	136500.000	73.166	17.992
166.768	29191.150	33702.027	21.293
22917.379	34.257	1.015	14.848
12/9/2016 12:00:00 PM	136800.000	73.169	17.993
166.775	29184.855	33694.633	21.288
22912.352	34.264	1.015	14.845
12/9/2016 12:05:00 PM	137100.000	73.163	17.992
166.762	29191.986	33702.992	21.294
22918.035	34.256	1.015	14.844
12/9/2016 12:10:00 PM	137400.000	73.161	17.993
166.758	29194.545	33705.746	21.296
22919.908	34.253	1.015	14.844
12/9/2016 12:15:00 PM	137700.000	73.164	17.992
166.763	29164.580	33671.477	21.272
22896.605	34.288	1.015	14.843
12/9/2016 12:20:00 PM	138000.000	73.163	17.992
166.762	29175.275	33684.020	21.281
22905.135	34.276	1.015	14.841
12/9/2016 12:25:00 PM	138300.000	73.159	17.992
166.751	29188.631	33699.242	21.291
22915.486	34.260	1.015	14.839
12/9/2016 12:30:00 PM	138600.000	73.139	17.992
166.707	29176.209	33684.973	21.281
22905.783	34.275	1.015	14.837
12/9/2016 12:35:00 PM	138900.000	73.157	17.992
166.747	29179.150	33688.434	21.284
22908.137	34.271	1.015	14.834
12/9/2016 12:40:00 PM	139200.000	73.152	17.992
166.736	29172.961	33681.223	21.279
22903.232	34.278	1.015	14.832
12/9/2016 12:45:00 PM	139500.000	73.152	17.992
166.737	29182.912	33692.641	21.287
22910.998	34.267	1.015	14.830
12/9/2016 12:50:00 PM	139800.000	73.152	17.992
166.735	29179.059	33688.066	21.283
22907.887	34.271	1.015	14.830
12/9/2016 12:55:00 PM	140100.000	73.150	17.993
166.732	29182.543	33691.641	21.286
22910.318	34.267	1.015	14.831
12/9/2016 1:00:00 PM	140400.000	73.141	17.992
166.712	29185.787	33695.961	21.289
22913.256	34.263	1.015	14.832
12/9/2016 1:05:00 PM	140700.000	73.146	17.992
166.722	29166.094	33673.098	21.273
22897.709	34.286	1.015	14.830
12/9/2016 1:10:00 PM	141000.000	73.143	17.992
166.716	29180.701	33689.895	21.285
22909.131	34.269	1.015	14.828

12/9/2016 1:15:00 PM	141300.000	73.141	17.992
166.711	29178.271	33687.227	21.283
22907.316	34.272	1.015	14.826
12/9/2016 1:20:00 PM	141600.000	73.143	17.992
166.715	29179.381	33688.887	21.284
22908.445	34.271	1.015	14.825
12/9/2016 1:25:00 PM	141900.000	73.138	17.992
166.704	29174.723	33683.258	21.280
22904.615	34.276	1.015	14.823
12/9/2016 1:30:00 PM	142200.000	73.142	17.992
166.712	29173.494	33681.770	21.279
22903.605	34.278	1.015	14.822
12/9/2016 1:35:00 PM	142500.000	73.132	17.992
166.691	29183.943	33693.902	21.288
22911.854	34.265	1.015	14.827
12/9/2016 1:40:00 PM	142800.000	73.128	17.992
166.681	29175.027	33683.480	21.280
22904.768	34.276	1.015	14.831
12/9/2016 1:45:00 PM	143100.000	73.120	17.992
166.662	29180.287	33689.484	21.284
22908.852	34.270	1.015	14.836
12/9/2016 1:50:00 PM	143400.000	73.126	17.992
166.678	29170.055	33677.605	21.276
22900.771	34.282	1.015	14.832
12/9/2016 1:55:00 PM	143700.000	73.125	17.992
166.674	29165.725	33672.738	21.273
22897.465	34.287	1.015	14.829
12/9/2016 2:00:00 PM	144000.000	73.126	17.992
166.677	29173.707	33682.086	21.279
22903.820	34.277	1.015	14.826
12/9/2016 2:05:00 PM	144300.000	73.127	17.992
166.678	29182.004	33691.469	21.286
22910.199	34.268	1.015	14.826
12/9/2016 2:10:00 PM	144600.000	73.126	17.992
166.677	29184.713	33694.664	21.288
22912.373	34.265	1.015	14.826
12/9/2016 2:15:00 PM	144900.000	73.122	17.992
166.667	29160.723	33667.219	21.269
22893.709	34.293	1.015	14.826
12/9/2016 2:20:00 PM	145200.000	73.124	17.992
166.673	29179.109	33688.191	21.284
22907.973	34.271	1.015	14.823
12/9/2016 2:25:00 PM	145500.000	73.125	17.992
166.674	29176.113	33684.863	21.281
22905.709	34.275	1.015	14.820
12/9/2016 2:30:00 PM	145800.000	73.123	17.992
166.671	29188.242	33698.867	21.291
22915.232	34.260	1.015	14.817
12/9/2016 2:35:00 PM	146100.000	73.122	17.992
166.668	29174.451	33682.945	21.280
22904.404	34.277	1.015	14.819
12/9/2016 2:40:00 PM	146400.000	73.118	17.992
166.658	29189.549	33700.180	21.292
22916.125	34.259	1.015	14.821

12/9/2016 2:45:00 PM	146700.000	73.118	17.992
166.659	29179.344	33688.465	21.284
22908.158	34.271	1.015	14.823
12/9/2016 2:50:00 PM	147000.000	73.114	17.992
166.650	29187.568	33698.215	21.290
22914.787	34.261	1.015	14.824
12/9/2016 2:55:00 PM	147300.000	73.119	17.992
166.661	29172.963	33681.156	21.279
22903.188	34.278	1.015	14.825
12/9/2016 3:00:00 PM	147600.000	73.114	17.992
166.649	29184.268	33694.082	21.288
22911.979	34.265	1.015	14.825
12/9/2016 3:05:00 PM	147900.000	73.117	17.993
166.657	29182.146	33691.371	21.286
22910.133	34.268	1.015	14.824
12/9/2016 3:10:00 PM	148200.000	73.118	17.992
166.659	29182.650	33692.340	21.286
22910.791	34.267	1.015	14.823
12/9/2016 3:15:00 PM	148500.000	73.115	17.992
166.652	29178.926	33688.234	21.284
22908.000	34.271	1.015	14.823
12/9/2016 3:20:00 PM	148800.000	73.116	17.992
166.653	29184.002	33693.898	21.288
22911.852	34.265	1.015	14.822
12/9/2016 3:25:00 PM	149100.000	73.117	17.992
166.657	29179.191	33688.543	21.284
22908.211	34.271	1.015	14.822
12/9/2016 3:30:00 PM	149400.000	73.121	17.992
166.666	29171.549	33679.660	21.278
22902.170	34.280	1.015	14.822
12/9/2016 3:35:00 PM	149700.000	73.117	17.993
166.656	29194.008	33705.125	21.295
22919.484	34.254	1.015	14.823
12/9/2016 3:40:00 PM	150000.000	73.114	17.992
166.650	29178.787	33687.754	21.283
22907.674	34.271	1.015	14.825
12/9/2016 3:45:00 PM	150300.000	73.118	17.992
166.658	29177.703	33686.570	21.282
22906.867	34.273	1.015	14.827
12/9/2016 3:50:00 PM	150600.000	73.116	17.992
166.655	29184.975	33695.094	21.288
22912.664	34.264	1.015	14.825
12/9/2016 3:55:00 PM	150900.000	73.116	17.992
166.654	29167.982	33675.727	21.275
22899.496	34.284	1.015	14.823
12/9/2016 4:00:00 PM	151200.000	73.122	17.992
166.667	29189.373	33700.102	21.292
22916.068	34.259	1.015	14.822
12/9/2016 4:05:00 PM	151500.000	73.122	17.992
166.667	29183.695	33693.742	21.287
22911.744	34.266	1.015	14.820
12/9/2016 4:10:00 PM	151800.000	73.125	17.992
166.673	29174.363	33682.645	21.280
22904.199	34.277	1.015	14.818

12/9/2016 4:15:00 PM	152100.000	73.128	17.992
166.682	29191.209	33702.219	21.293
22917.512	34.257	1.015	14.816
12/9/2016 4:20:00 PM	152400.000	73.126	17.992
166.676	29171.459	33679.816	21.278
22902.277	34.280	1.015	14.817
12/9/2016 4:25:00 PM	152700.000	73.128	17.992
166.681	29181.549	33691.141	21.286
22909.977	34.268	1.015	14.817
12/9/2016 4:30:00 PM	153000.000	73.128	17.992
166.681	29177.828	33686.578	21.282
22906.873	34.273	1.015	14.817
12/9/2016 4:35:00 PM	153300.000	73.126	17.992
166.676	29182.445	33692.500	21.287
22910.902	34.267	1.015	14.818
12/9/2016 4:40:00 PM	153600.000	73.129	17.992
166.684	29183.055	33692.879	21.287
22911.160	34.266	1.015	14.819
12/9/2016 4:45:00 PM	153900.000	73.129	17.992
166.683	29183.645	33693.625	21.287
22911.666	34.266	1.015	14.819
12/9/2016 4:50:00 PM	154200.000	73.138	17.993
166.703	29177.375	33686.000	21.282
22906.480	34.273	1.015	14.818
12/9/2016 4:55:00 PM	154500.000	73.131	17.993
166.687	29172.354	33680.008	21.278
22902.406	34.279	1.015	14.816
12/9/2016 5:00:00 PM	154800.000	73.113	17.992
166.647	29185.111	33695.180	21.288
22912.723	34.264	1.015	14.814
12/9/2016 5:05:00 PM	155100.000	73.134	17.992
166.694	29181.180	33690.715	21.285
22909.688	34.269	1.015	14.815
12/9/2016 5:10:00 PM	155400.000	73.136	17.992
166.699	29183.510	33693.207	21.287
22911.383	34.266	1.015	14.815
12/9/2016 5:15:00 PM	155700.000	73.134	17.992
166.695	29186.141	33696.637	21.289
22913.713	34.263	1.015	14.815
12/9/2016 5:20:00 PM	156000.000	73.135	17.992
166.696	29186.621	33697.191	21.290
22914.092	34.262	1.015	14.818
12/9/2016 5:25:00 PM	156300.000	73.136	17.992
166.698	29174.967	33683.664	21.280
22904.895	34.276	1.015	14.820
12/9/2016 5:30:00 PM	156600.000	73.139	17.992
166.706	29174.717	33683.445	21.280
22904.744	34.276	1.015	14.822
12/9/2016 5:35:00 PM	156900.000	73.142	17.992
166.712	29174.801	33683.152	21.280
22904.545	34.276	1.015	14.820
12/9/2016 5:40:00 PM	157200.000	73.144	17.992
166.718	29179.945	33689.156	21.284
22908.629	34.270	1.015	14.818

12/9/2016 5:45:00 PM	157500.000	73.146	17.992
166.723	29177.283	33686.410	21.282
22906.762	34.273	1.015	14.815
12/9/2016 5:50:00 PM	157800.000	73.147	17.992
166.724	29168.287	33676.152	21.275
22899.783	34.284	1.015	14.815
12/9/2016 5:55:00 PM	158100.000	73.148	17.992
166.728	29191.527	33702.395	21.293
22917.629	34.257	1.015	14.815
12/9/2016 6:00:00 PM	158400.000	73.153	17.992
166.737	29189.020	33699.691	21.292
22915.793	34.259	1.015	14.815
12/9/2016 6:05:00 PM	158700.000	73.148	17.993
166.726	29169.533	33676.871	21.276
22900.273	34.282	1.015	14.816
12/9/2016 6:10:00 PM	159000.000	73.150	17.992
166.731	29169.891	33677.680	21.276
22900.824	34.282	1.015	14.817
12/9/2016 6:15:00 PM	159300.000	73.152	17.992
166.737	29173.051	33681.328	21.279
22903.303	34.278	1.015	14.818
12/9/2016 6:20:00 PM	159600.000	73.151	17.993
166.733	29192.588	33703.488	21.294
22918.375	34.255	1.015	14.819
12/9/2016 6:25:00 PM	159900.000	73.150	17.992
166.732	29181.203	33690.738	21.285
22909.705	34.269	1.015	14.819
12/9/2016 6:30:00 PM	160200.000	73.153	17.992
166.739	29177.162	33686.074	21.282
22906.533	34.273	1.015	14.820
12/9/2016 6:35:00 PM	160500.000	73.154	17.992
166.740	29180.590	33690.355	21.285
22909.443	34.269	1.015	14.820
12/9/2016 6:40:00 PM	160800.000	73.152	17.992
166.736	29192.676	33704.051	21.295
22918.754	34.255	1.015	14.819
12/9/2016 6:45:00 PM	161100.000	73.160	17.992
166.755	29185.061	33695.195	21.288
22912.732	34.264	1.015	14.819
12/9/2016 6:50:00 PM	161400.000	73.157	17.992
166.748	29205.215	33718.391	21.305
22928.508	34.240	1.015	14.821
12/9/2016 6:55:00 PM	161700.000	73.154	17.992
166.740	29165.611	33672.609	21.273
22897.377	34.287	1.015	14.823
12/9/2016 7:00:00 PM	162000.000	73.133	17.993
166.692	29175.178	33683.461	21.280
22904.754	34.276	1.015	14.825
12/9/2016 7:05:00 PM	162300.000	73.157	17.992
166.748	29189.381	33699.918	21.292
22915.947	34.259	1.015	14.822
12/9/2016 7:10:00 PM	162600.000	73.160	17.992
166.755	29187.176	33697.371	21.290
22914.213	34.262	1.015	14.820

12/9/2016 7:15:00 PM	162900.000	73.163	17.992
166.761	29173.053	33681.258	21.279
22903.258	34.278	1.015	14.818
12/9/2016 7:20:00 PM	163200.000	73.159	17.992
166.753	29187.119	33697.637	21.290
22914.395	34.262	1.015	14.820
12/9/2016 7:25:00 PM	163500.000	73.160	17.992
166.754	29175.684	33684.617	21.281
22905.541	34.275	1.015	14.822
12/9/2016 7:30:00 PM	163800.000	73.162	17.992
166.758	29189.070	33699.559	21.291
22915.701	34.259	1.015	14.824
12/9/2016 7:35:00 PM	164100.000	73.155	17.992
166.743	29176.922	33685.992	21.282
22906.475	34.274	1.015	14.824
12/9/2016 7:40:00 PM	164400.000	73.154	17.992
166.740	29171.928	33679.902	21.278
22902.334	34.280	1.015	14.825
12/9/2016 7:45:00 PM	164700.000	73.156	17.992
166.744	29175.625	33684.301	21.281
22905.324	34.275	1.015	14.826
12/9/2016 7:50:00 PM	165000.000	73.166	17.992
166.767	29178.143	33687.133	21.283
22907.252	34.272	1.015	14.821
12/9/2016 7:55:00 PM	165300.000	73.169	17.992
166.775	29181.389	33691.203	21.286
22910.020	34.268	1.015	14.816
12/9/2016 8:00:00 PM	165600.000	73.175	17.993
166.788	29182.949	33692.434	21.286
22910.855	34.267	1.015	14.811
12/9/2016 8:05:00 PM	165900.000	73.174	17.992
166.786	29169.748	33677.441	21.276
22900.662	34.282	1.015	14.811
12/9/2016 8:10:00 PM	166200.000	73.171	17.992
166.779	29173.119	33681.211	21.279
22903.225	34.278	1.015	14.811
12/9/2016 8:15:00 PM	166500.000	73.175	17.992
166.787	29197.355	33709.316	21.298
22922.336	34.250	1.015	14.811
12/9/2016 8:20:00 PM	166800.000	73.172	17.992
166.781	29178.084	33687.203	21.283
22907.299	34.272	1.015	14.811
12/9/2016 8:25:00 PM	167100.000	73.175	17.992
166.788	29174.266	33682.980	21.280
22904.428	34.277	1.015	14.811
12/9/2016 8:30:00 PM	167400.000	73.171	17.992
166.780	29182.498	33692.164	21.286
22910.674	34.267	1.015	14.811
12/9/2016 8:35:00 PM	167700.000	73.167	17.991
166.770	29183.086	33693.363	21.287
22911.488	34.266	1.015	14.816
12/9/2016 8:40:00 PM	168000.000	73.164	17.992
166.763	29159.984	33666.438	21.268
22893.180	34.294	1.015	14.820

12/9/2016 8:45:00 PM	168300.000	73.157	17.992
166.747	29194.346	33705.785	21.296
22919.936	34.253	1.015	14.825
12/9/2016 8:50:00 PM	168600.000	73.162	17.992
166.759	29174.607	33683.191	21.280
22904.572	34.276	1.015	14.823
12/9/2016 8:55:00 PM	168900.000	73.167	17.992
166.769	29171.398	33679.484	21.277
22902.051	34.280	1.015	14.821
12/9/2016 9:00:00 PM	169200.000	73.167	17.992
166.771	29172.090	33680.414	21.278
22902.684	34.279	1.015	14.820
12/9/2016 9:05:00 PM	169500.000	73.169	17.992
166.775	29171.256	33679.320	21.277
22901.939	34.280	1.015	14.820
12/9/2016 9:10:00 PM	169800.000	73.165	17.992
166.766	29182.350	33691.992	21.286
22910.555	34.267	1.015	14.821
12/9/2016 9:15:00 PM	170100.000	73.168	17.992
166.771	29187.313	33697.793	21.290
22914.502	34.261	1.015	14.822
12/9/2016 9:20:00 PM	170400.000	73.165	17.992
166.766	29167.045	33674.395	21.274
22898.588	34.285	1.015	14.822
12/9/2016 9:25:00 PM	170700.000	73.162	17.992
166.760	29174.543	33683.176	21.280
22904.563	34.276	1.015	14.822
12/9/2016 9:30:00 PM	171000.000	73.164	17.993
166.763	29173.506	33681.395	21.279
22903.350	34.278	1.015	14.822
12/9/2016 9:35:00 PM	171300.000	73.158	17.992
166.749	29182.041	33691.832	21.286
22910.445	34.268	1.015	14.822
12/9/2016 9:40:00 PM	171600.000	73.161	17.992
166.756	29184.914	33695.023	21.288
22912.617	34.264	1.015	14.821
12/9/2016 9:45:00 PM	171900.000	73.180	17.991
166.800	29176.686	33685.973	21.282
22906.461	34.274	1.015	14.821
12/9/2016 9:50:00 PM	172200.000	73.163	17.992
166.760	29181.252	33690.922	21.285
22909.828	34.269	1.015	14.820
12/9/2016 9:55:00 PM	172500.000	73.163	17.993
166.762	29189.324	33699.793	21.292
22915.861	34.259	1.015	14.819
12/9/2016 10:00:00 PM	172800.000	73.160	17.992
166.755	29183.658	33693.898	21.287
22911.852	34.266	1.015	14.818
12/9/2016 10:05:00 PM	173100.000	73.156	17.992
166.746	29173.912	33682.387	21.279
22904.023	34.277	1.015	14.819
12/9/2016 10:10:00 PM	173400.000	73.159	17.992
166.752	29178.922	33687.977	21.283
22907.826	34.271	1.015	14.821

12/9/2016 10:15:00 PM	173700.000	73.150	17.992
166.730	29181.633	33691.039	21.286
22909.906	34.268	1.015	14.822
12/9/2016 10:20:00 PM	174000.000	73.131	17.992
166.688	29194.545	33706.270	21.296
22920.266	34.253	1.015	14.821
12/9/2016 10:25:00 PM	174300.000	73.156	17.992
166.745	29183.396	33693.074	21.287
22911.293	34.266	1.015	14.820
12/9/2016 10:30:00 PM	174600.000	73.154	17.992
166.741	29173.189	33681.289	21.279
22903.279	34.278	1.015	14.819
12/9/2016 10:35:00 PM	174900.000	73.155	17.992
166.742	29176.266	33685.363	21.282
22906.047	34.274	1.015	14.818
12/9/2016 10:40:00 PM	175200.000	73.154	17.993
166.741	29177.287	33685.762	21.282
22906.318	34.273	1.015	14.818
12/9/2016 10:45:00 PM	175500.000	73.155	17.992
166.743	29182.590	33692.211	21.286
22910.703	34.267	1.015	14.818
12/9/2016 10:50:00 PM	175800.000	73.154	17.992
166.741	29178.129	33686.926	21.283
22907.109	34.272	1.015	14.819
12/9/2016 10:55:00 PM	176100.000	73.131	17.992
166.688	29177.121	33686.277	21.282
22906.670	34.273	1.015	14.820
12/9/2016 11:00:00 PM	176400.000	73.145	17.992
166.720	29185.652	33696.070	21.289
22913.330	34.263	1.015	14.822
12/9/2016 11:05:00 PM	176700.000	73.143	17.993
166.715	29192.617	33703.457	21.294
22918.352	34.255	1.015	14.822
12/9/2016 11:10:00 PM	177000.000	73.122	17.992
166.667	29182.695	33692.527	21.287
22910.920	34.267	1.015	14.822
12/9/2016 11:15:00 PM	177300.000	73.140	17.992
166.709	29184.771	33695.184	21.288
22912.725	34.264	1.015	14.822
12/9/2016 11:20:00 PM	177600.000	73.138	17.992
166.703	29192.543	33704.027	21.295
22918.740	34.255	1.015	14.820
12/9/2016 11:25:00 PM	177900.000	73.141	17.992
166.710	29175.262	33683.809	21.280
22904.990	34.276	1.015	14.818
12/9/2016 11:30:00 PM	178200.000	73.140	17.992
166.709	29196.252	33707.984	21.297
22921.430	34.251	1.015	14.817
12/9/2016 11:35:00 PM	178500.000	73.138	17.992
166.704	29177.537	33686.758	21.283
22906.998	34.273	1.015	14.815
12/9/2016 11:40:00 PM	178800.000	73.144	17.992
166.718	29178.734	33688.141	21.283
22907.936	34.272	1.015	14.813

12/9/2016 11:45:00 PM	179100.000	73.143	17.992
166.714	29165.078	33671.859	21.272
22896.865	34.288	1.015	14.812
12/9/2016 11:50:00 PM	179400.000	73.148	17.992
166.726	29180.893	33690.184	21.285
22909.324	34.269	1.015	14.810
12/9/2016 11:55:00 PM	179700.000	73.143	17.992
166.716	29166.900	33674.477	21.274
22898.645	34.285	1.015	14.808
12/10/2016 12:00:00 AM	180000.000	73.143	17.992
166.716	29179.881	33689.082	21.284
22908.576	34.270	1.015	14.806
12/10/2016 12:05:00 AM	180300.000	73.139	17.992
166.707	29170.045	33678.051	21.276
22901.076	34.282	1.015	14.809
12/10/2016 12:10:00 AM	180600.000	73.133	17.992
166.692	29181.756	33691.441	21.286
22910.182	34.268	1.015	14.812
12/10/2016 12:15:00 AM	180900.000	73.130	17.993
166.685	29171.439	33679.145	21.277
22901.818	34.280	1.015	14.815
12/10/2016 12:20:00 AM	181200.000	73.133	17.992
166.694	29169.637	33677.582	21.276
22900.758	34.282	1.015	14.814
12/10/2016 12:25:00 AM	181500.000	73.130	17.992
166.686	29182.537	33692.207	21.286
22910.701	34.267	1.015	14.812
12/10/2016 12:30:00 AM	181800.000	73.133	17.993
166.693	29169.500	33676.906	21.276
22900.297	34.282	1.015	14.810
12/10/2016 12:35:00 AM	182100.000	73.129	17.992
166.683	29192.494	33703.703	21.294
22918.518	34.255	1.015	14.810
12/10/2016 12:40:00 AM	182400.000	73.125	17.992
166.676	29181.594	33691.063	21.286
22909.924	34.268	1.015	14.811
12/10/2016 12:45:00 AM	182700.000	73.124	17.992
166.672	29168.596	33676.250	21.275
22899.852	34.283	1.015	14.812
12/10/2016 12:50:00 AM	183000.000	73.129	17.992
166.683	29180.908	33690.328	21.285
22909.426	34.269	1.015	14.812
12/10/2016 12:55:00 AM	183300.000	73.127	17.992
166.679	29183.838	33693.781	21.287
22911.771	34.266	1.015	14.812
12/10/2016 1:00:00 AM	183600.000	73.110	17.992
166.641	29184.395	33694.352	21.288
22912.160	34.265	1.015	14.812
12/10/2016 1:05:00 AM	183900.000	73.118	17.992
166.658	29181.951	33691.930	21.286
22910.514	34.268	1.015	14.816
12/10/2016 1:10:00 AM	184200.000	73.118	17.992
166.658	29181.271	33691.070	21.286
22909.930	34.269	1.015	14.819

12/10/2016 1:15:00 AM	184500.000	73.114	17.991
166.650	29180.172	33690.000	21.285
22909.203	34.270	1.015	14.822
12/10/2016 1:20:00 AM	184800.000	73.121	17.992
166.665	29167.539	33675.090	21.274
22899.061	34.285	1.015	14.821
12/10/2016 1:25:00 AM	185100.000	73.122	17.992
166.668	29170.391	33678.383	21.277
22901.303	34.281	1.015	14.819
12/10/2016 1:30:00 AM	185400.000	73.122	17.992
166.667	29192.945	33704.168	21.295
22918.834	34.255	1.015	14.818
12/10/2016 1:35:00 AM	185700.000	73.129	17.992
166.683	29172.398	33680.445	21.278
22902.705	34.279	1.015	14.816
12/10/2016 1:40:00 AM	186000.000	73.127	17.992
166.680	29178.480	33687.523	21.283
22907.516	34.272	1.015	14.814
12/10/2016 1:45:00 AM	186300.000	73.127	17.992
166.678	29181.189	33690.527	21.285
22909.559	34.269	1.015	14.812
12/10/2016 1:50:00 AM	186600.000	73.129	17.992
166.683	29196.004	33707.758	21.297
22921.275	34.251	1.015	14.812
12/10/2016 1:55:00 AM	186900.000	73.125	17.992
166.674	29181.982	33691.512	21.286
22910.229	34.268	1.015	14.811
12/10/2016 2:00:00 AM	187200.000	73.133	17.992
166.693	29189.770	33700.434	21.292
22916.297	34.259	1.015	14.810
12/10/2016 2:05:00 AM	187500.000	73.129	17.992
166.684	29190.488	33701.387	21.293
22916.945	34.258	1.015	14.810
12/10/2016 2:10:00 AM	187800.000	73.134	17.992
166.696	29178.119	33687.109	21.283
22907.236	34.272	1.015	14.811
12/10/2016 2:15:00 AM	188100.000	73.132	17.992
166.690	29183.559	33693.461	21.287
22911.555	34.266	1.015	14.811
12/10/2016 2:20:00 AM	188400.000	73.132	17.992
166.691	29168.385	33676.328	21.275
22899.906	34.284	1.015	14.809
12/10/2016 2:25:00 AM	188700.000	73.137	17.992
166.702	29176.861	33685.465	21.282
22906.119	34.274	1.015	14.808
12/10/2016 2:30:00 AM	189000.000	73.139	17.992
166.706	29193.896	33705.324	21.295
22919.623	34.254	1.015	14.806
12/10/2016 2:35:00 AM	189300.000	73.140	17.992
166.710	29186.863	33697.469	21.290
22914.279	34.262	1.015	14.808
12/10/2016 2:40:00 AM	189600.000	73.134	17.992
166.696	29175.275	33683.824	21.280
22905.000	34.276	1.015	14.810

12/10/2016 2:45:00 AM	189900.000	73.137	17.992
166.702	29163.656	33670.219	21.271
22895.750	34.289	1.015	14.813
12/10/2016 2:50:00 AM	190200.000	73.140	17.992
166.709	29179.219	33688.699	21.284
22908.318	34.271	1.015	14.811
12/10/2016 2:55:00 AM	190500.000	73.140	17.992
166.708	29165.432	33672.461	21.273
22897.273	34.287	1.015	14.809
12/10/2016 3:00:00 AM	190800.000	73.141	17.992
166.711	29176.625	33685.324	21.282
22906.023	34.274	1.015	14.807
12/10/2016 3:05:00 AM	191100.000	73.146	17.992
166.722	29178.785	33688.074	21.283
22907.893	34.271	1.015	14.807
12/10/2016 3:10:00 AM	191400.000	73.149	17.992
166.729	29191.436	33702.617	21.294
22917.779	34.257	1.015	14.806
12/10/2016 3:15:00 AM	191700.000	73.148	17.992
166.728	29175.068	33683.723	21.280
22904.932	34.276	1.015	14.806
12/10/2016 3:20:00 AM	192000.000	73.153	17.992
166.738	29174.861	33683.348	21.280
22904.676	34.276	1.015	14.807
12/10/2016 3:25:00 AM	192300.000	73.153	17.992
166.738	29190.484	33701.457	21.293
22916.992	34.258	1.015	14.809
12/10/2016 3:30:00 AM	192600.000	73.154	17.992
166.740	29194.490	33706.008	21.296
22920.088	34.253	1.015	14.810
12/10/2016 3:35:00 AM	192900.000	73.161	17.992
166.756	29190.732	33701.543	21.293
22917.049	34.257	1.015	14.810
12/10/2016 3:40:00 AM	193200.000	73.160	17.992
166.755	29191.031	33702.336	21.293
22917.590	34.257	1.015	14.810
12/10/2016 3:45:00 AM	193500.000	73.159	17.992
166.752	29185.750	33695.859	21.289
22913.188	34.263	1.015	14.811
12/10/2016 3:50:00 AM	193800.000	73.163	17.992
166.761	29172.553	33680.879	21.278
22903.000	34.279	1.015	14.810
12/10/2016 3:55:00 AM	194100.000	73.165	17.992
166.765	29179.088	33688.547	21.284
22908.215	34.271	1.015	14.810
12/10/2016 4:00:00 AM	194400.000	73.168	17.992
166.772	29185.727	33695.961	21.289
22913.256	34.263	1.015	14.809
12/10/2016 4:05:00 AM	194700.000	73.172	17.992
166.782	29165.070	33672.363	21.273
22897.207	34.288	1.015	14.807
12/10/2016 4:10:00 AM	195000.000	73.178	17.992
166.795	29195.031	33706.574	21.296
22920.471	34.252	1.015	14.805

12/10/2016 4:15:00 AM	195300.000	73.181	17.992
166.801	29191.111	33702.109	21.293
22917.438	34.257	1.015	14.803
12/10/2016 4:20:00 AM	195600.000	73.182	17.992
166.805	29177.727	33686.527	21.282
22906.840	34.273	1.015	14.802
12/10/2016 4:25:00 AM	195900.000	73.187	17.992
166.815	29172.148	33680.215	21.278
22902.547	34.279	1.015	14.801
12/10/2016 4:30:00 AM	196200.000	73.191	17.992
166.824	29174.203	33682.527	21.280
22904.119	34.277	1.015	14.800
12/10/2016 4:35:00 AM	196500.000	73.195	17.992
166.833	29192.080	33703.297	21.294
22918.244	34.256	1.015	14.803
12/10/2016 4:40:00 AM	196800.000	73.190	17.992
166.824	29182.342	33692.121	21.286
22910.645	34.267	1.015	14.806
12/10/2016 4:45:00 AM	197100.000	73.189	17.992
166.821	29174.496	33682.926	21.280
22904.393	34.277	1.015	14.809
12/10/2016 4:50:00 AM	197400.000	73.198	17.992
166.840	29168.838	33676.465	21.275
22899.998	34.283	1.015	14.810
12/10/2016 4:55:00 AM	197700.000	73.197	17.992
166.838	29197.521	33709.645	21.298
22922.561	34.249	1.015	14.811
12/10/2016 5:00:00 AM	198000.000	73.195	17.992
166.835	29182.951	33693.008	21.287
22911.248	34.267	1.015	14.812
12/10/2016 5:05:00 AM	198300.000	73.199	17.992
166.844	29172.041	33680.090	21.278
22902.463	34.279	1.015	14.810
12/10/2016 5:10:00 AM	198600.000	73.208	17.992
166.863	29187.002	33697.305	21.290
22914.170	34.262	1.015	14.809
12/10/2016 5:15:00 AM	198900.000	73.212	17.992
166.874	29197.404	33709.445	21.298
22922.424	34.250	1.015	14.807
12/10/2016 5:20:00 AM	199200.000	73.215	17.993
166.881	29203.285	33715.836	21.303
22926.771	34.243	1.015	14.807
12/10/2016 5:25:00 AM	199500.000	73.219	17.992
166.889	29175.166	33683.504	21.280
22904.785	34.276	1.015	14.808
12/10/2016 5:30:00 AM	199800.000	73.217	17.992
166.884	29176.422	33684.957	21.281
22905.773	34.274	1.015	14.809
12/10/2016 5:35:00 AM	200100.000	73.224	17.992
166.899	29190.467	33701.688	21.293
22917.148	34.258	1.015	14.807
12/10/2016 5:40:00 AM	200400.000	73.226	17.992
166.904	29167.879	33675.355	21.275
22899.242	34.284	1.015	14.805

12/10/2016 5:45:00 AM	200700.000	73.232	17.992
166.917	29167.721	33674.977	21.274
22898.984	34.284	1.015	14.803
12/10/2016 5:50:00 AM	201000.000	73.237	17.992
166.929	29184.301	33694.188	21.288
22912.049	34.265	1.015	14.804
12/10/2016 5:55:00 AM	201300.000	73.239	17.992
166.933	29179.424	33688.488	21.284
22908.172	34.271	1.015	14.805
12/10/2016 6:00:00 AM	201600.000	73.237	17.992
166.930	29185.863	33696.445	21.289
22913.586	34.263	1.015	14.807
12/10/2016 6:05:00 AM	201900.000	73.244	17.992
166.946	29179.689	33689.059	21.284
22908.563	34.270	1.015	14.806
12/10/2016 6:10:00 AM	202200.000	73.245	17.992
166.947	29173.256	33681.492	21.279
22903.416	34.278	1.015	14.805
12/10/2016 6:15:00 AM	202500.000	73.250	17.992
166.959	29179.918	33689.258	21.284
22908.697	34.270	1.015	14.804
12/10/2016 6:20:00 AM	202800.000	73.248	17.992
166.955	29168.430	33676.117	21.275
22899.762	34.284	1.015	14.805
12/10/2016 6:25:00 AM	203100.000	73.256	17.992
166.973	29167.582	33675.078	21.274
22899.053	34.285	1.015	14.806
12/10/2016 6:30:00 AM	203400.000	73.256	17.992
166.972	29179.887	33689.219	21.284
22908.670	34.270	1.015	14.807
12/10/2016 6:35:00 AM	203700.000	73.255	17.992
166.971	29188.180	33698.988	21.291
22915.314	34.260	1.015	14.806
12/10/2016 6:40:00 AM	204000.000	73.259	17.992
166.981	29193.896	33705.324	21.295
22919.623	34.254	1.015	14.804
12/10/2016 6:45:00 AM	204300.000	73.267	17.992
166.998	29202.697	33715.805	21.303
22926.748	34.243	1.015	14.803
12/10/2016 6:50:00 AM	204600.000	73.261	17.992
166.984	29190.727	33701.801	21.293
22917.225	34.257	1.015	14.805
12/10/2016 6:55:00 AM	204900.000	73.262	17.992
166.987	29193.348	33704.887	21.295
22919.322	34.254	1.015	14.808
12/10/2016 7:00:00 AM	205200.000	73.264	17.992
166.991	29181.234	33690.512	21.285
22909.549	34.269	1.015	14.810
12/10/2016 7:05:00 AM	205500.000	73.273	17.992
167.011	29183.096	33692.797	21.287
22911.102	34.266	1.015	14.807
12/10/2016 7:10:00 AM	205800.000	73.275	17.992
167.017	29175.799	33684.430	21.281
22905.412	34.275	1.015	14.804

12/10/2016 7:15:00 AM 206100.000 73.278 17.992
167.023 29187.154 33697.938 21.290
22914.598 34.262 1.015 14.801
12/10/2016 7:20:00 AM 206400.000 73.281 17.992
167.029 29175.326 33684.020 21.281
22905.135 34.276 1.015 14.802
12/10/2016 7:25:00 AM 206700.000 73.280 17.992
167.027 29181.525 33691.176 21.286
22910.002 34.268 1.015 14.803
12/10/2016 7:30:00 AM 207000.000 73.282 17.992
167.032 29185.617 33695.902 21.289
22913.213 34.263 1.015 14.805
12/10/2016 7:35:00 AM 207300.000 73.265 17.992
166.993 29174.248 33682.711 21.280
22904.246 34.277 1.015 14.804
12/10/2016 7:40:00 AM 207600.000 73.287 17.992
167.044 29184.154 33693.949 21.288
22911.887 34.265 1.015 14.803
12/10/2016 7:45:00 AM 207900.000 73.294 17.992
167.061 29178.215 33687.539 21.283
22907.527 34.272 1.015 14.802
12/10/2016 7:50:00 AM 208200.000 73.294 17.992
167.060 29190.287 33700.965 21.292
22916.656 34.258 1.015 14.804
12/10/2016 7:55:00 AM 208500.000 73.291 17.992
167.052 29186.051 33696.402 21.289
22913.555 34.263 1.015 14.806
12/10/2016 8:00:00 AM 208800.000 73.293 17.992
167.058 29188.863 33699.320 21.291
22915.539 34.260 1.015 14.808
12/10/2016 8:05:00 AM 209100.000 73.285 17.992
167.039 29174.254 33682.844 21.280
22904.336 34.277 1.015 14.810
12/10/2016 8:10:00 AM 209400.000 73.296 17.992
167.065 29179.791 33689.109 21.284
22908.594 34.270 1.015 14.813
12/10/2016 8:15:00 AM 209700.000 73.269 17.992
167.002 29181.289 33691.035 21.285
22909.904 34.269 1.015 14.816
12/10/2016 8:20:00 AM 210000.000 73.292 17.992
167.054 29173.848 33682.375 21.279
22904.016 34.277 1.015 14.815
12/10/2016 8:25:00 AM 210300.000 73.293 17.992
167.058 29189.027 33699.898 21.292
22915.934 34.259 1.015 14.815
12/10/2016 8:30:00 AM 210600.000 73.296 17.992
167.063 29168.750 33676.426 21.275
22899.971 34.283 1.015 14.814
12/10/2016 8:35:00 AM 210900.000 73.275 17.992
167.017 29185.826 33696.328 21.289
22913.506 34.263 1.015 14.812
12/10/2016 8:40:00 AM 211200.000 73.294 17.992
167.059 29190.074 33700.719 21.292
22916.488 34.258 1.015 14.809

12/10/2016 8:45:00 AM	211500.000	73.297	17.992
167.066	29168.088	33675.598	21.275
22899.406	34.284	1.015	14.807
12/10/2016 8:50:00 AM	211800.000	73.296	17.992
167.065	29172.033	33680.082	21.278
22902.457	34.279	1.015	14.807
12/10/2016 8:55:00 AM	212100.000	73.292	17.992
167.055	29184.549	33694.797	21.288
22912.465	34.265	1.015	14.808
12/10/2016 9:00:00 AM	212400.000	73.297	17.992
167.066	29178.531	33687.852	21.283
22907.742	34.272	1.015	14.809
12/10/2016 9:05:00 AM	212700.000	73.297	17.992
167.067	29182.107	33691.980	21.286
22910.547	34.268	1.015	14.808
12/10/2016 9:10:00 AM	213000.000	73.276	17.992
167.019	29169.543	33677.664	21.276
22900.814	34.282	1.015	14.808
12/10/2016 9:15:00 AM	213300.000	73.302	17.992
167.077	29177.283	33686.086	21.282
22906.539	34.273	1.015	14.808
12/10/2016 9:20:00 AM	213600.000	73.297	17.992
167.067	29167.979	33675.598	21.275
22899.406	34.284	1.015	14.810
12/10/2016 9:25:00 AM	213900.000	73.295	17.992
167.061	29175.867	33684.449	21.281
22905.426	34.275	1.015	14.812
12/10/2016 9:30:00 AM	214200.000	73.292	17.992
167.055	29177.117	33686.023	21.282
22906.498	34.273	1.015	14.814
12/10/2016 9:35:00 AM	214500.000	73.293	17.992
167.058	29181.941	33691.594	21.286
22910.283	34.268	1.015	14.814
12/10/2016 9:40:00 AM	214800.000	73.294	17.992
167.059	29180.240	33689.691	21.285
22908.990	34.270	1.015	14.813
12/10/2016 9:45:00 AM	215100.000	73.293	17.992
167.058	29178.477	33687.594	21.283
22907.566	34.272	1.015	14.812
12/10/2016 9:50:00 AM	215400.000	73.292	17.992
167.054	29166.682	33673.844	21.274
22898.217	34.286	1.015	14.813
12/10/2016 9:55:00 AM	215700.000	73.269	17.992
167.002	29188.945	33699.742	21.292
22915.824	34.260	1.015	14.813
12/10/2016 10:00:00 AM	216000.000	73.283	17.992
167.035	29196.109	33708.074	21.297
22921.492	34.251	1.015	14.814
12/10/2016 10:05:00 AM	216300.000	73.289	17.992
167.049	29185.313	33695.680	21.289
22913.063	34.264	1.015	14.815
12/10/2016 10:10:00 AM	216600.000	73.290	17.992
167.051	29184.826	33695.117	21.288
22912.682	34.264	1.015	14.815

12/10/2016 10:15:00 AM	216900.000	73.285	17.992
167.038	29179.346	33688.594	21.284
22908.244	34.271	1.015	14.816
12/10/2016 10:20:00 AM	217200.000	73.280	17.992
167.027	29173.580	33682.262	21.279
22903.938	34.278	1.015	14.815
12/10/2016 10:25:00 AM	217500.000	73.282	17.992
167.032	29180.797	33690.336	21.285
22909.430	34.269	1.015	14.814
12/10/2016 10:30:00 AM	217800.000	73.284	17.992
167.036	29188.813	33699.777	21.292
22915.852	34.260	1.015	14.814
12/10/2016 10:35:00 AM	218100.000	73.276	17.992
167.018	29183.609	33693.844	21.287
22911.816	34.266	1.015	14.814
12/10/2016 10:40:00 AM	218400.000	73.277	17.992
167.022	29185.984	33696.387	21.289
22913.543	34.263	1.015	14.814
12/10/2016 10:45:00 AM	218700.000	73.277	17.991
167.020	29178.283	33687.820	21.283
22907.721	34.272	1.015	14.814
12/10/2016 10:50:00 AM	219000.000	73.273	17.992
167.012	29181.285	33690.703	21.285
22909.680	34.269	1.015	14.813
12/10/2016 10:55:00 AM	219300.000	73.266	17.992
166.997	29167.660	33675.031	21.274
22899.023	34.285	1.015	14.812
12/10/2016 11:00:00 AM	219600.000	73.267	17.992
166.998	29175.402	33684.293	21.281
22905.320	34.275	1.015	14.811
12/10/2016 11:05:00 AM	219900.000	73.267	17.992
166.997	29179.785	33688.973	21.284
22908.502	34.270	1.015	14.807
12/10/2016 11:10:00 AM	220200.000	73.264	17.992
166.991	29183.199	33692.914	21.287
22911.182	34.266	1.015	14.802
12/10/2016 11:15:00 AM	220500.000	73.269	17.992
167.003	29182.695	33692.527	21.287
22910.920	34.267	1.015	14.798
12/10/2016 11:20:00 AM	220800.000	73.265	17.992
166.994	29181.043	33690.621	21.285
22909.625	34.269	1.015	14.799
12/10/2016 11:25:00 AM	221100.000	73.261	17.992
166.984	29185.258	33695.223	21.288
22912.752	34.264	1.015	14.799
12/10/2016 11:30:00 AM	221400.000	73.254	17.991
166.969	29179.580	33689.316	21.284
22908.736	34.271	1.015	14.800
12/10/2016 11:35:00 AM	221700.000	73.250	17.992
166.958	29167.592	33674.828	21.274
22898.885	34.285	1.015	14.797
12/10/2016 11:40:00 AM	222000.000	73.246	17.992
166.951	29188.707	33699.598	21.291
22915.729	34.260	1.015	14.794

12/10/2016 11:45:00 AM	222300.000	73.248	17.992
166.955	29169.197	33676.809	21.276
22900.232	34.283	1.015	14.792
12/10/2016 11:50:00 AM	222600.000	73.248	17.992
166.955	29187.766	33698.246	21.291
22914.809	34.261	1.015	14.791
12/10/2016 11:55:00 AM	222900.000	73.220	17.992
166.890	29172.295	33680.648	21.278
22902.844	34.279	1.015	14.791
12/10/2016 12:00:00 PM	223200.000	73.236	17.993
166.928	29183.650	33693.242	21.287
22911.406	34.266	1.015	14.791
12/10/2016 12:05:00 PM	223500.000	73.236	17.992
166.927	29175.764	33684.387	21.281
22905.385	34.275	1.015	14.790
12/10/2016 12:10:00 PM	223800.000	73.231	17.992
166.916	29172.867	33681.242	21.279
22903.246	34.278	1.015	14.789
12/10/2016 12:15:00 PM	224100.000	73.229	17.992
166.912	29185.068	33695.398	21.289
22912.873	34.264	1.015	14.788
12/10/2016 12:20:00 PM	224400.000	73.224	17.992
166.900	29178.045	33687.023	21.283
22907.178	34.272	1.015	14.786
12/10/2016 12:25:00 PM	224700.000	73.206	17.992
166.859	29171.842	33679.801	21.278
22902.268	34.280	1.015	14.784
12/10/2016 12:30:00 PM	225000.000	73.217	17.992
166.885	29170.697	33678.414	21.277
22901.324	34.281	1.015	14.783
12/10/2016 12:35:00 PM	225300.000	73.218	17.992
166.887	29165.783	33673.188	21.273
22897.768	34.287	1.015	14.782
12/10/2016 12:40:00 PM	225600.000	73.214	17.992
166.876	29179.748	33689.184	21.284
22908.646	34.270	1.015	14.781
12/10/2016 12:45:00 PM	225900.000	73.211	17.992
166.871	29186.605	33697.227	21.290
22914.115	34.262	1.015	14.779
12/10/2016 12:50:00 PM	226200.000	73.212	17.992
166.874	29170.400	33678.137	21.277
22901.135	34.281	1.015	14.779
12/10/2016 12:55:00 PM	226500.000	73.211	17.992
166.870	29183.803	33693.668	21.287
22911.695	34.266	1.015	14.779
12/10/2016 1:00:00 PM	226800.000	73.205	17.991
166.856	29170.436	33678.824	21.277
22901.602	34.281	1.015	14.778
12/10/2016 1:05:00 PM	227100.000	73.205	17.992
166.856	29166.830	33674.145	21.274
22898.418	34.286	1.015	14.777
12/10/2016 1:10:00 PM	227400.000	73.202	17.992
166.851	29178.172	33687.367	21.283
22907.412	34.272	1.015	14.776

12/10/2016 1:15:00 PM	227700.000	73.198	17.992
166.841	29170.611	33678.637	21.277
22901.475	34.281	1.015	14.775
12/10/2016 1:20:00 PM	228000.000	73.193	17.992
166.828	29185.320	33695.688	21.289
22913.068	34.264	1.015	14.776
12/10/2016 1:25:00 PM	228300.000	73.190	17.992
166.824	29177.100	33686.328	21.282
22906.703	34.273	1.015	14.777
12/10/2016 1:30:00 PM	228600.000	73.183	17.992
166.806	29187.775	33698.453	21.291
22914.949	34.261	1.015	14.778
12/10/2016 1:35:00 PM	228900.000	73.185	17.992
166.812	29192.502	33704.035	21.295
22918.744	34.255	1.015	14.776
12/10/2016 1:40:00 PM	229200.000	73.177	17.992
166.794	29183.639	33693.676	21.287
22911.701	34.266	1.015	14.775
12/10/2016 1:45:00 PM	229500.000	73.178	17.992
166.794	29174.814	33683.688	21.280
22904.908	34.276	1.015	14.773
12/10/2016 1:50:00 PM	229800.000	73.177	17.992
166.794	29179.422	33688.555	21.284
22908.219	34.271	1.015	14.771
12/10/2016 1:55:00 PM	230100.000	73.174	17.992
166.787	29184.396	33694.551	21.288
22912.297	34.265	1.015	14.768
12/10/2016 2:00:00 PM	230400.000	73.175	17.992
166.788	29173.309	33681.820	21.279
22903.639	34.278	1.015	14.766
12/10/2016 2:05:00 PM	230700.000	73.174	17.993
166.786	29177.459	33686.020	21.282
22906.496	34.273	1.015	14.765
12/10/2016 2:10:00 PM	231000.000	73.170	17.992
166.777	29175.082	33683.922	21.281
22905.068	34.276	1.015	14.764
12/10/2016 2:15:00 PM	231300.000	73.169	17.992
166.776	29174.010	33682.238	21.279
22903.924	34.277	1.015	14.764
12/10/2016 2:20:00 PM	231600.000	73.147	17.992
166.725	29182.295	33692.000	21.286
22910.563	34.267	1.015	14.764
12/10/2016 2:25:00 PM	231900.000	73.167	17.992
166.771	29174.008	33682.559	21.280
22904.143	34.277	1.015	14.764
12/10/2016 2:30:00 PM	232200.000	73.167	17.992
166.770	29176.682	33685.520	21.282
22906.154	34.274	1.015	14.765
12/10/2016 2:35:00 PM	232500.000	73.164	17.993
166.764	29170.332	33677.867	21.276
22900.949	34.281	1.015	14.765
12/10/2016 2:40:00 PM	232800.000	73.162	17.992
166.758	29181.389	33690.953	21.285
22909.850	34.268	1.015	14.764

12/10/2016 2:45:00 PM	233100.000	73.155	17.992
166.742	29174.061	33682.230	21.279
22903.918	34.277	1.015	14.764
12/10/2016 2:50:00 PM	233400.000	73.159	17.992
166.751	29178.928	33687.918	21.283
22907.785	34.271	1.015	14.765
12/10/2016 2:55:00 PM	233700.000	73.156	17.992
166.746	29196.350	33708.613	21.298
22921.857	34.251	1.015	14.765
12/10/2016 3:00:00 PM	234000.000	73.158	17.992
166.749	29183.107	33693.063	21.287
22911.283	34.266	1.015	14.766
12/10/2016 3:05:00 PM	234300.000	73.158	17.992
166.750	29168.996	33676.898	21.276
22900.291	34.283	1.015	14.767
12/10/2016 3:10:00 PM	234600.000	73.150	17.992
166.732	29185.246	33695.473	21.289
22912.924	34.264	1.015	14.767
12/10/2016 3:15:00 PM	234900.000	73.151	17.991
166.733	29171.547	33680.043	21.278
22902.432	34.280	1.015	14.768
12/10/2016 3:20:00 PM	235200.000	73.149	17.992
166.730	29178.230	33687.371	21.283
22907.414	34.272	1.015	14.768
12/10/2016 3:25:00 PM	235500.000	73.144	17.992
166.717	29173.611	33682.039	21.279
22903.787	34.278	1.015	14.768
12/10/2016 3:30:00 PM	235800.000	73.153	17.992
166.739	29182.547	33692.219	21.286
22910.709	34.267	1.015	14.768
12/10/2016 3:35:00 PM	236100.000	73.150	17.992
166.732	29188.879	33699.727	21.292
22915.814	34.260	1.015	14.767
12/10/2016 3:40:00 PM	236400.000	73.146	17.992
166.722	29168.883	33676.641	21.275
22900.115	34.283	1.015	14.766
12/10/2016 3:45:00 PM	236700.000	73.146	17.992
166.723	29190.518	33701.422	21.293
22916.967	34.258	1.015	14.765
12/10/2016 3:50:00 PM	237000.000	73.147	17.992
166.724	29178.928	33688.309	21.284
22908.053	34.271	1.015	14.767
12/10/2016 3:55:00 PM	237300.000	73.143	17.992
166.716	29190.148	33700.805	21.292
22916.547	34.258	1.015	14.770
12/10/2016 4:00:00 PM	237600.000	73.144	17.991
166.718	29167.084	33675.020	21.274
22899.016	34.285	1.015	14.772
12/10/2016 4:05:00 PM	237900.000	73.146	17.992
166.723	29189.221	33699.926	21.292
22915.951	34.259	1.015	14.770
12/10/2016 4:10:00 PM	238200.000	73.144	17.992
166.718	29172.754	33680.789	21.278
22902.939	34.279	1.015	14.767

12/10/2016 4:15:00 PM	238500.000	73.149	17.992
166.729	29180.197	33689.578	21.284
22908.914	34.270	1.015	14.765
12/10/2016 4:20:00 PM	238800.000	73.150	17.992
166.730	29201.055	33713.723	21.301
22925.334	34.245	1.015	14.765
12/10/2016 4:25:00 PM	239100.000	73.149	17.992
166.729	29168.332	33675.879	21.275
22899.600	34.284	1.015	14.764
12/10/2016 4:30:00 PM	239400.000	73.152	17.992
166.735	29174.414	33682.902	21.280
22904.375	34.277	1.015	14.763
12/10/2016 4:35:00 PM	239700.000	73.155	17.992
166.742	29172.705	33681.055	21.279
22903.117	34.279	1.015	14.763
12/10/2016 4:40:00 PM	240000.000	73.155	17.992
166.742	29179.133	33688.277	21.284
22908.029	34.271	1.015	14.762
12/10/2016 4:45:00 PM	240300.000	73.157	17.992
166.747	29170.758	33678.484	21.277
22901.371	34.281	1.015	14.761
12/10/2016 4:50:00 PM	240600.000	73.158	17.992
166.750	29172.564	33680.832	21.278
22902.967	34.279	1.015	14.764
12/10/2016 4:55:00 PM	240900.000	73.153	17.992
166.739	29180.414	33689.828	21.285
22909.084	34.270	1.015	14.768
12/10/2016 5:00:00 PM	241200.000	73.152	17.992
166.735	29169.803	33677.703	21.276
22900.838	34.282	1.015	14.772
12/10/2016 5:05:00 PM	241500.000	73.131	17.992
166.688	29190.662	33701.855	21.293
22917.264	34.258	1.015	14.767
12/10/2016 5:10:00 PM	241800.000	73.158	17.992
166.750	29170.689	33678.531	21.277
22901.404	34.281	1.015	14.763
12/10/2016 5:15:00 PM	242100.000	73.163	17.992
166.762	29188.918	33699.773	21.292
22915.846	34.260	1.015	14.759
12/10/2016 5:20:00 PM	242400.000	73.159	17.992
166.752	29174.355	33683.086	21.280
22904.500	34.277	1.015	14.762
12/10/2016 5:25:00 PM	242700.000	73.158	17.992
166.750	29189.656	33700.426	21.292
22916.291	34.259	1.015	14.766
12/10/2016 5:30:00 PM	243000.000	73.156	17.993
166.744	29177.375	33686.000	21.282
22906.480	34.273	1.015	14.769
12/10/2016 5:35:00 PM	243300.000	73.157	17.992
166.748	29185.781	33696.152	21.289
22913.385	34.263	1.015	14.768
12/10/2016 5:40:00 PM	243600.000	73.159	17.992
166.751	29175.311	33684.063	21.281
22905.162	34.276	1.015	14.766

12/10/2016 5:45:00 PM	243900.000	73.169	17.992
166.776	29184.230	33694.621	21.288
22912.342	34.265	1.015	14.764
12/10/2016 5:50:00 PM	244200.000	73.170	17.992
166.776	29182.215	33691.836	21.286
22910.449	34.267	1.015	14.765
12/10/2016 5:55:00 PM	244500.000	73.171	17.992
166.780	29177.609	33686.840	21.283
22907.051	34.273	1.015	14.765
12/10/2016 6:00:00 PM	244800.000	73.170	17.992
166.776	29165.482	33672.395	21.273
22897.230	34.287	1.015	14.766
12/10/2016 6:05:00 PM	245100.000	73.170	17.991
166.778	29188.551	33699.672	21.291
22915.779	34.260	1.015	14.770
12/10/2016 6:10:00 PM	245400.000	73.165	17.993
166.765	29197.150	33708.828	21.298
22922.004	34.250	1.015	14.774
12/10/2016 6:15:00 PM	245700.000	73.166	17.992
166.769	29186.240	33696.426	21.289
22913.572	34.263	1.015	14.778
12/10/2016 6:20:00 PM	246000.000	73.166	17.992
166.767	29178.996	33688.063	21.283
22907.885	34.271	1.015	14.775
12/10/2016 6:25:00 PM	246300.000	73.176	17.992
166.790	29174.789	33683.398	21.280
22904.713	34.276	1.015	14.771
12/10/2016 6:30:00 PM	246600.000	73.180	17.992
166.799	29171.564	33679.738	21.278
22902.223	34.280	1.015	14.767
12/10/2016 6:35:00 PM	246900.000	73.184	17.991
166.808	29175.123	33684.172	21.281
22905.236	34.276	1.015	14.766
12/10/2016 6:40:00 PM	247200.000	73.180	17.992
166.801	29178.590	33687.848	21.283
22907.738	34.272	1.015	14.765
12/10/2016 6:45:00 PM	247500.000	73.185	17.992
166.811	29192.551	33703.965	21.295
22918.699	34.255	1.015	14.763
12/10/2016 6:50:00 PM	247800.000	73.171	17.992
166.779	29169.201	33676.883	21.276
22900.281	34.283	1.015	14.766
12/10/2016 6:55:00 PM	248100.000	73.168	17.992
166.772	29181.135	33690.590	21.285
22909.604	34.269	1.015	14.769
12/10/2016 7:00:00 PM	248400.000	73.191	17.992
166.825	29178.631	33687.836	21.283
22907.730	34.272	1.015	14.772
12/10/2016 7:05:00 PM	248700.000	73.184	17.992
166.809	29183.521	33693.480	21.287
22911.568	34.266	1.015	14.770
12/10/2016 7:10:00 PM	249000.000	73.195	17.992
166.833	29177.129	33685.906	21.282
22906.418	34.273	1.015	14.769

12/10/2016 7:15:00 PM	249300.000	73.194	17.992
166.831	29181.041	33690.422	21.285
22909.486	34.269	1.015	14.768
12/10/2016 7:20:00 PM	249600.000	73.182	17.992
166.804	29176.469	33685.523	21.282
22906.156	34.274	1.015	14.769
12/10/2016 7:25:00 PM	249900.000	73.201	17.992
166.848	29183.230	33693.332	21.287
22911.469	34.266	1.015	14.771
12/10/2016 7:30:00 PM	250200.000	73.199	17.992
166.842	29178.080	33687.387	21.283
22907.426	34.272	1.015	14.773
12/10/2016 7:35:00 PM	250500.000	73.198	17.992
166.842	29167.480	33674.898	21.274
22898.934	34.285	1.015	14.775
12/10/2016 7:40:00 PM	250800.000	73.201	17.992
166.847	29190.629	33701.621	21.293
22917.105	34.258	1.015	14.777
12/10/2016 7:45:00 PM	251100.000	73.199	17.991
166.844	29188.977	33700.164	21.292
22916.113	34.260	1.015	14.779
12/10/2016 7:50:00 PM	251400.000	73.198	17.992
166.840	29193.314	33704.973	21.295
22919.383	34.254	1.015	14.780
12/10/2016 7:55:00 PM	251700.000	73.195	17.992
166.834	29181.854	33691.617	21.286
22910.301	34.268	1.015	14.781
12/10/2016 8:00:00 PM	252000.000	73.200	17.992
166.846	29162.566	33668.961	21.270
22894.896	34.291	1.015	14.782
12/10/2016 8:05:00 PM	252300.000	73.200	17.993
166.845	29183.715	33693.316	21.287
22911.457	34.266	1.015	14.782
12/10/2016 8:10:00 PM	252600.000	73.214	17.992
166.876	29183.803	33693.992	21.288
22911.914	34.266	1.015	14.783
12/10/2016 8:15:00 PM	252900.000	73.211	17.992
166.870	29173.357	33681.809	21.279
22903.631	34.278	1.015	14.783
12/10/2016 8:20:00 PM	253200.000	73.209	17.992
166.867	29186.041	33696.449	21.289
22913.588	34.263	1.015	14.782
12/10/2016 8:25:00 PM	253500.000	73.213	17.992
166.876	29183.432	33693.313	21.287
22911.455	34.266	1.015	14.781
12/10/2016 8:30:00 PM	253800.000	73.193	17.992
166.829	29183.354	33693.152	21.287
22911.344	34.266	1.015	14.779
12/10/2016 8:35:00 PM	254100.000	73.210	17.992
166.869	29176.824	33685.750	21.282
22906.311	34.274	1.015	14.779
12/10/2016 8:40:00 PM	254400.000	73.210	17.992
166.869	29177.582	33686.754	21.283
22906.994	34.273	1.015	14.779

12/10/2016 8:45:00 PM	254700.000	73.211	17.992
166.870	29183.867	33694.203	21.288
22912.061	34.266	1.015	14.779
12/10/2016 8:50:00 PM	255000.000	73.215	17.992
166.880	29179.217	33688.375	21.284
22908.096	34.271	1.015	14.779
12/10/2016 8:55:00 PM	255300.000	73.191	17.992
166.825	29176.877	33685.996	21.282
22906.479	34.274	1.015	14.779
12/10/2016 9:00:00 PM	255600.000	73.210	17.992
166.869	29183.680	33693.527	21.287
22911.600	34.266	1.015	14.779
12/10/2016 9:05:00 PM	255900.000	73.214	17.992
166.877	29181.041	33690.480	21.285
22909.529	34.269	1.015	14.780
12/10/2016 9:10:00 PM	256200.000	73.223	17.992
166.897	29173.912	33682.125	21.279
22903.848	34.277	1.015	14.781
12/10/2016 9:15:00 PM	256500.000	73.218	17.992
166.886	29180.521	33690.148	21.285
22909.301	34.269	1.015	14.782
12/10/2016 9:20:00 PM	256800.000	73.221	17.992
166.892	29182.787	33692.695	21.287
22911.033	34.267	1.015	14.783
12/10/2016 9:25:00 PM	257100.000	73.218	17.992
166.887	29171.607	33679.785	21.278
22902.254	34.280	1.015	14.784
12/10/2016 9:30:00 PM	257400.000	73.215	17.992
166.880	29190.033	33700.863	21.292
22916.590	34.258	1.015	14.785
12/10/2016 9:35:00 PM	257700.000	73.214	17.992
166.878	29184.096	33694.469	21.288
22912.238	34.265	1.015	14.783
12/10/2016 9:40:00 PM	258000.000	73.219	17.992
166.888	29176.264	33685.164	21.281
22905.912	34.274	1.015	14.781
12/10/2016 9:45:00 PM	258300.000	73.219	17.992
166.888	29172.508	33680.828	21.278
22902.963	34.279	1.015	14.780
12/10/2016 9:50:00 PM	258600.000	73.216	17.992
166.882	29164.279	33671.586	21.272
22896.680	34.289	1.015	14.783
12/10/2016 9:55:00 PM	258900.000	73.219	17.992
166.889	29173.604	33682.090	21.279
22903.824	34.278	1.015	14.786
12/10/2016 10:00:00 PM	259200.000	73.213	17.992
166.875	29177.283	33686.340	21.282
22906.711	34.273	1.015	14.789
12/10/2016 10:05:00 PM	259500.000	73.219	17.992
166.888	29191.586	33702.977	21.294
22918.023	34.256	1.015	14.787
12/10/2016 10:10:00 PM	259800.000	73.220	17.992
166.891	29192.352	33703.480	21.294
22918.367	34.256	1.015	14.784

12/10/2016 10:15:00 PM	260100.000	73.225	17.991
166.902	29181.295	33691.297	21.286
22910.084	34.269	1.015	14.782
12/10/2016 10:20:00 PM	260400.000	73.227	17.992
166.906	29183.510	33693.469	21.287
22911.561	34.266	1.015	14.784
12/10/2016 10:25:00 PM	260700.000	73.223	17.992
166.898	29166.082	33673.152	21.273
22897.746	34.286	1.015	14.787
12/10/2016 10:30:00 PM	261000.000	73.218	17.992
166.887	29170.299	33678.152	21.277
22901.146	34.281	1.015	14.789
12/10/2016 10:35:00 PM	261300.000	73.215	17.992
166.880	29183.549	33693.375	21.287
22911.498	34.266	1.015	14.792
12/10/2016 10:40:00 PM	261600.000	73.213	17.992
166.875	29182.770	33692.801	21.287
22911.105	34.267	1.015	14.796
12/10/2016 10:45:00 PM	261900.000	73.205	17.992
166.856	29178.883	33688.063	21.283
22907.885	34.271	1.015	14.799
12/10/2016 10:50:00 PM	262200.000	73.215	17.992
166.881	29172.354	33680.258	21.278
22902.576	34.279	1.015	14.798
12/10/2016 10:55:00 PM	262500.000	73.209	17.992
166.865	29177.727	33687.113	21.283
22907.238	34.273	1.015	14.797
12/10/2016 11:00:00 PM	262800.000	73.208	17.992
166.864	29185.322	33695.621	21.289
22913.025	34.264	1.015	14.797
12/10/2016 11:05:00 PM	263100.000	73.208	17.992
166.863	29182.195	33691.949	21.286
22910.525	34.267	1.015	14.797
12/10/2016 11:10:00 PM	263400.000	73.206	17.992
166.860	29171.510	33679.875	21.278
22902.314	34.280	1.015	14.798
12/10/2016 11:15:00 PM	263700.000	73.207	17.992
166.861	29183.133	33693.293	21.287
22911.439	34.266	1.015	14.798
12/10/2016 11:20:00 PM	264000.000	73.205	17.992
166.857	29186.684	33697.453	21.290
22914.268	34.262	1.015	14.799
12/10/2016 11:25:00 PM	264300.000	73.210	17.992
166.868	29181.648	33691.379	21.286
22910.139	34.268	1.015	14.799
12/10/2016 11:30:00 PM	264600.000	73.207	17.992
166.862	29195.441	33707.305	21.297
22920.967	34.252	1.015	14.799
12/10/2016 11:35:00 PM	264900.000	73.186	17.992
166.813	29179.580	33688.992	21.284
22908.516	34.271	1.015	14.798
12/10/2016 11:40:00 PM	265200.000	73.207	17.992
166.860	29178.135	33687.391	21.283
22907.428	34.272	1.015	14.797

12/10/2016 11:45:00 PM	265500.000	73.193	17.992
166.829	29186.469	33696.945	21.290
22913.926	34.262	1.015	14.796
12/10/2016 11:50:00 PM	265800.000	73.206	17.992
166.858	29173.219	33681.773	21.279
22903.605	34.278	1.015	14.798
12/10/2016 11:55:00 PM	266100.000	73.199	17.992
166.844	29190.645	33701.707	21.293
22917.162	34.258	1.015	14.799
12/11/2016 12:00:00 AM	266400.000	73.198	17.992
166.841	29184.297	33694.508	21.288
22912.266	34.265	1.015	14.801
12/11/2016 12:05:00 AM	266700.000	73.196	17.992
166.837	29182.391	33692.234	21.286
22910.719	34.267	1.015	14.800
12/11/2016 12:10:00 AM	267000.000	73.201	17.992
166.847	29178.969	33688.227	21.284
22907.996	34.271	1.015	14.800
12/11/2016 12:15:00 AM	267300.000	73.194	17.992
166.831	29184.820	33695.043	21.288
22912.631	34.264	1.015	14.799
12/11/2016 12:20:00 AM	267600.000	73.196	17.992
166.836	29176.971	33686.242	21.282
22906.645	34.274	1.015	14.798
12/11/2016 12:25:00 AM	267900.000	73.197	17.992
166.839	29174.656	33682.984	21.280
22904.430	34.276	1.015	14.797
12/11/2016 12:30:00 AM	268200.000	73.198	17.992
166.840	29187.777	33698.523	21.291
22914.998	34.261	1.015	14.797
12/11/2016 12:35:00 AM	268500.000	73.194	17.992
166.833	29177.330	33686.520	21.282
22906.836	34.273	1.015	14.796
12/11/2016 12:40:00 AM	268800.000	73.195	17.991
166.835	29164.029	33671.363	21.272
22896.527	34.289	1.015	14.796
12/11/2016 12:45:00 AM	269100.000	73.191	17.992
166.826	29177.125	33686.418	21.282
22906.766	34.273	1.015	14.796
12/11/2016 12:50:00 AM	269400.000	73.193	17.992
166.829	29185.104	33695.438	21.289
22912.898	34.264	1.015	14.797
12/11/2016 12:55:00 AM	269700.000	73.193	17.992
166.830	29179.170	33688.395	21.284
22908.109	34.271	1.015	14.798
12/11/2016 1:00:00 AM	270000.000	73.190	17.992
166.824	29177.527	33686.621	21.282
22906.904	34.273	1.015	14.798
12/11/2016 1:05:00 AM	270300.000	73.186	17.992
166.814	29188.143	33698.750	21.291
22915.152	34.260	1.015	14.801
12/11/2016 1:10:00 AM	270600.000	73.185	17.992
166.812	29179.037	33688.434	21.284
22908.137	34.271	1.015	14.803

12/11/2016 1:15:00 AM	270900.000	73.184	17.992
166.808	29178.984	33688.430	21.284
22908.135	34.271	1.015	14.806
12/11/2016 1:20:00 AM	271200.000	73.186	17.992
166.814	29174.646	33683.297	21.280
22904.645	34.276	1.015	14.805
12/11/2016 1:25:00 AM	271500.000	73.187	17.992
166.817	29171.561	33679.734	21.278
22902.221	34.280	1.015	14.803
12/11/2016 1:30:00 AM	271800.000	73.189	17.992
166.820	29178.178	33687.313	21.283
22907.373	34.272	1.015	14.802
12/11/2016 1:35:00 AM	272100.000	73.188	17.992
166.819	29173.111	33681.648	21.279
22903.523	34.278	1.015	14.801
12/11/2016 1:40:00 AM	272400.000	73.189	17.992
166.821	29178.117	33687.563	21.283
22907.543	34.272	1.015	14.800
12/11/2016 1:45:00 AM	272700.000	73.190	17.992
166.823	29182.400	33691.926	21.286
22910.512	34.267	1.015	14.799
12/11/2016 1:50:00 AM	273000.000	73.182	17.992
166.805	29170.611	33678.578	21.277
22901.434	34.281	1.015	14.800
12/11/2016 1:55:00 AM	273300.000	73.186	17.992
166.813	29168.701	33676.500	21.275
22900.021	34.283	1.015	14.801
12/11/2016 2:00:00 AM	273600.000	73.186	17.992
166.814	29184.098	33694.207	21.288
22912.063	34.265	1.015	14.803
12/11/2016 2:05:00 AM	273900.000	73.162	17.992
166.758	29176.568	33685.191	21.281
22905.932	34.274	1.015	14.803
12/11/2016 2:10:00 AM	274200.000	73.181	17.991
166.802	29181.707	33691.840	21.286
22910.451	34.268	1.015	14.803
12/11/2016 2:15:00 AM	274500.000	73.183	17.992
166.807	29190.061	33701.160	21.293
22916.789	34.258	1.015	14.804
12/11/2016 2:20:00 AM	274800.000	73.161	17.992
166.756	29186.621	33697.121	21.290
22914.043	34.262	1.015	14.806
12/11/2016 2:25:00 AM	275100.000	73.181	17.992
166.802	29192.434	33703.957	21.294
22918.691	34.255	1.015	14.808
12/11/2016 2:30:00 AM	275400.000	73.178	17.992
166.796	29209.496	33723.730	21.308
22932.139	34.235	1.015	14.811
12/11/2016 2:35:00 AM	275700.000	73.180	17.991
166.801	29185.568	33696.230	21.289
22913.439	34.264	1.015	14.808
12/11/2016 2:40:00 AM	276000.000	73.183	17.992
166.806	29182.592	33692.539	21.287
22910.930	34.267	1.015	14.806

12/11/2016 2:45:00 AM	276300.000	73.190	17.992
166.823	29184.006	33694.039	21.288
22911.949	34.265	1.015	14.804
12/11/2016 2:50:00 AM	276600.000	73.185	17.992
166.811	29186.234	33696.676	21.289
22913.742	34.263	1.015	14.804
12/11/2016 2:55:00 AM	276900.000	73.185	17.992
166.810	29179.088	33688.492	21.284
22908.176	34.271	1.015	14.805
12/11/2016 3:00:00 AM	277200.000	73.186	17.991
166.814	29170.105	33678.379	21.277
22901.301	34.282	1.015	14.805
12/11/2016 3:05:00 AM	277500.000	73.189	17.992
166.821	29177.230	33686.219	21.282
22906.629	34.273	1.015	14.805
12/11/2016 3:10:00 AM	277800.000	73.184	17.992
166.810	29176.381	33685.043	21.281
22905.830	34.274	1.015	14.805
12/11/2016 3:15:00 AM	278100.000	73.186	17.992
166.814	29180.635	33690.336	21.285
22909.430	34.269	1.015	14.805
12/11/2016 3:20:00 AM	278400.000	73.193	17.992
166.830	29182.707	33692.543	21.287
22910.930	34.267	1.015	14.803
12/11/2016 3:25:00 AM	278700.000	73.194	17.992
166.831	29177.982	33686.949	21.283
22907.125	34.272	1.015	14.801
12/11/2016 3:30:00 AM	279000.000	73.201	17.992
166.848	29192.447	33703.594	21.294
22918.443	34.255	1.015	14.799
12/11/2016 3:35:00 AM	279300.000	73.198	17.991
166.842	29165.779	33673.383	21.273
22897.902	34.287	1.015	14.802
12/11/2016 3:40:00 AM	279600.000	73.194	17.992
166.833	29177.113	33686.145	21.282
22906.580	34.273	1.015	14.804
12/11/2016 3:45:00 AM	279900.000	73.198	17.992
166.842	29182.600	33692.477	21.287
22910.887	34.267	1.015	14.807
12/11/2016 3:50:00 AM	280200.000	73.202	17.992
166.849	29166.979	33674.383	21.274
22898.580	34.285	1.015	14.806
12/11/2016 3:55:00 AM	280500.000	73.201	17.992
166.849	29177.662	33686.578	21.282
22906.873	34.273	1.015	14.805
12/11/2016 4:00:00 AM	280800.000	73.188	17.992
166.818	29182.363	33692.078	21.286
22910.613	34.267	1.015	14.804
12/11/2016 4:05:00 AM	281100.000	73.205	17.992
166.857	29180.236	33689.625	21.285
22908.947	34.270	1.015	14.804
12/11/2016 4:10:00 AM	281400.000	73.213	17.991
166.874	29182.896	33693.211	21.287
22911.385	34.267	1.015	14.803

12/11/2016 4:15:00 AM	281700.000	73.213	17.991
166.875	29176.455	33685.707	21.282
22906.283	34.274	1.015	14.803
12/11/2016 4:20:00 AM	282000.000	73.216	17.992
166.881	29169.844	33677.949	21.276
22901.006	34.282	1.015	14.802
12/11/2016 4:25:00 AM	282300.000	73.222	17.992
166.895	29184.617	33695.070	21.288
22912.648	34.265	1.015	14.801
12/11/2016 4:30:00 AM	282600.000	73.220	17.992
166.891	29186.906	33697.391	21.290
22914.229	34.262	1.015	14.800
12/11/2016 4:35:00 AM	282900.000	73.204	17.992
166.854	29191.789	33702.961	21.294
22918.014	34.256	1.015	14.799
12/11/2016 4:40:00 AM	283200.000	73.226	17.992
166.905	29172.752	33681.109	21.279
22903.156	34.279	1.015	14.798
12/11/2016 4:45:00 AM	283500.000	73.228	17.992
166.909	29178.244	33687.711	21.283
22907.646	34.272	1.015	14.798
12/11/2016 4:50:00 AM	283800.000	73.236	17.991
166.927	29176.271	33685.688	21.282
22906.270	34.274	1.015	14.799
12/11/2016 4:55:00 AM	284100.000	73.233	17.992
166.920	29192.039	33703.250	21.294
22918.213	34.256	1.015	14.801
12/11/2016 5:00:00 AM	284400.000	73.237	17.992
166.929	29178.186	33687.449	21.283
22907.465	34.272	1.015	14.802
12/11/2016 5:05:00 AM	284700.000	73.237	17.992
166.931	29191.844	33703.414	21.294
22918.324	34.256	1.015	14.802
12/11/2016 5:10:00 AM	285000.000	73.238	17.992
166.932	29183.629	33693.793	21.287
22911.781	34.266	1.015	14.803
12/11/2016 5:15:00 AM	285300.000	73.245	17.992
166.948	29182.041	33691.902	21.286
22910.496	34.268	1.015	14.803
12/11/2016 5:20:00 AM	285600.000	73.248	17.992
166.955	29174.510	33683.207	21.280
22904.582	34.276	1.015	14.805
12/11/2016 5:25:00 AM	285900.000	73.249	17.992
166.957	29175.986	33685.105	21.281
22905.873	34.275	1.015	14.808
12/11/2016 5:30:00 AM	286200.000	73.248	17.992
166.955	29185.107	33695.637	21.289
22913.035	34.264	1.015	14.810
12/11/2016 5:35:00 AM	286500.000	73.249	17.992
166.957	29185.652	33695.805	21.289
22913.146	34.263	1.015	14.808
12/11/2016 5:40:00 AM	286800.000	73.259	17.992
166.980	29173.863	33682.332	21.279
22903.988	34.277	1.015	14.805

12/11/2016 5:45:00 AM	287100.000	73.262	17.992
166.987	29180.656	33690.234	21.285
22909.361	34.269	1.015	14.803
12/11/2016 5:50:00 AM	287400.000	73.265	17.992
166.994	29175.016	33683.723	21.280
22904.932	34.276	1.015	14.805
12/11/2016 5:55:00 AM	287700.000	73.269	17.992
167.003	29174.406	33682.762	21.280
22904.277	34.277	1.015	14.807
12/11/2016 6:00:00 AM	288000.000	73.265	17.992
166.994	29171.057	33679.152	21.277
22901.824	34.281	1.015	14.809
12/11/2016 6:05:00 AM	288300.000	73.272	17.992
167.010	29175.258	33683.875	21.281
22905.037	34.276	1.015	14.810
12/11/2016 6:10:00 AM	288600.000	73.276	17.991
167.019	29188.066	33699.180	21.291
22915.445	34.261	1.015	14.810
12/11/2016 6:15:00 AM	288900.000	73.278	17.991
167.022	29181.129	33691.172	21.286
22910.000	34.269	1.015	14.810
12/11/2016 6:20:00 AM	289200.000	73.275	17.992
167.017	29190.813	33701.961	21.293
22917.336	34.257	1.015	14.810
12/11/2016 6:25:00 AM	289500.000	73.287	17.992
167.043	29176.973	33685.590	21.282
22906.203	34.274	1.015	14.811
12/11/2016 6:30:00 AM	289800.000	73.286	17.992
167.042	29182.352	33692.066	21.286
22910.605	34.267	1.015	14.811
12/11/2016 6:35:00 AM	290100.000	73.291	17.992
167.052	29173.152	33681.512	21.279
22903.430	34.278	1.015	14.813
12/11/2016 6:40:00 AM	290400.000	73.288	17.992
167.046	29168.480	33676.117	21.275
22899.762	34.284	1.015	14.815
12/11/2016 6:45:00 AM	290700.000	73.283	17.992
167.036	29170.451	33678.520	21.277
22901.395	34.281	1.015	14.817
12/11/2016 6:50:00 AM	291000.000	73.293	17.991
167.057	29170.916	33679.574	21.278
22902.113	34.281	1.015	14.815
12/11/2016 6:55:00 AM	291300.000	73.302	17.992
167.079	29182.205	33692.090	21.286
22910.621	34.267	1.015	14.813
12/11/2016 7:00:00 AM	291600.000	73.287	17.992
167.044	29183.670	33693.840	21.287
22911.813	34.266	1.015	14.812
12/11/2016 7:05:00 AM	291900.000	73.310	17.992
167.095	29177.814	33687.023	21.283
22907.178	34.273	1.015	14.812
12/11/2016 7:10:00 AM	292200.000	73.312	17.992
167.102	29181.146	33691.063	21.286
22909.924	34.269	1.015	14.813

12/11/2016 7:15:00 AM	292500.000	73.313	17.992
167.104	29160.260	33666.754	21.269
22893.395	34.293	1.015	14.814
12/11/2016 7:20:00 AM	292800.000	73.316	17.992
167.110	29188.689	33699.707	21.292
22915.803	34.260	1.015	14.814
12/11/2016 7:25:00 AM	293100.000	73.319	17.992
167.116	29183.203	33693.242	21.287
22911.406	34.266	1.015	14.815
12/11/2016 7:30:00 AM	293400.000	73.320	17.992
167.120	29176.479	33685.352	21.282
22906.041	34.274	1.015	14.815
12/11/2016 7:35:00 AM	293700.000	73.319	17.992
167.116	29189.174	33700.008	21.292
22916.006	34.259	1.015	14.816
12/11/2016 7:40:00 AM	294000.000	73.317	17.992
167.112	29173.826	33682.547	21.280
22904.135	34.277	1.015	14.816
12/11/2016 7:45:00 AM	294300.000	73.320	17.992
167.119	29194.537	33706.387	21.296
22920.346	34.253	1.015	14.817
12/11/2016 7:50:00 AM	294600.000	73.324	17.992
167.128	29179.590	33689.203	21.284
22908.658	34.271	1.015	14.815
12/11/2016 7:55:00 AM	294900.000	73.323	17.992
167.125	29178.385	33687.613	21.283
22907.580	34.272	1.015	14.813
12/11/2016 8:00:00 AM	295200.000	73.330	17.992
167.142	29191.217	33702.625	21.294
22917.785	34.257	1.015	14.810
12/11/2016 8:05:00 AM	295500.000	73.338	17.992
167.160	29178.621	33688.008	21.283
22907.846	34.272	1.015	14.812
12/11/2016 8:10:00 AM	295800.000	73.341	17.992
167.166	29183.404	33693.406	21.287
22911.516	34.266	1.015	14.814
12/11/2016 8:15:00 AM	296100.000	73.341	17.992
167.168	29176.770	33685.816	21.282
22906.357	34.274	1.015	14.816
12/11/2016 8:20:00 AM	296400.000	73.345	17.992
167.176	29183.973	33694.188	21.288
22912.049	34.265	1.015	14.816
12/11/2016 8:25:00 AM	296700.000	73.345	17.992
167.175	29185.516	33695.785	21.289
22913.135	34.264	1.015	14.816
12/11/2016 8:30:00 AM	297000.000	73.344	17.992
167.175	29182.555	33692.172	21.286
22910.680	34.267	1.015	14.816
12/11/2016 8:35:00 AM	297300.000	73.348	17.992
167.182	29186.221	33696.402	21.289
22913.555	34.263	1.015	14.816
12/11/2016 8:40:00 AM	297600.000	73.348	17.992
167.182	29182.596	33692.543	21.287
22910.930	34.267	1.015	14.815

12/11/2016 8:45:00 AM	297900.000	73.349	17.992
167.185	29168.885	33676.387	21.275
22899.943	34.283	1.015	14.814
12/11/2016 8:50:00 AM	298200.000	73.349	17.991
167.184	29181.791	33691.867	21.286
22910.471	34.268	1.015	14.816
12/11/2016 8:55:00 AM	298500.000	73.349	17.992
167.184	29174.766	33683.559	21.280
22904.822	34.276	1.015	14.818
12/11/2016 9:00:00 AM	298800.000	73.348	17.992
167.183	29190.295	33701.301	21.293
22916.885	34.258	1.015	14.820
12/11/2016 9:05:00 AM	299100.000	73.349	17.991
167.185	29167.488	33675.422	21.275
22899.289	34.285	1.015	14.820
12/11/2016 9:10:00 AM	299400.000	73.348	17.992
167.183	29189.381	33700.246	21.292
22916.168	34.259	1.015	14.820
12/11/2016 9:15:00 AM	299700.000	73.345	17.991
167.176	29171.709	33680.359	21.278
22902.645	34.280	1.015	14.820
12/11/2016 9:20:00 AM	300000.000	73.350	17.992
167.187	29172.609	33680.883	21.278
22903.002	34.279	1.015	14.822
12/11/2016 9:25:00 AM	300300.000	73.352	17.992
167.193	29173.475	33682.141	21.279
22903.855	34.278	1.015	14.824
12/11/2016 9:30:00 AM	300600.000	73.328	17.992
167.137	29174.127	33682.637	21.280
22904.193	34.277	1.015	14.826
12/11/2016 9:35:00 AM	300900.000	73.347	17.992
167.180	29161.016	33667.496	21.269
22893.900	34.292	1.015	14.825
12/11/2016 9:40:00 AM	301200.000	73.349	17.992
167.184	29168.842	33676.793	21.276
22900.219	34.283	1.015	14.825
12/11/2016 9:45:00 AM	301500.000	73.349	17.992
167.184	29185.459	33695.777	21.289
22913.129	34.264	1.015	14.824
12/11/2016 9:50:00 AM	301800.000	73.349	17.992
167.184	29176.275	33685.301	21.282
22906.006	34.274	1.015	14.823
12/11/2016 9:55:00 AM	302100.000	73.351	17.992
167.190	29180.250	33689.891	21.285
22909.127	34.270	1.015	14.823
12/11/2016 10:00:00 AM	302400.000	73.349	17.992
167.184	29166.426	33673.680	21.273
22898.102	34.286	1.015	14.822
12/11/2016 10:05:00 AM	302700.000	73.352	17.992
167.191	29184.396	33694.492	21.288
22912.256	34.265	1.015	14.821
12/11/2016 10:10:00 AM	303000.000	73.348	17.992
167.182	29172.320	33680.871	21.278
22902.994	34.279	1.015	14.820

12/11/2016 10:15:00 AM	303300.000	73.345	17.991
167.176	29178.688	33688.285	21.284
22908.033	34.272	1.015	14.820
12/11/2016 10:20:00 AM	303600.000	73.347	17.992
167.181	29179.443	33688.773	21.284
22908.367	34.271	1.015	14.819
12/11/2016 10:25:00 AM	303900.000	73.349	17.991
167.185	29182.197	33692.336	21.286
22910.789	34.267	1.015	14.819
12/11/2016 10:30:00 AM	304200.000	73.347	17.992
167.180	29176.303	33685.012	21.281
22905.809	34.274	1.015	14.818
12/11/2016 10:35:00 AM	304500.000	73.341	17.992
167.166	29174.656	33683.434	21.280
22904.736	34.276	1.015	14.819
12/11/2016 10:40:00 AM	304800.000	73.336	17.992
167.155	29171.559	33679.855	21.278
22902.303	34.280	1.015	14.820
12/11/2016 10:45:00 AM	305100.000	73.334	17.992
167.151	29189.432	33700.305	21.292
22916.209	34.259	1.015	14.821
12/11/2016 10:50:00 AM	305400.000	73.338	17.992
167.161	29183.920	33693.805	21.287
22911.789	34.265	1.015	14.820
12/11/2016 10:55:00 AM	305700.000	73.337	17.991
167.158	29184.721	33695.512	21.289
22912.949	34.265	1.015	14.819
12/11/2016 11:00:00 AM	306000.000	73.336	17.992
167.155	29191.293	33702.586	21.294
22917.760	34.257	1.015	14.818
12/11/2016 11:05:00 AM	306300.000	73.334	17.992
167.150	29190.381	33701.402	21.293
22916.953	34.258	1.015	14.818
12/11/2016 11:10:00 AM	306600.000	73.328	17.992
167.138	29179.443	33689.094	21.284
22908.584	34.271	1.015	14.819
12/11/2016 11:15:00 AM	306900.000	73.322	17.992
167.124	29173.197	33681.621	21.279
22903.504	34.278	1.015	14.819
12/11/2016 11:20:00 AM	307200.000	73.321	17.991
167.120	29167.953	33675.961	21.275
22899.656	34.284	1.015	14.816
12/11/2016 11:25:00 AM	307500.000	73.317	17.991
167.112	29170.660	33679.016	21.277
22901.732	34.281	1.015	14.814
12/11/2016 11:30:00 AM	307800.000	73.322	17.991
167.122	29170.391	33678.836	21.277
22901.611	34.281	1.015	14.812
12/11/2016 11:35:00 AM	308100.000	73.316	17.992
167.109	29191.584	33702.922	21.294
22917.988	34.256	1.015	14.813
12/11/2016 11:40:00 AM	308400.000	73.314	17.992
167.105	29161.172	33667.863	21.269
22894.148	34.292	1.015	14.814

12/11/2016 11:45:00 AM	308700.000	73.309	17.991
167.094	29165.395	33673.066	21.273
22897.686	34.287	1.015	14.816
12/11/2016 11:50:00 AM	309000.000	73.304	17.991
167.083	29170.096	33678.434	21.277
22901.336	34.282	1.015	14.816
12/11/2016 11:55:00 AM	309300.000	73.296	17.992
167.065	29177.883	33687.230	21.283
22907.318	34.273	1.015	14.816
12/11/2016 12:00:00 PM	309600.000	73.298	17.992
167.068	29164.279	33671.199	21.272
22896.418	34.289	1.015	14.816
12/11/2016 12:05:00 PM	309900.000	73.294	17.992
167.059	29176.330	33685.238	21.281
22905.965	34.274	1.015	14.813
12/11/2016 12:10:00 PM	310200.000	73.291	17.992
167.053	29186.430	33696.703	21.289
22913.760	34.262	1.015	14.809
12/11/2016 12:15:00 PM	310500.000	73.295	17.992
167.061	29191.914	33703.301	21.294
22918.246	34.256	1.015	14.806
12/11/2016 12:20:00 PM	310800.000	73.268	17.992
167.000	29179.746	33689.254	21.284
22908.695	34.270	1.015	14.806
12/11/2016 12:25:00 PM	311100.000	73.263	17.992
166.990	29185.662	33696.137	21.289
22913.373	34.263	1.015	14.806
12/11/2016 12:30:00 PM	311400.000	73.272	17.991
167.010	29179.033	33689.137	21.284
22908.615	34.271	1.015	14.806
12/11/2016 12:35:00 PM	311700.000	73.276	17.992
167.018	29165.328	33672.535	21.273
22897.326	34.287	1.015	14.806
12/11/2016 12:40:00 PM	312000.000	73.252	17.992
166.964	29186.988	33697.348	21.290
22914.197	34.262	1.015	14.805
12/11/2016 12:45:00 PM	312300.000	73.253	17.992
166.967	29171.051	33679.215	21.277
22901.869	34.281	1.015	14.805
12/11/2016 12:50:00 PM	312600.000	73.262	17.991
166.987	29178.531	33688.105	21.283
22907.914	34.272	1.015	14.803
12/11/2016 12:55:00 PM	312900.000	73.257	17.991
166.976	29174.920	33683.938	21.281
22905.078	34.276	1.015	14.801
12/11/2016 1:00:00 PM	313200.000	73.262	17.991
166.987	29181.100	33691.070	21.286
22909.930	34.269	1.015	14.799
12/11/2016 1:05:00 PM	313500.000	73.260	17.991
166.982	29170.057	33678.387	21.277
22901.305	34.282	1.015	14.798
12/11/2016 1:10:00 PM	313800.000	73.254	17.992
166.969	29162.715	33669.719	21.271
22895.408	34.290	1.015	14.798

12/11/2016 1:15:00 PM	314100.000	73.255	17.992
166.970	29179.543	33688.949	21.284
22908.488	34.271	1.015	14.798
12/11/2016 1:20:00 PM	314400.000	73.250	17.991
166.960	29169.641	33677.840	21.276
22900.932	34.282	1.015	14.799
12/11/2016 1:25:00 PM	314700.000	73.244	17.991
166.946	29181.158	33691.207	21.286
22910.023	34.269	1.015	14.799
12/11/2016 1:30:00 PM	315000.000	73.239	17.991
166.935	29186.777	33697.949	21.290
22914.605	34.262	1.015	14.800
12/11/2016 1:35:00 PM	315300.000	73.234	17.992
166.922	29173.420	33682.004	21.279
22903.766	34.278	1.015	14.801
12/11/2016 1:40:00 PM	315600.000	73.225	17.992
166.902	29185.633	33696.105	21.289
22913.354	34.263	1.015	14.802
12/11/2016 1:45:00 PM	315900.000	73.226	17.992
166.906	29167.102	33674.848	21.274
22898.896	34.285	1.015	14.803
12/11/2016 1:50:00 PM	316200.000	73.221	17.992
166.892	29163.313	33670.281	21.271
22895.793	34.290	1.015	14.802
12/11/2016 1:55:00 PM	316500.000	73.222	17.992
166.896	29175.172	33683.902	21.281
22905.057	34.276	1.015	14.801
12/11/2016 2:00:00 PM	316800.000	73.223	17.992
166.897	29171.906	33680.133	21.278
22902.490	34.280	1.015	14.799
12/11/2016 2:05:00 PM	317100.000	73.219	17.992
166.889	29183.232	33693.332	21.287
22911.469	34.266	1.015	14.801
12/11/2016 2:10:00 PM	317400.000	73.212	17.991
166.872	29174.232	33683.211	21.280
22904.584	34.277	1.015	14.802
12/11/2016 2:15:00 PM	317700.000	73.205	17.992
166.857	29161.416	33667.961	21.269
22894.215	34.292	1.015	14.803
12/11/2016 2:20:00 PM	318000.000	73.200	17.991
166.845	29181.252	33691.438	21.286
22910.180	34.269	1.015	14.804
12/11/2016 2:25:00 PM	318300.000	73.202	17.991
166.851	29155.400	33661.723	21.265
22889.973	34.299	1.015	14.806
12/11/2016 2:30:00 PM	318600.000	73.192	17.992
166.827	29181.633	33691.488	21.286
22910.213	34.268	1.015	14.807
12/11/2016 2:35:00 PM	318900.000	73.190	17.992
166.823	29193.418	33705.168	21.295
22919.516	34.254	1.015	14.805
12/11/2016 2:40:00 PM	319200.000	73.193	17.992
166.829	29166.199	33673.543	21.273
22898.010	34.286	1.015	14.804

12/11/2016 2:45:00 PM	319500.000	73.187	17.992
166.815	29178.336	33687.680	21.283
22907.623	34.272	1.015	14.802
12/11/2016 2:50:00 PM	319800.000	73.185	17.992
166.811	29183.520	33693.480	21.287
22911.568	34.266	1.015	14.804
12/11/2016 2:55:00 PM	320100.000	73.164	17.991
166.764	29174.609	33683.770	21.280
22904.965	34.276	1.015	14.807
12/11/2016 3:00:00 PM	320400.000	73.156	17.992
166.744	29172.717	33681.137	21.279
22903.176	34.279	1.015	14.809
12/11/2016 3:05:00 PM	320700.000	73.172	17.992
166.782	29179.939	33689.406	21.284
22908.799	34.270	1.015	14.807
12/11/2016 3:10:00 PM	321000.000	73.168	17.992
166.772	29176.693	33685.598	21.282
22906.209	34.274	1.015	14.805
12/11/2016 3:15:00 PM	321300.000	73.152	17.991
166.735	29176.873	33686.191	21.282
22906.613	34.274	1.015	14.803
12/11/2016 3:20:00 PM	321600.000	73.166	17.992
166.768	29171.404	33679.297	21.277
22901.922	34.280	1.015	14.804
12/11/2016 3:25:00 PM	321900.000	73.164	17.992
166.764	29181.299	33690.914	21.285
22909.822	34.269	1.015	14.804
12/11/2016 3:30:00 PM	322200.000	73.162	17.991
166.760	29161.174	33668.324	21.270
22894.463	34.292	1.015	14.804
12/11/2016 3:35:00 PM	322500.000	73.160	17.991
166.754	29191.645	33703.313	21.294
22918.254	34.256	1.015	14.805
12/11/2016 3:40:00 PM	322800.000	73.162	17.991
166.759	29176.914	33686.496	21.282
22906.820	34.274	1.015	14.805
12/11/2016 3:45:00 PM	323100.000	73.166	17.991
166.768	29179.238	33688.922	21.284
22908.469	34.271	1.015	14.805
12/11/2016 3:50:00 PM	323400.000	73.141	17.991
166.712	29172.820	33681.578	21.279
22903.473	34.278	1.015	14.804
12/11/2016 3:55:00 PM	323700.000	73.159	17.991
166.752	29159.516	33666.152	21.268
22892.986	34.294	1.015	14.803
12/11/2016 4:00:00 PM	324000.000	73.152	17.992
166.737	29184.365	33694.586	21.288
22912.318	34.265	1.015	14.802
12/11/2016 4:05:00 PM	324300.000	73.154	17.992
166.740	29175.186	33683.723	21.280
22904.932	34.276	1.015	14.802
12/11/2016 4:10:00 PM	324600.000	73.160	17.992
166.754	29188.016	33698.801	21.291
22915.186	34.261	1.015	14.801

12/11/2016 4:15:00 PM	324900.000	73.155	17.991
166.743	29176.330	33685.695	21.282
22906.275	34.274	1.015	14.801
12/11/2016 4:20:00 PM	325200.000	73.152	17.992
166.735	29186.670	33697.117	21.290
22914.039	34.262	1.015	14.801
12/11/2016 4:25:00 PM	325500.000	73.151	17.991
166.734	29176.484	33685.809	21.282
22906.352	34.274	1.015	14.800
12/11/2016 4:30:00 PM	325800.000	73.153	17.992
166.738	29198.467	33710.867	21.299
22923.391	34.248	1.015	14.799
12/11/2016 4:35:00 PM	326100.000	73.153	17.991
166.738	29181.701	33691.766	21.286
22910.402	34.268	1.015	14.799
12/11/2016 4:40:00 PM	326400.000	73.148	17.992
166.727	29167.480	33675.023	21.274
22899.018	34.285	1.015	14.800
12/11/2016 4:45:00 PM	326700.000	73.149	17.992
166.729	29188.123	33699.055	21.291
22915.357	34.261	1.015	14.800
12/11/2016 4:50:00 PM	327000.000	73.152	17.992
166.736	29191.949	33703.473	21.294
22918.361	34.256	1.015	14.799
12/11/2016 4:55:00 PM	327300.000	73.149	17.991
166.729	29171.297	33679.820	21.278
22902.279	34.280	1.015	14.798
12/11/2016 5:00:00 PM	327600.000	73.148	17.991
166.727	29169.898	33678.207	21.277
22901.182	34.282	1.015	14.797
12/11/2016 5:05:00 PM	327900.000	73.153	17.992
166.738	29183.396	33693.660	21.287
22911.689	34.266	1.015	14.795
12/11/2016 5:10:00 PM	328200.000	73.152	17.992
166.736	29159.914	33666.090	21.268
22892.943	34.294	1.015	14.793
12/11/2016 5:15:00 PM	328500.000	73.150	17.991
166.731	29164.217	33671.707	21.272
22896.764	34.289	1.015	14.791
12/11/2016 5:20:00 PM	328800.000	73.157	17.992
166.746	29180.297	33690.082	21.285
22909.258	34.270	1.015	14.792
12/11/2016 5:25:00 PM	329100.000	73.150	17.991
166.733	29182.914	33693.297	21.287
22911.441	34.267	1.015	14.793
12/11/2016 5:30:00 PM	329400.000	73.151	17.992
166.733	29172.313	33680.477	21.278
22902.725	34.279	1.015	14.794
12/11/2016 5:35:00 PM	329700.000	73.154	17.992
166.740	29188.020	33698.805	21.291
22915.188	34.261	1.015	14.794
12/11/2016 5:40:00 PM	330000.000	73.155	17.992
166.742	29176.711	33685.750	21.282
22906.311	34.274	1.015	14.794

12/11/2016 5:45:00 PM	330300.000	73.151	17.992
166.734	29181.135	33690.855	21.285
22909.783	34.269	1.015	14.794
12/11/2016 5:50:00 PM	330600.000	73.150	17.992
166.731	29179.373	33689.016	21.284
22908.533	34.271	1.015	14.795
12/11/2016 5:55:00 PM	330900.000	73.132	17.991
166.691	29164.279	33671.781	21.272
22896.813	34.289	1.015	14.796
12/11/2016 6:00:00 PM	331200.000	73.159	17.992
166.752	29177.178	33686.418	21.282
22906.766	34.273	1.015	14.797
12/11/2016 6:05:00 PM	331500.000	73.157	17.991
166.748	29186.867	33698.117	21.290
22914.723	34.262	1.015	14.798
12/11/2016 6:10:00 PM	331800.000	73.155	17.992
166.744	29164.420	33671.559	21.272
22896.662	34.288	1.015	14.799
12/11/2016 6:15:00 PM	332100.000	73.156	17.992
166.746	29173.973	33682.645	21.280
22904.199	34.277	1.015	14.800
12/11/2016 6:20:00 PM	332400.000	73.157	17.991
166.747	29171.652	33680.230	21.278
22902.557	34.280	1.015	14.800
12/11/2016 6:25:00 PM	332700.000	73.158	17.992
166.749	29172.402	33680.773	21.278
22902.928	34.279	1.015	14.800
12/11/2016 6:30:00 PM	333000.000	73.161	17.992
166.757	29171.109	33679.086	21.277
22901.781	34.280	1.015	14.800
12/11/2016 6:35:00 PM	333300.000	73.165	17.992
166.765	29175.262	33684.203	21.281
22905.258	34.276	1.015	14.798
12/11/2016 6:40:00 PM	333600.000	73.164	17.992
166.764	29175.762	33684.707	21.281
22905.604	34.275	1.015	14.796
12/11/2016 6:45:00 PM	333900.000	73.170	17.992
166.778	29184.471	33694.762	21.288
22912.439	34.265	1.015	14.794
12/11/2016 6:50:00 PM	334200.000	73.174	17.992
166.786	29173.826	33682.547	21.280
22904.135	34.277	1.015	14.793
12/11/2016 6:55:00 PM	334500.000	73.172	17.992
166.781	29180.619	33690.316	21.285
22909.416	34.269	1.015	14.792
12/11/2016 7:00:00 PM	334800.000	73.173	17.991
166.783	29192.887	33704.746	21.295
22919.230	34.255	1.015	14.791
12/11/2016 7:05:00 PM	335100.000	73.177	17.992
166.792	29184.359	33694.633	21.288
22912.352	34.265	1.015	14.792
12/11/2016 7:10:00 PM	335400.000	73.183	17.992
166.806	29192.947	33704.688	21.295
22919.189	34.255	1.015	14.792

12/11/2016 7:15:00 PM	335700.000	73.181	17.991
166.803	29181.205	33691.453	21.286
22910.189	34.269	1.015	14.793
12/11/2016 7:20:00 PM	336000.000	73.174	17.992
166.786	29180.799	33690.203	21.285
22909.340	34.269	1.015	14.795
12/11/2016 7:25:00 PM	336300.000	73.163	17.991
166.760	29166.529	33674.508	21.274
22898.666	34.286	1.015	14.797
12/11/2016 7:30:00 PM	336600.000	73.187	17.991
166.816	29178.234	33687.891	21.283
22907.766	34.272	1.015	14.799
12/11/2016 7:35:00 PM	336900.000	73.185	17.992
166.811	29186.164	33696.793	21.289
22913.822	34.263	1.015	14.798
12/11/2016 7:40:00 PM	337200.000	73.186	17.991
166.814	29188.922	33700.492	21.292
22916.334	34.260	1.015	14.796
12/11/2016 7:45:00 PM	337500.000	73.192	17.992
166.828	29165.734	33672.883	21.273
22897.563	34.287	1.015	14.795
12/11/2016 7:50:00 PM	337800.000	73.195	17.991
166.835	29187.773	33698.906	21.291
22915.256	34.261	1.015	14.794
12/11/2016 7:55:00 PM	338100.000	73.196	17.991
166.837	29168.990	33677.156	21.276
22900.469	34.283	1.015	14.793
12/11/2016 8:00:00 PM	338400.000	73.195	17.991
166.835	29170.252	33678.613	21.277
22901.459	34.282	1.015	14.792
12/11/2016 8:05:00 PM	338700.000	73.201	17.992
166.847	29175.580	33684.500	21.281
22905.463	34.275	1.015	14.794
12/11/2016 8:10:00 PM	339000.000	73.199	17.992
166.842	29178.281	33687.492	21.283
22907.496	34.272	1.015	14.795
12/11/2016 8:15:00 PM	339300.000	73.201	17.992
166.847	29181.863	33691.695	21.286
22910.355	34.268	1.015	14.797
12/11/2016 8:20:00 PM	339600.000	73.205	17.991
166.857	29174.430	33683.500	21.280
22904.779	34.277	1.015	14.797
12/11/2016 8:25:00 PM	339900.000	73.206	17.992
166.860	29174.467	33683.027	21.280
22904.461	34.277	1.015	14.798
12/11/2016 8:30:00 PM	340200.000	73.209	17.992
166.867	29180.787	33690.453	21.285
22909.510	34.269	1.015	14.798
12/11/2016 8:35:00 PM	340500.000	73.209	17.991
166.866	29171.406	33680.008	21.278
22902.406	34.280	1.015	14.798
12/11/2016 8:40:00 PM	340800.000	73.205	17.991
166.857	29174.006	33682.949	21.280
22904.408	34.277	1.015	14.798

12/11/2016 8:45:00 PM	341100.000	73.186	17.991
166.813	29181.242	33691.426	21.286
22910.172	34.269	1.015	14.798
12/11/2016 8:50:00 PM	341400.000	73.210	17.991
166.869	29174.461	33683.406	21.280
22904.719	34.277	1.015	14.796
12/11/2016 8:55:00 PM	341700.000	73.216	17.992
166.881	29190.623	33702.004	21.293
22917.363	34.258	1.015	14.793
12/11/2016 9:00:00 PM	342000.000	73.222	17.992
166.896	29179.396	33689.043	21.284
22908.551	34.271	1.015	14.790
12/11/2016 9:05:00 PM	342300.000	73.225	17.992
166.902	29180.732	33690.520	21.285
22909.553	34.269	1.015	14.791
12/11/2016 9:10:00 PM	342600.000	73.228	17.992
166.909	29184.102	33694.410	21.288
22912.201	34.265	1.015	14.792
12/11/2016 9:15:00 PM	342900.000	73.226	17.991
166.904	29183.500	33694.035	21.288
22911.945	34.266	1.015	14.793
12/11/2016 9:20:00 PM	343200.000	73.223	17.992
166.899	29182.750	33692.777	21.287
22911.090	34.267	1.015	14.794
12/11/2016 9:25:00 PM	343500.000	73.228	17.991
166.909	29184.813	33695.488	21.289
22912.934	34.264	1.015	14.794
12/11/2016 9:30:00 PM	343800.000	73.227	17.992
166.908	29183.115	33693.074	21.287
22911.293	34.266	1.015	14.795
12/11/2016 9:35:00 PM	344100.000	73.225	17.992
166.903	29175.572	33684.488	21.281
22905.455	34.275	1.015	14.793
12/11/2016 9:40:00 PM	344400.000	73.234	17.992
166.924	29168.297	33676.227	21.275
22899.836	34.284	1.015	14.791
12/11/2016 9:45:00 PM	344700.000	73.234	17.992
166.923	29188.111	33698.965	21.291
22915.299	34.261	1.015	14.789
12/11/2016 9:50:00 PM	345000.000	73.232	17.991
166.919	29177.154	33686.707	21.282
22906.961	34.273	1.015	14.791
12/11/2016 9:55:00 PM	345300.000	73.237	17.992
166.930	29174.971	33683.867	21.281
22905.031	34.276	1.015	14.792
12/11/2016 10:00:00 PM	345600.000	73.239	17.992
166.935	29173.137	33681.492	21.279
22903.416	34.278	1.015	14.794
12/11/2016 10:05:00 PM	345900.000	73.237	17.991
166.930	29166.982	33674.840	21.274
22898.891	34.285	1.015	14.793
12/11/2016 10:10:00 PM	346200.000	73.236	17.991
166.927	29170.105	33678.637	21.277
22901.475	34.282	1.015	14.792

12/11/2016 10:15:00 PM	346500.000	73.242	17.992
166.940	29188.764	33699.664	21.292
22915.773	34.260	1.015	14.792
12/11/2016 10:20:00 PM	346800.000	73.242	17.991
166.941	29173.764	33682.602	21.280
22904.172	34.277	1.015	14.791
12/11/2016 10:25:00 PM	347100.000	73.242	17.992
166.941	29177.781	33687.113	21.283
22907.238	34.273	1.015	14.791
12/11/2016 10:30:00 PM	347400.000	73.246	17.992
166.949	29176.869	33686.063	21.282
22906.525	34.274	1.015	14.791
12/11/2016 10:35:00 PM	347700.000	73.246	17.992
166.950	29157.498	33663.496	21.266
22891.178	34.296	1.015	14.794
12/11/2016 10:40:00 PM	348000.000	73.245	17.992
166.948	29172.203	33680.738	21.278
22902.902	34.279	1.015	14.796
12/11/2016 10:45:00 PM	348300.000	73.235	17.992
166.925	29176.020	33685.141	21.281
22905.896	34.275	1.015	14.799
12/11/2016 10:50:00 PM	348600.000	73.243	17.991
166.944	29174.377	33683.309	21.280
22904.652	34.277	1.015	14.798
12/11/2016 10:55:00 PM	348900.000	73.242	17.992
166.942	29187.129	33697.582	21.290
22914.355	34.262	1.015	14.796
12/11/2016 11:00:00 PM	349200.000	73.244	17.992
166.946	29192.957	33704.504	21.295
22919.064	34.255	1.015	14.795
12/11/2016 11:05:00 PM	349500.000	73.239	17.991
166.935	29179.236	33688.988	21.284
22908.512	34.271	1.015	14.795
12/11/2016 11:10:00 PM	349800.000	73.245	17.991
166.949	29176.912	33686.234	21.282
22906.639	34.274	1.015	14.794
12/11/2016 11:15:00 PM	350100.000	73.243	17.991
166.942	29166.338	33674.094	21.274
22898.387	34.286	1.015	14.794
12/11/2016 11:20:00 PM	350400.000	73.241	17.992
166.940	29200.242	33713.047	21.301
22924.873	34.246	1.015	14.795
12/11/2016 11:25:00 PM	350700.000	73.240	17.991
166.937	29167.539	33675.414	21.275
22899.283	34.285	1.015	14.796
12/11/2016 11:30:00 PM	351000.000	73.239	17.991
166.935	29173.658	33682.547	21.280
22904.135	34.277	1.015	14.797
12/11/2016 11:35:00 PM	351300.000	73.243	17.992
166.944	29163.217	33669.973	21.271
22895.582	34.290	1.015	14.797
12/11/2016 11:40:00 PM	351600.000	73.242	17.992
166.941	29185.764	33696.328	21.289
22913.506	34.263	1.015	14.797

12/11/2016 11:45:00 PM	351900.000	73.240	17.991
166.937	29176.633	33686.234	21.282
22906.639	34.274	1.015	14.796
12/11/2016 11:50:00 PM	352200.000	73.218	17.992
166.886	29178.521	33687.895	21.283
22907.768	34.272	1.015	14.794
12/11/2016 11:55:00 PM	352500.000	73.246	17.991
166.950	29170.729	33679.227	21.277
22901.877	34.281	1.015	14.793
12/12/2016 12:00:00 AM	352800.000	73.243	17.991
166.944	29173.715	33682.676	21.280
22904.223	34.277	1.015	14.791
12/12/2016 12:05:00 AM	353100.000	73.225	17.991
166.903	29183.508	33693.918	21.287
22911.867	34.266	1.015	14.794
12/12/2016 12:10:00 AM	353400.000	73.219	17.992
166.888	29170.992	33679.145	21.277
22901.818	34.281	1.015	14.797
12/12/2016 12:15:00 AM	353700.000	73.235	17.991
166.924	29181.150	33691.129	21.286
22909.969	34.269	1.015	14.799
12/12/2016 12:20:00 AM	354000.000	73.235	17.992
166.926	29184.953	33694.996	21.288
22912.600	34.264	1.015	14.796
12/12/2016 12:25:00 AM	354300.000	73.232	17.992
166.919	29180.951	33690.836	21.285
22909.771	34.269	1.015	14.793
12/12/2016 12:30:00 AM	354600.000	73.239	17.991
166.935	29170.541	33679.008	21.277
22901.727	34.281	1.015	14.790
12/12/2016 12:35:00 AM	354900.000	73.234	17.992
166.923	29182.814	33692.988	21.287
22911.234	34.267	1.015	14.792
12/12/2016 12:40:00 AM	355200.000	73.232	17.992
166.919	29183.320	33693.309	21.287
22911.449	34.266	1.015	14.793
12/12/2016 12:45:00 AM	355500.000	73.228	17.991
166.908	29177.188	33686.813	21.283
22907.033	34.273	1.015	14.795
12/12/2016 12:50:00 AM	355800.000	73.229	17.992
166.912	29178.568	33687.625	21.283
22907.588	34.272	1.015	14.796
12/12/2016 12:55:00 AM	356100.000	73.229	17.991
166.911	29176.031	33685.219	21.281
22905.951	34.275	1.015	14.797
12/12/2016 1:00:00 AM	356400.000	73.250	17.991
166.958	29187.270	33698.262	21.291
22914.820	34.262	1.015	14.798
12/12/2016 1:05:00 AM	356700.000	73.227	17.992
166.906	29178.840	33688.336	21.284
22908.070	34.271	1.015	14.798
12/12/2016 1:10:00 AM	357000.000	73.226	17.991
166.904	29173.678	33682.500	21.280
22904.100	34.277	1.015	14.797

12/12/2016 1:15:00 AM	357300.000	73.225	17.992
166.903	29176.932	33685.934	21.282
22906.438	34.274	1.015	14.797
12/12/2016 1:20:00 AM	357600.000	73.225	17.991
166.902	29166.027	33673.992	21.274
22898.316	34.286	1.015	14.796
12/12/2016 1:25:00 AM	357900.000	73.222	17.992
166.895	29181.625	33691.352	21.286
22910.119	34.268	1.015	14.795
12/12/2016 1:30:00 AM	358200.000	73.222	17.991
166.895	29169.252	33677.391	21.276
22900.625	34.283	1.015	14.794
12/12/2016 1:35:00 AM	358500.000	73.220	17.992
166.892	29161.619	33668.453	21.270
22894.551	34.292	1.015	14.794
12/12/2016 1:40:00 AM	358800.000	73.225	17.992
166.901	29163.674	33670.566	21.271
22895.986	34.289	1.015	14.794
12/12/2016 1:45:00 AM	359100.000	73.221	17.992
166.893	29176.121	33685.066	21.281
22905.848	34.275	1.015	14.794
12/12/2016 1:50:00 AM	359400.000	73.224	17.991
166.900	29185.896	33696.738	21.289
22913.783	34.263	1.015	14.792
12/12/2016 1:55:00 AM	359700.000	73.219	17.992
166.889	29184.223	33694.422	21.288
22912.209	34.265	1.015	14.791
12/12/2016 2:00:00 AM	360000.000	73.224	17.992
166.900	29178.252	33687.582	21.283
22907.559	34.272	1.015	14.790
12/12/2016 2:05:00 AM	360300.000	73.224	17.991
166.900	29170.715	33679.148	21.277
22901.820	34.281	1.015	14.789
12/12/2016 2:10:00 AM	360600.000	73.221	17.991
166.892	29179.043	33688.887	21.284
22908.445	34.271	1.015	14.789
12/12/2016 2:15:00 AM	360900.000	73.222	17.992
166.895	29188.707	33699.727	21.292
22915.814	34.260	1.015	14.789
12/12/2016 2:20:00 AM	361200.000	73.222	17.992
166.895	29178.029	33687.324	21.283
22907.381	34.272	1.015	14.792
12/12/2016 2:25:00 AM	361500.000	73.216	17.991
166.882	29188.121	33699.176	21.291
22915.439	34.261	1.015	14.794
12/12/2016 2:30:00 AM	361800.000	73.197	17.991
166.839	29185.670	33696.348	21.289
22913.520	34.263	1.015	14.797
12/12/2016 2:35:00 AM	362100.000	73.215	17.992
166.879	29171.150	33679.383	21.277
22901.980	34.280	1.015	14.796
12/12/2016 2:40:00 AM	362400.000	73.215	17.991
166.880	29177.439	33687.168	21.283
22907.275	34.273	1.015	14.796

12/12/2016 2:45:00 AM	362700.000	73.199	17.992
166.843	29184.359	33694.508	21.288
22912.266	34.265	1.015	14.795
12/12/2016 2:50:00 AM	363000.000	73.219	17.992
166.888	29184.512	33694.883	21.288
22912.523	34.265	1.015	14.795
12/12/2016 2:55:00 AM	363300.000	73.219	17.991
166.888	29174.510	33683.461	21.280
22904.754	34.276	1.015	14.795
12/12/2016 3:00:00 AM	363600.000	73.216	17.992
166.881	29187.582	33698.301	21.291
22914.846	34.261	1.015	14.795
12/12/2016 3:05:00 AM	363900.000	73.225	17.992
166.902	29181.047	33690.883	21.285
22909.801	34.269	1.015	14.792
12/12/2016 3:10:00 AM	364200.000	73.226	17.991
166.906	29171.086	33679.703	21.278
22902.201	34.281	1.015	14.789
12/12/2016 3:15:00 AM	364500.000	73.227	17.992
166.906	29174.713	33683.496	21.280
22904.777	34.276	1.015	14.787
12/12/2016 3:20:00 AM	364800.000	73.220	17.992
166.891	29178.602	33688.125	21.283
22907.926	34.272	1.015	14.789
12/12/2016 3:25:00 AM	365100.000	73.219	17.991
166.889	29178.678	33688.273	21.284
22908.025	34.272	1.015	14.791
12/12/2016 3:30:00 AM	365400.000	73.218	17.992
166.887	29172.504	33680.762	21.278
22902.920	34.279	1.015	14.793
12/12/2016 3:35:00 AM	365700.000	73.222	17.992
166.895	29167.592	33675.414	21.275
22899.283	34.285	1.015	14.792
12/12/2016 3:40:00 AM	366000.000	73.222	17.992
166.896	29170.287	33678.461	21.277
22901.354	34.281	1.015	14.791
12/12/2016 3:45:00 AM	366300.000	73.224	17.992
166.900	29184.563	33694.941	21.288
22912.561	34.265	1.015	14.789
12/12/2016 3:50:00 AM	366600.000	73.225	17.992
166.902	29186.863	33697.664	21.290
22914.414	34.262	1.015	14.789
12/12/2016 3:55:00 AM	366900.000	73.230	17.991
166.913	29168.400	33676.477	21.275
22900.006	34.284	1.015	14.788
12/12/2016 4:00:00 AM	367200.000	73.229	17.991
166.913	29183.998	33694.418	21.288
22912.207	34.265	1.015	14.787
12/12/2016 4:05:00 AM	367500.000	73.230	17.992
166.913	29163.393	33670.563	21.271
22895.982	34.290	1.015	14.787
12/12/2016 4:10:00 AM	367800.000	73.232	17.992
166.919	29185.273	33695.828	21.289
22913.166	34.264	1.015	14.787

12/12/2016 4:15:00 AM	368100.000	73.237	17.991
166.930	29175.424	33685.102	21.281
22905.871	34.275	1.015	14.787
12/12/2016 4:20:00 AM	368400.000	73.234	17.992
166.923	29179.043	33688.371	21.284
22908.092	34.271	1.015	14.788
12/12/2016 4:25:00 AM	368700.000	73.234	17.991
166.922	29179.346	33689.113	21.284
22908.598	34.271	1.015	14.789
12/12/2016 4:30:00 AM	369000.000	73.232	17.991
166.919	29170.148	33678.426	21.277
22901.330	34.282	1.015	14.790
12/12/2016 4:35:00 AM	369300.000	73.240	17.991
166.936	29179.332	33689.031	21.284
22908.543	34.271	1.015	14.793
12/12/2016 4:40:00 AM	369600.000	73.235	17.991
166.926	29176.170	33685.379	21.282
22906.059	34.275	1.015	14.795
12/12/2016 4:45:00 AM	369900.000	73.236	17.992
166.927	29168.746	33676.609	21.275
22900.096	34.283	1.015	14.798
12/12/2016 4:50:00 AM	370200.000	73.239	17.992
166.934	29146.285	33650.750	21.257
22882.512	34.310	1.015	14.794
12/12/2016 4:55:00 AM	370500.000	73.243	17.992
166.943	29169.955	33678.078	21.276
22901.094	34.282	1.015	14.791
12/12/2016 5:00:00 AM	370800.000	73.252	17.992
166.963	29173.566	33682.172	21.279
22903.877	34.278	1.015	14.788
12/12/2016 5:05:00 AM	371100.000	73.232	17.991
166.917	29167.902	33675.832	21.275
22899.566	34.284	1.015	14.788
12/12/2016 5:10:00 AM	371400.000	73.255	17.991
166.971	29192.096	33704.090	21.295
22918.783	34.256	1.015	14.787
12/12/2016 5:15:00 AM	371700.000	73.257	17.992
166.974	29168.137	33676.043	21.275
22899.709	34.284	1.015	14.787
12/12/2016 5:20:00 AM	372000.000	73.263	17.992
166.990	29165.092	33672.527	21.273
22897.320	34.288	1.015	14.786
12/12/2016 5:25:00 AM	372300.000	73.260	17.991
166.981	29184.057	33694.484	21.288
22912.250	34.265	1.015	14.786
12/12/2016 5:30:00 AM	372600.000	73.268	17.991
167.001	29186.709	33697.938	21.290
22914.598	34.262	1.015	14.786
12/12/2016 5:35:00 AM	372900.000	73.268	17.992
167.001	29175.369	33684.391	21.281
22905.389	34.275	1.015	14.788
12/12/2016 5:40:00 AM	373200.000	73.269	17.992
167.003	29197.727	33709.816	21.299
22922.676	34.249	1.015	14.791

12/12/2016 5:45:00 AM	373500.000	73.267	17.991
166.998	29177.475	33686.953	21.283
22907.129	34.273	1.015	14.794
12/12/2016 5:50:00 AM	373800.000	73.273	17.991
167.012	29187.928	33699.215	21.291
22915.469	34.261	1.015	14.794
12/12/2016 5:55:00 AM	374100.000	73.273	17.991
167.011	29192.752	33704.523	21.295
22919.076	34.255	1.015	14.794
12/12/2016 6:00:00 AM	374400.000	73.282	17.992
167.033	29170.299	33678.477	21.277
22901.367	34.281	1.015	14.794
12/12/2016 6:05:00 AM	374700.000	73.284	17.992
167.037	29180.393	33690.055	21.285
22909.238	34.270	1.015	14.794
12/12/2016 6:10:00 AM	375000.000	73.269	17.991
167.003	29183.658	33694.023	21.288
22911.936	34.266	1.015	14.794
12/12/2016 6:15:00 AM	375300.000	73.291	17.991
167.053	29182.518	33692.969	21.287
22911.221	34.267	1.015	14.794
12/12/2016 6:20:00 AM	375600.000	73.297	17.991
167.066	29172.094	33680.672	21.278
22902.859	34.279	1.015	14.794
12/12/2016 6:25:00 AM	375900.000	73.298	17.991
167.068	29174.660	33684.023	21.281
22905.139	34.276	1.015	14.793
12/12/2016 6:30:00 AM	376200.000	73.308	17.991
167.093	29175.064	33684.102	21.281
22905.191	34.276	1.015	14.792
12/12/2016 6:35:00 AM	376500.000	73.305	17.991
167.085	29158.160	33664.715	21.267
22892.008	34.296	1.015	14.793
12/12/2016 6:40:00 AM	376800.000	73.309	17.992
167.093	29202.051	33715.004	21.302
22926.205	34.244	1.015	14.794
12/12/2016 6:45:00 AM	377100.000	73.310	17.992
167.096	29179.689	33689.316	21.284
22908.736	34.270	1.015	14.796
12/12/2016 6:50:00 AM	377400.000	73.311	17.992
167.098	29172.658	33680.941	21.278
22903.041	34.279	1.015	14.796
12/12/2016 6:55:00 AM	377700.000	73.314	17.991
167.105	29176.770	33686.199	21.282
22906.617	34.274	1.015	14.797
12/12/2016 7:00:00 AM	378000.000	73.317	17.991
167.112	29197.164	33710.070	21.299
22922.850	34.250	1.015	14.797
12/12/2016 7:05:00 AM	378300.000	73.325	17.991
167.130	29169.594	33677.852	21.276
22900.939	34.282	1.015	14.795
12/12/2016 7:10:00 AM	378600.000	73.327	17.991
167.135	29187.775	33698.969	21.291
22915.301	34.261	1.015	14.793

12/12/2016 7:15:00 AM	378900.000	73.333	17.992
167.149	29178.430	33687.926	21.283
22907.789	34.272	1.015	14.790
12/12/2016 7:20:00 AM	379200.000	73.337	17.992
167.157	29190.600	33701.840	21.293
22917.254	34.258	1.015	14.792
12/12/2016 7:25:00 AM	379500.000	73.334	17.992
167.150	29167.592	33675.414	21.275
22899.283	34.285	1.015	14.794
12/12/2016 7:30:00 AM	379800.000	73.335	17.991
167.154	29187.979	33699.141	21.291
22915.416	34.261	1.015	14.796
12/12/2016 7:35:00 AM	380100.000	73.342	17.991
167.170	29188.723	33700.262	21.292
22916.180	34.260	1.015	14.793
12/12/2016 7:40:00 AM	380400.000	73.348	17.992
167.182	29189.555	33700.770	21.292
22916.525	34.259	1.015	14.791
12/12/2016 7:45:00 AM	380700.000	73.360	17.991
167.209	29177.238	33686.742	21.282
22906.986	34.273	1.015	14.788
12/12/2016 7:50:00 AM	381000.000	73.353	17.992
167.194	29175.727	33684.742	21.281
22905.627	34.275	1.015	14.790
12/12/2016 7:55:00 AM	381300.000	73.363	17.992
167.217	29169.256	33677.141	21.276
22900.455	34.283	1.015	14.792
12/12/2016 8:00:00 AM	381600.000	73.358	17.992
167.206	29162.525	33669.563	21.271
22895.305	34.291	1.015	14.794
12/12/2016 8:05:00 AM	381900.000	73.361	17.991
167.213	29180.385	33690.375	21.285
22909.457	34.270	1.015	14.796
12/12/2016 8:10:00 AM	382200.000	73.365	17.991
167.221	29176.025	33685.277	21.281
22905.988	34.275	1.015	14.799
12/12/2016 8:15:00 AM	382500.000	73.359	17.991
167.208	29172.412	33681.172	21.279
22903.199	34.279	1.015	14.802
12/12/2016 8:20:00 AM	382800.000	73.355	17.991
167.198	29175.578	33684.762	21.281
22905.641	34.275	1.015	14.801
12/12/2016 8:25:00 AM	383100.000	73.362	17.992
167.215	29168.293	33676.086	21.275
22899.740	34.284	1.015	14.801
12/12/2016 8:30:00 AM	383400.000	73.371	17.991
167.235	29175.211	33684.402	21.281
22905.395	34.276	1.015	14.801
12/12/2016 8:35:00 AM	383700.000	73.372	17.992
167.238	29187.719	33698.648	21.291
22915.082	34.261	1.015	14.802
12/12/2016 8:40:00 AM	384000.000	73.374	17.992
167.241	29173.709	33682.477	21.280
22904.086	34.277	1.015	14.804

12/12/2016 8:45:00 AM	384300.000	73.376	17.991
167.246	29186.260	33697.480	21.290
22914.287	34.263	1.015	14.805
12/12/2016 8:50:00 AM	384600.000	73.378	17.991
167.252	29167.188	33675.199	21.274
22899.135	34.285	1.015	14.806
12/12/2016 8:55:00 AM	384900.000	73.379	17.991
167.253	29172.205	33680.867	21.278
22902.992	34.279	1.015	14.807
12/12/2016 9:00:00 AM	385200.000	73.380	17.991
167.255	29187.309	33698.430	21.291
22914.932	34.261	1.015	14.808
12/12/2016 9:05:00 AM	385500.000	73.381	17.992
167.258	29180.748	33690.145	21.285
22909.301	34.269	1.015	14.808
12/12/2016 9:10:00 AM	385800.000	73.385	17.991
167.268	29177.723	33687.492	21.283
22907.496	34.273	1.015	14.808
12/12/2016 9:15:00 AM	386100.000	73.387	17.992
167.271	29180.135	33689.832	21.285
22909.086	34.270	1.015	14.809
12/12/2016 9:20:00 AM	386400.000	73.388	17.992
167.273	29185.412	33695.926	21.289
22913.230	34.264	1.015	14.810
12/12/2016 9:25:00 AM	386700.000	73.390	17.991
167.279	29165.990	33673.754	21.273
22898.152	34.287	1.015	14.810
12/12/2016 9:30:00 AM	387000.000	73.396	17.991
167.293	29178.293	33687.828	21.283
22907.725	34.272	1.015	14.811
12/12/2016 9:35:00 AM	387300.000	73.392	17.991
167.283	29170.193	33678.672	21.277
22901.498	34.282	1.015	14.810
12/12/2016 9:40:00 AM	387600.000	73.393	17.992
167.285	29173.611	33682.227	21.279
22903.916	34.278	1.015	14.809
12/12/2016 9:45:00 AM	387900.000	73.395	17.992
167.290	29184.668	33694.992	21.288
22912.598	34.265	1.015	14.808
12/12/2016 9:50:00 AM	388200.000	73.390	17.991
167.280	29184.211	33694.984	21.288
22912.590	34.265	1.015	14.811
12/12/2016 9:55:00 AM	388500.000	73.393	17.991
167.285	29188.920	33700.168	21.292
22916.117	34.260	1.015	14.813
12/12/2016 10:00:00 AM	388800.000	73.385	17.992
167.268	29189.439	33700.121	21.292
22916.082	34.259	1.015	14.816
12/12/2016 10:05:00 AM	389100.000	73.387	17.991
167.273	29180.695	33690.863	21.285
22909.789	34.269	1.015	14.814
12/12/2016 10:10:00 AM	389400.000	73.390	17.991
167.280	29181.639	33691.691	21.286
22910.352	34.268	1.015	14.812

12/12/2016 10:15:00 AM	389700.000	73.391	17.991
167.282	29175.830	33685.055	21.281
22905.840	34.275	1.015	14.810
12/12/2016 10:20:00 AM	390000.000	73.391	17.992
167.280	29187.734	33698.344	21.291
22914.875	34.261	1.015	14.810
12/12/2016 10:25:00 AM	390300.000	73.389	17.992
167.275	29170.105	33678.250	21.277
22901.213	34.282	1.015	14.811
12/12/2016 10:30:00 AM	390600.000	73.387	17.992
167.271	29187.000	33697.758	21.290
22914.477	34.262	1.015	14.812
12/12/2016 10:35:00 AM	390900.000	73.382	17.992
167.259	29169.535	33677.594	21.276
22900.764	34.282	1.015	14.812
12/12/2016 10:40:00 AM	391200.000	73.364	17.991
167.220	29171.758	33680.414	21.278
22902.684	34.280	1.015	14.812
12/12/2016 10:45:00 AM	391500.000	73.381	17.991
167.259	29172.504	33681.215	21.279
22903.227	34.279	1.015	14.812
12/12/2016 10:50:00 AM	391800.000	73.382	17.991
167.260	29186.480	33697.543	21.290
22914.332	34.262	1.015	14.812
12/12/2016 10:55:00 AM	392100.000	73.382	17.991
167.261	29177.668	33687.301	21.283
22907.365	34.273	1.015	14.811
12/12/2016 11:00:00 AM	392400.000	73.379	17.992
167.252	29158.709	33665.094	21.267
22892.266	34.295	1.015	14.811
12/12/2016 11:05:00 AM	392700.000	73.379	17.992
167.253	29193.018	33704.703	21.295
22919.201	34.255	1.015	14.810
12/12/2016 11:10:00 AM	393000.000	73.375	17.992
167.244	29188.037	33698.953	21.291
22915.291	34.261	1.015	14.809
12/12/2016 11:15:00 AM	393300.000	73.374	17.991
167.241	29187.523	33698.746	21.291
22915.150	34.261	1.015	14.809
12/12/2016 11:20:00 AM	393600.000	73.374	17.992
167.242	29177.814	33687.152	21.283
22907.266	34.273	1.015	14.806
12/12/2016 11:25:00 AM	393900.000	73.375	17.991
167.245	29173.102	33682.027	21.279
22903.779	34.278	1.015	14.802
12/12/2016 11:30:00 AM	394200.000	73.368	17.992
167.229	29168.506	33676.469	21.275
22900.000	34.284	1.015	14.799
12/12/2016 11:35:00 AM	394500.000	73.370	17.992
167.233	29168.242	33675.777	21.275
22899.531	34.284	1.015	14.799
12/12/2016 11:40:00 AM	394800.000	73.367	17.992
167.225	29177.113	33686.215	21.282
22906.627	34.273	1.015	14.798

12/12/2016 11:45:00 AM	395100.000	73.367	17.992
167.226	29179.092	33688.426	21.284
22908.131	34.271	1.015	14.798
12/12/2016 11:50:00 AM	395400.000	73.363	17.992
167.216	29170.910	33679.242	21.277
22901.887	34.281	1.015	14.797
12/12/2016 11:55:00 AM	395700.000	73.360	17.991
167.210	29176.576	33685.848	21.282
22906.377	34.274	1.015	14.795
12/12/2016 12:00:00 PM	396000.000	73.353	17.992
167.195	29183.445	33693.523	21.287
22911.596	34.266	1.015	14.794
12/12/2016 12:05:00 PM	396300.000	73.336	17.991
167.155	29186.164	33696.918	21.290
22913.906	34.263	1.015	14.789
12/12/2016 12:10:00 PM	396600.000	73.358	17.991
167.205	29162.869	33670.152	21.271
22895.705	34.290	1.015	14.784
12/12/2016 12:15:00 PM	396900.000	73.359	17.991
167.208	29167.645	33675.535	21.275
22899.365	34.285	1.015	14.779
12/12/2016 12:20:00 PM	397200.000	73.335	17.991
167.153	29178.932	33688.828	21.284
22908.406	34.271	1.015	14.781
12/12/2016 12:25:00 PM	397500.000	73.350	17.991
167.187	29178.879	33688.699	21.284
22908.318	34.271	1.015	14.783
12/12/2016 12:30:00 PM	397800.000	73.340	17.991
167.166	29188.980	33700.430	21.292
22916.295	34.260	1.015	14.785
12/12/2016 12:35:00 PM	398100.000	73.336	17.991
167.156	29157.559	33664.020	21.267
22891.535	34.296	1.015	14.784
12/12/2016 12:40:00 PM	398400.000	73.330	17.991
167.142	29177.078	33686.426	21.282
22906.771	34.273	1.015	14.784
12/12/2016 12:45:00 PM	398700.000	73.325	17.991
167.130	29167.689	33675.586	21.275
22899.398	34.285	1.015	14.783
12/12/2016 12:50:00 PM	399000.000	73.323	17.991
167.125	29160.824	33667.660	21.269
22894.010	34.293	1.015	14.781
12/12/2016 12:55:00 PM	399300.000	73.324	17.992
167.127	29177.895	33687.309	21.283
22907.369	34.273	1.015	14.779
12/12/2016 1:00:00 PM	399600.000	73.321	17.991
167.121	29174.367	33683.297	21.280
22904.645	34.277	1.015	14.777
12/12/2016 1:05:00 PM	399900.000	73.313	17.992
167.103	29183.107	33693.133	21.287
22911.332	34.266	1.015	14.780
12/12/2016 1:10:00 PM	400200.000	73.309	17.992
167.094	29173.871	33682.598	21.280
22904.168	34.277	1.015	14.782

12/12/2016 1:15:00 PM	400500.000	73.299	17.992
167.070	29173.672	33682.371	21.279
22904.012	34.277	1.015	14.784
12/12/2016 1:20:00 PM	400800.000	73.301	17.991
167.075	29182.400	33692.832	21.287
22911.127	34.267	1.015	14.781
12/12/2016 1:25:00 PM	401100.000	73.300	17.991
167.074	29176.023	33685.211	21.281
22905.945	34.275	1.015	14.777
12/12/2016 1:30:00 PM	401400.000	73.292	17.991
167.055	29164.484	33672.078	21.272
22897.014	34.288	1.015	14.774
12/12/2016 1:35:00 PM	401700.000	73.289	17.991
167.048	29175.027	33684.383	21.281
22905.383	34.276	1.015	14.779
12/12/2016 1:40:00 PM	402000.000	73.281	17.991
167.029	29174.609	33683.645	21.280
22904.881	34.276	1.015	14.784
12/12/2016 1:45:00 PM	402300.000	73.274	17.991
167.014	29175.061	33684.289	21.281
22905.316	34.276	1.015	14.788
12/12/2016 1:50:00 PM	402600.000	73.269	17.992
167.002	29173.658	33682.418	21.279
22904.045	34.277	1.015	14.787
12/12/2016 1:55:00 PM	402900.000	73.262	17.991
166.988	29171.404	33680.328	21.278
22902.625	34.280	1.015	14.785
12/12/2016 2:00:00 PM	403200.000	73.246	17.991
166.950	29161.375	33668.559	21.270
22894.621	34.292	1.015	14.783
12/12/2016 2:05:00 PM	403500.000	73.260	17.992
166.982	29175.518	33684.563	21.281
22905.502	34.275	1.015	14.781
12/12/2016 2:10:00 PM	403800.000	73.234	17.991
166.924	29170.355	33678.734	21.277
22901.541	34.281	1.015	14.779
12/12/2016 2:15:00 PM	404100.000	73.257	17.992
166.976	29173.566	33681.988	21.279
22903.754	34.278	1.015	14.777
12/12/2016 2:20:00 PM	404400.000	73.250	17.991
166.959	29189.543	33700.949	21.292
22916.646	34.259	1.015	14.778
12/12/2016 2:25:00 PM	404700.000	73.243	17.992
166.943	29168.145	33676.051	21.275
22899.715	34.284	1.015	14.780
12/12/2016 2:30:00 PM	405000.000	73.237	17.991
166.929	29194.123	33706.238	21.296
22920.244	34.253	1.015	14.781
12/12/2016 2:35:00 PM	405300.000	73.233	17.992
166.921	29177.115	33686.270	21.282
22906.666	34.273	1.015	14.779
12/12/2016 2:40:00 PM	405600.000	73.231	17.991
166.916	29175.422	33684.582	21.281
22905.518	34.275	1.015	14.778

12/12/2016 2:45:00 PM	405900.000	73.229	17.992
166.912	29182.357	33692.266	21.286
22910.742	34.267	1.015	14.776
12/12/2016 2:50:00 PM	406200.000	73.224	17.991
166.900	29177.633	33687.262	21.283
22907.340	34.273	1.015	14.777
12/12/2016 2:55:00 PM	406500.000	73.225	17.992
166.903	29170.602	33678.887	21.277
22901.645	34.281	1.015	14.778
12/12/2016 3:00:00 PM	406800.000	73.214	17.992
166.878	29176.756	33685.855	21.282
22906.383	34.274	1.015	14.779
12/12/2016 3:05:00 PM	407100.000	73.212	17.992
166.873	29172.051	33680.367	21.278
22902.650	34.279	1.015	14.777
12/12/2016 3:10:00 PM	407400.000	73.211	17.991
166.871	29197.725	33710.332	21.299
22923.027	34.249	1.015	14.776
12/12/2016 3:15:00 PM	407700.000	73.212	17.991
166.872	29170.057	33678.320	21.277
22901.258	34.282	1.015	14.775
12/12/2016 3:20:00 PM	408000.000	73.203	17.991
166.852	29176.324	33685.945	21.282
22906.445	34.274	1.015	14.776
12/12/2016 3:25:00 PM	408300.000	73.199	17.991
166.843	29170.766	33679.207	21.277
22901.863	34.281	1.015	14.777
12/12/2016 3:30:00 PM	408600.000	73.192	17.992
166.827	29187.717	33698.457	21.291
22914.951	34.261	1.015	14.778
12/12/2016 3:35:00 PM	408900.000	73.187	17.992
166.817	29189.514	33700.723	21.292
22916.492	34.259	1.015	14.779
12/12/2016 3:40:00 PM	409200.000	73.185	17.992
166.810	29176.178	33685.262	21.281
22905.979	34.275	1.015	14.779
12/12/2016 3:45:00 PM	409500.000	73.179	17.991
166.798	29176.480	33685.867	21.282
22906.391	34.274	1.015	14.780
12/12/2016 3:50:00 PM	409800.000	73.180	17.991
166.801	29184.105	33694.609	21.288
22912.334	34.265	1.015	14.779
12/12/2016 3:55:00 PM	410100.000	73.178	17.992
166.795	29188.016	33698.855	21.291
22915.225	34.261	1.015	14.777
12/12/2016 4:00:00 PM	410400.000	73.178	17.992
166.796	29173.914	33682.711	21.280
22904.246	34.277	1.015	14.776
12/12/2016 4:05:00 PM	410700.000	73.172	17.991
166.783	29176.777	33686.273	21.282
22906.668	34.274	1.015	14.775
12/12/2016 4:10:00 PM	411000.000	73.172	17.991
166.781	29179.930	33689.910	21.285
22909.139	34.270	1.015	14.773

12/12/2016 4:15:00 PM	411300.000	73.173	17.992
166.785	29182.602	33692.742	21.287
22911.066	34.267	1.015	14.772
12/12/2016 4:20:00 PM	411600.000	73.167	17.991
166.771	29184.055	33694.480	21.288
22912.246	34.265	1.015	14.772
12/12/2016 4:25:00 PM	411900.000	73.164	17.991
166.764	29177.678	33687.121	21.283
22907.244	34.273	1.015	14.773
12/12/2016 4:30:00 PM	412200.000	73.170	17.992
166.776	29167.844	33675.703	21.275
22899.479	34.284	1.015	14.773
12/12/2016 4:35:00 PM	412500.000	73.158	17.991
166.751	29186.912	33698.172	21.290
22914.758	34.262	1.015	14.771
12/12/2016 4:40:00 PM	412800.000	73.145	17.991
166.720	29169.908	33678.410	21.277
22901.320	34.282	1.015	14.769
12/12/2016 4:45:00 PM	413100.000	73.162	17.991
166.758	29173.270	33682.223	21.279
22903.914	34.278	1.015	14.767
12/12/2016 4:50:00 PM	413400.000	73.157	17.991
166.747	29191.043	33702.680	21.294
22917.824	34.257	1.015	14.767
12/12/2016 4:55:00 PM	413700.000	73.162	17.991
166.759	29181.232	33691.418	21.286
22910.166	34.269	1.015	14.766
12/12/2016 5:00:00 PM	414000.000	73.156	17.992
166.745	29175.975	33685.090	21.281
22905.863	34.275	1.015	14.766
12/12/2016 5:05:00 PM	414300.000	73.157	17.992
166.747	29178.531	33687.980	21.283
22907.828	34.272	1.015	14.768
12/12/2016 5:10:00 PM	414600.000	73.152	17.992
166.735	29169.348	33677.379	21.276
22900.617	34.283	1.015	14.770
12/12/2016 5:15:00 PM	414900.000	73.155	17.991
166.743	29179.480	33689.590	21.284
22908.922	34.271	1.015	14.772
12/12/2016 5:20:00 PM	415200.000	73.148	17.992
166.728	29183.434	33693.316	21.287
22911.457	34.266	1.015	14.774
12/12/2016 5:25:00 PM	415500.000	73.142	17.992
166.713	29168.648	33676.633	21.275
22900.111	34.283	1.015	14.776
12/12/2016 5:30:00 PM	415800.000	73.139	17.992
166.707	29159.813	33666.430	21.268
22893.174	34.294	1.015	14.777
12/12/2016 5:35:00 PM	416100.000	73.142	17.991
166.713	29170.490	33678.887	21.277
22901.645	34.281	1.015	14.776
12/12/2016 5:40:00 PM	416400.000	73.146	17.991
166.722	29182.611	33692.883	21.287
22911.162	34.267	1.015	14.774

12/12/2016 5:45:00 PM	416700.000	73.147	17.991
166.724	29197.379	33710.059	21.299
22922.840	34.250	1.015	14.773
12/12/2016 5:50:00 PM	417000.000	73.147	17.992
166.725	29180.633	33690.277	21.285
22909.389	34.269	1.015	14.775
12/12/2016 5:55:00 PM	417300.000	73.143	17.991
166.716	29178.568	33688.340	21.284
22908.074	34.272	1.015	14.777
12/12/2016 6:00:00 PM	417600.000	73.138	17.992
166.705	29173.893	33682.551	21.280
22904.137	34.277	1.015	14.779
12/12/2016 6:05:00 PM	417900.000	73.142	17.992
166.713	29164.479	33671.816	21.272
22896.838	34.288	1.015	14.779
12/12/2016 6:10:00 PM	418200.000	73.143	17.991
166.716	29176.109	33685.570	21.282
22906.189	34.275	1.015	14.780
12/12/2016 6:15:00 PM	418500.000	73.139	17.992
166.707	29179.174	33688.723	21.284
22908.332	34.271	1.015	14.780
12/12/2016 6:20:00 PM	418800.000	73.144	17.991
166.718	29184.461	33694.953	21.288
22912.568	34.265	1.015	14.778
12/12/2016 6:25:00 PM	419100.000	73.146	17.991
166.722	29163.922	33671.238	21.272
22896.443	34.289	1.015	14.777
12/12/2016 6:30:00 PM	419400.000	73.123	17.992
166.671	29172.496	33681.074	21.279
22903.131	34.279	1.015	14.775
12/12/2016 6:35:00 PM	419700.000	73.149	17.991
166.728	29194.092	33706.395	21.296
22920.350	34.254	1.015	14.774
12/12/2016 6:40:00 PM	420000.000	73.152	17.992
166.736	29196.863	33709.016	21.298
22922.133	34.250	1.015	14.773
12/12/2016 6:45:00 PM	420300.000	73.153	17.992
166.738	29183.998	33694.031	21.288
22911.943	34.265	1.015	14.772
12/12/2016 6:50:00 PM	420600.000	73.151	17.992
166.733	29174.152	33682.852	21.280
22904.340	34.277	1.015	14.772
12/12/2016 6:55:00 PM	420900.000	73.153	17.991
166.738	29171.865	33680.410	21.278
22902.682	34.280	1.015	14.772
12/12/2016 7:00:00 PM	421200.000	73.156	17.991
166.746	29188.424	33699.719	21.292
22915.811	34.260	1.015	14.772
12/12/2016 7:05:00 PM	421500.000	73.152	17.992
166.737	29179.930	33689.594	21.284
22908.924	34.270	1.015	14.775
12/12/2016 7:10:00 PM	421800.000	73.152	17.991
166.736	29182.893	33693.141	21.287
22911.336	34.267	1.015	14.777

12/12/2016 7:15:00 PM	422100.000	73.155	17.992
166.744	29178.164	33687.617	21.283
22907.582	34.272	1.015	14.779
12/12/2016 7:20:00 PM	422400.000	73.155	17.991
166.743	29170.541	33679.074	21.277
22901.773	34.281	1.015	14.779
12/12/2016 7:25:00 PM	422700.000	73.158	17.991
166.749	29181.439	33691.656	21.286
22910.328	34.268	1.015	14.779
12/12/2016 7:30:00 PM	423000.000	73.160	17.991
166.754	29196.738	33709.578	21.298
22922.514	34.250	1.015	14.779
12/12/2016 7:35:00 PM	423300.000	73.167	17.991
166.770	29184.508	33695.199	21.288
22912.736	34.265	1.015	14.778
12/12/2016 7:40:00 PM	423600.000	73.172	17.991
166.782	29192.850	33704.828	21.295
22919.285	34.255	1.015	14.776
12/12/2016 7:45:00 PM	423900.000	73.175	17.991
166.788	29189.086	33700.422	21.292
22916.289	34.259	1.015	14.775
12/12/2016 7:50:00 PM	424200.000	73.173	17.992
166.785	29176.516	33685.652	21.282
22906.244	34.274	1.015	14.776
12/12/2016 7:55:00 PM	424500.000	73.178	17.992
166.795	29174.908	33683.539	21.280
22904.809	34.276	1.015	14.777
12/12/2016 8:00:00 PM	424800.000	73.176	17.991
166.790	29192.486	33704.219	21.295
22918.871	34.255	1.015	14.778
12/12/2016 8:05:00 PM	425100.000	73.177	17.991
166.792	29188.676	33699.883	21.292
22915.920	34.260	1.015	14.778
12/12/2016 8:10:00 PM	425400.000	73.180	17.991
166.799	29182.896	33693.469	21.287
22911.561	34.267	1.015	14.777
12/12/2016 8:15:00 PM	425700.000	73.181	17.992
166.802	29182.201	33692.281	21.286
22910.754	34.267	1.015	14.776
12/12/2016 8:20:00 PM	426000.000	73.182	17.992
166.804	29177.924	33687.340	21.283
22907.393	34.272	1.015	14.774
12/12/2016 8:25:00 PM	426300.000	73.194	17.991
166.832	29179.889	33689.738	21.285
22909.023	34.270	1.015	14.773
12/12/2016 8:30:00 PM	426600.000	73.197	17.991
166.839	29177.523	33686.941	21.283
22907.121	34.273	1.015	14.771
12/12/2016 8:35:00 PM	426900.000	73.193	17.992
166.830	29175.260	33684.203	21.281
22905.258	34.276	1.015	14.771
12/12/2016 8:40:00 PM	427200.000	73.200	17.991
166.845	29178.434	33688.059	21.283
22907.883	34.272	1.015	14.771

12/12/2016 8:45:00 PM	427500.000	73.204	17.991
166.855	29177.824	33687.355	21.283
22907.404	34.273	1.015	14.771
12/12/2016 8:50:00 PM	427800.000	73.204	17.991
166.854	29191.641	33703.563	21.294
22918.422	34.256	1.015	14.774
12/12/2016 8:55:00 PM	428100.000	73.205	17.991
166.857	29188.160	33699.480	21.291
22915.648	34.260	1.015	14.776
12/12/2016 9:00:00 PM	428400.000	73.204	17.991
166.854	29159.652	33666.566	21.268
22893.268	34.294	1.015	14.779
12/12/2016 9:05:00 PM	428700.000	73.204	17.991
166.854	29181.188	33691.430	21.286
22910.174	34.269	1.015	14.779
12/12/2016 9:10:00 PM	429000.000	73.204	17.991
166.855	29175.258	33684.324	21.281
22905.340	34.276	1.015	14.780
12/12/2016 9:15:00 PM	429300.000	73.204	17.991
166.854	29180.285	33690.262	21.285
22909.381	34.270	1.015	14.780
12/12/2016 9:20:00 PM	429600.000	73.207	17.991
166.861	29188.076	33699.316	21.291
22915.537	34.261	1.015	14.778
12/12/2016 9:25:00 PM	429900.000	73.214	17.991
166.876	29164.383	33671.770	21.272
22896.803	34.288	1.015	14.777
12/12/2016 9:30:00 PM	430200.000	73.224	17.991
166.899	29174.258	33683.301	21.280
22904.646	34.277	1.015	14.775
12/12/2016 9:35:00 PM	430500.000	73.223	17.991
166.898	29176.119	33685.449	21.282
22906.107	34.275	1.015	14.777
12/12/2016 9:40:00 PM	430800.000	73.224	17.991
166.901	29181.078	33691.113	21.286
22909.957	34.269	1.015	14.778
12/12/2016 9:45:00 PM	431100.000	73.221	17.992
166.893	29189.719	33700.957	21.292
22916.650	34.259	1.015	14.780
12/12/2016 9:50:00 PM	431400.000	73.222	17.992
166.895	29172.533	33681.055	21.279
22903.117	34.279	1.015	14.780
12/12/2016 9:55:00 PM	431700.000	73.225	17.991
166.902	29179.434	33689.277	21.284
22908.711	34.271	1.015	14.781
12/12/2016 10:00:00 PM	432000.000	73.229	17.991
166.912	29186.998	33697.879	21.290
22914.561	34.262	1.015	14.781
12/12/2016 10:05:00 PM	432300.000	73.226	17.991
166.905	29179.932	33689.789	21.285
22909.059	34.270	1.015	14.783
12/12/2016 10:10:00 PM	432600.000	73.222	17.992
166.896	29179.824	33689.473	21.284
22908.842	34.270	1.015	14.784

12/12/2016 10:15:00 PM	432900.000	73.231	17.991
166.916	29174.350	33683.535	21.280
22904.807	34.277	1.015	14.786
12/12/2016 10:20:00 PM	433200.000	73.235	17.992
166.925	29185.256	33695.805	21.289
22913.146	34.264	1.015	14.782
12/12/2016 10:25:00 PM	433500.000	73.213	17.991
166.875	29178.928	33688.629	21.284
22908.268	34.271	1.015	14.778
12/12/2016 10:30:00 PM	433800.000	73.239	17.992
166.934	29177.621	33686.930	21.283
22907.113	34.273	1.015	14.775
12/12/2016 10:35:00 PM	434100.000	73.237	17.992
166.930	29180.188	33689.633	21.285
22908.953	34.270	1.015	14.776
12/12/2016 10:40:00 PM	434400.000	73.235	17.991
166.926	29188.969	33700.414	21.292
22916.283	34.260	1.015	14.778
12/12/2016 10:45:00 PM	434700.000	73.237	17.992
166.930	29191.980	33703.570	21.294
22918.428	34.256	1.015	14.780
12/12/2016 10:50:00 PM	435000.000	73.245	17.991
166.948	29180.295	33690.332	21.285
22909.428	34.270	1.015	14.781
12/12/2016 10:55:00 PM	435300.000	73.245	17.992
166.949	29184.072	33694.051	21.288
22911.957	34.265	1.015	14.781
12/12/2016 11:00:00 PM	435600.000	73.245	17.992
166.947	29190.070	33701.227	21.293
22916.836	34.258	1.015	14.782
12/12/2016 11:05:00 PM	435900.000	73.244	17.992
166.945	29175.982	33685.102	21.281
22905.871	34.275	1.015	14.783
12/12/2016 11:10:00 PM	436200.000	73.242	17.992
166.942	29174.271	33682.988	21.280
22904.432	34.277	1.015	14.785
12/12/2016 11:15:00 PM	436500.000	73.240	17.991
166.936	29185.689	33696.820	21.289
22913.840	34.263	1.015	14.786
12/12/2016 11:20:00 PM	436800.000	73.248	17.992
166.955	29173.148	33681.828	21.279
22903.645	34.278	1.015	14.781
12/12/2016 11:25:00 PM	437100.000	73.256	17.992
166.972	29191.098	33702.359	21.293
22917.605	34.257	1.015	14.777
12/12/2016 11:30:00 PM	437400.000	73.263	17.991
166.988	29176.463	33685.719	21.282
22906.291	34.274	1.015	14.772
12/12/2016 11:35:00 PM	437700.000	73.258	17.991
166.978	29175.170	33684.223	21.281
22905.273	34.276	1.015	14.774
12/12/2016 11:40:00 PM	438000.000	73.254	17.991
166.969	29191.484	33703.129	21.294
22918.129	34.257	1.015	14.776

12/12/2016 11:45:00 PM	438300.000	73.252	17.991
166.964	29190.816	33702.418	21.293
22917.646	34.257	1.015	14.778
12/12/2016 11:50:00 PM	438600.000	73.256	17.991
166.972	29193.258	33705.301	21.295
22919.607	34.254	1.015	14.781
12/12/2016 11:55:00 PM	438900.000	73.234	17.991
166.922	29177.559	33686.980	21.283
22907.148	34.273	1.015	14.783
12/13/2016 12:00:00 AM	439200.000	73.252	17.991
166.963	29176.469	33685.855	21.282
22906.383	34.274	1.015	14.786
12/13/2016 12:05:00 AM	439500.000	73.251	17.991
166.962	29176.234	33685.453	21.282
22906.109	34.274	1.015	14.783
12/13/2016 12:10:00 AM	439800.000	73.254	17.991
166.969	29184.746	33695.602	21.289
22913.012	34.264	1.015	14.780
12/13/2016 12:15:00 AM	440100.000	73.250	17.991
166.959	29168.736	33676.797	21.276
22900.225	34.283	1.015	14.777
12/13/2016 12:20:00 AM	440400.000	73.255	17.992
166.970	29184.146	33694.527	21.288
22912.281	34.265	1.015	14.779
12/13/2016 12:25:00 AM	440700.000	73.257	17.992
166.975	29178.971	33688.355	21.284
22908.082	34.271	1.015	14.782
12/13/2016 12:30:00 AM	441000.000	73.250	17.992
166.959	29188.930	33699.984	21.292
22915.990	34.260	1.015	14.784
12/13/2016 12:35:00 AM	441300.000	73.250	17.992
166.960	29181.176	33691.031	21.285
22909.902	34.269	1.015	14.783
12/13/2016 12:40:00 AM	441600.000	73.249	17.991
166.956	29178.176	33687.887	21.283
22907.764	34.272	1.015	14.782
12/13/2016 12:45:00 AM	441900.000	73.252	17.991
166.964	29181.832	33691.914	21.286
22910.504	34.268	1.015	14.780
12/13/2016 12:50:00 AM	442200.000	73.254	17.991
166.968	29174.916	33684.000	21.281
22905.123	34.276	1.015	14.779
12/13/2016 12:55:00 AM	442500.000	73.252	17.991
166.963	29184.627	33695.594	21.289
22913.006	34.265	1.015	14.778
12/13/2016 1:00:00 AM	442800.000	73.251	17.991
166.962	29197.277	33710.395	21.299
22923.068	34.250	1.015	14.777
12/13/2016 1:05:00 AM	443100.000	73.252	17.992
166.964	29159.010	33665.367	21.268
22892.451	34.295	1.015	14.778
12/13/2016 1:10:00 AM	443400.000	73.252	17.991
166.964	29173.373	33682.410	21.279
22904.039	34.278	1.015	14.779

12/13/2016 1:15:00 AM	443700.000	73.255	17.991
166.970	29186.188	33697.203	21.290
22914.100	34.263	1.015	14.779
12/13/2016 1:20:00 AM	444000.000	73.250	17.991
166.960	29182.949	33693.398	21.287
22911.512	34.267	1.015	14.780
12/13/2016 1:25:00 AM	444300.000	73.249	17.991
166.958	29175.166	33684.285	21.281
22905.314	34.276	1.015	14.781
12/13/2016 1:30:00 AM	444600.000	73.244	17.991
166.945	29177.227	33686.664	21.282
22906.934	34.273	1.015	14.782
12/13/2016 1:35:00 AM	444900.000	73.249	17.991
166.958	29178.865	33688.559	21.284
22908.223	34.271	1.015	14.784
12/13/2016 1:40:00 AM	445200.000	73.229	17.992
166.911	29176.379	33685.559	21.282
22906.182	34.274	1.015	14.785
12/13/2016 1:45:00 AM	445500.000	73.246	17.992
166.951	29194.205	33705.816	21.296
22919.957	34.253	1.015	14.786
12/13/2016 1:50:00 AM	445800.000	73.246	17.991
166.950	29179.465	33689.313	21.284
22908.732	34.271	1.015	14.787
12/13/2016 1:55:00 AM	446100.000	73.240	17.991
166.937	29168.135	33676.168	21.275
22899.795	34.284	1.015	14.788
12/13/2016 2:00:00 AM	446400.000	73.242	17.991
166.940	29190.938	33702.621	21.294
22917.783	34.257	1.015	14.789
12/13/2016 2:05:00 AM	446700.000	73.243	17.992
166.944	29162.822	33669.844	21.271
22895.494	34.290	1.015	14.787
12/13/2016 2:10:00 AM	447000.000	73.243	17.991
166.943	29172.449	33681.148	21.279
22903.184	34.279	1.015	14.785
12/13/2016 2:15:00 AM	447300.000	73.247	17.991
166.953	29183.143	33693.688	21.287
22911.709	34.266	1.015	14.784
12/13/2016 2:20:00 AM	447600.000	73.241	17.992
166.939	29167.783	33675.371	21.275
22899.254	34.284	1.015	14.784
12/13/2016 2:25:00 AM	447900.000	73.237	17.992
166.930	29175.820	33684.777	21.281
22905.648	34.275	1.015	14.785
12/13/2016 2:30:00 AM	448200.000	73.239	17.991
166.935	29165.539	33673.105	21.273
22897.715	34.287	1.015	14.786
12/13/2016 2:35:00 AM	448500.000	73.236	17.991
166.927	29204.457	33718.105	21.304
22928.314	34.241	1.015	14.787
12/13/2016 2:40:00 AM	448800.000	73.236	17.991
166.928	29185.039	33696.008	21.289
22913.287	34.264	1.015	14.787

12/13/2016 2:45:00 AM	449100.000	73.243	17.991
166.943	29163.475	33670.914	21.271
22896.223	34.289	1.015	14.787
12/13/2016 2:50:00 AM	449400.000	73.236	17.991
166.928	29173.295	33682.125	21.279
22903.848	34.278	1.015	14.788
12/13/2016 2:55:00 AM	449700.000	73.237	17.992
166.929	29171.096	33679.395	21.277
22901.988	34.281	1.015	14.789
12/13/2016 3:00:00 AM	450000.000	73.233	17.992
166.921	29172.455	33680.965	21.278
22903.057	34.279	1.015	14.790
12/13/2016 3:05:00 AM	450300.000	73.231	17.991
166.917	29180.084	33689.965	21.285
22909.178	34.270	1.015	14.788
12/13/2016 3:10:00 AM	450600.000	73.216	17.992
166.881	29164.418	33671.555	21.272
22896.660	34.288	1.015	14.787
12/13/2016 3:15:00 AM	450900.000	73.235	17.991
166.925	29200.477	33713.703	21.301
22925.320	34.246	1.015	14.786
12/13/2016 3:20:00 AM	451200.000	73.234	17.991
166.922	29178.418	33688.492	21.284
22908.176	34.272	1.015	14.785
12/13/2016 3:25:00 AM	451500.000	73.233	17.991
166.921	29181.895	33692.180	21.286
22910.684	34.268	1.015	14.784
12/13/2016 3:30:00 AM	451800.000	73.244	17.991
166.945	29168.707	33676.953	21.276
22900.330	34.283	1.015	14.783
12/13/2016 3:35:00 AM	452100.000	73.235	17.991
166.926	29190.225	33701.672	21.293
22917.137	34.258	1.015	14.782
12/13/2016 3:40:00 AM	452400.000	73.239	17.992
166.933	29180.789	33690.457	21.285
22909.514	34.269	1.015	14.781
12/13/2016 3:45:00 AM	452700.000	73.243	17.991
166.944	29177.668	33687.367	21.283
22907.412	34.273	1.015	14.780
12/13/2016 3:50:00 AM	453000.000	73.240	17.991
166.937	29179.105	33688.770	21.284
22908.365	34.271	1.015	14.780
12/13/2016 3:55:00 AM	453300.000	73.243	17.992
166.943	29166.629	33674.301	21.274
22898.527	34.286	1.015	14.780
12/13/2016 4:00:00 AM	453600.000	73.241	17.991
166.939	29182.836	33693.141	21.287
22911.336	34.267	1.015	14.780
12/13/2016 4:05:00 AM	453900.000	73.239	17.992
166.934	29196.090	33708.051	21.297
22921.477	34.251	1.015	14.780
12/13/2016 4:10:00 AM	454200.000	73.237	17.991
166.931	29166.129	33674.047	21.274
22898.354	34.286	1.015	14.780

12/13/2016 4:15:00 AM	454500.000	73.234	17.991
166.923	29174.961	33684.242	21.281
22905.287	34.276	1.015	14.780
12/13/2016 4:20:00 AM	454800.000	73.237	17.992
166.929	29174.350	33683.078	21.280
22904.496	34.277	1.015	14.778
12/13/2016 4:25:00 AM	455100.000	73.247	17.992
166.952	29174.408	33683.281	21.280
22904.633	34.277	1.015	14.776
12/13/2016 4:30:00 AM	455400.000	73.245	17.992
166.948	29184.744	33695.215	21.288
22912.746	34.264	1.015	14.774
12/13/2016 4:35:00 AM	455700.000	73.245	17.991
166.947	29186.906	33697.840	21.290
22914.531	34.262	1.015	14.775
12/13/2016 4:40:00 AM	456000.000	73.247	17.992
166.952	29186.563	33697.254	21.290
22914.133	34.262	1.015	14.776
12/13/2016 4:45:00 AM	456300.000	73.240	17.991
166.936	29190.131	33701.691	21.293
22917.152	34.258	1.015	14.777
12/13/2016 4:50:00 AM	456600.000	73.247	17.991
166.952	29179.988	33689.855	21.285
22909.104	34.270	1.015	14.776
12/13/2016 4:55:00 AM	456900.000	73.250	17.991
166.959	29186.617	33697.699	21.290
22914.436	34.262	1.015	14.776
12/13/2016 5:00:00 AM	457200.000	73.257	17.991
166.975	29189.383	33700.895	21.292
22916.611	34.259	1.015	14.775
12/13/2016 5:05:00 AM	457500.000	73.255	17.991
166.971	29193.043	33705.121	21.295
22919.482	34.255	1.015	14.775
12/13/2016 5:10:00 AM	457800.000	73.255	17.991
166.970	29183.404	33693.859	21.287
22911.824	34.266	1.015	14.776
12/13/2016 5:15:00 AM	458100.000	73.257	17.991
166.976	29184.002	33694.422	21.288
22912.209	34.265	1.015	14.776
12/13/2016 5:20:00 AM	458400.000	73.258	17.992
166.977	29187.270	33698.133	21.290
22914.732	34.262	1.015	14.776
12/13/2016 5:25:00 AM	458700.000	73.258	17.991
166.977	29178.297	33687.902	21.283
22907.773	34.272	1.015	14.776
12/13/2016 5:30:00 AM	459000.000	73.262	17.991
166.988	29178.637	33688.293	21.284
22908.041	34.272	1.015	14.776
12/13/2016 5:35:00 AM	459300.000	73.269	17.991
167.003	29186.416	33697.402	21.290
22914.236	34.263	1.015	14.775
12/13/2016 5:40:00 AM	459600.000	73.250	17.991
166.959	29187.580	33698.684	21.291
22915.105	34.261	1.015	14.774

12/13/2016 5:45:00 AM	459900.000	73.274	17.991
167.013	29196.004	33708.469	21.298
22921.760	34.251	1.015	14.773
12/13/2016 5:50:00 AM	460200.000	73.272	17.992
167.009	29178.434	33687.738	21.283
22907.664	34.272	1.015	14.775
12/13/2016 5:55:00 AM	460500.000	73.276	17.991
167.019	29178.918	33688.742	21.284
22908.346	34.271	1.015	14.777
12/13/2016 6:00:00 AM	460800.000	73.277	17.991
167.021	29184.324	33694.793	21.288
22912.461	34.265	1.015	14.779
12/13/2016 6:05:00 AM	461100.000	73.298	17.992
167.068	29176.719	33685.887	21.282
22906.402	34.274	1.015	14.779
12/13/2016 6:10:00 AM	461400.000	73.280	17.992
167.028	29184.809	33695.098	21.288
22912.666	34.264	1.015	14.778
12/13/2016 6:15:00 AM	461700.000	73.286	17.991
167.041	29188.262	33699.598	21.291
22915.729	34.260	1.015	14.777
12/13/2016 6:20:00 AM	462000.000	73.290	17.991
167.052	29192.047	33703.902	21.294
22918.656	34.256	1.015	14.779
12/13/2016 6:25:00 AM	462300.000	73.273	17.991
167.012	29185.854	33696.750	21.289
22913.791	34.263	1.015	14.781
12/13/2016 6:30:00 AM	462600.000	73.296	17.992
167.063	29170.590	33678.813	21.277
22901.592	34.281	1.015	14.784
12/13/2016 6:35:00 AM	462900.000	73.293	17.991
167.058	29192.092	33703.828	21.294
22918.604	34.256	1.015	14.783
12/13/2016 6:40:00 AM	463200.000	73.301	17.992
167.075	29200.369	33713.254	21.301
22925.014	34.246	1.015	14.782
12/13/2016 6:45:00 AM	463500.000	73.285	17.992
167.039	29176.113	33684.734	21.281
22905.621	34.275	1.015	14.781
12/13/2016 6:50:00 AM	463800.000	73.305	17.991
167.084	29190.582	33702.148	21.293
22917.461	34.258	1.015	14.783
12/13/2016 6:55:00 AM	464100.000	73.316	17.992
167.109	29168.584	33676.559	21.275
22900.063	34.283	1.015	14.784
12/13/2016 7:00:00 AM	464400.000	73.312	17.991
167.100	29192.369	33704.148	21.295
22918.822	34.256	1.015	14.785
12/13/2016 7:05:00 AM	464700.000	73.316	17.992
167.110	29184.395	33694.750	21.288
22912.432	34.265	1.015	14.785
12/13/2016 7:10:00 AM	465000.000	73.320	17.992
167.118	29175.568	33684.621	21.281
22905.545	34.275	1.015	14.786

12/13/2016 7:15:00 AM	465300.000	73.322	17.991
167.124	29184.344	33694.883	21.288
22912.523	34.265	1.015	14.786
12/13/2016 7:20:00 AM	465600.000	73.327	17.992
167.134	29167.381	33675.105	21.274
22899.072	34.285	1.015	14.785
12/13/2016 7:25:00 AM	465900.000	73.330	17.992
167.141	29182.992	33693.129	21.287
22911.330	34.267	1.015	14.784
12/13/2016 7:30:00 AM	466200.000	73.333	17.992
167.149	29172.650	33680.930	21.278
22903.035	34.279	1.015	14.782
12/13/2016 7:35:00 AM	466500.000	73.332	17.992
167.146	29181.783	33691.660	21.286
22910.332	34.268	1.015	14.785
12/13/2016 7:40:00 AM	466800.000	73.339	17.991
167.161	29196.719	33709.297	21.298
22922.322	34.250	1.015	14.787
12/13/2016 7:45:00 AM	467100.000	73.341	17.991
167.167	29171.658	33680.559	21.278
22902.781	34.280	1.015	14.790
12/13/2016 7:50:00 AM	467400.000	73.344	17.992
167.172	29192.578	33703.938	21.294
22918.678	34.255	1.015	14.790
12/13/2016 7:55:00 AM	467700.000	73.347	17.991
167.181	29183.141	33693.688	21.287
22911.709	34.266	1.015	14.790
12/13/2016 8:00:00 AM	468000.000	73.357	17.992
167.203	29188.436	33699.477	21.291
22915.646	34.260	1.015	14.791
12/13/2016 8:05:00 AM	468300.000	73.355	17.991
167.200	29190.787	33702.324	21.293
22917.582	34.257	1.015	14.792
12/13/2016 8:10:00 AM	468600.000	73.357	17.992
167.204	29175.316	33684.332	21.281
22905.346	34.276	1.015	14.793
12/13/2016 8:15:00 AM	468900.000	73.362	17.992
167.214	29192.088	33703.434	21.294
22918.336	34.256	1.015	14.794
12/13/2016 8:20:00 AM	469200.000	73.358	17.991
167.205	29192.434	33704.223	21.295
22918.873	34.255	1.015	14.794
12/13/2016 8:25:00 AM	469500.000	73.366	17.991
167.224	29167.682	33675.840	21.275
22899.574	34.285	1.015	14.795
12/13/2016 8:30:00 AM	469800.000	73.370	17.991
167.232	29195.004	33707.191	21.297
22920.891	34.252	1.015	14.795
12/13/2016 8:35:00 AM	470100.000	73.374	17.991
167.241	29187.580	33698.813	21.291
22915.193	34.261	1.015	14.801
12/13/2016 8:40:00 AM	470400.000	73.370	17.991
167.233	29177.625	33687.383	21.283
22907.422	34.273	1.015	14.806

12/13/2016 8:45:00 AM	470700.000	73.367	17.991
167.226	29179.828	33689.793	21.285
22909.059	34.270	1.015	14.812
12/13/2016 8:50:00 AM	471000.000	73.372	17.991
167.237	29176.514	33685.844	21.282
22906.373	34.274	1.015	14.808
12/13/2016 8:55:00 AM	471300.000	73.376	17.992
167.247	29177.010	33686.023	21.282
22906.498	34.274	1.015	14.803
12/13/2016 9:00:00 AM	471600.000	73.391	17.992
167.280	29190.688	33701.887	21.293
22917.283	34.257	1.015	14.798
12/13/2016 9:05:00 AM	471900.000	73.386	17.991
167.268	29171.043	33679.781	21.278
22902.252	34.281	1.015	14.802
12/13/2016 9:10:00 AM	472200.000	73.387	17.991
167.271	29178.416	33687.973	21.283
22907.824	34.272	1.015	14.805
12/13/2016 9:15:00 AM	472500.000	73.390	17.991
167.278	29178.463	33688.348	21.284
22908.078	34.272	1.015	14.809
12/13/2016 9:20:00 AM	472800.000	73.388	17.991
167.274	29183.889	33694.551	21.288
22912.297	34.265	1.015	14.809
12/13/2016 9:25:00 AM	473100.000	73.396	17.991
167.293	29195.402	33707.715	21.297
22921.248	34.252	1.015	14.810
12/13/2016 9:30:00 AM	473400.000	73.397	17.991
167.295	29197.508	33710.016	21.299
22922.811	34.250	1.015	14.810
12/13/2016 9:35:00 AM	473700.000	73.402	17.992
167.307	29170.035	33678.234	21.277
22901.201	34.282	1.015	14.808
12/13/2016 9:40:00 AM	474000.000	73.407	17.991
167.316	29180.879	33691.074	21.286
22909.934	34.269	1.015	14.806
12/13/2016 9:45:00 AM	474300.000	73.407	17.991
167.317	29168.938	33677.098	21.276
22900.428	34.283	1.015	14.804
12/13/2016 9:50:00 AM	474600.000	73.381	17.991
167.258	29175.512	33684.688	21.281
22905.588	34.275	1.015	14.806
12/13/2016 9:55:00 AM	474900.000	73.408	17.991
167.320	29186.162	33697.367	21.290
22914.209	34.263	1.015	14.808
12/13/2016 10:00:00 AM	475200.000	73.408	17.991
167.319	29191.072	33702.652	21.294
22917.807	34.257	1.015	14.811
12/13/2016 10:05:00 AM	475500.000	73.409	17.991
167.322	29172.863	33681.563	21.279
22903.463	34.278	1.015	14.811
12/13/2016 10:10:00 AM	475800.000	73.414	17.992
167.333	29186.061	33696.672	21.289
22913.738	34.263	1.015	14.811

12/13/2016 10:15:00 AM	476100.000	73.413	17.991
167.330	29175.822	33685.043	21.281
22905.830	34.275	1.015	14.811
12/13/2016 10:20:00 AM	476400.000	73.415	17.991
167.334	29186.408	33697.266	21.290
22914.143	34.263	1.015	14.810
12/13/2016 10:25:00 AM	476700.000	73.420	17.991
167.346	29187.059	33698.082	21.290
22914.695	34.262	1.015	14.808
12/13/2016 10:30:00 AM	477000.000	73.415	17.991
167.336	29174.203	33683.109	21.280
22904.514	34.277	1.015	14.807
12/13/2016 10:35:00 AM	477300.000	73.410	17.991
167.324	29179.082	33688.934	21.284
22908.477	34.271	1.015	14.809
12/13/2016 10:40:00 AM	477600.000	73.413	17.991
167.331	29181.328	33691.594	21.286
22910.283	34.268	1.015	14.811
12/13/2016 10:45:00 AM	477900.000	73.403	17.991
167.309	29174.104	33683.383	21.280
22904.703	34.277	1.015	14.813
12/13/2016 10:50:00 AM	478200.000	73.410	17.991
167.323	29192.697	33704.652	21.295
22919.164	34.255	1.015	14.812
12/13/2016 10:55:00 AM	478500.000	73.411	17.991
167.325	29177.316	33686.770	21.283
22907.006	34.273	1.015	14.811
12/13/2016 11:00:00 AM	478800.000	73.405	17.992
167.312	29176.672	33685.895	21.282
22906.410	34.274	1.015	14.810
12/13/2016 11:05:00 AM	479100.000	73.407	17.992
167.317	29186.717	33697.430	21.290
22914.254	34.262	1.015	14.808
12/13/2016 11:10:00 AM	479400.000	73.406	17.992
167.315	29179.609	33689.289	21.284
22908.719	34.271	1.015	14.805
12/13/2016 11:15:00 AM	479700.000	73.411	17.991
167.326	29193.393	33705.652	21.296
22919.846	34.254	1.015	14.803
12/13/2016 11:20:00 AM	480000.000	73.412	17.991
167.328	29187.420	33698.559	21.291
22915.020	34.261	1.015	14.803
12/13/2016 11:25:00 AM	480300.000	73.408	17.991
167.319	29182.295	33692.773	21.287
22911.088	34.267	1.015	14.803
12/13/2016 11:30:00 AM	480600.000	73.403	17.992
167.309	29177.467	33686.621	21.282
22906.904	34.273	1.015	14.803
12/13/2016 11:35:00 AM	480900.000	73.403	17.992
167.309	29177.639	33686.875	21.283
22907.078	34.273	1.015	14.801
12/13/2016 11:40:00 AM	481200.000	73.401	17.991
167.304	29192.480	33704.469	21.295
22919.041	34.255	1.015	14.799

12/13/2016 11:45:00 AM	481500.000	73.406	17.991
167.314	29192.352	33704.129	21.295
22918.811	34.256	1.015	14.796
12/13/2016 11:50:00 AM	481800.000	73.403	17.991
167.308	29173.396	33682.367	21.279
22904.012	34.278	1.015	14.797
12/13/2016 11:55:00 AM	482100.000	73.396	17.990
167.293	29189.771	33701.855	21.293
22917.264	34.259	1.015	14.797
12/13/2016 12:00:00 PM	482400.000	73.396	17.991
167.292	29183.951	33694.621	21.288
22912.342	34.265	1.015	14.797
12/13/2016 12:05:00 PM	482700.000	73.391	17.991
167.281	29178.971	33688.680	21.284
22908.305	34.271	1.015	14.795
12/13/2016 12:10:00 PM	483000.000	73.392	17.991
167.283	29181.678	33691.996	21.286
22910.557	34.268	1.015	14.793
12/13/2016 12:15:00 PM	483300.000	73.390	17.992
167.278	29179.834	33689.547	21.284
22908.895	34.270	1.015	14.790
12/13/2016 12:20:00 PM	483600.000	73.390	17.991
167.278	29198.818	33711.719	21.300
22923.969	34.248	1.015	14.788
12/13/2016 12:25:00 PM	483900.000	73.386	17.991
167.270	29179.201	33688.945	21.284
22908.484	34.271	1.015	14.785
12/13/2016 12:30:00 PM	484200.000	73.385	17.991
167.267	29176.604	33685.945	21.282
22906.445	34.274	1.015	14.783
12/13/2016 12:35:00 PM	484500.000	73.382	17.991
167.261	29174.330	33683.773	21.280
22904.969	34.277	1.015	14.782
12/13/2016 12:40:00 PM	484800.000	73.383	17.992
167.262	29190.652	33701.844	21.293
22917.256	34.258	1.015	14.782
12/13/2016 12:45:00 PM	485100.000	73.378	17.992
167.252	29198.324	33710.832	21.299
22923.367	34.249	1.015	14.782
12/13/2016 12:50:00 PM	485400.000	73.369	17.992
167.232	29182.938	33693.129	21.287
22911.330	34.267	1.015	14.781
12/13/2016 12:55:00 PM	485700.000	73.371	17.991
167.234	29184.996	33695.699	21.289
22913.076	34.264	1.015	14.780
12/13/2016 1:00:00 PM	486000.000	73.367	17.991
167.226	29184.445	33695.063	21.288
22912.643	34.265	1.015	14.779
12/13/2016 1:05:00 PM	486300.000	73.363	17.992
167.216	29191.188	33702.461	21.293
22917.676	34.257	1.015	14.778
12/13/2016 1:10:00 PM	486600.000	73.359	17.992
167.208	29177.479	33686.566	21.282
22906.865	34.273	1.015	14.778

12/13/2016 1:15:00 PM	486900.000	73.354	17.992
167.197	29200.266	33713.074	21.301
22924.893	34.246	1.015	14.778
12/13/2016 1:20:00 PM	487200.000	73.350	17.992
167.187	29171.391	33679.797	21.278
22902.264	34.280	1.015	14.778
12/13/2016 1:25:00 PM	487500.000	73.345	17.992
167.175	29180.490	33690.242	21.285
22909.367	34.269	1.015	14.779
12/13/2016 1:30:00 PM	487800.000	73.341	17.991
167.166	29192.457	33704.441	21.295
22919.020	34.255	1.015	14.780
12/13/2016 1:35:00 PM	488100.000	73.334	17.992
167.151	29184.695	33695.098	21.288
22912.666	34.265	1.015	14.776
12/13/2016 1:40:00 PM	488400.000	73.330	17.992
167.141	29183.086	33693.301	21.287
22911.445	34.266	1.015	14.773
12/13/2016 1:45:00 PM	488700.000	73.331	17.992
167.144	29178.475	33687.840	21.283
22907.732	34.272	1.015	14.770
12/13/2016 1:50:00 PM	489000.000	73.329	17.991
167.140	29166.881	33674.785	21.274
22898.855	34.285	1.015	14.769
12/13/2016 1:55:00 PM	489300.000	73.323	17.991
167.126	29167.578	33675.527	21.275
22899.361	34.285	1.015	14.768
12/13/2016 2:00:00 PM	489600.000	73.323	17.991
167.125	29171.748	33680.402	21.278
22902.676	34.280	1.015	14.766
12/13/2016 2:05:00 PM	489900.000	73.312	17.991
167.100	29183.592	33693.949	21.288
22911.887	34.266	1.015	14.771
12/13/2016 2:10:00 PM	490200.000	73.307	17.991
167.088	29181.777	33692.047	21.286
22910.594	34.268	1.015	14.775
12/13/2016 2:15:00 PM	490500.000	73.297	17.991
167.066	29193.285	33705.461	21.296
22919.715	34.254	1.015	14.780
12/13/2016 2:20:00 PM	490800.000	73.293	17.992
167.058	29206.412	33720.039	21.306
22929.629	34.239	1.015	14.779
12/13/2016 2:25:00 PM	491100.000	73.285	17.992
167.040	29179.285	33688.852	21.284
22908.420	34.271	1.015	14.779
12/13/2016 2:30:00 PM	491400.000	73.286	17.992
167.041	29175.855	33684.762	21.281
22905.641	34.275	1.015	14.778
12/13/2016 2:35:00 PM	491700.000	73.280	17.991
167.028	29177.523	33687.133	21.283
22907.252	34.273	1.015	14.778
12/13/2016 2:40:00 PM	492000.000	73.276	17.991
167.018	29179.680	33689.430	21.284
22908.813	34.270	1.015	14.778

12/13/2016 2:45:00 PM	492300.000	73.275	17.991
167.016	29191.787	33703.410	21.294
22918.320	34.256	1.015	14.777
12/13/2016 2:50:00 PM	492600.000	73.246	17.991
166.950	29184.764	33695.621	21.289
22913.025	34.264	1.015	14.777
12/13/2016 2:55:00 PM	492900.000	73.262	17.991
166.987	29185.441	33696.277	21.289
22913.469	34.264	1.015	14.776
12/13/2016 3:00:00 PM	493200.000	73.256	17.991
166.972	29178.010	33687.633	21.283
22907.592	34.272	1.015	14.776
12/13/2016 3:05:00 PM	493500.000	73.256	17.991
166.972	29177.721	33687.301	21.283
22907.365	34.273	1.015	14.774
12/13/2016 3:10:00 PM	493800.000	73.250	17.992
166.960	29191.871	33703.383	21.294
22918.303	34.256	1.015	14.772
12/13/2016 3:15:00 PM	494100.000	73.246	17.991
166.951	29191.842	33703.473	21.294
22918.361	34.256	1.015	14.770
12/13/2016 3:20:00 PM	494400.000	73.241	17.992
166.940	29174.971	33683.609	21.280
22904.855	34.276	1.015	14.770
12/13/2016 3:25:00 PM	494700.000	73.242	17.991
166.942	29187.164	33698.266	21.291
22914.822	34.262	1.015	14.769
12/13/2016 3:30:00 PM	495000.000	73.236	17.991
166.927	29179.381	33689.344	21.284
22908.754	34.271	1.015	14.769
12/13/2016 3:35:00 PM	495300.000	73.228	17.991
166.909	29182.002	33692.633	21.287
22910.992	34.268	1.015	14.770
12/13/2016 3:40:00 PM	495600.000	73.222	17.991
166.896	29177.428	33687.090	21.283
22907.221	34.273	1.015	14.772
12/13/2016 3:45:00 PM	495900.000	73.216	17.992
166.882	29183.590	33693.691	21.287
22911.713	34.266	1.015	14.773
12/13/2016 3:50:00 PM	496200.000	73.189	17.992
166.821	29183.734	33693.914	21.288
22911.863	34.266	1.015	14.773
12/13/2016 3:55:00 PM	496500.000	73.207	17.991
166.861	29193.811	33705.813	21.296
22919.955	34.254	1.015	14.772
12/13/2016 4:00:00 PM	496800.000	73.207	17.992
166.861	29187.164	33697.945	21.290
22914.604	34.262	1.015	14.771
12/13/2016 4:05:00 PM	497100.000	73.178	17.992
166.796	29166.230	33673.777	21.273
22898.168	34.286	1.015	14.771
12/13/2016 4:10:00 PM	497400.000	73.197	17.992
166.838	29174.113	33682.555	21.280
22904.139	34.277	1.015	14.771

12/13/2016 4:15:00 PM	497700.000	73.189	17.991
166.819	29180.625	33690.523	21.285
22909.557	34.269	1.015	14.771
12/13/2016 4:20:00 PM	498000.000	73.189	17.992
166.820	29173.352	33682.063	21.279
22903.803	34.278	1.015	14.770
12/13/2016 4:25:00 PM	498300.000	73.188	17.991
166.818	29168.719	33676.906	21.276
22900.297	34.283	1.015	14.770
12/13/2016 4:30:00 PM	498600.000	73.184	17.992
166.808	29192.898	33704.367	21.295
22918.973	34.255	1.015	14.769
12/13/2016 4:35:00 PM	498900.000	73.159	17.991
166.752	29189.326	33700.566	21.292
22916.385	34.259	1.015	14.769
12/13/2016 4:40:00 PM	499200.000	73.177	17.992
166.794	29184.586	33694.895	21.288
22912.531	34.265	1.015	14.768
12/13/2016 4:45:00 PM	499500.000	73.181	17.991
166.803	29180.285	33690.129	21.285
22909.289	34.270	1.015	14.767
12/13/2016 4:50:00 PM	499800.000	73.168	17.992
166.773	29176.611	33685.824	21.282
22906.363	34.274	1.015	14.766
12/13/2016 4:55:00 PM	500100.000	73.172	17.991
166.782	29203.336	33716.875	21.303
22927.475	34.243	1.015	14.766
12/13/2016 5:00:00 PM	500400.000	73.170	17.991
166.777	29178.975	33689.199	21.284
22908.656	34.271	1.015	14.766
12/13/2016 5:05:00 PM	500700.000	73.168	17.991
166.771	29185.771	33696.594	21.289
22913.686	34.263	1.015	14.766
12/13/2016 5:10:00 PM	501000.000	73.161	17.992
166.756	29189.584	33700.742	21.292
22916.508	34.259	1.015	14.767
12/13/2016 5:15:00 PM	501300.000	73.163	17.992
166.760	29173.447	33682.035	21.279
22903.783	34.278	1.015	14.767
12/13/2016 5:20:00 PM	501600.000	73.162	17.991
166.759	29183.303	33693.742	21.287
22911.744	34.266	1.015	14.765
12/13/2016 5:25:00 PM	501900.000	73.162	17.991
166.759	29199.945	33712.895	21.301
22924.768	34.247	1.015	14.763
12/13/2016 5:30:00 PM	502200.000	73.156	17.991
166.746	29187.271	33698.195	21.290
22914.773	34.262	1.015	14.761
12/13/2016 5:35:00 PM	502500.000	73.156	17.992
166.745	29194.641	33706.641	21.296
22920.518	34.253	1.015	14.765
12/13/2016 5:40:00 PM	502800.000	73.127	17.992
166.680	29186.057	33696.668	21.289
22913.736	34.263	1.015	14.770

12/13/2016 5:45:00 PM	503100.000	73.139	17.991
166.706	29184.939	33695.633	21.289
22913.033	34.264	1.015	14.774
12/13/2016 5:50:00 PM	503400.000	73.142	17.991
166.713	29177.361	33686.754	21.283
22906.994	34.273	1.015	14.773
12/13/2016 5:55:00 PM	503700.000	73.143	17.991
166.716	29176.266	33685.617	21.282
22906.221	34.274	1.015	14.772
12/13/2016 6:00:00 PM	504000.000	73.146	17.991
166.723	29199.504	33712.387	21.300
22924.426	34.247	1.015	14.771
12/13/2016 6:05:00 PM	504300.000	73.140	17.991
166.709	29174.096	33683.242	21.280
22904.605	34.277	1.015	14.772
12/13/2016 6:10:00 PM	504600.000	73.138	17.991
166.705	29188.334	33699.422	21.291
22915.609	34.260	1.015	14.772
12/13/2016 6:15:00 PM	504900.000	73.137	17.991
166.701	29181.232	33691.223	21.286
22910.033	34.269	1.015	14.772
12/13/2016 6:20:00 PM	505200.000	73.142	17.991
166.714	29190.928	33702.418	21.293
22917.646	34.257	1.015	14.773
12/13/2016 6:25:00 PM	505500.000	73.138	17.992
166.703	29178.021	33687.191	21.283
22907.291	34.272	1.015	14.774
12/13/2016 6:30:00 PM	505800.000	73.137	17.991
166.702	29180.783	33690.898	21.285
22909.811	34.269	1.015	14.775
12/13/2016 6:35:00 PM	506100.000	73.122	17.991
166.667	29183.889	33694.742	21.288
22912.426	34.265	1.015	14.775
12/13/2016 6:40:00 PM	506400.000	73.138	17.991
166.703	29184.684	33695.531	21.289
22912.963	34.265	1.015	14.774
12/13/2016 6:45:00 PM	506700.000	73.116	17.991
166.654	29194.684	33707.012	21.297
22920.770	34.253	1.015	14.774
12/13/2016 6:50:00 PM	507000.000	73.132	17.991
166.691	29180.637	33690.664	21.285
22909.652	34.269	1.015	14.774
12/13/2016 6:55:00 PM	507300.000	73.117	17.991
166.656	29182.828	33693.457	21.287
22911.553	34.267	1.015	14.774
12/13/2016 7:00:00 PM	507600.000	73.133	17.991
166.692	29196.561	33708.988	21.298
22922.111	34.251	1.015	14.774
12/13/2016 7:05:00 PM	507900.000	73.137	17.992
166.701	29196.650	33708.898	21.298
22922.053	34.251	1.015	14.774
12/13/2016 7:10:00 PM	508200.000	73.138	17.992
166.705	29176.727	33685.957	21.282
22906.453	34.274	1.015	14.775

12/13/2016 7:15:00 PM	508500.000	73.142	17.991
166.712	29190.680	33702.199	21.293
22917.498	34.258	1.015	14.775
12/13/2016 7:20:00 PM	508800.000	73.141	17.992
166.712	29183.529	33693.750	21.287
22911.750	34.266	1.015	14.773
12/13/2016 7:25:00 PM	509100.000	73.146	17.991
166.722	29193.645	33705.813	21.296
22919.955	34.254	1.015	14.771
12/13/2016 7:30:00 PM	509400.000	73.144	17.991
166.719	29203.053	33716.738	21.303
22927.383	34.243	1.015	14.768
12/13/2016 7:35:00 PM	509700.000	73.148	17.991
166.726	29188.199	33699.336	21.291
22915.551	34.260	1.015	14.770
12/13/2016 7:40:00 PM	510000.000	73.148	17.992
166.727	29183.580	33693.871	21.287
22911.832	34.266	1.015	14.771
12/13/2016 7:45:00 PM	510300.000	73.129	17.991
166.684	29185.094	33695.750	21.289
22913.111	34.264	1.015	14.773
12/13/2016 7:50:00 PM	510600.000	73.145	17.992
166.719	29168.119	33675.883	21.275
22899.602	34.284	1.015	14.774
12/13/2016 7:55:00 PM	510900.000	73.154	17.991
166.741	29199.900	33713.168	21.301
22924.955	34.247	1.015	14.776
12/13/2016 8:00:00 PM	511200.000	73.153	17.992
166.738	29183.734	33693.988	21.288
22911.912	34.266	1.015	14.777
12/13/2016 8:05:00 PM	511500.000	73.157	17.991
166.747	29195.736	33707.969	21.297
22921.422	34.252	1.015	14.777
12/13/2016 8:10:00 PM	511800.000	73.154	17.992
166.740	29187.082	33697.914	21.290
22914.584	34.262	1.015	14.777
12/13/2016 8:15:00 PM	512100.000	73.133	17.992
166.692	29180.807	33690.668	21.285
22909.654	34.269	1.015	14.777
12/13/2016 8:20:00 PM	512400.000	73.140	17.992
166.708	29187.232	33698.027	21.290
22914.660	34.262	1.015	14.777
12/13/2016 8:25:00 PM	512700.000	73.160	17.991
166.754	29182.775	33693.199	21.287
22911.377	34.267	1.015	14.777
12/13/2016 8:30:00 PM	513000.000	73.160	17.992
166.753	29175.258	33683.941	21.281
22905.080	34.276	1.015	14.777
12/13/2016 8:35:00 PM	513300.000	73.164	17.991
166.762	29175.363	33684.578	21.281
22905.516	34.275	1.015	14.777
12/13/2016 8:40:00 PM	513600.000	73.169	17.991
166.774	29189.648	33701.008	21.292
22916.688	34.259	1.015	14.776

12/13/2016 8:45:00 PM	513900.000	73.174	17.992
166.785	29173.889	33682.621	21.280
22904.182	34.277	1.015	14.776
12/13/2016 8:50:00 PM	514200.000	73.172	17.992
166.781	29189.703	33700.879	21.292
22916.600	34.259	1.015	14.778
12/13/2016 8:55:00 PM	514500.000	73.173	17.992
166.784	29185.805	33696.305	21.289
22913.490	34.263	1.015	14.780
12/13/2016 9:00:00 PM	514800.000	73.175	17.991
166.788	29190.803	33702.465	21.293
22917.678	34.257	1.015	14.781
12/13/2016 9:05:00 PM	515100.000	73.179	17.991
166.798	29191.650	33703.703	21.294
22918.518	34.256	1.015	14.780
12/13/2016 9:10:00 PM	515400.000	73.183	17.992
166.807	29188.357	33699.195	21.291
22915.455	34.260	1.015	14.778
12/13/2016 9:15:00 PM	515700.000	73.168	17.992
166.772	29180.227	33690.000	21.285
22909.203	34.270	1.015	14.776
12/13/2016 9:20:00 PM	516000.000	73.193	17.991
166.830	29208.785	33723.293	21.308
22931.842	34.236	1.015	14.777
12/13/2016 9:25:00 PM	516300.000	73.190	17.991
166.822	29175.764	33685.039	21.281
22905.826	34.275	1.015	14.777
12/13/2016 9:30:00 PM	516600.000	73.198	17.991
166.842	29180.723	33690.703	21.285
22909.680	34.269	1.015	14.777
12/13/2016 9:35:00 PM	516900.000	73.197	17.991
166.838	29192.115	33704.047	21.295
22918.752	34.256	1.015	14.778
12/13/2016 9:40:00 PM	517200.000	73.201	17.991
166.848	29187.139	33698.043	21.290
22914.672	34.262	1.015	14.778
12/13/2016 9:45:00 PM	517500.000	73.198	17.991
166.842	29182.688	33693.293	21.287
22911.439	34.267	1.015	14.779
12/13/2016 9:50:00 PM	517800.000	73.208	17.991
166.863	29204.934	33718.590	21.305
22928.643	34.241	1.015	14.779
12/13/2016 9:55:00 PM	518100.000	73.209	17.991
166.865	29187.070	33698.352	21.291
22914.881	34.262	1.015	14.779
12/13/2016 10:00:00 PM	518400.000	73.215	17.992
166.879	29194.482	33706.395	21.296
22920.350	34.253	1.015	14.780
12/13/2016 10:05:00 PM	518700.000	73.212	17.991
166.873	29194.084	33706.254	21.296
22920.254	34.254	1.015	14.784
12/13/2016 10:10:00 PM	519000.000	73.217	17.991
166.883	29188.742	33699.895	21.292
22915.928	34.260	1.015	14.788

12/13/2016 10:15:00 PM	519300.000	73.210	17.991
166.869	29196.709	33709.223	21.298
22922.271	34.250	1.015	14.793
12/13/2016 10:20:00 PM	519600.000	73.217	17.991
166.885	29176.615	33686.152	21.282
22906.586	34.274	1.015	14.790
12/13/2016 10:25:00 PM	519900.000	73.198	17.992
166.840	29199.107	33711.734	21.300
22923.980	34.248	1.015	14.788
12/13/2016 10:30:00 PM	520200.000	73.227	17.991
166.908	29189.730	33701.035	21.292
22916.707	34.259	1.015	14.786
12/13/2016 10:35:00 PM	520500.000	73.227	17.991
166.908	29194.529	33706.965	21.297
22920.738	34.253	1.015	14.788
12/13/2016 10:40:00 PM	520800.000	73.223	17.991
166.897	29187.057	33698.016	21.290
22914.652	34.262	1.015	14.791
12/13/2016 10:45:00 PM	521100.000	73.221	17.991
166.894	29185.344	33696.488	21.289
22913.613	34.264	1.015	14.793
12/13/2016 10:50:00 PM	521400.000	73.232	17.992
166.918	29191.609	33702.949	21.294
22918.008	34.256	1.015	14.790
12/13/2016 10:55:00 PM	521700.000	73.229	17.991
166.912	29180.889	33690.828	21.285
22909.766	34.269	1.015	14.788
12/13/2016 11:00:00 PM	522000.000	73.215	17.991
166.880	29185.508	33696.352	21.289
22913.521	34.264	1.015	14.785
12/13/2016 11:05:00 PM	522300.000	73.240	17.991
166.936	29184.219	33694.801	21.288
22912.467	34.265	1.015	14.782
12/13/2016 11:10:00 PM	522600.000	73.243	17.991
166.944	29194.037	33706.461	21.296
22920.395	34.254	1.015	14.780
12/13/2016 11:15:00 PM	522900.000	73.253	17.992
166.966	29191.865	33703.246	21.294
22918.207	34.256	1.015	14.777
12/13/2016 11:20:00 PM	523200.000	73.250	17.992
166.960	29190.178	33701.426	21.293
22916.971	34.258	1.015	14.780
12/13/2016 11:25:00 PM	523500.000	73.252	17.991
166.964	29192.512	33704.246	21.295
22918.889	34.255	1.015	14.783
12/13/2016 11:30:00 PM	523800.000	73.249	17.991
166.957	29196.051	33708.523	21.298
22921.799	34.251	1.015	14.785
12/13/2016 11:35:00 PM	524100.000	73.254	17.992
166.968	29184.180	33694.371	21.288
22912.172	34.265	1.015	14.783
12/13/2016 11:40:00 PM	524400.000	73.230	17.992
166.915	29168.436	33676.387	21.275
22899.943	34.284	1.015	14.781

12/13/2016 11:45:00 PM	524700.000	73.255	17.991
166.971	29185.830	33696.660	21.289
22913.729	34.263	1.015	14.778
12/13/2016 11:50:00 PM	525000.000	73.253	17.992
166.966	29194.090	33705.867	21.296
22919.990	34.254	1.015	14.781
12/13/2016 11:55:00 PM	525300.000	73.234	17.992
166.924	29191.164	33702.629	21.294
22917.787	34.257	1.015	14.784
12/14/2016 12:00:00 AM	525600.000	73.252	17.991
166.964	29178.727	33688.719	21.284
22908.328	34.272	1.015	14.787
12/14/2016 12:05:00 AM	525900.000	73.256	17.992
166.974	29189.225	33700.195	21.292
22916.135	34.259	1.015	14.785
12/14/2016 12:10:00 AM	526200.000	73.257	17.991
166.976	29174.701	33683.813	21.280
22904.992	34.276	1.015	14.783
12/14/2016 12:15:00 AM	526500.000	73.259	17.991
166.981	29203.131	33716.828	21.303
22927.445	34.243	1.015	14.782
12/14/2016 12:20:00 AM	526800.000	73.254	17.991
166.969	29184.637	33695.543	21.289
22912.969	34.265	1.015	14.783
12/14/2016 12:25:00 AM	527100.000	73.256	17.991
166.974	29181.072	33691.105	21.286
22909.953	34.269	1.015	14.783
12/14/2016 12:30:00 AM	527400.000	73.258	17.991
166.977	29202.650	33716.273	21.303
22927.066	34.243	1.015	14.784
12/14/2016 12:35:00 AM	527700.000	73.260	17.991
166.981	29190.518	33701.945	21.293
22917.324	34.258	1.015	14.784
12/14/2016 12:40:00 AM	528000.000	73.256	17.991
166.973	29191.746	33703.430	21.294
22918.334	34.256	1.015	14.784
12/14/2016 12:45:00 AM	528300.000	73.257	17.991
166.976	29180.488	33690.688	21.285
22909.670	34.269	1.015	14.783
12/14/2016 12:50:00 AM	528600.000	73.261	17.992
166.985	29174.660	33683.438	21.280
22904.740	34.276	1.015	14.781
12/14/2016 12:55:00 AM	528900.000	73.263	17.992
166.988	29177.719	33687.043	21.283
22907.189	34.273	1.015	14.779
12/14/2016 1:00:00 AM	529200.000	73.271	17.992
167.007	29200.629	33713.555	21.301
22925.219	34.246	1.015	14.776
12/14/2016 1:05:00 AM	529500.000	73.269	17.991
167.003	29180.730	33690.711	21.285
22909.686	34.269	1.015	14.773
12/14/2016 1:10:00 AM	529800.000	73.270	17.991
167.005	29188.424	33699.527	21.291
22915.680	34.260	1.015	14.770

12/14/2016 1:15:00 AM	530100.000	73.278	17.991
167.024	29194.477	33706.707	21.296
22920.561	34.253	1.015	14.767
12/14/2016 1:20:00 AM	530400.000	73.271	17.991
167.007	29187.600	33699.219	21.291
22915.471	34.261	1.015	14.770
12/14/2016 1:25:00 AM	530700.000	73.271	17.991
167.007	29184.211	33694.855	21.288
22912.502	34.265	1.015	14.772
12/14/2016 1:30:00 AM	531000.000	73.269	17.992
167.003	29188.902	33700.016	21.292
22916.014	34.260	1.015	14.775
12/14/2016 1:35:00 AM	531300.000	73.270	17.991
167.005	29199.010	33712.070	21.300
22924.209	34.248	1.015	14.773
12/14/2016 1:40:00 AM	531600.000	73.267	17.991
166.998	29196.109	33708.723	21.298
22921.932	34.251	1.015	14.772
12/14/2016 1:45:00 AM	531900.000	73.268	17.991
167.001	29188.330	33699.484	21.291
22915.650	34.260	1.015	14.770
12/14/2016 1:50:00 AM	532200.000	73.250	17.992
166.959	29176.057	33684.863	21.281
22905.709	34.275	1.015	14.772
12/14/2016 1:55:00 AM	532500.000	73.268	17.991
167.001	29193.072	33705.414	21.295
22919.684	34.255	1.015	14.774
12/14/2016 2:00:00 AM	532800.000	73.264	17.991
166.991	29186.910	33697.910	21.290
22914.582	34.262	1.015	14.776
12/14/2016 2:05:00 AM	533100.000	73.265	17.991
166.994	29174.094	33683.176	21.280
22904.563	34.277	1.015	14.777
12/14/2016 2:10:00 AM	533400.000	73.262	17.992
166.987	29193.264	33704.914	21.295
22919.342	34.254	1.015	14.778
12/14/2016 2:15:00 AM	533700.000	73.238	17.991
166.933	29178.436	33688.188	21.283
22907.969	34.272	1.015	14.779
12/14/2016 2:20:00 AM	534000.000	73.265	17.991
166.994	29188.600	33699.859	21.292
22915.904	34.260	1.015	14.779
12/14/2016 2:25:00 AM	534300.000	73.260	17.992
166.983	29192.021	33703.617	21.294
22918.461	34.256	1.015	14.779
12/14/2016 2:30:00 AM	534600.000	73.238	17.991
166.931	29174.152	33683.371	21.280
22904.693	34.277	1.015	14.779
12/14/2016 2:35:00 AM	534900.000	73.259	17.991
166.980	29187.924	33699.141	21.291
22915.416	34.261	1.015	14.779
12/14/2016 2:40:00 AM	535200.000	73.261	17.992
166.985	29185.457	33696.039	21.289
22913.307	34.264	1.015	14.780

12/14/2016 2:45:00 AM	535500.000	73.253	17.992
166.967	29181.232	33691.098	21.286
22909.949	34.269	1.015	14.780
12/14/2016 2:50:00 AM	535800.000	73.259	17.991
166.980	29183.027	33693.297	21.287
22911.441	34.266	1.015	14.779
12/14/2016 2:55:00 AM	536100.000	73.255	17.992
166.970	29186.148	33696.773	21.289
22913.807	34.263	1.015	14.779
12/14/2016 3:00:00 AM	536400.000	73.255	17.991
166.971	29177.861	33687.332	21.283
22907.389	34.273	1.015	14.779
12/14/2016 3:05:00 AM	536700.000	73.255	17.992
166.971	29196.010	33708.086	21.297
22921.500	34.251	1.015	14.779
12/14/2016 3:10:00 AM	537000.000	73.253	17.991
166.967	29202.850	33716.504	21.303
22927.223	34.243	1.015	14.779
12/14/2016 3:15:00 AM	537300.000	73.260	17.991
166.981	29179.367	33689.070	21.284
22908.570	34.271	1.015	14.779
12/14/2016 3:20:00 AM	537600.000	73.261	17.991
166.984	29186.922	33698.051	21.290
22914.674	34.262	1.015	14.780
12/14/2016 3:25:00 AM	537900.000	73.257	17.992
166.976	29190.803	33702.148	21.293
22917.461	34.257	1.015	14.782
12/14/2016 3:30:00 AM	538200.000	73.251	17.991
166.963	29182.584	33693.305	21.287
22911.447	34.267	1.015	14.783
12/14/2016 3:35:00 AM	538500.000	73.237	17.991
166.930	29180.271	33690.309	21.285
22909.410	34.270	1.015	14.781
12/14/2016 3:40:00 AM	538800.000	73.251	17.992
166.962	29181.176	33691.098	21.286
22909.949	34.269	1.015	14.779
12/14/2016 3:45:00 AM	539100.000	73.256	17.992
166.974	29189.916	33701.051	21.292
22916.715	34.258	1.015	14.778
12/14/2016 3:50:00 AM	539400.000	73.261	17.991
166.984	29187.744	33698.809	21.291
22915.189	34.261	1.015	14.774
12/14/2016 3:55:00 AM	539700.000	73.256	17.992
166.974	29192.441	33703.910	21.294
22918.660	34.255	1.015	14.770
12/14/2016 4:00:00 AM	540000.000	73.264	17.992
166.990	29201.736	33714.770	21.302
22926.045	34.245	1.015	14.767
12/14/2016 4:05:00 AM	540300.000	73.260	17.991
166.983	29182.783	33693.082	21.287
22911.299	34.267	1.015	14.767
12/14/2016 4:10:00 AM	540600.000	73.258	17.991
166.979	29177.428	33686.898	21.283
22907.094	34.273	1.015	14.767

12/14/2016 4:15:00 AM 540900.000 73.262 17.992
166.988 29187.369 33698.184 21.290
22914.766 34.261 1.015 14.767
12/14/2016 4:20:00 AM 541200.000 73.261 17.991
166.984 29179.270 33689.023 21.284
22908.539 34.271 1.015 14.766
12/14/2016 4:25:00 AM 541500.000 73.264 17.992
166.990 29192.502 33704.172 21.295
22918.838 34.255 1.015 14.765
12/14/2016 4:30:00 AM 541800.000 73.262 17.991
166.987 29174.557 33683.969 21.281
22905.100 34.276 1.015 14.763
12/14/2016 4:35:00 AM 542100.000 73.260 17.992
166.983 29183.898 33693.918 21.288
22911.867 34.265 1.015 14.761
12/14/2016 4:40:00 AM 542400.000 73.268 17.991
167.000 29198.656 33711.406 21.300
22923.758 34.248 1.015 14.758
12/14/2016 4:45:00 AM 542700.000 73.268 17.991
166.999 29188.588 33699.848 21.292
22915.896 34.260 1.015 14.755
12/14/2016 4:50:00 AM 543000.000 73.265 17.992
166.993 29195.701 33707.805 21.297
22921.309 34.252 1.015 14.756
12/14/2016 4:55:00 AM 543300.000 73.266 17.991
166.995 29164.039 33671.566 21.272
22896.668 34.289 1.015 14.757
12/14/2016 5:00:00 AM 543600.000 73.265 17.991
166.994 29176.814 33686.191 21.282
22906.613 34.274 1.015 14.757
12/14/2016 5:05:00 AM 543900.000 73.266 17.991
166.996 29191.469 33703.043 21.294
22918.072 34.257 1.015 14.759
12/14/2016 5:10:00 AM 544200.000 73.264 17.991
166.992 29183.396 33693.980 21.288
22911.906 34.266 1.015 14.761
12/14/2016 5:15:00 AM 544500.000 73.246 17.991
166.950 29177.504 33687.242 21.283
22907.326 34.273 1.015 14.763
12/14/2016 5:20:00 AM 544800.000 73.264 17.991
166.991 29190.783 33702.512 21.293
22917.709 34.257 1.015 14.761
12/14/2016 5:25:00 AM 545100.000 73.266 17.991
166.996 29195.959 33708.547 21.298
22921.814 34.251 1.015 14.760
12/14/2016 5:30:00 AM 545400.000 73.274 17.991
167.014 29190.225 33701.867 21.293
22917.271 34.258 1.015 14.758
12/14/2016 5:35:00 AM 545700.000 73.270 17.991
167.005 29187.543 33698.641 21.291
22915.078 34.261 1.015 14.759
12/14/2016 5:40:00 AM 546000.000 73.266 17.991
166.997 29175.744 33684.953 21.281
22905.770 34.275 1.015 14.760

12/14/2016 5:45:00 AM	546300.000	73.272	17.992
167.009	29188.676	33699.754	21.292
22915.832	34.260	1.015	14.762
12/14/2016 5:50:00 AM	546600.000	73.271	17.991
167.008	29191.785	33703.539	21.294
22918.408	34.256	1.015	14.762
12/14/2016 5:55:00 AM	546900.000	73.257	17.991
166.975	29186.350	33697.652	21.290
22914.406	34.263	1.015	14.763
12/14/2016 6:00:00 AM	547200.000	73.274	17.991
167.013	29174.090	33683.238	21.280
22904.602	34.277	1.015	14.763
12/14/2016 6:05:00 AM	547500.000	73.276	17.991
167.018	29183.916	33694.391	21.288
22912.188	34.265	1.015	14.762
12/14/2016 6:10:00 AM	547800.000	73.283	17.991
167.035	29190.363	33701.766	21.293
22917.201	34.258	1.015	14.761
12/14/2016 6:15:00 AM	548100.000	73.284	17.991
167.037	29190.066	33701.746	21.293
22917.189	34.258	1.015	14.760
12/14/2016 6:20:00 AM	548400.000	73.286	17.991
167.041	29193.395	33705.523	21.296
22919.758	34.254	1.015	14.759
12/14/2016 6:25:00 AM	548700.000	73.288	17.991
167.045	29174.645	33683.617	21.280
22904.859	34.276	1.015	14.759
12/14/2016 6:30:00 AM	549000.000	73.290	17.992
167.050	29180.129	33689.887	21.285
22909.125	34.270	1.015	14.759
12/14/2016 6:35:00 AM	549300.000	73.294	17.991
167.061	29169.084	33677.648	21.276
22900.803	34.283	1.015	14.760
12/14/2016 6:40:00 AM	549600.000	73.297	17.991
167.066	29187.225	33698.141	21.290
22914.738	34.262	1.015	14.762
12/14/2016 6:45:00 AM	549900.000	73.295	17.991
167.063	29190.311	33701.703	21.293
22917.160	34.258	1.015	14.764
12/14/2016 6:50:00 AM	550200.000	73.296	17.992
167.064	29177.508	33686.797	21.283
22907.023	34.273	1.015	14.764
12/14/2016 6:55:00 AM	550500.000	73.300	17.991
167.072	29178.666	33688.980	21.284
22908.508	34.272	1.015	14.764
12/14/2016 7:00:00 AM	550800.000	73.305	17.991
167.086	29176.355	33685.594	21.282
22906.205	34.274	1.015	14.765
12/14/2016 7:05:00 AM	551100.000	73.280	17.991
167.029	29189.605	33701.152	21.293
22916.785	34.259	1.015	14.766
12/14/2016 7:10:00 AM	551400.000	73.305	17.991
167.084	29190.967	33703.047	21.294
22918.074	34.257	1.015	14.768

12/14/2016 7:15:00 AM	551700.000	73.310	17.992
167.097	29181.090	33690.805	21.285
22909.750	34.269	1.015	14.769
12/14/2016 7:20:00 AM	552000.000	73.308	17.991
167.093	29192.609	33704.617	21.295
22919.143	34.255	1.015	14.766
12/14/2016 7:25:00 AM	552300.000	73.315	17.991
167.108	29187.287	33698.668	21.291
22915.094	34.261	1.015	14.763
12/14/2016 7:30:00 AM	552600.000	73.322	17.992
167.123	29197.094	33709.336	21.298
22922.350	34.250	1.015	14.760
12/14/2016 7:35:00 AM	552900.000	73.322	17.991
167.124	29186.557	33697.691	21.290
22914.430	34.262	1.015	14.760
12/14/2016 7:40:00 AM	553200.000	73.310	17.991
167.096	29190.623	33702.520	21.293
22917.713	34.258	1.015	14.760
12/14/2016 7:45:00 AM	553500.000	73.328	17.992
167.136	29192.557	33704.234	21.295
22918.881	34.255	1.015	14.759
12/14/2016 7:50:00 AM	553800.000	73.334	17.992
167.151	29188.811	33699.773	21.292
22915.846	34.260	1.015	14.758
12/14/2016 7:55:00 AM	554100.000	73.336	17.991
167.155	29186.910	33697.777	21.290
22914.490	34.262	1.015	14.756
12/14/2016 8:00:00 AM	554400.000	73.343	17.991
167.172	29178.084	33687.656	21.283
22907.607	34.272	1.015	14.755
12/14/2016 8:05:00 AM	554700.000	73.345	17.991
167.175	29202.072	33715.605	21.303
22926.613	34.244	1.015	14.757
12/14/2016 8:10:00 AM	555000.000	73.345	17.991
167.176	29182.580	33693.039	21.287
22911.268	34.267	1.015	14.759
12/14/2016 8:15:00 AM	555300.000	73.350	17.991
167.186	29187.947	33699.043	21.291
22915.350	34.261	1.015	14.761
12/14/2016 8:20:00 AM	555600.000	73.355	17.991
167.198	29204.135	33717.734	21.304
22928.063	34.242	1.015	14.762
12/14/2016 8:25:00 AM	555900.000	73.357	17.991
167.204	29178.133	33687.711	21.283
22907.646	34.272	1.015	14.763
12/14/2016 8:30:00 AM	556200.000	73.360	17.991
167.210	29188.396	33699.883	21.292
22915.920	34.260	1.015	14.764
12/14/2016 8:35:00 AM	556500.000	73.362	17.992
167.215	29195.611	33707.500	21.297
22921.102	34.252	1.015	14.763
12/14/2016 8:40:00 AM	556800.000	73.363	17.991
167.218	29210.277	33724.949	21.309
22932.967	34.235	1.015	14.762

12/14/2016 8:45:00 AM	557100.000	73.367	17.991
167.225	29188.617	33699.879	21.292
22915.918	34.260	1.015	14.761
12/14/2016 8:50:00 AM	557400.000	73.373	17.991
167.240	29185.197	33695.867	21.289
22913.191	34.264	1.015	14.759
12/14/2016 8:55:00 AM	557700.000	73.382	17.991
167.260	29178.869	33688.563	21.284
22908.225	34.271	1.015	14.758
12/14/2016 9:00:00 AM	558000.000	73.380	17.991
167.257	29195.137	33707.469	21.297
22921.080	34.252	1.015	14.757
12/14/2016 9:05:00 AM	558300.000	73.386	17.991
167.270	29178.861	33688.809	21.284
22908.393	34.271	1.015	14.763
12/14/2016 9:10:00 AM	558600.000	73.382	17.991
167.260	29191.428	33703.188	21.294
22918.170	34.257	1.015	14.770
12/14/2016 9:15:00 AM	558900.000	73.379	17.991
167.252	29192.373	33704.152	21.295
22918.824	34.256	1.015	14.777
12/14/2016 9:20:00 AM	559200.000	73.362	17.991
167.214	29186.680	33697.645	21.290
22914.400	34.262	1.015	14.775
12/14/2016 9:25:00 AM	559500.000	73.389	17.992
167.276	29189.564	33700.781	21.292
22916.533	34.259	1.015	14.774
12/14/2016 9:30:00 AM	559800.000	73.371	17.991
167.234	29190.402	33701.879	21.293
22917.277	34.258	1.015	14.773
12/14/2016 9:35:00 AM	560100.000	73.391	17.991
167.281	29186.943	33698.270	21.291
22914.826	34.262	1.015	14.774
12/14/2016 9:40:00 AM	560400.000	73.394	17.991
167.288	29195.650	33708.129	21.297
22921.527	34.252	1.015	14.775
12/14/2016 9:45:00 AM	560700.000	73.398	17.992
167.297	29194.854	33706.750	21.296
22920.592	34.253	1.015	14.775
12/14/2016 9:50:00 AM	561000.000	73.404	17.991
167.311	29202.682	33716.117	21.303
22926.961	34.243	1.015	14.774
12/14/2016 9:55:00 AM	561300.000	73.408	17.991
167.320	29179.279	33689.098	21.284
22908.586	34.271	1.015	14.772
12/14/2016 10:00:00 AM	561600.000	73.411	17.991
167.326	29183.580	33694.000	21.288
22911.920	34.266	1.015	14.770
12/14/2016 10:05:00 AM	561900.000	73.410	17.991
167.323	29187.057	33698.141	21.290
22914.738	34.262	1.015	14.771
12/14/2016 10:10:00 AM	562200.000	73.409	17.991
167.322	29185.814	33696.773	21.289
22913.807	34.263	1.015	14.772

12/14/2016 10:15:00 AM	562500.000	73.414	17.991
167.334	29191.377	33703.258	21.294
22918.217	34.257	1.015	14.773
12/14/2016 10:20:00 AM	562800.000	73.417	17.991
167.341	29181.730	33692.250	21.286
22910.732	34.268	1.015	14.772
12/14/2016 10:25:00 AM	563100.000	73.421	17.992
167.348	29190.207	33701.523	21.293
22917.037	34.258	1.015	14.771
12/14/2016 10:30:00 AM	563400.000	73.402	17.992
167.307	29190.223	33701.539	21.293
22917.047	34.258	1.015	14.769
12/14/2016 10:35:00 AM	563700.000	73.421	17.991
167.349	29170.793	33679.301	21.277
22901.924	34.281	1.015	14.771
12/14/2016 10:40:00 AM	564000.000	73.425	17.991
167.358	29192.117	33703.922	21.294
22918.668	34.256	1.015	14.772
12/14/2016 10:45:00 AM	564300.000	73.424	17.991
167.356	29189.865	33701.512	21.293
22917.029	34.258	1.015	14.774
12/14/2016 10:50:00 AM	564600.000	73.423	17.992
167.353	29183.486	33693.762	21.287
22911.758	34.266	1.015	14.772
12/14/2016 10:55:00 AM	564900.000	73.430	17.991
167.370	29182.889	33693.266	21.287
22911.420	34.267	1.015	14.771
12/14/2016 11:00:00 AM	565200.000	73.432	17.991
167.374	29195.207	33707.551	21.297
22921.135	34.252	1.015	14.769
12/14/2016 11:05:00 AM	565500.000	73.411	17.991
167.326	29170.803	33679.375	21.277
22901.977	34.281	1.015	14.769
12/14/2016 11:10:00 AM	565800.000	73.431	17.991
167.371	29178.520	33688.223	21.284
22907.994	34.272	1.015	14.768
12/14/2016 11:15:00 AM	566100.000	73.430	17.991
167.369	29187.756	33699.078	21.291
22915.375	34.261	1.015	14.768
12/14/2016 11:20:00 AM	566400.000	73.431	17.992
167.372	29187.568	33698.477	21.291
22914.967	34.261	1.015	14.768
12/14/2016 11:25:00 AM	566700.000	73.431	17.991
167.371	29195.049	33707.367	21.297
22921.012	34.252	1.015	14.768
12/14/2016 11:30:00 AM	567000.000	73.430	17.991
167.370	29186.205	33697.484	21.290
22914.289	34.263	1.015	14.768
12/14/2016 11:35:00 AM	567300.000	73.429	17.991
167.367	29172.088	33680.664	21.278
22902.854	34.279	1.015	14.768
12/14/2016 11:40:00 AM	567600.000	73.427	17.991
167.362	29197.461	33710.281	21.299
22922.992	34.250	1.015	14.767

12/14/2016 11:45:00 AM	567900.000	73.429	17.991
167.368	29190.563	33701.996	21.293
22917.359	34.258	1.015	14.766
12/14/2016 11:50:00 AM	568200.000	73.430	17.991
167.370	29192.080	33704.070	21.295
22918.768	34.256	1.015	14.763
12/14/2016 11:55:00 AM	568500.000	73.430	17.991
167.370	29183.500	33693.840	21.287
22911.813	34.266	1.015	14.760
12/14/2016 12:00:00 PM	568800.000	73.430	17.991
167.370	29170.688	33679.117	21.277
22901.803	34.281	1.015	14.756
12/14/2016 12:05:00 PM	569100.000	73.433	17.992
167.376	29187.059	33697.824	21.290
22914.521	34.262	1.015	14.757
12/14/2016 12:10:00 PM	569400.000	73.432	17.991
167.375	29167.371	33675.609	21.275
22899.416	34.285	1.015	14.757
12/14/2016 12:15:00 PM	569700.000	73.427	17.991
167.363	29191.227	33702.891	21.294
22917.969	34.257	1.015	14.757
12/14/2016 12:20:00 PM	570000.000	73.407	17.991
167.316	29179.314	33689.141	21.284
22908.617	34.271	1.015	14.755
12/14/2016 12:25:00 PM	570300.000	73.429	17.991
167.368	29179.125	33689.113	21.284
22908.598	34.271	1.015	14.752
12/14/2016 12:30:00 PM	570600.000	73.429	17.991
167.366	29198.762	33711.594	21.300
22923.885	34.248	1.015	14.749
12/14/2016 12:35:00 PM	570900.000	73.426	17.991
167.362	29180.420	33690.738	21.285
22909.705	34.270	1.015	14.750
12/14/2016 12:40:00 PM	571200.000	73.422	17.991
167.351	29192.813	33704.984	21.295
22919.391	34.255	1.015	14.750
12/14/2016 12:45:00 PM	571500.000	73.420	17.991
167.347	29182.391	33692.883	21.287
22911.162	34.267	1.015	14.750
12/14/2016 12:50:00 PM	571800.000	73.417	17.991
167.340	29204.555	33718.410	21.305
22928.520	34.241	1.015	14.750
12/14/2016 12:55:00 PM	572100.000	73.414	17.991
167.334	29191.639	33703.367	21.294
22918.291	34.256	1.015	14.750
12/14/2016 1:00:00 PM	572400.000	73.413	17.992
167.330	29188.047	33698.965	21.291
22915.299	34.261	1.015	14.750
12/14/2016 1:05:00 PM	572700.000	73.405	17.991
167.313	29183.104	33693.836	21.287
22911.811	34.266	1.015	14.751
12/14/2016 1:10:00 PM	573000.000	73.401	17.992
167.304	29198.721	33711.160	21.299
22923.592	34.248	1.015	14.751

12/14/2016 1:15:00 PM	573300.000	73.395	17.992
167.291	29189.664	33700.758	21.292
22916.518	34.259	1.015	14.751
12/14/2016 1:20:00 PM	573600.000	73.394	17.991
167.287	29166.936	33675.238	21.274
22899.162	34.285	1.015	14.751
12/14/2016 1:25:00 PM	573900.000	73.394	17.991
167.288	29184.701	33695.297	21.288
22912.803	34.265	1.015	14.750
12/14/2016 1:30:00 PM	574200.000	73.387	17.991
167.273	29187.068	33698.414	21.291
22914.922	34.262	1.015	14.750
12/14/2016 1:35:00 PM	574500.000	73.381	17.991
167.258	29183.379	33693.770	21.287
22911.764	34.266	1.015	14.749
12/14/2016 1:40:00 PM	574800.000	73.374	17.992
167.242	29199.305	33712.027	21.300
22924.182	34.247	1.015	14.748
12/14/2016 1:45:00 PM	575100.000	73.375	17.992
167.244	29195.039	33707.102	21.297
22920.832	34.252	1.015	14.747
12/14/2016 1:50:00 PM	575400.000	73.369	17.992
167.232	29163.613	33670.820	21.271
22896.160	34.289	1.015	14.746
12/14/2016 1:55:00 PM	575700.000	73.369	17.992
167.230	29173.852	33682.641	21.280
22904.195	34.277	1.015	14.744
12/14/2016 2:00:00 PM	576000.000	73.369	17.991
167.232	29178.375	33687.992	21.283
22907.836	34.272	1.015	14.742
12/14/2016 2:05:00 PM	576300.000	73.365	17.991
167.222	29191.729	33703.473	21.294
22918.361	34.256	1.015	14.742
12/14/2016 2:10:00 PM	576600.000	73.357	17.991
167.204	29191.645	33703.438	21.294
22918.338	34.256	1.015	14.742
12/14/2016 2:15:00 PM	576900.000	73.354	17.992
167.196	29191.389	33702.887	21.294
22917.963	34.257	1.015	14.743
12/14/2016 2:20:00 PM	577200.000	73.345	17.991
167.176	29192.035	33703.957	21.294
22918.691	34.256	1.015	14.744
12/14/2016 2:25:00 PM	577500.000	73.341	17.991
167.167	29189.207	33701.016	21.292
22916.693	34.259	1.015	14.746
12/14/2016 2:30:00 PM	577800.000	73.336	17.991
167.154	29191.916	33703.750	21.294
22918.553	34.256	1.015	14.747
12/14/2016 2:35:00 PM	578100.000	73.332	17.991
167.146	29178.887	33688.582	21.284
22908.238	34.271	1.015	14.745
12/14/2016 2:40:00 PM	578400.000	73.330	17.991
167.142	29167.969	33676.102	21.275
22899.752	34.284	1.015	14.742

12/14/2016 2:45:00 PM	578700.000	73.327	17.991
167.135	29196.266	33709.102	21.298
22922.189	34.251	1.015	14.740
12/14/2016 2:50:00 PM	579000.000	73.321	17.991
167.121	29193.975	33706.066	21.296
22920.125	34.254	1.015	14.742
12/14/2016 2:55:00 PM	579300.000	73.312	17.991
167.100	29188.506	33699.688	21.292
22915.789	34.260	1.015	14.745
12/14/2016 3:00:00 PM	579600.000	73.307	17.991
167.088	29176.867	33686.508	21.282
22906.828	34.274	1.015	14.747
12/14/2016 3:05:00 PM	579900.000	73.302	17.991
167.077	29192.666	33704.555	21.295
22919.098	34.255	1.015	14.744
12/14/2016 3:10:00 PM	580200.000	73.302	17.992
167.079	29190.795	33702.141	21.293
22917.455	34.257	1.015	14.740
12/14/2016 3:15:00 PM	580500.000	73.304	17.991
167.081	29184.789	33695.461	21.289
22912.914	34.264	1.015	14.736
12/14/2016 3:20:00 PM	580800.000	73.277	17.992
167.020	29177.463	33686.547	21.282
22906.854	34.273	1.015	14.738
12/14/2016 3:25:00 PM	581100.000	73.290	17.991
167.050	29178.396	33688.141	21.283
22907.936	34.272	1.015	14.740
12/14/2016 3:30:00 PM	581400.000	73.284	17.991
167.037	29188.010	33699.047	21.291
22915.352	34.261	1.015	14.742
12/14/2016 3:35:00 PM	581700.000	73.277	17.991
167.021	29185.809	33696.508	21.289
22913.625	34.263	1.015	14.740
12/14/2016 3:40:00 PM	582000.000	73.273	17.991
167.013	29177.643	33687.340	21.283
22907.393	34.273	1.015	14.738
12/14/2016 3:45:00 PM	582300.000	73.271	17.991
167.008	29201.176	33714.379	21.302
22925.779	34.245	1.015	14.736
12/14/2016 3:50:00 PM	582600.000	73.270	17.992
167.005	29191.754	33703.246	21.294
22918.207	34.256	1.015	14.735
12/14/2016 3:55:00 PM	582900.000	73.263	17.991
166.989	29179.805	33689.641	21.285
22908.957	34.270	1.015	14.733
12/14/2016 4:00:00 PM	583200.000	73.258	17.992
166.977	29183.354	33693.289	21.287
22911.438	34.266	1.015	14.731
12/14/2016 4:05:00 PM	583500.000	73.254	17.991
166.968	29199.189	33712.215	21.300
22924.307	34.248	1.015	14.736
12/14/2016 4:10:00 PM	583800.000	73.247	17.991
166.953	29162.762	33670.027	21.271
22895.621	34.290	1.015	14.740

12/14/2016 4:15:00 PM	584100.000	73.238	17.992
166.933	29177.914	33687.066	21.283
22907.205	34.272	1.015	14.744
12/14/2016 4:20:00 PM	584400.000	73.236	17.991
166.928	29197.008	33709.438	21.298
22922.418	34.250	1.015	14.742
12/14/2016 4:25:00 PM	584700.000	73.234	17.992
166.922	29194.984	33707.039	21.297
22920.787	34.252	1.015	14.740
12/14/2016 4:30:00 PM	585000.000	73.232	17.991
166.919	29190.285	33701.867	21.293
22917.271	34.258	1.015	14.739
12/14/2016 4:35:00 PM	585300.000	73.229	17.991
166.912	29193.395	33705.523	21.296
22919.758	34.254	1.015	14.738
12/14/2016 4:40:00 PM	585600.000	73.225	17.991
166.902	29185.719	33696.727	21.289
22913.775	34.263	1.015	14.737
12/14/2016 4:45:00 PM	585900.000	73.202	17.991
166.849	29187.139	33698.109	21.290
22914.717	34.262	1.015	14.736
12/14/2016 4:50:00 PM	586200.000	73.193	17.991
166.829	29172.697	33681.629	21.279
22903.510	34.279	1.015	14.736
12/14/2016 4:55:00 PM	586500.000	73.212	17.992
166.873	29182.004	33692.051	21.286
22910.598	34.268	1.015	14.737
12/14/2016 5:00:00 PM	586800.000	73.209	17.991
166.865	29177.314	33687.152	21.283
22907.266	34.273	1.015	14.738
12/14/2016 5:05:00 PM	587100.000	73.198	17.991
166.841	29185.201	33695.805	21.289
22913.146	34.264	1.015	14.739
12/14/2016 5:10:00 PM	587400.000	73.197	17.992
166.840	29186.605	33697.227	21.290
22914.115	34.262	1.015	14.740
12/14/2016 5:15:00 PM	587700.000	73.195	17.991
166.835	29187.414	33698.555	21.291
22915.018	34.261	1.015	14.740
12/14/2016 5:20:00 PM	588000.000	73.189	17.991
166.819	29194.287	33706.688	21.296
22920.547	34.253	1.015	14.740
12/14/2016 5:25:00 PM	588300.000	73.187	17.992
166.816	29187.258	33698.055	21.290
22914.678	34.262	1.015	14.740
12/14/2016 5:30:00 PM	588600.000	73.184	17.991
166.809	29191.137	33702.918	21.294
22917.986	34.257	1.015	14.740
12/14/2016 5:35:00 PM	588900.000	73.184	17.991
166.810	29203.779	33717.254	21.304
22927.734	34.242	1.015	14.739
12/14/2016 5:40:00 PM	589200.000	73.179	17.991
166.797	29197.637	33710.293	21.299
22923.000	34.249	1.015	14.739

12/14/2016 5:45:00 PM	589500.000	73.175	17.992
166.788	29188.352	33699.316	21.291
22915.537	34.260	1.015	14.738
12/14/2016 5:50:00 PM	589800.000	73.173	17.991
166.783	29178.979	33688.750	21.284
22908.350	34.271	1.015	14.739
12/14/2016 5:55:00 PM	590100.000	73.172	17.991
166.782	29193.475	33705.617	21.296
22919.820	34.254	1.015	14.740
12/14/2016 6:00:00 PM	590400.000	73.170	17.992
166.777	29195.637	33707.730	21.297
22921.260	34.252	1.015	14.741
12/14/2016 6:05:00 PM	590700.000	73.168	17.991
166.773	29183.098	33693.445	21.287
22911.545	34.266	1.015	14.740
12/14/2016 6:10:00 PM	591000.000	73.165	17.991
166.765	29196.395	33708.730	21.298
22921.938	34.251	1.015	14.739
12/14/2016 6:15:00 PM	591300.000	73.164	17.991
166.762	29178.367	33688.109	21.283
22907.916	34.272	1.015	14.739
12/14/2016 6:20:00 PM	591600.000	73.159	17.991
166.753	29186.217	33697.367	21.290
22914.209	34.263	1.015	14.738
12/14/2016 6:25:00 PM	591900.000	73.158	17.992
166.749	29190.074	33701.234	21.293
22916.842	34.258	1.015	14.738
12/14/2016 6:30:00 PM	592200.000	73.158	17.991
166.750	29197.223	33709.945	21.299
22922.764	34.250	1.015	14.737
12/14/2016 6:35:00 PM	592500.000	73.157	17.991
166.747	29178.129	33687.898	21.283
22907.771	34.272	1.015	14.737
12/14/2016 6:40:00 PM	592800.000	73.154	17.992
166.740	29171.752	33679.953	21.278
22902.371	34.280	1.015	14.737
12/14/2016 6:45:00 PM	593100.000	73.153	17.991
166.739	29190.225	33701.797	21.293
22917.223	34.258	1.015	14.737
12/14/2016 6:50:00 PM	593400.000	73.152	17.992
166.736	29185.383	33695.953	21.289
22913.250	34.264	1.015	14.736
12/14/2016 6:55:00 PM	593700.000	73.152	17.991
166.735	29184.127	33694.824	21.288
22912.480	34.265	1.015	14.736
12/14/2016 7:00:00 PM	594000.000	73.133	17.991
166.692	29177.863	33687.527	21.283
22907.520	34.273	1.015	14.736
12/14/2016 7:05:00 PM	594300.000	73.145	17.991
166.720	29191.119	33702.707	21.294
22917.844	34.257	1.015	14.738
12/14/2016 7:10:00 PM	594600.000	73.143	17.991
166.714	29194.053	33706.156	21.296
22920.188	34.254	1.015	14.740

12/14/2016 7:15:00 PM	594900.000	73.142	17.991
166.713	29204.127	33717.918	21.304
22928.184	34.242	1.015	14.742
12/14/2016 7:20:00 PM	595200.000	73.141	17.991
166.710	29204.945	33718.602	21.305
22928.650	34.241	1.015	14.739
12/14/2016 7:25:00 PM	595500.000	73.150	17.991
166.732	29191.904	33703.613	21.294
22918.459	34.256	1.015	14.735
12/14/2016 7:30:00 PM	595800.000	73.151	17.991
166.734	29180.777	33690.766	21.285
22909.721	34.269	1.015	14.732
12/14/2016 7:35:00 PM	596100.000	73.145	17.991
166.720	29193.277	33705.391	21.295
22919.666	34.254	1.015	14.732
12/14/2016 7:40:00 PM	596400.000	73.150	17.991
166.732	29189.043	33700.242	21.292
22916.164	34.259	1.015	14.733
12/14/2016 7:45:00 PM	596700.000	73.149	17.992
166.728	29183.721	33694.035	21.288
22911.945	34.266	1.015	14.733
12/14/2016 7:50:00 PM	597000.000	73.150	17.991
166.730	29175.697	33684.898	21.281
22905.730	34.275	1.015	14.732
12/14/2016 7:55:00 PM	597300.000	73.148	17.992
166.728	29191.314	33702.801	21.294
22917.906	34.257	1.015	14.731
12/14/2016 8:00:00 PM	597600.000	73.149	17.991
166.730	29194.732	33706.809	21.296
22920.631	34.253	1.015	14.730
12/14/2016 8:05:00 PM	597900.000	73.133	17.991
166.693	29178.822	33688.441	21.284
22908.143	34.271	1.015	14.730
12/14/2016 8:10:00 PM	598200.000	73.158	17.991
166.749	29177.158	33687.039	21.283
22907.188	34.273	1.015	14.730
12/14/2016 8:15:00 PM	598500.000	73.151	17.992
166.734	29184.834	33695.320	21.288
22912.818	34.264	1.015	14.730
12/14/2016 8:20:00 PM	598800.000	73.153	17.991
166.738	29191.225	33703.020	21.294
22918.055	34.257	1.015	14.731
12/14/2016 8:25:00 PM	599100.000	73.155	17.991
166.742	29166.982	33674.902	21.274
22898.936	34.285	1.015	14.733
12/14/2016 8:30:00 PM	599400.000	73.154	17.991
166.740	29185.752	33696.766	21.289
22913.801	34.263	1.015	14.735
12/14/2016 8:35:00 PM	599700.000	73.156	17.991
166.745	29179.930	33690.043	21.285
22909.229	34.270	1.015	14.735
12/14/2016 8:40:00 PM	600000.000	73.158	17.992
166.750	29187.648	33698.434	21.291
22914.936	34.261	1.015	14.735

12/14/2016 8:45:00 PM	600300.000	73.166	17.991
166.767	29205.070	33719.004	21.305
22928.924	34.241	1.015	14.736
12/14/2016 8:50:00 PM	600600.000	73.162	17.991
166.759	29176.588	33685.930	21.282
22906.434	34.274	1.015	14.739
12/14/2016 8:55:00 PM	600900.000	73.157	17.992
166.747	29194.984	33706.977	21.297
22920.746	34.252	1.015	14.742
12/14/2016 9:00:00 PM	601200.000	73.158	17.991
166.749	29189.041	33700.367	21.292
22916.250	34.259	1.015	14.746
12/14/2016 9:05:00 PM	601500.000	73.166	17.991
166.769	29212.316	33727.113	21.311
22934.439	34.232	1.015	14.745
12/14/2016 9:10:00 PM	601800.000	73.165	17.991
166.766	29192.969	33704.773	21.295
22919.246	34.255	1.015	14.744
12/14/2016 9:15:00 PM	602100.000	73.173	17.992
166.784	29194.934	33706.980	21.297
22920.748	34.253	1.015	14.743
12/14/2016 9:20:00 PM	602400.000	73.174	17.991
166.786	29171.527	33680.340	21.278
22902.631	34.280	1.015	14.743
12/14/2016 9:25:00 PM	602700.000	73.176	17.991
166.791	29210.553	33725.398	21.309
22933.273	34.234	1.015	14.743
12/14/2016 9:30:00 PM	603000.000	73.180	17.992
166.800	29187.338	33698.211	21.290
22914.783	34.261	1.015	14.743
12/14/2016 9:35:00 PM	603300.000	73.184	17.992
166.808	29194.672	33706.613	21.296
22920.500	34.253	1.015	14.743
12/14/2016 9:40:00 PM	603600.000	73.186	17.991
166.813	29186.166	33697.113	21.290
22914.037	34.263	1.015	14.743
12/14/2016 9:45:00 PM	603900.000	73.184	17.991
166.810	29171.934	33680.617	21.278
22902.820	34.280	1.015	14.743
12/14/2016 9:50:00 PM	604200.000	73.187	17.991
166.815	29185.514	33696.168	21.289
22913.395	34.264	1.015	14.743
12/14/2016 9:55:00 PM	604500.000	73.172	17.991
166.781	29199.104	33712.051	21.300
22924.195	34.248	1.015	14.744
12/14/2016 10:00:00 PM	604800.000	73.195	17.991
166.834	29194.980	33707.289	21.297
22920.957	34.252	1.015	14.744
12/14/2016 10:05:00 PM	605100.000	73.197	17.991
166.840	29195.520	33707.719	21.297
22921.250	34.252	1.015	14.744
12/14/2016 10:10:00 PM	605400.000	73.199	17.991
166.843	29183.951	33694.430	21.288
22912.215	34.265	1.015	14.744

12/14/2016 10:15:00 PM	605700.000	73.205	17.991
166.857	29182.889	33693.328	21.287
22911.465	34.267	1.015	14.744
12/14/2016 10:20:00 PM	606000.000	73.209	17.991
166.865	29200.141	33713.121	21.301
22924.924	34.246	1.015	14.742
12/14/2016 10:25:00 PM	606300.000	73.208	17.991
166.864	29186.498	33697.625	21.290
22914.387	34.262	1.015	14.740
12/14/2016 10:30:00 PM	606600.000	73.216	17.991
166.882	29207.080	33721.258	21.307
22930.457	34.238	1.015	14.738
12/14/2016 10:35:00 PM	606900.000	73.220	17.992
166.890	29192.582	33704.266	21.295
22918.902	34.255	1.015	14.741
12/14/2016 10:40:00 PM	607200.000	73.218	17.991
166.887	29184.436	33694.922	21.288
22912.549	34.265	1.015	14.743
12/14/2016 10:45:00 PM	607500.000	73.217	17.992
166.884	29178.873	33688.438	21.284
22908.141	34.271	1.015	14.745
12/14/2016 10:50:00 PM	607800.000	73.221	17.991
166.892	29193.443	33705.516	21.296
22919.750	34.254	1.015	14.744
12/14/2016 10:55:00 PM	608100.000	73.224	17.991
166.899	29192.293	33704.383	21.295
22918.982	34.256	1.015	14.743
12/14/2016 11:00:00 PM	608400.000	73.223	17.991
166.897	29188.352	33699.637	21.291
22915.754	34.260	1.015	14.742
12/14/2016 11:05:00 PM	608700.000	73.226	17.992
166.904	29180.541	33690.363	21.285
22909.449	34.269	1.015	14.742
12/14/2016 11:10:00 PM	609000.000	73.230	17.991
166.914	29208.182	33722.469	21.307
22931.279	34.237	1.015	14.742
12/14/2016 11:15:00 PM	609300.000	73.236	17.991
166.928	29199.451	33712.520	21.300
22924.516	34.247	1.015	14.742
12/14/2016 11:20:00 PM	609600.000	73.232	17.991
166.917	29197.006	33709.824	21.299
22922.682	34.250	1.015	14.742
12/14/2016 11:25:00 PM	609900.000	73.243	17.992
166.943	29169.875	33677.984	21.276
22901.029	34.282	1.015	14.741
12/14/2016 11:30:00 PM	610200.000	73.241	17.991
166.939	29200.863	33714.211	21.302
22925.664	34.246	1.015	14.741
12/14/2016 11:35:00 PM	610500.000	73.246	17.992
166.951	29185.887	33696.473	21.289
22913.604	34.263	1.015	14.742
12/14/2016 11:40:00 PM	610800.000	73.247	17.992
166.952	29212.375	33727.117	21.311
22934.441	34.232	1.015	14.743

12/14/2016 11:45:00 PM	611100.000	73.250	17.991
166.960	29194.236	33706.238	21.296
22920.244	34.253	1.015	14.744
12/14/2016 11:50:00 PM	611400.000	73.231	17.991
166.916	29190.762	33702.484	21.293
22917.689	34.257	1.015	14.744
12/14/2016 11:55:00 PM	611700.000	73.257	17.991
166.976	29186.223	33697.113	21.290
22914.037	34.263	1.015	14.744

Report Date: 12/19/2016 10:29:18 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-4S LT Test_2016-12-15_16-23-00-240-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 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
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 2235
Sensors: 2
1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	Sensor: PCTD(A) 35.8ft SN#: 399147	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)
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12/8/2016 12:00:00 AM	7200.000	12.473	17.688
28.429	5982.764	6954.011	3.853
4728.728	167.147	1.002	14.776
12/8/2016 12:05:00 AM	7500.000	12.471	17.688
28.424	5985.592	6957.311	3.855
4730.971	167.068	1.002	14.779
12/8/2016 12:10:00 AM	7800.000	12.463	17.687
28.406	5988.626	6960.919	3.857
4733.425	166.983	1.002	14.781
12/8/2016 12:15:00 AM	8100.000	12.467	17.687
28.416	5991.521	6964.229	3.859
4735.676	166.903	1.002	14.783
12/8/2016 12:20:00 AM	8400.000	12.461	17.688
28.402	5993.703	6966.739	3.861
4737.382	166.842	1.002	14.783
12/8/2016 12:25:00 AM	8700.000	12.466	17.687
28.414	5997.251	6970.876	3.863
4740.196	166.743	1.002	14.783
12/8/2016 12:30:00 AM	9000.000	12.464	17.687
28.410	6000.495	6974.688	3.866
4742.788	166.653	1.002	14.783
12/8/2016 12:35:00 AM	9300.000	12.468	17.687
28.418	6003.890	6978.647	3.868
4745.480	166.559	1.002	14.779
12/8/2016 12:40:00 AM	9600.000	12.466	17.687
28.414	6006.510	6981.748	3.870
4747.589	166.486	1.002	14.775
12/8/2016 12:45:00 AM	9900.000	12.470	17.687
28.424	6009.648	6985.299	3.872
4750.004	166.399	1.002	14.771
12/8/2016 12:50:00 AM	10200.000	12.471	17.687
28.425	6011.089	6987.096	3.873
4751.226	166.359	1.002	14.772
12/8/2016 12:55:00 AM	10500.000	12.468	17.687
28.418	6012.714	6988.850	3.874
4752.418	166.314	1.002	14.773
12/8/2016 1:00:00 AM	10800.000	12.472	17.687
28.429	6017.155	6994.025	3.877
4755.938	166.191	1.002	14.774
12/8/2016 1:05:00 AM	11100.000	12.468	17.687
28.419	6018.997	6996.152	3.878
4757.384	166.141	1.002	14.774
12/8/2016 1:10:00 AM	11400.000	12.472	17.687
28.428	6018.651	6995.793	3.878
4757.139	166.150	1.002	14.774
12/8/2016 1:15:00 AM	11700.000	12.474	17.687
28.431	6018.515	6995.591	3.878
4757.002	166.154	1.002	14.774
12/8/2016 1:20:00 AM	12000.000	12.474	17.688
28.431	6021.036	6998.496	3.880
4758.978	166.084	1.002	14.773

12/8/2016 1:25:00 AM	12300.000	12.473	17.688
28.430	6022.295	6999.972	3.881
4759.981	166.050	1.002	14.772
12/8/2016 1:30:00 AM	12600.000	12.470	17.687
28.422	6026.364	7004.729	3.883
4763.216	165.938	1.002	14.771
12/8/2016 1:35:00 AM	12900.000	12.475	17.687
28.435	6024.462	7002.519	3.882
4761.713	165.990	1.002	14.770
12/8/2016 1:40:00 AM	13200.000	12.472	17.687
28.427	6025.880	7004.234	3.883
4762.880	165.951	1.002	14.770
12/8/2016 1:45:00 AM	13500.000	12.478	17.687
28.441	6027.552	7006.124	3.884
4764.165	165.905	1.002	14.769
12/8/2016 1:50:00 AM	13800.000	12.478	17.687
28.442	6029.413	7008.259	3.886
4765.616	165.854	1.002	14.769
12/8/2016 1:55:00 AM	14100.000	12.478	17.687
28.442	6029.151	7007.955	3.885
4765.410	165.861	1.002	14.768
12/8/2016 2:00:00 AM	14400.000	12.479	17.688
28.444	6031.294	7010.404	3.887
4767.076	165.802	1.002	14.768
12/8/2016 2:05:00 AM	14700.000	12.480	17.687
28.446	6033.357	7012.858	3.888
4768.744	165.745	1.002	14.767
12/8/2016 2:10:00 AM	15000.000	12.477	17.687
28.438	6034.431	7014.146	3.889
4769.620	165.716	1.002	14.766
12/8/2016 2:15:00 AM	15300.000	12.482	17.687
28.450	6035.728	7015.653	3.890
4770.645	165.680	1.002	14.766
12/8/2016 2:20:00 AM	15600.000	12.480	17.687
28.446	6036.913	7016.976	3.891
4771.544	165.648	1.002	14.768
12/8/2016 2:25:00 AM	15900.000	12.476	17.687
28.436	6039.508	7019.993	3.892
4773.595	165.576	1.002	14.770
12/8/2016 2:30:00 AM	16200.000	12.476	17.688
28.436	6039.639	7020.119	3.893
4773.681	165.573	1.002	14.772
12/8/2016 2:35:00 AM	16500.000	12.472	17.688
28.428	6040.168	7020.692	3.893
4774.071	165.558	1.002	14.771
12/8/2016 2:40:00 AM	16800.000	12.474	17.688
28.432	6041.846	7022.698	3.894
4775.435	165.512	1.002	14.771
12/8/2016 2:45:00 AM	17100.000	12.474	17.688
28.433	6043.505	7024.625	3.895
4776.746	165.467	1.002	14.770
12/8/2016 2:50:00 AM	17400.000	12.476	17.687
28.437	6044.396	7025.717	3.896
4777.488	165.443	1.002	14.769

12/8/2016 2:55:00 AM	17700.000	12.481	17.687
28.449	6043.896	7025.094	3.895
4777.064	165.456	1.002	14.767
12/8/2016 3:00:00 AM	18000.000	12.478	17.687
28.442	6044.723	7026.124	3.896
4777.764	165.434	1.002	14.765
12/8/2016 3:05:00 AM	18300.000	12.476	17.687
28.437	6048.319	7030.277	3.899
4780.589	165.335	1.002	14.765
12/8/2016 3:10:00 AM	18600.000	12.475	17.688
28.435	6049.323	7031.389	3.899
4781.344	165.308	1.002	14.765
12/8/2016 3:15:00 AM	18900.000	12.476	17.687
28.436	6048.247	7030.151	3.898
4780.503	165.337	1.002	14.765
12/8/2016 3:20:00 AM	19200.000	12.478	17.687
28.440	6047.438	7029.210	3.898
4779.863	165.359	1.002	14.764
12/8/2016 3:25:00 AM	19500.000	12.479	17.688
28.444	6051.324	7033.686	3.901
4782.907	165.253	1.002	14.762
12/8/2016 3:30:00 AM	19800.000	12.483	17.687
28.452	6049.431	7031.569	3.899
4781.467	165.305	1.002	14.761
12/8/2016 3:35:00 AM	20100.000	12.485	17.687
28.457	6052.387	7034.977	3.901
4783.785	165.224	1.002	14.760
12/8/2016 3:40:00 AM	20400.000	12.485	17.687
28.458	6051.927	7034.525	3.901
4783.478	165.237	1.002	14.758
12/8/2016 3:45:00 AM	20700.000	12.486	17.688
28.460	6052.456	7034.989	3.901
4783.792	165.222	1.002	14.757
12/8/2016 3:50:00 AM	21000.000	12.484	17.688
28.454	6054.569	7037.486	3.903
4785.491	165.165	1.002	14.760
12/8/2016 3:55:00 AM	21300.000	12.480	17.687
28.446	6055.855	7039.008	3.904
4786.526	165.129	1.002	14.764
12/8/2016 4:00:00 AM	21600.000	12.477	17.687
28.438	6053.393	7036.213	3.902
4784.625	165.197	1.002	14.767
12/8/2016 4:05:00 AM	21900.000	12.483	17.688
28.453	6053.793	7036.584	3.902
4784.878	165.186	1.002	14.765
12/8/2016 4:10:00 AM	22200.000	12.483	17.687
28.453	6054.524	7037.447	3.903
4785.465	165.166	1.002	14.762
12/8/2016 4:15:00 AM	22500.000	12.486	17.687
28.459	6054.840	7037.857	3.903
4785.743	165.157	1.002	14.760
12/8/2016 4:20:00 AM	22800.000	12.482	17.687
28.451	6056.458	7039.723	3.904
4787.012	165.113	1.002	14.760

12/8/2016 4:25:00 AM	23100.000	12.485	17.688
28.457	6056.634	7039.874	3.904
4787.115	165.108	1.002	14.760
12/8/2016 4:30:00 AM	23400.000	12.484	17.687
28.454	6055.801	7038.974	3.904
4786.502	165.131	1.002	14.760
12/8/2016 4:35:00 AM	23700.000	12.481	17.688
28.449	6054.905	7037.848	3.903
4785.736	165.155	1.002	14.761
12/8/2016 4:40:00 AM	24000.000	12.487	17.687
28.463	6055.665	7038.801	3.904
4786.385	165.135	1.002	14.762
12/8/2016 4:45:00 AM	24300.000	12.481	17.688
28.447	6055.316	7038.354	3.903
4786.081	165.144	1.002	14.763
12/8/2016 4:50:00 AM	24600.000	12.479	17.688
28.442	6055.074	7038.044	3.903
4785.871	165.151	1.002	14.763
12/8/2016 4:55:00 AM	24900.000	12.487	17.688
28.462	6055.734	7038.840	3.904
4786.412	165.133	1.002	14.763
12/8/2016 5:00:00 AM	25200.000	12.481	17.687
28.448	6055.513	7038.596	3.903
4786.246	165.139	1.002	14.762
12/8/2016 5:05:00 AM	25500.000	12.481	17.687
28.449	6054.312	7037.229	3.903
4785.315	165.172	1.002	14.761
12/8/2016 5:10:00 AM	25800.000	12.486	17.687
28.460	6057.408	7040.799	3.905
4787.744	165.087	1.002	14.759
12/8/2016 5:15:00 AM	26100.000	12.493	17.687
28.475	6054.475	7037.418	3.903
4785.445	165.167	1.002	14.757
12/8/2016 5:20:00 AM	26400.000	12.489	17.687
28.467	6054.397	7037.342	3.903
4785.393	165.169	1.002	14.761
12/8/2016 5:25:00 AM	26700.000	12.486	17.688
28.459	6054.180	7036.979	3.903
4785.146	165.175	1.002	14.765
12/8/2016 5:30:00 AM	27000.000	12.483	17.687
28.453	6054.098	7037.034	3.903
4785.184	165.177	1.002	14.769
12/8/2016 5:35:00 AM	27300.000	12.478	17.687
28.442	6057.977	7041.503	3.905
4788.222	165.072	1.002	14.769
12/8/2016 5:40:00 AM	27600.000	12.486	17.687
28.459	6056.042	7039.307	3.904
4786.729	165.124	1.002	14.770
12/8/2016 5:45:00 AM	27900.000	12.484	17.687
28.456	6056.512	7039.786	3.904
4787.055	165.112	1.002	14.770
12/8/2016 5:50:00 AM	28200.000	12.480	17.687
28.447	6055.351	7038.436	3.903
4786.137	165.143	1.002	14.770

12/8/2016 5:55:00 AM	28500.000	12.480	17.687
28.447	6055.927	7039.091	3.904
4786.583	165.127	1.002	14.770
12/8/2016 6:00:00 AM	28800.000	12.482	17.687
28.451	6055.074	7038.129	3.903
4785.928	165.151	1.002	14.770
12/8/2016 6:05:00 AM	29100.000	12.484	17.687
28.455	6055.590	7038.714	3.904
4786.326	165.137	1.002	14.769
12/8/2016 6:10:00 AM	29400.000	12.487	17.687
28.462	6055.813	7038.945	3.904
4786.483	165.131	1.002	14.768
12/8/2016 6:15:00 AM	29700.000	12.494	17.687
28.479	6054.109	7036.993	3.903
4785.155	165.177	1.002	14.766
12/8/2016 6:20:00 AM	30000.000	12.484	17.688
28.455	6057.166	7040.422	3.905
4787.487	165.094	1.002	14.771
12/8/2016 6:25:00 AM	30300.000	12.486	17.687
28.459	6050.896	7033.284	3.900
4782.633	165.265	1.002	14.775
12/8/2016 6:30:00 AM	30600.000	12.479	17.688
28.443	6046.508	7028.104	3.897
4779.110	165.385	1.002	14.779
12/8/2016 6:35:00 AM	30900.000	12.482	17.688
28.449	6030.913	7009.934	3.887
4766.755	165.812	1.002	14.776
12/8/2016 6:40:00 AM	31200.000	12.484	17.688
28.455	6014.696	6991.111	3.875
4753.956	166.259	1.002	14.773
12/8/2016 6:45:00 AM	31500.000	12.488	17.688
28.465	6000.006	6974.065	3.865
4742.365	166.666	1.002	14.770
12/8/2016 6:50:00 AM	31800.000	12.490	17.688
28.468	5991.245	6963.827	3.859
4735.402	166.910	1.002	14.773
12/8/2016 6:55:00 AM	32100.000	12.485	17.688
28.457	5977.438	6947.820	3.850
4724.518	167.296	1.002	14.775
12/8/2016 7:00:00 AM	32400.000	12.482	17.688
28.451	5967.666	6936.408	3.843
4716.758	167.570	1.002	14.778
12/8/2016 7:05:00 AM	32700.000	12.479	17.688
28.442	5958.736	6926.041	3.837
4709.708	167.821	1.002	14.779
12/8/2016 7:10:00 AM	33000.000	12.479	17.688
28.444	5950.520	6916.491	3.831
4703.214	168.053	1.002	14.781
12/8/2016 7:15:00 AM	33300.000	12.484	17.688
28.455	5941.792	6906.346	3.825
4696.316	168.299	1.002	14.782
12/8/2016 7:20:00 AM	33600.000	12.482	17.688
28.451	5934.592	6898.004	3.820
4690.643	168.504	1.002	14.779

12/8/2016 7:25:00 AM	33900.000	12.484	17.688
28.455	5926.985	6889.177	3.815
4684.641	168.720	1.002	14.776
12/8/2016 7:30:00 AM	34200.000	12.493	17.688
28.476	5920.774	6881.958	3.811
4679.732	168.897	1.002	14.773
12/8/2016 7:35:00 AM	34500.000	12.487	17.687
28.461	5912.620	6872.505	3.805
4673.304	169.130	1.002	14.775
12/8/2016 7:40:00 AM	34800.000	12.487	17.688
28.461	5906.039	6864.790	3.801
4668.058	169.318	1.002	14.777
12/8/2016 7:45:00 AM	35100.000	12.486	17.688
28.458	5900.074	6857.856	3.796
4663.342	169.489	1.002	14.779
12/8/2016 7:50:00 AM	35400.000	12.492	17.688
28.472	5892.943	6849.593	3.792
4657.724	169.695	1.002	14.780
12/8/2016 7:55:00 AM	35700.000	12.490	17.688
28.470	5887.435	6843.153	3.788
4653.344	169.853	1.002	14.782
12/8/2016 8:00:00 AM	36000.000	12.481	17.688
28.448	5882.514	6837.499	3.784
4649.500	169.995	1.002	14.783
12/8/2016 8:05:00 AM	36300.000	12.488	17.688
28.465	5875.638	6829.440	3.780
4644.019	170.194	1.002	14.783
12/8/2016 8:10:00 AM	36600.000	12.490	17.688
28.469	5870.294	6823.268	3.776
4639.822	170.349	1.002	14.783
12/8/2016 8:15:00 AM	36900.000	12.490	17.688
28.470	5866.468	6818.848	3.773
4636.817	170.460	1.002	14.782
12/8/2016 8:20:00 AM	37200.000	12.487	17.687
28.463	5860.960	6812.473	3.770
4632.481	170.620	1.002	14.784
12/8/2016 8:25:00 AM	37500.000	12.487	17.688
28.461	5854.158	6804.512	3.765
4627.068	170.819	1.002	14.785
12/8/2016 8:30:00 AM	37800.000	12.486	17.688
28.459	5848.873	6798.331	3.761
4622.865	170.973	1.002	14.787
12/8/2016 8:35:00 AM	38100.000	12.488	17.688
28.465	5843.040	6791.550	3.757
4618.255	171.144	1.002	14.789
12/8/2016 8:40:00 AM	38400.000	12.483	17.688
28.452	5840.015	6788.101	3.755
4615.909	171.232	1.002	14.791
12/8/2016 8:45:00 AM	38700.000	12.487	17.688
28.462	5834.343	6781.495	3.751
4611.417	171.399	1.002	14.793
12/8/2016 8:50:00 AM	39000.000	12.481	17.688
28.448	5827.789	6773.889	3.747
4606.245	171.592	1.002	14.794

12/8/2016 8:55:00 AM	39300.000	12.489	17.688
28.466	5822.874	6768.044	3.743
4602.270	171.737	1.002	14.794
12/8/2016 9:00:00 AM	39600.000	12.486	17.688
28.460	5820.039	6764.869	3.741
4600.111	171.820	1.002	14.795
12/8/2016 9:05:00 AM	39900.000	12.484	17.688
28.455	5814.415	6758.316	3.738
4595.655	171.986	1.002	14.796
12/8/2016 9:10:00 AM	40200.000	12.483	17.688
28.453	5811.421	6754.837	3.736
4593.290	172.075	1.002	14.797
12/8/2016 9:15:00 AM	40500.000	12.482	17.688
28.449	5806.620	6749.231	3.732
4589.477	172.217	1.002	14.797
12/8/2016 9:20:00 AM	40800.000	12.483	17.688
28.452	5802.129	6744.025	3.729
4585.938	172.351	1.002	14.798
12/8/2016 9:25:00 AM	41100.000	12.492	17.688
28.473	5796.800	6737.832	3.726
4581.726	172.509	1.002	14.798
12/8/2016 9:30:00 AM	41400.000	12.487	17.688
28.461	5794.000	6734.603	3.724
4579.531	172.592	1.002	14.798
12/8/2016 9:35:00 AM	41700.000	12.483	17.688
28.452	5790.727	6730.798	3.721
4576.943	172.690	1.002	14.802
12/8/2016 9:40:00 AM	42000.000	12.485	17.688
28.456	5788.002	6727.579	3.719
4574.754	172.771	1.002	14.805
12/8/2016 9:45:00 AM	42300.000	12.482	17.688
28.450	5782.489	6721.197	3.716
4570.414	172.936	1.001	14.809
12/8/2016 9:50:00 AM	42600.000	12.474	17.688
28.433	5779.881	6718.192	3.714
4568.371	173.014	1.001	14.811
12/8/2016 9:55:00 AM	42900.000	12.473	17.688
28.430	5776.610	6714.324	3.712
4565.741	173.112	1.001	14.813
12/8/2016 10:00:00 AM	43200.000	12.478	17.688
28.441	5775.531	6713.135	3.711
4564.932	173.144	1.001	14.814
12/8/2016 10:05:00 AM	43500.000	12.479	17.688
28.443	5769.935	6706.578	3.707
4560.474	173.312	1.001	14.813
12/8/2016 10:10:00 AM	43800.000	12.482	17.688
28.450	5767.320	6703.577	3.705
4558.433	173.391	1.001	14.811
12/8/2016 10:15:00 AM	44100.000	12.480	17.688
28.446	5765.421	6701.384	3.704
4556.941	173.448	1.001	14.809
12/8/2016 10:20:00 AM	44400.000	12.489	17.688
28.467	5762.671	6698.162	3.702
4554.751	173.531	1.001	14.807

12/8/2016 10:25:00 AM	44700.000	12.487	17.688
28.462	5758.229	6692.985	3.699
4551.230	173.665	1.001	14.805
12/8/2016 10:30:00 AM	45000.000	12.488	17.688
28.465	5756.067	6690.512	3.698
4549.549	173.730	1.001	14.803
12/8/2016 10:35:00 AM	45300.000	12.486	17.688
28.459	5754.396	6688.583	3.696
4548.236	173.780	1.001	14.805
12/8/2016 10:40:00 AM	45600.000	12.486	17.688
28.459	5750.794	6684.357	3.694
4545.363	173.889	1.001	14.806
12/8/2016 10:45:00 AM	45900.000	12.482	17.688
28.449	5749.606	6683.002	3.693
4544.442	173.925	1.001	14.808
12/8/2016 10:50:00 AM	46200.000	12.482	17.688
28.451	5745.484	6678.224	3.690
4541.192	174.050	1.001	14.809
12/8/2016 10:55:00 AM	46500.000	12.474	17.688
28.433	5744.829	6677.396	3.690
4540.630	174.070	1.001	14.810
12/8/2016 11:00:00 AM	46800.000	12.472	17.688
28.427	5740.718	6672.671	3.687
4537.417	174.194	1.001	14.812
12/8/2016 11:05:00 AM	47100.000	12.474	17.688
28.432	5740.819	6672.762	3.687
4537.479	174.191	1.001	14.809
12/8/2016 11:10:00 AM	47400.000	12.481	17.687
28.447	5737.384	6668.898	3.685
4534.851	174.295	1.001	14.806
12/8/2016 11:15:00 AM	47700.000	12.478	17.688
28.441	5733.997	6664.819	3.682
4532.077	174.398	1.001	14.803
12/8/2016 11:20:00 AM	48000.000	12.485	17.688
28.456	5732.543	6663.129	3.681
4530.928	174.443	1.001	14.800
12/8/2016 11:25:00 AM	48300.000	12.486	17.688
28.459	5730.316	6660.541	3.680
4529.168	174.510	1.001	14.798
12/8/2016 11:30:00 AM	48600.000	12.481	17.688
28.448	5728.832	6658.841	3.679
4528.012	174.556	1.001	14.796
12/8/2016 11:35:00 AM	48900.000	12.479	17.687
28.444	5727.545	6657.385	3.678
4527.022	174.595	1.001	14.797
12/8/2016 11:40:00 AM	49200.000	12.478	17.688
28.442	5724.791	6654.094	3.676
4524.784	174.679	1.001	14.798
12/8/2016 11:45:00 AM	49500.000	12.477	17.687
28.438	5721.677	6650.604	3.674
4522.411	174.774	1.001	14.799
12/8/2016 11:50:00 AM	49800.000	12.479	17.688
28.443	5720.262	6648.879	3.673
4521.238	174.817	1.001	14.797

12/8/2016 11:55:00 AM	50100.000	12.483	17.688
28.453	5720.674	6649.348	3.673
4521.557	174.805	1.001	14.795
12/8/2016 12:00:00 PM	50400.000	12.482	17.687
28.451	5719.848	6648.478	3.673
4520.966	174.830	1.001	14.792
12/8/2016 12:05:00 PM	50700.000	12.488	17.688
28.463	5717.872	6646.102	3.671
4519.349	174.890	1.001	14.791
12/8/2016 12:10:00 PM	51000.000	12.486	17.688
28.460	5715.313	6643.142	3.670
4517.337	174.969	1.001	14.791
12/8/2016 12:15:00 PM	51300.000	12.483	17.688
28.453	5716.153	6644.066	3.670
4517.965	174.943	1.001	14.790
12/8/2016 12:20:00 PM	51600.000	12.483	17.688
28.454	5712.563	6639.931	3.668
4515.153	175.053	1.001	14.790
12/8/2016 12:25:00 PM	51900.000	12.482	17.688
28.450	5712.467	6639.819	3.668
4515.078	175.056	1.001	14.791
12/8/2016 12:30:00 PM	52200.000	12.481	17.687
28.448	5711.012	6638.167	3.667
4513.954	175.100	1.001	14.791
12/8/2016 12:35:00 PM	52500.000	12.479	17.688
28.444	5709.226	6636.041	3.665
4512.508	175.155	1.001	14.793
12/8/2016 12:40:00 PM	52800.000	12.481	17.687
28.449	5710.092	6637.098	3.666
4513.227	175.129	1.001	14.796
12/8/2016 12:45:00 PM	53100.000	12.476	17.687
28.437	5708.451	6635.191	3.665
4511.930	175.179	1.001	14.798
12/8/2016 12:50:00 PM	53400.000	12.481	17.688
28.448	5706.835	6633.287	3.664
4510.635	175.228	1.001	14.796
12/8/2016 12:55:00 PM	53700.000	12.484	17.688
28.454	5705.840	6632.131	3.663
4509.850	175.259	1.001	14.794
12/8/2016 1:00:00 PM	54000.000	12.485	17.688
28.456	5705.988	6632.288	3.663
4509.957	175.254	1.001	14.792
12/8/2016 1:05:00 PM	54300.000	12.482	17.688
28.450	5706.712	6633.145	3.664
4510.539	175.232	1.001	14.793
12/8/2016 1:10:00 PM	54600.000	12.481	17.688
28.447	5704.757	6630.808	3.662
4508.949	175.292	1.001	14.795
12/8/2016 1:15:00 PM	54900.000	12.473	17.688
28.429	5704.525	6630.551	3.662
4508.775	175.299	1.001	14.796
12/8/2016 1:20:00 PM	55200.000	12.473	17.688
28.431	5704.098	6630.119	3.662
4508.481	175.313	1.001	14.796

12/8/2016 1:25:00 PM	55500.000	12.480	17.688
28.445	5703.175	6628.930	3.661
4507.673	175.341	1.001	14.796
12/8/2016 1:30:00 PM	55800.000	12.479	17.688
28.444	5703.942	6629.873	3.662
4508.313	175.317	1.001	14.796
12/8/2016 1:35:00 PM	56100.000	12.478	17.687
28.442	5701.627	6627.259	3.660
4506.537	175.389	1.001	14.796
12/8/2016 1:40:00 PM	56400.000	12.472	17.687
28.427	5701.838	6627.518	3.660
4506.712	175.382	1.001	14.796
12/8/2016 1:45:00 PM	56700.000	12.478	17.688
28.442	5701.844	6627.472	3.660
4506.681	175.382	1.001	14.796
12/8/2016 1:50:00 PM	57000.000	12.474	17.687
28.432	5702.376	6628.181	3.661
4507.164	175.365	1.001	14.796
12/8/2016 1:55:00 PM	57300.000	12.478	17.687
28.441	5701.181	6626.767	3.660
4506.202	175.402	1.001	14.796
12/8/2016 2:00:00 PM	57600.000	12.474	17.688
28.433	5702.236	6627.916	3.661
4506.983	175.370	1.001	14.796
12/8/2016 2:05:00 PM	57900.000	12.480	17.688
28.447	5702.049	6627.709	3.661
4506.843	175.376	1.001	14.796
12/8/2016 2:10:00 PM	58200.000	12.479	17.687
28.443	5700.503	6625.966	3.659
4505.657	175.423	1.001	14.797
12/8/2016 2:15:00 PM	58500.000	12.479	17.688
28.444	5702.182	6627.891	3.661
4506.966	175.371	1.001	14.797
12/8/2016 2:20:00 PM	58800.000	12.473	17.688
28.430	5701.267	6626.828	3.660
4506.243	175.400	1.001	14.798
12/8/2016 2:25:00 PM	59100.000	12.478	17.687
28.442	5702.642	6628.438	3.661
4507.338	175.357	1.001	14.798
12/8/2016 2:30:00 PM	59400.000	12.475	17.687
28.435	5703.102	6628.973	3.661
4507.702	175.343	1.001	14.799
12/8/2016 2:35:00 PM	59700.000	12.477	17.687
28.440	5701.736	6627.413	3.660
4506.641	175.385	1.001	14.800
12/8/2016 2:40:00 PM	60000.000	12.476	17.688
28.438	5701.792	6627.438	3.660
4506.658	175.383	1.001	14.802
12/8/2016 2:45:00 PM	60300.000	12.474	17.688
28.433	5701.014	6626.482	3.660
4506.008	175.407	1.001	14.804
12/8/2016 2:50:00 PM	60600.000	12.478	17.688
28.442	5702.200	6627.900	3.661
4506.972	175.371	1.001	14.801

12/8/2016 2:55:00 PM	60900.000	12.475	17.687
28.435	5702.350	6628.112	3.661
4507.116	175.366	1.001	14.798
12/8/2016 3:00:00 PM	61200.000	12.476	17.688
28.437	5702.662	6628.437	3.661
4507.337	175.357	1.001	14.795
12/8/2016 3:05:00 PM	61500.000	12.479	17.688
28.443	5700.194	6625.581	3.659
4505.396	175.433	1.001	14.798
12/8/2016 3:10:00 PM	61800.000	12.474	17.687
28.431	5702.979	6628.843	3.661
4507.614	175.347	1.001	14.802
12/8/2016 3:15:00 PM	62100.000	12.471	17.687
28.426	5701.183	6626.756	3.660
4506.194	175.402	1.001	14.805
12/8/2016 3:20:00 PM	62400.000	12.475	17.688
28.433	5701.342	6626.888	3.660
4506.284	175.397	1.001	14.803
12/8/2016 3:25:00 PM	62700.000	12.475	17.687
28.435	5701.584	6627.235	3.660
4506.521	175.390	1.001	14.800
12/8/2016 3:30:00 PM	63000.000	12.476	17.688
28.437	5703.270	6629.143	3.661
4507.818	175.338	1.001	14.798
12/8/2016 3:35:00 PM	63300.000	12.479	17.687
28.443	5703.313	6629.245	3.661
4507.886	175.337	1.001	14.798
12/8/2016 3:40:00 PM	63600.000	12.478	17.688
28.440	5703.612	6629.526	3.662
4508.079	175.327	1.001	14.798
12/8/2016 3:45:00 PM	63900.000	12.472	17.688
28.428	5703.396	6629.265	3.661
4507.901	175.334	1.001	14.798
12/8/2016 3:50:00 PM	64200.000	12.471	17.688
28.425	5701.244	6626.725	3.660
4506.173	175.400	1.001	14.801
12/8/2016 3:55:00 PM	64500.000	12.474	17.688
28.431	5701.701	6627.305	3.660
4506.567	175.386	1.001	14.803
12/8/2016 4:00:00 PM	64800.000	12.471	17.688
28.425	5703.819	6629.767	3.662
4508.242	175.321	1.001	14.806
12/8/2016 4:05:00 PM	65100.000	12.470	17.688
28.424	5702.964	6628.788	3.661
4507.576	175.347	1.001	14.806
12/8/2016 4:10:00 PM	65400.000	12.468	17.687
28.419	5705.184	6631.419	3.663
4509.366	175.279	1.001	14.805
12/8/2016 4:15:00 PM	65700.000	12.470	17.687
28.423	5703.502	6629.438	3.662
4508.019	175.331	1.001	14.804
12/8/2016 4:20:00 PM	66000.000	12.474	17.688
28.432	5705.776	6632.042	3.663
4509.789	175.261	1.001	14.805

12/8/2016 4:25:00 PM	66300.000	12.473	17.688
28.429	5703.044	6628.881	3.661
4507.640	175.345	1.001	14.805
12/8/2016 4:30:00 PM	66600.000	12.466	17.688
28.414	5703.698	6629.577	3.662
4508.112	175.325	1.001	14.805
12/8/2016 4:35:00 PM	66900.000	12.470	17.687
28.423	5704.504	6630.629	3.662
4508.828	175.300	1.001	14.802
12/8/2016 4:40:00 PM	67200.000	12.480	17.688
28.445	5703.749	6629.713	3.662
4508.205	175.323	1.001	14.798
12/8/2016 4:45:00 PM	67500.000	12.482	17.687
28.450	5704.583	6630.695	3.662
4508.874	175.298	1.001	14.795
12/8/2016 4:50:00 PM	67800.000	12.476	17.687
28.438	5704.844	6630.998	3.662
4509.079	175.290	1.001	14.800
12/8/2016 4:55:00 PM	68100.000	12.467	17.688
28.416	5706.901	6633.365	3.664
4510.688	175.226	1.001	14.806
12/8/2016 5:00:00 PM	68400.000	12.461	17.687
28.403	5704.753	6630.933	3.662
4509.034	175.292	1.001	14.811
12/8/2016 5:05:00 PM	68700.000	12.461	17.687
28.402	5705.135	6631.363	3.663
4509.328	175.281	1.001	14.809
12/8/2016 5:10:00 PM	69000.000	12.464	17.687
28.410	5706.054	6632.404	3.663
4510.035	175.252	1.001	14.807
12/8/2016 5:15:00 PM	69300.000	12.470	17.688
28.423	5708.182	6634.853	3.665
4511.701	175.187	1.001	14.805
12/8/2016 5:20:00 PM	69600.000	12.465	17.687
28.411	5705.469	6631.751	3.663
4509.591	175.270	1.001	14.802
12/8/2016 5:25:00 PM	69900.000	12.468	17.688
28.419	5705.930	6632.235	3.663
4509.920	175.256	1.001	14.800
12/8/2016 5:30:00 PM	70200.000	12.469	17.688
28.421	5708.442	6635.167	3.665
4511.914	175.179	1.001	14.797
12/8/2016 5:35:00 PM	70500.000	12.468	17.688
28.419	5705.502	6631.724	3.663
4509.572	175.269	1.001	14.801
12/8/2016 5:40:00 PM	70800.000	12.461	17.688
28.402	5705.723	6631.969	3.663
4509.739	175.263	1.001	14.805
12/8/2016 5:45:00 PM	71100.000	12.455	17.688
28.389	5704.437	6630.513	3.662
4508.749	175.302	1.001	14.808
12/8/2016 5:50:00 PM	71400.000	12.457	17.688
28.392	5703.695	6629.623	3.662
4508.144	175.325	1.001	14.808

12/8/2016 5:55:00 PM	71700.000	12.454	17.688
28.386	5703.746	6629.709	3.662
4508.203	175.323	1.001	14.808
12/8/2016 6:00:00 PM	72000.000	12.456	17.688
28.391	5704.405	6630.448	3.662
4508.705	175.303	1.001	14.808
12/8/2016 6:05:00 PM	72300.000	12.454	17.687
28.385	5702.651	6628.489	3.661
4507.373	175.357	1.001	14.808
12/8/2016 6:10:00 PM	72600.000	12.460	17.688
28.400	5702.733	6628.494	3.661
4507.375	175.355	1.001	14.807
12/8/2016 6:15:00 PM	72900.000	12.455	17.688
28.390	5700.715	6626.134	3.660
4505.771	175.417	1.001	14.807
12/8/2016 6:20:00 PM	73200.000	12.454	17.688
28.386	5702.555	6628.297	3.661
4507.242	175.360	1.001	14.810
12/8/2016 6:25:00 PM	73500.000	12.456	17.688
28.390	5702.715	6628.499	3.661
4507.379	175.355	1.001	14.812
12/8/2016 6:30:00 PM	73800.000	12.449	17.688
28.374	5701.363	6626.927	3.660
4506.311	175.397	1.001	14.815
12/8/2016 6:35:00 PM	74100.000	12.456	17.688
28.391	5704.153	6630.144	3.662
4508.498	175.311	1.001	14.814
12/8/2016 6:40:00 PM	74400.000	12.452	17.688
28.382	5704.014	6630.008	3.662
4508.406	175.315	1.001	14.812
12/8/2016 6:45:00 PM	74700.000	12.459	17.688
28.399	5702.354	6628.064	3.661
4507.084	175.366	1.001	14.811
12/8/2016 6:50:00 PM	75000.000	12.458	17.687
28.396	5705.734	6632.073	3.663
4509.811	175.262	1.001	14.811
12/8/2016 6:55:00 PM	75300.000	12.455	17.688
28.389	5705.737	6631.959	3.663
4509.733	175.262	1.001	14.811
12/8/2016 7:00:00 PM	75600.000	12.459	17.688
28.397	5706.057	6632.369	3.663
4510.011	175.252	1.001	14.812
12/8/2016 7:05:00 PM	75900.000	12.454	17.687
28.386	5705.856	6632.188	3.663
4509.888	175.259	1.001	14.811
12/8/2016 7:10:00 PM	76200.000	12.457	17.688
28.394	5706.150	6632.492	3.663
4510.095	175.249	1.001	14.810
12/8/2016 7:15:00 PM	76500.000	12.457	17.687
28.394	5705.840	6632.156	3.663
4509.866	175.259	1.001	14.810
12/8/2016 7:20:00 PM	76800.000	12.452	17.687
28.383	5706.438	6632.851	3.664
4510.339	175.241	1.001	14.812

12/8/2016 7:25:00 PM	77100.000	12.457	17.688
28.392	5707.859	6634.463	3.664
4511.435	175.197	1.001	14.814
12/8/2016 7:30:00 PM	77400.000	12.456	17.688
28.392	5708.986	6635.788	3.665
4512.336	175.162	1.001	14.815
12/8/2016 7:35:00 PM	77700.000	12.450	17.688
28.378	5708.533	6635.246	3.665
4511.968	175.176	1.001	14.816
12/8/2016 7:40:00 PM	78000.000	12.454	17.688
28.386	5709.181	6636.014	3.665
4512.489	175.156	1.001	14.817
12/8/2016 7:45:00 PM	78300.000	12.451	17.687
28.379	5711.359	6638.648	3.667
4514.281	175.090	1.001	14.818
12/8/2016 7:50:00 PM	78600.000	12.454	17.687
28.386	5712.331	6639.740	3.668
4515.024	175.060	1.001	14.818
12/8/2016 7:55:00 PM	78900.000	12.450	17.688
28.377	5711.638	6638.855	3.667
4514.421	175.081	1.001	14.818
12/8/2016 8:00:00 PM	79200.000	12.450	17.688
28.378	5712.877	6640.296	3.668
4515.401	175.043	1.001	14.818
12/8/2016 8:05:00 PM	79500.000	12.452	17.687
28.382	5712.981	6640.522	3.668
4515.555	175.040	1.001	14.821
12/8/2016 8:10:00 PM	79800.000	12.446	17.688
28.369	5713.653	6641.212	3.668
4516.024	175.019	1.001	14.824
12/8/2016 8:15:00 PM	80100.000	12.445	17.688
28.366	5714.567	6642.210	3.669
4516.703	174.991	1.001	14.827
12/8/2016 8:20:00 PM	80400.000	12.447	17.687
28.371	5716.152	6644.168	3.670
4518.035	174.943	1.001	14.827
12/8/2016 8:25:00 PM	80700.000	12.447	17.687
28.371	5718.084	6646.453	3.672
4519.588	174.884	1.001	14.826
12/8/2016 8:30:00 PM	81000.000	12.453	17.687
28.383	5717.638	6645.882	3.671
4519.200	174.897	1.001	14.826
12/8/2016 8:35:00 PM	81300.000	12.454	17.687
28.386	5717.970	6646.268	3.671
4519.462	174.887	1.001	14.826
12/8/2016 8:40:00 PM	81600.000	12.451	17.687
28.379	5720.925	6649.755	3.674
4521.834	174.797	1.001	14.826
12/8/2016 8:45:00 PM	81900.000	12.451	17.687
28.379	5719.556	6648.098	3.673
4520.707	174.839	1.001	14.826
12/8/2016 8:50:00 PM	82200.000	12.450	17.688
28.378	5721.724	6650.594	3.674
4522.404	174.772	1.001	14.827

12/8/2016 8:55:00 PM	82500.000	12.455	17.688
28.389	5720.633	6649.311	3.673
4521.532	174.806	1.001	14.828
12/8/2016 9:00:00 PM	82800.000	12.450	17.688
28.377	5720.797	6649.529	3.673
4521.680	174.801	1.001	14.829
12/8/2016 9:05:00 PM	83100.000	12.447	17.687
28.371	5722.932	6652.074	3.675
4523.411	174.736	1.001	14.829
12/8/2016 9:10:00 PM	83400.000	12.446	17.687
28.368	5723.373	6652.548	3.675
4523.733	174.722	1.001	14.829
12/8/2016 9:15:00 PM	83700.000	12.446	17.687
28.369	5723.208	6652.356	3.675
4523.603	174.727	1.001	14.828
12/8/2016 9:20:00 PM	84000.000	12.448	17.687
28.372	5723.031	6652.165	3.675
4523.472	174.733	1.001	14.827
12/8/2016 9:25:00 PM	84300.000	12.449	17.687
28.376	5723.550	6652.754	3.675
4523.874	174.717	1.001	14.826
12/8/2016 9:30:00 PM	84600.000	12.457	17.687
28.393	5724.144	6653.482	3.676
4524.368	174.699	1.001	14.825
12/8/2016 9:35:00 PM	84900.000	12.448	17.688
28.373	5725.860	6655.387	3.677
4525.664	174.646	1.001	14.829
12/8/2016 9:40:00 PM	85200.000	12.450	17.688
28.377	5737.978	6669.446	3.685
4535.224	174.277	1.001	14.834
12/8/2016 9:45:00 PM	85500.000	12.442	17.687
28.359	5757.201	6691.854	3.698
4550.461	173.696	1.001	14.838
12/8/2016 9:50:00 PM	85800.000	12.445	17.688
28.366	5776.266	6714.002	3.711
4565.521	173.122	1.001	14.835
12/8/2016 9:55:00 PM	86100.000	12.449	17.687
28.375	5792.124	6732.500	3.722
4578.100	172.648	1.002	14.832
12/8/2016 10:00:00 PM	86400.000	12.457	17.688
28.394	5806.896	6749.592	3.732
4589.723	172.209	1.002	14.830
12/8/2016 10:05:00 PM	86700.000	12.450	17.687
28.377	5818.327	6762.983	3.740
4598.829	171.871	1.002	14.832
12/8/2016 10:10:00 PM	87000.000	12.448	17.687
28.374	5828.606	6774.905	3.747
4606.936	171.568	1.002	14.835
12/8/2016 10:15:00 PM	87300.000	12.451	17.687
28.381	5839.867	6788.073	3.755
4615.890	171.237	1.002	14.838
12/8/2016 10:20:00 PM	87600.000	12.450	17.687
28.378	5849.904	6799.701	3.762
4623.796	170.943	1.002	14.839

12/8/2016 10:25:00 PM	87900.000	12.444	17.687
28.365	5859.102	6810.432	3.768
4631.094	170.675	1.002	14.839
12/8/2016 10:30:00 PM	88200.000	12.445	17.687
28.365	5866.921	6819.429	3.774
4637.212	170.447	1.002	14.840
12/8/2016 10:35:00 PM	88500.000	12.446	17.687
28.367	5876.117	6830.090	3.780
4644.461	170.180	1.002	14.839
12/8/2016 10:40:00 PM	88800.000	12.446	17.687
28.368	5884.303	6839.699	3.786
4650.995	169.944	1.002	14.837
12/8/2016 10:45:00 PM	89100.000	12.453	17.687
28.385	5891.307	6847.759	3.790
4656.477	169.742	1.002	14.835
12/8/2016 10:50:00 PM	89400.000	12.450	17.687
28.376	5897.797	6855.317	3.795
4661.616	169.555	1.002	14.835
12/8/2016 10:55:00 PM	89700.000	12.454	17.687
28.387	5904.426	6863.049	3.800
4666.874	169.364	1.002	14.836
12/8/2016 11:00:00 PM	90000.000	12.455	17.687
28.389	5910.035	6869.609	3.803
4671.334	169.204	1.002	14.836
12/8/2016 11:05:00 PM	90300.000	12.454	17.687
28.388	5915.091	6875.431	3.807
4675.293	169.059	1.002	14.838
12/8/2016 11:10:00 PM	90600.000	12.449	17.687
28.375	5922.441	6883.963	3.812
4681.095	168.849	1.002	14.839
12/8/2016 11:15:00 PM	90900.000	12.451	17.688
28.380	5926.342	6888.442	3.815
4684.141	168.738	1.002	14.841
12/8/2016 11:20:00 PM	91200.000	12.449	17.687
28.374	5930.844	6893.808	3.818
4687.790	168.610	1.002	14.840
12/8/2016 11:25:00 PM	91500.000	12.450	17.687
28.378	5935.115	6898.761	3.821
4691.158	168.489	1.002	14.838
12/8/2016 11:30:00 PM	91800.000	12.457	17.687
28.392	5939.592	6903.884	3.824
4694.641	168.362	1.002	14.837
12/8/2016 11:35:00 PM	92100.000	12.453	17.687
28.384	5943.076	6907.919	3.826
4697.385	168.263	1.002	14.837
12/8/2016 11:40:00 PM	92400.000	12.452	17.687
28.382	5949.497	6915.449	3.831
4702.505	168.081	1.002	14.837
12/8/2016 11:45:00 PM	92700.000	12.454	17.687
28.386	5952.849	6919.333	3.833
4705.147	167.987	1.002	14.836
12/8/2016 11:50:00 PM	93000.000	12.460	17.687
28.399	5955.298	6922.193	3.835
4707.091	167.918	1.002	14.836

12/8/2016 11:55:00 PM	93300.000	12.460	17.687
28.401	5959.129	6926.607	3.837
4710.093	167.810	1.002	14.835
12/9/2016 12:00:00 AM	93600.000	12.457	17.687
28.394	5963.248	6931.461	3.840
4713.394	167.694	1.002	14.835
12/9/2016 12:05:00 AM	93900.000	12.460	17.687
28.400	5966.273	6934.964	3.842
4715.775	167.609	1.002	14.836
12/9/2016 12:10:00 AM	94200.000	12.458	17.687
28.395	5968.709	6937.701	3.844
4717.637	167.540	1.002	14.838
12/9/2016 12:15:00 AM	94500.000	12.452	17.687
28.382	5974.479	6944.449	3.848
4722.225	167.379	1.002	14.840
12/9/2016 12:20:00 AM	94800.000	12.459	17.688
28.399	5974.969	6944.963	3.848
4722.575	167.365	1.002	14.837
12/9/2016 12:25:00 AM	95100.000	12.458	17.687
28.395	5978.683	6949.375	3.851
4725.575	167.261	1.002	14.834
12/9/2016 12:30:00 AM	95400.000	12.466	17.687
28.414	5981.410	6952.517	3.852
4727.712	167.185	1.002	14.831
12/9/2016 12:35:00 AM	95700.000	12.464	17.687
28.410	5985.784	6957.562	3.855
4731.143	167.062	1.002	14.833
12/9/2016 12:40:00 AM	96000.000	12.464	17.687
28.409	5985.890	6957.698	3.856
4731.234	167.060	1.002	14.834
12/9/2016 12:45:00 AM	96300.000	12.462	17.687
28.404	5989.447	6961.886	3.858
4734.083	166.960	1.002	14.836
12/9/2016 12:50:00 AM	96600.000	12.457	17.687
28.394	5991.703	6964.441	3.860
4735.820	166.897	1.002	14.836
12/9/2016 12:55:00 AM	96900.000	12.456	17.687
28.392	5992.905	6965.893	3.860
4736.807	166.864	1.002	14.837
12/9/2016 1:00:00 AM	97200.000	12.456	17.687
28.391	5997.461	6971.163	3.864
4740.391	166.737	1.002	14.838
12/9/2016 1:05:00 AM	97500.000	12.455	17.687
28.388	5998.143	6971.981	3.864
4740.948	166.718	1.002	14.838
12/9/2016 1:10:00 AM	97800.000	12.457	17.687
28.393	5999.557	6973.638	3.865
4742.074	166.679	1.002	14.839
12/9/2016 1:15:00 AM	98100.000	12.460	17.687
28.401	6001.867	6976.310	3.867
4743.891	166.615	1.002	14.839
12/9/2016 1:20:00 AM	98400.000	12.456	17.688
28.391	6005.565	6980.513	3.869
4746.750	166.512	1.002	14.839

12/9/2016 1:25:00 AM	98700.000	12.457	17.687
28.394	6005.092	6980.044	3.869
4746.430	166.525	1.002	14.839
12/9/2016 1:30:00 AM	99000.000	12.458	17.687
28.395	6006.211	6981.359	3.870
4747.325	166.494	1.002	14.839
12/9/2016 1:35:00 AM	99300.000	12.457	17.687
28.392	6008.872	6984.425	3.871
4749.409	166.421	1.002	14.840
12/9/2016 1:40:00 AM	99600.000	12.456	17.687
28.391	6010.162	6985.937	3.872
4750.438	166.385	1.002	14.841
12/9/2016 1:45:00 AM	99900.000	12.459	17.687
28.397	6011.389	6987.352	3.873
4751.399	166.351	1.002	14.842
12/9/2016 1:50:00 AM	100200.000	12.455	17.687
28.388	6012.685	6988.869	3.874
4752.431	166.315	1.002	14.842
12/9/2016 1:55:00 AM	100500.000	12.459	17.687
28.397	6012.792	6988.994	3.874
4752.516	166.312	1.002	14.843
12/9/2016 2:00:00 AM	100800.000	12.454	17.687
28.387	6015.092	6991.656	3.876
4754.326	166.248	1.002	14.843
12/9/2016 2:05:00 AM	101100.000	12.460	17.687
28.400	6017.039	6993.904	3.877
4755.855	166.195	1.002	14.842
12/9/2016 2:10:00 AM	101400.000	12.461	17.687
28.402	6017.592	6994.534	3.877
4756.283	166.179	1.002	14.841
12/9/2016 2:15:00 AM	101700.000	12.463	17.687
28.408	6017.842	6994.810	3.878
4756.471	166.173	1.002	14.839
12/9/2016 2:20:00 AM	102000.000	12.465	17.687
28.413	6019.676	6996.984	3.879
4757.949	166.122	1.002	14.839
12/9/2016 2:25:00 AM	102300.000	12.465	17.687
28.412	6019.832	6997.151	3.879
4758.063	166.118	1.002	14.838
12/9/2016 2:30:00 AM	102600.000	12.465	17.687
28.412	6021.773	6999.448	3.880
4759.625	166.064	1.002	14.837
12/9/2016 2:35:00 AM	102900.000	12.466	17.687
28.414	6022.420	7000.131	3.881
4760.089	166.046	1.002	14.837
12/9/2016 2:40:00 AM	103200.000	12.465	17.687
28.412	6023.595	7001.565	3.882
4761.064	166.014	1.002	14.837
12/9/2016 2:45:00 AM	103500.000	12.461	17.687
28.402	6023.951	7001.992	3.882
4761.355	166.004	1.002	14.837
12/9/2016 2:50:00 AM	103800.000	12.461	17.687
28.403	6025.403	7003.613	3.883
4762.457	165.964	1.002	14.836

12/9/2016 2:55:00 AM	104100.000	12.462	17.687
28.406	6026.197	7004.521	3.883
4763.074	165.942	1.002	14.834
12/9/2016 3:00:00 AM	104400.000	12.468	17.688
28.418	6026.459	7004.784	3.883
4763.254	165.935	1.002	14.833
12/9/2016 3:05:00 AM	104700.000	12.466	17.687
28.414	6026.550	7004.986	3.884
4763.391	165.932	1.002	14.832
12/9/2016 3:10:00 AM	105000.000	12.473	17.687
28.429	6027.713	7006.298	3.884
4764.283	165.900	1.002	14.830
12/9/2016 3:15:00 AM	105300.000	12.470	17.687
28.422	6028.136	7006.830	3.885
4764.644	165.889	1.002	14.828
12/9/2016 3:20:00 AM	105600.000	12.470	17.687
28.422	6030.345	7009.397	3.886
4766.390	165.828	1.002	14.830
12/9/2016 3:25:00 AM	105900.000	12.467	17.688
28.416	6029.656	7008.515	3.886
4765.791	165.847	1.002	14.832
12/9/2016 3:30:00 AM	106200.000	12.465	17.688
28.413	6029.750	7008.597	3.886
4765.846	165.844	1.002	14.834
12/9/2016 3:35:00 AM	106500.000	12.471	17.687
28.425	6030.559	7009.605	3.886
4766.531	165.822	1.002	14.833
12/9/2016 3:40:00 AM	106800.000	12.467	17.687
28.416	6030.710	7009.848	3.886
4766.697	165.818	1.002	14.833
12/9/2016 3:45:00 AM	107100.000	12.474	17.688
28.432	6031.523	7010.686	3.887
4767.267	165.796	1.002	14.832
12/9/2016 3:50:00 AM	107400.000	12.475	17.687
28.435	6031.005	7010.138	3.887
4766.894	165.810	1.002	14.831
12/9/2016 3:55:00 AM	107700.000	12.478	17.687
28.442	6032.656	7012.071	3.888
4768.208	165.764	1.002	14.831
12/9/2016 4:00:00 AM	108000.000	12.479	17.687
28.443	6032.952	7012.387	3.888
4768.423	165.756	1.002	14.830
12/9/2016 4:05:00 AM	108300.000	12.470	17.687
28.423	6032.527	7011.922	3.888
4768.107	165.768	1.002	14.832
12/9/2016 4:10:00 AM	108600.000	12.473	17.688
28.431	6034.137	7013.724	3.889
4769.333	165.724	1.002	14.834
12/9/2016 4:15:00 AM	108900.000	12.467	17.687
28.416	6036.336	7016.361	3.890
4771.126	165.663	1.002	14.836
12/9/2016 4:20:00 AM	109200.000	12.473	17.687
28.430	6034.397	7014.096	3.889
4769.585	165.717	1.002	14.835

12/9/2016 4:25:00 AM	109500.000	12.474	17.687
28.431	6033.026	7012.487	3.888
4768.491	165.754	1.002	14.834
12/9/2016 4:30:00 AM	109800.000	12.477	17.687
28.438	6036.371	7016.361	3.890
4771.126	165.662	1.002	14.832
12/9/2016 4:35:00 AM	110100.000	12.474	17.687
28.433	6034.389	7014.057	3.889
4769.560	165.717	1.002	14.834
12/9/2016 4:40:00 AM	110400.000	12.474	17.687
28.432	6033.914	7013.533	3.889
4769.203	165.730	1.002	14.835
12/9/2016 4:45:00 AM	110700.000	12.473	17.687
28.430	6035.302	7015.132	3.890
4770.291	165.692	1.002	14.837
12/9/2016 4:50:00 AM	111000.000	12.475	17.688
28.435	6035.893	7015.777	3.890
4770.729	165.676	1.002	14.835
12/9/2016 4:55:00 AM	111300.000	12.473	17.687
28.431	6037.518	7017.749	3.891
4772.069	165.631	1.002	14.834
12/9/2016 5:00:00 AM	111600.000	12.475	17.687
28.435	6034.552	7014.287	3.889
4769.716	165.712	1.002	14.832
12/9/2016 5:05:00 AM	111900.000	12.480	17.687
28.445	6035.131	7014.960	3.889
4770.173	165.696	1.002	14.833
12/9/2016 5:10:00 AM	112200.000	12.476	17.688
28.438	6038.137	7018.358	3.891
4772.484	165.614	1.002	14.833
12/9/2016 5:15:00 AM	112500.000	12.482	17.687
28.450	6035.325	7015.146	3.890
4770.299	165.691	1.002	14.833
12/9/2016 5:20:00 AM	112800.000	12.480	17.687
28.445	6035.485	7015.332	3.890
4770.425	165.687	1.002	14.834
12/9/2016 5:25:00 AM	113100.000	12.476	17.687
28.437	6035.265	7015.104	3.890
4770.271	165.693	1.002	14.834
12/9/2016 5:30:00 AM	113400.000	12.481	17.688
28.447	6035.370	7015.130	3.890
4770.289	165.690	1.002	14.834
12/9/2016 5:35:00 AM	113700.000	12.478	17.687
28.442	6035.293	7015.108	3.890
4770.274	165.692	1.002	14.836
12/9/2016 5:40:00 AM	114000.000	12.474	17.688
28.433	6035.767	7015.603	3.890
4770.610	165.679	1.002	14.838
12/9/2016 5:45:00 AM	114300.000	12.478	17.687
28.441	6034.822	7014.561	3.889
4769.902	165.705	1.002	14.840
12/9/2016 5:50:00 AM	114600.000	12.480	17.687
28.446	6035.905	7015.874	3.890
4770.795	165.675	1.002	14.840

12/9/2016 5:55:00 AM	114900.000	12.476	17.687
28.436	6034.482	7014.220	3.889
4769.670	165.714	1.002	14.841
12/9/2016 6:00:00 AM	115200.000	12.476	17.687
28.436	6034.411	7014.082	3.889
4769.576	165.716	1.002	14.841
12/9/2016 6:05:00 AM	115500.000	12.477	17.687
28.438	6035.500	7015.376	3.890
4770.457	165.686	1.002	14.842
12/9/2016 6:10:00 AM	115800.000	12.481	17.688
28.449	6035.488	7015.252	3.890
4770.372	165.687	1.002	14.843
12/9/2016 6:15:00 AM	116100.000	12.476	17.687
28.436	6034.459	7014.179	3.889
4769.642	165.715	1.002	14.844
12/9/2016 6:20:00 AM	116400.000	12.473	17.688
28.430	6036.140	7016.065	3.890
4770.925	165.669	1.002	14.846
12/9/2016 6:25:00 AM	116700.000	12.473	17.688
28.429	6027.214	7005.636	3.884
4763.833	165.914	1.002	14.847
12/9/2016 6:30:00 AM	117000.000	12.471	17.687
28.424	6019.188	6996.374	3.878
4757.535	166.135	1.002	14.848
12/9/2016 6:35:00 AM	117300.000	12.474	17.688
28.433	6004.848	6979.680	3.869
4746.183	166.532	1.002	14.847
12/9/2016 6:40:00 AM	117600.000	12.474	17.687
28.432	5986.593	6958.501	3.856
4731.781	167.040	1.002	14.846
12/9/2016 6:45:00 AM	117900.000	12.478	17.687
28.441	5975.564	6945.668	3.848
4723.054	167.348	1.002	14.845
12/9/2016 6:50:00 AM	118200.000	12.476	17.688
28.436	5962.152	6930.053	3.839
4712.436	167.725	1.002	14.843
12/9/2016 6:55:00 AM	118500.000	12.484	17.688
28.454	5951.465	6917.644	3.832
4703.998	168.026	1.002	14.842
12/9/2016 7:00:00 AM	118800.000	12.480	17.687
28.446	5943.154	6907.997	3.826
4697.438	168.261	1.002	14.840
12/9/2016 7:05:00 AM	119100.000	12.484	17.688
28.455	5932.349	6895.424	3.819
4688.889	168.567	1.002	14.839
12/9/2016 7:10:00 AM	119400.000	12.483	17.688
28.453	5923.396	6884.963	3.812
4681.775	168.822	1.002	14.839
12/9/2016 7:15:00 AM	119700.000	12.483	17.688
28.451	5914.741	6874.958	3.807
4674.972	169.069	1.002	14.838
12/9/2016 7:20:00 AM	120000.000	12.483	17.688
28.452	5906.563	6865.452	3.801
4668.508	169.303	1.002	14.840

12/9/2016 7:25:00 AM	120300.000	12.477	17.688
28.439	5897.648	6855.062	3.795
4661.443	169.559	1.002	14.842
12/9/2016 7:30:00 AM	120600.000	12.475	17.688
28.435	5889.290	6845.362	3.789
4654.846	169.800	1.002	14.843
12/9/2016 7:35:00 AM	120900.000	12.478	17.688
28.442	5883.116	6838.198	3.785
4649.975	169.978	1.002	14.846
12/9/2016 7:40:00 AM	121200.000	12.478	17.688
28.441	5877.883	6832.077	3.781
4645.812	170.129	1.002	14.848
12/9/2016 7:45:00 AM	121500.000	12.479	17.687
28.443	5868.163	6820.831	3.775
4638.166	170.411	1.002	14.850
12/9/2016 7:50:00 AM	121800.000	12.478	17.688
28.441	5862.881	6814.651	3.771
4633.963	170.565	1.002	14.851
12/9/2016 7:55:00 AM	122100.000	12.477	17.688
28.439	5856.033	6806.641	3.766
4628.516	170.764	1.002	14.852
12/9/2016 8:00:00 AM	122400.000	12.476	17.688
28.437	5851.118	6801.006	3.763
4624.685	170.908	1.002	14.853
12/9/2016 8:05:00 AM	122700.000	12.474	17.687
28.432	5843.879	6792.605	3.758
4618.971	171.119	1.002	14.855
12/9/2016 8:10:00 AM	123000.000	12.467	17.688
28.416	5838.420	6786.247	3.754
4614.648	171.279	1.002	14.858
12/9/2016 8:15:00 AM	123300.000	12.468	17.688
28.418	5832.372	6779.204	3.750
4609.859	171.457	1.002	14.860
12/9/2016 8:20:00 AM	123600.000	12.475	17.687
28.434	5827.580	6773.712	3.747
4606.125	171.598	1.002	14.857
12/9/2016 8:25:00 AM	123900.000	12.478	17.688
28.442	5820.520	6765.375	3.742
4600.455	171.806	1.002	14.853
12/9/2016 8:30:00 AM	124200.000	12.477	17.688
28.439	5817.792	6762.257	3.740
4598.335	171.887	1.002	14.850
12/9/2016 8:35:00 AM	124500.000	12.482	17.688
28.450	5813.711	6757.514	3.737
4595.110	172.007	1.002	14.851
12/9/2016 8:40:00 AM	124800.000	12.483	17.687
28.454	5807.544	6750.371	3.733
4590.253	172.190	1.002	14.851
12/9/2016 8:45:00 AM	125100.000	12.478	17.688
28.440	5801.196	6742.927	3.729
4585.191	172.378	1.002	14.852
12/9/2016 8:50:00 AM	125400.000	12.479	17.688
28.444	5797.514	6738.700	3.726
4582.316	172.488	1.002	14.854

12/9/2016 8:55:00 AM	125700.000	12.474	17.687
28.432	5792.268	6732.628	3.722
4578.188	172.644	1.002	14.856
12/9/2016 9:00:00 AM	126000.000	12.472	17.687
28.427	5789.573	6729.510	3.721
4576.067	172.724	1.002	14.859
12/9/2016 9:05:00 AM	126300.000	12.472	17.688
28.427	5783.256	6722.075	3.716
4571.012	172.913	1.001	14.859
12/9/2016 9:10:00 AM	126600.000	12.471	17.688
28.426	5779.532	6717.786	3.714
4568.095	173.024	1.001	14.859
12/9/2016 9:15:00 AM	126900.000	12.472	17.687
28.428	5776.549	6714.385	3.712
4565.783	173.114	1.001	14.860
12/9/2016 9:20:00 AM	127200.000	12.473	17.688
28.431	5772.272	6709.256	3.709
4562.294	173.242	1.001	14.860
12/9/2016 9:25:00 AM	127500.000	12.477	17.688
28.440	5766.835	6703.028	3.705
4558.059	173.405	1.001	14.861
12/9/2016 9:30:00 AM	127800.000	12.471	17.687
28.426	5764.221	6700.041	3.703
4556.028	173.484	1.001	14.862
12/9/2016 9:35:00 AM	128100.000	12.476	17.688
28.436	5760.249	6695.385	3.700
4552.862	173.604	1.001	14.862
12/9/2016 9:40:00 AM	128400.000	12.477	17.688
28.439	5755.152	6689.461	3.697
4548.834	173.757	1.001	14.861
12/9/2016 9:45:00 AM	128700.000	12.479	17.688
28.443	5752.420	6686.258	3.695
4546.656	173.840	1.001	14.861
12/9/2016 9:50:00 AM	129000.000	12.476	17.688
28.437	5749.653	6683.031	3.693
4544.461	173.924	1.001	14.861
12/9/2016 9:55:00 AM	129300.000	12.477	17.688
28.439	5747.081	6680.079	3.691
4542.454	174.001	1.001	14.861
12/9/2016 10:00:00 AM	129600.000	12.479	17.687
28.444	5742.920	6675.269	3.689
4539.183	174.127	1.001	14.861
12/9/2016 10:05:00 AM	129900.000	12.474	17.688
28.432	5738.895	6670.473	3.686
4535.922	174.250	1.001	14.862
12/9/2016 10:10:00 AM	130200.000	12.478	17.687
28.441	5736.366	6667.651	3.684
4534.003	174.326	1.001	14.863
12/9/2016 10:15:00 AM	130500.000	12.476	17.687
28.437	5734.247	6665.201	3.683
4532.337	174.391	1.001	14.865
12/9/2016 10:20:00 AM	130800.000	12.474	17.688
28.432	5730.436	6660.705	3.680
4529.280	174.507	1.001	14.865

12/9/2016 10:25:00 AM	131100.000	12.469	17.687
28.421	5729.660	6659.895	3.679
4528.729	174.530	1.001	14.866
12/9/2016 10:30:00 AM	131400.000	12.474	17.688
28.433	5726.466	6656.105	3.677
4526.152	174.628	1.001	14.866
12/9/2016 10:35:00 AM	131700.000	12.467	17.688
28.417	5722.920	6651.996	3.675
4523.358	174.736	1.001	14.868
12/9/2016 10:40:00 AM	132000.000	12.466	17.688
28.414	5722.371	6651.358	3.674
4522.923	174.753	1.001	14.869
12/9/2016 10:45:00 AM	132300.000	12.471	17.687
28.426	5719.603	6648.193	3.673
4520.771	174.837	1.001	14.871
12/9/2016 10:50:00 AM	132600.000	12.472	17.687
28.427	5717.845	6646.162	3.671
4519.391	174.891	1.001	14.870
12/9/2016 10:55:00 AM	132900.000	12.473	17.688
28.429	5714.569	6642.225	3.669
4516.713	174.991	1.001	14.869
12/9/2016 11:00:00 AM	133200.000	12.473	17.687
28.430	5711.685	6638.976	3.667
4514.504	175.080	1.001	14.868
12/9/2016 11:05:00 AM	133500.000	12.468	17.687
28.417	5711.058	6638.286	3.667
4514.034	175.099	1.001	14.866
12/9/2016 11:10:00 AM	133800.000	12.469	17.688
28.421	5707.081	6633.547	3.664
4510.813	175.221	1.001	14.864
12/9/2016 11:15:00 AM	134100.000	12.474	17.688
28.432	5704.966	6631.115	3.663
4509.159	175.286	1.001	14.862
12/9/2016 11:20:00 AM	134400.000	12.472	17.688
28.426	5704.221	6630.262	3.662
4508.578	175.309	1.001	14.863
12/9/2016 11:25:00 AM	134700.000	12.471	17.688
28.425	5703.322	6629.179	3.661
4507.842	175.336	1.001	14.864
12/9/2016 11:30:00 AM	135000.000	12.464	17.687
28.408	5698.972	6624.186	3.658
4504.447	175.470	1.001	14.865
12/9/2016 11:35:00 AM	135300.000	12.467	17.687
28.416	5698.305	6623.410	3.658
4503.919	175.491	1.001	14.861
12/9/2016 11:40:00 AM	135600.000	12.474	17.687
28.431	5697.570	6622.570	3.657
4503.348	175.513	1.001	14.857
12/9/2016 11:45:00 AM	135900.000	12.476	17.687
28.437	5696.667	6621.494	3.657
4502.616	175.541	1.001	14.853
12/9/2016 11:50:00 AM	136200.000	12.470	17.687
28.424	5693.760	6618.115	3.655
4500.318	175.631	1.001	14.850

12/9/2016 11:55:00 AM	136500.000	12.475	17.687
28.433	5691.633	6615.693	3.653
4498.671	175.697	1.001	14.848
12/9/2016 12:00:00 PM	136800.000	12.470	17.687
28.423	5691.330	6615.303	3.653
4498.406	175.706	1.001	14.845
12/9/2016 12:05:00 PM	137100.000	12.469	17.688
28.421	5689.457	6613.101	3.652
4496.908	175.764	1.001	14.844
12/9/2016 12:10:00 PM	137400.000	12.475	17.688
28.434	5687.328	6610.587	3.650
4495.200	175.829	1.001	14.844
12/9/2016 12:15:00 PM	137700.000	12.474	17.688
28.432	5684.053	6606.807	3.648
4492.629	175.931	1.001	14.843
12/9/2016 12:20:00 PM	138000.000	12.476	17.687
28.436	5682.906	6605.525	3.647
4491.757	175.966	1.001	14.841
12/9/2016 12:25:00 PM	138300.000	12.477	17.687
28.439	5681.559	6603.973	3.647
4490.702	176.008	1.001	14.839
12/9/2016 12:30:00 PM	138600.000	12.478	17.687
28.442	5682.890	6605.520	3.647
4491.753	175.967	1.001	14.837
12/9/2016 12:35:00 PM	138900.000	12.475	17.688
28.435	5679.800	6601.838	3.645
4489.250	176.063	1.001	14.834
12/9/2016 12:40:00 PM	139200.000	12.472	17.687
28.428	5679.803	6601.891	3.645
4489.287	176.062	1.001	14.832
12/9/2016 12:45:00 PM	139500.000	12.473	17.688
28.431	5678.796	6600.709	3.645
4488.482	176.094	1.001	14.830
12/9/2016 12:50:00 PM	139800.000	12.474	17.687
28.433	5678.509	6600.388	3.644
4488.264	176.103	1.001	14.830
12/9/2016 12:55:00 PM	140100.000	12.473	17.687
28.431	5675.302	6596.673	3.642
4485.738	176.202	1.001	14.831
12/9/2016 1:00:00 PM	140400.000	12.472	17.687
28.428	5676.275	6597.804	3.643
4486.507	176.172	1.001	14.832
12/9/2016 1:05:00 PM	140700.000	12.469	17.688
28.421	5674.094	6595.179	3.641
4484.722	176.240	1.001	14.830
12/9/2016 1:10:00 PM	141000.000	12.470	17.688
28.422	5672.291	6593.120	3.640
4483.322	176.296	1.001	14.828
12/9/2016 1:15:00 PM	141300.000	12.472	17.687
28.427	5671.389	6592.111	3.640
4482.636	176.324	1.001	14.826
12/9/2016 1:20:00 PM	141600.000	12.472	17.687
28.427	5671.944	6592.848	3.640
4483.137	176.306	1.001	14.825

12/9/2016 1:25:00 PM	141900.000	12.472	17.688
28.427	5672.728	6593.604	3.640
4483.651	176.282	1.001	14.823
12/9/2016 1:30:00 PM	142200.000	12.473	17.687
28.429	5670.926	6591.574	3.639
4482.270	176.338	1.001	14.822
12/9/2016 1:35:00 PM	142500.000	12.471	17.688
28.425	5673.302	6594.285	3.641
4484.114	176.264	1.001	14.827
12/9/2016 1:40:00 PM	142800.000	12.466	17.687
28.414	5671.990	6592.850	3.640
4483.139	176.305	1.001	14.831
12/9/2016 1:45:00 PM	143100.000	12.456	17.688
28.391	5669.456	6589.840	3.638
4481.091	176.384	1.001	14.836
12/9/2016 1:50:00 PM	143400.000	12.462	17.687
28.406	5669.715	6590.192	3.638
4481.332	176.376	1.001	14.832
12/9/2016 1:55:00 PM	143700.000	12.468	17.687
28.417	5668.745	6589.090	3.638
4480.581	176.406	1.001	14.829
12/9/2016 2:00:00 PM	144000.000	12.470	17.688
28.424	5668.147	6588.319	3.637
4480.057	176.424	1.001	14.826
12/9/2016 2:05:00 PM	144300.000	12.464	17.687
28.408	5668.614	6588.913	3.638
4480.461	176.410	1.001	14.826
12/9/2016 2:10:00 PM	144600.000	12.469	17.688
28.421	5668.390	6588.576	3.637
4480.232	176.417	1.001	14.826
12/9/2016 2:15:00 PM	144900.000	12.467	17.687
28.417	5669.848	6590.333	3.638
4481.427	176.372	1.001	14.826
12/9/2016 2:20:00 PM	145200.000	12.466	17.687
28.413	5669.930	6590.429	3.639
4481.492	176.369	1.001	14.823
12/9/2016 2:25:00 PM	145500.000	12.472	17.688
28.427	5668.493	6588.707	3.638
4480.320	176.414	1.001	14.820
12/9/2016 2:30:00 PM	145800.000	12.473	17.688
28.430	5669.688	6590.109	3.638
4481.274	176.377	1.001	14.817
12/9/2016 2:35:00 PM	146100.000	12.470	17.688
28.422	5667.084	6587.083	3.637
4479.217	176.458	1.001	14.819
12/9/2016 2:40:00 PM	146400.000	12.463	17.688
28.407	5669.266	6589.632	3.638
4480.950	176.390	1.001	14.821
12/9/2016 2:45:00 PM	146700.000	12.466	17.687
28.413	5669.910	6590.405	3.639
4481.476	176.370	1.001	14.823
12/9/2016 2:50:00 PM	147000.000	12.465	17.688
28.410	5669.654	6590.083	3.638
4481.256	176.378	1.001	14.824

12/9/2016 2:55:00 PM	147300.000	12.460	17.687
28.400	5668.348	6588.617	3.637
4480.259	176.418	1.001	14.825
12/9/2016 3:00:00 PM	147600.000	12.461	17.687
28.402	5668.258	6588.513	3.637
4480.189	176.421	1.001	14.825
12/9/2016 3:05:00 PM	147900.000	12.461	17.687
28.403	5667.807	6587.961	3.637
4479.814	176.435	1.001	14.824
12/9/2016 3:10:00 PM	148200.000	12.463	17.688
28.407	5669.881	6590.256	3.638
4481.375	176.371	1.001	14.823
12/9/2016 3:15:00 PM	148500.000	12.469	17.687
28.420	5669.864	6590.379	3.638
4481.458	176.371	1.001	14.823
12/9/2016 3:20:00 PM	148800.000	12.467	17.687
28.416	5670.830	6591.552	3.639
4482.255	176.341	1.001	14.822
12/9/2016 3:25:00 PM	149100.000	12.461	17.687
28.402	5671.149	6591.833	3.639
4482.447	176.331	1.001	14.822
12/9/2016 3:30:00 PM	149400.000	12.460	17.688
28.399	5668.421	6588.612	3.637
4480.256	176.416	1.001	14.822
12/9/2016 3:35:00 PM	149700.000	12.459	17.687
28.397	5669.524	6589.971	3.638
4481.180	176.382	1.001	14.823
12/9/2016 3:40:00 PM	150000.000	12.462	17.687
28.406	5671.119	6591.798	3.639
4482.422	176.332	1.001	14.825
12/9/2016 3:45:00 PM	150300.000	12.459	17.687
28.397	5669.634	6590.072	3.638
4481.250	176.378	1.001	14.827
12/9/2016 3:50:00 PM	150600.000	12.463	17.687
28.406	5671.671	6592.439	3.640
4482.859	176.315	1.001	14.825
12/9/2016 3:55:00 PM	150900.000	12.462	17.688
28.405	5672.241	6593.078	3.640
4483.293	176.297	1.001	14.823
12/9/2016 4:00:00 PM	151200.000	12.464	17.687
28.410	5672.167	6593.043	3.640
4483.269	176.299	1.001	14.822
12/9/2016 4:05:00 PM	151500.000	12.460	17.687
28.401	5672.164	6593.039	3.640
4483.266	176.300	1.001	14.820
12/9/2016 4:10:00 PM	151800.000	12.460	17.687
28.400	5671.844	6592.681	3.640
4483.023	176.310	1.001	14.818
12/9/2016 4:15:00 PM	152100.000	12.464	17.687
28.408	5673.082	6594.093	3.641
4483.983	176.271	1.001	14.816
12/9/2016 4:20:00 PM	152400.000	12.464	17.688
28.408	5672.499	6593.390	3.640
4483.505	176.289	1.001	14.817

12/9/2016 4:25:00 PM	152700.000	12.458	17.687
28.396	5673.650	6594.767	3.641
4484.442	176.253	1.001	14.817
12/9/2016 4:30:00 PM	153000.000	12.466	17.687
28.413	5673.530	6594.627	3.641
4484.346	176.257	1.001	14.817
12/9/2016 4:35:00 PM	153300.000	12.459	17.687
28.398	5672.732	6593.713	3.640
4483.725	176.282	1.001	14.818
12/9/2016 4:40:00 PM	153600.000	12.463	17.687
28.407	5673.825	6594.943	3.641
4484.562	176.248	1.001	14.819
12/9/2016 4:45:00 PM	153900.000	12.462	17.687
28.405	5674.879	6596.168	3.642
4485.395	176.215	1.001	14.819
12/9/2016 4:50:00 PM	154200.000	12.458	17.687
28.396	5674.105	6595.269	3.641
4484.783	176.239	1.001	14.818
12/9/2016 4:55:00 PM	154500.000	12.459	17.688
28.398	5675.536	6596.919	3.642
4485.905	176.195	1.001	14.816
12/9/2016 5:00:00 PM	154800.000	12.460	17.688
28.401	5676.803	6598.393	3.643
4486.908	176.155	1.001	14.814
12/9/2016 5:05:00 PM	155100.000	12.466	17.687
28.414	5676.029	6597.531	3.643
4486.321	176.180	1.001	14.815
12/9/2016 5:10:00 PM	155400.000	12.458	17.687
28.396	5677.961	6599.792	3.644
4487.859	176.120	1.001	14.815
12/9/2016 5:15:00 PM	155700.000	12.461	17.687
28.404	5678.489	6600.377	3.644
4488.257	176.103	1.001	14.815
12/9/2016 5:20:00 PM	156000.000	12.458	17.687
28.395	5676.327	6597.942	3.643
4486.601	176.170	1.001	14.818
12/9/2016 5:25:00 PM	156300.000	12.456	17.687
28.391	5677.626	6599.388	3.644
4487.583	176.130	1.001	14.820
12/9/2016 5:30:00 PM	156600.000	12.451	17.687
28.380	5678.042	6599.858	3.644
4487.904	176.117	1.001	14.822
12/9/2016 5:35:00 PM	156900.000	12.454	17.688
28.386	5679.273	6601.251	3.645
4488.851	176.079	1.001	14.820
12/9/2016 5:40:00 PM	157200.000	12.455	17.687
28.389	5680.434	6602.639	3.646
4489.795	176.043	1.001	14.818
12/9/2016 5:45:00 PM	157500.000	12.462	17.687
28.404	5680.567	6602.820	3.646
4489.918	176.039	1.001	14.815
12/9/2016 5:50:00 PM	157800.000	12.458	17.687
28.397	5679.996	6602.156	3.645
4489.467	176.056	1.001	14.815

12/9/2016 5:55:00 PM	158100.000	12.459	17.687
28.397	5681.133	6603.438	3.646
4490.338	176.021	1.001	14.815
12/9/2016 6:00:00 PM	158400.000	12.459	17.687
28.398	5682.123	6604.628	3.647
4491.147	175.991	1.001	14.815
12/9/2016 6:05:00 PM	158700.000	12.461	17.687
28.403	5683.805	6606.620	3.648
4492.502	175.938	1.001	14.816
12/9/2016 6:10:00 PM	159000.000	12.455	17.687
28.389	5681.835	6604.281	3.647
4490.912	175.999	1.001	14.817
12/9/2016 6:15:00 PM	159300.000	12.458	17.688
28.396	5682.385	6604.881	3.647
4491.319	175.982	1.001	14.818
12/9/2016 6:20:00 PM	159600.000	12.457	17.687
28.394	5683.348	6606.012	3.648
4492.088	175.953	1.001	14.819
12/9/2016 6:25:00 PM	159900.000	12.456	17.688
28.391	5683.287	6605.929	3.648
4492.032	175.955	1.001	14.819
12/9/2016 6:30:00 PM	160200.000	12.457	17.687
28.394	5684.272	6607.087	3.648
4492.820	175.924	1.001	14.820
12/9/2016 6:35:00 PM	160500.000	12.453	17.688
28.383	5686.534	6609.703	3.650
4494.598	175.854	1.001	14.820
12/9/2016 6:40:00 PM	160800.000	12.458	17.687
28.395	5686.078	6609.186	3.650
4494.247	175.868	1.001	14.819
12/9/2016 6:45:00 PM	161100.000	12.459	17.688
28.397	5687.892	6611.191	3.651
4495.610	175.812	1.001	14.819
12/9/2016 6:50:00 PM	161400.000	12.456	17.687
28.391	5686.820	6610.061	3.650
4494.842	175.845	1.001	14.821
12/9/2016 6:55:00 PM	161700.000	12.449	17.688
28.376	5688.250	6611.698	3.651
4495.956	175.801	1.001	14.823
12/9/2016 7:00:00 PM	162000.000	12.445	17.687
28.367	5688.937	6612.573	3.652
4496.550	175.780	1.001	14.825
12/9/2016 7:05:00 PM	162300.000	12.450	17.687
28.378	5689.634	6613.359	3.652
4497.084	175.758	1.001	14.822
12/9/2016 7:10:00 PM	162600.000	12.452	17.688
28.382	5689.123	6612.712	3.652
4496.645	175.774	1.001	14.820
12/9/2016 7:15:00 PM	162900.000	12.451	17.687
28.380	5690.741	6614.619	3.653
4497.941	175.724	1.001	14.818
12/9/2016 7:20:00 PM	163200.000	12.450	17.687
28.378	5689.821	6613.577	3.652
4497.232	175.752	1.001	14.820

12/9/2016 7:25:00 PM	163500.000	12.447	17.687
28.372	5690.960	6614.887	3.653
4498.124	175.717	1.001	14.822
12/9/2016 7:30:00 PM	163800.000	12.451	17.687
28.380	5692.635	6616.872	3.654
4499.474	175.666	1.001	14.824
12/9/2016 7:35:00 PM	164100.000	12.450	17.687
28.377	5692.445	6616.600	3.654
4499.288	175.671	1.001	14.824
12/9/2016 7:40:00 PM	164400.000	12.448	17.687
28.372	5693.064	6617.332	3.654
4499.786	175.652	1.001	14.825
12/9/2016 7:45:00 PM	164700.000	12.442	17.687
28.359	5695.212	6619.868	3.656
4501.511	175.586	1.001	14.826
12/9/2016 7:50:00 PM	165000.000	12.452	17.687
28.382	5695.335	6619.946	3.656
4501.563	175.582	1.001	14.821
12/9/2016 7:55:00 PM	165300.000	12.456	17.687
28.392	5696.360	6621.188	3.657
4502.409	175.551	1.001	14.816
12/9/2016 8:00:00 PM	165600.000	12.455	17.688
28.389	5696.880	6621.729	3.657
4502.776	175.535	1.001	14.811
12/9/2016 8:05:00 PM	165900.000	12.459	17.687
28.399	5697.836	6622.893	3.658
4503.567	175.505	1.001	14.811
12/9/2016 8:10:00 PM	166200.000	12.454	17.687
28.387	5698.354	6623.519	3.658
4503.994	175.489	1.001	14.811
12/9/2016 8:15:00 PM	166500.000	12.454	17.687
28.388	5697.258	6622.193	3.657
4503.091	175.523	1.001	14.811
12/9/2016 8:20:00 PM	166800.000	12.455	17.687
28.388	5698.453	6623.569	3.658
4504.027	175.486	1.001	14.811
12/9/2016 8:25:00 PM	167100.000	12.456	17.687
28.391	5700.823	6626.365	3.660
4505.929	175.413	1.001	14.811
12/9/2016 8:30:00 PM	167400.000	12.458	17.687
28.394	5700.321	6625.817	3.659
4505.556	175.429	1.001	14.811
12/9/2016 8:35:00 PM	167700.000	12.449	17.687
28.375	5702.773	6628.632	3.661
4507.470	175.353	1.001	14.816
12/9/2016 8:40:00 PM	168000.000	12.447	17.687
28.371	5702.123	6627.862	3.661
4506.947	175.373	1.001	14.820
12/9/2016 8:45:00 PM	168300.000	12.448	17.687
28.374	5702.014	6627.760	3.661
4506.877	175.377	1.001	14.825
12/9/2016 8:50:00 PM	168600.000	12.449	17.687
28.375	5704.935	6631.117	3.663
4509.160	175.287	1.001	14.823

12/9/2016 8:55:00 PM	168900.000	12.446	17.687
28.368	5705.404	6631.649	3.663
4509.521	175.272	1.001	14.821
12/9/2016 9:00:00 PM	169200.000	12.452	17.687
28.382	5705.103	6631.298	3.663
4509.283	175.282	1.001	14.820
12/9/2016 9:05:00 PM	169500.000	12.447	17.687
28.371	5706.974	6633.487	3.664
4510.771	175.224	1.001	14.820
12/9/2016 9:10:00 PM	169800.000	12.451	17.687
28.380	5708.442	6635.207	3.665
4511.941	175.179	1.001	14.821
12/9/2016 9:15:00 PM	170100.000	12.446	17.687
28.368	5709.440	6636.354	3.666
4512.721	175.149	1.001	14.822
12/9/2016 9:20:00 PM	170400.000	12.448	17.688
28.373	5709.004	6635.809	3.665
4512.350	175.162	1.001	14.822
12/9/2016 9:25:00 PM	170700.000	12.447	17.687
28.370	5710.638	6637.773	3.666
4513.686	175.112	1.001	14.822
12/9/2016 9:30:00 PM	171000.000	12.453	17.688
28.384	5711.090	6638.233	3.667
4513.999	175.098	1.001	14.822
12/9/2016 9:35:00 PM	171300.000	12.452	17.688
28.381	5710.928	6638.030	3.667
4513.861	175.103	1.001	14.822
12/9/2016 9:40:00 PM	171600.000	12.448	17.687
28.373	5710.637	6637.745	3.666
4513.667	175.112	1.001	14.821
12/9/2016 9:45:00 PM	171900.000	12.451	17.687
28.379	5711.108	6638.331	3.667
4514.065	175.097	1.001	14.821
12/9/2016 9:50:00 PM	172200.000	12.452	17.687
28.381	5710.781	6637.898	3.667
4513.771	175.107	1.001	14.820
12/9/2016 9:55:00 PM	172500.000	12.452	17.687
28.382	5710.572	6637.696	3.666
4513.634	175.114	1.001	14.819
12/9/2016 10:00:00 PM	172800.000	12.451	17.688
28.380	5711.797	6639.030	3.667
4514.541	175.076	1.001	14.818
12/9/2016 10:05:00 PM	173100.000	12.448	17.688
28.372	5714.297	6641.946	3.669
4516.524	175.000	1.001	14.819
12/9/2016 10:10:00 PM	173400.000	12.451	17.687
28.380	5722.816	6651.901	3.675
4523.292	174.739	1.001	14.821
12/9/2016 10:15:00 PM	173700.000	12.444	17.687
28.364	5740.340	6672.297	3.687
4537.162	174.206	1.001	14.822
12/9/2016 10:20:00 PM	174000.000	12.449	17.687
28.376	5760.541	6695.815	3.701
4553.154	173.595	1.001	14.821

12/9/2016 10:25:00 PM	174300.000	12.447	17.687
28.371	5776.854	6714.740	3.712
4566.023	173.105	1.001	14.820
12/9/2016 10:30:00 PM	174600.000	12.453	17.687
28.384	5790.153	6730.223	3.721
4576.551	172.707	1.002	14.819
12/9/2016 10:35:00 PM	174900.000	12.455	17.687
28.388	5804.191	6746.487	3.731
4587.612	172.289	1.002	14.818
12/9/2016 10:40:00 PM	175200.000	12.453	17.687
28.385	5814.866	6758.922	3.738
4596.067	171.973	1.002	14.818
12/9/2016 10:45:00 PM	175500.000	12.451	17.687
28.380	5827.108	6773.229	3.746
4605.796	171.612	1.002	14.818
12/9/2016 10:50:00 PM	175800.000	12.449	17.687
28.374	5836.636	6784.213	3.753
4613.266	171.332	1.002	14.819
12/9/2016 10:55:00 PM	176100.000	12.448	17.687
28.373	5845.697	6794.851	3.759
4620.499	171.066	1.002	14.820
12/9/2016 11:00:00 PM	176400.000	12.450	17.687
28.377	5853.521	6803.892	3.765
4626.646	170.837	1.002	14.822
12/9/2016 11:05:00 PM	176700.000	12.450	17.687
28.376	5861.302	6812.909	3.770
4632.778	170.611	1.002	14.822
12/9/2016 11:10:00 PM	177000.000	12.450	17.687
28.378	5869.102	6822.002	3.775
4638.962	170.384	1.002	14.822
12/9/2016 11:15:00 PM	177300.000	12.445	17.687
28.365	5877.222	6831.388	3.781
4645.344	170.148	1.002	14.822
12/9/2016 11:20:00 PM	177600.000	12.450	17.686
28.378	5884.158	6839.596	3.786
4650.926	169.948	1.002	14.820
12/9/2016 11:25:00 PM	177900.000	12.452	17.687
28.381	5890.000	6846.347	3.790
4655.516	169.779	1.002	14.818
12/9/2016 11:30:00 PM	178200.000	12.449	17.687
28.375	5896.537	6853.812	3.794
4660.592	169.591	1.002	14.817
12/9/2016 11:35:00 PM	178500.000	12.455	17.687
28.389	5901.967	6860.230	3.798
4664.957	169.435	1.002	14.815
12/9/2016 11:40:00 PM	178800.000	12.456	17.687
28.391	5906.825	6865.823	3.801
4668.760	169.296	1.002	14.813
12/9/2016 11:45:00 PM	179100.000	12.454	17.687
28.386	5913.290	6873.297	3.806
4673.842	169.111	1.002	14.812
12/9/2016 11:50:00 PM	179400.000	12.459	17.687
28.399	5919.076	6880.051	3.810
4678.436	168.945	1.002	14.810

12/9/2016 11:55:00 PM	179700.000	12.461	17.687
28.403	5921.118	6882.410	3.811
4680.040	168.887	1.002	14.808
12/10/2016 12:00:00 AM	180000.000	12.461	17.687
28.402	5927.131	6889.440	3.815
4684.820	168.716	1.002	14.806
12/10/2016 12:05:00 AM	180300.000	12.458	17.687
28.395	5929.964	6892.799	3.817
4687.104	168.635	1.002	14.809
12/10/2016 12:10:00 AM	180600.000	12.459	17.687
28.397	5935.031	6898.649	3.821
4691.082	168.491	1.002	14.812
12/10/2016 12:15:00 AM	180900.000	12.457	17.686
28.392	5939.689	6904.128	3.824
4694.808	168.359	1.002	14.815
12/10/2016 12:20:00 AM	181200.000	12.453	17.687
28.383	5942.289	6907.004	3.826
4696.764	168.285	1.002	14.814
12/10/2016 12:25:00 AM	181500.000	12.458	17.687
28.397	5946.108	6911.539	3.828
4699.846	168.177	1.002	14.812
12/10/2016 12:30:00 AM	181800.000	12.455	17.687
28.389	5949.400	6915.337	3.830
4702.430	168.084	1.002	14.810
12/10/2016 12:35:00 AM	182100.000	12.460	17.687
28.401	5952.391	6918.801	3.833
4704.785	168.000	1.002	14.810
12/10/2016 12:40:00 AM	182400.000	12.455	17.687
28.389	5957.565	6924.842	3.836
4708.893	167.854	1.002	14.811
12/10/2016 12:45:00 AM	182700.000	12.457	17.687
28.393	5959.789	6927.400	3.838
4710.632	167.791	1.002	14.812
12/10/2016 12:50:00 AM	183000.000	12.460	17.687
28.399	5962.493	6930.610	3.840
4712.815	167.715	1.002	14.812
12/10/2016 12:55:00 AM	183300.000	12.453	17.687
28.384	5965.878	6934.531	3.842
4715.482	167.620	1.002	14.812
12/10/2016 1:00:00 AM	183600.000	12.455	17.687
28.388	5968.699	6937.742	3.844
4717.665	167.541	1.002	14.812
12/10/2016 1:05:00 AM	183900.000	12.449	17.687
28.376	5970.978	6940.405	3.845
4719.476	167.477	1.002	14.816
12/10/2016 1:10:00 AM	184200.000	12.454	17.687
28.386	5973.605	6943.460	3.847
4721.553	167.403	1.002	14.819
12/10/2016 1:15:00 AM	184500.000	12.447	17.687
28.370	5976.385	6946.703	3.849
4723.759	167.325	1.002	14.822
12/10/2016 1:20:00 AM	184800.000	12.449	17.688
28.375	5981.111	6952.103	3.852
4727.430	167.193	1.002	14.821

12/10/2016 1:25:00 AM	185100.000	12.451	17.687
28.381	5981.526	6952.626	3.853
4727.786	167.181	1.002	14.819
12/10/2016 1:30:00 AM	185400.000	12.453	17.687
28.385	5984.282	6955.855	3.854
4729.982	167.104	1.002	14.818
12/10/2016 1:35:00 AM	185700.000	12.455	17.687
28.388	5986.828	6958.814	3.856
4731.994	167.033	1.002	14.816
12/10/2016 1:40:00 AM	186000.000	12.455	17.687
28.388	5988.922	6961.276	3.858
4733.668	166.975	1.002	14.814
12/10/2016 1:45:00 AM	186300.000	12.457	17.687
28.394	5992.189	6965.102	3.860
4736.270	166.884	1.002	14.812
12/10/2016 1:50:00 AM	186600.000	12.457	17.687
28.393	5994.095	6967.329	3.861
4737.784	166.831	1.002	14.812
12/10/2016 1:55:00 AM	186900.000	12.462	17.687
28.404	5995.002	6968.305	3.862
4738.448	166.806	1.002	14.811
12/10/2016 2:00:00 AM	187200.000	12.459	17.687
28.398	5997.695	6971.446	3.864
4740.584	166.731	1.002	14.810
12/10/2016 2:05:00 AM	187500.000	12.458	17.687
28.397	5999.776	6973.839	3.865
4742.211	166.673	1.002	14.810
12/10/2016 2:10:00 AM	187800.000	12.463	17.687
28.407	6001.093	6975.396	3.866
4743.270	166.636	1.002	14.811
12/10/2016 2:15:00 AM	188100.000	12.463	17.687
28.408	6002.379	6976.864	3.867
4744.268	166.601	1.002	14.811
12/10/2016 2:20:00 AM	188400.000	12.461	17.687
28.402	6006.958	6982.240	3.870
4747.923	166.474	1.002	14.809
12/10/2016 2:25:00 AM	188700.000	12.468	17.687
28.417	6007.469	6982.875	3.870
4748.355	166.459	1.002	14.808
12/10/2016 2:30:00 AM	189000.000	12.468	17.687
28.418	6006.700	6981.980	3.870
4747.747	166.481	1.002	14.806
12/10/2016 2:35:00 AM	189300.000	12.467	17.687
28.415	6007.487	6982.816	3.870
4748.316	166.459	1.002	14.808
12/10/2016 2:40:00 AM	189600.000	12.465	17.687
28.411	6009.158	6984.716	3.872
4749.607	166.413	1.002	14.810
12/10/2016 2:45:00 AM	189900.000	12.462	17.687
28.405	6009.978	6985.669	3.872
4750.255	166.390	1.002	14.813
12/10/2016 2:50:00 AM	190200.000	12.463	17.687
28.407	6011.909	6987.982	3.873
4751.828	166.337	1.002	14.811

12/10/2016 2:55:00 AM	190500.000	12.463	17.687
28.406	6012.812	6988.991	3.874
4752.514	166.312	1.002	14.809
12/10/2016 3:00:00 AM	190800.000	12.463	17.687
28.408	6014.484	6990.921	3.875
4753.827	166.265	1.002	14.807
12/10/2016 3:05:00 AM	191100.000	12.467	17.687
28.416	6016.812	6993.667	3.877
4755.693	166.201	1.002	14.807
12/10/2016 3:10:00 AM	191400.000	12.469	17.687
28.420	6015.916	6992.652	3.876
4755.003	166.226	1.002	14.806
12/10/2016 3:15:00 AM	191700.000	12.469	17.687
28.422	6016.549	6993.350	3.877
4755.479	166.208	1.002	14.806
12/10/2016 3:20:00 AM	192000.000	12.469	17.688
28.420	6018.465	6995.521	3.878
4756.954	166.155	1.002	14.807
12/10/2016 3:25:00 AM	192300.000	12.462	17.687
28.406	6020.612	6998.098	3.879
4758.707	166.096	1.002	14.809
12/10/2016 3:30:00 AM	192600.000	12.467	17.687
28.416	6019.857	6997.274	3.879
4758.147	166.117	1.002	14.810
12/10/2016 3:35:00 AM	192900.000	12.467	17.687
28.416	6022.842	7000.650	3.881
4760.442	166.035	1.002	14.810
12/10/2016 3:40:00 AM	193200.000	12.464	17.687
28.409	6020.901	6998.462	3.880
4758.955	166.088	1.002	14.810
12/10/2016 3:45:00 AM	193500.000	12.467	17.687
28.417	6022.418	7000.157	3.881
4760.107	166.046	1.002	14.811
12/10/2016 3:50:00 AM	193800.000	12.468	17.687
28.418	6022.360	7000.076	3.881
4760.052	166.048	1.002	14.810
12/10/2016 3:55:00 AM	194100.000	12.469	17.687
28.420	6023.189	7001.106	3.881
4760.752	166.025	1.002	14.810
12/10/2016 4:00:00 AM	194400.000	12.463	17.687
28.407	6024.596	7002.660	3.882
4761.810	165.986	1.002	14.809
12/10/2016 4:05:00 AM	194700.000	12.470	17.687
28.423	6024.745	7002.887	3.882
4761.963	165.982	1.002	14.807
12/10/2016 4:10:00 AM	195000.000	12.469	17.687
28.420	6025.243	7003.440	3.883
4762.339	165.968	1.002	14.805
12/10/2016 4:15:00 AM	195300.000	12.469	17.687
28.421	6025.619	7003.918	3.883
4762.665	165.958	1.002	14.803
12/10/2016 4:20:00 AM	195600.000	12.475	17.687
28.434	6028.876	7007.731	3.885
4765.257	165.868	1.002	14.802

12/10/2016 4:25:00 AM	195900.000	12.472	17.687
28.428	6027.969	7006.623	3.885
4764.504	165.893	1.002	14.801
12/10/2016 4:30:00 AM	196200.000	12.473	17.687
28.429	6028.326	7007.039	3.885
4764.786	165.884	1.002	14.800
12/10/2016 4:35:00 AM	196500.000	12.474	17.688
28.433	6028.983	7007.733	3.885
4765.258	165.865	1.002	14.803
12/10/2016 4:40:00 AM	196800.000	12.466	17.687
28.415	6028.875	7007.677	3.885
4765.221	165.868	1.002	14.806
12/10/2016 4:45:00 AM	197100.000	12.465	17.687
28.412	6031.394	7010.644	3.887
4767.238	165.799	1.002	14.809
12/10/2016 4:50:00 AM	197400.000	12.464	17.687
28.409	6029.597	7008.501	3.886
4765.781	165.849	1.002	14.810
12/10/2016 4:55:00 AM	197700.000	12.467	17.687
28.416	6030.208	7009.252	3.886
4766.292	165.832	1.002	14.811
12/10/2016 5:00:00 AM	198000.000	12.468	17.687
28.418	6032.089	7011.397	3.887
4767.751	165.780	1.002	14.812
12/10/2016 5:05:00 AM	198300.000	12.466	17.687
28.413	6031.341	7010.554	3.887
4767.177	165.801	1.002	14.810
12/10/2016 5:10:00 AM	198600.000	12.473	17.688
28.429	6032.326	7011.632	3.888
4767.911	165.774	1.002	14.809
12/10/2016 5:15:00 AM	198900.000	12.471	17.687
28.426	6031.012	7010.187	3.887
4766.927	165.810	1.002	14.807
12/10/2016 5:20:00 AM	199200.000	12.475	17.687
28.434	6030.797	7009.937	3.887
4766.757	165.816	1.002	14.807
12/10/2016 5:25:00 AM	199500.000	12.475	17.687
28.434	6031.292	7010.485	3.887
4767.130	165.802	1.002	14.808
12/10/2016 5:30:00 AM	199800.000	12.473	17.687
28.429	6032.007	7011.371	3.887
4767.732	165.782	1.002	14.809
12/10/2016 5:35:00 AM	200100.000	12.474	17.687
28.431	6031.386	7010.689	3.887
4767.269	165.799	1.002	14.807
12/10/2016 5:40:00 AM	200400.000	12.472	17.687
28.428	6031.883	7011.199	3.887
4767.615	165.786	1.002	14.805
12/10/2016 5:45:00 AM	200700.000	12.476	17.687
28.438	6031.847	7011.198	3.887
4767.615	165.787	1.002	14.803
12/10/2016 5:50:00 AM	201000.000	12.476	17.687
28.436	6032.130	7011.460	3.887
4767.793	165.779	1.002	14.804

12/10/2016 5:55:00 AM	201300.000	12.476	17.687
28.438	6031.444	7010.702	3.887
4767.278	165.798	1.002	14.805
12/10/2016 6:00:00 AM	201600.000	12.472	17.687
28.427	6031.896	7011.242	3.887
4767.645	165.785	1.002	14.807
12/10/2016 6:05:00 AM	201900.000	12.479	17.687
28.444	6033.560	7013.080	3.888
4768.894	165.740	1.002	14.806
12/10/2016 6:10:00 AM	202200.000	12.479	17.688
28.444	6033.068	7012.481	3.888
4768.487	165.753	1.002	14.805
12/10/2016 6:15:00 AM	202500.000	12.479	17.687
28.444	6030.883	7010.050	3.887
4766.834	165.813	1.002	14.804
12/10/2016 6:20:00 AM	202800.000	12.478	17.687
28.442	6030.855	7009.949	3.887
4766.766	165.814	1.002	14.805
12/10/2016 6:25:00 AM	203100.000	12.476	17.687
28.437	6030.464	7009.524	3.886
4766.477	165.825	1.002	14.806
12/10/2016 6:30:00 AM	203400.000	12.473	17.687
28.429	6031.734	7011.026	3.887
4767.499	165.790	1.002	14.807
12/10/2016 6:35:00 AM	203700.000	12.472	17.687
28.428	6029.222	7008.065	3.885
4765.485	165.859	1.002	14.806
12/10/2016 6:40:00 AM	204000.000	12.475	17.687
28.433	6029.806	7008.785	3.886
4765.974	165.843	1.002	14.804
12/10/2016 6:45:00 AM	204300.000	12.475	17.687
28.434	6029.450	7008.413	3.886
4765.721	165.853	1.002	14.803
12/10/2016 6:50:00 AM	204600.000	12.472	17.687
28.428	6028.578	7007.317	3.885
4764.976	165.877	1.002	14.805
12/10/2016 6:55:00 AM	204900.000	12.474	17.687
28.433	6028.287	7007.020	3.885
4764.774	165.885	1.002	14.808
12/10/2016 7:00:00 AM	205200.000	12.473	17.687
28.429	6030.153	7009.148	3.886
4766.221	165.833	1.002	14.810
12/10/2016 7:05:00 AM	205500.000	12.477	17.687
28.439	6027.694	7006.316	3.884
4764.295	165.901	1.002	14.807
12/10/2016 7:10:00 AM	205800.000	12.480	17.687
28.447	6029.086	7007.975	3.885
4765.424	165.863	1.002	14.804
12/10/2016 7:15:00 AM	206100.000	12.478	17.687
28.442	6029.848	7008.764	3.886
4765.960	165.842	1.002	14.801
12/10/2016 7:20:00 AM	206400.000	12.481	17.688
28.448	6028.728	7007.410	3.885
4765.039	165.872	1.002	14.802

12/10/2016 7:25:00 AM	206700.000	12.475	17.687
28.434	6025.734	7004.080	3.883
4762.774	165.955	1.002	14.803
12/10/2016 7:30:00 AM	207000.000	12.480	17.687
28.446	6025.743	7004.021	3.883
4762.735	165.955	1.002	14.805
12/10/2016 7:35:00 AM	207300.000	12.482	17.687
28.450	6024.361	7002.387	3.882
4761.624	165.993	1.002	14.804
12/10/2016 7:40:00 AM	207600.000	12.484	17.688
28.456	6024.799	7002.883	3.882
4761.960	165.981	1.002	14.803
12/10/2016 7:45:00 AM	207900.000	12.480	17.687
28.447	6026.003	7004.338	3.883
4762.950	165.947	1.002	14.802
12/10/2016 7:50:00 AM	208200.000	12.484	17.687
28.456	6021.939	6999.614	3.880
4759.738	166.059	1.002	14.804
12/10/2016 7:55:00 AM	208500.000	12.479	17.687
28.444	6022.948	7000.855	3.881
4760.582	166.032	1.002	14.806
12/10/2016 8:00:00 AM	208800.000	12.482	17.687
28.449	6021.957	6999.621	3.880
4759.742	166.059	1.002	14.808
12/10/2016 8:05:00 AM	209100.000	12.478	17.687
28.441	6020.913	6998.448	3.880
4758.944	166.088	1.002	14.810
12/10/2016 8:10:00 AM	209400.000	12.474	17.687
28.433	6021.157	6998.759	3.880
4759.157	166.081	1.002	14.813
12/10/2016 8:15:00 AM	209700.000	12.478	17.687
28.442	6020.241	6997.721	3.879
4758.451	166.106	1.002	14.816
12/10/2016 8:20:00 AM	210000.000	12.475	17.687
28.435	6019.242	6996.533	3.879
4757.642	166.134	1.002	14.815
12/10/2016 8:25:00 AM	210300.000	12.481	17.687
28.447	6018.771	6995.972	3.878
4757.261	166.147	1.002	14.815
12/10/2016 8:30:00 AM	210600.000	12.480	17.687
28.446	6018.368	6995.463	3.878
4756.915	166.158	1.002	14.814
12/10/2016 8:35:00 AM	210900.000	12.478	17.687
28.441	6018.612	6995.786	3.878
4757.134	166.151	1.002	14.812
12/10/2016 8:40:00 AM	211200.000	12.479	17.687
28.444	6019.869	6997.234	3.879
4758.120	166.117	1.002	14.809
12/10/2016 8:45:00 AM	211500.000	12.485	17.687
28.458	6017.527	6994.486	3.877
4756.251	166.181	1.002	14.807
12/10/2016 8:50:00 AM	211800.000	12.479	17.687
28.445	6016.963	6993.857	3.877
4755.824	166.197	1.002	14.807

12/10/2016 8:55:00 AM	212100.000	12.479	17.688
28.444	6017.901	6994.825	3.878
4756.481	166.171	1.002	14.808
12/10/2016 9:00:00 AM	212400.000	12.479	17.687
28.444	6017.402	6994.368	3.877
4756.170	166.185	1.002	14.809
12/10/2016 9:05:00 AM	212700.000	12.487	17.687
28.461	6017.508	6994.476	3.877
4756.244	166.182	1.002	14.808
12/10/2016 9:10:00 AM	213000.000	12.489	17.687
28.467	6016.112	6992.799	3.876
4755.103	166.220	1.002	14.808
12/10/2016 9:15:00 AM	213300.000	12.486	17.687
28.459	6016.432	6993.252	3.877
4755.412	166.211	1.002	14.808
12/10/2016 9:20:00 AM	213600.000	12.481	17.687
28.448	6015.697	6992.385	3.876
4754.822	166.232	1.002	14.810
12/10/2016 9:25:00 AM	213900.000	12.480	17.687
28.447	6014.377	6990.864	3.875
4753.788	166.268	1.002	14.812
12/10/2016 9:30:00 AM	214200.000	12.482	17.687
28.451	6014.398	6990.820	3.875
4753.758	166.268	1.002	14.814
12/10/2016 9:35:00 AM	214500.000	12.484	17.688
28.454	6012.968	6989.103	3.874
4752.591	166.307	1.002	14.814
12/10/2016 9:40:00 AM	214800.000	12.486	17.687
28.459	6013.354	6989.674	3.874
4752.979	166.297	1.002	14.813
12/10/2016 9:45:00 AM	215100.000	12.482	17.688
28.450	6013.034	6989.195	3.874
4752.653	166.305	1.002	14.812
12/10/2016 9:50:00 AM	215400.000	12.480	17.687
28.445	6012.140	6988.182	3.874
4751.963	166.330	1.002	14.813
12/10/2016 9:55:00 AM	215700.000	12.478	17.687
28.442	6012.131	6988.172	3.874
4751.958	166.330	1.002	14.813
12/10/2016 10:00:00 AM	216000.000	12.479	17.687
28.443	6012.392	6988.556	3.874
4752.218	166.323	1.002	14.814
12/10/2016 10:05:00 AM	216300.000	12.480	17.687
28.447	6011.364	6987.323	3.873
4751.379	166.352	1.002	14.815
12/10/2016 10:10:00 AM	216600.000	12.487	17.687
28.463	6011.792	6987.832	3.873
4751.726	166.340	1.002	14.815
12/10/2016 10:15:00 AM	216900.000	12.484	17.687
28.454	6010.554	6986.381	3.873
4750.740	166.374	1.002	14.816
12/10/2016 10:20:00 AM	217200.000	12.483	17.688
28.454	6010.893	6986.720	3.873
4750.969	166.365	1.002	14.815

12/10/2016 10:25:00 AM	217500.000	12.484	17.687
28.455	6010.567	6986.449	3.873
4750.786	166.374	1.002	14.814
12/10/2016 10:30:00 AM	217800.000	12.489	17.687
28.467	6009.298	6984.960	3.872
4749.773	166.409	1.002	14.814
12/10/2016 10:35:00 AM	218100.000	12.489	17.687
28.465	6009.905	6985.612	3.872
4750.216	166.392	1.002	14.814
12/10/2016 10:40:00 AM	218400.000	12.484	17.687
28.455	6010.037	6985.780	3.872
4750.331	166.388	1.002	14.814
12/10/2016 10:45:00 AM	218700.000	12.489	17.687
28.465	6009.858	6985.584	3.872
4750.197	166.393	1.002	14.814
12/10/2016 10:50:00 AM	219000.000	12.485	17.687
28.458	6009.905	6985.707	3.872
4750.280	166.392	1.002	14.813
12/10/2016 10:55:00 AM	219300.000	12.483	17.687
28.454	6011.112	6986.987	3.873
4751.151	166.359	1.002	14.812
12/10/2016 11:00:00 AM	219600.000	12.488	17.687
28.464	6008.108	6983.564	3.871
4748.824	166.442	1.002	14.811
12/10/2016 11:05:00 AM	219900.000	12.490	17.687
28.468	6007.469	6982.780	3.870
4748.291	166.459	1.002	14.807
12/10/2016 11:10:00 AM	220200.000	12.489	17.687
28.467	6007.182	6982.462	3.870
4748.075	166.467	1.002	14.802
12/10/2016 11:15:00 AM	220500.000	12.492	17.687
28.473	6005.372	6980.315	3.869
4746.614	166.518	1.002	14.798
12/10/2016 11:20:00 AM	220800.000	12.493	17.687
28.475	6004.499	6979.314	3.868
4745.934	166.542	1.002	14.799
12/10/2016 11:25:00 AM	221100.000	12.494	17.687
28.477	5997.653	6971.357	3.864
4740.523	166.732	1.002	14.799
12/10/2016 11:30:00 AM	221400.000	12.487	17.687
28.463	5989.286	6961.632	3.858
4733.910	166.965	1.002	14.800
12/10/2016 11:35:00 AM	221700.000	12.491	17.688
28.471	5974.681	6944.628	3.848
4722.347	167.373	1.002	14.797
12/10/2016 11:40:00 AM	222000.000	12.486	17.688
28.460	5959.629	6927.079	3.837
4710.414	167.796	1.002	14.794
12/10/2016 11:45:00 AM	222300.000	12.492	17.687
28.474	5942.875	6907.752	3.826
4697.272	168.269	1.002	14.792
12/10/2016 11:50:00 AM	222600.000	12.493	17.688
28.474	5930.006	6892.688	3.817
4687.028	168.634	1.002	14.791

12/10/2016 11:55:00 AM	222900.000	12.486	17.688
28.459	5918.476	6879.299	3.809
4677.924	168.962	1.002	14.791
12/10/2016 12:00:00 PM	223200.000	12.490	17.688
28.470	5906.240	6865.010	3.801
4668.207	169.312	1.002	14.791
12/10/2016 12:05:00 PM	223500.000	12.490	17.688
28.468	5894.140	6850.984	3.792
4658.669	169.660	1.002	14.790
12/10/2016 12:10:00 PM	223800.000	12.486	17.688
28.460	5885.889	6841.421	3.787
4652.167	169.898	1.002	14.789
12/10/2016 12:15:00 PM	224100.000	12.488	17.688
28.465	5875.154	6828.917	3.779
4643.664	170.208	1.002	14.788
12/10/2016 12:20:00 PM	224400.000	12.491	17.688
28.471	5867.323	6819.814	3.774
4637.474	170.435	1.002	14.786
12/10/2016 12:25:00 PM	224700.000	12.493	17.687
28.475	5857.745	6808.735	3.767
4629.940	170.714	1.002	14.784
12/10/2016 12:30:00 PM	225000.000	12.488	17.688
28.464	5851.051	6800.890	3.763
4624.605	170.909	1.002	14.783
12/10/2016 12:35:00 PM	225300.000	12.489	17.687
28.466	5844.022	6792.785	3.758
4619.094	171.115	1.002	14.782
12/10/2016 12:40:00 PM	225600.000	12.487	17.687
28.462	5833.488	6780.526	3.751
4610.758	171.424	1.002	14.781
12/10/2016 12:45:00 PM	225900.000	12.487	17.688
28.462	5827.177	6773.151	3.746
4605.743	171.610	1.002	14.779
12/10/2016 12:50:00 PM	226200.000	12.487	17.687
28.461	5820.810	6765.791	3.742
4600.738	171.797	1.002	14.779
12/10/2016 12:55:00 PM	226500.000	12.485	17.688
28.457	5812.729	6756.357	3.736
4594.324	172.036	1.002	14.779
12/10/2016 1:00:00 PM	226800.000	12.486	17.688
28.459	5804.550	6746.851	3.731
4587.859	172.279	1.002	14.778
12/10/2016 1:05:00 PM	227100.000	12.490	17.688
28.470	5799.729	6741.274	3.728
4584.066	172.422	1.002	14.777
12/10/2016 1:10:00 PM	227400.000	12.487	17.687
28.462	5791.851	6732.157	3.722
4577.867	172.656	1.002	14.776
12/10/2016 1:15:00 PM	227700.000	12.491	17.687
28.472	5786.123	6725.485	3.718
4573.331	172.827	1.002	14.775
12/10/2016 1:20:00 PM	228000.000	12.490	17.688
28.468	5778.882	6717.043	3.713
4567.590	173.044	1.001	14.776

12/10/2016 1:25:00 PM	228300.000	12.484	17.687
28.455	5773.950	6711.336	3.710
4563.709	173.192	1.001	14.777
12/10/2016 1:30:00 PM	228600.000	12.482	17.688
28.450	5770.431	6707.193	3.707
4560.891	173.297	1.001	14.778
12/10/2016 1:35:00 PM	228900.000	12.486	17.687
28.458	5765.269	6701.233	3.704
4556.838	173.452	1.001	14.776
12/10/2016 1:40:00 PM	229200.000	12.487	17.688
28.461	5760.520	6695.688	3.701
4553.068	173.595	1.001	14.775
12/10/2016 1:45:00 PM	229500.000	12.484	17.687
28.454	5754.585	6688.855	3.697
4548.422	173.774	1.001	14.773
12/10/2016 1:50:00 PM	229800.000	12.485	17.687
28.458	5749.100	6682.438	3.693
4544.058	173.940	1.001	14.771
12/10/2016 1:55:00 PM	230100.000	12.490	17.687
28.468	5745.177	6677.879	3.690
4540.958	174.059	1.001	14.768
12/10/2016 2:00:00 PM	230400.000	12.490	17.688
28.470	5739.559	6671.309	3.686
4536.490	174.229	1.001	14.766
12/10/2016 2:05:00 PM	230700.000	12.490	17.687
28.469	5733.903	6664.788	3.682
4532.056	174.401	1.001	14.765
12/10/2016 2:10:00 PM	231000.000	12.488	17.688
28.463	5728.715	6658.719	3.679
4527.929	174.559	1.001	14.764
12/10/2016 2:15:00 PM	231300.000	12.491	17.687
28.471	5726.598	6656.324	3.677
4526.300	174.624	1.001	14.764
12/10/2016 2:20:00 PM	231600.000	12.490	17.688
28.468	5722.044	6650.940	3.674
4522.639	174.763	1.001	14.764
12/10/2016 2:25:00 PM	231900.000	12.490	17.687
28.469	5717.787	6646.056	3.671
4519.318	174.893	1.001	14.764
12/10/2016 2:30:00 PM	232200.000	12.485	17.688
28.458	5714.899	6642.660	3.669
4517.009	174.981	1.001	14.765
12/10/2016 2:35:00 PM	232500.000	12.489	17.688
28.467	5711.104	6638.197	3.667
4513.974	175.097	1.001	14.765
12/10/2016 2:40:00 PM	232800.000	12.485	17.687
28.457	5705.452	6631.770	3.663
4509.604	175.271	1.001	14.764
12/10/2016 2:45:00 PM	233100.000	12.490	17.688
28.469	5701.928	6627.596	3.660
4506.765	175.379	1.001	14.764
12/10/2016 2:50:00 PM	233400.000	12.487	17.687
28.461	5699.896	6625.247	3.659
4505.168	175.442	1.001	14.765

12/10/2016 2:55:00 PM	233700.000	12.483	17.687
28.453	5696.006	6620.829	3.656
4502.165	175.562	1.001	14.765
12/10/2016 3:00:00 PM	234000.000	12.486	17.687
28.460	5694.257	6618.719	3.655
4500.729	175.616	1.001	14.766
12/10/2016 3:05:00 PM	234300.000	12.488	17.687
28.465	5697.921	6622.965	3.658
4503.616	175.503	1.001	14.767
12/10/2016 3:10:00 PM	234600.000	12.484	17.687
28.455	5702.638	6628.485	3.661
4507.370	175.357	1.001	14.767
12/10/2016 3:15:00 PM	234900.000	12.485	17.687
28.458	5711.782	6639.103	3.667
4514.590	175.077	1.001	14.768
12/10/2016 3:20:00 PM	235200.000	12.486	17.687
28.459	5722.831	6651.971	3.675
4523.341	174.739	1.001	14.768
12/10/2016 3:25:00 PM	235500.000	12.486	17.687
28.458	5736.775	6668.126	3.684
4534.327	174.314	1.001	14.768
12/10/2016 3:30:00 PM	235800.000	12.481	17.687
28.448	5749.370	6682.804	3.693
4544.307	173.932	1.001	14.768
12/10/2016 3:35:00 PM	236100.000	12.481	17.687
28.449	5759.065	6694.152	3.700
4552.024	173.639	1.001	14.767
12/10/2016 3:40:00 PM	236400.000	12.489	17.687
28.466	5771.771	6708.842	3.708
4562.013	173.257	1.001	14.766
12/10/2016 3:45:00 PM	236700.000	12.490	17.687
28.469	5778.848	6717.082	3.713
4567.616	173.045	1.001	14.765
12/10/2016 3:50:00 PM	237000.000	12.488	17.687
28.464	5789.965	6730.004	3.721
4576.403	172.713	1.002	14.767
12/10/2016 3:55:00 PM	237300.000	12.481	17.687
28.448	5795.443	6736.372	3.725
4580.733	172.549	1.002	14.770
12/10/2016 4:00:00 PM	237600.000	12.483	17.687
28.453	5805.005	6747.472	3.731
4588.281	172.265	1.002	14.772
12/10/2016 4:05:00 PM	237900.000	12.484	17.687
28.454	5811.286	6754.720	3.735
4593.210	172.079	1.002	14.770
12/10/2016 4:10:00 PM	238200.000	12.483	17.687
28.453	5817.521	6761.994	3.740
4598.156	171.895	1.002	14.767
12/10/2016 4:15:00 PM	238500.000	12.484	17.687
28.454	5823.615	6769.118	3.744
4603.000	171.715	1.002	14.765
12/10/2016 4:20:00 PM	238800.000	12.481	17.687
28.447	5829.093	6775.445	3.748
4607.303	171.553	1.002	14.765

12/10/2016 4:25:00 PM	239100.000	12.485	17.687
28.458	5834.835	6782.134	3.752
4611.852	171.384	1.002	14.764
12/10/2016 4:30:00 PM	239400.000	12.487	17.687
28.462	5837.351	6785.095	3.753
4613.865	171.311	1.002	14.763
12/10/2016 4:35:00 PM	239700.000	12.488	17.687
28.465	5846.431	6795.585	3.760
4620.999	171.045	1.002	14.763
12/10/2016 4:40:00 PM	240000.000	12.489	17.687
28.466	5851.296	6801.319	3.763
4624.897	170.902	1.002	14.762
12/10/2016 4:45:00 PM	240300.000	12.489	17.687
28.466	5854.454	6804.963	3.765
4627.375	170.810	1.002	14.761
12/10/2016 4:50:00 PM	240600.000	12.490	17.687
28.469	5860.863	6812.413	3.770
4632.440	170.623	1.002	14.764
12/10/2016 4:55:00 PM	240900.000	12.488	17.688
28.463	5864.376	6816.389	3.772
4635.145	170.521	1.002	14.768
12/10/2016 5:00:00 PM	241200.000	12.482	17.687
28.450	5867.706	6820.313	3.774
4637.813	170.424	1.002	14.772
12/10/2016 5:05:00 PM	241500.000	12.489	17.687
28.466	5872.592	6826.021	3.778
4641.694	170.283	1.002	14.767
12/10/2016 5:10:00 PM	241800.000	12.487	17.687
28.462	5875.796	6829.745	3.780
4644.227	170.190	1.002	14.763
12/10/2016 5:15:00 PM	242100.000	12.490	17.687
28.469	5879.986	6834.641	3.783
4647.556	170.068	1.002	14.759
12/10/2016 5:20:00 PM	242400.000	12.486	17.687
28.460	5884.070	6839.348	3.786
4650.756	169.950	1.002	14.762
12/10/2016 5:25:00 PM	242700.000	12.488	17.687
28.464	5887.683	6843.599	3.788
4653.648	169.846	1.002	14.766
12/10/2016 5:30:00 PM	243000.000	12.480	17.687
28.446	5889.709	6845.928	3.789
4655.231	169.788	1.002	14.769
12/10/2016 5:35:00 PM	243300.000	12.487	17.687
28.462	5893.410	6850.229	3.792
4658.156	169.681	1.002	14.768
12/10/2016 5:40:00 PM	243600.000	12.485	17.687
28.457	5898.566	6856.264	3.796
4662.260	169.533	1.002	14.766
12/10/2016 5:45:00 PM	243900.000	12.491	17.687
28.472	5900.807	6858.854	3.797
4664.021	169.468	1.002	14.764
12/10/2016 5:50:00 PM	244200.000	12.492	17.687
28.472	5905.128	6863.917	3.800
4667.464	169.344	1.002	14.765

12/10/2016 5:55:00 PM	244500.000	12.488	17.687
28.463	5905.559	6864.312	3.800
4667.732	169.332	1.002	14.765
12/10/2016 6:00:00 PM	244800.000	12.494	17.687
28.477	5909.525	6868.922	3.803
4670.868	169.218	1.002	14.766
12/10/2016 6:05:00 PM	245100.000	12.485	17.687
28.458	5913.182	6873.200	3.806
4673.777	169.114	1.002	14.770
12/10/2016 6:10:00 PM	245400.000	12.481	17.687
28.448	5914.927	6875.295	3.807
4675.201	169.064	1.002	14.774
12/10/2016 6:15:00 PM	245700.000	12.477	17.688
28.439	5917.558	6878.219	3.809
4677.189	168.989	1.002	14.778
12/10/2016 6:20:00 PM	246000.000	12.480	17.687
28.446	5920.302	6881.502	3.810
4679.421	168.910	1.002	14.775
12/10/2016 6:25:00 PM	246300.000	12.488	17.687
28.463	5922.098	6883.536	3.812
4680.804	168.859	1.002	14.771
12/10/2016 6:30:00 PM	246600.000	12.488	17.687
28.465	5924.887	6886.858	3.814
4683.063	168.780	1.002	14.767
12/10/2016 6:35:00 PM	246900.000	12.495	17.687
28.479	5927.318	6889.657	3.815
4684.967	168.710	1.002	14.766
12/10/2016 6:40:00 PM	247200.000	12.496	17.687
28.483	5927.144	6889.467	3.815
4684.838	168.715	1.002	14.765
12/10/2016 6:45:00 PM	247500.000	12.491	17.687
28.470	5929.784	6892.550	3.817
4686.935	168.640	1.002	14.763
12/10/2016 6:50:00 PM	247800.000	12.494	17.687
28.479	5930.808	6893.740	3.818
4687.744	168.611	1.002	14.766
12/10/2016 6:55:00 PM	248100.000	12.493	17.687
28.476	5934.514	6898.007	3.820
4690.645	168.506	1.002	14.769
12/10/2016 7:00:00 PM	248400.000	12.487	17.687
28.462	5937.350	6901.317	3.822
4692.896	168.425	1.002	14.772
12/10/2016 7:05:00 PM	248700.000	12.490	17.687
28.468	5936.895	6900.802	3.822
4692.545	168.438	1.002	14.770
12/10/2016 7:10:00 PM	249000.000	12.497	17.687
28.485	5938.054	6902.110	3.823
4693.435	168.405	1.002	14.769
12/10/2016 7:15:00 PM	249300.000	12.492	17.687
28.473	5941.348	6906.006	3.825
4696.084	168.312	1.002	14.768
12/10/2016 7:20:00 PM	249600.000	12.492	17.687
28.472	5943.991	6909.037	3.827
4698.146	168.237	1.002	14.769

12/10/2016 7:25:00 PM	249900.000	12.491	17.688
28.471	5943.460	6908.339	3.826
4697.671	168.252	1.002	14.771
12/10/2016 7:30:00 PM	250200.000	12.490	17.687
28.468	5945.227	6910.474	3.828
4699.123	168.202	1.002	14.773
12/10/2016 7:35:00 PM	250500.000	12.489	17.687
28.466	5947.491	6913.172	3.829
4700.958	168.138	1.002	14.775
12/10/2016 7:40:00 PM	250800.000	12.487	17.688
28.462	5950.540	6916.555	3.831
4703.258	168.052	1.002	14.777
12/10/2016 7:45:00 PM	251100.000	12.490	17.687
28.469	5949.837	6915.807	3.831
4702.749	168.072	1.002	14.779
12/10/2016 7:50:00 PM	251400.000	12.489	17.687
28.467	5950.836	6917.006	3.831
4703.564	168.044	1.002	14.780
12/10/2016 7:55:00 PM	251700.000	12.484	17.688
28.456	5954.360	6920.980	3.834
4706.267	167.944	1.002	14.781
12/10/2016 8:00:00 PM	252000.000	12.489	17.688
28.467	5954.159	6920.775	3.834
4706.127	167.950	1.002	14.782
12/10/2016 8:05:00 PM	252300.000	12.489	17.687
28.467	5956.406	6923.534	3.835
4708.003	167.886	1.002	14.782
12/10/2016 8:10:00 PM	252600.000	12.488	17.687
28.464	5956.448	6923.544	3.835
4708.010	167.885	1.002	14.783
12/10/2016 8:15:00 PM	252900.000	12.495	17.687
28.480	5958.608	6926.068	3.837
4709.727	167.824	1.002	14.783
12/10/2016 8:20:00 PM	253200.000	12.491	17.687
28.471	5958.737	6926.230	3.837
4709.836	167.821	1.002	14.782
12/10/2016 8:25:00 PM	253500.000	12.496	17.687
28.481	5961.512	6929.403	3.839
4711.994	167.743	1.002	14.781
12/10/2016 8:30:00 PM	253800.000	12.491	17.686
28.472	5961.504	6929.474	3.839
4712.043	167.743	1.002	14.779
12/10/2016 8:35:00 PM	254100.000	12.491	17.687
28.471	5964.547	6932.972	3.841
4714.421	167.657	1.002	14.779
12/10/2016 8:40:00 PM	254400.000	12.491	17.687
28.470	5965.273	6933.749	3.841
4714.950	167.637	1.002	14.779
12/10/2016 8:45:00 PM	254700.000	12.494	17.687
28.477	5964.377	6932.693	3.841
4714.231	167.662	1.002	14.779
12/10/2016 8:50:00 PM	255000.000	12.489	17.687
28.467	5966.495	6935.140	3.842
4715.896	167.603	1.002	14.779

12/10/2016 8:55:00 PM	255300.000	12.488	17.687
28.463	5966.091	6934.711	3.842
4715.604	167.614	1.002	14.779
12/10/2016 9:00:00 PM	255600.000	12.488	17.687
28.464	5968.251	6937.237	3.843
4717.321	167.553	1.002	14.779
12/10/2016 9:05:00 PM	255900.000	12.492	17.687
28.474	5968.251	6937.168	3.843
4717.275	167.553	1.002	14.780
12/10/2016 9:10:00 PM	256200.000	12.492	17.688
28.472	5967.656	6936.463	3.843
4716.795	167.570	1.002	14.781
12/10/2016 9:15:00 PM	256500.000	12.491	17.687
28.472	5968.719	6937.821	3.844
4717.719	167.540	1.002	14.782
12/10/2016 9:20:00 PM	256800.000	12.492	17.687
28.473	5970.488	6939.782	3.845
4719.052	167.491	1.002	14.783
12/10/2016 9:25:00 PM	257100.000	12.493	17.687
28.476	5969.454	6938.608	3.844
4718.254	167.520	1.002	14.784
12/10/2016 9:30:00 PM	257400.000	12.492	17.687
28.474	5969.870	6939.130	3.845
4718.609	167.508	1.002	14.785
12/10/2016 9:35:00 PM	257700.000	12.488	17.687
28.464	5970.178	6939.462	3.845
4718.834	167.499	1.002	14.783
12/10/2016 9:40:00 PM	258000.000	12.489	17.687
28.466	5970.987	6940.391	3.845
4719.466	167.476	1.002	14.781
12/10/2016 9:45:00 PM	258300.000	12.493	17.687
28.475	5970.966	6940.366	3.845
4719.450	167.477	1.002	14.780
12/10/2016 9:50:00 PM	258600.000	12.496	17.687
28.482	5970.732	6940.065	3.845
4719.245	167.484	1.002	14.783
12/10/2016 9:55:00 PM	258900.000	12.493	17.687
28.476	5971.988	6941.580	3.846
4720.274	167.448	1.002	14.786
12/10/2016 10:00:00 PM	259200.000	12.488	17.687
28.463	5972.957	6942.691	3.847
4721.030	167.421	1.002	14.789
12/10/2016 10:05:00 PM	259500.000	12.497	17.687
28.484	5973.138	6942.983	3.847
4721.229	167.416	1.002	14.787
12/10/2016 10:10:00 PM	259800.000	12.497	17.687
28.486	5973.840	6943.746	3.847
4721.748	167.396	1.002	14.784
12/10/2016 10:15:00 PM	260100.000	12.496	17.687
28.482	5973.883	6943.728	3.847
4721.735	167.395	1.002	14.782
12/10/2016 10:20:00 PM	260400.000	12.499	17.687
28.488	5973.659	6943.508	3.847
4721.586	167.402	1.002	14.784

12/10/2016 10:25:00 PM	260700.000	12.503	17.687
28.499	5975.064	6945.156	3.848
4722.707	167.362	1.002	14.787
12/10/2016 10:30:00 PM	261000.000	12.496	17.687
28.482	5974.362	6944.325	3.848
4722.141	167.382	1.002	14.789
12/10/2016 10:35:00 PM	261300.000	12.496	17.687
28.482	5975.426	6945.603	3.848
4723.011	167.352	1.002	14.792
12/10/2016 10:40:00 PM	261600.000	12.489	17.687
28.467	5976.800	6947.173	3.849
4724.078	167.314	1.002	14.796
12/10/2016 10:45:00 PM	261900.000	12.487	17.687
28.462	5977.843	6948.398	3.850
4724.911	167.284	1.002	14.799
12/10/2016 10:50:00 PM	262200.000	12.492	17.688
28.473	5976.374	6946.597	3.849
4723.686	167.326	1.002	14.798
12/10/2016 10:55:00 PM	262500.000	12.497	17.687
28.483	5976.225	6946.505	3.849
4723.624	167.330	1.002	14.797
12/10/2016 11:00:00 PM	262800.000	12.496	17.687
28.482	5975.927	6946.171	3.849
4723.397	167.338	1.002	14.797
12/10/2016 11:05:00 PM	263100.000	12.496	17.687
28.481	5976.128	6946.405	3.849
4723.556	167.332	1.002	14.797
12/10/2016 11:10:00 PM	263400.000	12.496	17.687
28.483	5976.863	6947.288	3.849
4724.156	167.312	1.002	14.798
12/10/2016 11:15:00 PM	263700.000	12.490	17.687
28.468	5977.736	6948.247	3.850
4724.808	167.287	1.002	14.798
12/10/2016 11:20:00 PM	264000.000	12.495	17.687
28.480	5977.055	6947.482	3.850
4724.288	167.306	1.002	14.799
12/10/2016 11:25:00 PM	264300.000	12.491	17.687
28.471	5978.471	6949.168	3.851
4725.435	167.267	1.002	14.799
12/10/2016 11:30:00 PM	264600.000	12.492	17.687
28.474	5976.831	6947.222	3.849
4724.111	167.313	1.002	14.799
12/10/2016 11:35:00 PM	264900.000	12.499	17.687
28.490	5978.237	6948.896	3.850
4725.250	167.273	1.002	14.798
12/10/2016 11:40:00 PM	265200.000	12.503	17.687
28.498	5977.758	6948.286	3.850
4724.835	167.287	1.002	14.797
12/10/2016 11:45:00 PM	265500.000	12.500	17.687
28.492	5978.290	6948.905	3.850
4725.255	167.272	1.002	14.796
12/10/2016 11:50:00 PM	265800.000	12.505	17.687
28.502	5980.728	6951.751	3.852
4727.191	167.204	1.002	14.798

12/10/2016 11:55:00 PM	266100.000	12.499	17.687
28.488	5979.823	6950.713	3.851
4726.486	167.229	1.002	14.799
12/11/2016 12:00:00 AM	266400.000	12.499	17.687
28.488	5979.759	6950.640	3.851
4726.435	167.231	1.002	14.801
12/11/2016 12:05:00 AM	266700.000	12.500	17.687
28.491	5979.917	6950.809	3.851
4726.551	167.226	1.002	14.800
12/11/2016 12:10:00 AM	267000.000	12.501	17.687
28.494	5979.514	6950.328	3.851
4726.223	167.238	1.002	14.800
12/11/2016 12:15:00 AM	267300.000	12.497	17.687
28.485	5980.685	6951.715	3.852
4727.167	167.205	1.002	14.799
12/11/2016 12:20:00 AM	267600.000	12.500	17.687
28.492	5982.143	6953.329	3.853
4728.264	167.164	1.002	14.798
12/11/2016 12:25:00 AM	267900.000	12.497	17.687
28.485	5982.207	6953.432	3.853
4728.334	167.162	1.002	14.797
12/11/2016 12:30:00 AM	268200.000	12.501	17.687
28.493	5980.142	6951.017	3.852
4726.692	167.220	1.002	14.797
12/11/2016 12:35:00 AM	268500.000	12.502	17.687
28.495	5980.855	6951.887	3.852
4727.284	167.200	1.002	14.796
12/11/2016 12:40:00 AM	268800.000	12.504	17.687
28.501	5982.431	6953.718	3.853
4728.528	167.156	1.002	14.796
12/11/2016 12:45:00 AM	269100.000	12.501	17.687
28.493	5981.207	6952.308	3.852
4727.569	167.190	1.002	14.796
12/11/2016 12:50:00 AM	269400.000	12.500	17.687
28.491	5982.856	6954.172	3.853
4728.837	167.144	1.002	14.797
12/11/2016 12:55:00 AM	269700.000	12.500	17.687
28.490	5983.069	6954.487	3.854
4729.052	167.138	1.002	14.798
12/11/2016 1:00:00 AM	270000.000	12.503	17.687
28.498	5981.291	6952.434	3.852
4727.655	167.188	1.002	14.798
12/11/2016 1:05:00 AM	270300.000	12.497	17.687
28.484	5984.889	6956.576	3.855
4730.472	167.087	1.002	14.801
12/11/2016 1:10:00 AM	270600.000	12.499	17.687
28.489	5984.315	6955.894	3.854
4730.008	167.103	1.002	14.803
12/11/2016 1:15:00 AM	270900.000	12.497	17.687
28.484	5983.516	6955.020	3.854
4729.414	167.126	1.002	14.806
12/11/2016 1:20:00 AM	271200.000	12.494	17.687
28.477	5985.527	6957.370	3.855
4731.012	167.070	1.002	14.805

12/11/2016 1:25:00 AM	271500.000	12.500	17.687
28.490	5983.633	6955.090	3.854
4729.461	167.123	1.002	14.803
12/11/2016 1:30:00 AM	271800.000	12.498	17.687
28.486	5986.113	6957.943	3.856
4731.401	167.053	1.002	14.802
12/11/2016 1:35:00 AM	272100.000	12.499	17.687
28.489	5985.294	6957.020	3.855
4730.773	167.076	1.002	14.801
12/11/2016 1:40:00 AM	272400.000	12.499	17.687
28.490	5985.708	6957.514	3.855
4731.109	167.065	1.002	14.800
12/11/2016 1:45:00 AM	272700.000	12.500	17.687
28.492	5987.189	6959.262	3.856
4732.298	167.023	1.002	14.799
12/11/2016 1:50:00 AM	273000.000	12.503	17.687
28.499	5986.561	6958.531	3.856
4731.801	167.041	1.002	14.800
12/11/2016 1:55:00 AM	273300.000	12.500	17.687
28.490	5988.168	6960.399	3.857
4733.072	166.996	1.002	14.801
12/11/2016 2:00:00 AM	273600.000	12.498	17.686
28.487	5988.084	6960.382	3.857
4733.060	166.998	1.002	14.803
12/11/2016 2:05:00 AM	273900.000	12.501	17.687
28.494	5988.008	6960.214	3.857
4732.945	167.000	1.002	14.803
12/11/2016 2:10:00 AM	274200.000	12.502	17.687
28.496	5990.393	6962.985	3.859
4734.831	166.934	1.002	14.803
12/11/2016 2:15:00 AM	274500.000	12.501	17.687
28.494	5988.467	6960.734	3.857
4733.300	166.988	1.002	14.804
12/11/2016 2:20:00 AM	274800.000	12.496	17.687
28.483	5989.083	6961.451	3.858
4733.787	166.970	1.002	14.806
12/11/2016 2:25:00 AM	275100.000	12.495	17.687
28.480	5990.596	6963.194	3.859
4734.973	166.928	1.002	14.808
12/11/2016 2:30:00 AM	275400.000	12.493	17.687
28.476	5992.585	6965.452	3.860
4736.507	166.873	1.002	14.811
12/11/2016 2:35:00 AM	275700.000	12.500	17.687
28.492	5993.703	6966.820	3.861
4737.438	166.842	1.002	14.808
12/11/2016 2:40:00 AM	276000.000	12.498	17.687
28.487	5991.234	6963.910	3.859
4735.459	166.911	1.002	14.806
12/11/2016 2:45:00 AM	276300.000	12.499	17.687
28.490	5993.598	6966.698	3.861
4737.355	166.845	1.002	14.804
12/11/2016 2:50:00 AM	276600.000	12.499	17.687
28.490	5995.971	6969.483	3.863
4739.249	166.779	1.002	14.804

12/11/2016 2:55:00 AM	276900.000	12.504	17.687
28.501	5996.398	6969.898	3.863
4739.531	166.767	1.002	14.805
12/11/2016 3:00:00 AM	277200.000	12.499	17.687
28.490	5995.077	6968.417	3.862
4738.524	166.804	1.002	14.805
12/11/2016 3:05:00 AM	277500.000	12.499	17.687
28.488	5995.097	6968.454	3.862
4738.549	166.803	1.002	14.805
12/11/2016 3:10:00 AM	277800.000	12.497	17.687
28.484	5996.504	6970.036	3.863
4739.625	166.764	1.002	14.805
12/11/2016 3:15:00 AM	278100.000	12.502	17.687
28.497	5996.674	6970.259	3.863
4739.776	166.759	1.002	14.805
12/11/2016 3:20:00 AM	278400.000	12.500	17.687
28.492	5997.472	6971.175	3.864
4740.400	166.737	1.002	14.803
12/11/2016 3:25:00 AM	278700.000	12.503	17.687
28.498	6000.111	6974.269	3.865
4742.503	166.664	1.002	14.801
12/11/2016 3:30:00 AM	279000.000	12.510	17.687
28.513	6000.229	6974.365	3.865
4742.568	166.660	1.002	14.799
12/11/2016 3:35:00 AM	279300.000	12.507	17.686
28.507	6000.767	6975.112	3.866
4743.077	166.645	1.002	14.802
12/11/2016 3:40:00 AM	279600.000	12.500	17.687
28.492	6001.016	6975.361	3.866
4743.246	166.638	1.002	14.804
12/11/2016 3:45:00 AM	279900.000	12.497	17.687
28.484	6001.645	6975.997	3.866
4743.679	166.621	1.002	14.807
12/11/2016 3:50:00 AM	280200.000	12.497	17.687
28.485	6004.030	6978.865	3.868
4745.628	166.555	1.002	14.806
12/11/2016 3:55:00 AM	280500.000	12.503	17.687
28.498	6003.049	6977.737	3.867
4744.862	166.582	1.002	14.805
12/11/2016 4:00:00 AM	280800.000	12.498	17.687
28.486	6003.517	6978.228	3.868
4745.195	166.569	1.002	14.804
12/11/2016 4:05:00 AM	281100.000	12.500	17.687
28.491	6004.614	6979.556	3.869
4746.099	166.539	1.002	14.804
12/11/2016 4:10:00 AM	281400.000	12.500	17.687
28.491	6004.957	6979.955	3.869
4746.369	166.529	1.002	14.803
12/11/2016 4:15:00 AM	281700.000	12.504	17.687
28.502	6006.319	6981.512	3.870
4747.428	166.491	1.002	14.803
12/11/2016 4:20:00 AM	282000.000	12.500	17.687
28.492	6007.225	6982.579	3.870
4748.154	166.466	1.002	14.802

12/11/2016 4:25:00 AM	282300.000	12.506	17.687
28.504	6007.372	6982.694	3.870
4748.232	166.462	1.002	14.801
12/11/2016 4:30:00 AM	282600.000	12.506	17.687
28.505	6010.737	6986.661	3.873
4750.929	166.369	1.002	14.800
12/11/2016 4:35:00 AM	282900.000	12.508	17.687
28.511	6009.375	6984.982	3.872
4749.788	166.407	1.002	14.799
12/11/2016 4:40:00 AM	283200.000	12.505	17.687
28.502	6012.271	6988.402	3.874
4752.114	166.327	1.002	14.798
12/11/2016 4:45:00 AM	283500.000	12.510	17.687
28.514	6010.071	6985.805	3.872
4750.348	166.387	1.002	14.798
12/11/2016 4:50:00 AM	283800.000	12.506	17.687
28.504	6012.291	6988.426	3.874
4752.129	166.326	1.002	14.799
12/11/2016 4:55:00 AM	284100.000	12.510	17.687
28.513	6013.068	6989.397	3.874
4752.791	166.304	1.002	14.801
12/11/2016 5:00:00 AM	284400.000	12.508	17.687
28.511	6013.228	6989.528	3.874
4752.879	166.300	1.002	14.802
12/11/2016 5:05:00 AM	284700.000	12.506	17.687
28.505	6014.800	6991.288	3.875
4754.076	166.257	1.002	14.802
12/11/2016 5:10:00 AM	285000.000	12.503	17.687
28.498	6013.460	6989.771	3.875
4753.044	166.294	1.002	14.803
12/11/2016 5:15:00 AM	285300.000	12.504	17.687
28.500	6016.365	6993.136	3.877
4755.333	166.213	1.002	14.803
12/11/2016 5:20:00 AM	285600.000	12.502	17.687
28.497	6017.901	6994.974	3.878
4756.583	166.171	1.002	14.805
12/11/2016 5:25:00 AM	285900.000	12.501	17.687
28.493	6015.482	6992.148	3.876
4754.662	166.238	1.002	14.808
12/11/2016 5:30:00 AM	286200.000	12.503	17.687
28.499	6016.614	6993.463	3.877
4755.556	166.206	1.002	14.810
12/11/2016 5:35:00 AM	286500.000	12.506	17.687
28.505	6018.346	6995.438	3.878
4756.899	166.159	1.002	14.808
12/11/2016 5:40:00 AM	286800.000	12.503	17.687
28.499	6019.626	6996.926	3.879
4757.910	166.123	1.002	14.805
12/11/2016 5:45:00 AM	287100.000	12.508	17.687
28.510	6018.157	6995.204	3.878
4756.739	166.164	1.002	14.803
12/11/2016 5:50:00 AM	287400.000	12.505	17.688
28.504	6018.654	6995.741	3.878
4757.104	166.150	1.002	14.805

12/11/2016 5:55:00 AM	287700.000	12.504	17.687
28.500	6018.268	6995.386	3.878
4756.863	166.161	1.002	14.807
12/11/2016 6:00:00 AM	288000.000	12.506	17.687
28.504	6019.412	6996.730	3.879
4757.777	166.129	1.002	14.809
12/11/2016 6:05:00 AM	288300.000	12.500	17.687
28.492	6022.215	6999.893	3.881
4759.927	166.052	1.002	14.810
12/11/2016 6:10:00 AM	288600.000	12.501	17.687
28.493	6022.193	7000.003	3.881
4760.002	166.052	1.002	14.810
12/11/2016 6:15:00 AM	288900.000	12.505	17.687
28.502	6022.871	7000.669	3.881
4760.455	166.034	1.002	14.810
12/11/2016 6:20:00 AM	289200.000	12.506	17.687
28.504	6022.102	6999.857	3.881
4759.903	166.055	1.002	14.810
12/11/2016 6:25:00 AM	289500.000	12.501	17.687
28.494	6020.651	6998.185	3.880
4758.766	166.095	1.002	14.811
12/11/2016 6:30:00 AM	289800.000	12.503	17.687
28.497	6024.205	7002.249	3.882
4761.529	165.997	1.002	14.811
12/11/2016 6:35:00 AM	290100.000	12.505	17.687
28.502	6022.989	7000.861	3.881
4760.586	166.031	1.002	14.813
12/11/2016 6:40:00 AM	290400.000	12.504	17.687
28.499	6025.546	7003.846	3.883
4762.616	165.960	1.002	14.815
12/11/2016 6:45:00 AM	290700.000	12.500	17.687
28.492	6023.546	7001.483	3.881
4761.009	166.015	1.002	14.817
12/11/2016 6:50:00 AM	291000.000	12.498	17.687
28.487	6023.201	7001.093	3.881
4760.744	166.025	1.002	14.815
12/11/2016 6:55:00 AM	291300.000	12.505	17.687
28.504	6023.384	7001.347	3.881
4760.916	166.020	1.002	14.813
12/11/2016 7:00:00 AM	291600.000	12.508	17.687
28.510	6023.374	7001.335	3.881
4760.909	166.020	1.002	14.812
12/11/2016 7:05:00 AM	291900.000	12.508	17.687
28.510	6024.080	7002.182	3.882
4761.484	166.000	1.002	14.812
12/11/2016 7:10:00 AM	292200.000	12.504	17.687
28.500	6024.935	7003.150	3.882
4762.142	165.977	1.002	14.813
12/11/2016 7:15:00 AM	292500.000	12.507	17.687
28.507	6025.049	7003.215	3.883
4762.186	165.974	1.002	14.814
12/11/2016 7:20:00 AM	292800.000	12.502	17.687
28.495	6025.313	7003.562	3.883
4762.422	165.966	1.002	14.814

12/11/2016 7:25:00 AM	293100.000	12.501	17.687
28.495	6025.086	7003.258	3.883
4762.216	165.973	1.002	14.815
12/11/2016 7:30:00 AM	293400.000	12.504	17.687
28.501	6027.480	7006.135	3.884
4764.172	165.907	1.002	14.815
12/11/2016 7:35:00 AM	293700.000	12.503	17.687
28.499	6026.718	7005.196	3.884
4763.534	165.928	1.002	14.816
12/11/2016 7:40:00 AM	294000.000	12.503	17.687
28.497	6026.813	7005.347	3.884
4763.637	165.925	1.002	14.816
12/11/2016 7:45:00 AM	294300.000	12.498	17.687
28.488	6026.333	7004.708	3.883
4763.201	165.938	1.002	14.817
12/11/2016 7:50:00 AM	294600.000	12.506	17.687
28.506	6026.739	7005.273	3.884
4763.585	165.927	1.002	14.815
12/11/2016 7:55:00 AM	294900.000	12.509	17.687
28.513	6026.702	7005.163	3.884
4763.511	165.928	1.002	14.813
12/11/2016 8:00:00 AM	295200.000	12.505	17.687
28.504	6026.671	7005.141	3.884
4763.496	165.929	1.002	14.810
12/11/2016 8:05:00 AM	295500.000	12.512	17.687
28.519	6027.559	7006.186	3.884
4764.207	165.905	1.002	14.812
12/11/2016 8:10:00 AM	295800.000	12.506	17.687
28.504	6027.103	7005.628	3.884
4763.827	165.917	1.002	14.814
12/11/2016 8:15:00 AM	296100.000	12.506	17.687
28.505	6026.649	7005.116	3.884
4763.479	165.930	1.002	14.816
12/11/2016 8:20:00 AM	296400.000	12.512	17.687
28.518	6028.319	7007.110	3.885
4764.835	165.884	1.002	14.816
12/11/2016 8:25:00 AM	296700.000	12.515	17.687
28.524	6027.536	7006.174	3.884
4764.198	165.905	1.002	14.816
12/11/2016 8:30:00 AM	297000.000	12.513	17.687
28.522	6028.144	7006.853	3.885
4764.660	165.889	1.002	14.816
12/11/2016 8:35:00 AM	297300.000	12.512	17.687
28.519	6029.194	7008.004	3.885
4765.443	165.860	1.002	14.816
12/11/2016 8:40:00 AM	297600.000	12.510	17.687
28.513	6028.390	7007.099	3.885
4764.827	165.882	1.002	14.815
12/11/2016 8:45:00 AM	297900.000	12.514	17.687
28.522	6029.177	7008.121	3.885
4765.522	165.860	1.002	14.814
12/11/2016 8:50:00 AM	298200.000	12.511	17.687
28.517	6027.618	7006.172	3.884
4764.197	165.903	1.002	14.816

12/11/2016 8:55:00 AM	298500.000	12.505	17.687
28.504	6028.874	7007.661	3.885
4765.209	165.868	1.002	14.818
12/11/2016 9:00:00 AM	298800.000	12.505	17.687
28.504	6029.978	7008.984	3.886
4766.109	165.838	1.002	14.820
12/11/2016 9:05:00 AM	299100.000	12.506	17.687
28.505	6028.447	7007.218	3.885
4764.909	165.880	1.002	14.820
12/11/2016 9:10:00 AM	299400.000	12.510	17.687
28.514	6029.182	7008.101	3.885
4765.509	165.860	1.002	14.820
12/11/2016 9:15:00 AM	299700.000	12.513	17.687
28.522	6029.045	7007.886	3.885
4765.363	165.864	1.002	14.820
12/11/2016 9:20:00 AM	300000.000	12.510	17.687
28.515	6029.236	7008.150	3.885
4765.542	165.858	1.002	14.822
12/11/2016 9:25:00 AM	300300.000	12.504	17.687
28.501	6029.552	7008.476	3.886
4765.764	165.850	1.002	14.824
12/11/2016 9:30:00 AM	300600.000	12.505	17.687
28.503	6028.125	7006.805	3.885
4764.627	165.889	1.002	14.826
12/11/2016 9:35:00 AM	300900.000	12.506	17.687
28.506	6029.346	7008.236	3.885
4765.601	165.855	1.002	14.825
12/11/2016 9:40:00 AM	301200.000	12.507	17.687
28.508	6030.535	7009.617	3.886
4766.540	165.823	1.002	14.825
12/11/2016 9:45:00 AM	301500.000	12.505	17.687
28.503	6030.894	7010.077	3.887
4766.853	165.813	1.002	14.824
12/11/2016 9:50:00 AM	301800.000	12.507	17.687
28.508	6028.512	7007.334	3.885
4764.987	165.878	1.002	14.823
12/11/2016 9:55:00 AM	302100.000	12.511	17.687
28.517	6028.823	7007.655	3.885
4765.206	165.870	1.002	14.823
12/11/2016 10:00:00 AM	302400.000	12.508	17.687
28.510	6030.132	7009.191	3.886
4766.250	165.834	1.002	14.822
12/11/2016 10:05:00 AM	302700.000	12.511	17.687
28.517	6029.452	7008.347	3.886
4765.676	165.853	1.002	14.821
12/11/2016 10:10:00 AM	303000.000	12.510	17.687
28.515	6029.557	7008.536	3.886
4765.805	165.850	1.002	14.820
12/11/2016 10:15:00 AM	303300.000	12.511	17.687
28.517	6028.579	7007.385	3.885
4765.022	165.877	1.002	14.820
12/11/2016 10:20:00 AM	303600.000	12.515	17.687
28.526	6028.183	7006.829	3.885
4764.644	165.887	1.002	14.819

12/11/2016 10:25:00 AM	303900.000	12.516	17.687
28.528	6029.198	7008.038	3.885
4765.466	165.860	1.002	14.819
12/11/2016 10:30:00 AM	304200.000	12.515	17.687
28.526	6029.113	7007.938	3.885
4765.398	165.862	1.002	14.818
12/11/2016 10:35:00 AM	304500.000	12.507	17.687
28.508	6028.426	7007.181	3.885
4764.883	165.881	1.002	14.819
12/11/2016 10:40:00 AM	304800.000	12.512	17.687
28.518	6029.747	7008.676	3.886
4765.899	165.844	1.002	14.820
12/11/2016 10:45:00 AM	305100.000	12.511	17.687
28.515	6029.209	7008.091	3.885
4765.502	165.859	1.002	14.821
12/11/2016 10:50:00 AM	305400.000	12.515	17.687
28.526	6030.703	7009.772	3.886
4766.646	165.818	1.002	14.820
12/11/2016 10:55:00 AM	305700.000	12.515	17.687
28.526	6029.097	7008.028	3.885
4765.459	165.862	1.002	14.819
12/11/2016 11:00:00 AM	306000.000	12.510	17.687
28.513	6028.512	7007.226	3.885
4764.914	165.878	1.002	14.818
12/11/2016 11:05:00 AM	306300.000	12.514	17.687
28.522	6028.854	7007.706	3.885
4765.240	165.869	1.002	14.818
12/11/2016 11:10:00 AM	306600.000	12.510	17.687
28.515	6029.200	7008.040	3.885
4765.468	165.859	1.002	14.819
12/11/2016 11:15:00 AM	306900.000	12.513	17.687
28.522	6028.979	7007.810	3.885
4765.311	165.866	1.002	14.819
12/11/2016 11:20:00 AM	307200.000	12.512	17.687
28.519	6031.488	7010.767	3.887
4767.322	165.797	1.002	14.816
12/11/2016 11:25:00 AM	307500.000	12.514	17.687
28.524	6029.647	7008.574	3.886
4765.831	165.847	1.002	14.814
12/11/2016 11:30:00 AM	307800.000	12.512	17.687
28.518	6029.187	7008.132	3.885
4765.531	165.860	1.002	14.812
12/11/2016 11:35:00 AM	308100.000	12.514	17.687
28.523	6028.695	7007.521	3.885
4765.114	165.873	1.002	14.813
12/11/2016 11:40:00 AM	308400.000	12.511	17.686
28.518	6028.970	7007.895	3.885
4765.369	165.866	1.002	14.814
12/11/2016 11:45:00 AM	308700.000	12.511	17.687
28.516	6028.994	7007.815	3.885
4765.314	165.865	1.002	14.816
12/11/2016 11:50:00 AM	309000.000	12.514	17.687
28.523	6029.761	7008.773	3.886
4765.966	165.844	1.002	14.816

12/11/2016 11:55:00 AM	309300.000	12.512	17.688
28.518	6029.165	7007.958	3.885
4765.412	165.860	1.002	14.816
12/11/2016 12:00:00 PM	309600.000	12.510	17.687
28.513	6030.271	7009.257	3.886
4766.295	165.830	1.002	14.816
12/11/2016 12:05:00 PM	309900.000	12.510	17.687
28.514	6028.930	7007.779	3.885
4765.290	165.867	1.002	14.813
12/11/2016 12:10:00 PM	310200.000	12.509	17.687
28.512	6028.338	7007.064	3.885
4764.804	165.883	1.002	14.809
12/11/2016 12:15:00 PM	310500.000	12.517	17.687
28.529	6027.001	7005.537	3.884
4763.765	165.920	1.002	14.806
12/11/2016 12:20:00 PM	310800.000	12.510	17.687
28.513	6027.553	7006.151	3.884
4764.184	165.905	1.002	14.806
12/11/2016 12:25:00 PM	311100.000	12.515	17.687
28.525	6027.798	7006.492	3.884
4764.415	165.898	1.002	14.806
12/11/2016 12:30:00 PM	311400.000	12.508	17.687
28.511	6029.066	7007.938	3.885
4765.397	165.863	1.002	14.806
12/11/2016 12:35:00 PM	311700.000	12.513	17.687
28.521	6029.047	7007.916	3.885
4765.383	165.864	1.002	14.806
12/11/2016 12:40:00 PM	312000.000	12.512	17.687
28.519	6027.447	7006.029	3.884
4764.100	165.908	1.002	14.805
12/11/2016 12:45:00 PM	312300.000	12.509	17.687
28.512	6026.509	7004.926	3.884
4763.351	165.934	1.002	14.805
12/11/2016 12:50:00 PM	312600.000	12.510	17.687
28.513	6028.052	7006.732	3.885
4764.578	165.891	1.002	14.803
12/11/2016 12:55:00 PM	312900.000	12.514	17.687
28.523	6026.251	7004.681	3.883
4763.183	165.941	1.002	14.801
12/11/2016 1:00:00 PM	313200.000	12.517	17.688
28.530	6026.692	7005.084	3.884
4763.458	165.928	1.002	14.799
12/11/2016 1:05:00 PM	313500.000	12.516	17.687
28.529	6026.554	7005.046	3.884
4763.432	165.932	1.002	14.798
12/11/2016 1:10:00 PM	313800.000	12.511	17.687
28.516	6028.887	7007.662	3.885
4765.210	165.868	1.002	14.798
12/11/2016 1:15:00 PM	314100.000	12.512	17.687
28.519	6026.274	7004.639	3.883
4763.155	165.940	1.002	14.798
12/11/2016 1:20:00 PM	314400.000	12.517	17.687
28.529	6027.193	7005.679	3.884
4763.862	165.915	1.002	14.799

12/11/2016 1:25:00 PM	314700.000	12.513	17.687
28.520	6028.025	7006.742	3.885
4764.585	165.892	1.002	14.799
12/11/2016 1:30:00 PM	315000.000	12.518	17.687
28.533	6027.002	7005.567	3.884
4763.786	165.920	1.002	14.800
12/11/2016 1:35:00 PM	315300.000	12.513	17.687
28.521	6026.468	7004.917	3.884
4763.344	165.935	1.002	14.801
12/11/2016 1:40:00 PM	315600.000	12.515	17.686
28.525	6027.121	7005.746	3.884
4763.907	165.917	1.002	14.802
12/11/2016 1:45:00 PM	315900.000	12.513	17.687
28.521	6026.137	7004.548	3.883
4763.093	165.944	1.002	14.803
12/11/2016 1:50:00 PM	316200.000	12.510	17.687
28.515	6026.915	7005.425	3.884
4763.689	165.922	1.002	14.802
12/11/2016 1:55:00 PM	316500.000	12.515	17.687
28.525	6026.312	7004.724	3.883
4763.212	165.939	1.002	14.801
12/11/2016 2:00:00 PM	316800.000	12.516	17.687
28.527	6027.673	7006.319	3.884
4764.297	165.901	1.002	14.799
12/11/2016 2:05:00 PM	317100.000	12.515	17.687
28.526	6026.707	7005.167	3.884
4763.515	165.928	1.002	14.801
12/11/2016 2:10:00 PM	317400.000	12.514	17.687
28.524	6026.682	7005.181	3.884
4763.523	165.929	1.002	14.802
12/11/2016 2:15:00 PM	317700.000	12.516	17.687
28.528	6025.732	7003.995	3.883
4762.717	165.955	1.002	14.803
12/11/2016 2:20:00 PM	318000.000	12.516	17.687
28.528	6025.340	7003.621	3.883
4762.462	165.966	1.002	14.804
12/11/2016 2:25:00 PM	318300.000	12.511	17.687
28.516	6025.829	7004.174	3.883
4762.839	165.952	1.002	14.806
12/11/2016 2:30:00 PM	318600.000	12.510	17.686
28.514	6025.417	7003.765	3.883
4762.561	165.964	1.002	14.807
12/11/2016 2:35:00 PM	318900.000	12.515	17.687
28.525	6026.728	7005.234	3.884
4763.560	165.928	1.002	14.805
12/11/2016 2:40:00 PM	319200.000	12.514	17.687
28.523	6026.417	7004.831	3.883
4763.285	165.936	1.002	14.804
12/11/2016 2:45:00 PM	319500.000	12.515	17.687
28.525	6025.034	7003.211	3.883
4762.184	165.974	1.002	14.802
12/11/2016 2:50:00 PM	319800.000	12.512	17.687
28.518	6025.362	7003.661	3.883
4762.489	165.965	1.002	14.804

12/11/2016 2:55:00 PM	320100.000	12.508	17.687
28.510	6024.587	7002.678	3.882
4761.822	165.986	1.002	14.807
12/11/2016 3:00:00 PM	320400.000	12.512	17.688
28.518	6025.788	7004.003	3.883
4762.723	165.953	1.002	14.809
12/11/2016 3:05:00 PM	320700.000	12.514	17.687
28.523	6023.913	7001.948	3.882
4761.325	166.005	1.002	14.807
12/11/2016 3:10:00 PM	321000.000	12.515	17.687
28.525	6026.896	7005.415	3.884
4763.682	165.923	1.002	14.805
12/11/2016 3:15:00 PM	321300.000	12.512	17.687
28.518	6023.587	7001.569	3.882
4761.067	166.014	1.002	14.803
12/11/2016 3:20:00 PM	321600.000	12.510	17.687
28.515	6025.727	7004.002	3.883
4762.722	165.955	1.002	14.804
12/11/2016 3:25:00 PM	321900.000	12.513	17.687
28.522	6025.822	7004.100	3.883
4762.788	165.952	1.002	14.804
12/11/2016 3:30:00 PM	322200.000	12.516	17.687
28.529	6022.933	7000.741	3.881
4760.504	166.032	1.002	14.804
12/11/2016 3:35:00 PM	322500.000	12.514	17.688
28.524	6025.416	7003.600	3.883
4762.448	165.964	1.002	14.805
12/11/2016 3:40:00 PM	322800.000	12.518	17.687
28.532	6024.366	7002.421	3.882
4761.647	165.993	1.002	14.805
12/11/2016 3:45:00 PM	323100.000	12.513	17.687
28.520	6025.256	7003.470	3.883
4762.360	165.968	1.002	14.805
12/11/2016 3:50:00 PM	323400.000	12.518	17.687
28.533	6023.705	7001.652	3.882
4761.124	166.011	1.002	14.804
12/11/2016 3:55:00 PM	323700.000	12.516	17.687
28.528	6022.991	7000.837	3.881
4760.569	166.030	1.002	14.803
12/11/2016 4:00:00 PM	324000.000	12.518	17.687
28.532	6023.010	7000.885	3.881
4760.603	166.030	1.002	14.802
12/11/2016 4:05:00 PM	324300.000	12.516	17.687
28.528	6024.352	7002.404	3.882
4761.635	165.993	1.002	14.802
12/11/2016 4:10:00 PM	324600.000	12.521	17.687
28.538	6021.327	6998.982	3.880
4759.308	166.076	1.002	14.801
12/11/2016 4:15:00 PM	324900.000	12.521	17.687
28.539	6021.735	6999.457	3.880
4759.631	166.065	1.002	14.801
12/11/2016 4:20:00 PM	325200.000	12.522	17.686
28.541	6021.703	6999.459	3.880
4759.633	166.066	1.002	14.801

12/11/2016 4:25:00 PM	325500.000	12.521	17.687
28.539	6020.797	6998.298	3.880
4758.843	166.091	1.002	14.800
12/11/2016 4:30:00 PM	325800.000	12.521	17.687
28.540	6021.723	6999.402	3.880
4759.594	166.065	1.002	14.799
12/11/2016 4:35:00 PM	326100.000	12.520	17.688
28.537	6020.448	6997.825	3.879
4758.521	166.101	1.002	14.799
12/11/2016 4:40:00 PM	326400.000	12.515	17.687
28.525	6020.156	6997.499	3.879
4758.299	166.109	1.002	14.800
12/11/2016 4:45:00 PM	326700.000	12.513	17.687
28.521	6019.357	6996.639	3.879
4757.715	166.131	1.002	14.800
12/11/2016 4:50:00 PM	327000.000	12.519	17.687
28.534	6019.123	6996.353	3.878
4757.520	166.137	1.002	14.799
12/11/2016 4:55:00 PM	327300.000	12.520	17.687
28.538	6019.241	6996.517	3.879
4757.632	166.134	1.002	14.798
12/11/2016 5:00:00 PM	327600.000	12.516	17.687
28.528	6019.773	6997.150	3.879
4758.063	166.119	1.002	14.797
12/11/2016 5:05:00 PM	327900.000	12.516	17.687
28.528	6019.072	6996.320	3.878
4757.498	166.139	1.002	14.795
12/11/2016 5:10:00 PM	328200.000	12.522	17.687
28.541	6021.127	6998.682	3.880
4759.104	166.082	1.002	14.793
12/11/2016 5:15:00 PM	328500.000	12.523	17.687
28.543	6019.255	6996.507	3.879
4757.625	166.133	1.002	14.791
12/11/2016 5:20:00 PM	328800.000	12.519	17.687
28.535	6020.167	6997.541	3.879
4758.329	166.108	1.002	14.792
12/11/2016 5:25:00 PM	329100.000	12.519	17.687
28.534	6018.957	6996.105	3.878
4757.352	166.142	1.002	14.793
12/11/2016 5:30:00 PM	329400.000	12.517	17.687
28.529	6019.158	6996.421	3.878
4757.566	166.136	1.002	14.794
12/11/2016 5:35:00 PM	329700.000	12.519	17.687
28.534	6018.510	6995.682	3.878
4757.064	166.154	1.002	14.794
12/11/2016 5:40:00 PM	330000.000	12.521	17.687
28.539	6019.306	6996.565	3.879
4757.665	166.132	1.002	14.794
12/11/2016 5:45:00 PM	330300.000	12.517	17.686
28.531	6018.635	6995.909	3.878
4757.218	166.151	1.002	14.794
12/11/2016 5:50:00 PM	330600.000	12.515	17.687
28.526	6019.633	6996.960	3.879
4757.933	166.123	1.002	14.795

12/11/2016 5:55:00 PM	330900.000	12.521	17.687
28.539	6017.826	6994.872	3.878
4756.514	166.173	1.002	14.796
12/11/2016 6:00:00 PM	331200.000	12.521	17.687
28.539	6017.111	6994.015	3.877
4755.931	166.193	1.002	14.797
12/11/2016 6:05:00 PM	331500.000	12.521	17.687
28.540	6019.244	6996.468	3.879
4757.599	166.134	1.002	14.798
12/11/2016 6:10:00 PM	331800.000	12.521	17.687
28.539	6018.094	6995.172	3.878
4756.717	166.166	1.002	14.799
12/11/2016 6:15:00 PM	332100.000	12.518	17.687
28.533	6017.066	6993.951	3.877
4755.887	166.194	1.002	14.800
12/11/2016 6:20:00 PM	332400.000	12.516	17.687
28.528	6018.212	6995.336	3.878
4756.829	166.162	1.002	14.800
12/11/2016 6:25:00 PM	332700.000	12.518	17.688
28.533	6017.521	6994.423	3.877
4756.208	166.181	1.002	14.800
12/11/2016 6:30:00 PM	333000.000	12.514	17.687
28.523	6016.650	6993.438	3.877
4755.539	166.205	1.002	14.800
12/11/2016 6:35:00 PM	333300.000	12.520	17.687
28.537	6017.600	6994.597	3.877
4756.326	166.179	1.002	14.798
12/11/2016 6:40:00 PM	333600.000	12.518	17.687
28.532	6016.839	6993.644	3.877
4755.679	166.200	1.002	14.796
12/11/2016 6:45:00 PM	333900.000	12.522	17.688
28.542	6015.887	6992.511	3.876
4754.908	166.227	1.002	14.794
12/11/2016 6:50:00 PM	334200.000	12.516	17.687
28.528	6019.021	6996.223	3.878
4757.432	166.140	1.002	14.793
12/11/2016 6:55:00 PM	334500.000	12.517	17.687
28.530	6015.460	6992.095	3.876
4754.625	166.238	1.002	14.792
12/11/2016 7:00:00 PM	334800.000	12.522	17.687
28.541	6015.420	6992.117	3.876
4754.640	166.239	1.002	14.791
12/11/2016 7:05:00 PM	335100.000	12.518	17.687
28.532	6015.346	6991.936	3.876
4754.517	166.241	1.002	14.792
12/11/2016 7:10:00 PM	335400.000	12.521	17.687
28.540	6017.015	6993.930	3.877
4755.873	166.195	1.002	14.792
12/11/2016 7:15:00 PM	335700.000	12.526	17.687
28.550	6015.475	6992.058	3.876
4754.600	166.238	1.002	14.793
12/11/2016 7:20:00 PM	336000.000	12.524	17.686
28.545	6016.335	6993.220	3.877
4755.390	166.214	1.002	14.795

12/11/2016 7:25:00 PM	336300.000	12.518	17.687
28.532	6014.653	6991.117	3.875
4753.959	166.261	1.002	14.797
12/11/2016 7:30:00 PM	336600.000	12.517	17.687
28.530	6015.407	6992.102	3.876
4754.629	166.240	1.002	14.799
12/11/2016 7:35:00 PM	336900.000	12.518	17.687
28.533	6015.027	6991.606	3.876
4754.292	166.250	1.002	14.798
12/11/2016 7:40:00 PM	337200.000	12.520	17.687
28.536	6014.517	6990.987	3.875
4753.872	166.264	1.002	14.796
12/11/2016 7:45:00 PM	337500.000	12.516	17.687
28.527	6014.686	6991.184	3.875
4754.005	166.260	1.002	14.795
12/11/2016 7:50:00 PM	337800.000	12.521	17.687
28.540	6013.875	6990.295	3.875
4753.401	166.282	1.002	14.794
12/11/2016 7:55:00 PM	338100.000	12.520	17.687
28.537	6013.556	6989.855	3.875
4753.102	166.291	1.002	14.793
12/11/2016 8:00:00 PM	338400.000	12.520	17.687
28.537	6015.274	6991.879	3.876
4754.478	166.243	1.002	14.792
12/11/2016 8:05:00 PM	338700.000	12.522	17.687
28.540	6014.346	6990.800	3.875
4753.745	166.269	1.002	14.794
12/11/2016 8:10:00 PM	339000.000	12.519	17.688
28.535	6012.662	6988.762	3.874
4752.358	166.316	1.002	14.795
12/11/2016 8:15:00 PM	339300.000	12.516	17.687
28.527	6015.878	6992.570	3.876
4754.948	166.227	1.002	14.797
12/11/2016 8:20:00 PM	339600.000	12.515	17.687
28.525	6014.792	6991.278	3.875
4754.069	166.257	1.002	14.797
12/11/2016 8:25:00 PM	339900.000	12.519	17.687
28.535	6013.481	6989.783	3.875
4753.053	166.293	1.002	14.798
12/11/2016 8:30:00 PM	340200.000	12.516	17.687
28.528	6013.052	6989.324	3.874
4752.740	166.305	1.002	14.798
12/11/2016 8:35:00 PM	340500.000	12.516	17.687
28.528	6013.737	6990.066	3.875
4753.245	166.286	1.002	14.798
12/11/2016 8:40:00 PM	340800.000	12.519	17.687
28.534	6011.798	6987.853	3.873
4751.740	166.340	1.002	14.798
12/11/2016 8:45:00 PM	341100.000	12.514	17.687
28.522	6012.717	6988.921	3.874
4752.467	166.314	1.002	14.798
12/11/2016 8:50:00 PM	341400.000	12.518	17.687
28.533	6012.813	6989.007	3.874
4752.525	166.311	1.002	14.796

12/11/2016 8:55:00 PM	341700.000	12.517	17.687
28.531	6011.970	6988.066	3.874
4751.885	166.335	1.002	14.793
12/11/2016 9:00:00 PM	342000.000	12.529	17.687
28.557	6012.834	6989.058	3.874
4752.560	166.311	1.002	14.790
12/11/2016 9:05:00 PM	342300.000	12.522	17.687
28.542	6013.294	6989.633	3.874
4752.951	166.298	1.002	14.791
12/11/2016 9:10:00 PM	342600.000	12.522	17.687
28.542	6013.066	6989.327	3.874
4752.743	166.305	1.002	14.792
12/11/2016 9:15:00 PM	342900.000	12.525	17.687
28.549	6010.745	6986.614	3.873
4750.898	166.369	1.002	14.793
12/11/2016 9:20:00 PM	343200.000	12.522	17.687
28.542	6011.163	6987.074	3.873
4751.210	166.357	1.002	14.794
12/11/2016 9:25:00 PM	343500.000	12.517	17.687
28.530	6011.431	6987.439	3.873
4751.458	166.350	1.002	14.794
12/11/2016 9:30:00 PM	343800.000	12.523	17.687
28.543	6011.822	6987.867	3.873
4751.750	166.339	1.002	14.795
12/11/2016 9:35:00 PM	344100.000	12.523	17.687
28.544	6010.906	6986.761	3.873
4750.998	166.364	1.002	14.793
12/11/2016 9:40:00 PM	344400.000	12.524	17.687
28.547	6009.786	6985.459	3.872
4750.112	166.395	1.002	14.791
12/11/2016 9:45:00 PM	344700.000	12.523	17.687
28.543	6009.638	6985.383	3.872
4750.061	166.399	1.002	14.789
12/11/2016 9:50:00 PM	345000.000	12.525	17.687
28.548	6010.291	6986.047	3.872
4750.512	166.381	1.002	14.791
12/11/2016 9:55:00 PM	345300.000	12.522	17.687
28.542	6011.686	6987.696	3.873
4751.634	166.343	1.002	14.792
12/11/2016 10:00:00 PM	345600.000	12.524	17.687
28.547	6008.628	6984.222	3.871
4749.271	166.427	1.002	14.794
12/11/2016 10:05:00 PM	345900.000	12.526	17.687
28.552	6009.926	6985.623	3.872
4750.224	166.391	1.002	14.793
12/11/2016 10:10:00 PM	346200.000	12.523	17.687
28.543	6009.564	6985.243	3.872
4749.965	166.401	1.002	14.792
12/11/2016 10:15:00 PM	346500.000	12.523	17.687
28.545	6008.649	6984.153	3.871
4749.224	166.427	1.002	14.792
12/11/2016 10:20:00 PM	346800.000	12.531	17.687
28.562	6009.777	6985.517	3.872
4750.152	166.396	1.002	14.791

12/11/2016 10:25:00 PM	347100.000	12.526	17.687
28.551	6008.243	6983.749	3.871
4748.950	166.438	1.002	14.791
12/11/2016 10:30:00 PM	347400.000	12.532	17.687
28.564	6009.759	6985.510	3.872
4750.147	166.396	1.002	14.791
12/11/2016 10:35:00 PM	347700.000	12.523	17.687
28.544	6008.700	6984.184	3.871
4749.245	166.425	1.002	14.794
12/11/2016 10:40:00 PM	348000.000	12.525	17.687
28.549	6008.287	6983.746	3.871
4748.948	166.437	1.002	14.796
12/11/2016 10:45:00 PM	348300.000	12.519	17.688
28.534	6008.705	6984.176	3.871
4749.240	166.425	1.002	14.799
12/11/2016 10:50:00 PM	348600.000	12.525	17.686
28.549	6007.978	6983.494	3.871
4748.776	166.445	1.002	14.798
12/11/2016 10:55:00 PM	348900.000	12.526	17.687
28.550	6007.721	6983.088	3.871
4748.500	166.452	1.002	14.796
12/11/2016 11:00:00 PM	349200.000	12.523	17.688
28.544	6010.301	6986.031	3.872
4750.501	166.381	1.002	14.795
12/11/2016 11:05:00 PM	349500.000	12.524	17.687
28.546	6007.936	6983.364	3.871
4748.688	166.447	1.002	14.795
12/11/2016 11:10:00 PM	349800.000	12.528	17.687
28.556	6008.032	6983.503	3.871
4748.783	166.444	1.002	14.794
12/11/2016 11:15:00 PM	350100.000	12.528	17.687
28.554	6006.391	6981.500	3.870
4747.420	166.489	1.002	14.794
12/11/2016 11:20:00 PM	350400.000	12.523	17.687
28.545	6007.691	6983.065	3.871
4748.484	166.453	1.002	14.795
12/11/2016 11:25:00 PM	350700.000	12.529	17.687
28.558	6008.193	6983.637	3.871
4748.874	166.439	1.002	14.796
12/11/2016 11:30:00 PM	351000.000	12.527	17.687
28.553	6006.434	6981.660	3.870
4747.529	166.488	1.002	14.797
12/11/2016 11:35:00 PM	351300.000	12.525	17.687
28.548	6008.078	6983.475	3.871
4748.763	166.443	1.002	14.797
12/11/2016 11:40:00 PM	351600.000	12.521	17.687
28.540	6007.308	6982.662	3.870
4748.210	166.464	1.002	14.797
12/11/2016 11:45:00 PM	351900.000	12.525	17.687
28.547	6006.668	6981.850	3.870
4747.658	166.482	1.002	14.796
12/11/2016 11:50:00 PM	352200.000	12.532	17.687
28.564	6007.682	6983.068	3.871
4748.486	166.454	1.002	14.794

12/11/2016 11:55:00 PM	352500.000	12.531	17.687
28.562	6005.987	6981.111	3.869
4747.156	166.501	1.002	14.793
12/12/2016 12:00:00 AM	352800.000	12.528	17.687
28.556	6006.703	6981.972	3.870
4747.741	166.481	1.002	14.791
12/12/2016 12:05:00 AM	353100.000	12.526	17.687
28.550	6005.488	6980.532	3.869
4746.762	166.514	1.002	14.794
12/12/2016 12:10:00 AM	353400.000	12.527	17.687
28.554	6006.736	6982.023	3.870
4747.776	166.480	1.002	14.797
12/12/2016 12:15:00 AM	353700.000	12.519	17.687
28.536	6006.138	6981.274	3.870
4747.266	166.496	1.002	14.799
12/12/2016 12:20:00 AM	354000.000	12.523	17.687
28.543	6005.552	6980.567	3.869
4746.786	166.513	1.002	14.796
12/12/2016 12:25:00 AM	354300.000	12.524	17.687
28.547	6006.000	6981.073	3.869
4747.129	166.500	1.002	14.793
12/12/2016 12:30:00 AM	354600.000	12.529	17.687
28.558	6006.147	6981.285	3.870
4747.274	166.496	1.002	14.790
12/12/2016 12:35:00 AM	354900.000	12.527	17.687
28.553	6005.263	6980.270	3.869
4746.584	166.521	1.002	14.792
12/12/2016 12:40:00 AM	355200.000	12.523	17.687
28.543	6005.305	6980.333	3.869
4746.626	166.519	1.002	14.793
12/12/2016 12:45:00 AM	355500.000	12.523	17.687
28.544	6007.061	6982.347	3.870
4747.996	166.471	1.002	14.795
12/12/2016 12:50:00 AM	355800.000	12.526	17.687
28.550	6006.885	6982.155	3.870
4747.866	166.476	1.002	14.796
12/12/2016 12:55:00 AM	356100.000	12.526	17.687
28.550	6004.774	6979.648	3.869
4746.162	166.534	1.002	14.797
12/12/2016 1:00:00 AM	356400.000	12.524	17.687
28.546	6005.212	6980.198	3.869
4746.535	166.522	1.002	14.798
12/12/2016 1:05:00 AM	356700.000	12.526	17.687
28.550	6005.224	6980.186	3.869
4746.527	166.522	1.002	14.798
12/12/2016 1:10:00 AM	357000.000	12.521	17.687
28.540	6004.337	6979.208	3.868
4745.861	166.546	1.002	14.797
12/12/2016 1:15:00 AM	357300.000	12.523	17.687
28.543	6005.425	6980.458	3.869
4746.712	166.516	1.002	14.797
12/12/2016 1:20:00 AM	357600.000	12.527	17.687
28.553	6004.180	6979.011	3.868
4745.728	166.551	1.002	14.796

12/12/2016 1:25:00 AM	357900.000	12.523	17.687
28.543	6004.306	6979.186	3.868
4745.846	166.547	1.002	14.795
12/12/2016 1:30:00 AM	358200.000	12.527	17.687
28.552	6004.978	6979.938	3.869
4746.358	166.529	1.002	14.794
12/12/2016 1:35:00 AM	358500.000	12.522	17.687
28.541	6004.400	6979.295	3.868
4745.921	166.545	1.002	14.794
12/12/2016 1:40:00 AM	358800.000	12.527	17.687
28.553	6005.690	6980.728	3.869
4746.896	166.509	1.002	14.794
12/12/2016 1:45:00 AM	359100.000	12.527	17.687
28.552	6005.726	6980.741	3.869
4746.904	166.508	1.002	14.794
12/12/2016 1:50:00 AM	359400.000	12.529	17.687
28.557	6005.669	6980.714	3.869
4746.886	166.509	1.002	14.792
12/12/2016 1:55:00 AM	359700.000	12.529	17.687
28.558	6003.496	6978.257	3.868
4745.215	166.570	1.002	14.791
12/12/2016 2:00:00 AM	360000.000	12.528	17.687
28.555	6003.658	6978.336	3.868
4745.270	166.565	1.002	14.790
12/12/2016 2:05:00 AM	360300.000	12.527	17.687
28.554	6002.422	6976.929	3.867
4744.312	166.599	1.002	14.789
12/12/2016 2:10:00 AM	360600.000	12.524	17.687
28.547	6004.528	6979.416	3.868
4746.003	166.541	1.002	14.789
12/12/2016 2:15:00 AM	360900.000	12.532	17.687
28.564	6003.390	6978.054	3.868
4745.078	166.573	1.002	14.789
12/12/2016 2:20:00 AM	361200.000	12.530	17.687
28.559	6003.113	6977.786	3.867
4744.895	166.580	1.002	14.792
12/12/2016 2:25:00 AM	361500.000	12.522	17.687
28.541	6003.146	6977.864	3.867
4744.947	166.579	1.002	14.794
12/12/2016 2:30:00 AM	361800.000	12.519	17.687
28.535	6003.296	6977.945	3.868
4745.003	166.575	1.002	14.797
12/12/2016 2:35:00 AM	362100.000	12.519	17.687
28.534	6003.656	6978.402	3.868
4745.313	166.565	1.002	14.796
12/12/2016 2:40:00 AM	362400.000	12.522	17.687
28.541	6002.888	6977.456	3.867
4744.671	166.586	1.002	14.796
12/12/2016 2:45:00 AM	362700.000	12.522	17.687
28.542	6005.392	6980.393	3.869
4746.667	166.517	1.002	14.795
12/12/2016 2:50:00 AM	363000.000	12.525	17.687
28.548	6004.223	6979.061	3.868
4745.761	166.549	1.002	14.795

12/12/2016 2:55:00 AM	363300.000	12.525	17.687
28.548	6004.062	6978.834	3.868
4745.608	166.554	1.002	14.795
12/12/2016 3:00:00 AM	363600.000	12.524	17.687
28.546	6004.776	6979.677	3.869
4746.181	166.534	1.002	14.795
12/12/2016 3:05:00 AM	363900.000	12.524	17.687
28.545	6003.878	6978.607	3.868
4745.453	166.559	1.002	14.792
12/12/2016 3:10:00 AM	364200.000	12.526	17.687
28.551	6004.266	6979.099	3.868
4745.787	166.548	1.002	14.789
12/12/2016 3:15:00 AM	364500.000	12.529	17.687
28.557	6003.583	6978.279	3.868
4745.229	166.567	1.002	14.787
12/12/2016 3:20:00 AM	364800.000	12.527	17.687
28.553	6003.135	6977.757	3.867
4744.875	166.580	1.002	14.789
12/12/2016 3:25:00 AM	365100.000	12.525	17.687
28.549	6002.805	6977.454	3.867
4744.668	166.589	1.002	14.791
12/12/2016 3:30:00 AM	365400.000	12.520	17.687
28.538	6004.052	6978.877	3.868
4745.636	166.554	1.002	14.793
12/12/2016 3:35:00 AM	365700.000	12.523	17.687
28.544	6005.990	6981.103	3.869
4747.150	166.500	1.002	14.792
12/12/2016 3:40:00 AM	366000.000	12.525	17.687
28.548	6005.317	6980.280	3.869
4746.591	166.519	1.002	14.791
12/12/2016 3:45:00 AM	366300.000	12.530	17.687
28.560	6005.156	6980.146	3.869
4746.499	166.524	1.002	14.789
12/12/2016 3:50:00 AM	366600.000	12.531	17.687
28.562	6003.026	6977.710	3.867
4744.843	166.583	1.002	14.789
12/12/2016 3:55:00 AM	366900.000	12.531	17.687
28.563	6004.401	6979.268	3.868
4745.902	166.545	1.002	14.788
12/12/2016 4:00:00 AM	367200.000	12.532	17.687
28.564	6003.977	6978.774	3.868
4745.567	166.556	1.002	14.787
12/12/2016 4:05:00 AM	367500.000	12.526	17.687
28.551	6003.456	6978.169	3.868
4745.155	166.571	1.002	14.787
12/12/2016 4:10:00 AM	367800.000	12.532	17.687
28.565	6003.379	6978.013	3.868
4745.049	166.573	1.002	14.787
12/12/2016 4:15:00 AM	368100.000	12.532	17.687
28.564	6003.112	6977.770	3.867
4744.883	166.580	1.002	14.787
12/12/2016 4:20:00 AM	368400.000	12.527	17.687
28.552	6005.044	6979.977	3.869
4746.385	166.527	1.002	14.788

12/12/2016 4:25:00 AM	368700.000	12.530	17.687
28.559	6004.242	6979.001	3.868
4745.721	166.549	1.002	14.789
12/12/2016 4:30:00 AM	369000.000	12.525	17.687
28.549	6003.785	6978.540	3.868
4745.407	166.562	1.002	14.790
12/12/2016 4:35:00 AM	369300.000	12.528	17.687
28.555	6003.625	6978.284	3.868
4745.233	166.566	1.002	14.793
12/12/2016 4:40:00 AM	369600.000	12.521	17.687
28.540	6005.479	6980.482	3.869
4746.728	166.515	1.002	14.795
12/12/2016 4:45:00 AM	369900.000	12.524	17.687
28.547	6003.838	6978.628	3.868
4745.468	166.560	1.002	14.798
12/12/2016 4:50:00 AM	370200.000	12.525	17.687
28.549	6004.094	6978.898	3.868
4745.651	166.553	1.002	14.794
12/12/2016 4:55:00 AM	370500.000	12.526	17.687
28.552	6005.427	6980.421	3.869
4746.687	166.516	1.002	14.791
12/12/2016 5:00:00 AM	370800.000	12.526	17.687
28.552	6006.009	6981.098	3.869
4747.147	166.500	1.002	14.788
12/12/2016 5:05:00 AM	371100.000	12.529	17.687
28.557	6003.955	6978.764	3.868
4745.560	166.557	1.002	14.788
12/12/2016 5:10:00 AM	371400.000	12.525	17.687
28.548	6002.952	6977.598	3.867
4744.767	166.585	1.002	14.787
12/12/2016 5:15:00 AM	371700.000	12.530	17.687
28.559	6002.878	6977.485	3.867
4744.690	166.587	1.002	14.787
12/12/2016 5:20:00 AM	372000.000	12.527	17.687
28.552	6003.359	6978.030	3.868
4745.061	166.573	1.002	14.786
12/12/2016 5:25:00 AM	372300.000	12.532	17.687
28.565	6004.040	6978.781	3.868
4745.572	166.555	1.002	14.786
12/12/2016 5:30:00 AM	372600.000	12.528	17.687
28.556	6005.895	6980.937	3.869
4747.038	166.503	1.002	14.786
12/12/2016 5:35:00 AM	372900.000	12.525	17.687
28.549	6002.793	6977.413	3.867
4744.641	166.589	1.002	14.788
12/12/2016 5:40:00 AM	373200.000	12.522	17.687
28.541	6003.956	6978.683	3.868
4745.505	166.557	1.002	14.791
12/12/2016 5:45:00 AM	373500.000	12.526	17.687
28.550	6004.020	6978.824	3.868
4745.601	166.555	1.002	14.794
12/12/2016 5:50:00 AM	373800.000	12.528	17.687
28.554	6003.486	6978.245	3.868
4745.207	166.570	1.002	14.794

12/12/2016 5:55:00 AM	374100.000	12.528	17.687
28.555	6004.168	6978.984	3.868
4745.710	166.551	1.002	14.794
12/12/2016 6:00:00 AM	374400.000	12.528	17.687
28.556	6002.888	6977.471	3.867
4744.680	166.586	1.002	14.794
12/12/2016 6:05:00 AM	374700.000	12.526	17.687
28.552	6004.190	6978.956	3.868
4745.690	166.550	1.002	14.794
12/12/2016 6:10:00 AM	375000.000	12.526	17.687
28.552	6005.872	6980.992	3.869
4747.075	166.504	1.002	14.794
12/12/2016 6:15:00 AM	375300.000	12.527	17.687
28.553	6005.733	6980.803	3.869
4746.946	166.508	1.002	14.794
12/12/2016 6:20:00 AM	375600.000	12.529	17.687
28.556	6003.486	6978.219	3.868
4745.189	166.570	1.002	14.794
12/12/2016 6:25:00 AM	375900.000	12.534	17.687
28.570	6005.881	6980.949	3.869
4747.045	166.503	1.002	14.793
12/12/2016 6:30:00 AM	376200.000	12.532	17.687
28.564	6003.593	6978.329	3.868
4745.264	166.567	1.002	14.792
12/12/2016 6:35:00 AM	376500.000	12.533	17.687
28.566	6004.649	6979.529	3.868
4746.080	166.538	1.002	14.793
12/12/2016 6:40:00 AM	376800.000	12.527	17.687
28.552	6003.326	6978.059	3.868
4745.081	166.574	1.002	14.794
12/12/2016 6:45:00 AM	377100.000	12.523	17.687
28.543	6004.807	6979.658	3.869
4746.167	166.533	1.002	14.796
12/12/2016 6:50:00 AM	377400.000	12.527	17.687
28.554	5998.780	6972.667	3.864
4741.414	166.701	1.002	14.796
12/12/2016 6:55:00 AM	377700.000	12.525	17.687
28.547	5990.862	6963.463	3.859
4735.156	166.921	1.002	14.797
12/12/2016 7:00:00 AM	378000.000	12.528	17.687
28.556	5975.682	6945.847	3.849
4723.176	167.345	1.002	14.797
12/12/2016 7:05:00 AM	378300.000	12.530	17.687
28.561	5959.150	6926.617	3.837
4710.100	167.809	1.002	14.795
12/12/2016 7:10:00 AM	378600.000	12.534	17.687
28.568	5944.789	6909.911	3.827
4698.740	168.215	1.002	14.793
12/12/2016 7:15:00 AM	378900.000	12.530	17.688
28.560	5929.485	6892.068	3.817
4686.607	168.649	1.002	14.790
12/12/2016 7:20:00 AM	379200.000	12.535	17.687
28.571	5916.456	6877.017	3.808
4676.372	169.020	1.002	14.792

12/12/2016 7:25:00 AM	379500.000	12.532	17.687
28.564	5904.322	6862.940	3.799
4666.799	169.367	1.002	14.794
12/12/2016 7:30:00 AM	379800.000	12.523	17.687
28.544	5891.301	6847.725	3.790
4656.453	169.742	1.002	14.796
12/12/2016 7:35:00 AM	380100.000	12.530	17.687
28.559	5880.360	6835.061	3.783
4647.842	170.058	1.002	14.793
12/12/2016 7:40:00 AM	380400.000	12.533	17.687
28.567	5869.414	6822.352	3.775
4639.199	170.375	1.002	14.791
12/12/2016 7:45:00 AM	380700.000	12.537	17.688
28.575	5860.146	6811.471	3.769
4631.801	170.644	1.002	14.788
12/12/2016 7:50:00 AM	381000.000	12.532	17.687
28.565	5849.817	6799.548	3.762
4623.693	170.946	1.002	14.790
12/12/2016 7:55:00 AM	381300.000	12.533	17.687
28.568	5837.365	6785.033	3.753
4613.823	171.310	1.002	14.792
12/12/2016 8:00:00 AM	381600.000	12.532	17.687
28.565	5829.134	6775.479	3.748
4607.326	171.552	1.002	14.794
12/12/2016 8:05:00 AM	381900.000	12.532	17.687
28.565	5819.786	6764.653	3.741
4599.964	171.828	1.002	14.796
12/12/2016 8:10:00 AM	382200.000	12.530	17.687
28.560	5811.169	6754.598	3.735
4593.127	172.082	1.002	14.799
12/12/2016 8:15:00 AM	382500.000	12.528	17.688
28.554	5802.278	6744.237	3.729
4586.082	172.346	1.002	14.802
12/12/2016 8:20:00 AM	382800.000	12.527	17.688
28.552	5794.072	6734.699	3.724
4579.596	172.590	1.002	14.801
12/12/2016 8:25:00 AM	383100.000	12.527	17.688
28.553	5785.864	6725.131	3.718
4573.089	172.835	1.002	14.801
12/12/2016 8:30:00 AM	383400.000	12.524	17.688
28.547	5777.982	6715.984	3.713
4566.870	173.071	1.001	14.801
12/12/2016 8:35:00 AM	383700.000	12.524	17.687
28.547	5771.765	6708.810	3.708
4561.991	173.257	1.001	14.802
12/12/2016 8:40:00 AM	384000.000	12.527	17.687
28.554	5763.868	6699.656	3.703
4555.766	173.495	1.001	14.804
12/12/2016 8:45:00 AM	384300.000	12.523	17.687
28.545	5757.035	6691.689	3.698
4550.349	173.701	1.001	14.805
12/12/2016 8:50:00 AM	384600.000	12.523	17.687
28.544	5751.073	6684.810	3.694
4545.671	173.881	1.001	14.806

12/12/2016 8:55:00 AM	384900.000	12.529	17.688
28.557	5743.101	6675.453	3.689
4539.308	174.122	1.001	14.807
12/12/2016 9:00:00 AM	385200.000	12.528	17.687
28.556	5738.458	6670.083	3.686
4535.656	174.263	1.001	14.808
12/12/2016 9:05:00 AM	385500.000	12.526	17.688
28.551	5732.581	6663.187	3.681
4530.967	174.442	1.001	14.808
12/12/2016 9:10:00 AM	385800.000	12.527	17.687
28.554	5725.411	6654.945	3.677
4525.362	174.660	1.001	14.808
12/12/2016 9:15:00 AM	386100.000	12.522	17.688
28.541	5719.670	6648.181	3.673
4520.763	174.835	1.001	14.809
12/12/2016 9:20:00 AM	386400.000	12.522	17.687
28.541	5713.387	6640.928	3.668
4515.832	175.028	1.001	14.810
12/12/2016 9:25:00 AM	386700.000	12.527	17.687
28.553	5707.912	6634.629	3.665
4511.548	175.195	1.001	14.810
12/12/2016 9:30:00 AM	387000.000	12.528	17.687
28.555	5702.331	6628.117	3.661
4507.120	175.367	1.001	14.811
12/12/2016 9:35:00 AM	387300.000	12.525	17.687
28.548	5698.005	6623.177	3.658
4503.761	175.500	1.001	14.810
12/12/2016 9:40:00 AM	387600.000	12.526	17.687
28.551	5692.233	6616.366	3.654
4499.129	175.678	1.001	14.809
12/12/2016 9:45:00 AM	387900.000	12.525	17.687
28.548	5687.805	6611.233	3.651
4495.638	175.815	1.001	14.808
12/12/2016 9:50:00 AM	388200.000	12.526	17.687
28.552	5681.198	6603.526	3.646
4490.397	176.019	1.001	14.811
12/12/2016 9:55:00 AM	388500.000	12.520	17.687
28.538	5678.631	6600.581	3.645
4488.395	176.099	1.001	14.813
12/12/2016 10:00:00 AM	388800.000	12.523	17.687
28.543	5672.952	6593.955	3.641
4483.890	176.275	1.001	14.816
12/12/2016 10:05:00 AM	389100.000	12.518	17.687
28.532	5670.468	6591.106	3.639
4481.953	176.352	1.001	14.814
12/12/2016 10:10:00 AM	389400.000	12.525	17.688
28.548	5663.716	6583.129	3.634
4476.528	176.563	1.001	14.812
12/12/2016 10:15:00 AM	389700.000	12.523	17.687
28.544	5659.823	6578.681	3.632
4473.503	176.684	1.001	14.810
12/12/2016 10:20:00 AM	390000.000	12.525	17.688
28.549	5657.142	6575.527	3.630
4471.359	176.768	1.001	14.810

12/12/2016 10:25:00 AM	390300.000	12.518	17.687
28.533	5654.885	6572.941	3.628
4469.600	176.838	1.001	14.811
12/12/2016 10:30:00 AM	390600.000	12.515	17.687
28.524	5649.650	6566.870	3.625
4465.471	177.002	1.001	14.812
12/12/2016 10:35:00 AM	390900.000	12.517	17.687
28.531	5645.965	6562.601	3.622
4462.569	177.118	1.001	14.812
12/12/2016 10:40:00 AM	391200.000	12.519	17.687
28.535	5642.163	6558.217	3.620
4459.588	177.237	1.001	14.812
12/12/2016 10:45:00 AM	391500.000	12.518	17.687
28.531	5638.516	6553.928	3.617
4456.671	177.352	1.001	14.812
12/12/2016 10:50:00 AM	391800.000	12.518	17.687
28.533	5636.113	6551.109	3.615
4454.754	177.427	1.001	14.812
12/12/2016 10:55:00 AM	392100.000	12.515	17.687
28.525	5634.111	6548.782	3.614
4453.172	177.490	1.001	14.811
12/12/2016 11:00:00 AM	392400.000	12.520	17.687
28.536	5630.974	6545.176	3.612
4450.720	177.589	1.001	14.811
12/12/2016 11:05:00 AM	392700.000	12.517	17.687
28.531	5628.414	6542.160	3.610
4448.669	177.670	1.001	14.810
12/12/2016 11:10:00 AM	393000.000	12.513	17.687
28.522	5624.982	6538.261	3.608
4446.018	177.778	1.001	14.809
12/12/2016 11:15:00 AM	393300.000	12.513	17.687
28.520	5624.181	6537.330	3.607
4445.384	177.804	1.001	14.809
12/12/2016 11:20:00 AM	393600.000	12.513	17.687
28.520	5619.910	6532.326	3.604
4441.982	177.939	1.001	14.806
12/12/2016 11:25:00 AM	393900.000	12.519	17.687
28.535	5617.150	6529.067	3.602
4439.766	178.026	1.001	14.802
12/12/2016 11:30:00 AM	394200.000	12.520	17.687
28.538	5614.806	6526.355	3.601
4437.922	178.101	1.001	14.799
12/12/2016 11:35:00 AM	394500.000	12.519	17.687
28.535	5613.655	6525.018	3.600
4437.012	178.137	1.001	14.799
12/12/2016 11:40:00 AM	394800.000	12.520	17.687
28.538	5612.553	6523.789	3.599
4436.176	178.172	1.001	14.798
12/12/2016 11:45:00 AM	395100.000	12.519	17.687
28.534	5609.253	6519.902	3.597
4433.533	178.277	1.001	14.798
12/12/2016 11:50:00 AM	395400.000	12.519	17.688
28.534	5608.203	6518.655	3.596
4432.686	178.310	1.001	14.797

12/12/2016 11:55:00 AM	395700.000	12.514	17.687
28.524	5605.700	6515.809	3.595
4430.750	178.390	1.001	14.795
12/12/2016 12:00:00 PM	396000.000	12.519	17.688
28.535	5606.843	6517.063	3.595
4431.603	178.354	1.001	14.794
12/12/2016 12:05:00 PM	396300.000	12.517	17.687
28.530	5602.897	6512.551	3.593
4428.535	178.479	1.001	14.789
12/12/2016 12:10:00 PM	396600.000	12.525	17.687
28.549	5601.089	6510.439	3.591
4427.099	178.537	1.001	14.784
12/12/2016 12:15:00 PM	396900.000	12.524	17.687
28.547	5600.751	6510.045	3.591
4426.831	178.547	1.001	14.779
12/12/2016 12:20:00 PM	397200.000	12.522	17.687
28.541	5597.945	6506.785	3.589
4424.614	178.637	1.001	14.781
12/12/2016 12:25:00 PM	397500.000	12.523	17.687
28.544	5598.696	6507.630	3.590
4425.188	178.613	1.001	14.783
12/12/2016 12:30:00 PM	397800.000	12.518	17.687
28.532	5595.975	6504.454	3.588
4423.029	178.700	1.001	14.785
12/12/2016 12:35:00 PM	398100.000	12.514	17.687
28.523	5597.476	6506.199	3.589
4424.215	178.652	1.001	14.784
12/12/2016 12:40:00 PM	398400.000	12.512	17.687
28.519	5593.963	6502.156	3.586
4421.466	178.764	1.001	14.784
12/12/2016 12:45:00 PM	398700.000	12.516	17.687
28.528	5593.020	6501.096	3.586
4420.746	178.794	1.001	14.783
12/12/2016 12:50:00 PM	399000.000	12.517	17.687
28.530	5593.139	6501.198	3.586
4420.815	178.790	1.001	14.781
12/12/2016 12:55:00 PM	399300.000	12.517	17.687
28.531	5593.861	6502.048	3.586
4421.393	178.767	1.001	14.779
12/12/2016 1:00:00 PM	399600.000	12.519	17.687
28.534	5593.512	6501.642	3.586
4421.117	178.779	1.001	14.777
12/12/2016 1:05:00 PM	399900.000	12.517	17.687
28.530	5591.259	6499.013	3.585
4419.329	178.851	1.001	14.780
12/12/2016 1:10:00 PM	400200.000	12.515	17.687
28.526	5592.981	6501.077	3.586
4420.732	178.796	1.001	14.782
12/12/2016 1:15:00 PM	400500.000	12.513	17.687
28.521	5590.119	6497.674	3.584
4418.419	178.887	1.001	14.784
12/12/2016 1:20:00 PM	400800.000	12.510	17.687
28.515	5590.206	6497.824	3.584
4418.521	178.884	1.001	14.781

12/12/2016 1:25:00 PM	401100.000	12.517	17.688
28.531	5591.267	6498.970	3.585
4419.300	178.850	1.001	14.777
12/12/2016 1:30:00 PM	401400.000	12.519	17.687
28.534	5592.353	6500.295	3.585
4420.201	178.816	1.001	14.774
12/12/2016 1:35:00 PM	401700.000	12.517	17.687
28.529	5590.732	6498.450	3.584
4418.946	178.867	1.001	14.779
12/12/2016 1:40:00 PM	402000.000	12.510	17.687
28.515	5590.130	6497.661	3.584
4418.410	178.887	1.001	14.784
12/12/2016 1:45:00 PM	402300.000	12.506	17.687
28.506	5591.033	6498.760	3.584
4419.158	178.858	1.001	14.788
12/12/2016 1:50:00 PM	402600.000	12.507	17.687
28.508	5591.921	6499.769	3.585
4419.843	178.829	1.001	14.787
12/12/2016 1:55:00 PM	402900.000	12.511	17.687
28.517	5590.412	6498.102	3.584
4418.709	178.878	1.001	14.785
12/12/2016 2:00:00 PM	403200.000	12.513	17.687
28.520	5591.359	6499.154	3.585
4419.425	178.847	1.001	14.783
12/12/2016 2:05:00 PM	403500.000	12.514	17.687
28.522	5590.419	6498.047	3.584
4418.672	178.877	1.001	14.781
12/12/2016 2:10:00 PM	403800.000	12.515	17.687
28.525	5589.670	6497.190	3.584
4418.089	178.901	1.001	14.779
12/12/2016 2:15:00 PM	404100.000	12.510	17.687
28.514	5589.500	6496.942	3.583
4417.920	178.907	1.001	14.777
12/12/2016 2:20:00 PM	404400.000	12.507	17.687
28.508	5591.900	6499.718	3.585
4419.809	178.830	1.001	14.778
12/12/2016 2:25:00 PM	404700.000	12.510	17.687
28.513	5590.126	6497.707	3.584
4418.441	178.887	1.001	14.780
12/12/2016 2:30:00 PM	405000.000	12.508	17.687
28.510	5591.524	6499.357	3.585
4419.563	178.842	1.001	14.781
12/12/2016 2:35:00 PM	405300.000	12.510	17.687
28.513	5590.799	6498.438	3.584
4418.938	178.865	1.001	14.779
12/12/2016 2:40:00 PM	405600.000	12.511	17.687
28.515	5591.058	6498.803	3.585
4419.186	178.857	1.001	14.778
12/12/2016 2:45:00 PM	405900.000	12.507	17.687
28.507	5592.635	6500.648	3.586
4420.440	178.807	1.001	14.776
12/12/2016 2:50:00 PM	406200.000	12.513	17.687
28.520	5592.212	6500.107	3.585
4420.074	178.820	1.001	14.777

12/12/2016 2:55:00 PM	406500.000	12.507	17.687
28.506	5593.483	6501.634	3.586
4421.112	178.779	1.001	14.778
12/12/2016 3:00:00 PM	406800.000	12.505	17.687
28.502	5593.561	6501.675	3.586
4421.139	178.777	1.001	14.779
12/12/2016 3:05:00 PM	407100.000	12.504	17.687
28.501	5593.926	6502.124	3.586
4421.444	178.765	1.001	14.777
12/12/2016 3:10:00 PM	407400.000	12.510	17.687
28.514	5592.224	6500.184	3.585
4420.125	178.820	1.001	14.776
12/12/2016 3:15:00 PM	407700.000	12.513	17.687
28.521	5593.543	6501.678	3.586
4421.141	178.778	1.001	14.775
12/12/2016 3:20:00 PM	408000.000	12.511	17.687
28.517	5593.444	6501.539	3.586
4421.047	178.781	1.001	14.776
12/12/2016 3:25:00 PM	408300.000	12.504	17.688
28.501	5594.342	6502.518	3.587
4421.712	178.752	1.001	14.777
12/12/2016 3:30:00 PM	408600.000	12.507	17.687
28.506	5593.960	6502.153	3.586
4421.464	178.764	1.001	14.778
12/12/2016 3:35:00 PM	408900.000	12.505	17.687
28.503	5594.896	6503.226	3.587
4422.194	178.734	1.001	14.779
12/12/2016 3:40:00 PM	409200.000	12.505	17.687
28.504	5593.570	6501.723	3.586
4421.172	178.777	1.001	14.779
12/12/2016 3:45:00 PM	409500.000	12.500	17.687
28.492	5594.888	6503.205	3.587
4422.179	178.735	1.001	14.780
12/12/2016 3:50:00 PM	409800.000	12.506	17.687
28.505	5595.719	6504.208	3.588
4422.862	178.708	1.001	14.779
12/12/2016 3:55:00 PM	410100.000	12.506	17.686
28.506	5596.093	6504.731	3.588
4423.217	178.696	1.001	14.777
12/12/2016 4:00:00 PM	410400.000	12.502	17.687
28.495	5597.729	6506.494	3.589
4424.416	178.644	1.001	14.776
12/12/2016 4:05:00 PM	410700.000	12.503	17.687
28.499	5596.280	6504.822	3.588
4423.279	178.690	1.001	14.775
12/12/2016 4:10:00 PM	411000.000	12.507	17.687
28.507	5597.669	6506.488	3.589
4424.412	178.646	1.001	14.773
12/12/2016 4:15:00 PM	411300.000	12.510	17.687
28.513	5597.159	6505.895	3.589
4424.009	178.662	1.001	14.772
12/12/2016 4:20:00 PM	411600.000	12.507	17.687
28.507	5598.586	6507.541	3.590
4425.127	178.617	1.001	14.772

12/12/2016 4:25:00 PM	411900.000	12.503	17.687
28.499	5600.220	6509.439	3.591
4426.419	178.564	1.001	14.773
12/12/2016 4:30:00 PM	412200.000	12.501	17.687
28.493	5598.474	6507.473	3.590
4425.082	178.620	1.001	14.773
12/12/2016 4:35:00 PM	412500.000	12.505	17.687
28.502	5600.323	6509.584	3.591
4426.518	178.561	1.001	14.771
12/12/2016 4:40:00 PM	412800.000	12.502	17.687
28.495	5601.365	6510.822	3.592
4427.359	178.528	1.001	14.769
12/12/2016 4:45:00 PM	413100.000	12.503	17.687
28.497	5600.940	6510.340	3.591
4427.032	178.541	1.001	14.767
12/12/2016 4:50:00 PM	413400.000	12.507	17.687
28.507	5603.000	6512.696	3.593
4428.634	178.476	1.001	14.767
12/12/2016 4:55:00 PM	413700.000	12.507	17.687
28.507	5600.598	6509.841	3.591
4426.692	178.552	1.001	14.766
12/12/2016 5:00:00 PM	414000.000	12.508	17.687
28.510	5601.891	6511.395	3.592
4427.749	178.511	1.001	14.766
12/12/2016 5:05:00 PM	414300.000	12.504	17.687
28.501	5603.068	6512.764	3.593
4428.680	178.474	1.001	14.768
12/12/2016 5:10:00 PM	414600.000	12.508	17.687
28.510	5603.709	6513.495	3.593
4429.177	178.453	1.001	14.770
12/12/2016 5:15:00 PM	414900.000	12.503	17.687
28.499	5603.719	6513.520	3.593
4429.193	178.453	1.001	14.772
12/12/2016 5:20:00 PM	415200.000	12.496	17.687
28.482	5605.227	6515.208	3.594
4430.342	178.405	1.001	14.774
12/12/2016 5:25:00 PM	415500.000	12.495	17.687
28.480	5605.896	6515.986	3.595
4430.871	178.384	1.001	14.776
12/12/2016 5:30:00 PM	415800.000	12.491	17.687
28.471	5606.218	6516.411	3.595
4431.160	178.373	1.001	14.777
12/12/2016 5:35:00 PM	416100.000	12.497	17.687
28.484	5607.988	6518.507	3.596
4432.585	178.317	1.001	14.776
12/12/2016 5:40:00 PM	416400.000	12.500	17.687
28.490	5608.623	6519.246	3.597
4433.087	178.297	1.001	14.774
12/12/2016 5:45:00 PM	416700.000	12.497	17.688
28.485	5609.495	6520.157	3.597
4433.707	178.269	1.001	14.773
12/12/2016 5:50:00 PM	417000.000	12.494	17.687
28.478	5609.885	6520.687	3.597
4434.067	178.257	1.001	14.775

12/12/2016 5:55:00 PM	417300.000	12.492	17.687
28.473	5610.817	6521.757	3.598
4434.795	178.227	1.001	14.777
12/12/2016 6:00:00 PM	417600.000	12.497	17.687
28.484	5609.680	6520.435	3.597
4433.896	178.263	1.001	14.779
12/12/2016 6:05:00 PM	417900.000	12.496	17.687
28.481	5610.087	6520.934	3.598
4434.235	178.250	1.001	14.779
12/12/2016 6:10:00 PM	418200.000	12.497	17.687
28.485	5614.396	6525.930	3.601
4437.632	178.114	1.001	14.780
12/12/2016 6:15:00 PM	418500.000	12.490	17.687
28.469	5613.820	6525.311	3.600
4437.211	178.132	1.001	14.780
12/12/2016 6:20:00 PM	418800.000	12.496	17.687
28.483	5614.062	6525.542	3.600
4437.368	178.124	1.001	14.778
12/12/2016 6:25:00 PM	419100.000	12.498	17.687
28.486	5616.040	6527.867	3.602
4438.950	178.061	1.001	14.777
12/12/2016 6:30:00 PM	419400.000	12.500	17.687
28.491	5615.303	6527.034	3.601
4438.384	178.085	1.001	14.775
12/12/2016 6:35:00 PM	419700.000	12.493	17.687
28.475	5616.790	6528.699	3.602
4439.515	178.038	1.001	14.774
12/12/2016 6:40:00 PM	420000.000	12.494	17.687
28.479	5617.007	6528.914	3.602
4439.662	178.031	1.001	14.773
12/12/2016 6:45:00 PM	420300.000	12.495	17.687
28.480	5618.353	6530.568	3.603
4440.786	177.988	1.001	14.772
12/12/2016 6:50:00 PM	420600.000	12.494	17.687
28.478	5617.980	6530.135	3.603
4440.493	178.000	1.001	14.772
12/12/2016 6:55:00 PM	420900.000	12.500	17.687
28.491	5619.858	6532.304	3.604
4441.967	177.940	1.001	14.772
12/12/2016 7:00:00 PM	421200.000	12.493	17.687
28.476	5620.594	6533.134	3.605
4442.532	177.917	1.001	14.772
12/12/2016 7:05:00 PM	421500.000	12.495	17.688
28.480	5620.025	6532.397	3.604
4442.030	177.935	1.001	14.775
12/12/2016 7:10:00 PM	421800.000	12.489	17.687
28.465	5620.763	6533.343	3.605
4442.674	177.912	1.001	14.777
12/12/2016 7:15:00 PM	422100.000	12.490	17.687
28.469	5622.123	6534.950	3.606
4443.766	177.869	1.001	14.779
12/12/2016 7:20:00 PM	422400.000	12.487	17.687
28.461	5623.692	6536.697	3.607
4444.955	177.819	1.001	14.779

12/12/2016 7:25:00 PM	422700.000	12.487	17.687
28.462	5624.510	6537.736	3.607
4445.661	177.793	1.001	14.779
12/12/2016 7:30:00 PM	423000.000	12.488	17.687
28.463	5622.851	6535.783	3.606
4444.333	177.846	1.001	14.779
12/12/2016 7:35:00 PM	423300.000	12.490	17.687
28.468	5623.707	6536.702	3.607
4444.958	177.819	1.001	14.778
12/12/2016 7:40:00 PM	423600.000	12.496	17.687
28.482	5626.688	6540.269	3.609
4447.383	177.724	1.001	14.776
12/12/2016 7:45:00 PM	423900.000	12.492	17.687
28.472	5627.102	6540.749	3.609
4447.709	177.711	1.001	14.775
12/12/2016 7:50:00 PM	424200.000	12.492	17.687
28.473	5628.270	6542.069	3.610
4448.607	177.674	1.001	14.776
12/12/2016 7:55:00 PM	424500.000	12.495	17.687
28.480	5626.777	6540.360	3.609
4447.445	177.722	1.001	14.777
12/12/2016 8:00:00 PM	424800.000	12.496	17.687
28.481	5629.671	6543.647	3.611
4449.680	177.630	1.001	14.778
12/12/2016 8:05:00 PM	425100.000	12.495	17.687
28.480	5629.745	6543.733	3.611
4449.738	177.628	1.001	14.778
12/12/2016 8:10:00 PM	425400.000	12.488	17.687
28.465	5630.562	6544.759	3.612
4450.436	177.602	1.001	14.777
12/12/2016 8:15:00 PM	425700.000	12.488	17.687
28.465	5630.573	6544.733	3.612
4450.419	177.602	1.001	14.776
12/12/2016 8:20:00 PM	426000.000	12.493	17.687
28.476	5631.910	6546.264	3.612
4451.460	177.560	1.001	14.774
12/12/2016 8:25:00 PM	426300.000	12.490	17.687
28.468	5630.650	6544.849	3.612
4450.497	177.599	1.001	14.773
12/12/2016 8:30:00 PM	426600.000	12.495	17.687
28.479	5632.257	6546.729	3.613
4451.776	177.549	1.001	14.771
12/12/2016 8:35:00 PM	426900.000	12.495	17.687
28.479	5631.561	6545.908	3.612
4451.218	177.571	1.001	14.771
12/12/2016 8:40:00 PM	427200.000	12.496	17.687
28.482	5633.257	6547.893	3.613
4452.567	177.517	1.001	14.771
12/12/2016 8:45:00 PM	427500.000	12.490	17.687
28.469	5633.115	6547.714	3.613
4452.446	177.522	1.001	14.771
12/12/2016 8:50:00 PM	427800.000	12.488	17.687
28.463	5634.726	6549.586	3.614
4453.719	177.471	1.001	14.774

12/12/2016 8:55:00 PM	428100.000	12.488	17.687
28.465	5635.226	6550.091	3.615
4454.062	177.455	1.001	14.776
12/12/2016 9:00:00 PM	428400.000	12.486	17.687
28.459	5635.166	6550.111	3.615
4454.076	177.457	1.001	14.779
12/12/2016 9:05:00 PM	428700.000	12.485	17.687
28.458	5635.744	6550.794	3.615
4454.540	177.439	1.001	14.779
12/12/2016 9:10:00 PM	429000.000	12.486	17.687
28.458	5636.866	6552.087	3.616
4455.419	177.404	1.001	14.780
12/12/2016 9:15:00 PM	429300.000	12.487	17.687
28.461	5636.890	6552.115	3.616
4455.438	177.403	1.001	14.780
12/12/2016 9:20:00 PM	429600.000	12.488	17.687
28.464	5635.959	6551.020	3.615
4454.694	177.432	1.001	14.778
12/12/2016 9:25:00 PM	429900.000	12.490	17.687
28.469	5636.428	6551.551	3.616
4455.055	177.417	1.001	14.777
12/12/2016 9:30:00 PM	430200.000	12.490	17.687
28.470	5640.089	6555.807	3.618
4457.949	177.302	1.001	14.775
12/12/2016 9:35:00 PM	430500.000	12.487	17.687
28.462	5640.299	6556.089	3.618
4458.141	177.296	1.001	14.777
12/12/2016 9:40:00 PM	430800.000	12.490	17.687
28.468	5638.918	6554.420	3.617
4457.006	177.339	1.001	14.778
12/12/2016 9:45:00 PM	431100.000	12.487	17.687
28.462	5641.017	6556.859	3.619
4458.665	177.273	1.001	14.780
12/12/2016 9:50:00 PM	431400.000	12.483	17.687
28.452	5641.529	6557.455	3.619
4459.070	177.257	1.001	14.780
12/12/2016 9:55:00 PM	431700.000	12.485	17.687
28.458	5641.004	6556.871	3.619
4458.672	177.273	1.001	14.781
12/12/2016 10:00:00 PM	432000.000	12.486	17.686
28.459	5642.832	6559.109	3.620
4460.194	177.216	1.001	14.781
12/12/2016 10:05:00 PM	432300.000	12.484	17.687
28.454	5640.371	6556.147	3.618
4458.181	177.293	1.001	14.783
12/12/2016 10:10:00 PM	432600.000	12.482	17.687
28.450	5643.653	6559.899	3.621
4460.731	177.190	1.001	14.784
12/12/2016 10:15:00 PM	432900.000	12.479	17.687
28.444	5641.751	6557.752	3.619
4459.272	177.250	1.001	14.786
12/12/2016 10:20:00 PM	433200.000	12.483	17.687
28.453	5644.274	6560.646	3.621
4461.239	177.171	1.001	14.782

12/12/2016 10:25:00 PM	433500.000	12.488	17.687
28.465	5643.012	6559.218	3.620
4460.269	177.210	1.001	14.778
12/12/2016 10:30:00 PM	433800.000	12.486	17.686
28.461	5644.782	6561.351	3.621
4461.719	177.155	1.001	14.775
12/12/2016 10:35:00 PM	434100.000	12.483	17.687
28.452	5643.868	6560.226	3.621
4460.954	177.183	1.001	14.776
12/12/2016 10:40:00 PM	434400.000	12.482	17.687
28.451	5643.991	6560.342	3.621
4461.032	177.180	1.001	14.778
12/12/2016 10:45:00 PM	434700.000	12.479	17.687
28.444	5646.475	6563.217	3.622
4462.988	177.102	1.001	14.780
12/12/2016 10:50:00 PM	435000.000	12.485	17.687
28.457	5647.025	6563.869	3.623
4463.431	177.084	1.001	14.781
12/12/2016 10:55:00 PM	435300.000	12.485	17.687
28.457	5656.646	6575.066	3.629
4471.045	176.783	1.001	14.781
12/12/2016 11:00:00 PM	435600.000	12.482	17.686
28.450	5674.940	6596.381	3.642
4485.540	176.213	1.001	14.782
12/12/2016 11:05:00 PM	435900.000	12.479	17.687
28.443	5694.597	6619.216	3.655
4501.067	175.605	1.001	14.783
12/12/2016 11:10:00 PM	436200.000	12.477	17.686
28.438	5712.422	6639.960	3.668
4515.173	175.057	1.001	14.785
12/12/2016 11:15:00 PM	436500.000	12.480	17.687
28.447	5725.464	6655.057	3.677
4525.439	174.658	1.001	14.786
12/12/2016 11:20:00 PM	436800.000	12.478	17.686
28.440	5738.247	6669.993	3.685
4535.595	174.269	1.001	14.781
12/12/2016 11:25:00 PM	437100.000	12.481	17.687
28.449	5746.589	6679.586	3.691
4542.119	174.016	1.001	14.777
12/12/2016 11:30:00 PM	437400.000	12.491	17.687
28.472	5757.620	6692.419	3.699
4550.846	173.683	1.001	14.772
12/12/2016 11:35:00 PM	437700.000	12.484	17.687
28.455	5769.593	6706.375	3.707
4560.335	173.322	1.001	14.774
12/12/2016 11:40:00 PM	438000.000	12.488	17.687
28.463	5777.380	6715.388	3.712
4566.464	173.089	1.001	14.776
12/12/2016 11:45:00 PM	438300.000	12.484	17.687
28.454	5787.898	6727.641	3.719
4574.796	172.774	1.002	14.778
12/12/2016 11:50:00 PM	438600.000	12.483	17.686
28.453	5793.364	6734.110	3.723
4579.195	172.611	1.002	14.781

12/12/2016 11:55:00 PM	438900.000	12.480	17.686
28.445	5802.549	6744.721	3.730
4586.411	172.338	1.002	14.783
12/13/2016 12:00:00 AM	439200.000	12.476	17.687
28.436	5808.960	6752.096	3.734
4591.425	172.148	1.002	14.786
12/13/2016 12:05:00 AM	439500.000	12.480	17.687
28.445	5817.576	6762.137	3.740
4598.254	171.893	1.002	14.783
12/13/2016 12:10:00 AM	439800.000	12.483	17.687
28.452	5823.696	6769.224	3.744
4603.073	171.712	1.002	14.780
12/13/2016 12:15:00 AM	440100.000	12.489	17.687
28.467	5828.099	6774.381	3.747
4606.580	171.583	1.002	14.777
12/13/2016 12:20:00 AM	440400.000	12.489	17.687
28.466	5835.729	6783.250	3.752
4612.610	171.358	1.002	14.779
12/13/2016 12:25:00 AM	440700.000	12.487	17.687
28.463	5840.915	6789.238	3.756
4616.682	171.206	1.002	14.782
12/13/2016 12:30:00 AM	441000.000	12.480	17.687
28.446	5846.316	6795.570	3.760
4620.987	171.048	1.002	14.784
12/13/2016 12:35:00 AM	441300.000	12.479	17.687
28.443	5850.603	6800.499	3.763
4624.339	170.923	1.002	14.783
12/13/2016 12:40:00 AM	441600.000	12.485	17.687
28.457	5854.565	6805.133	3.765
4627.491	170.807	1.002	14.782
12/13/2016 12:45:00 AM	441900.000	12.485	17.687
28.456	5861.680	6813.389	3.770
4633.105	170.600	1.002	14.780
12/13/2016 12:50:00 AM	442200.000	12.485	17.687
28.457	5865.835	6818.219	3.773
4636.389	170.479	1.002	14.779
12/13/2016 12:55:00 AM	442500.000	12.480	17.686
28.446	5869.718	6822.811	3.776
4639.512	170.366	1.002	14.778
12/13/2016 1:00:00 AM	442800.000	12.486	17.686
28.459	5873.325	6827.004	3.778
4642.364	170.261	1.002	14.777
12/13/2016 1:05:00 AM	443100.000	12.485	17.686
28.458	5877.754	6832.125	3.781
4645.845	170.133	1.002	14.778
12/13/2016 1:10:00 AM	443400.000	12.483	17.687
28.452	5880.520	6835.313	3.783
4648.013	170.053	1.002	14.779
12/13/2016 1:15:00 AM	443700.000	12.488	17.686
28.464	5885.546	6841.221	3.787
4652.030	169.908	1.002	14.779
12/13/2016 1:20:00 AM	444000.000	12.484	17.687
28.455	5889.935	6846.191	3.790
4655.410	169.781	1.002	14.780

12/13/2016 1:25:00 AM	444300.000	12.488	17.687
28.464	5893.556	6850.479	3.792
4658.327	169.677	1.002	14.781
12/13/2016 1:30:00 AM	444600.000	12.488	17.687
28.463	5897.578	6855.141	3.795
4661.496	169.561	1.002	14.782
12/13/2016 1:35:00 AM	444900.000	12.487	17.687
28.462	5901.835	6860.063	3.798
4664.844	169.439	1.002	14.784
12/13/2016 1:40:00 AM	445200.000	12.488	17.687
28.463	5905.525	6864.339	3.800
4667.751	169.333	1.002	14.785
12/13/2016 1:45:00 AM	445500.000	12.484	17.687
28.455	5910.090	6869.685	3.803
4671.386	169.202	1.002	14.786
12/13/2016 1:50:00 AM	445800.000	12.489	17.687
28.466	5915.104	6875.487	3.807
4675.332	169.059	1.002	14.787
12/13/2016 1:55:00 AM	446100.000	12.483	17.686
28.453	5916.073	6876.667	3.808
4676.134	169.031	1.002	14.788
12/13/2016 2:00:00 AM	446400.000	12.485	17.687
28.458	5921.531	6882.943	3.811
4680.402	168.875	1.002	14.789
12/13/2016 2:05:00 AM	446700.000	12.487	17.687
28.461	5923.033	6884.623	3.812
4681.544	168.832	1.002	14.787
12/13/2016 2:10:00 AM	447000.000	12.490	17.686
28.468	5925.758	6887.924	3.814
4683.789	168.755	1.002	14.785
12/13/2016 2:15:00 AM	447300.000	12.488	17.687
28.463	5928.387	6890.846	3.816
4685.775	168.680	1.002	14.784
12/13/2016 2:20:00 AM	447600.000	12.485	17.687
28.457	5930.125	6892.905	3.817
4687.176	168.631	1.002	14.784
12/13/2016 2:25:00 AM	447900.000	12.484	17.687
28.454	5934.868	6898.445	3.820
4690.943	168.496	1.002	14.785
12/13/2016 2:30:00 AM	448200.000	12.484	17.687
28.454	5936.040	6899.862	3.821
4691.906	168.462	1.002	14.786
12/13/2016 2:35:00 AM	448500.000	12.489	17.687
28.466	5937.438	6901.447	3.822
4692.984	168.423	1.002	14.787
12/13/2016 2:40:00 AM	448800.000	12.489	17.686
28.465	5940.958	6905.592	3.825
4695.803	168.323	1.002	14.787
12/13/2016 2:45:00 AM	449100.000	12.485	17.687
28.458	5940.849	6905.398	3.825
4695.671	168.326	1.002	14.787
12/13/2016 2:50:00 AM	449400.000	12.486	17.686
28.459	5944.983	6910.298	3.827
4699.003	168.209	1.002	14.788

12/13/2016 2:55:00 AM	449700.000	12.488	17.687
28.464	5946.072	6911.522	3.828
4699.836	168.178	1.002	14.789
12/13/2016 3:00:00 AM	450000.000	12.483	17.687
28.451	5951.198	6917.441	3.832
4703.861	168.033	1.002	14.790
12/13/2016 3:05:00 AM	450300.000	12.485	17.687
28.457	5952.507	6918.988	3.833
4704.912	167.996	1.002	14.788
12/13/2016 3:10:00 AM	450600.000	12.491	17.687
28.470	5954.754	6921.575	3.834
4706.672	167.933	1.002	14.787
12/13/2016 3:15:00 AM	450900.000	12.488	17.687
28.465	5955.659	6922.599	3.835
4707.368	167.908	1.002	14.786
12/13/2016 3:20:00 AM	451200.000	12.487	17.687
28.461	5955.125	6921.979	3.834
4706.946	167.923	1.002	14.785
12/13/2016 3:25:00 AM	451500.000	12.491	17.686
28.471	5955.799	6922.896	3.835
4707.570	167.904	1.002	14.784
12/13/2016 3:30:00 AM	451800.000	12.493	17.687
28.476	5958.671	6926.142	3.837
4709.777	167.823	1.002	14.783
12/13/2016 3:35:00 AM	452100.000	12.489	17.687
28.467	5959.375	6926.894	3.837
4710.288	167.803	1.002	14.782
12/13/2016 3:40:00 AM	452400.000	12.493	17.687
28.476	5962.023	6930.024	3.839
4712.417	167.728	1.002	14.781
12/13/2016 3:45:00 AM	452700.000	12.490	17.686
28.467	5962.918	6931.119	3.840
4713.161	167.703	1.002	14.780
12/13/2016 3:50:00 AM	453000.000	12.490	17.687
28.468	5965.463	6934.063	3.842
4715.163	167.632	1.002	14.780
12/13/2016 3:55:00 AM	453300.000	12.495	17.686
28.480	5965.549	6934.188	3.842
4715.248	167.629	1.002	14.780
12/13/2016 4:00:00 AM	453600.000	12.489	17.687
28.465	5966.485	6935.224	3.842
4715.953	167.603	1.002	14.780
12/13/2016 4:05:00 AM	453900.000	12.489	17.687
28.466	5969.295	6938.450	3.844
4718.146	167.524	1.002	14.780
12/13/2016 4:10:00 AM	454200.000	12.493	17.686
28.476	5968.380	6937.494	3.844
4717.496	167.550	1.002	14.780
12/13/2016 4:15:00 AM	454500.000	12.494	17.687
28.477	5969.838	6939.107	3.845
4718.594	167.509	1.002	14.780
12/13/2016 4:20:00 AM	454800.000	12.488	17.687
28.464	5972.744	6942.511	3.847
4720.908	167.427	1.002	14.778

12/13/2016 4:25:00 AM	455100.000	12.494	17.687
28.478	5972.232	6941.876	3.846
4720.476	167.442	1.002	14.776
12/13/2016 4:30:00 AM	455400.000	12.495	17.687
28.481	5971.658	6941.223	3.846
4720.032	167.458	1.002	14.774
12/13/2016 4:35:00 AM	455700.000	12.490	17.687
28.468	5973.159	6942.953	3.847
4721.208	167.416	1.002	14.775
12/13/2016 4:40:00 AM	456000.000	12.492	17.687
28.473	5972.946	6942.761	3.847
4721.078	167.422	1.002	14.776
12/13/2016 4:45:00 AM	456300.000	12.488	17.687
28.464	5977.183	6947.618	3.850
4724.380	167.303	1.002	14.777
12/13/2016 4:50:00 AM	456600.000	12.488	17.687
28.464	5974.841	6944.908	3.848
4722.538	167.368	1.002	14.776
12/13/2016 4:55:00 AM	456900.000	12.494	17.687
28.477	5977.587	6948.115	3.850
4724.719	167.292	1.002	14.776
12/13/2016 5:00:00 AM	457200.000	12.491	17.687
28.470	5975.458	6945.640	3.848
4723.035	167.351	1.002	14.775
12/13/2016 5:05:00 AM	457500.000	12.497	17.687
28.484	5978.290	6948.958	3.850
4725.292	167.272	1.002	14.775
12/13/2016 5:10:00 AM	457800.000	12.493	17.687
28.475	5976.299	6946.603	3.849
4723.690	167.328	1.002	14.776
12/13/2016 5:15:00 AM	458100.000	12.491	17.686
28.472	5976.480	6946.882	3.849
4723.880	167.323	1.002	14.776
12/13/2016 5:20:00 AM	458400.000	12.495	17.687
28.480	5979.131	6949.857	3.851
4725.903	167.248	1.002	14.776
12/13/2016 5:25:00 AM	458700.000	12.491	17.687
28.471	5981.100	6952.171	3.852
4727.476	167.193	1.002	14.776
12/13/2016 5:30:00 AM	459000.000	12.497	17.687
28.485	5980.897	6951.948	3.852
4727.325	167.199	1.002	14.776
12/13/2016 5:35:00 AM	459300.000	12.499	17.687
28.489	5978.333	6948.967	3.850
4725.297	167.271	1.002	14.775
12/13/2016 5:40:00 AM	459600.000	12.501	17.687
28.493	5980.664	6951.676	3.852
4727.141	167.206	1.002	14.774
12/13/2016 5:45:00 AM	459900.000	12.502	17.687
28.496	5981.429	6952.595	3.853
4727.765	167.184	1.002	14.773
12/13/2016 5:50:00 AM	460200.000	12.498	17.687
28.486	5981.058	6952.134	3.852
4727.451	167.195	1.002	14.775

12/13/2016 5:55:00 AM	460500.000	12.491	17.687
28.470	5981.334	6952.470	3.852
4727.680	167.187	1.002	14.777
12/13/2016 6:00:00 AM	460800.000	12.494	17.687
28.477	5983.433	6954.950	3.854
4729.366	167.128	1.002	14.779
12/13/2016 6:05:00 AM	461100.000	12.493	17.687
28.475	5982.462	6953.822	3.853
4728.599	167.155	1.002	14.779
12/13/2016 6:10:00 AM	461400.000	12.493	17.687
28.475	5982.974	6954.376	3.854
4728.976	167.141	1.002	14.778
12/13/2016 6:15:00 AM	461700.000	12.500	17.687
28.491	5983.197	6954.609	3.854
4729.135	167.135	1.002	14.777
12/13/2016 6:20:00 AM	462000.000	12.495	17.687
28.481	5983.612	6955.144	3.854
4729.499	167.123	1.002	14.779
12/13/2016 6:25:00 AM	462300.000	12.493	17.687
28.476	5984.016	6955.628	3.854
4729.828	167.112	1.002	14.781
12/13/2016 6:30:00 AM	462600.000	12.493	17.686
28.475	5985.124	6956.941	3.855
4730.720	167.081	1.002	14.784
12/13/2016 6:35:00 AM	462900.000	12.500	17.687
28.491	5985.784	6957.615	3.856
4731.178	167.063	1.002	14.783
12/13/2016 6:40:00 AM	463200.000	12.502	17.687
28.495	5985.464	6957.271	3.855
4730.944	167.071	1.002	14.782
12/13/2016 6:45:00 AM	463500.000	12.502	17.687
28.497	5984.847	6956.512	3.855
4730.428	167.089	1.002	14.781
12/13/2016 6:50:00 AM	463800.000	12.500	17.687
28.492	5986.507	6958.456	3.856
4731.750	167.042	1.002	14.783
12/13/2016 6:55:00 AM	464100.000	12.497	17.687
28.484	5985.390	6957.132	3.855
4730.850	167.073	1.002	14.784
12/13/2016 7:00:00 AM	464400.000	12.499	17.687
28.490	5984.496	6956.092	3.855
4730.143	167.098	1.002	14.785
12/13/2016 7:05:00 AM	464700.000	12.501	17.688
28.494	5980.759	6951.666	3.852
4727.133	167.203	1.002	14.785
12/13/2016 7:10:00 AM	465000.000	12.495	17.687
28.479	5971.317	6940.812	3.846
4719.753	167.467	1.002	14.786
12/13/2016 7:15:00 AM	465300.000	12.496	17.687
28.482	5958.917	6926.372	3.837
4709.933	167.816	1.002	14.786
12/13/2016 7:20:00 AM	465600.000	12.499	17.688
28.489	5939.144	6903.322	3.823
4694.259	168.374	1.002	14.785

12/13/2016 7:25:00 AM	465900.000	12.499	17.687
28.490	5926.077	6888.242	3.814
4684.005	168.746	1.002	14.784
12/13/2016 7:30:00 AM	466200.000	12.497	17.687
28.485	5913.817	6873.965	3.806
4674.296	169.096	1.002	14.782
12/13/2016 7:35:00 AM	466500.000	12.496	17.687
28.483	5903.357	6861.781	3.799
4666.011	169.395	1.002	14.785
12/13/2016 7:40:00 AM	466800.000	12.495	17.687
28.480	5891.151	6847.593	3.790
4656.363	169.746	1.002	14.787
12/13/2016 7:45:00 AM	467100.000	12.493	17.687
28.476	5880.431	6835.184	3.783
4647.925	170.056	1.002	14.790
12/13/2016 7:50:00 AM	467400.000	12.493	17.687
28.476	5873.422	6826.958	3.778
4642.331	170.258	1.002	14.790
12/13/2016 7:55:00 AM	467700.000	12.495	17.688
28.479	5862.368	6814.082	3.771
4633.576	170.580	1.002	14.790
12/13/2016 8:00:00 AM	468000.000	12.497	17.687
28.485	5855.533	6806.204	3.766
4628.219	170.779	1.002	14.791
12/13/2016 8:05:00 AM	468300.000	12.499	17.687
28.489	5845.848	6794.894	3.759
4620.528	171.062	1.002	14.792
12/13/2016 8:10:00 AM	468600.000	12.498	17.687
28.488	5839.458	6787.507	3.755
4615.505	171.249	1.002	14.793
12/13/2016 8:15:00 AM	468900.000	12.502	17.687
28.496	5829.746	6776.204	3.748
4607.819	171.534	1.002	14.794
12/13/2016 8:20:00 AM	469200.000	12.495	17.688
28.481	5824.313	6769.836	3.744
4603.489	171.694	1.002	14.794
12/13/2016 8:25:00 AM	469500.000	12.502	17.687
28.495	5817.011	6761.427	3.739
4597.770	171.910	1.002	14.795
12/13/2016 8:30:00 AM	469800.000	12.502	17.687
28.496	5808.849	6751.888	3.734
4591.284	172.151	1.002	14.795
12/13/2016 8:35:00 AM	470100.000	12.501	17.687
28.493	5803.761	6746.080	3.730
4587.334	172.302	1.002	14.801
12/13/2016 8:40:00 AM	470400.000	12.491	17.688
28.471	5796.129	6737.090	3.725
4581.222	172.529	1.002	14.806
12/13/2016 8:45:00 AM	470700.000	12.485	17.687
28.457	5790.175	6730.234	3.721
4576.560	172.706	1.002	14.812
12/13/2016 8:50:00 AM	471000.000	12.489	17.687
28.466	5783.609	6722.643	3.717
4571.397	172.902	1.001	14.808

12/13/2016 8:55:00 AM	471300.000	12.495	17.687
28.480	5778.295	6716.387	3.713
4567.144	173.061	1.001	14.803
12/13/2016 9:00:00 AM	471600.000	12.499	17.687
28.490	5772.798	6709.984	3.709
4562.790	173.226	1.001	14.798
12/13/2016 9:05:00 AM	471900.000	12.501	17.687
28.493	5766.413	6702.589	3.705
4557.761	173.418	1.001	14.802
12/13/2016 9:10:00 AM	472200.000	12.497	17.687
28.485	5763.906	6699.754	3.703
4555.833	173.493	1.001	14.805
12/13/2016 9:15:00 AM	472500.000	12.489	17.687
28.467	5756.936	6691.598	3.698
4550.287	173.704	1.001	14.809
12/13/2016 9:20:00 AM	472800.000	12.496	17.687
28.481	5752.998	6687.061	3.696
4547.201	173.822	1.001	14.809
12/13/2016 9:25:00 AM	473100.000	12.491	17.687
28.471	5746.927	6679.979	3.691
4542.386	174.006	1.001	14.810
12/13/2016 9:30:00 AM	473400.000	12.496	17.687
28.482	5743.482	6675.909	3.689
4539.619	174.110	1.001	14.810
12/13/2016 9:35:00 AM	473700.000	12.499	17.687
28.488	5735.602	6666.840	3.684
4533.452	174.350	1.001	14.808
12/13/2016 9:40:00 AM	474000.000	12.500	17.687
28.492	5734.023	6664.955	3.682
4532.170	174.398	1.001	14.806
12/13/2016 9:45:00 AM	474300.000	12.501	17.687
28.493	5729.493	6659.649	3.679
4528.562	174.536	1.001	14.804
12/13/2016 9:50:00 AM	474600.000	12.497	17.687
28.484	5722.688	6651.790	3.675
4523.218	174.743	1.001	14.806
12/13/2016 9:55:00 AM	474900.000	12.493	17.687
28.476	5721.351	6650.289	3.674
4522.197	174.784	1.001	14.808
12/13/2016 10:00:00 AM	475200.000	12.492	17.687
28.474	5715.146	6643.013	3.670
4517.249	174.974	1.001	14.811
12/13/2016 10:05:00 AM	475500.000	12.491	17.687
28.471	5711.368	6638.581	3.667
4514.235	175.089	1.001	14.811
12/13/2016 10:10:00 AM	475800.000	12.490	17.687
28.469	5708.526	6635.407	3.665
4512.077	175.177	1.001	14.811
12/13/2016 10:15:00 AM	476100.000	12.497	17.687
28.485	5705.623	6631.930	3.663
4509.713	175.266	1.001	14.811
12/13/2016 10:20:00 AM	476400.000	12.499	17.688
28.489	5699.716	6625.025	3.659
4505.017	175.447	1.001	14.810

12/13/2016 10:25:00 AM	476700.000	12.500	17.687
28.491	5698.659	6623.822	3.658
4504.199	175.480	1.001	14.808
12/13/2016 10:30:00 AM	477000.000	12.499	17.687
28.488	5695.501	6620.189	3.656
4501.729	175.577	1.001	14.807
12/13/2016 10:35:00 AM	477300.000	12.493	17.687
28.476	5690.417	6614.333	3.653
4497.747	175.734	1.001	14.809
12/13/2016 10:40:00 AM	477600.000	12.487	17.687
28.462	5687.502	6610.893	3.651
4495.408	175.824	1.001	14.811
12/13/2016 10:45:00 AM	477900.000	12.488	17.687
28.463	5685.074	6608.032	3.649
4493.461	175.899	1.001	14.813
12/13/2016 10:50:00 AM	478200.000	12.488	17.687
28.465	5681.071	6603.469	3.646
4490.359	176.023	1.001	14.812
12/13/2016 10:55:00 AM	478500.000	12.484	17.687
28.455	5680.118	6602.334	3.646
4489.588	176.053	1.001	14.811
12/13/2016 11:00:00 AM	478800.000	12.487	17.687
28.462	5676.602	6598.184	3.643
4486.765	176.162	1.001	14.810
12/13/2016 11:05:00 AM	479100.000	12.490	17.687
28.469	5676.085	6597.571	3.643
4486.348	176.178	1.001	14.808
12/13/2016 11:10:00 AM	479400.000	12.486	17.687
28.459	5673.525	6594.622	3.641
4484.343	176.257	1.001	14.805
12/13/2016 11:15:00 AM	479700.000	12.493	17.688
28.474	5670.131	6590.625	3.639
4481.625	176.363	1.001	14.803
12/13/2016 11:20:00 AM	480000.000	12.494	17.687
28.479	5668.075	6588.300	3.637
4480.045	176.427	1.001	14.803
12/13/2016 11:25:00 AM	480300.000	12.494	17.687
28.477	5664.545	6584.197	3.635
4477.254	176.537	1.001	14.803
12/13/2016 11:30:00 AM	480600.000	12.490	17.687
28.468	5662.456	6581.819	3.633
4475.637	176.602	1.001	14.803
12/13/2016 11:35:00 AM	480900.000	12.486	17.687
28.460	5660.919	6579.956	3.632
4474.370	176.650	1.001	14.801
12/13/2016 11:40:00 AM	481200.000	12.489	17.687
28.466	5659.492	6578.284	3.631
4473.233	176.694	1.001	14.799
12/13/2016 11:45:00 AM	481500.000	12.493	17.687
28.474	5658.804	6577.574	3.631
4472.750	176.716	1.001	14.796
12/13/2016 11:50:00 AM	481800.000	12.486	17.688
28.459	5655.225	6573.299	3.628
4469.843	176.828	1.001	14.797

12/13/2016 11:55:00 AM	482100.000	12.489	17.686
28.467	5654.839	6573.017	3.628
4469.652	176.840	1.001	14.797
12/13/2016 12:00:00 PM	482400.000	12.487	17.687
28.462	5652.523	6570.260	3.627
4467.777	176.912	1.001	14.797
12/13/2016 12:05:00 PM	482700.000	12.486	17.687
28.459	5651.745	6569.305	3.626
4467.128	176.937	1.001	14.795
12/13/2016 12:10:00 PM	483000.000	12.489	17.687
28.467	5648.801	6565.960	3.624
4464.854	177.029	1.001	14.793
12/13/2016 12:15:00 PM	483300.000	12.489	17.687
28.467	5649.753	6566.963	3.625
4465.535	176.999	1.001	14.790
12/13/2016 12:20:00 PM	483600.000	12.490	17.687
28.470	5646.795	6563.552	3.623
4463.215	177.092	1.001	14.788
12/13/2016 12:25:00 PM	483900.000	12.490	17.687
28.469	5646.984	6563.796	3.623
4463.382	177.086	1.001	14.785
12/13/2016 12:30:00 PM	484200.000	12.491	17.687
28.470	5645.145	6561.658	3.622
4461.928	177.143	1.001	14.783
12/13/2016 12:35:00 PM	484500.000	12.491	17.687
28.472	5645.165	6561.670	3.622
4461.936	177.143	1.001	14.782
12/13/2016 12:40:00 PM	484800.000	12.493	17.687
28.475	5641.438	6557.375	3.619
4459.015	177.260	1.001	14.782
12/13/2016 12:45:00 PM	485100.000	12.486	17.687
28.460	5641.347	6557.269	3.619
4458.943	177.263	1.001	14.782
12/13/2016 12:50:00 PM	485400.000	12.486	17.687
28.460	5642.208	6558.283	3.620
4459.633	177.236	1.001	14.781
12/13/2016 12:55:00 PM	485700.000	12.486	17.687
28.460	5639.121	6554.669	3.617
4457.175	177.333	1.001	14.780
12/13/2016 1:00:00 PM	486000.000	12.486	17.687
28.460	5640.506	6556.291	3.618
4458.278	177.289	1.001	14.779
12/13/2016 1:05:00 PM	486300.000	12.490	17.687
28.468	5638.854	6554.346	3.617
4456.956	177.341	1.001	14.778
12/13/2016 1:10:00 PM	486600.000	12.488	17.687
28.463	5637.072	6552.327	3.616
4455.582	177.397	1.001	14.778
12/13/2016 1:15:00 PM	486900.000	12.489	17.687
28.467	5639.198	6554.809	3.618
4457.270	177.330	1.001	14.778
12/13/2016 1:20:00 PM	487200.000	12.490	17.687
28.469	5638.686	6554.140	3.617
4456.815	177.346	1.001	14.778

12/13/2016 1:25:00 PM	487500.000	12.487	17.687
28.462	5636.542	6551.672	3.616
4455.137	177.414	1.001	14.779
12/13/2016 1:30:00 PM	487800.000	12.485	17.687
28.457	5636.364	6551.427	3.616
4454.970	177.419	1.001	14.780
12/13/2016 1:35:00 PM	488100.000	12.480	17.687
28.447	5634.067	6548.833	3.614
4453.207	177.492	1.001	14.776
12/13/2016 1:40:00 PM	488400.000	12.484	17.687
28.455	5637.432	6552.718	3.616
4455.849	177.386	1.001	14.773
12/13/2016 1:45:00 PM	488700.000	12.491	17.687
28.472	5636.552	6551.646	3.616
4455.119	177.413	1.001	14.770
12/13/2016 1:50:00 PM	489000.000	12.493	17.687
28.476	5635.387	6550.315	3.615
4454.214	177.450	1.001	14.769
12/13/2016 1:55:00 PM	489300.000	12.488	17.687
28.464	5635.118	6550.016	3.615
4454.011	177.459	1.001	14.768
12/13/2016 2:00:00 PM	489600.000	12.492	17.687
28.473	5636.778	6551.947	3.616
4455.324	177.406	1.001	14.766
12/13/2016 2:05:00 PM	489900.000	12.488	17.687
28.463	5636.758	6551.898	3.616
4455.292	177.407	1.001	14.771
12/13/2016 2:10:00 PM	490200.000	12.480	17.686
28.447	5636.527	6551.731	3.616
4455.177	177.414	1.001	14.775
12/13/2016 2:15:00 PM	490500.000	12.483	17.687
28.452	5635.530	6550.546	3.615
4454.372	177.446	1.001	14.780
12/13/2016 2:20:00 PM	490800.000	12.477	17.686
28.440	5635.429	6550.465	3.615
4454.316	177.449	1.001	14.779
12/13/2016 2:25:00 PM	491100.000	12.477	17.687
28.439	5636.198	6551.272	3.615
4454.865	177.425	1.001	14.779
12/13/2016 2:30:00 PM	491400.000	12.483	17.687
28.453	5635.846	6550.838	3.615
4454.570	177.436	1.001	14.778
12/13/2016 2:35:00 PM	491700.000	12.478	17.687
28.440	5636.438	6551.614	3.616
4455.098	177.417	1.001	14.778
12/13/2016 2:40:00 PM	492000.000	12.476	17.687
28.437	5636.011	6551.042	3.615
4454.708	177.430	1.001	14.778
12/13/2016 2:45:00 PM	492300.000	12.477	17.687
28.438	5635.496	6550.481	3.615
4454.328	177.447	1.001	14.777
12/13/2016 2:50:00 PM	492600.000	12.483	17.687
28.453	5636.941	6552.161	3.616
4455.470	177.401	1.001	14.777

12/13/2016 2:55:00 PM	492900.000	12.478	17.686
28.441	5637.607	6552.986	3.616
4456.030	177.380	1.001	14.776
12/13/2016 3:00:00 PM	493200.000	12.480	17.687
28.446	5637.006	6552.224	3.616
4455.513	177.399	1.001	14.776
12/13/2016 3:05:00 PM	493500.000	12.478	17.687
28.441	5638.723	6554.193	3.617
4456.852	177.345	1.001	14.774
12/13/2016 3:10:00 PM	493800.000	12.482	17.687
28.451	5638.130	6553.581	3.617
4456.435	177.364	1.001	14.772
12/13/2016 3:15:00 PM	494100.000	12.479	17.687
28.443	5638.272	6553.708	3.617
4456.521	177.359	1.001	14.770
12/13/2016 3:20:00 PM	494400.000	12.484	17.687
28.454	5637.827	6553.127	3.617
4456.126	177.373	1.001	14.770
12/13/2016 3:25:00 PM	494700.000	12.483	17.687
28.452	5637.500	6552.812	3.616
4455.912	177.384	1.001	14.769
12/13/2016 3:30:00 PM	495000.000	12.479	17.687
28.444	5636.855	6552.062	3.616
4455.402	177.404	1.001	14.769
12/13/2016 3:35:00 PM	495300.000	12.481	17.687
28.449	5638.868	6554.351	3.617
4456.959	177.341	1.001	14.770
12/13/2016 3:40:00 PM	495600.000	12.479	17.687
28.444	5637.515	6552.778	3.616
4455.889	177.383	1.001	14.772
12/13/2016 3:45:00 PM	495900.000	12.479	17.687
28.443	5637.627	6552.958	3.616
4456.012	177.380	1.001	14.773
12/13/2016 3:50:00 PM	496200.000	12.480	17.687
28.445	5636.543	6551.660	3.616
4455.129	177.414	1.001	14.773
12/13/2016 3:55:00 PM	496500.000	12.479	17.687
28.444	5638.485	6553.956	3.617
4456.690	177.353	1.001	14.772
12/13/2016 4:00:00 PM	496800.000	12.478	17.687
28.442	5638.747	6554.273	3.617
4456.906	177.344	1.001	14.771
12/13/2016 4:05:00 PM	497100.000	12.478	17.687
28.440	5637.645	6552.966	3.616
4456.017	177.379	1.001	14.771
12/13/2016 4:10:00 PM	497400.000	12.472	17.687
28.427	5637.760	6553.087	3.617
4456.100	177.375	1.001	14.771
12/13/2016 4:15:00 PM	497700.000	12.476	17.687
28.436	5639.625	6555.294	3.618
4457.600	177.317	1.001	14.771
12/13/2016 4:20:00 PM	498000.000	12.477	17.687
28.438	5639.240	6554.770	3.617
4457.244	177.329	1.001	14.770

12/13/2016 4:25:00 PM	498300.000	12.473	17.686
28.430	5638.085	6553.542	3.617
4456.409	177.365	1.001	14.770
12/13/2016 4:30:00 PM	498600.000	12.475	17.687
28.435	5638.433	6553.919	3.617
4456.665	177.354	1.001	14.769
12/13/2016 4:35:00 PM	498900.000	12.479	17.687
28.444	5636.203	6551.226	3.615
4454.834	177.424	1.001	14.769
12/13/2016 4:40:00 PM	499200.000	12.475	17.687
28.435	5636.904	6552.105	3.616
4455.432	177.402	1.001	14.768
12/13/2016 4:45:00 PM	499500.000	12.481	17.687
28.447	5639.418	6555.065	3.618
4457.445	177.323	1.001	14.767
12/13/2016 4:50:00 PM	499800.000	12.475	17.687
28.435	5638.460	6553.927	3.617
4456.671	177.353	1.001	14.766
12/13/2016 4:55:00 PM	500100.000	12.482	17.687
28.450	5640.599	6556.388	3.618
4458.344	177.286	1.001	14.766
12/13/2016 5:00:00 PM	500400.000	12.482	17.687
28.450	5638.667	6554.141	3.617
4456.816	177.347	1.001	14.766
12/13/2016 5:05:00 PM	500700.000	12.476	17.687
28.438	5639.786	6555.417	3.618
4457.685	177.312	1.001	14.766
12/13/2016 5:10:00 PM	501000.000	12.480	17.687
28.445	5639.801	6555.436	3.618
4457.697	177.311	1.001	14.767
12/13/2016 5:15:00 PM	501300.000	12.479	17.687
28.444	5638.107	6553.477	3.617
4456.365	177.365	1.001	14.767
12/13/2016 5:20:00 PM	501600.000	12.481	17.687
28.449	5639.426	6555.087	3.618
4457.459	177.323	1.001	14.765
12/13/2016 5:25:00 PM	501900.000	12.479	17.687
28.443	5640.654	6556.477	3.619
4458.404	177.284	1.001	14.763
12/13/2016 5:30:00 PM	502200.000	12.484	17.687
28.455	5640.139	6555.829	3.618
4457.963	177.301	1.001	14.761
12/13/2016 5:35:00 PM	502500.000	12.481	17.687
28.447	5641.317	6557.234	3.619
4458.919	177.264	1.001	14.765
12/13/2016 5:40:00 PM	502800.000	12.477	17.687
28.439	5639.565	6555.147	3.618
4457.501	177.319	1.001	14.770
12/13/2016 5:45:00 PM	503100.000	12.472	17.687
28.427	5641.105	6557.002	3.619
4458.761	177.270	1.001	14.774
12/13/2016 5:50:00 PM	503400.000	12.474	17.687
28.432	5640.906	6556.783	3.619
4458.613	177.276	1.001	14.773

12/13/2016 5:55:00 PM	503700.000	12.472	17.687
28.427	5641.771	6557.800	3.619
4459.304	177.249	1.001	14.772
12/13/2016 6:00:00 PM	504000.000	12.478	17.687
28.441	5639.731	6555.429	3.618
4457.692	177.313	1.001	14.771
12/13/2016 6:05:00 PM	504300.000	12.478	17.687
28.441	5642.166	6558.234	3.620
4459.600	177.237	1.001	14.772
12/13/2016 6:10:00 PM	504600.000	12.476	17.686
28.437	5640.239	6556.057	3.618
4458.119	177.297	1.001	14.772
12/13/2016 6:15:00 PM	504900.000	12.472	17.687
28.427	5640.763	6556.617	3.619
4458.500	177.281	1.001	14.772
12/13/2016 6:20:00 PM	505200.000	12.474	17.687
28.432	5640.739	6556.576	3.619
4458.472	177.282	1.001	14.773
12/13/2016 6:25:00 PM	505500.000	12.470	17.687
28.424	5641.722	6557.679	3.619
4459.222	177.251	1.001	14.774
12/13/2016 6:30:00 PM	505800.000	12.469	17.687
28.421	5640.730	6556.540	3.619
4458.447	177.282	1.001	14.775
12/13/2016 6:35:00 PM	506100.000	12.471	17.687
28.424	5641.683	6557.710	3.619
4459.243	177.252	1.001	14.775
12/13/2016 6:40:00 PM	506400.000	12.474	17.687
28.433	5642.613	6558.729	3.620
4459.936	177.223	1.001	14.774
12/13/2016 6:45:00 PM	506700.000	12.476	17.687
28.437	5641.661	6557.622	3.619
4459.183	177.253	1.001	14.774
12/13/2016 6:50:00 PM	507000.000	12.471	17.687
28.425	5643.213	6559.465	3.620
4460.437	177.204	1.001	14.774
12/13/2016 6:55:00 PM	507300.000	12.471	17.687
28.425	5643.168	6559.399	3.620
4460.392	177.205	1.001	14.774
12/13/2016 7:00:00 PM	507600.000	12.471	17.687
28.426	5643.668	6559.942	3.621
4460.761	177.190	1.001	14.774
12/13/2016 7:05:00 PM	507900.000	12.470	17.687
28.422	5641.901	6557.877	3.619
4459.357	177.245	1.001	14.774
12/13/2016 7:10:00 PM	508200.000	12.476	17.687
28.436	5642.744	6558.816	3.620
4459.995	177.219	1.001	14.775
12/13/2016 7:15:00 PM	508500.000	12.476	17.687
28.436	5642.518	6558.594	3.620
4459.844	177.226	1.001	14.775
12/13/2016 7:20:00 PM	508800.000	12.471	17.687
28.426	5642.958	6559.092	3.620
4460.183	177.212	1.001	14.773

12/13/2016 7:25:00 PM	509100.000	12.478	17.686
28.441	5644.275	6560.737	3.621
4461.301	177.171	1.001	14.771
12/13/2016 7:30:00 PM	509400.000	12.478	17.687
28.441	5644.036	6560.421	3.621
4461.087	177.178	1.001	14.768
12/13/2016 7:35:00 PM	509700.000	12.476	17.687
28.438	5644.565	6561.009	3.621
4461.486	177.162	1.001	14.770
12/13/2016 7:40:00 PM	510000.000	12.475	17.687
28.435	5644.806	6561.252	3.621
4461.652	177.154	1.001	14.771
12/13/2016 7:45:00 PM	510300.000	12.469	17.686
28.420	5643.781	6560.174	3.621
4460.919	177.186	1.001	14.773
12/13/2016 7:50:00 PM	510600.000	12.473	17.687
28.430	5642.718	6558.876	3.620
4460.036	177.220	1.001	14.774
12/13/2016 7:55:00 PM	510900.000	12.467	17.687
28.417	5644.232	6560.661	3.621
4461.250	177.172	1.001	14.776
12/13/2016 8:00:00 PM	511200.000	12.470	17.687
28.422	5642.509	6558.658	3.620
4459.888	177.226	1.001	14.777
12/13/2016 8:05:00 PM	511500.000	12.465	17.686
28.412	5642.947	6559.193	3.620
4460.251	177.212	1.001	14.777
12/13/2016 8:10:00 PM	511800.000	12.470	17.687
28.424	5644.776	6561.268	3.621
4461.662	177.155	1.001	14.777
12/13/2016 8:15:00 PM	512100.000	12.467	17.687
28.416	5642.480	6558.637	3.620
4459.874	177.227	1.001	14.777
12/13/2016 8:20:00 PM	512400.000	12.467	17.687
28.415	5644.732	6561.204	3.621
4461.619	177.156	1.001	14.777
12/13/2016 8:25:00 PM	512700.000	12.467	17.687
28.416	5644.703	6561.106	3.621
4461.553	177.157	1.001	14.777
12/13/2016 8:30:00 PM	513000.000	12.465	17.687
28.413	5645.091	6561.584	3.622
4461.877	177.145	1.001	14.777
12/13/2016 8:35:00 PM	513300.000	12.468	17.687
28.419	5645.025	6561.544	3.621
4461.850	177.147	1.001	14.777
12/13/2016 8:40:00 PM	513600.000	12.475	17.687
28.433	5643.492	6559.750	3.620
4460.630	177.195	1.001	14.776
12/13/2016 8:45:00 PM	513900.000	12.470	17.687
28.422	5643.939	6560.271	3.621
4460.984	177.181	1.001	14.776
12/13/2016 8:50:00 PM	514200.000	12.472	17.686
28.428	5643.846	6560.238	3.621
4460.962	177.184	1.001	14.778

12/13/2016 8:55:00 PM	514500.000	12.467	17.687
28.416	5644.405	6560.850	3.621
4461.378	177.167	1.001	14.780
12/13/2016 9:00:00 PM	514800.000	12.465	17.687
28.413	5644.584	6560.996	3.621
4461.477	177.161	1.001	14.781
12/13/2016 9:05:00 PM	515100.000	12.472	17.687
28.428	5645.473	6562.116	3.622
4462.239	177.133	1.001	14.780
12/13/2016 9:10:00 PM	515400.000	12.468	17.687
28.418	5646.192	6562.914	3.622
4462.782	177.111	1.001	14.778
12/13/2016 9:15:00 PM	515700.000	12.473	17.687
28.430	5644.920	6561.422	3.621
4461.767	177.150	1.001	14.776
12/13/2016 9:20:00 PM	516000.000	12.467	17.687
28.416	5645.996	6562.661	3.622
4462.610	177.117	1.001	14.777
12/13/2016 9:25:00 PM	516300.000	12.473	17.687
28.429	5647.064	6563.914	3.623
4463.462	177.083	1.001	14.777
12/13/2016 9:30:00 PM	516600.000	12.470	17.687
28.423	5646.750	6563.588	3.623
4463.240	177.093	1.001	14.777
12/13/2016 9:35:00 PM	516900.000	12.469	17.687
28.420	5648.255	6565.326	3.624
4464.422	177.046	1.001	14.778
12/13/2016 9:40:00 PM	517200.000	12.469	17.687
28.421	5659.973	6578.932	3.632
4473.674	176.679	1.001	14.778
12/13/2016 9:45:00 PM	517500.000	12.470	17.686
28.422	5681.231	6603.694	3.646
4490.512	176.018	1.001	14.779
12/13/2016 9:50:00 PM	517800.000	12.473	17.687
28.431	5698.339	6623.528	3.658
4504.000	175.490	1.001	14.779
12/13/2016 9:55:00 PM	518100.000	12.470	17.686
28.424	5715.104	6643.116	3.670
4517.319	174.975	1.001	14.779
12/13/2016 10:00:00 PM	518400.000	12.475	17.686
28.435	5729.214	6659.467	3.679
4528.438	174.544	1.001	14.780
12/13/2016 10:05:00 PM	518700.000	12.467	17.687
28.415	5740.414	6672.420	3.687
4537.246	174.203	1.001	14.784
12/13/2016 10:10:00 PM	519000.000	12.470	17.687
28.424	5751.790	6685.670	3.695
4546.255	173.859	1.001	14.788
12/13/2016 10:15:00 PM	519300.000	12.465	17.687
28.412	5762.378	6698.003	3.702
4554.643	173.539	1.001	14.793
12/13/2016 10:20:00 PM	519600.000	12.468	17.686
28.419	5772.840	6710.215	3.709
4562.946	173.225	1.001	14.790

12/13/2016 10:25:00 PM	519900.000	12.464	17.686
28.410	5780.264	6718.818	3.714
4568.797	173.002	1.001	14.788
12/13/2016 10:30:00 PM	520200.000	12.470	17.687
28.423	5787.765	6727.473	3.719
4574.682	172.778	1.002	14.786
12/13/2016 10:35:00 PM	520500.000	12.465	17.687
28.412	5794.723	6735.561	3.724
4580.182	172.571	1.002	14.788
12/13/2016 10:40:00 PM	520800.000	12.461	17.686
28.402	5804.424	6746.941	3.731
4587.920	172.282	1.002	14.791
12/13/2016 10:45:00 PM	521100.000	12.458	17.686
28.395	5810.500	6753.989	3.735
4592.713	172.102	1.002	14.793
12/13/2016 10:50:00 PM	521400.000	12.460	17.687
28.401	5818.094	6762.740	3.740
4598.663	171.878	1.002	14.790
12/13/2016 10:55:00 PM	521700.000	12.467	17.686
28.415	5824.208	6769.911	3.744
4603.540	171.697	1.002	14.788
12/13/2016 11:00:00 PM	522000.000	12.465	17.686
28.412	5830.048	6776.685	3.748
4608.146	171.525	1.002	14.785
12/13/2016 11:05:00 PM	522300.000	12.473	17.687
28.430	5837.006	6784.734	3.753
4613.619	171.321	1.002	14.782
12/13/2016 11:10:00 PM	522600.000	12.470	17.687
28.424	5838.994	6787.044	3.755
4615.190	171.262	1.002	14.780
12/13/2016 11:15:00 PM	522900.000	12.478	17.686
28.441	5846.855	6796.236	3.760
4621.441	171.032	1.002	14.777
12/13/2016 11:20:00 PM	523200.000	12.476	17.686
28.438	5849.813	6799.686	3.762
4623.787	170.946	1.002	14.780
12/13/2016 11:25:00 PM	523500.000	12.470	17.687
28.423	5854.716	6805.334	3.765
4627.627	170.802	1.002	14.783
12/13/2016 11:30:00 PM	523800.000	12.466	17.686
28.415	5859.580	6811.012	3.769
4631.488	170.661	1.002	14.785
12/13/2016 11:35:00 PM	524100.000	12.473	17.687
28.430	5863.318	6815.333	3.771
4634.427	170.552	1.002	14.783
12/13/2016 11:40:00 PM	524400.000	12.473	17.686
28.429	5869.271	6822.265	3.775
4639.140	170.379	1.002	14.781
12/13/2016 11:45:00 PM	524700.000	12.477	17.687
28.440	5875.427	6829.408	3.780
4643.997	170.200	1.002	14.778
12/13/2016 11:50:00 PM	525000.000	12.473	17.686
28.430	5880.223	6834.996	3.783
4647.797	170.062	1.002	14.781

12/13/2016 11:55:00 PM	525300.000	12.471	17.686
28.425	5881.533	6836.585	3.784
4648.878	170.024	1.002	14.784
12/14/2016 12:00:00 AM	525600.000	12.468	17.687
28.419	5885.956	6841.580	3.787
4652.274	169.896	1.002	14.787
12/14/2016 12:05:00 AM	525900.000	12.464	17.686
28.409	5888.878	6845.068	3.789
4654.646	169.812	1.002	14.785
12/14/2016 12:10:00 AM	526200.000	12.467	17.686
28.415	5893.724	6850.700	3.792
4658.477	169.672	1.002	14.783
12/14/2016 12:15:00 AM	526500.000	12.473	17.687
28.429	5895.160	6852.318	3.793
4659.577	169.631	1.002	14.782
12/14/2016 12:20:00 AM	526800.000	12.467	17.686
28.416	5899.899	6857.893	3.796
4663.367	169.494	1.002	14.783
12/14/2016 12:25:00 AM	527100.000	12.467	17.686
28.416	5903.181	6861.708	3.799
4665.961	169.400	1.002	14.783
12/14/2016 12:30:00 AM	527400.000	12.462	17.687
28.405	5906.440	6865.442	3.801
4668.501	169.307	1.002	14.784
12/14/2016 12:35:00 AM	527700.000	12.468	17.687
28.417	5908.404	6867.738	3.802
4670.062	169.250	1.002	14.784
12/14/2016 12:40:00 AM	528000.000	12.463	17.686
28.406	5910.835	6870.617	3.804
4672.020	169.181	1.002	14.784
12/14/2016 12:45:00 AM	528300.000	12.468	17.687
28.418	5916.260	6876.856	3.808
4676.262	169.026	1.002	14.783
12/14/2016 12:50:00 AM	528600.000	12.467	17.687
28.415	5918.314	6879.258	3.809
4677.896	168.967	1.002	14.781
12/14/2016 12:55:00 AM	528900.000	12.468	17.686
28.419	5919.362	6880.489	3.810
4678.733	168.937	1.002	14.779
12/14/2016 1:00:00 AM	529200.000	12.471	17.687
28.425	5922.471	6884.076	3.812
4681.172	168.848	1.002	14.776
12/14/2016 1:05:00 AM	529500.000	12.482	17.686
28.450	5924.524	6886.490	3.813
4682.813	168.790	1.002	14.773
12/14/2016 1:10:00 AM	529800.000	12.482	17.687
28.450	5926.775	6889.012	3.815
4684.528	168.726	1.002	14.770
12/14/2016 1:15:00 AM	530100.000	12.485	17.686
28.457	5929.121	6891.886	3.817
4686.482	168.659	1.002	14.767
12/14/2016 1:20:00 AM	530400.000	12.482	17.686
28.450	5933.486	6896.907	3.820
4689.896	168.535	1.002	14.770

12/14/2016 1:25:00 AM	530700.000	12.475	17.686
28.435	5933.381	6896.797	3.819
4689.822	168.538	1.002	14.772
12/14/2016 1:30:00 AM	531000.000	12.473	17.687
28.429	5935.496	6899.204	3.821
4691.458	168.478	1.002	14.775
12/14/2016 1:35:00 AM	531300.000	12.474	17.687
28.431	5938.798	6903.028	3.823
4694.060	168.384	1.002	14.773
12/14/2016 1:40:00 AM	531600.000	12.474	17.686
28.431	5939.360	6903.762	3.824
4694.558	168.368	1.002	14.772
12/14/2016 1:45:00 AM	531900.000	12.480	17.686
28.446	5940.479	6905.075	3.824
4695.451	168.337	1.002	14.770
12/14/2016 1:50:00 AM	532200.000	12.475	17.686
28.434	5940.846	6905.514	3.825
4695.750	168.326	1.002	14.772
12/14/2016 1:55:00 AM	532500.000	12.472	17.687
28.427	5943.739	6908.785	3.827
4697.974	168.244	1.002	14.774
12/14/2016 2:00:00 AM	532800.000	12.471	17.687
28.426	5945.237	6910.552	3.828
4699.176	168.202	1.002	14.776
12/14/2016 2:05:00 AM	533100.000	12.475	17.686
28.434	5947.762	6913.501	3.829
4701.182	168.130	1.002	14.777
12/14/2016 2:10:00 AM	533400.000	12.474	17.687
28.433	5949.795	6915.784	3.831
4702.733	168.073	1.002	14.778
12/14/2016 2:15:00 AM	533700.000	12.471	17.686
28.425	5949.910	6915.998	3.831
4702.879	168.070	1.002	14.779
12/14/2016 2:20:00 AM	534000.000	12.472	17.686
28.427	5950.998	6917.274	3.832
4703.746	168.039	1.002	14.779
12/14/2016 2:25:00 AM	534300.000	12.472	17.687
28.428	5952.298	6918.760	3.832
4704.757	168.002	1.002	14.779
12/14/2016 2:30:00 AM	534600.000	12.476	17.687
28.436	5952.966	6919.511	3.833
4705.268	167.983	1.002	14.779
12/14/2016 2:35:00 AM	534900.000	12.475	17.687
28.435	5955.157	6922.028	3.834
4706.980	167.922	1.002	14.779
12/14/2016 2:40:00 AM	535200.000	12.471	17.686
28.425	5955.041	6922.054	3.834
4706.997	167.925	1.002	14.780
12/14/2016 2:45:00 AM	535500.000	12.476	17.686
28.436	5958.448	6925.949	3.837
4709.646	167.829	1.002	14.780
12/14/2016 2:50:00 AM	535800.000	12.472	17.686
28.429	5957.373	6924.739	3.836
4708.823	167.859	1.002	14.779

12/14/2016 2:55:00 AM	536100.000	12.473	17.687
28.430	5958.318	6925.703	3.837
4709.479	167.833	1.002	14.779
12/14/2016 3:00:00 AM	536400.000	12.474	17.687
28.433	5960.598	6928.407	3.838
4711.317	167.768	1.002	14.779
12/14/2016 3:05:00 AM	536700.000	12.473	17.687
28.429	5959.322	6926.898	3.837
4710.291	167.804	1.002	14.779
12/14/2016 3:10:00 AM	537000.000	12.474	17.687
28.432	5960.203	6927.894	3.838
4710.968	167.780	1.002	14.779
12/14/2016 3:15:00 AM	537300.000	12.478	17.687
28.442	5963.537	6931.809	3.840
4713.631	167.686	1.002	14.779
12/14/2016 3:20:00 AM	537600.000	12.474	17.687
28.433	5961.428	6929.318	3.839
4711.937	167.745	1.002	14.780
12/14/2016 3:25:00 AM	537900.000	12.479	17.687
28.443	5963.164	6931.363	3.840
4713.328	167.696	1.002	14.782
12/14/2016 3:30:00 AM	538200.000	12.477	17.687
28.440	5962.792	6930.903	3.840
4713.015	167.707	1.002	14.783
12/14/2016 3:35:00 AM	538500.000	12.475	17.686
28.433	5964.547	6933.050	3.841
4714.474	167.657	1.002	14.781
12/14/2016 3:40:00 AM	538800.000	12.475	17.687
28.434	5964.345	6932.737	3.841
4714.262	167.663	1.002	14.779
12/14/2016 3:45:00 AM	539100.000	12.481	17.687
28.447	5966.751	6935.520	3.842
4716.154	167.595	1.002	14.778
12/14/2016 3:50:00 AM	539400.000	12.478	17.687
28.442	5967.463	6936.361	3.843
4716.726	167.575	1.002	14.774
12/14/2016 3:55:00 AM	539700.000	12.486	17.687
28.458	5969.284	6938.503	3.844
4718.183	167.524	1.002	14.770
12/14/2016 4:00:00 AM	540000.000	12.488	17.687
28.464	5967.708	6936.658	3.843
4716.928	167.569	1.002	14.767
12/14/2016 4:05:00 AM	540300.000	12.489	17.687
28.465	5968.208	6937.240	3.843
4717.323	167.554	1.002	14.767
12/14/2016 4:10:00 AM	540600.000	12.481	17.687
28.448	5967.177	6936.000	3.843
4716.480	167.583	1.002	14.767
12/14/2016 4:15:00 AM	540900.000	12.481	17.686
28.448	5969.018	6938.208	3.844
4717.982	167.532	1.002	14.767
12/14/2016 4:20:00 AM	541200.000	12.482	17.687
28.451	5969.103	6938.292	3.844
4718.040	167.529	1.002	14.766

12/14/2016 4:25:00 AM	541500.000	12.487	17.687
28.462	5967.794	6936.732	3.843
4716.978	167.566	1.002	14.765
12/14/2016 4:30:00 AM	541800.000	12.484	17.687
28.454	5971.625	6941.158	3.846
4719.988	167.459	1.002	14.763
12/14/2016 4:35:00 AM	542100.000	12.485	17.687
28.457	5969.923	6939.207	3.845
4718.661	167.506	1.002	14.761
12/14/2016 4:40:00 AM	542400.000	12.490	17.686
28.469	5969.146	6938.358	3.844
4718.084	167.528	1.002	14.758
12/14/2016 4:45:00 AM	542700.000	12.491	17.687
28.471	5969.667	6938.923	3.844
4718.468	167.514	1.002	14.755
12/14/2016 4:50:00 AM	543000.000	12.494	17.686
28.477	5970.231	6939.630	3.845
4718.949	167.498	1.002	14.756
12/14/2016 4:55:00 AM	543300.000	12.491	17.686
28.471	5969.625	6938.914	3.844
4718.461	167.515	1.002	14.757
12/14/2016 5:00:00 AM	543600.000	12.484	17.687
28.455	5970.370	6939.766	3.845
4719.041	167.494	1.002	14.757
12/14/2016 5:05:00 AM	543900.000	12.488	17.687
28.463	5970.763	6940.130	3.845
4719.289	167.483	1.002	14.759
12/14/2016 5:10:00 AM	544200.000	12.486	17.686
28.460	5972.851	6942.690	3.847
4721.030	167.424	1.002	14.761
12/14/2016 5:15:00 AM	544500.000	12.487	17.687
28.461	5970.306	6939.691	3.845
4718.990	167.496	1.002	14.763
12/14/2016 5:20:00 AM	544800.000	12.484	17.687
28.456	5971.413	6940.952	3.846
4719.847	167.465	1.002	14.761
12/14/2016 5:25:00 AM	545100.000	12.485	17.687
28.457	5971.861	6941.459	3.846
4720.192	167.452	1.002	14.760
12/14/2016 5:30:00 AM	545400.000	12.486	17.687
28.460	5973.329	6943.179	3.847
4721.362	167.411	1.002	14.758
12/14/2016 5:35:00 AM	545700.000	12.489	17.687
28.467	5971.169	6940.655	3.845
4719.646	167.471	1.002	14.759
12/14/2016 5:40:00 AM	546000.000	12.483	17.687
28.453	5972.553	6942.303	3.846
4720.767	167.433	1.002	14.760
12/14/2016 5:45:00 AM	546300.000	12.489	17.687
28.465	5973.627	6943.538	3.847
4721.606	167.402	1.002	14.762
12/14/2016 5:50:00 AM	546600.000	12.482	17.687
28.450	5971.147	6940.535	3.845
4719.563	167.472	1.002	14.762

12/14/2016 5:55:00 AM	546900.000	12.483	17.687
28.453	5971.743	6941.254	3.846
4720.054	167.455	1.002	14.763
12/14/2016 6:00:00 AM	547200.000	12.488	17.686
28.463	5970.679	6940.139	3.845
4719.295	167.485	1.002	14.763
12/14/2016 6:05:00 AM	547500.000	12.489	17.686
28.466	5971.434	6941.028	3.846
4719.899	167.464	1.002	14.762
12/14/2016 6:10:00 AM	547800.000	12.489	17.687
28.465	5971.616	6941.188	3.846
4720.008	167.459	1.002	14.761
12/14/2016 6:15:00 AM	548100.000	12.487	17.687
28.462	5971.637	6941.213	3.846
4720.025	167.458	1.002	14.760
12/14/2016 6:20:00 AM	548400.000	12.493	17.687
28.475	5971.732	6941.350	3.846
4720.118	167.456	1.002	14.759
12/14/2016 6:25:00 AM	548700.000	12.489	17.686
28.467	5970.647	6940.129	3.845
4719.289	167.486	1.002	14.759
12/14/2016 6:30:00 AM	549000.000	12.490	17.687
28.469	5970.583	6939.988	3.845
4719.192	167.488	1.002	14.759
12/14/2016 6:35:00 AM	549300.000	12.487	17.687
28.462	5971.690	6941.246	3.846
4720.047	167.457	1.002	14.760
12/14/2016 6:40:00 AM	549600.000	12.487	17.687
28.461	5968.688	6937.771	3.844
4717.684	167.541	1.002	14.762
12/14/2016 6:45:00 AM	549900.000	12.484	17.687
28.455	5961.248	6929.108	3.839
4711.794	167.750	1.002	14.764
12/14/2016 6:50:00 AM	550200.000	12.489	17.687
28.467	5947.942	6913.642	3.829
4701.277	168.125	1.002	14.764
12/14/2016 6:55:00 AM	550500.000	12.489	17.687
28.467	5931.593	6894.653	3.818
4688.364	168.589	1.002	14.764
12/14/2016 7:00:00 AM	550800.000	12.485	17.687
28.458	5915.280	6875.651	3.807
4675.443	169.054	1.002	14.765
12/14/2016 7:05:00 AM	551100.000	12.484	17.687
28.454	5902.696	6861.024	3.798
4665.497	169.414	1.002	14.766
12/14/2016 7:10:00 AM	551400.000	12.481	17.687
28.447	5892.706	6849.466	3.791
4657.637	169.701	1.002	14.768
12/14/2016 7:15:00 AM	551700.000	12.480	17.687
28.447	5880.103	6834.842	3.783
4647.693	170.065	1.002	14.769
12/14/2016 7:20:00 AM	552000.000	12.488	17.687
28.464	5872.181	6825.595	3.777
4641.405	170.294	1.002	14.766

12/14/2016 7:25:00 AM	552300.000	12.492	17.687
28.473	5861.227	6812.811	3.770
4632.711	170.613	1.002	14.763
12/14/2016 7:30:00 AM	552600.000	12.493	17.687
28.475	5851.977	6802.044	3.763
4625.391	170.882	1.002	14.760
12/14/2016 7:35:00 AM	552900.000	12.490	17.687
28.469	5843.459	6792.158	3.758
4618.667	171.132	1.002	14.760
12/14/2016 7:40:00 AM	553200.000	12.491	17.687
28.470	5834.335	6781.525	3.751
4611.438	171.399	1.002	14.760
12/14/2016 7:45:00 AM	553500.000	12.486	17.687
28.458	5825.245	6771.024	3.745
4604.297	171.667	1.002	14.759
12/14/2016 7:50:00 AM	553800.000	12.487	17.687
28.463	5820.062	6764.920	3.742
4600.146	171.819	1.002	14.758
12/14/2016 7:55:00 AM	554100.000	12.489	17.687
28.467	5810.974	6754.476	3.735
4593.044	172.088	1.002	14.756
12/14/2016 8:00:00 AM	554400.000	12.495	17.687
28.480	5804.080	6746.410	3.731
4587.559	172.293	1.002	14.755
12/14/2016 8:05:00 AM	554700.000	12.494	17.687
28.477	5799.712	6741.346	3.728
4584.116	172.422	1.002	14.757
12/14/2016 8:10:00 AM	555000.000	12.491	17.687
28.470	5793.907	6734.612	3.724
4579.537	172.595	1.002	14.759
12/14/2016 8:15:00 AM	555300.000	12.486	17.687
28.460	5785.602	6724.984	3.718
4572.989	172.843	1.002	14.761
12/14/2016 8:20:00 AM	555600.000	12.486	17.687
28.461	5779.393	6717.663	3.714
4568.011	173.029	1.001	14.762
12/14/2016 8:25:00 AM	555900.000	12.487	17.687
28.461	5774.536	6712.004	3.710
4564.163	173.174	1.001	14.763
12/14/2016 8:30:00 AM	556200.000	12.485	17.687
28.458	5770.608	6707.517	3.708
4561.112	173.292	1.001	14.764
12/14/2016 8:35:00 AM	556500.000	12.492	17.687
28.474	5764.583	6700.541	3.703
4556.368	173.473	1.001	14.763
12/14/2016 8:40:00 AM	556800.000	12.485	17.687
28.457	5759.757	6694.931	3.700
4552.554	173.618	1.001	14.762
12/14/2016 8:45:00 AM	557100.000	12.492	17.687
28.472	5754.220	6688.417	3.696
4548.124	173.785	1.001	14.761
12/14/2016 8:50:00 AM	557400.000	12.495	17.687
28.481	5749.759	6683.256	3.693
4544.614	173.920	1.001	14.759

12/14/2016 8:55:00 AM	557700.000	12.495	17.687
28.481	5743.585	6676.056	3.689
4539.718	174.107	1.001	14.758
12/14/2016 9:00:00 AM	558000.000	12.497	17.687
28.484	5736.986	6668.463	3.685
4534.555	174.308	1.001	14.757
12/14/2016 9:05:00 AM	558300.000	12.491	17.687
28.471	5732.666	6663.414	3.682
4531.122	174.439	1.001	14.763
12/14/2016 9:10:00 AM	558600.000	12.484	17.687
28.456	5728.424	6658.433	3.679
4527.735	174.568	1.001	14.770
12/14/2016 9:15:00 AM	558900.000	12.479	17.687
28.444	5724.088	6653.417	3.676
4524.324	174.700	1.001	14.777
12/14/2016 9:20:00 AM	559200.000	12.481	17.687
28.448	5719.698	6648.379	3.673
4520.898	174.834	1.001	14.775
12/14/2016 9:25:00 AM	559500.000	12.484	17.687
28.455	5716.998	6645.229	3.671
4518.756	174.917	1.001	14.774
12/14/2016 9:30:00 AM	559800.000	12.482	17.687
28.450	5711.787	6639.108	3.667
4514.594	175.077	1.001	14.773
12/14/2016 9:35:00 AM	560100.000	12.485	17.687
28.457	5708.249	6635.060	3.665
4511.841	175.185	1.001	14.774
12/14/2016 9:40:00 AM	560400.000	12.481	17.687
28.448	5703.300	6629.255	3.661
4507.894	175.337	1.001	14.775
12/14/2016 9:45:00 AM	560700.000	12.485	17.686
28.456	5699.451	6624.883	3.659
4504.920	175.455	1.001	14.775
12/14/2016 9:50:00 AM	561000.000	12.487	17.687
28.462	5696.496	6621.346	3.657
4502.516	175.547	1.001	14.774
12/14/2016 9:55:00 AM	561300.000	12.490	17.687
28.468	5692.599	6616.816	3.654
4499.436	175.667	1.001	14.772
12/14/2016 10:00:00 AM	561600.000	12.487	17.687
28.461	5688.931	6612.617	3.652
4496.580	175.780	1.001	14.770
12/14/2016 10:05:00 AM	561900.000	12.487	17.687
28.462	5686.446	6609.690	3.650
4494.590	175.857	1.001	14.771
12/14/2016 10:10:00 AM	562200.000	12.480	17.687
28.446	5681.658	6604.113	3.647
4490.797	176.005	1.001	14.772
12/14/2016 10:15:00 AM	562500.000	12.483	17.687
28.453	5679.899	6602.119	3.645
4489.441	176.059	1.001	14.773
12/14/2016 10:20:00 AM	562800.000	12.481	17.687
28.448	5676.652	6598.333	3.643
4486.867	176.160	1.001	14.772

12/14/2016 10:25:00 AM	563100.000	12.484	17.687
28.456	5671.399	6592.174	3.640
4482.679	176.323	1.001	14.771
12/14/2016 10:30:00 AM	563400.000	12.485	17.687
28.457	5670.097	6590.650	3.639
4481.642	176.364	1.001	14.769
12/14/2016 10:35:00 AM	563700.000	12.487	17.687
28.462	5668.067	6588.251	3.637
4480.011	176.427	1.001	14.771
12/14/2016 10:40:00 AM	564000.000	12.482	17.687
28.449	5665.038	6584.794	3.635
4477.660	176.521	1.001	14.772
12/14/2016 10:45:00 AM	564300.000	12.479	17.687
28.444	5664.545	6584.208	3.635
4477.262	176.537	1.001	14.774
12/14/2016 10:50:00 AM	564600.000	12.485	17.687
28.457	5662.118	6581.400	3.633
4475.353	176.612	1.001	14.772
12/14/2016 10:55:00 AM	564900.000	12.482	17.686
28.449	5657.470	6576.111	3.630
4471.756	176.757	1.001	14.771
12/14/2016 11:00:00 AM	565200.000	12.486	17.687
28.459	5657.175	6575.681	3.630
4471.463	176.767	1.001	14.769
12/14/2016 11:05:00 AM	565500.000	12.487	17.687
28.463	5654.970	6573.040	3.628
4469.668	176.836	1.001	14.769
12/14/2016 11:10:00 AM	565800.000	12.483	17.687
28.453	5651.978	6569.652	3.626
4467.364	176.929	1.001	14.768
12/14/2016 11:15:00 AM	566100.000	12.479	17.687
28.443	5649.752	6567.039	3.625
4465.586	176.999	1.001	14.768
12/14/2016 11:20:00 AM	566400.000	12.478	17.687
28.441	5649.798	6567.042	3.625
4465.588	176.997	1.001	14.768
12/14/2016 11:25:00 AM	566700.000	12.479	17.687
28.444	5647.896	6564.908	3.623
4464.138	177.057	1.001	14.768
12/14/2016 11:30:00 AM	567000.000	12.476	17.687
28.436	5645.485	6562.042	3.622
4462.188	177.133	1.001	14.768
12/14/2016 11:35:00 AM	567300.000	12.476	17.687
28.436	5644.284	6560.670	3.621
4461.256	177.170	1.001	14.768
12/14/2016 11:40:00 AM	567600.000	12.474	17.686
28.431	5642.893	6559.130	3.620
4460.209	177.214	1.001	14.767
12/14/2016 11:45:00 AM	567900.000	12.475	17.687
28.434	5640.358	6556.119	3.618
4458.161	177.294	1.001	14.766
12/14/2016 11:50:00 AM	568200.000	12.484	17.687
28.454	5639.864	6555.509	3.618
4457.747	177.309	1.001	14.763

12/14/2016 11:55:00 AM	568500.000	12.484	17.687
28.456	5638.151	6553.581	3.617
4456.435	177.363	1.001	14.760
12/14/2016 12:00:00 PM	568800.000	12.485	17.686
28.457	5635.583	6550.644	3.615
4454.438	177.444	1.001	14.756
12/14/2016 12:05:00 PM	569100.000	12.484	17.686
28.456	5633.180	6547.852	3.613
4452.540	177.520	1.001	14.757
12/14/2016 12:10:00 PM	569400.000	12.484	17.687
28.455	5635.394	6550.375	3.615
4454.255	177.450	1.001	14.757
12/14/2016 12:15:00 PM	569700.000	12.477	17.687
28.439	5632.300	6546.728	3.613
4451.775	177.547	1.001	14.757
12/14/2016 12:20:00 PM	570000.000	12.480	17.687
28.445	5631.512	6545.801	3.612
4451.145	177.572	1.001	14.755
12/14/2016 12:25:00 PM	570300.000	12.480	17.687
28.446	5629.887	6543.872	3.611
4449.833	177.623	1.001	14.752
12/14/2016 12:30:00 PM	570600.000	12.489	17.687
28.466	5629.791	6543.874	3.611
4449.835	177.626	1.001	14.749
12/14/2016 12:35:00 PM	570900.000	12.481	17.687
28.449	5626.207	6539.658	3.609
4446.968	177.740	1.001	14.750
12/14/2016 12:40:00 PM	571200.000	12.485	17.687
28.457	5627.666	6541.380	3.610
4448.138	177.694	1.001	14.750
12/14/2016 12:45:00 PM	571500.000	12.477	17.686
28.440	5626.638	6540.236	3.609
4447.361	177.726	1.001	14.750
12/14/2016 12:50:00 PM	571800.000	12.482	17.686
28.449	5626.840	6540.471	3.609
4447.520	177.720	1.001	14.750
12/14/2016 12:55:00 PM	572100.000	12.477	17.687
28.439	5624.426	6537.652	3.607
4445.604	177.796	1.001	14.750
12/14/2016 1:00:00 PM	572400.000	12.477	17.687
28.438	5623.969	6537.069	3.607
4445.207	177.810	1.001	14.750
12/14/2016 1:05:00 PM	572700.000	12.474	17.687
28.431	5622.594	6535.522	3.606
4444.155	177.854	1.001	14.751
12/14/2016 1:10:00 PM	573000.000	12.478	17.687
28.442	5621.689	6534.446	3.606
4443.424	177.882	1.001	14.751
12/14/2016 1:15:00 PM	573300.000	12.474	17.687
28.431	5623.103	6536.062	3.606
4444.522	177.838	1.001	14.751
12/14/2016 1:20:00 PM	573600.000	12.472	17.686
28.428	5621.735	6534.538	3.606
4443.486	177.881	1.001	14.751

12/14/2016 1:25:00 PM	573900.000	12.476	17.687
28.436	5621.832	6534.585	3.606
4443.518	177.878	1.001	14.750
12/14/2016 1:30:00 PM	574200.000	12.470	17.687
28.423	5621.462	6534.183	3.605
4443.245	177.890	1.001	14.750
12/14/2016 1:35:00 PM	574500.000	12.476	17.687
28.437	5619.436	6531.827	3.604
4441.642	177.954	1.001	14.749
12/14/2016 1:40:00 PM	574800.000	12.471	17.686
28.425	5620.422	6533.021	3.605
4442.455	177.923	1.001	14.748
12/14/2016 1:45:00 PM	575100.000	12.470	17.687
28.423	5617.687	6529.806	3.603
4440.268	178.009	1.001	14.747
12/14/2016 1:50:00 PM	575400.000	12.468	17.687
28.419	5618.331	6530.566	3.603
4440.786	177.989	1.001	14.746
12/14/2016 1:55:00 PM	575700.000	12.474	17.687
28.432	5618.614	6530.859	3.603
4440.984	177.980	1.001	14.744
12/14/2016 2:00:00 PM	576000.000	12.475	17.687
28.434	5618.290	6530.481	3.603
4440.728	177.990	1.001	14.742
12/14/2016 2:05:00 PM	576300.000	12.470	17.687
28.424	5616.154	6527.986	3.602
4439.031	178.058	1.001	14.742
12/14/2016 2:10:00 PM	576600.000	12.469	17.686
28.421	5616.353	6528.306	3.602
4439.248	178.051	1.001	14.742
12/14/2016 2:15:00 PM	576900.000	12.470	17.686
28.423	5617.510	6529.626	3.603
4440.146	178.015	1.001	14.743
12/14/2016 2:20:00 PM	577200.000	12.472	17.687
28.428	5617.310	6529.329	3.603
4439.944	178.021	1.001	14.744
12/14/2016 2:25:00 PM	577500.000	12.470	17.687
28.423	5616.067	6527.898	3.602
4438.971	178.061	1.001	14.746
12/14/2016 2:30:00 PM	577800.000	12.470	17.686
28.423	5617.081	6529.177	3.602
4439.840	178.028	1.001	14.747
12/14/2016 2:35:00 PM	578100.000	12.473	17.687
28.429	5615.500	6527.239	3.601
4438.523	178.079	1.001	14.745
12/14/2016 2:40:00 PM	578400.000	12.467	17.687
28.416	5618.055	6530.233	3.603
4440.559	177.998	1.001	14.742
12/14/2016 2:45:00 PM	578700.000	12.474	17.687
28.432	5617.047	6529.038	3.602
4439.746	178.029	1.001	14.740
12/14/2016 2:50:00 PM	579000.000	12.467	17.687
28.417	5618.154	6530.310	3.603
4440.611	177.994	1.001	14.742

12/14/2016 2:55:00 PM	579300.000	12.464	17.687
28.409	5616.439	6528.305	3.602
4439.248	178.049	1.001	14.745
12/14/2016 3:00:00 PM	579600.000	12.460	17.687
28.401	5616.355	6528.208	3.602
4439.182	178.051	1.001	14.747
12/14/2016 3:05:00 PM	579900.000	12.467	17.686
28.416	5616.452	6528.407	3.602
4439.317	178.048	1.001	14.744
12/14/2016 3:10:00 PM	580200.000	12.466	17.687
28.413	5616.631	6528.553	3.602
4439.417	178.043	1.001	14.740
12/14/2016 3:15:00 PM	580500.000	12.469	17.687
28.421	5616.333	6528.231	3.602
4439.198	178.052	1.001	14.736
12/14/2016 3:20:00 PM	580800.000	12.473	17.687
28.430	5617.137	6529.154	3.602
4439.826	178.027	1.001	14.738
12/14/2016 3:25:00 PM	581100.000	12.469	17.687
28.421	5617.286	6529.328	3.603
4439.943	178.022	1.001	14.740
12/14/2016 3:30:00 PM	581400.000	12.463	17.687
28.407	5617.989	6530.157	3.603
4440.507	178.000	1.001	14.742
12/14/2016 3:35:00 PM	581700.000	12.463	17.686
28.407	5619.526	6531.995	3.604
4441.757	177.951	1.001	14.740
12/14/2016 3:40:00 PM	582000.000	12.469	17.687
28.421	5620.009	6532.455	3.604
4442.069	177.936	1.001	14.738
12/14/2016 3:45:00 PM	582300.000	12.471	17.686
28.424	5618.778	6531.125	3.604
4441.166	177.975	1.001	14.736
12/14/2016 3:50:00 PM	582600.000	12.467	17.686
28.417	5620.792	6533.441	3.605
4442.740	177.911	1.001	14.735
12/14/2016 3:55:00 PM	582900.000	12.472	17.687
28.427	5620.811	6533.336	3.605
4442.668	177.910	1.001	14.733
12/14/2016 4:00:00 PM	583200.000	12.475	17.687
28.433	5621.614	6534.359	3.605
4443.365	177.885	1.001	14.731
12/14/2016 4:05:00 PM	583500.000	12.465	17.687
28.410	5622.877	6535.852	3.606
4444.379	177.845	1.001	14.736
12/14/2016 4:10:00 PM	583800.000	12.465	17.686
28.412	5622.037	6534.888	3.606
4443.724	177.871	1.001	14.740
12/14/2016 4:15:00 PM	584100.000	12.458	17.686
28.396	5624.361	6537.590	3.607
4445.562	177.798	1.001	14.744
12/14/2016 4:20:00 PM	584400.000	12.460	17.687
28.400	5624.024	6537.147	3.607
4445.260	177.809	1.001	14.742

12/14/2016 4:25:00 PM	584700.000	12.468	17.687
28.418	5625.640	6539.012	3.608
4446.528	177.758	1.001	14.740
12/14/2016 4:30:00 PM	585000.000	12.465	17.686
28.411	5625.928	6539.461	3.608
4446.833	177.748	1.001	14.739
12/14/2016 4:35:00 PM	585300.000	12.471	17.687
28.424	5628.116	6541.878	3.610
4448.477	177.679	1.001	14.738
12/14/2016 4:40:00 PM	585600.000	12.471	17.686
28.426	5627.404	6541.126	3.609
4447.966	177.702	1.001	14.737
12/14/2016 4:45:00 PM	585900.000	12.472	17.686
28.428	5627.802	6541.600	3.610
4448.289	177.689	1.001	14.736
12/14/2016 4:50:00 PM	586200.000	12.467	17.687
28.416	5627.939	6541.685	3.610
4448.346	177.685	1.001	14.736
12/14/2016 4:55:00 PM	586500.000	12.469	17.687
28.421	5629.285	6543.262	3.611
4449.418	177.642	1.001	14.737
12/14/2016 5:00:00 PM	586800.000	12.470	17.687
28.422	5629.201	6543.188	3.611
4449.369	177.645	1.001	14.738
12/14/2016 5:05:00 PM	587100.000	12.465	17.687
28.412	5629.869	6543.965	3.611
4449.896	177.624	1.001	14.739
12/14/2016 5:10:00 PM	587400.000	12.464	17.686
28.410	5630.691	6544.948	3.612
4450.565	177.598	1.001	14.740
12/14/2016 5:15:00 PM	587700.000	12.463	17.686
28.406	5630.118	6544.281	3.611
4450.111	177.616	1.001	14.740
12/14/2016 5:20:00 PM	588000.000	12.462	17.687
28.404	5629.879	6543.914	3.611
4449.862	177.624	1.001	14.740
12/14/2016 5:25:00 PM	588300.000	12.466	17.687
28.414	5627.794	6541.554	3.610
4448.257	177.689	1.001	14.740
12/14/2016 5:30:00 PM	588600.000	12.467	17.686
28.415	5630.537	6544.817	3.612
4450.476	177.603	1.001	14.740
12/14/2016 5:35:00 PM	588900.000	12.467	17.687
28.416	5630.282	6544.434	3.611
4450.215	177.611	1.001	14.739
12/14/2016 5:40:00 PM	589200.000	12.462	17.687
28.405	5629.257	6543.254	3.611
4449.413	177.643	1.001	14.739
12/14/2016 5:45:00 PM	589500.000	12.462	17.686
28.404	5631.112	6545.462	3.612
4450.915	177.585	1.001	14.738
12/14/2016 5:50:00 PM	589800.000	12.462	17.686
28.405	5630.090	6544.249	3.611
4450.089	177.617	1.001	14.739

12/14/2016 5:55:00 PM	590100.000	12.468	17.687
28.419	5630.345	6544.532	3.611
4450.282	177.609	1.001	14.740
12/14/2016 6:00:00 PM	590400.000	12.468	17.687
28.418	5631.212	6545.527	3.612
4450.958	177.582	1.001	14.741
12/14/2016 6:05:00 PM	590700.000	12.469	17.687
28.421	5630.641	6544.863	3.612
4450.507	177.600	1.001	14.740
12/14/2016 6:10:00 PM	591000.000	12.466	17.687
28.413	5629.913	6544.005	3.611
4449.924	177.623	1.001	14.739
12/14/2016 6:15:00 PM	591300.000	12.463	17.687
28.406	5631.699	6546.082	3.612
4451.335	177.566	1.001	14.739
12/14/2016 6:20:00 PM	591600.000	12.462	17.686
28.405	5631.820	6546.260	3.612
4451.457	177.562	1.001	14.738
12/14/2016 6:25:00 PM	591900.000	12.464	17.687
28.410	5631.543	6545.925	3.612
4451.229	177.571	1.001	14.738
12/14/2016 6:30:00 PM	592200.000	12.463	17.687
28.408	5630.699	6544.918	3.612
4450.545	177.598	1.001	14.737
12/14/2016 6:35:00 PM	592500.000	12.469	17.686
28.421	5631.229	6545.583	3.612
4450.997	177.581	1.001	14.737
12/14/2016 6:40:00 PM	592800.000	12.468	17.687
28.419	5632.509	6546.996	3.613
4451.958	177.541	1.001	14.737
12/14/2016 6:45:00 PM	593100.000	12.463	17.687
28.407	5632.601	6547.154	3.613
4452.065	177.538	1.001	14.737
12/14/2016 6:50:00 PM	593400.000	12.468	17.686
28.418	5632.471	6547.027	3.613
4451.979	177.542	1.001	14.736
12/14/2016 6:55:00 PM	593700.000	12.468	17.687
28.419	5630.430	6544.567	3.611
4450.306	177.606	1.001	14.736
12/14/2016 7:00:00 PM	594000.000	12.464	17.687
28.408	5631.292	6545.607	3.612
4451.014	177.579	1.001	14.736
12/14/2016 7:05:00 PM	594300.000	12.465	17.686
28.411	5631.395	6545.766	3.612
4451.121	177.576	1.001	14.738
12/14/2016 7:10:00 PM	594600.000	12.464	17.687
28.409	5631.556	6545.901	3.612
4451.213	177.571	1.001	14.740
12/14/2016 7:15:00 PM	594900.000	12.464	17.687
28.409	5632.540	6547.058	3.613
4452.000	177.540	1.001	14.742
12/14/2016 7:20:00 PM	595200.000	12.460	17.687
28.400	5630.468	6544.662	3.612
4450.370	177.605	1.001	14.739

12/14/2016 7:25:00 PM	595500.000	12.465	17.687
28.411	5631.406	6545.741	3.612
4451.104	177.576	1.001	14.735
12/14/2016 7:30:00 PM	595800.000	12.467	17.686
28.417	5632.728	6547.315	3.613
4452.175	177.534	1.001	14.732
12/14/2016 7:35:00 PM	596100.000	12.468	17.687
28.418	5631.216	6545.520	3.612
4450.954	177.582	1.001	14.732
12/14/2016 7:40:00 PM	596400.000	12.462	17.687
28.404	5631.823	6546.198	3.612
4451.415	177.562	1.001	14.733
12/14/2016 7:45:00 PM	596700.000	12.460	17.686
28.400	5630.266	6544.463	3.611
4450.235	177.612	1.001	14.733
12/14/2016 7:50:00 PM	597000.000	12.462	17.687
28.404	5630.781	6545.000	3.612
4450.601	177.595	1.001	14.732
12/14/2016 7:55:00 PM	597300.000	12.465	17.686
28.412	5632.425	6546.963	3.613
4451.935	177.543	1.001	14.731
12/14/2016 8:00:00 PM	597600.000	12.461	17.687
28.402	5630.435	6544.623	3.612
4450.344	177.606	1.001	14.730
12/14/2016 8:05:00 PM	597900.000	12.462	17.687
28.405	5631.041	6545.328	3.612
4450.823	177.587	1.001	14.730
12/14/2016 8:10:00 PM	598200.000	12.466	17.686
28.413	5631.511	6545.950	3.612
4451.246	177.572	1.001	14.730
12/14/2016 8:15:00 PM	598500.000	12.469	17.687
28.420	5629.771	6543.813	3.611
4449.793	177.627	1.001	14.730
12/14/2016 8:20:00 PM	598800.000	12.460	17.687
28.399	5630.313	6544.418	3.611
4450.205	177.610	1.001	14.731
12/14/2016 8:25:00 PM	599100.000	12.464	17.686
28.410	5631.173	6545.508	3.612
4450.945	177.583	1.001	14.733
12/14/2016 8:30:00 PM	599400.000	12.458	17.687
28.396	5629.955	6544.041	3.611
4449.948	177.621	1.001	14.735
12/14/2016 8:35:00 PM	599700.000	12.464	17.686
28.410	5630.197	6544.373	3.611
4450.173	177.614	1.001	14.735
12/14/2016 8:40:00 PM	600000.000	12.459	17.687
28.398	5631.091	6545.386	3.612
4450.863	177.585	1.001	14.735
12/14/2016 8:45:00 PM	600300.000	12.466	17.687
28.413	5631.714	6546.110	3.612
4451.355	177.566	1.001	14.736
12/14/2016 8:50:00 PM	600600.000	12.463	17.687
28.407	5631.312	6545.631	3.612
4451.029	177.579	1.001	14.739

12/14/2016 8:55:00 PM	600900.000	12.459	17.687
28.397	5630.296	6544.462	3.611
4450.234	177.611	1.001	14.742
12/14/2016 9:00:00 PM	601200.000	12.458	17.687
28.396	5631.364	6545.703	3.612
4451.078	177.577	1.001	14.746
12/14/2016 9:05:00 PM	601500.000	12.462	17.687
28.404	5633.411	6548.096	3.614
4452.706	177.512	1.001	14.745
12/14/2016 9:10:00 PM	601800.000	12.463	17.686
28.407	5640.365	6556.280	3.618
4458.271	177.293	1.001	14.744
12/14/2016 9:15:00 PM	602100.000	12.459	17.686
28.399	5658.939	6577.792	3.631
4472.899	176.712	1.001	14.743
12/14/2016 9:20:00 PM	602400.000	12.459	17.686
28.398	5679.243	6601.457	3.645
4488.991	176.080	1.001	14.743
12/14/2016 9:25:00 PM	602700.000	12.458	17.687
28.395	5695.610	6620.394	3.656
4501.868	175.574	1.001	14.743
12/14/2016 9:30:00 PM	603000.000	12.459	17.686
28.397	5712.396	6639.930	3.668
4515.152	175.058	1.001	14.743
12/14/2016 9:35:00 PM	603300.000	12.458	17.686
28.396	5724.745	6654.401	3.676
4524.993	174.680	1.001	14.743
12/14/2016 9:40:00 PM	603600.000	12.458	17.686
28.396	5735.132	6666.346	3.683
4533.115	174.364	1.001	14.743
12/14/2016 9:45:00 PM	603900.000	12.464	17.686
28.410	5747.669	6680.945	3.692
4543.043	173.984	1.001	14.743
12/14/2016 9:50:00 PM	604200.000	12.464	17.686
28.410	5756.493	6691.187	3.698
4550.007	173.717	1.001	14.743
12/14/2016 9:55:00 PM	604500.000	12.459	17.687
28.398	5766.516	6702.812	3.705
4557.912	173.415	1.001	14.744
12/14/2016 10:00:00 PM	604800.000	12.460	17.686
28.400	5773.113	6710.559	3.709
4563.181	173.217	1.001	14.744
12/14/2016 10:05:00 PM	605100.000	12.459	17.687
28.398	5781.175	6719.852	3.715
4569.500	172.975	1.001	14.744
12/14/2016 10:10:00 PM	605400.000	12.465	17.686
28.411	5791.208	6731.553	3.722
4577.457	172.676	1.002	14.744
12/14/2016 10:15:00 PM	605700.000	12.465	17.687
28.411	5797.945	6739.345	3.726
4582.755	172.475	1.002	14.744
12/14/2016 10:20:00 PM	606000.000	12.466	17.686
28.414	5804.712	6747.275	3.731
4588.147	172.274	1.002	14.742

12/14/2016 10:25:00 PM	606300.000	12.463	17.686
28.407	5812.491	6756.277	3.736
4594.269	172.043	1.002	14.740
12/14/2016 10:30:00 PM	606600.000	12.467	17.687
28.416	5819.482	6764.379	3.741
4599.778	171.837	1.002	14.738
12/14/2016 10:35:00 PM	606900.000	12.465	17.686
28.411	5823.985	6769.730	3.744
4603.417	171.704	1.002	14.741
12/14/2016 10:40:00 PM	607200.000	12.458	17.686
28.396	5831.076	6777.907	3.749
4608.977	171.495	1.002	14.743
12/14/2016 10:45:00 PM	607500.000	12.456	17.686
28.392	5834.583	6782.036	3.752
4611.785	171.392	1.002	14.745
12/14/2016 10:50:00 PM	607800.000	12.459	17.686
28.399	5838.780	6786.889	3.754
4615.084	171.269	1.002	14.744
12/14/2016 10:55:00 PM	608100.000	12.459	17.686
28.398	5846.219	6795.497	3.760
4620.938	171.051	1.002	14.743
12/14/2016 11:00:00 PM	608400.000	12.457	17.686
28.393	5849.828	6799.677	3.762
4623.781	170.945	1.002	14.742
12/14/2016 11:05:00 PM	608700.000	12.459	17.686
28.398	5855.803	6806.637	3.766
4628.513	170.771	1.002	14.742
12/14/2016 11:10:00 PM	609000.000	12.459	17.686
28.397	5858.948	6810.304	3.768
4631.007	170.679	1.002	14.742
12/14/2016 11:15:00 PM	609300.000	12.460	17.686
28.401	5864.667	6816.953	3.772
4635.528	170.513	1.002	14.742
12/14/2016 11:20:00 PM	609600.000	12.456	17.687
28.392	5866.897	6819.492	3.774
4637.255	170.448	1.002	14.742
12/14/2016 11:25:00 PM	609900.000	12.462	17.686
28.404	5870.516	6823.739	3.776
4640.143	170.343	1.002	14.741
12/14/2016 11:30:00 PM	610200.000	12.463	17.686
28.407	5874.775	6828.701	3.779
4643.518	170.219	1.002	14.741
12/14/2016 11:35:00 PM	610500.000	12.457	17.686
28.393	5879.104	6833.722	3.782
4646.931	170.094	1.002	14.742
12/14/2016 11:40:00 PM	610800.000	12.463	17.686
28.408	5882.465	6837.602	3.784
4649.569	169.997	1.002	14.743
12/14/2016 11:45:00 PM	611100.000	12.462	17.687
28.405	5886.487	6842.263	3.787
4652.740	169.881	1.002	14.744
12/14/2016 11:50:00 PM	611400.000	12.464	17.687
28.409	5889.814	6846.117	3.790
4655.360	169.785	1.002	14.744

12/14/2016 11:55:00 PM	611700.000	12.464	17.686
28.409	5891.489	6848.144	3.791
4656.738	169.736	1.002	14.744

Report Date: 12/19/2016 10:29:35 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-5D Pre Test_2016-12-15_15-43-52-423-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 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
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 742
Sensors: 2
1 - 398697: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: PCTD(A) 658.7ft SN#: 398697	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
12/8/2016 12:14:45 AM	7200.000	144.667	21.342	329.741	5293.239	5690.788	3.119	3.870	188.920	1.000	14.783
12/8/2016 12:29:45 AM	8100.000	144.706	21.348	329.830	5294.021	5690.942	3.120	3.870	188.892	1.000	14.783
12/8/2016 12:44:45 AM	9000.000	144.674	21.345	329.756	5293.353	5690.665	3.119	3.870	188.916	1.000	14.771
12/8/2016 12:59:45 AM	9900.000	144.709	21.345	329.837	5293.430	5690.706	3.119	3.870	188.913	1.000	14.774
12/8/2016 1:14:45 AM	10800.000	144.670	21.349	329.747	5293.880	5690.761	3.119				

3.870	188.897	1.000	14.774
12/8/2016 1:29:45 AM	11700.000	144.715	21.349
329.851	5295.108	5692.020	3.120
3.871	188.854	1.000	14.771
12/8/2016 1:44:45 AM	12600.000	144.685	21.352
329.781	5294.911	5691.521	3.120
3.870	188.861	1.000	14.769
12/8/2016 1:59:45 AM	13500.000	144.713	21.352
329.847	5295.944	5692.611	3.121
3.871	188.824	1.000	14.768
12/8/2016 2:14:45 AM	14400.000	144.698	21.353
329.812	5296.795	5693.382	3.121
3.872	188.793	1.000	14.766
12/8/2016 2:29:45 AM	15300.000	144.684	21.354
329.779	5296.260	5692.654	3.121
3.871	188.812	1.000	14.772
12/8/2016 2:44:45 AM	16200.000	144.723	21.346
329.867	5294.717	5691.969	3.120
3.871	188.867	1.000	14.770
12/8/2016 2:59:45 AM	17100.000	144.702	21.338
329.821	5288.456	5686.188	3.117
3.867	189.091	1.000	14.765
12/8/2016 3:14:45 AM	18000.000	144.703	21.330
329.822	5283.357	5681.667	3.114
3.864	189.274	1.000	14.765
12/8/2016 3:29:45 AM	18900.000	144.714	21.316
329.847	5275.261	5674.522	3.110
3.859	189.564	1.000	14.761
12/8/2016 3:44:45 AM	19800.000	144.729	21.307
329.883	5268.996	5668.826	3.107
3.855	189.789	1.000	14.757
12/8/2016 3:59:45 AM	20700.000	144.724	21.309
329.870	5263.583	5662.818	3.103
3.851	189.985	1.000	14.767
12/8/2016 4:14:45 AM	21600.000	144.732	21.313
329.890	5262.666	5661.362	3.102
3.850	190.018	1.000	14.760
12/8/2016 4:29:45 AM	22500.000	144.746	21.310
329.920	5262.854	5661.922	3.103
3.850	190.011	1.000	14.760
12/8/2016 4:44:45 AM	23400.000	144.739	21.312
329.905	5261.840	5660.537	3.102
3.849	190.048	1.000	14.763
12/8/2016 4:59:45 AM	24300.000	144.752	21.313
329.935	5261.886	5660.565	3.102
3.849	190.046	1.000	14.762
12/8/2016 5:14:45 AM	25200.000	144.758	21.315
329.947	5264.715	5663.363	3.103
3.851	189.944	1.000	14.757
12/8/2016 5:29:45 AM	26100.000	144.756	21.314
329.944	5263.199	5661.753	3.102
3.850	189.999	1.000	14.768
12/8/2016 5:44:45 AM	27000.000	144.757	21.317
329.945	5265.004	5663.358	3.103
3.851	189.933	1.000	14.770
12/8/2016 5:59:45 AM	27900.000	144.767	21.319

329.968	5265.760	5663.977	3.104
3.852	189.906	1.000	14.770
12/8/2016 6:14:45 AM	28800.000	144.772	21.320
329.981	5267.141	5665.391	3.105
3.852	189.856	1.000	14.767
12/8/2016 6:29:45 AM	29700.000	144.771	21.318
329.977	5269.315	5667.955	3.106
3.854	189.778	1.000	14.779
12/8/2016 6:44:45 AM	30600.000	144.776	21.319
329.990	5271.813	5670.538	3.108
3.856	189.688	1.000	14.770
12/8/2016 6:59:45 AM	31500.000	144.774	21.324
329.985	5274.693	5672.982	3.109
3.858	189.585	1.000	14.777
12/8/2016 7:14:45 AM	32400.000	144.781	21.323
330.000	5277.147	5675.808	3.111
3.860	189.496	1.000	14.782
12/8/2016 7:29:45 AM	33300.000	144.798	21.329
330.039	5279.384	5677.456	3.112
3.861	189.416	1.000	14.774
12/8/2016 7:44:45 AM	34200.000	144.804	21.330
330.054	5281.830	5679.974	3.113
3.862	189.328	1.000	14.779
12/8/2016 7:59:45 AM	35100.000	144.759	21.332
329.950	5284.144	5682.237	3.114
3.864	189.245	1.000	14.783
12/8/2016 8:14:45 AM	36000.000	144.806	21.327
330.056	5286.823	5685.671	3.116
3.866	189.150	1.000	14.782
12/8/2016 8:29:45 AM	36900.000	144.806	21.336
330.056	5289.738	5687.771	3.118
3.868	189.045	1.000	14.787
12/8/2016 8:44:45 AM	37800.000	144.811	21.331
330.069	5291.481	5690.250	3.119
3.869	188.983	1.000	14.793
12/8/2016 8:59:45 AM	38700.000	144.844	21.336
330.145	5292.998	5691.318	3.120
3.870	188.929	1.000	14.795
12/8/2016 9:14:45 AM	39600.000	144.853	21.332
330.165	5293.362	5692.099	3.120
3.871	188.916	1.000	14.797
12/8/2016 9:29:45 AM	40500.000	144.835	21.330
330.123	5293.871	5692.922	3.121
3.871	188.898	1.000	14.798
12/8/2016 9:44:45 AM	41400.000	144.826	21.328
330.103	5294.536	5693.916	3.121
3.872	188.874	1.000	14.809
12/8/2016 9:59:45 AM	42300.000	144.832	21.331
330.118	5295.270	5694.324	3.122
3.872	188.848	1.000	14.814
12/8/2016 10:14:45 AM	43200.000	144.827	21.330
330.105	5296.158	5695.402	3.122
3.873	188.816	1.000	14.809
12/8/2016 10:29:45 AM	44100.000	144.845	21.333
330.146	5296.567	5695.494	3.122
3.873	188.802	1.000	14.803

12/8/2016 10:44:45 AM	45000.000	144.842	21.333
330.139	5297.478	5696.454	3.123
3.874	188.769	1.000	14.808
12/8/2016 10:59:45 AM	45900.000	144.842	21.333
330.140	5298.795	5697.921	3.124
3.875	188.722	1.000	14.812
12/8/2016 11:14:45 AM	46800.000	144.854	21.331
330.166	5299.845	5699.213	3.124
3.875	188.685	1.000	14.803
12/8/2016 11:29:45 AM	47700.000	144.863	21.336
330.188	5300.678	5699.515	3.125
3.876	188.655	1.000	14.796
12/8/2016 11:44:45 AM	48600.000	144.861	21.335
330.182	5300.832	5699.854	3.125
3.876	188.650	1.000	14.799
12/8/2016 11:59:45 AM	49500.000	144.867	21.338
330.197	5302.372	5701.100	3.126
3.877	188.595	1.000	14.792
12/8/2016 12:14:45 PM	50400.000	144.874	21.332
330.212	5301.883	5701.262	3.126
3.877	188.612	1.000	14.790
12/8/2016 12:29:45 PM	51300.000	144.914	21.333
330.304	5302.214	5701.577	3.126
3.877	188.600	1.000	14.791
12/8/2016 12:44:45 PM	52200.000	144.871	21.334
330.206	5303.814	5703.102	3.127
3.878	188.544	1.000	14.798
12/8/2016 12:59:45 PM	53100.000	144.923	21.327
330.323	5303.925	5704.074	3.127
3.879	188.540	1.000	14.792
12/8/2016 1:14:45 PM	54000.000	144.880	21.328
330.227	5304.864	5705.022	3.128
3.879	188.506	1.000	14.796
12/8/2016 1:29:45 PM	54900.000	144.878	21.327
330.223	5305.296	5705.619	3.128
3.880	188.491	1.000	14.796
12/8/2016 1:44:45 PM	55800.000	144.886	21.335
330.239	5306.482	5705.889	3.128
3.880	188.449	1.000	14.796
12/8/2016 1:59:45 PM	56700.000	144.893	21.332
330.255	5306.190	5705.965	3.128
3.880	188.459	1.000	14.796
12/8/2016 2:14:45 PM	57600.000	144.895	21.328
330.260	5307.056	5707.307	3.129
3.881	188.428	1.000	14.797
12/8/2016 2:29:45 PM	58500.000	144.899	21.335
330.270	5308.638	5708.258	3.130
3.882	188.372	1.000	14.799
12/8/2016 2:44:45 PM	59400.000	144.896	21.329
330.263	5308.606	5708.860	3.130
3.882	188.373	1.000	14.804
12/8/2016 2:59:45 PM	60300.000	144.908	21.336
330.289	5309.630	5709.213	3.130
3.882	188.337	1.000	14.795
12/8/2016 3:14:45 PM	61200.000	144.903	21.330
330.279	5310.550	5710.879	3.131

3.883	188.304	1.000	14.805
12/8/2016 3:29:45 PM	62100.000	144.908	21.335
330.291	5311.728	5711.550	3.132
3.884	188.263	1.000	14.798
12/8/2016 3:44:45 PM	63000.000	144.903	21.335
330.279	5314.162	5714.147	3.133
3.886	188.176	1.000	14.798
12/8/2016 3:59:45 PM	63900.000	144.943	21.336
330.369	5313.979	5713.827	3.133
3.885	188.183	1.000	14.806
12/8/2016 4:14:45 PM	64800.000	144.907	21.337
330.287	5315.327	5715.193	3.134
3.886	188.135	1.000	14.804
12/8/2016 4:29:45 PM	65700.000	144.911	21.336
330.296	5314.898	5714.836	3.134
3.886	188.150	1.000	14.805
12/8/2016 4:44:45 PM	66600.000	144.924	21.334
330.326	5315.489	5715.686	3.134
3.887	188.129	1.000	14.795
12/8/2016 4:59:45 PM	67500.000	144.914	21.335
330.305	5316.720	5716.897	3.135
3.887	188.086	1.000	14.811
12/8/2016 5:14:45 PM	68400.000	144.957	21.333
330.402	5316.044	5716.428	3.134
3.887	188.110	1.000	14.805
12/8/2016 5:29:45 PM	69300.000	144.969	21.337
330.428	5317.066	5717.022	3.135
3.888	188.074	1.000	14.798
12/8/2016 5:44:45 PM	70200.000	144.965	21.328
330.420	5316.549	5717.568	3.135
3.888	188.092	1.000	14.808
12/8/2016 5:59:45 PM	71100.000	144.934	21.332
330.348	5318.159	5718.763	3.136
3.889	188.035	1.000	14.808
12/8/2016 6:14:45 PM	72000.000	144.931	21.335
330.342	5317.412	5717.682	3.135
3.888	188.061	1.000	14.807
12/8/2016 6:29:45 PM	72900.000	144.935	21.339
330.351	5320.229	5720.227	3.137
3.890	187.962	1.000	14.815
12/8/2016 6:44:45 PM	73800.000	144.937	21.334
330.356	5319.887	5720.416	3.137
3.890	187.974	1.000	14.811
12/8/2016 6:59:45 PM	74700.000	144.939	21.330
330.362	5320.938	5722.040	3.138
3.891	187.937	1.000	14.812
12/8/2016 7:14:45 PM	75600.000	144.948	21.328
330.381	5321.006	5722.309	3.138
3.891	187.934	1.000	14.810
12/8/2016 7:29:45 PM	76500.000	144.944	21.337
330.372	5321.118	5721.358	3.137
3.891	187.930	1.000	14.815
12/8/2016 7:44:45 PM	77400.000	144.982	21.339
330.459	5321.447	5721.538	3.137
3.891	187.919	1.000	14.818
12/8/2016 7:59:45 PM	78300.000	144.950	21.336

330.386	5322.026	5722.500	3.138
3.891	187.898	1.000	14.818
12/8/2016 8:14:45 PM	79200.000	144.958	21.332
330.404	5321.317	5722.170	3.138
3.891	187.923	1.000	14.827
12/8/2016 8:29:45 PM	80100.000	144.957	21.337
330.401	5322.030	5722.401	3.138
3.891	187.898	1.000	14.826
12/8/2016 8:44:45 PM	81000.000	144.952	21.341
330.391	5323.894	5723.879	3.139
3.892	187.832	1.000	14.826
12/8/2016 8:59:45 PM	81900.000	144.953	21.340
330.392	5324.091	5724.195	3.139
3.892	187.825	1.000	14.829
12/8/2016 9:14:45 PM	82800.000	144.969	21.340
330.429	5322.948	5722.976	3.138
3.892	187.866	1.000	14.828
12/8/2016 9:29:45 PM	83700.000	144.974	21.333
330.440	5323.865	5724.838	3.139
3.893	187.833	1.000	14.825
12/8/2016 9:44:45 PM	84600.000	144.957	21.329
330.402	5323.888	5725.315	3.140
3.893	187.833	1.000	14.838
12/8/2016 9:59:45 PM	85500.000	144.959	21.335
330.407	5324.041	5724.759	3.139
3.893	187.827	1.000	14.830
12/8/2016 10:14:45 PM	86400.000	144.966	21.339
330.423	5324.501	5724.842	3.139
3.893	187.811	1.000	14.837
12/8/2016 10:29:45 PM	87300.000	144.981	21.333
330.456	5324.594	5725.590	3.140
3.893	187.808	1.000	14.840
12/8/2016 10:44:45 PM	88200.000	144.973	21.332
330.438	5324.929	5726.085	3.140
3.894	187.796	1.000	14.835
12/8/2016 10:59:45 PM	89100.000	144.983	21.335
330.461	5325.960	5726.863	3.141
3.894	187.760	1.000	14.836
12/8/2016 11:14:45 PM	90000.000	144.977	21.336
330.448	5326.117	5726.909	3.141
3.894	187.754	1.000	14.841
12/8/2016 11:29:45 PM	90900.000	144.987	21.339
330.470	5326.490	5726.896	3.141
3.894	187.741	1.000	14.837
12/8/2016 11:44:45 PM	91800.000	144.980	21.337
330.454	5326.866	5727.621	3.141
3.895	187.728	1.000	14.836
12/8/2016 11:59:45 PM	92700.000	144.986	21.327
330.468	5327.213	5729.098	3.142
3.896	187.715	1.000	14.835
12/9/2016 12:14:45 AM	93600.000	145.026	21.336
330.560	5327.162	5728.043	3.141
3.895	187.717	1.000	14.840
12/9/2016 12:29:45 AM	94500.000	144.990	21.337
330.476	5327.984	5728.782	3.142
3.896	187.688	1.000	14.832

12/9/2016 12:44:45 AM	95400.000	144.990	21.334
330.476	5327.685	5728.831	3.142
3.896	187.699	1.000	14.836
12/9/2016 12:59:45 AM	96300.000	144.992	21.331
330.482	5327.343	5728.793	3.142
3.896	187.711	1.000	14.838
12/9/2016 1:14:45 AM	97200.000	144.994	21.328
330.485	5327.658	5729.493	3.142
3.896	187.700	1.000	14.839
12/9/2016 1:29:45 AM	98100.000	144.999	21.334
330.497	5330.571	5731.914	3.144
3.898	187.597	1.000	14.839
12/9/2016 1:44:45 AM	99000.000	144.999	21.336
330.497	5329.364	5730.421	3.143
3.897	187.640	1.000	14.842
12/9/2016 1:59:45 AM	99900.000	144.998	21.335
330.494	5331.064	5732.352	3.144
3.898	187.580	1.000	14.843
12/9/2016 2:14:45 AM	100800.000	145.001	21.329
330.501	5330.111	5732.059	3.144
3.898	187.613	1.000	14.840
12/9/2016 2:29:45 AM	101700.000	145.007	21.329
330.515	5330.721	5732.673	3.144
3.898	187.592	1.000	14.837
12/9/2016 2:44:45 AM	102600.000	145.040	21.334
330.592	5331.370	5732.742	3.144
3.898	187.569	1.000	14.837
12/9/2016 2:59:45 AM	103500.000	145.019	21.331
330.542	5331.788	5733.636	3.145
3.899	187.554	1.000	14.834
12/9/2016 3:14:45 AM	104400.000	145.016	21.337
330.537	5331.926	5733.061	3.144
3.898	187.549	1.000	14.828
12/9/2016 3:29:45 AM	105300.000	145.010	21.338
330.522	5333.418	5734.553	3.145
3.899	187.497	1.000	14.834
12/9/2016 3:44:45 AM	106200.000	145.024	21.337
330.554	5334.125	5735.385	3.146
3.900	187.472	1.000	14.832
12/9/2016 3:59:45 AM	107100.000	145.027	21.337
330.562	5334.272	5735.522	3.146
3.900	187.467	1.000	14.830
12/9/2016 4:14:45 AM	108000.000	145.026	21.337
330.560	5334.521	5735.831	3.146
3.900	187.458	1.000	14.836
12/9/2016 4:29:45 AM	108900.000	145.029	21.333
330.565	5334.266	5736.053	3.146
3.901	187.467	1.000	14.832
12/9/2016 4:44:45 AM	109800.000	145.030	21.327
330.568	5334.464	5736.978	3.146
3.901	187.460	1.000	14.837
12/9/2016 4:59:45 AM	110700.000	145.079	21.330
330.680	5335.275	5737.510	3.147
3.902	187.432	1.000	14.832
12/9/2016 5:14:45 AM	111600.000	145.065	21.334
330.649	5337.703	5739.562	3.148

3.903	187.347	1.000	14.833
12/9/2016 5:29:45 AM	112500.000	145.044	21.339
330.600	5337.871	5739.195	3.148
3.903	187.341	1.000	14.834
12/9/2016 5:44:45 AM	113400.000	145.041	21.339
330.592	5339.625	5741.019	3.149
3.904	187.279	1.000	14.840
12/9/2016 5:59:45 AM	114300.000	145.044	21.333
330.601	5338.525	5740.643	3.149
3.904	187.318	1.000	14.841
12/9/2016 6:14:45 AM	115200.000	145.052	21.334
330.618	5339.123	5741.089	3.149
3.904	187.297	1.000	14.844
12/9/2016 6:29:45 AM	116100.000	145.045	21.332
330.603	5338.888	5741.095	3.149
3.904	187.305	1.000	14.848
12/9/2016 6:44:45 AM	117000.000	145.061	21.334
330.640	5339.167	5741.136	3.149
3.904	187.295	1.000	14.845
12/9/2016 6:59:45 AM	117900.000	145.066	21.327
330.651	5339.402	5742.269	3.150
3.905	187.287	1.000	14.840
12/9/2016 7:14:45 AM	118800.000	145.077	21.332
330.675	5339.960	5742.237	3.150
3.905	187.267	1.000	14.838
12/9/2016 7:29:45 AM	119700.000	145.067	21.334
330.653	5340.619	5742.677	3.150
3.905	187.244	1.000	14.843
12/9/2016 7:44:45 AM	120600.000	145.101	21.335
330.731	5341.582	5743.693	3.150
3.906	187.210	1.000	14.850
12/9/2016 7:59:45 AM	121500.000	145.078	21.334
330.678	5341.669	5743.857	3.151
3.906	187.207	1.000	14.853
12/9/2016 8:14:45 AM	122400.000	145.068	21.337
330.655	5343.158	5745.087	3.151
3.907	187.155	1.000	14.860
12/9/2016 8:29:45 AM	123300.000	145.085	21.335
330.693	5343.176	5745.386	3.151
3.907	187.155	1.000	14.850
12/9/2016 8:44:45 AM	124200.000	145.092	21.335
330.709	5343.038	5745.187	3.151
3.907	187.159	1.000	14.852
12/9/2016 8:59:45 AM	125100.000	145.122	21.335
330.778	5344.674	5747.018	3.152
3.908	187.102	1.000	14.858
12/9/2016 9:14:45 AM	126000.000	145.139	21.337
330.818	5345.372	5747.499	3.153
3.908	187.078	1.000	14.860
12/9/2016 9:29:45 AM	126900.000	145.135	21.332
330.808	5346.267	5749.030	3.154
3.909	187.046	1.000	14.862
12/9/2016 9:44:45 AM	127800.000	145.107	21.328
330.745	5345.323	5748.439	3.153
3.909	187.079	1.000	14.861
12/9/2016 9:59:45 AM	128700.000	145.113	21.327

330.758	5345.052	5748.293	3.153
3.909	187.089	1.000	14.861
12/9/2016 10:14:45 AM	129600.000	145.109	21.334
330.749	5347.379	5750.051	3.154
3.910	187.007	1.000	14.865
12/9/2016 10:29:45 AM	130500.000	145.108	21.339
330.746	5347.747	5749.845	3.154
3.910	186.995	1.000	14.866
12/9/2016 10:44:45 AM	131400.000	145.114	21.337
330.759	5348.641	5751.054	3.155
3.911	186.963	1.000	14.871
12/9/2016 10:59:45 AM	132300.000	145.115	21.336
330.762	5348.995	5751.529	3.155
3.911	186.951	1.000	14.868
12/9/2016 11:14:45 AM	133200.000	145.121	21.327
330.776	5349.019	5752.548	3.156
3.912	186.950	1.000	14.862
12/9/2016 11:29:45 AM	134100.000	145.152	21.334
330.845	5349.723	5752.487	3.156
3.912	186.926	1.000	14.865
12/9/2016 11:44:45 AM	135000.000	145.122	21.338
330.778	5351.112	5753.516	3.156
3.912	186.877	1.000	14.853
12/9/2016 11:59:45 AM	135900.000	145.124	21.334
330.782	5350.550	5753.417	3.156
3.912	186.897	1.000	14.845
12/9/2016 12:14:45 PM	136800.000	145.170	21.337
330.887	5351.400	5754.000	3.156
3.913	186.867	1.000	14.843
12/9/2016 12:29:45 PM	137700.000	145.137	21.334
330.811	5350.920	5753.815	3.156
3.913	186.884	1.000	14.837
12/9/2016 12:44:45 PM	138600.000	145.140	21.330
330.820	5350.743	5754.144	3.157
3.913	186.890	1.000	14.830
12/9/2016 12:59:45 PM	139500.000	145.170	21.331
330.888	5351.819	5755.083	3.157
3.913	186.852	1.000	14.832
12/9/2016 1:14:45 PM	140400.000	145.147	21.333
330.835	5352.008	5755.090	3.157
3.913	186.846	1.000	14.826
12/9/2016 1:29:45 PM	141300.000	145.195	21.332
330.944	5351.860	5755.075	3.157
3.913	186.851	1.000	14.822
12/9/2016 1:44:45 PM	142200.000	145.137	21.337
330.812	5353.767	5756.453	3.158
3.914	186.784	1.000	14.835
12/9/2016 1:59:45 PM	143100.000	145.148	21.336
330.836	5352.938	5755.769	3.157
3.914	186.813	1.000	14.826
12/9/2016 2:14:45 PM	144000.000	145.179	21.338
330.907	5353.877	5756.541	3.158
3.914	186.781	1.000	14.826
12/9/2016 2:29:45 PM	144900.000	145.146	21.336
330.832	5354.963	5757.904	3.159
3.915	186.743	1.000	14.817

12/9/2016 2:44:45 PM	145800.000	145.139	21.338
330.816	5355.695	5758.495	3.159
3.916	186.717	1.000	14.823
12/9/2016 2:59:45 PM	146700.000	145.144	21.332
330.828	5357.036	5760.590	3.160
3.917	186.670	1.000	14.825
12/9/2016 3:14:45 PM	147600.000	145.158	21.336
330.860	5357.468	5760.566	3.160
3.917	186.655	1.000	14.823
12/9/2016 3:29:45 PM	148500.000	145.186	21.339
330.925	5358.762	5761.688	3.161
3.918	186.610	1.000	14.822
12/9/2016 3:44:45 PM	149400.000	145.190	21.334
330.932	5359.812	5763.346	3.162
3.919	186.574	1.000	14.827
12/9/2016 3:59:45 PM	150300.000	145.151	21.337
330.845	5360.424	5763.651	3.162
3.919	186.552	1.000	14.822
12/9/2016 4:14:45 PM	151200.000	145.157	21.336
330.858	5362.952	5766.474	3.164
3.921	186.464	1.000	14.817
12/9/2016 4:29:45 PM	152100.000	145.155	21.335
330.853	5364.309	5768.058	3.165
3.922	186.417	1.000	14.817
12/9/2016 4:44:45 PM	153000.000	145.152	21.329
330.845	5362.681	5767.084	3.164
3.922	186.474	1.000	14.819
12/9/2016 4:59:45 PM	153900.000	145.159	21.331
330.863	5363.654	5767.852	3.165
3.922	186.440	1.000	14.814
12/9/2016 5:14:45 PM	154800.000	145.154	21.335
330.851	5363.383	5767.083	3.164
3.922	186.449	1.000	14.815
12/9/2016 5:29:45 PM	155700.000	145.149	21.336
330.840	5365.538	5769.317	3.165
3.923	186.375	1.000	14.822
12/9/2016 5:44:45 PM	156600.000	145.155	21.334
330.854	5365.418	5769.395	3.165
3.923	186.379	1.000	14.816
12/9/2016 5:59:45 PM	157500.000	145.156	21.331
330.855	5365.238	5769.545	3.166
3.923	186.385	1.000	14.815
12/9/2016 6:14:45 PM	158400.000	145.159	21.338
330.863	5366.517	5770.079	3.166
3.924	186.341	1.000	14.818
12/9/2016 6:29:45 PM	159300.000	145.154	21.336
330.850	5367.500	5771.405	3.167
3.925	186.306	1.000	14.820
12/9/2016 6:44:45 PM	160200.000	145.194	21.333
330.943	5367.729	5771.986	3.167
3.925	186.299	1.000	14.819
12/9/2016 6:59:45 PM	161100.000	145.168	21.326
330.883	5365.639	5770.630	3.166
3.924	186.371	1.000	14.824
12/9/2016 7:14:45 PM	162000.000	145.158	21.324
330.861	5368.837	5774.247	3.168

3.926	186.260	1.000	14.818
12/9/2016 7:29:45 PM	162900.000	145.192	21.333
330.937	5372.255	5776.830	3.170
3.928	186.142	1.000	14.823
12/9/2016 7:44:45 PM	163800.000	145.168	21.330
330.882	5371.360	5776.243	3.169
3.928	186.173	1.000	14.826
12/9/2016 7:59:45 PM	164700.000	145.176	21.329
330.901	5369.664	5774.564	3.168
3.927	186.231	1.000	14.811
12/9/2016 8:14:45 PM	165600.000	145.177	21.326
330.904	5368.541	5773.698	3.168
3.926	186.270	1.000	14.811
12/9/2016 8:29:45 PM	166500.000	145.179	21.323
330.907	5369.411	5775.031	3.169
3.927	186.240	1.000	14.811
12/9/2016 8:44:45 PM	167400.000	145.248	21.324
331.065	5370.407	5775.924	3.169
3.928	186.206	1.000	14.824
12/9/2016 8:59:45 PM	168300.000	145.181	21.328
330.911	5370.635	5775.670	3.169
3.927	186.198	1.000	14.820
12/9/2016 9:14:45 PM	169200.000	145.175	21.335
330.899	5372.162	5776.522	3.170
3.928	186.145	1.000	14.822
12/9/2016 9:29:45 PM	170100.000	145.181	21.334
330.912	5373.240	5777.828	3.170
3.929	186.107	1.000	14.822
12/9/2016 9:44:45 PM	171000.000	145.214	21.334
330.988	5373.633	5778.187	3.171
3.929	186.094	1.000	14.821
12/9/2016 9:59:45 PM	171900.000	145.217	21.337
330.994	5374.252	5778.541	3.171
3.929	186.072	1.000	14.818
12/9/2016 10:14:45 PM	172800.000	145.176	21.334
330.902	5374.592	5779.240	3.171
3.930	186.061	1.000	14.822
12/9/2016 10:29:45 PM	173700.000	145.189	21.335
330.930	5375.096	5779.730	3.172
3.930	186.043	1.000	14.819
12/9/2016 10:44:45 PM	174600.000	145.187	21.336
330.926	5374.986	5779.487	3.171
3.930	186.047	1.000	14.818
12/9/2016 10:59:45 PM	175500.000	145.188	21.337
330.929	5376.679	5781.192	3.172
3.931	185.988	1.000	14.822
12/9/2016 11:14:45 PM	176400.000	145.191	21.329
330.935	5375.913	5781.272	3.172
3.931	186.015	1.000	14.822
12/9/2016 11:29:45 PM	177300.000	145.197	21.324
330.950	5374.575	5780.397	3.172
3.931	186.061	1.000	14.817
12/9/2016 11:44:45 PM	178200.000	145.208	21.327
330.975	5375.433	5780.997	3.172
3.931	186.032	1.000	14.812
12/9/2016 11:59:45 PM	179100.000	145.208	21.330

330.974	5377.695	5783.107	3.173
3.933	185.953	1.000	14.806
12/10/2016 12:14:45 AM	180000.000	145.235	21.330
331.036	5378.352	5783.823	3.174
3.933	185.931	1.000	14.815
12/10/2016 12:29:45 AM	180900.000	145.249	21.338
331.067	5380.608	5785.261	3.175
3.934	185.853	1.000	14.810
12/10/2016 12:44:45 AM	181800.000	145.212	21.340
330.983	5379.998	5784.354	3.174
3.933	185.874	1.000	14.812
12/10/2016 12:59:45 AM	182700.000	145.241	21.335
331.050	5380.653	5785.633	3.175
3.934	185.851	1.000	14.812
12/10/2016 1:14:45 AM	183600.000	145.208	21.329
330.974	5380.573	5786.295	3.175
3.935	185.854	1.000	14.822
12/10/2016 1:29:45 AM	184500.000	145.210	21.335
330.979	5381.364	5786.438	3.175
3.935	185.827	1.000	14.818
12/10/2016 1:44:45 AM	185400.000	145.246	21.333
331.061	5380.919	5786.157	3.175
3.935	185.842	1.000	14.812
12/10/2016 1:59:45 AM	186300.000	145.254	21.339
331.079	5383.128	5787.897	3.176
3.936	185.766	1.000	14.810
12/10/2016 2:14:45 AM	187200.000	145.220	21.330
331.002	5382.039	5787.778	3.176
3.936	185.803	1.000	14.811
12/10/2016 2:29:45 AM	188100.000	145.222	21.331
331.006	5382.370	5787.988	3.176
3.936	185.792	1.000	14.806
12/10/2016 2:44:45 AM	189000.000	145.222	21.338
331.006	5383.959	5788.844	3.177
3.936	185.737	1.000	14.812
12/10/2016 2:59:45 AM	189900.000	145.228	21.338
331.018	5384.668	5789.658	3.177
3.937	185.712	1.000	14.808
12/10/2016 3:14:45 AM	190800.000	145.240	21.330
331.046	5383.204	5788.948	3.177
3.936	185.763	1.000	14.806
12/10/2016 3:29:45 AM	191700.000	145.231	21.331
331.025	5384.327	5790.072	3.178
3.937	185.724	1.000	14.810
12/10/2016 3:44:45 AM	192600.000	145.228	21.339
331.018	5385.965	5790.875	3.178
3.938	185.668	1.000	14.811
12/10/2016 3:59:45 AM	193500.000	145.226	21.339
331.016	5386.544	5791.498	3.178
3.938	185.648	1.000	14.809
12/10/2016 4:14:45 AM	194400.000	145.241	21.335
331.050	5386.381	5791.832	3.179
3.938	185.653	1.000	14.803
12/10/2016 4:29:45 AM	195300.000	145.248	21.334
331.065	5387.383	5793.056	3.179
3.939	185.619	1.000	14.800

12/10/2016 4:44:45 AM	196200.000	145.242	21.334
331.051	5387.958	5793.632	3.180
3.940	185.599	1.000	14.809
12/10/2016 4:59:45 AM	197100.000	145.238	21.330
331.042	5388.317	5794.468	3.180
3.940	185.587	1.000	14.812
12/10/2016 5:14:45 AM	198000.000	145.254	21.330
331.080	5388.412	5794.569	3.180
3.940	185.583	1.000	14.807
12/10/2016 5:29:45 AM	198900.000	145.250	21.331
331.069	5388.472	5794.550	3.180
3.940	185.581	1.000	14.809
12/10/2016 5:44:45 AM	199800.000	145.258	21.330
331.088	5389.078	5795.286	3.181
3.941	185.561	1.000	14.803
12/10/2016 5:59:45 AM	200700.000	145.293	21.337
331.168	5390.440	5795.916	3.181
3.941	185.514	1.000	14.806
12/10/2016 6:14:45 AM	201600.000	145.259	21.338
331.091	5392.402	5797.963	3.182
3.943	185.446	1.000	14.804
12/10/2016 6:29:45 AM	202500.000	145.297	21.335
331.177	5392.987	5798.926	3.183
3.943	185.426	1.000	14.807
12/10/2016 6:44:45 AM	203400.000	145.271	21.333
331.117	5392.866	5798.993	3.183
3.943	185.430	1.000	14.803
12/10/2016 6:59:45 AM	204300.000	145.304	21.337
331.193	5394.540	5800.366	3.184
3.944	185.373	1.000	14.810
12/10/2016 7:14:45 AM	205200.000	145.275	21.330
331.126	5394.753	5801.430	3.184
3.945	185.365	1.000	14.801
12/10/2016 7:29:45 AM	206100.000	145.277	21.330
331.132	5394.307	5800.981	3.184
3.945	185.381	1.000	14.805
12/10/2016 7:44:45 AM	207000.000	145.329	21.330
331.249	5394.311	5800.955	3.184
3.945	185.380	1.000	14.802
12/10/2016 7:59:45 AM	207900.000	145.326	21.334
331.242	5394.884	5801.039	3.184
3.945	185.361	1.000	14.808
12/10/2016 8:14:45 AM	208800.000	145.290	21.333
331.161	5395.569	5801.889	3.184
3.945	185.337	1.000	14.815
12/10/2016 8:29:45 AM	209700.000	145.294	21.326
331.170	5396.758	5803.994	3.186
3.947	185.296	1.000	14.814
12/10/2016 8:44:45 AM	210600.000	145.307	21.330
331.199	5397.108	5803.890	3.186
3.947	185.284	1.000	14.807
12/10/2016 8:59:45 AM	211500.000	145.341	21.335
331.276	5397.390	5803.681	3.186
3.947	185.275	1.000	14.809
12/10/2016 9:14:45 AM	212400.000	145.305	21.335
331.196	5398.712	5805.071	3.186

3.947	185.229	1.000	14.808
12/10/2016 9:29:45 AM	213300.000	145.317	21.328
331.221	5398.322	5805.509	3.187
3.948	185.243	1.000	14.814
12/10/2016 9:44:45 AM	214200.000	145.317	21.330
331.222	5397.958	5804.888	3.186
3.947	185.255	1.000	14.812
12/10/2016 9:59:45 AM	215100.000	145.321	21.330
331.232	5398.117	5804.996	3.186
3.947	185.250	1.000	14.814
12/10/2016 10:14:45 AM	216000.000	145.321	21.330
331.230	5398.924	5805.915	3.187
3.948	185.222	1.000	14.816
12/10/2016 10:29:45 AM	216900.000	145.326	21.326
331.242	5398.565	5806.010	3.187
3.948	185.234	1.000	14.814
12/10/2016 10:44:45 AM	217800.000	145.331	21.328
331.253	5400.186	5807.481	3.188
3.949	185.179	1.000	14.814
12/10/2016 10:59:45 AM	218700.000	145.328	21.326
331.246	5401.277	5808.906	3.189
3.950	185.141	1.000	14.811
12/10/2016 11:14:45 AM	219600.000	145.339	21.328
331.273	5401.412	5808.758	3.188
3.950	185.137	1.000	14.798
12/10/2016 11:29:45 AM	220500.000	145.300	21.332
331.184	5403.561	5810.598	3.190
3.951	185.063	1.000	14.800
12/10/2016 11:44:45 AM	221400.000	145.345	21.331
331.286	5403.250	5810.442	3.189
3.951	185.074	1.000	14.792
12/10/2016 11:59:45 AM	222300.000	145.337	21.331
331.269	5403.089	5810.216	3.189
3.951	185.079	1.000	14.791
12/10/2016 12:14:45 PM	223200.000	145.344	21.333
331.284	5403.337	5810.253	3.189
3.951	185.071	1.000	14.788
12/10/2016 12:29:45 PM	224100.000	145.352	21.339
331.303	5404.904	5811.205	3.190
3.952	185.017	1.000	14.783
12/10/2016 12:44:45 PM	225000.000	145.376	21.343
331.357	5406.758	5812.781	3.191
3.953	184.954	1.000	14.780
12/10/2016 12:59:45 PM	225900.000	145.382	21.337
331.371	5405.984	5812.702	3.191
3.953	184.980	1.000	14.778
12/10/2016 1:14:45 PM	226800.000	145.351	21.336
331.301	5405.401	5812.181	3.191
3.952	185.000	1.000	14.775
12/10/2016 1:29:45 PM	227700.000	145.354	21.329
331.307	5405.214	5812.731	3.191
3.953	185.007	1.000	14.778
12/10/2016 1:44:45 PM	228600.000	145.383	21.328
331.373	5405.636	5813.353	3.191
3.953	184.992	1.000	14.773
12/10/2016 1:59:45 PM	229500.000	145.358	21.338

331.315	5407.565	5814.277	3.192
3.954	184.926	1.000	14.766
12/10/2016 2:14:45 PM	230400.000	145.358	21.335
331.316	5407.738	5814.808	3.192
3.954	184.920	1.000	14.764
12/10/2016 2:29:45 PM	231300.000	145.355	21.341
331.308	5408.325	5814.738	3.192
3.954	184.900	1.000	14.765
12/10/2016 2:44:45 PM	232200.000	145.357	21.335
331.313	5408.821	5815.899	3.193
3.955	184.883	1.000	14.764
12/10/2016 2:59:45 PM	233100.000	145.350	21.337
331.297	5408.793	5815.659	3.193
3.955	184.884	1.000	14.766
12/10/2016 3:14:45 PM	234000.000	145.343	21.338
331.281	5408.836	5815.613	3.193
3.955	184.883	1.000	14.768
12/10/2016 3:29:45 PM	234900.000	145.352	21.335
331.302	5410.884	5818.212	3.194
3.956	184.813	1.000	14.768
12/10/2016 3:44:45 PM	235800.000	145.360	21.339
331.319	5410.785	5817.539	3.194
3.956	184.816	1.000	14.765
12/10/2016 3:59:45 PM	236700.000	145.347	21.334
331.291	5411.569	5819.074	3.195
3.957	184.789	1.000	14.772
12/10/2016 4:14:45 PM	237600.000	145.364	21.332
331.329	5410.090	5817.724	3.194
3.956	184.840	1.000	14.765
12/10/2016 4:29:45 PM	238500.000	145.350	21.334
331.297	5411.249	5818.646	3.194
3.957	184.800	1.000	14.764
12/10/2016 4:44:45 PM	239400.000	145.364	21.329
331.330	5410.950	5818.932	3.194
3.957	184.810	1.000	14.761
12/10/2016 4:59:45 PM	240300.000	145.377	21.332
331.359	5413.005	5820.744	3.196
3.958	184.740	1.000	14.772
12/10/2016 5:14:45 PM	241200.000	145.353	21.332
331.305	5413.463	5821.256	3.196
3.958	184.725	1.000	14.759
12/10/2016 5:29:45 PM	242100.000	145.341	21.340
331.277	5415.710	5822.772	3.197
3.959	184.648	1.000	14.769
12/10/2016 5:44:45 PM	243000.000	145.351	21.338
331.300	5414.220	5821.349	3.196
3.959	184.699	1.000	14.764
12/10/2016 5:59:45 PM	243900.000	145.348	21.330
331.293	5413.266	5821.338	3.196
3.959	184.731	1.000	14.766
12/10/2016 6:14:45 PM	244800.000	145.382	21.334
331.370	5413.542	5821.165	3.196
3.958	184.722	1.000	14.778
12/10/2016 6:29:45 PM	245700.000	145.381	21.331
331.368	5413.672	5821.586	3.196
3.959	184.717	1.000	14.768

12/10/2016 6:44:45 PM	246600.000	145.315	21.330
331.218	5413.766	5821.887	3.196
3.959	184.714	1.000	14.763
12/10/2016 6:59:45 PM	247500.000	145.344	21.330
331.283	5414.795	5823.004	3.197
3.960	184.679	1.000	14.772
12/10/2016 7:14:45 PM	248400.000	145.354	21.327
331.307	5414.464	5822.952	3.197
3.960	184.690	1.000	14.768
12/10/2016 7:29:45 PM	249300.000	145.392	21.331
331.393	5415.991	5824.185	3.198
3.960	184.638	1.000	14.773
12/10/2016 7:44:45 PM	250200.000	145.386	21.327
331.380	5415.106	5823.705	3.197
3.960	184.669	1.000	14.778
12/10/2016 7:59:45 PM	251100.000	145.386	21.323
331.380	5416.056	5825.115	3.198
3.961	184.636	1.000	14.782
12/10/2016 8:14:45 PM	252000.000	145.346	21.331
331.288	5417.820	5826.110	3.199
3.962	184.576	1.000	14.783
12/10/2016 8:29:45 PM	252900.000	145.348	21.336
331.293	5419.092	5826.901	3.199
3.962	184.533	1.000	14.779
12/10/2016 8:44:45 PM	253800.000	145.356	21.338
331.311	5419.491	5827.088	3.199
3.962	184.519	1.000	14.779
12/10/2016 8:59:45 PM	254700.000	145.347	21.332
331.291	5419.254	5827.526	3.199
3.963	184.527	1.000	14.779
12/10/2016 9:14:45 PM	255600.000	145.354	21.327
331.306	5419.628	5828.474	3.200
3.963	184.515	1.000	14.782
12/10/2016 9:29:45 PM	256500.000	145.357	21.329
331.313	5419.859	5828.575	3.200
3.963	184.507	1.000	14.785
12/10/2016 9:44:45 PM	257400.000	145.358	21.329
331.315	5419.264	5827.861	3.200
3.963	184.527	1.000	14.780
12/10/2016 9:59:45 PM	258300.000	145.353	21.330
331.305	5420.676	5829.266	3.200
3.964	184.479	1.000	14.789
12/10/2016 10:14:45 PM	259200.000	145.365	21.329
331.331	5422.348	5831.168	3.202
3.965	184.422	1.000	14.782
12/10/2016 10:29:45 PM	260100.000	145.360	21.336
331.320	5422.504	5830.582	3.201
3.965	184.417	1.000	14.789
12/10/2016 10:44:45 PM	261000.000	145.360	21.329
331.321	5422.852	5831.720	3.202
3.966	184.405	1.000	14.799
12/10/2016 10:59:45 PM	261900.000	145.367	21.326
331.336	5422.974	5832.261	3.202
3.966	184.401	1.000	14.797
12/10/2016 11:14:45 PM	262800.000	145.367	21.326
331.336	5422.765	5832.015	3.202

3.966	184.408	1.000	14.798
12/10/2016 11:29:45 PM	263700.000	145.362	21.332
331.326	5424.165	5832.859	3.203
3.966	184.360	1.000	14.799
12/10/2016 11:44:45 PM	264600.000	145.414	21.334
331.442	5424.144	5832.490	3.202
3.966	184.361	1.000	14.796
12/10/2016 11:59:45 PM	265500.000	145.362	21.336
331.325	5425.286	5833.499	3.203
3.967	184.322	1.000	14.801
12/11/2016 12:14:45 AM	266400.000	145.406	21.329
331.424	5424.704	5833.691	3.203
3.967	184.342	1.000	14.799
12/11/2016 12:29:45 AM	267300.000	145.378	21.327
331.361	5424.179	5833.410	3.203
3.967	184.360	1.000	14.797
12/11/2016 12:44:45 AM	268200.000	145.382	21.331
331.371	5425.243	5834.113	3.203
3.967	184.324	1.000	14.796
12/11/2016 12:59:45 AM	269100.000	145.344	21.327
331.284	5425.450	5834.736	3.204
3.968	184.316	1.000	14.798
12/11/2016 1:14:45 AM	270000.000	145.384	21.329
331.375	5425.646	5834.746	3.204
3.968	184.310	1.000	14.806
12/11/2016 1:29:45 AM	270900.000	145.370	21.338
331.344	5426.343	5834.394	3.204
3.967	184.286	1.000	14.802
12/11/2016 1:44:45 AM	271800.000	145.391	21.334
331.391	5426.903	5835.499	3.204
3.968	184.267	1.000	14.799
12/11/2016 1:59:45 AM	272700.000	145.374	21.335
331.353	5427.648	5836.185	3.205
3.969	184.242	1.000	14.803
12/11/2016 2:14:45 AM	273600.000	145.387	21.333
331.383	5427.417	5836.200	3.205
3.969	184.250	1.000	14.804
12/11/2016 2:29:45 AM	274500.000	145.384	21.337
331.375	5427.538	5835.834	3.204
3.968	184.246	1.000	14.810
12/11/2016 2:44:45 AM	275400.000	145.396	21.337
331.402	5428.592	5836.990	3.205
3.969	184.210	1.000	14.804
12/11/2016 2:59:45 AM	276300.000	145.388	21.330
331.385	5427.902	5837.005	3.205
3.969	184.233	1.000	14.805
12/11/2016 3:14:45 AM	277200.000	145.426	21.334
331.470	5427.999	5836.698	3.205
3.969	184.230	1.000	14.805
12/11/2016 3:29:45 AM	278100.000	145.401	21.330
331.413	5427.877	5837.010	3.205
3.969	184.234	1.000	14.799
12/11/2016 3:44:45 AM	279000.000	145.434	21.339
331.489	5429.281	5837.509	3.205
3.970	184.186	1.000	14.807
12/11/2016 3:59:45 AM	279900.000	145.435	21.336

331.491	5429.701	5838.277	3.206
3.970	184.172	1.000	14.804
12/11/2016 4:14:45 AM	280800.000	145.403	21.329
331.419	5428.997	5838.381	3.206
3.970	184.196	1.000	14.803
12/11/2016 4:29:45 AM	281700.000	145.402	21.333
331.415	5429.347	5838.254	3.206
3.970	184.184	1.000	14.800
12/11/2016 4:44:45 AM	282600.000	145.403	21.331
331.419	5429.420	5838.563	3.206
3.970	184.182	1.000	14.798
12/11/2016 4:59:45 AM	283500.000	145.405	21.338
331.423	5431.165	5839.641	3.207
3.971	184.123	1.000	14.802
12/11/2016 5:14:45 AM	284400.000	145.411	21.336
331.436	5430.785	5839.431	3.206
3.971	184.135	1.000	14.803
12/11/2016 5:29:45 AM	285300.000	145.445	21.334
331.513	5430.852	5839.798	3.207
3.971	184.133	1.000	14.810
12/11/2016 5:44:45 AM	286200.000	145.422	21.332
331.461	5430.523	5839.655	3.207
3.971	184.144	1.000	14.803
12/11/2016 5:59:45 AM	287100.000	145.418	21.333
331.453	5431.175	5840.220	3.207
3.971	184.122	1.000	14.809
12/11/2016 6:14:45 AM	288000.000	145.455	21.332
331.537	5431.888	5841.123	3.207
3.972	184.098	1.000	14.810
12/11/2016 6:29:45 AM	288900.000	145.425	21.331
331.469	5431.543	5840.836	3.207
3.972	184.110	1.000	14.811
12/11/2016 6:44:45 AM	289800.000	145.421	21.335
331.460	5433.417	5842.399	3.208
3.973	184.046	1.000	14.817
12/11/2016 6:59:45 AM	290700.000	145.424	21.331
331.465	5432.845	5842.288	3.208
3.973	184.066	1.000	14.812
12/11/2016 7:14:45 AM	291600.000	145.434	21.326
331.488	5432.648	5842.645	3.208
3.973	184.072	1.000	14.814
12/11/2016 7:29:45 AM	292500.000	145.432	21.328
331.485	5433.353	5843.139	3.209
3.973	184.048	1.000	14.815
12/11/2016 7:44:45 AM	293400.000	145.426	21.336
331.470	5434.898	5843.866	3.209
3.974	183.996	1.000	14.817
12/11/2016 7:59:45 AM	294300.000	145.475	21.336
331.582	5435.034	5844.064	3.209
3.974	183.991	1.000	14.810
12/11/2016 8:14:45 AM	295200.000	145.446	21.339
331.517	5435.564	5844.181	3.209
3.974	183.974	1.000	14.816
12/11/2016 8:29:45 AM	296100.000	145.498	21.336
331.634	5435.107	5844.047	3.209
3.974	183.989	1.000	14.816

12/11/2016 8:44:45 AM	297000.000	145.454	21.338
331.535	5436.958	5845.890	3.210
3.975	183.926	1.000	14.814
12/11/2016 8:59:45 AM	297900.000	145.462	21.331
331.552	5436.768	5846.422	3.211
3.976	183.933	1.000	14.820
12/11/2016 9:14:45 AM	298800.000	145.468	21.336
331.567	5436.514	5845.625	3.210
3.975	183.941	1.000	14.820
12/11/2016 9:29:45 AM	299700.000	145.467	21.331
331.564	5435.965	5845.601	3.210
3.975	183.960	1.000	14.826
12/11/2016 9:44:45 AM	300600.000	145.471	21.328
331.572	5436.194	5846.174	3.210
3.975	183.952	1.000	14.824
12/11/2016 9:59:45 AM	301500.000	145.510	21.332
331.663	5438.110	5847.782	3.211
3.976	183.887	1.000	14.822
12/11/2016 10:14:45 AM	302400.000	145.506	21.330
331.654	5438.491	5848.413	3.212
3.977	183.875	1.000	14.820
12/11/2016 10:29:45 AM	303300.000	145.478	21.328
331.589	5439.183	5849.483	3.212
3.978	183.851	1.000	14.818
12/11/2016 10:44:45 AM	304200.000	145.511	21.335
331.664	5441.128	5850.721	3.213
3.978	183.785	1.000	14.821
12/11/2016 10:59:45 AM	305100.000	145.484	21.337
331.604	5442.299	5851.749	3.214
3.979	183.746	1.000	14.818
12/11/2016 11:14:45 AM	306000.000	145.484	21.335
331.603	5441.089	5850.648	3.213
3.978	183.787	1.000	14.819
12/11/2016 11:29:45 AM	306900.000	145.495	21.329
331.629	5441.330	5851.581	3.214
3.979	183.779	1.000	14.812
12/11/2016 11:44:45 AM	307800.000	145.491	21.325
331.620	5441.765	5852.513	3.214
3.980	183.764	1.000	14.816
12/11/2016 11:59:45 AM	308700.000	145.492	21.323
331.621	5441.903	5852.946	3.214
3.980	183.759	1.000	14.816
12/11/2016 12:14:45 PM	309600.000	145.506	21.324
331.652	5442.509	5853.451	3.215
3.980	183.739	1.000	14.806
12/11/2016 12:29:45 PM	310500.000	145.505	21.323
331.651	5442.543	5853.655	3.215
3.980	183.738	1.000	14.806
12/11/2016 12:44:45 PM	311400.000	145.501	21.323
331.643	5442.662	5853.772	3.215
3.981	183.734	1.000	14.805
12/11/2016 12:59:45 PM	312300.000	145.501	21.329
331.643	5444.267	5854.792	3.215
3.981	183.679	1.000	14.799
12/11/2016 1:14:45 PM	313200.000	145.504	21.325
331.647	5444.263	5855.220	3.216

3.982	183.680	1.000	14.798
12/11/2016 1:29:45 PM	314100.000	145.497	21.331
331.634	5445.523	5855.837	3.216
3.982	183.637	1.000	14.800
12/11/2016 1:44:45 PM	315000.000	145.535	21.331
331.720	5444.911	5855.211	3.216
3.982	183.658	1.000	14.803
12/11/2016 1:59:45 PM	315900.000	145.503	21.333
331.646	5445.864	5856.015	3.216
3.982	183.626	1.000	14.800
12/11/2016 2:14:45 PM	316800.000	145.496	21.336
331.630	5446.782	5856.644	3.217
3.983	183.595	1.000	14.803
12/11/2016 2:29:45 PM	317700.000	145.568	21.335
331.794	5446.585	5856.495	3.216
3.982	183.601	1.000	14.807
12/11/2016 2:44:45 PM	318600.000	145.500	21.336
331.639	5447.013	5856.945	3.217
3.983	183.587	1.000	14.802
12/11/2016 2:59:45 PM	319500.000	145.499	21.331
331.637	5446.685	5857.181	3.217
3.983	183.598	1.000	14.809
12/11/2016 3:14:45 PM	320400.000	145.501	21.329
331.641	5446.498	5857.234	3.217
3.983	183.604	1.000	14.803
12/11/2016 3:29:45 PM	321300.000	145.484	21.330
331.604	5446.189	5856.733	3.217
3.983	183.615	1.000	14.804
12/11/2016 3:44:45 PM	322200.000	145.522	21.329
331.689	5446.096	5856.780	3.217
3.983	183.618	1.000	14.805
12/11/2016 3:59:45 PM	323100.000	145.557	21.334
331.768	5447.572	5857.734	3.217
3.983	183.568	1.000	14.802
12/11/2016 4:14:45 PM	324000.000	145.519	21.329
331.683	5447.949	5858.751	3.218
3.984	183.555	1.000	14.801
12/11/2016 4:29:45 PM	324900.000	145.526	21.335
331.698	5447.751	5857.760	3.217
3.983	183.562	1.000	14.799
12/11/2016 4:44:45 PM	325800.000	145.476	21.337
331.584	5448.785	5858.649	3.218
3.984	183.527	1.000	14.800
12/11/2016 4:59:45 PM	326700.000	145.484	21.330
331.602	5448.588	5859.365	3.218
3.984	183.534	1.000	14.797
12/11/2016 5:14:45 PM	327600.000	145.484	21.326
331.604	5448.908	5860.142	3.219
3.985	183.523	1.000	14.791
12/11/2016 5:29:45 PM	328500.000	145.477	21.326
331.588	5449.773	5861.062	3.219
3.986	183.494	1.000	14.794
12/11/2016 5:44:45 PM	329400.000	145.515	21.325
331.673	5450.793	5862.233	3.220
3.986	183.460	1.000	14.794
12/11/2016 5:59:45 PM	330300.000	145.513	21.327

331.670	5448.705	5859.818	3.218
3.985	183.530	1.000	14.797
12/11/2016 6:14:45 PM	331200.000	145.475	21.338
331.583	5450.348	5860.278	3.219
3.985	183.475	1.000	14.800
12/11/2016 6:29:45 PM	332100.000	145.502	21.340
331.643	5451.437	5861.174	3.219
3.986	183.438	1.000	14.800
12/11/2016 6:44:45 PM	333000.000	145.504	21.335
331.648	5451.161	5861.531	3.219
3.986	183.447	1.000	14.794
12/11/2016 6:59:45 PM	333900.000	145.468	21.328
331.566	5450.427	5861.501	3.219
3.986	183.472	1.000	14.791
12/11/2016 7:14:45 PM	334800.000	145.468	21.327
331.567	5450.855	5862.067	3.220
3.986	183.457	1.000	14.793
12/11/2016 7:29:45 PM	335700.000	145.461	21.327
331.551	5451.895	5863.237	3.220
3.987	183.422	1.000	14.799
12/11/2016 7:44:45 PM	336600.000	145.466	21.328
331.562	5452.442	5863.702	3.221
3.987	183.404	1.000	14.795
12/11/2016 7:59:45 PM	337500.000	145.470	21.323
331.571	5451.983	5863.808	3.221
3.987	183.419	1.000	14.792
12/11/2016 8:14:45 PM	338400.000	145.468	21.325
331.567	5452.431	5864.069	3.221
3.988	183.404	1.000	14.797
12/11/2016 8:29:45 PM	339300.000	145.504	21.332
331.648	5452.927	5863.693	3.221
3.987	183.388	1.000	14.798
12/11/2016 8:44:45 PM	340200.000	145.462	21.333
331.552	5453.440	5864.152	3.221
3.988	183.370	1.000	14.798
12/11/2016 8:59:45 PM	341100.000	145.508	21.330
331.658	5452.829	5863.863	3.221
3.987	183.391	1.000	14.790
12/11/2016 9:14:45 PM	342000.000	145.463	21.327
331.555	5451.875	5863.197	3.220
3.987	183.423	1.000	14.793
12/11/2016 9:29:45 PM	342900.000	145.465	21.337
331.561	5454.888	5865.221	3.222
3.988	183.322	1.000	14.795
12/11/2016 9:44:45 PM	343800.000	145.472	21.327
331.576	5452.967	5864.391	3.221
3.988	183.386	1.000	14.789
12/11/2016 9:59:45 PM	344700.000	145.480	21.328
331.594	5453.500	5864.784	3.221
3.988	183.368	1.000	14.794
12/11/2016 10:14:45 PM	345600.000	145.475	21.325
331.581	5454.172	5865.856	3.222
3.989	183.346	1.000	14.792
12/11/2016 10:29:45 PM	346500.000	145.483	21.325
331.602	5454.805	5866.590	3.222
3.989	183.325	1.000	14.791

12/11/2016 10:44:45 PM	347400.000	145.474	21.332
331.580	5455.591	5866.622	3.222
3.989	183.298	1.000	14.799
12/11/2016 10:59:45 PM	348300.000	145.478	21.333
331.589	5455.924	5866.823	3.223
3.989	183.287	1.000	14.795
12/11/2016 11:14:45 PM	349200.000	145.483	21.330
331.602	5454.752	5865.900	3.222
3.989	183.326	1.000	14.794
12/11/2016 11:29:45 PM	350100.000	145.479	21.334
331.591	5456.276	5867.083	3.223
3.990	183.275	1.000	14.797
12/11/2016 11:44:45 PM	351000.000	145.477	21.338
331.587	5456.144	5866.478	3.222
3.989	183.280	1.000	14.796
12/11/2016 11:59:45 PM	351900.000	145.485	21.339
331.605	5457.396	5867.739	3.223
3.990	183.238	1.000	14.791
12/12/2016 12:14:45 AM	352800.000	145.478	21.337
331.590	5456.672	5867.203	3.223
3.990	183.262	1.000	14.799
12/12/2016 12:29:45 AM	353700.000	145.491	21.339
331.618	5456.246	5866.407	3.222
3.989	183.276	1.000	14.791
12/12/2016 12:44:45 AM	354600.000	145.527	21.337
331.702	5456.999	5867.512	3.223
3.990	183.251	1.000	14.795
12/12/2016 12:59:45 AM	355500.000	145.484	21.337
331.602	5456.258	5866.747	3.222
3.989	183.276	1.000	14.798
12/12/2016 1:14:45 AM	356400.000	145.492	21.338
331.621	5456.829	5867.172	3.223
3.990	183.257	1.000	14.797
12/12/2016 1:29:45 AM	357300.000	145.486	21.341
331.608	5457.471	5867.588	3.223
3.990	183.235	1.000	14.794
12/12/2016 1:44:45 AM	358200.000	145.528	21.338
331.703	5456.746	5867.062	3.223
3.990	183.259	1.000	14.794
12/12/2016 1:59:45 AM	359100.000	145.535	21.341
331.720	5457.634	5867.763	3.223
3.990	183.230	1.000	14.790
12/12/2016 2:14:45 AM	360000.000	145.509	21.334
331.659	5456.322	5867.133	3.223
3.990	183.274	1.000	14.789
12/12/2016 2:29:45 AM	360900.000	145.500	21.331
331.639	5456.961	5868.232	3.223
3.990	183.252	1.000	14.797
12/12/2016 2:44:45 AM	361800.000	145.513	21.327
331.668	5455.794	5867.442	3.223
3.990	183.291	1.000	14.795
12/12/2016 2:59:45 AM	362700.000	145.505	21.332
331.651	5455.877	5866.930	3.223
3.990	183.289	1.000	14.795
12/12/2016 3:14:45 AM	363600.000	145.547	21.340
331.747	5457.573	5867.708	3.223

3.990	183.232	1.000	14.787
12/12/2016 3:29:45 AM	364500.000	145.510	21.339
331.662	5457.341	5867.659	3.223
3.990	183.239	1.000	14.793
12/12/2016 3:44:45 AM	365400.000	145.517	21.342
331.677	5458.455	5868.433	3.223
3.991	183.202	1.000	14.790
12/12/2016 3:59:45 AM	366300.000	145.529	21.332
331.706	5457.281	5868.449	3.223
3.991	183.241	1.000	14.787
12/12/2016 4:14:45 AM	367200.000	145.553	21.329
331.761	5458.577	5870.191	3.224
3.992	183.198	1.000	14.787
12/12/2016 4:29:45 AM	368100.000	145.559	21.328
331.775	5456.715	5868.243	3.223
3.990	183.260	1.000	14.790
12/12/2016 4:44:45 AM	369000.000	145.512	21.333
331.667	5457.538	5868.620	3.224
3.991	183.233	1.000	14.798
12/12/2016 4:59:45 AM	369900.000	145.566	21.337
331.791	5458.092	5868.718	3.224
3.991	183.214	1.000	14.788
12/12/2016 5:14:45 AM	370800.000	145.521	21.334
331.686	5458.308	5869.226	3.224
3.991	183.207	1.000	14.787
12/12/2016 5:29:45 AM	371700.000	145.536	21.329
331.722	5457.270	5868.776	3.224
3.991	183.242	1.000	14.786
12/12/2016 5:44:45 AM	372600.000	145.529	21.327
331.706	5457.702	5869.494	3.224
3.991	183.227	1.000	14.794
12/12/2016 5:59:45 AM	373500.000	145.540	21.327
331.730	5457.155	5868.874	3.224
3.991	183.246	1.000	14.794
12/12/2016 6:14:45 AM	374400.000	145.537	21.336
331.724	5458.626	5869.358	3.224
3.991	183.196	1.000	14.794
12/12/2016 6:29:45 AM	375300.000	145.545	21.336
331.742	5458.938	5869.735	3.224
3.991	183.186	1.000	14.792
12/12/2016 6:44:45 AM	376200.000	145.569	21.340
331.796	5459.691	5870.090	3.224
3.992	183.161	1.000	14.796
12/12/2016 6:59:45 AM	377100.000	145.543	21.338
331.738	5461.909	5872.624	3.226
3.993	183.086	1.000	14.797
12/12/2016 7:14:45 AM	378000.000	145.543	21.335
331.737	5461.011	5872.018	3.226
3.993	183.116	1.000	14.790
12/12/2016 7:29:45 AM	378900.000	145.581	21.338
331.823	5461.298	5871.987	3.226
3.993	183.107	1.000	14.796
12/12/2016 7:44:45 AM	379800.000	145.559	21.337
331.773	5461.876	5872.715	3.226
3.993	183.087	1.000	14.788
12/12/2016 7:59:45 AM	380700.000	145.560	21.340

331.777	5462.241	5872.811	3.226
3.994	183.075	1.000	14.794
12/12/2016 8:14:45 AM	381600.000	145.560	21.337
331.776	5463.547	5874.553	3.227
3.995	183.031	1.000	14.802
12/12/2016 8:29:45 AM	382500.000	145.575	21.332
331.811	5462.844	5874.400	3.227
3.995	183.055	1.000	14.801
12/12/2016 8:44:45 AM	383400.000	145.570	21.328
331.800	5463.602	5875.713	3.228
3.995	183.029	1.000	14.805
12/12/2016 8:59:45 AM	384300.000	145.575	21.326
331.809	5464.817	5877.229	3.229
3.997	182.989	1.000	14.808
12/12/2016 9:14:45 AM	385200.000	145.573	21.327
331.806	5463.652	5875.809	3.228
3.996	183.028	1.000	14.809
12/12/2016 9:29:45 AM	386100.000	145.575	21.334
331.810	5464.896	5876.310	3.228
3.996	182.986	1.000	14.811
12/12/2016 9:44:45 AM	387000.000	145.589	21.330
331.842	5465.417	5877.433	3.229
3.997	182.969	1.000	14.808
12/12/2016 9:59:45 AM	387900.000	145.587	21.326
331.838	5464.545	5876.896	3.228
3.996	182.998	1.000	14.816
12/12/2016 10:14:45 AM	388800.000	145.596	21.324
331.858	5463.983	5876.534	3.228
3.996	183.017	1.000	14.810
12/12/2016 10:29:45 AM	389700.000	145.590	21.327
331.844	5464.441	5876.658	3.228
3.996	183.001	1.000	14.812
12/12/2016 10:44:45 AM	390600.000	145.585	21.338
331.834	5465.608	5876.654	3.228
3.996	182.962	1.000	14.812
12/12/2016 10:59:45 AM	391500.000	145.594	21.339
331.853	5466.024	5877.006	3.228
3.996	182.948	1.000	14.811
12/12/2016 11:14:45 AM	392400.000	145.598	21.335
331.863	5465.064	5876.365	3.228
3.996	182.980	1.000	14.809
12/12/2016 11:29:45 AM	393300.000	145.648	21.330
331.976	5464.332	5876.285	3.228
3.996	183.005	1.000	14.800
12/12/2016 11:44:45 AM	394200.000	145.613	21.329
331.896	5465.074	5877.168	3.229
3.996	182.980	1.000	14.798
12/12/2016 11:59:45 AM	395100.000	145.610	21.336
331.889	5465.656	5876.907	3.228
3.996	182.961	1.000	14.794
12/12/2016 12:14:45 PM	396000.000	145.627	21.339
331.929	5466.922	5877.886	3.229
3.997	182.918	1.000	14.779
12/12/2016 12:29:45 PM	396900.000	145.619	21.339
331.910	5467.296	5878.320	3.229
3.997	182.906	1.000	14.785

12/12/2016 12:44:45 PM	397800.000	145.623	21.329
331.919	5465.992	5878.103	3.229
3.997	182.949	1.000	14.783
12/12/2016 12:59:45 PM	398700.000	145.619	21.323
331.911	5465.595	5878.407	3.229
3.997	182.963	1.000	14.777
12/12/2016 1:14:45 PM	399600.000	145.619	21.328
331.911	5466.160	5878.454	3.229
3.997	182.944	1.000	14.784
12/12/2016 1:29:45 PM	400500.000	145.626	21.337
331.927	5466.682	5877.882	3.229
3.997	182.926	1.000	14.774
12/12/2016 1:44:45 PM	401400.000	145.626	21.336
331.926	5466.914	5878.269	3.229
3.997	182.919	1.000	14.788
12/12/2016 1:59:45 PM	402300.000	145.619	21.327
331.911	5465.992	5878.368	3.229
3.997	182.949	1.000	14.783
12/12/2016 2:14:45 PM	403200.000	145.631	21.327
331.938	5466.543	5879.012	3.230
3.998	182.931	1.000	14.777
12/12/2016 2:29:45 PM	404100.000	145.658	21.328
331.999	5467.690	5880.110	3.230
3.998	182.893	1.000	14.781
12/12/2016 2:44:45 PM	405000.000	145.624	21.332
331.923	5467.892	5879.849	3.230
3.998	182.886	1.000	14.776
12/12/2016 2:59:45 PM	405900.000	145.622	21.326
331.918	5467.379	5879.976	3.230
3.998	182.903	1.000	14.779
12/12/2016 3:14:45 PM	406800.000	145.662	21.328
332.009	5468.312	5880.810	3.231
3.999	182.872	1.000	14.775
12/12/2016 3:29:45 PM	407700.000	145.609	21.341
331.887	5469.255	5880.257	3.230
3.999	182.840	1.000	14.778
12/12/2016 3:44:45 PM	408600.000	145.608	21.338
331.885	5468.669	5879.913	3.230
3.998	182.860	1.000	14.780
12/12/2016 3:59:45 PM	409500.000	145.611	21.339
331.892	5470.200	5881.420	3.231
3.999	182.809	1.000	14.776
12/12/2016 4:14:45 PM	410400.000	145.611	21.338
331.892	5469.934	5881.242	3.231
3.999	182.818	1.000	14.772
12/12/2016 4:29:45 PM	411300.000	145.603	21.338
331.875	5469.867	5881.169	3.231
3.999	182.820	1.000	14.773
12/12/2016 4:44:45 PM	412200.000	145.636	21.339
331.950	5470.382	5881.649	3.231
4.000	182.803	1.000	14.767
12/12/2016 4:59:45 PM	413100.000	145.608	21.344
331.885	5471.482	5882.271	3.232
4.000	182.766	1.000	14.766
12/12/2016 5:14:45 PM	414000.000	145.631	21.340
331.937	5471.216	5882.428	3.232

4.000	182.775	1.000	14.772
12/12/2016 5:29:45 PM	414900.000	145.593	21.339
331.850	5470.518	5881.847	3.231
4.000	182.798	1.000	14.777
12/12/2016 5:44:45 PM	415800.000	145.588	21.334
331.839	5469.402	5881.177	3.231
3.999	182.835	1.000	14.773
12/12/2016 5:59:45 PM	416700.000	145.594	21.329
331.854	5469.160	5881.583	3.231
3.999	182.843	1.000	14.779
12/12/2016 6:14:45 PM	417600.000	145.584	21.333
331.831	5469.934	5881.875	3.231
4.000	182.818	1.000	14.780
12/12/2016 6:29:45 PM	418500.000	145.587	21.333
331.838	5469.979	5881.958	3.231
4.000	182.816	1.000	14.775
12/12/2016 6:44:45 PM	419400.000	145.629	21.335
331.934	5470.312	5882.060	3.231
4.000	182.805	1.000	14.772
12/12/2016 6:59:45 PM	420300.000	145.578	21.342
331.817	5471.844	5882.818	3.232
4.000	182.754	1.000	14.772
12/12/2016 7:14:45 PM	421200.000	145.604	21.343
331.877	5471.350	5882.160	3.232
4.000	182.770	1.000	14.779
12/12/2016 7:29:45 PM	422100.000	145.567	21.342
331.791	5471.915	5882.979	3.232
4.000	182.751	1.000	14.779
12/12/2016 7:44:45 PM	423000.000	145.602	21.341
331.871	5471.905	5883.064	3.232
4.000	182.752	1.000	14.775
12/12/2016 7:59:45 PM	423900.000	145.605	21.338
331.880	5471.309	5882.730	3.232
4.000	182.772	1.000	14.778
12/12/2016 8:14:45 PM	424800.000	145.562	21.339
331.780	5471.186	5882.544	3.232
4.000	182.776	1.000	14.776
12/12/2016 8:29:45 PM	425700.000	145.564	21.343
331.786	5471.314	5882.132	3.231
4.000	182.771	1.000	14.771
12/12/2016 8:44:45 PM	426600.000	145.605	21.331
331.878	5470.362	5882.580	3.232
4.000	182.803	1.000	14.771
12/12/2016 8:59:45 PM	427500.000	145.558	21.340
331.771	5471.703	5882.931	3.232
4.000	182.758	1.000	14.779
12/12/2016 9:14:45 PM	428400.000	145.551	21.341
331.756	5471.851	5883.017	3.232
4.000	182.754	1.000	14.780
12/12/2016 9:29:45 PM	429300.000	145.601	21.335
331.870	5471.899	5883.820	3.232
4.001	182.752	1.000	14.775
12/12/2016 9:44:45 PM	430200.000	145.566	21.337
331.789	5472.803	5884.474	3.233
4.001	182.722	1.000	14.780
12/12/2016 9:59:45 PM	431100.000	145.562	21.344

331.781	5472.384	5883.251	3.232
4.001	182.736	1.000	14.781
12/12/2016 10:14:45 PM	432000.000	145.559	21.331
331.774	5470.942	5883.192	3.232
4.001	182.784	1.000	14.786
12/12/2016 10:29:45 PM	432900.000	145.572	21.330
331.804	5471.941	5884.363	3.233
4.001	182.750	1.000	14.775
12/12/2016 10:44:45 PM	433800.000	145.569	21.327
331.796	5471.153	5883.918	3.233
4.001	182.777	1.000	14.780
12/12/2016 10:59:45 PM	434700.000	145.609	21.325
331.888	5470.532	5883.515	3.232
4.001	182.798	1.000	14.782
12/12/2016 11:14:45 PM	435600.000	145.561	21.336
331.779	5472.842	5884.643	3.233
4.002	182.720	1.000	14.786
12/12/2016 11:29:45 PM	436500.000	145.574	21.340
331.807	5472.776	5884.169	3.233
4.001	182.723	1.000	14.772
12/12/2016 11:44:45 PM	437400.000	145.577	21.339
331.814	5472.746	5884.221	3.233
4.001	182.724	1.000	14.778
12/12/2016 11:59:45 PM	438300.000	145.577	21.336
331.815	5473.162	5884.987	3.233
4.002	182.710	1.000	14.786
12/13/2016 12:14:45 AM	439200.000	145.578	21.333
331.818	5472.655	5884.813	3.233
4.002	182.727	1.000	14.777
12/13/2016 12:29:45 AM	440100.000	145.575	21.337
331.811	5472.548	5884.200	3.233
4.001	182.730	1.000	14.784
12/13/2016 12:44:45 AM	441000.000	145.616	21.338
331.904	5473.202	5884.767	3.233
4.002	182.708	1.000	14.780
12/13/2016 12:59:45 AM	441900.000	145.589	21.330
331.843	5471.936	5884.389	3.233
4.001	182.751	1.000	14.777
12/13/2016 1:14:45 AM	442800.000	145.598	21.332
331.863	5472.520	5884.805	3.233
4.002	182.731	1.000	14.779
12/13/2016 1:29:45 AM	443700.000	145.602	21.332
331.871	5472.771	5885.043	3.233
4.002	182.723	1.000	14.782
12/13/2016 1:44:45 AM	444600.000	145.591	21.336
331.848	5473.706	5885.593	3.234
4.002	182.692	1.000	14.786
12/13/2016 1:59:45 AM	445500.000	145.593	21.339
331.851	5473.562	5885.035	3.233
4.002	182.696	1.000	14.789
12/13/2016 2:14:45 AM	446400.000	145.610	21.338
331.890	5473.608	5885.203	3.233
4.002	182.695	1.000	14.784
12/13/2016 2:29:45 AM	447300.000	145.600	21.339
331.866	5474.470	5886.034	3.234
4.003	182.666	1.000	14.786

12/13/2016 2:44:45 AM	448200.000	145.596	21.330
331.859	5473.035	5885.540	3.233
4.002	182.714	1.000	14.787
12/13/2016 2:59:45 AM	449100.000	145.593	21.331
331.852	5473.198	5885.618	3.234
4.002	182.709	1.000	14.790
12/13/2016 3:14:45 AM	450000.000	145.612	21.332
331.894	5473.621	5886.000	3.234
4.002	182.694	1.000	14.786
12/13/2016 3:29:45 AM	450900.000	145.603	21.333
331.874	5473.854	5886.070	3.234
4.003	182.687	1.000	14.783
12/13/2016 3:44:45 AM	451800.000	145.610	21.337
331.890	5475.020	5886.836	3.234
4.003	182.648	1.000	14.780
12/13/2016 3:59:45 AM	452700.000	145.656	21.341
331.995	5475.200	5886.585	3.234
4.003	182.642	1.000	14.780
12/13/2016 4:14:45 AM	453600.000	145.602	21.342
331.871	5476.215	5887.613	3.235
4.004	182.608	1.000	14.780
12/13/2016 4:29:45 AM	454500.000	145.650	21.342
331.982	5476.059	5887.371	3.235
4.003	182.613	1.000	14.774
12/13/2016 4:44:45 AM	455400.000	145.610	21.348
331.889	5476.665	5887.280	3.235
4.003	182.593	1.000	14.777
12/13/2016 4:59:45 AM	456300.000	145.658	21.343
331.999	5476.542	5887.838	3.235
4.004	182.597	1.000	14.775
12/13/2016 5:14:45 AM	457200.000	145.613	21.343
331.898	5476.574	5887.777	3.235
4.004	182.596	1.000	14.776
12/13/2016 5:29:45 AM	458100.000	145.621	21.344
331.915	5476.300	5887.386	3.235
4.003	182.605	1.000	14.776
12/13/2016 5:44:45 AM	459000.000	145.634	21.338
331.944	5475.961	5887.722	3.235
4.004	182.616	1.000	14.773
12/13/2016 5:59:45 AM	459900.000	145.617	21.334
331.906	5475.460	5887.744	3.235
4.004	182.633	1.000	14.779
12/13/2016 6:14:45 AM	460800.000	145.632	21.331
331.940	5474.762	5887.333	3.235
4.003	182.656	1.000	14.777
12/13/2016 6:29:45 AM	461700.000	145.674	21.330
332.037	5475.412	5888.212	3.235
4.004	182.635	1.000	14.783
12/13/2016 6:44:45 AM	462600.000	145.643	21.331
331.966	5475.742	5888.343	3.235
4.004	182.624	1.000	14.781
12/13/2016 6:59:45 AM	463500.000	145.643	21.337
331.965	5475.568	5887.447	3.235
4.003	182.629	1.000	14.785
12/13/2016 7:14:45 AM	464400.000	145.642	21.340
331.962	5477.640	5889.304	3.236

4.005	182.560	1.000	14.786
12/13/2016 7:29:45 AM	465300.000	145.651	21.338
331.984	5477.615	5889.531	3.236
4.005	182.561	1.000	14.782
12/13/2016 7:44:45 AM	466200.000	145.649	21.335
331.978	5477.277	5889.603	3.236
4.005	182.572	1.000	14.790
12/13/2016 7:59:45 AM	467100.000	145.658	21.333
331.998	5477.963	5890.488	3.236
4.006	182.550	1.000	14.791
12/13/2016 8:14:45 AM	468000.000	145.703	21.333
332.102	5477.336	5889.910	3.236
4.005	182.570	1.000	14.794
12/13/2016 8:29:45 AM	468900.000	145.698	21.330
332.090	5477.419	5890.350	3.236
4.005	182.568	1.000	14.795
12/13/2016 8:44:45 AM	469800.000	145.654	21.340
331.990	5478.575	5890.340	3.236
4.005	182.529	1.000	14.812
12/13/2016 8:59:45 AM	470700.000	145.657	21.342
331.998	5478.976	5890.582	3.236
4.006	182.516	1.000	14.799
12/13/2016 9:14:45 AM	471600.000	145.667	21.338
332.021	5478.432	5890.410	3.236
4.005	182.534	1.000	14.809
12/13/2016 9:29:45 AM	472500.000	145.705	21.341
332.107	5479.731	5891.500	3.237
4.006	182.491	1.000	14.810
12/13/2016 9:44:45 AM	473400.000	145.684	21.335
332.059	5479.091	5891.511	3.237
4.006	182.512	1.000	14.804
12/13/2016 9:59:45 AM	474300.000	145.678	21.333
332.044	5479.127	5891.740	3.237
4.006	182.511	1.000	14.811
12/13/2016 10:14:45 AM	475200.000	145.682	21.333
332.055	5478.655	5891.232	3.237
4.006	182.527	1.000	14.811
12/13/2016 10:29:45 AM	476100.000	145.725	21.330
332.152	5478.404	5891.429	3.237
4.006	182.535	1.000	14.807
12/13/2016 10:44:45 AM	477000.000	145.711	21.341
332.121	5480.094	5891.814	3.237
4.006	182.479	1.000	14.813
12/13/2016 10:59:45 AM	477900.000	145.678	21.336
332.045	5479.342	5891.664	3.237
4.006	182.504	1.000	14.810
12/13/2016 11:14:45 AM	478800.000	145.695	21.338
332.084	5479.792	5891.884	3.237
4.006	182.489	1.000	14.803
12/13/2016 11:29:45 AM	479700.000	145.698	21.335
332.091	5479.386	5891.828	3.237
4.006	182.502	1.000	14.803
12/13/2016 11:44:45 AM	480600.000	145.705	21.329
332.106	5479.762	5892.952	3.238
4.007	182.490	1.000	14.797
12/13/2016 11:59:45 AM	481500.000	145.708	21.329

332.114	5480.034	5893.245	3.238
4.007	182.481	1.000	14.797
12/13/2016 12:14:45 PM	482400.000	145.719	21.327
332.138	5479.575	5892.954	3.238
4.007	182.496	1.000	14.791
12/13/2016 12:29:45 PM	483300.000	145.748	21.333
332.205	5481.063	5893.876	3.238
4.008	182.446	1.000	14.783
12/13/2016 12:44:45 PM	484200.000	145.737	21.342
332.179	5482.623	5894.406	3.239
4.008	182.394	1.000	14.782
12/13/2016 12:59:45 PM	485100.000	145.720	21.339
332.142	5482.715	5894.930	3.239
4.009	182.391	1.000	14.779
12/13/2016 1:14:45 PM	486000.000	145.754	21.336
332.219	5481.507	5893.960	3.238
4.008	182.432	1.000	14.778
12/13/2016 1:29:45 PM	486900.000	145.720	21.326
332.141	5481.006	5894.694	3.239
4.008	182.448	1.000	14.779
12/13/2016 1:44:45 PM	487800.000	145.729	21.327
332.162	5481.144	5894.715	3.239
4.008	182.444	1.000	14.770
12/13/2016 1:59:45 PM	488700.000	145.727	21.330
332.156	5482.623	5895.860	3.240
4.009	182.394	1.000	14.766
12/13/2016 2:14:45 PM	489600.000	145.714	21.329
332.128	5482.682	5896.061	3.240
4.009	182.393	1.000	14.779
12/13/2016 2:29:45 PM	490500.000	145.721	21.342
332.142	5484.174	5896.084	3.240
4.009	182.343	1.000	14.778
12/13/2016 2:44:45 PM	491400.000	145.718	21.332
332.137	5483.214	5896.305	3.240
4.009	182.375	1.000	14.777
12/13/2016 2:59:45 PM	492300.000	145.763	21.328
332.239	5483.555	5897.106	3.240
4.010	182.363	1.000	14.776
12/13/2016 3:14:45 PM	493200.000	145.756	21.332
332.222	5483.367	5896.469	3.240
4.010	182.370	1.000	14.770
12/13/2016 3:29:45 PM	494100.000	145.715	21.337
332.130	5484.457	5897.015	3.240
4.010	182.333	1.000	14.769
12/13/2016 3:44:45 PM	495000.000	145.707	21.342
332.111	5484.495	5896.504	3.240
4.010	182.332	1.000	14.773
12/13/2016 3:59:45 PM	495900.000	145.704	21.338
332.104	5484.007	5896.468	3.240
4.010	182.348	1.000	14.771
12/13/2016 4:14:45 PM	496800.000	145.744	21.339
332.195	5484.463	5896.820	3.240
4.010	182.333	1.000	14.771
12/13/2016 4:29:45 PM	497700.000	145.731	21.342
332.167	5484.176	5896.076	3.240
4.009	182.343	1.000	14.769

12/13/2016 4:44:45 PM	498600.000	145.747	21.332
332.203	5483.391	5896.526	3.240
4.010	182.369	1.000	14.767
12/13/2016 4:59:45 PM	499500.000	145.701	21.331
332.097	5483.885	5897.132	3.240
4.010	182.352	1.000	14.766
12/13/2016 5:14:45 PM	500400.000	145.687	21.339
332.065	5484.756	5897.104	3.240
4.010	182.324	1.000	14.767
12/13/2016 5:29:45 PM	501300.000	145.691	21.338
332.074	5485.374	5897.864	3.241
4.011	182.303	1.000	14.761
12/13/2016 5:44:45 PM	502200.000	145.678	21.342
332.045	5484.563	5896.544	3.240
4.010	182.330	1.000	14.774
12/13/2016 5:59:45 PM	503100.000	145.672	21.334
332.032	5483.805	5896.738	3.240
4.010	182.355	1.000	14.771
12/13/2016 6:14:45 PM	504000.000	145.706	21.335
332.109	5484.882	5897.727	3.241
4.010	182.319	1.000	14.772
12/13/2016 6:29:45 PM	504900.000	145.660	21.342
332.004	5484.626	5896.667	3.240
4.010	182.328	1.000	14.775
12/13/2016 6:44:45 PM	505800.000	145.660	21.340
332.004	5484.560	5896.733	3.240
4.010	182.330	1.000	14.774
12/13/2016 6:59:45 PM	506700.000	145.652	21.337
331.986	5484.111	5896.623	3.240
4.010	182.345	1.000	14.774
12/13/2016 7:14:45 PM	507600.000	145.692	21.337
332.078	5484.148	5896.735	3.240
4.010	182.344	1.000	14.775
12/13/2016 7:29:45 PM	508500.000	145.689	21.334
332.069	5484.673	5897.598	3.241
4.010	182.326	1.000	14.769
12/13/2016 7:44:45 PM	509400.000	145.682	21.339
332.054	5485.431	5897.840	3.241
4.011	182.301	1.000	14.773
12/13/2016 7:59:45 PM	510300.000	145.632	21.342
331.941	5485.606	5897.720	3.241
4.010	182.295	1.000	14.777
12/13/2016 8:14:45 PM	511200.000	145.641	21.341
331.962	5485.204	5897.405	3.240
4.010	182.309	1.000	14.777
12/13/2016 8:29:45 PM	512100.000	145.636	21.337
331.949	5485.204	5897.861	3.241
4.011	182.309	1.000	14.777
12/13/2016 8:44:45 PM	513000.000	145.634	21.338
331.945	5486.091	5898.645	3.241
4.011	182.279	1.000	14.776
12/13/2016 8:59:45 PM	513900.000	145.630	21.330
331.936	5484.648	5898.091	3.241
4.011	182.327	1.000	14.781
12/13/2016 9:14:45 PM	514800.000	145.668	21.332
332.023	5484.842	5898.066	3.241

4.011	182.321	1.000	14.776
12/13/2016 9:29:45 PM	515700.000	145.626	21.330
331.926	5484.542	5898.030	3.241
4.011	182.331	1.000	14.777
12/13/2016 9:44:45 PM	516600.000	145.666	21.331
332.018	5484.236	5897.562	3.241
4.010	182.341	1.000	14.779
12/13/2016 9:59:45 PM	517500.000	145.664	21.329
332.012	5484.648	5898.175	3.241
4.011	182.327	1.000	14.780
12/13/2016 10:14:45 PM	518400.000	145.615	21.327
331.901	5482.978	5896.603	3.240
4.010	182.383	1.000	14.792
12/13/2016 10:29:45 PM	519300.000	145.622	21.330
331.918	5483.535	5896.926	3.240
4.010	182.364	1.000	14.786
12/13/2016 10:44:45 PM	520200.000	145.615	21.331
331.901	5483.507	5896.716	3.240
4.010	182.365	1.000	14.793
12/13/2016 10:59:45 PM	521100.000	145.618	21.329
331.907	5483.289	5896.777	3.240
4.010	182.372	1.000	14.785
12/13/2016 11:14:45 PM	522000.000	145.670	21.332
332.027	5484.262	5897.484	3.240
4.010	182.340	1.000	14.778
12/13/2016 11:29:45 PM	522900.000	145.623	21.330
331.919	5484.197	5897.638	3.241
4.010	182.342	1.000	14.785
12/13/2016 11:44:45 PM	523800.000	145.633	21.329
331.942	5482.585	5896.031	3.240
4.009	182.396	1.000	14.778
12/13/2016 11:59:45 PM	524700.000	145.608	21.328
331.886	5483.784	5897.385	3.240
4.010	182.356	1.000	14.787
12/14/2016 12:14:45 AM	525600.000	145.619	21.328
331.910	5482.712	5896.232	3.240
4.009	182.391	1.000	14.782
12/14/2016 12:29:45 AM	526500.000	145.624	21.329
331.921	5483.269	5896.682	3.240
4.010	182.373	1.000	14.784
12/14/2016 12:44:45 AM	527400.000	145.618	21.330
331.909	5483.050	5896.331	3.240
4.010	182.380	1.000	14.783
12/14/2016 12:59:45 AM	528300.000	145.628	21.332
331.931	5483.057	5896.167	3.240
4.009	182.380	1.000	14.776
12/14/2016 1:14:45 AM	529200.000	145.635	21.330
331.946	5483.174	5896.443	3.240
4.010	182.376	1.000	14.767
12/14/2016 1:29:45 AM	530100.000	145.666	21.332
332.018	5483.279	5896.343	3.240
4.010	182.373	1.000	14.775
12/14/2016 1:44:45 AM	531000.000	145.632	21.337
331.941	5484.314	5896.935	3.240
4.010	182.338	1.000	14.770
12/14/2016 1:59:45 AM	531900.000	145.668	21.337

332.022	5484.594	5897.195	3.240
4.010	182.329	1.000	14.776
12/14/2016 2:14:45 AM	532800.000	145.667	21.331
332.020	5484.687	5897.952	3.241
4.011	182.326	1.000	14.779
12/14/2016 2:29:45 AM	533700.000	145.638	21.329
331.954	5483.053	5896.546	3.240
4.010	182.380	1.000	14.779
12/14/2016 2:44:45 AM	534600.000	145.630	21.332
331.936	5483.883	5897.035	3.240
4.010	182.353	1.000	14.780
12/14/2016 2:59:45 AM	535500.000	145.665	21.340
332.017	5484.541	5896.712	3.240
4.010	182.331	1.000	14.779
12/14/2016 3:14:45 AM	536400.000	145.629	21.343
331.934	5484.731	5896.620	3.240
4.010	182.324	1.000	14.779
12/14/2016 3:29:45 AM	537300.000	145.628	21.343
331.930	5483.619	5895.372	3.239
4.009	182.361	1.000	14.783
12/14/2016 3:44:45 AM	538200.000	145.674	21.338
332.036	5484.011	5896.388	3.240
4.010	182.348	1.000	14.778
12/14/2016 3:59:45 AM	539100.000	145.659	21.331
332.001	5483.156	5896.380	3.240
4.010	182.377	1.000	14.767
12/14/2016 4:14:45 AM	540000.000	145.648	21.333
331.976	5483.171	5896.079	3.240
4.009	182.376	1.000	14.767
12/14/2016 4:29:45 AM	540900.000	145.662	21.340
332.008	5483.945	5896.104	3.240
4.009	182.350	1.000	14.763
12/14/2016 4:44:45 AM	541800.000	145.708	21.339
332.113	5484.283	5896.595	3.240
4.010	182.339	1.000	14.755
12/14/2016 4:59:45 AM	542700.000	145.650	21.334
331.981	5483.489	5896.356	3.240
4.010	182.366	1.000	14.757
12/14/2016 5:14:45 AM	543600.000	145.690	21.342
332.072	5483.691	5895.565	3.239
4.009	182.359	1.000	14.763
12/14/2016 5:29:45 AM	544500.000	145.696	21.341
332.086	5484.621	5896.672	3.240
4.010	182.328	1.000	14.758
12/14/2016 5:44:45 AM	545400.000	145.661	21.346
332.007	5485.347	5896.911	3.240
4.010	182.304	1.000	14.761
12/14/2016 5:59:45 AM	546300.000	145.691	21.347
332.074	5485.044	5896.447	3.240
4.010	182.314	1.000	14.763
12/14/2016 6:14:45 AM	547200.000	145.672	21.344
332.031	5484.504	5896.227	3.240
4.009	182.332	1.000	14.760
12/14/2016 6:29:45 AM	548100.000	145.668	21.345
332.022	5484.869	5896.502	3.240
4.010	182.320	1.000	14.759

12/14/2016 6:44:45 AM	549000.000	145.662	21.340
332.008	5485.102	5897.316	3.240
4.010	182.312	1.000	14.763
12/14/2016 6:59:45 AM	549900.000	145.675	21.340
332.038	5484.999	5897.215	3.240
4.010	182.315	1.000	14.765
12/14/2016 7:14:45 AM	550800.000	145.712	21.333
332.122	5484.292	5897.379	3.240
4.010	182.339	1.000	14.769
12/14/2016 7:29:45 AM	551700.000	145.678	21.340
332.046	5484.103	5896.316	3.240
4.009	182.345	1.000	14.760
12/14/2016 7:44:45 AM	552600.000	145.711	21.342
332.120	5484.956	5896.967	3.240
4.010	182.317	1.000	14.759
12/14/2016 7:59:45 AM	553500.000	145.681	21.343
332.052	5484.582	5896.491	3.240
4.010	182.329	1.000	14.755
12/14/2016 8:14:45 AM	554400.000	145.683	21.339
332.057	5486.229	5898.655	3.241
4.011	182.275	1.000	14.761
12/14/2016 8:29:45 AM	555300.000	145.730	21.339
332.163	5484.972	5897.347	3.240
4.010	182.316	1.000	14.764
12/14/2016 8:44:45 AM	556200.000	145.695	21.333
332.085	5485.279	5898.451	3.241
4.011	182.306	1.000	14.761
12/14/2016 8:59:45 AM	557100.000	145.738	21.338
332.183	5486.554	5899.216	3.242
4.011	182.264	1.000	14.757
12/14/2016 9:14:45 AM	558000.000	145.685	21.338
332.061	5486.931	5899.591	3.242
4.012	182.251	1.000	14.776
12/14/2016 9:29:45 AM	558900.000	145.692	21.346
332.078	5487.740	5899.504	3.242
4.012	182.224	1.000	14.773
12/14/2016 9:44:45 AM	559800.000	145.690	21.335
332.073	5485.847	5898.711	3.241
4.011	182.287	1.000	14.775
12/14/2016 9:59:45 AM	560700.000	145.703	21.338
332.102	5485.804	5898.369	3.241
4.011	182.289	1.000	14.770
12/14/2016 10:14:45 AM	561600.000	145.702	21.342
332.100	5487.691	5899.898	3.242
4.012	182.226	1.000	14.773
12/14/2016 10:29:45 AM	562500.000	145.711	21.344
332.121	5487.835	5899.809	3.242
4.012	182.221	1.000	14.769
12/14/2016 10:44:45 AM	563400.000	145.705	21.338
332.106	5486.308	5898.847	3.241
4.011	182.272	1.000	14.773
12/14/2016 10:59:45 AM	564300.000	145.723	21.337
332.148	5487.674	5900.432	3.242
4.012	182.227	1.000	14.769
12/14/2016 11:14:45 AM	565200.000	145.721	21.341
332.144	5488.393	5900.780	3.242

4.013	182.203	1.000	14.768
12/14/2016 11:29:45 AM	566100.000	145.758	21.341
332.227	5488.846	5901.289	3.243
4.013	182.188	1.000	14.768
12/14/2016 11:44:45 AM	567000.000	145.727	21.336
332.158	5488.899	5901.877	3.243
4.013	182.186	1.000	14.766
12/14/2016 11:59:45 AM	567900.000	145.732	21.336
332.168	5489.730	5902.824	3.244
4.014	182.158	1.000	14.756
12/14/2016 12:14:45 PM	568800.000	145.762	21.338
332.237	5488.572	5901.386	3.243
4.013	182.197	1.000	14.757
12/14/2016 12:29:45 PM	569700.000	145.737	21.333
332.180	5488.132	5901.509	3.243
4.013	182.211	1.000	14.749
12/14/2016 12:44:45 PM	570600.000	145.738	21.336
332.182	5489.364	5902.439	3.243
4.014	182.170	1.000	14.750
12/14/2016 12:59:45 PM	571500.000	145.741	21.335
332.189	5489.864	5903.147	3.244
4.014	182.154	1.000	14.750
12/14/2016 1:14:45 PM	572400.000	145.785	21.339
332.289	5488.309	5900.966	3.243
4.013	182.206	1.000	14.751
12/14/2016 1:29:45 PM	573300.000	145.746	21.326
332.199	5488.492	5902.723	3.244
4.014	182.199	1.000	14.750
12/14/2016 1:44:45 PM	574200.000	145.739	21.330
332.184	5488.683	5902.452	3.243
4.014	182.193	1.000	14.747
12/14/2016 1:59:45 PM	575100.000	145.746	21.329
332.200	5489.064	5902.956	3.244
4.014	182.180	1.000	14.742
12/14/2016 2:14:45 PM	576000.000	145.740	21.339
332.187	5490.846	5903.715	3.244
4.015	182.121	1.000	14.743
12/14/2016 2:29:45 PM	576900.000	145.743	21.341
332.194	5491.229	5903.777	3.244
4.015	182.109	1.000	14.747
12/14/2016 2:44:45 PM	577800.000	145.752	21.340
332.214	5490.936	5903.673	3.244
4.014	182.118	1.000	14.740
12/14/2016 2:59:45 PM	578700.000	145.750	21.327
332.208	5490.356	5904.601	3.245
4.015	182.138	1.000	14.747
12/14/2016 3:14:45 PM	579600.000	145.747	21.327
332.203	5490.559	5904.787	3.245
4.015	182.131	1.000	14.736
12/14/2016 3:29:45 PM	580500.000	145.781	21.332
332.279	5490.633	5904.325	3.244
4.015	182.128	1.000	14.741
12/14/2016 3:44:45 PM	581400.000	145.741	21.333
332.189	5490.933	5904.435	3.245
4.015	182.118	1.000	14.737
12/14/2016 3:59:45 PM	582300.000	145.749	21.333

332.207	5490.989	5904.549	3.245
4.015	182.117	1.000	14.732
12/14/2016 4:14:45 PM	583200.000	145.768	21.339
332.251	5492.404	5905.294	3.245
4.016	182.070	1.000	14.744
12/14/2016 4:29:45 PM	584100.000	145.776	21.343
332.269	5492.319	5904.714	3.245
4.015	182.072	1.000	14.739
12/14/2016 4:44:45 PM	585000.000	145.748	21.332
332.206	5490.704	5904.328	3.244
4.015	182.126	1.000	14.736
12/14/2016 4:59:45 PM	585900.000	145.773	21.330
332.262	5491.383	5905.366	3.245
4.016	182.104	1.000	14.738
12/14/2016 5:14:45 PM	586800.000	145.724	21.335
332.151	5492.934	5906.438	3.246
4.016	182.052	1.000	14.740
12/14/2016 5:29:45 PM	587700.000	145.733	21.328
332.170	5492.152	5906.341	3.246
4.016	182.078	1.000	14.740
12/14/2016 5:44:45 PM	588600.000	145.759	21.339
332.229	5492.124	5905.036	3.245
4.015	182.079	1.000	14.738
12/14/2016 5:59:45 PM	589500.000	145.726	21.342
332.155	5493.073	5905.748	3.245
4.016	182.047	1.000	14.741
12/14/2016 6:14:45 PM	590400.000	145.745	21.337
332.198	5493.194	5906.389	3.246
4.016	182.043	1.000	14.739
12/14/2016 6:29:45 PM	591300.000	145.702	21.344
332.099	5493.216	5905.637	3.245
4.016	182.043	1.000	14.737
12/14/2016 6:44:45 PM	592200.000	145.741	21.348
332.188	5494.518	5906.461	3.246
4.016	182.000	1.000	14.737
12/14/2016 6:59:45 PM	593100.000	145.705	21.345
332.106	5493.486	5905.745	3.245
4.016	182.034	1.000	14.736
12/14/2016 7:14:45 PM	594000.000	145.695	21.346
332.085	5493.949	5906.116	3.246
4.016	182.018	1.000	14.742
12/14/2016 7:29:45 PM	594900.000	145.693	21.345
332.079	5493.633	5905.883	3.245
4.016	182.029	1.000	14.732
12/14/2016 7:44:45 PM	595800.000	145.725	21.347
332.151	5494.775	5906.866	3.246
4.017	181.991	1.000	14.733
12/14/2016 7:59:45 PM	596700.000	145.683	21.346
332.056	5494.638	5906.910	3.246
4.017	181.996	1.000	14.730
12/14/2016 8:14:45 PM	597600.000	145.730	21.350
332.163	5495.320	5907.154	3.246
4.017	181.973	1.000	14.730
12/14/2016 8:29:45 PM	598500.000	145.675	21.352
332.037	5494.609	5906.156	3.246
4.016	181.997	1.000	14.734

12/14/2016 8:44:45 PM	599400.000	145.713	21.353
332.126	5494.492	5905.935	3.245
4.016	182.000	1.000	14.736
12/14/2016 8:59:45 PM	600300.000	145.701	21.351
332.097	5494.781	5906.478	3.246
4.016	181.991	1.000	14.746
12/14/2016 9:14:45 PM	601200.000	145.671	21.343
332.029	5494.789	5907.433	3.246
4.017	181.991	1.000	14.743
12/14/2016 9:29:45 PM	602100.000	145.660	21.340
332.005	5494.525	5907.522	3.246
4.017	181.999	1.000	14.743
12/14/2016 9:44:45 PM	603000.000	145.662	21.339
332.009	5493.584	5906.647	3.246
4.017	182.031	1.000	14.743
12/14/2016 9:59:45 PM	603900.000	145.662	21.338
332.009	5493.842	5906.979	3.246
4.017	182.022	1.000	14.744
12/14/2016 10:14:45 PM	604800.000	145.662	21.341
332.008	5494.990	5907.874	3.247
4.017	181.984	1.000	14.744
12/14/2016 10:29:45 PM	605700.000	145.658	21.342
331.999	5495.010	5907.767	3.247
4.017	181.983	1.000	14.738
12/14/2016 10:44:45 PM	606600.000	145.650	21.344
331.982	5494.930	5907.468	3.246
4.017	181.986	1.000	14.745
12/14/2016 10:59:45 PM	607500.000	145.691	21.348
332.075	5495.780	5907.914	3.247
4.017	181.958	1.000	14.742
12/14/2016 11:14:45 PM	608400.000	145.689	21.346
332.070	5495.839	5908.202	3.247
4.018	181.956	1.000	14.742
12/14/2016 11:29:45 PM	609300.000	145.694	21.347
332.082	5496.452	5908.775	3.247
4.018	181.936	1.000	14.741
12/14/2016 11:44:45 PM	610200.000	145.654	21.353
331.991	5497.167	5908.714	3.247
4.018	181.912	1.000	14.744
12/14/2016 11:59:45 PM	611100.000	145.647	21.350
331.974	5497.041	5908.929	3.247
4.018	181.916	1.000	14.744

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	TEMPERAT	CONDUCTIVITY
12/8/2016	0:00:00	0	89.314	16.4	1231.8
12/8/2016	0:15:00	0	89.338	16.4	1234.1
12/8/2016	0:30:00	0	89.325	16.4	1231.8
12/8/2016	0:45:00	0	89.329	16.4	1231.8
12/8/2016	1:00:00	0	89.329	16.4	1230.6
12/8/2016	1:15:00	0	89.289	16.4	1231.8
12/8/2016	1:30:00	0	89.295	16.4	1231.8
12/8/2016	1:45:00	0	89.313	16.4	1232.9
12/8/2016	2:00:00	0	89.314	16.4	1231.8
12/8/2016	2:15:00	0	89.351	16.4	1231.8
12/8/2016	2:30:00	0	89.297	16.4	1231.8
12/8/2016	2:45:00	0	89.316	16.4	1234.1
12/8/2016	3:00:00	0	89.342	16.4	1232.9
12/8/2016	3:15:00	0	89.352	16.4	1232.9
12/8/2016	3:30:00	0	89.329	16.4	1231.8
12/8/2016	3:45:00	0	89.343	16.4	1232.9
12/8/2016	4:00:00	0	89.345	16.4	1234.1
12/8/2016	4:15:00	0	89.353	16.4	1232.9
12/8/2016	4:30:00	0	89.31	16.4	1232.9
12/8/2016	4:45:00	0	89.337	16.4	1232.9
12/8/2016	5:00:00	0	89.33	16.4	1232.9
12/8/2016	5:15:00	0	89.347	16.4	1231.8
12/8/2016	5:30:00	0	89.363	16.4	1231.8
12/8/2016	5:45:00	0	89.356	16.4	1232.9
12/8/2016	6:00:00	0	89.319	16.4	1231.8
12/8/2016	6:15:00	0	89.331	16.4	1231.8
12/8/2016	6:30:00	0	89.361	16.4	1231.8
12/8/2016	6:45:00	0	89.32	16.4	1232.9
12/8/2016	7:00:00	0	89.322	16.4	1232.9
12/8/2016	7:15:00	0	89.291	16.4	1230.6
12/8/2016	7:30:00	0	89.332	16.4	1232.9

12/8/2016	7:45:00	0	89.347	16.4	1232.9
12/8/2016	8:00:00	0	89.366	16.4	1231.8
12/8/2016	8:15:00	0	89.355	16.4	1231.8
12/8/2016	8:30:00	0	89.365	16.4	1231.8
12/8/2016	8:45:00	0	89.36	16.4	1232.9
12/8/2016	9:00:00	0	89.333	16.4	1231.8
12/8/2016	9:15:00	0	89.324	16.4	1232.9
12/8/2016	9:30:00	0	89.295	16.4	1230.6
12/8/2016	9:45:00	0	89.35	16.4	1232.9
12/8/2016	10:00:00	0	89.305	16.4	1234.1
12/8/2016	10:15:00	0	89.299	16.4	1232.9
12/8/2016	10:30:00	0	89.32	16.4	1232.9
12/8/2016	10:45:00	0	89.328	16.4	1232.9
12/8/2016	11:00:00	0	89.331	16.4	1232.9
12/8/2016	11:15:00	0	89.337	16.4	1232.9
12/8/2016	11:30:00	0	89.344	16.4	1231.8
12/8/2016	11:45:00	0	89.328	16.4	1232.9
12/8/2016	12:00:00	0	89.367	16.4	1231.8
12/8/2016	12:15:00	0	89.346	16.4	1231.8
12/8/2016	12:30:00	0	89.366	16.4	1231.8
12/8/2016	12:45:00	0	89.325	16.4	1232.9
12/8/2016	13:00:00	0	89.328	16.4	1230.6
12/8/2016	13:15:00	0	89.372	16.4	1231.8
12/8/2016	13:30:00	0	89.369	16.4	1232.9
12/8/2016	13:45:00	0	89.347	16.4	1231.8
12/8/2016	14:00:00	0	89.384	16.4	1230.6
12/8/2016	14:15:00	0	89.379	16.4	1232.9
12/8/2016	14:30:00	0	89.37	16.4	1232.9
12/8/2016	14:45:00	0	89.351	16.4	1231.8
12/8/2016	15:00:00	0	89.356	16.4	1234.1
12/8/2016	15:15:00	0	89.334	16.4	1232.9
12/8/2016	15:30:00	0	89.356	16.4	1232.9
12/8/2016	15:45:00	0	89.394	16.4	1231.8
12/8/2016	16:00:00	0	89.328	16.4	1232.9
12/8/2016	16:15:00	0	89.363	16.4	1232.9
12/8/2016	16:30:00	0	89.346	16.4	1231.8
12/8/2016	16:45:00	0	89.381	16.4	1232.9
12/8/2016	17:00:00	0	89.363	16.4	1232.9
12/8/2016	17:15:00	0	89.367	16.4	1231.8
12/8/2016	17:30:00	0	89.369	16.4	1232.9
12/8/2016	17:45:00	0	89.345	16.4	1230.6
12/8/2016	18:00:00	0	89.357	16.4	1230.6
12/8/2016	18:15:00	0	89.354	16.4	1231.8
12/8/2016	18:30:00	0	89.374	16.4	1231.8
12/8/2016	18:45:00	0	89.348	16.4	1232.9
12/8/2016	19:00:00	0	89.383	16.4	1231.8
12/8/2016	19:15:00	0	89.37	16.4	1230.6

12/8/2016	19:30:00	0	89.36	16.4	1232.9
12/8/2016	19:45:00	0	89.394	16.4	1234.1
12/8/2016	20:00:00	0	89.371	16.4	1231.8
12/8/2016	20:15:00	0	89.383	16.4	1232.9
12/8/2016	20:30:00	0	89.415	16.4	1232.9
12/8/2016	20:45:00	0	89.373	16.4	1231.8
12/8/2016	21:00:00	0	89.37	16.4	1231.8
12/8/2016	21:15:00	0	89.373	16.4	1232.9
12/8/2016	21:30:00	0	89.372	16.4	1231.8
12/8/2016	21:45:00	0	89.364	16.4	1231.8
12/8/2016	22:00:00	0	89.34	16.4	1232.9
12/8/2016	22:15:00	0	89.394	16.4	1232.9
12/8/2016	22:30:00	0	89.394	16.4	1231.8
12/8/2016	22:45:00	0	89.378	16.4	1234.1
12/8/2016	23:00:00	0	89.352	16.4	1230.6
12/8/2016	23:15:00	0	89.374	16.4	1232.9
12/8/2016	23:30:00	0	89.372	16.4	1231.8
12/8/2016	23:45:00	0	89.39	16.4	1234.1
12/9/2016	0:00:00	0	89.389	16.4	1232.9
12/9/2016	0:15:00	0	89.43	16.4	1232.9
12/9/2016	0:30:00	0	89.371	16.4	1234.1
12/9/2016	0:45:00	0	89.394	16.4	1232.9
12/9/2016	1:00:00	0	89.392	16.4	1232.9
12/9/2016	1:15:00	0	89.39	16.4	1232.9
12/9/2016	1:30:00	0	89.41	16.4	1232.9
12/9/2016	1:45:00	0	89.391	16.4	1231.8
12/9/2016	2:00:00	0	89.412	16.4	1232.9
12/9/2016	2:15:00	0	89.391	16.4	1230.6
12/9/2016	2:30:00	0	89.396	16.4	1234.1
12/9/2016	2:45:00	0	89.4	16.4	1231.8
12/9/2016	3:00:00	0	89.403	16.4	1232.9
12/9/2016	3:15:00	0	89.423	16.4	1232.9
12/9/2016	3:30:00	0	89.42	16.4	1232.9
12/9/2016	3:45:00	0	89.439	16.4	1232.9
12/9/2016	4:00:00	0	89.419	16.4	1231.8
12/9/2016	4:15:00	0	89.424	16.4	1232.9
12/9/2016	4:30:00	0	89.441	16.4	1230.6
12/9/2016	4:45:00	0	89.38	16.4	1231.8
12/9/2016	5:00:00	0	89.434	16.4	1230.6
12/9/2016	5:15:00	0	89.433	16.4	1231.8
12/9/2016	5:30:00	0	89.452	16.4	1231.8
12/9/2016	5:45:00	0	89.445	16.4	1232.9
12/9/2016	6:00:00	0	89.458	16.4	1232.9
12/9/2016	6:15:00	0	89.434	16.4	1231.8
12/9/2016	6:30:00	0	89.43	16.4	1232.9
12/9/2016	6:45:00	0	89.432	16.4	1234.1
12/9/2016	7:00:00	0	89.414	16.4	1234.1

12/9/2016	7:15:00	0	89.44	16.4	1232.9
12/9/2016	7:30:00	0	89.435	16.4	1231.8
12/9/2016	7:45:00	0	89.428	16.4	1232.9
12/9/2016	8:00:00	0	89.422	16.4	1232.9
12/9/2016	8:15:00	0	89.457	16.4	1231.8
12/9/2016	8:30:00	0	89.452	16.4	1232.9
12/9/2016	8:45:00	0	89.39	16.4	1231.8
12/9/2016	9:00:00	0	89.386	16.4	1230.6
12/9/2016	9:15:00	0	89.458	16.4	1234.1
12/9/2016	9:30:00	0	89.453	16.4	1232.9
12/9/2016	9:45:00	0	89.445	16.4	1232.9
12/9/2016	10:00:00	0	89.437	16.4	1230.6
12/9/2016	10:15:00	0	89.398	16.4	1231.8
12/9/2016	10:30:00	0	89.44	16.4	1231.8
12/9/2016	10:45:00	0	89.42	16.4	1231.8
12/9/2016	11:00:00	0	89.383	16.4	1230.6
12/9/2016	11:15:00	0	89.449	16.4	1229.4
12/9/2016	11:30:00	0	89.398	16.4	1228.3
12/9/2016	11:45:00	0	89.451	16.4	1230.6
12/9/2016	12:00:00	0	89.428	16.4	1232.9
12/9/2016	12:15:00	0	89.438	16.4	1231.8
12/9/2016	12:30:00	0	89.464	16.4	1232.9
12/9/2016	12:45:00	0	89.457	16.4	1232.9
12/9/2016	13:00:00	0	89.421	16.4	1230.6
12/9/2016	13:15:00	0	89.444	16.4	1230.6
12/9/2016	13:30:00	0	89.467	16.4	1230.6
12/9/2016	13:45:00	0	89.472	16.4	1232.9
12/9/2016	14:00:00	0	89.472	16.4	1229.4
12/9/2016	14:15:00	0	89.455	16.4	1231.8
12/9/2016	14:30:00	0	89.463	16.4	1232.9
12/9/2016	14:45:00	0	89.48	16.4	1231.8
12/9/2016	15:00:00	0	89.455	16.4	1230.6
12/9/2016	15:15:00	0	89.491	16.4	1231.8
12/9/2016	15:30:00	0	89.444	16.4	1231.8
12/9/2016	15:45:00	0	89.456	16.4	1232.9
12/9/2016	16:00:00	0	89.462	16.4	1231.8
12/9/2016	16:15:00	0	89.484	16.4	1230.6
12/9/2016	16:30:00	0	89.471	16.4	1230.6
12/9/2016	16:45:00	0	89.49	16.4	1230.6
12/9/2016	17:00:00	0	89.473	16.4	1230.6
12/9/2016	17:15:00	0	89.499	16.4	1229.4
12/9/2016	17:30:00	0	89.496	16.4	1229.4
12/9/2016	17:45:00	0	89.515	16.4	1230.6
12/9/2016	18:00:00	0	89.509	16.4	1230.6
12/9/2016	18:15:00	0	89.476	16.4	1231.8
12/9/2016	18:30:00	0	89.475	16.4	1229.4
12/9/2016	18:45:00	0	89.492	16.4	1231.8

12/9/2016	19:00:00	0	89.476	16.4	1230.6
12/9/2016	19:15:00	0	89.456	16.4	1231.8
12/9/2016	19:30:00	0	89.493	16.4	1231.8
12/9/2016	19:45:00	0	89.513	16.4	1231.8
12/9/2016	20:00:00	0	89.52	16.4	1230.6
12/9/2016	20:15:00	0	89.519	16.4	1230.6
12/9/2016	20:30:00	0	89.522	16.4	1231.8
12/9/2016	20:45:00	0	89.556	16.4	1231.8
12/9/2016	21:00:00	0	89.532	16.4	1230.6
12/9/2016	21:15:00	0	89.473	16.4	1230.6
12/9/2016	21:30:00	0	89.526	16.4	1229.4
12/9/2016	21:45:00	0	89.512	16.4	1232.9
12/9/2016	22:00:00	0	89.512	16.4	1230.6
12/9/2016	22:15:00	0	89.498	16.4	1230.6
12/9/2016	22:30:00	0	89.493	16.4	1231.8
12/9/2016	22:45:00	0	89.495	16.4	1227.1
12/9/2016	23:00:00	0	89.513	16.4	1231.8
12/9/2016	23:15:00	0	89.536	16.4	1231.8
12/9/2016	23:30:00	0	89.542	16.4	1231.8
12/9/2016	23:45:00	0	89.544	16.4	1231.8
12/10/2016	0:00:00	0	89.543	16.4	1230.6
12/10/2016	0:15:00	0	89.524	16.4	1231.8
12/10/2016	0:30:00	0	89.529	16.4	1230.6
12/10/2016	0:45:00	0	89.532	16.4	1230.6
12/10/2016	1:00:00	0	89.509	16.4	1230.6
12/10/2016	1:15:00	0	89.547	16.4	1229.4
12/10/2016	1:30:00	0	89.541	16.4	1232.9
12/10/2016	1:45:00	0	89.526	16.4	1231.8
12/10/2016	2:00:00	0	89.548	16.4	1231.8
12/10/2016	2:15:00	0	89.549	16.4	1230.6
12/10/2016	2:30:00	0	89.553	16.4	1228.3
12/10/2016	2:45:00	0	89.553	16.4	1230.6
12/10/2016	3:00:00	0	89.553	16.4	1231.8
12/10/2016	3:15:00	0	89.577	16.4	1228.3
12/10/2016	3:30:00	0	89.535	16.4	1230.6
12/10/2016	3:45:00	0	89.552	16.4	1230.6
12/10/2016	4:00:00	0	89.597	16.4	1231.8
12/10/2016	4:15:00	0	89.6	16.4	1230.6
12/10/2016	4:30:00	0	89.562	16.4	1230.6
12/10/2016	4:45:00	0	89.598	16.4	1231.8
12/10/2016	5:00:00	0	89.617	16.4	1230.6
12/10/2016	5:15:00	0	89.575	16.4	1229.4
12/10/2016	5:30:00	0	89.597	16.4	1232.9
12/10/2016	5:45:00	0	89.583	16.4	1230.6
12/10/2016	6:00:00	0	89.576	16.4	1230.6
12/10/2016	6:15:00	0	89.578	16.4	1230.6
12/10/2016	6:30:00	0	89.619	16.4	1230.6

12/10/2016	6:45:00	0	89.583	16.4	1230.6
12/10/2016	7:00:00	0	89.618	16.4	1230.6
12/10/2016	7:15:00	0	89.603	16.4	1230.6
12/10/2016	7:30:00	0	89.603	16.4	1228.3
12/10/2016	7:45:00	0	89.56	16.4	1230.6
12/10/2016	8:00:00	0	89.617	16.4	1230.6
12/10/2016	8:15:00	0	89.626	16.4	1229.4
12/10/2016	8:30:00	0	89.587	16.4	1230.6
12/10/2016	8:45:00	0	89.594	16.4	1231.8
12/10/2016	9:00:00	0	89.614	16.4	1230.6
12/10/2016	9:15:00	0	89.628	16.4	1231.8
12/10/2016	9:30:00	0	89.605	16.4	1231.8
12/10/2016	9:45:00	0	89.582	16.4	1230.6
12/10/2016	10:00:00	0	89.624	16.4	1231.8
12/10/2016	10:15:00	0	89.572	16.4	1231.8
12/10/2016	10:30:00	0	89.577	16.4	1230.6
12/10/2016	10:45:00	0	89.602	16.4	1231.8
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12/10/2016	11:15:00	0	89.624	16.4	1230.6
12/10/2016	11:30:00	0	89.631	16.4	1231.8
12/10/2016	11:45:00	0	89.645	16.4	1231.8
12/10/2016	12:00:00	0	89.617	16.4	1231.8
12/10/2016	12:15:00	0	89.641	16.4	1230.6
12/10/2016	12:30:00	0	89.667	16.4	1229.4
12/10/2016	12:45:00	0	89.658	16.4	1231.8
12/10/2016	13:00:00	0	89.628	16.4	1230.6
12/10/2016	13:15:00	0	89.645	16.4	1231.8
12/10/2016	13:30:00	0	89.634	16.4	1231.8
12/10/2016	13:45:00	0	89.661	16.4	1232.9
12/10/2016	14:00:00	0	89.651	16.4	1230.6
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12/10/2016	15:00:00	0	89.672	16.4	1230.6
12/10/2016	15:15:00	0	89.654	16.4	1229.4
12/10/2016	15:30:00	0	89.656	16.4	1230.6
12/10/2016	15:45:00	0	89.634	16.4	1230.6
12/10/2016	16:00:00	0	89.673	16.4	1231.8
12/10/2016	16:15:00	0	89.679	16.4	1231.8
12/10/2016	16:30:00	0	89.676	16.4	1231.8
12/10/2016	16:45:00	0	89.655	16.4	1230.6
12/10/2016	17:00:00	0	89.673	16.4	1229.4
12/10/2016	17:15:00	0	89.639	16.4	1230.6
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12/10/2016	17:45:00	0	89.658	16.4	1231.8
12/10/2016	18:00:00	0	89.67	16.4	1230.6
12/10/2016	18:15:00	0	89.667	16.4	1230.6

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12/10/2016	19:00:00	0	89.659	16.4	1231.8
12/10/2016	19:15:00	0	89.62	16.4	1231.8
12/10/2016	19:30:00	0	89.634	16.4	1228.3
12/10/2016	19:45:00	0	89.635	16.4	1231.8
12/10/2016	20:00:00	0	89.667	16.4	1228.3
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12/10/2016	20:30:00	0	89.644	16.4	1230.6
12/10/2016	20:45:00	0	89.667	16.4	1228.3
12/10/2016	21:00:00	0	89.691	16.4	1230.6
12/10/2016	21:15:00	0	89.638	16.4	1230.6
12/10/2016	21:30:00	0	89.68	16.4	1231.8
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12/10/2016	22:00:00	0	89.654	16.4	1232.9
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12/10/2016	22:30:00	0	89.682	16.4	1230.6
12/10/2016	22:45:00	0	89.653	16.4	1230.6
12/10/2016	23:00:00	0	89.652	16.4	1230.6
12/10/2016	23:15:00	0	89.651	16.4	1231.8
12/10/2016	23:30:00	0	89.664	16.4	1230.6
12/10/2016	23:45:00	0	89.654	16.4	1230.6
12/11/2016	0:00:00	0	89.7	16.4	1232.9
12/11/2016	0:15:00	0	89.648	16.4	1231.8
12/11/2016	0:30:00	0	89.667	16.4	1231.8
12/11/2016	0:45:00	0	89.658	16.4	1230.6
12/11/2016	1:00:00	0	89.674	16.4	1234.1
12/11/2016	1:15:00	0	89.673	16.4	1232.9
12/11/2016	1:30:00	0	89.675	16.4	1231.8
12/11/2016	1:45:00	0	89.655	16.4	1231.8
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12/11/2016	2:15:00	0	89.672	16.4	1231.8
12/11/2016	2:30:00	0	89.647	16.4	1231.8
12/11/2016	2:45:00	0	89.687	16.4	1231.8
12/11/2016	3:00:00	0	89.685	16.4	1230.6
12/11/2016	3:15:00	0	89.674	16.4	1234.1
12/11/2016	3:30:00	0	89.668	16.4	1231.8
12/11/2016	3:45:00	0	89.691	16.4	1230.6
12/11/2016	4:00:00	0	89.713	16.4	1232.9
12/11/2016	4:15:00	0	89.715	16.4	1228.3
12/11/2016	4:30:00	0	89.698	16.4	1230.6
12/11/2016	4:45:00	0	89.675	16.4	1231.8
12/11/2016	5:00:00	0	89.715	16.4	1234.1
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12/11/2016	5:30:00	0	89.664	16.4	1230.6
12/11/2016	5:45:00	0	89.705	16.4	1232.9
12/11/2016	6:00:00	0	89.701	16.4	1230.6

12/11/2016	6:15:00	0	89.684	16.4	1231.8
12/11/2016	6:30:00	0	89.718	16.4	1228.3
12/11/2016	6:45:00	0	89.719	16.4	1235.3
12/11/2016	7:00:00	0	89.695	16.4	1230.6
12/11/2016	7:15:00	0	89.714	16.4	1232.9
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12/11/2016	7:45:00	0	89.735	16.4	1231.8
12/11/2016	8:00:00	0	89.756	16.4	1231.8
12/11/2016	8:15:00	0	89.701	16.4	1230.6
12/11/2016	8:30:00	0	89.75	16.4	1231.8
12/11/2016	8:45:00	0	89.717	16.4	1230.6
12/11/2016	9:00:00	0	89.71	16.4	1231.8
12/11/2016	9:15:00	0	89.684	16.4	1230.6
12/11/2016	9:30:00	0	89.72	16.4	1231.8
12/11/2016	9:45:00	0	89.735	16.4	1231.8
12/11/2016	10:00:00	0	89.736	16.4	1231.8
12/11/2016	10:15:00	0	89.738	16.4	1230.6
12/11/2016	10:30:00	0	89.685	16.4	1231.8
12/11/2016	10:45:00	0	89.702	16.4	1230.6
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12/11/2016	11:15:00	0	89.685	16.4	1230.6
12/11/2016	11:30:00	0	89.7	16.4	1231.8
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12/11/2016	13:45:00	0	89.772	16.4	1231.8
12/11/2016	14:00:00	0	89.722	16.4	1230.6
12/11/2016	14:15:00	0	89.706	16.4	1231.8
12/11/2016	14:30:00	0	89.726	16.4	1230.6
12/11/2016	14:45:00	0	89.744	16.4	1231.8
12/11/2016	15:00:00	0	89.707	16.4	1230.6
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12/11/2016	15:30:00	0	89.727	16.4	1232.9
12/11/2016	15:45:00	0	89.724	16.4	1231.8
12/11/2016	16:00:00	0	89.709	16.4	1231.8
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12/11/2016	16:30:00	0	89.692	16.4	1230.6
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12/11/2016	19:30:00	0	89.712	16.4	1232.9
12/11/2016	19:45:00	0	89.736	16.4	1232.9
12/11/2016	20:00:00	0	89.732	16.4	1230.6
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12/11/2016	20:30:00	0	89.729	16.4	1230.6
12/11/2016	20:45:00	0	89.738	16.4	1230.6
12/11/2016	21:00:00	0	89.713	16.4	1230.6
12/11/2016	21:15:00	0	89.732	16.4	1231.8
12/11/2016	21:30:00	0	89.716	16.4	1234.1
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12/11/2016	23:15:00	0	89.729	16.4	1230.6
12/11/2016	23:30:00	0	89.705	16.4	1230.6
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12/12/2016	1:00:00	0	89.714	16.4	1231.8
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12/12/2016	2:30:00	0	89.78	16.4	1231.8
12/12/2016	2:45:00	0	89.775	16.4	1230.6
12/12/2016	3:00:00	0	89.778	16.4	1231.8
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12/12/2016	5:00:00	0	89.773	16.4	1230.6
12/12/2016	5:15:00	0	89.794	16.4	1230.6
12/12/2016	5:30:00	0	89.771	16.4	1230.6

12/12/2016	5:45:00	0	89.806	16.4	1232.9
12/12/2016	6:00:00	0	89.818	16.4	1232.9
12/12/2016	6:15:00	0	89.793	16.4	1232.9
12/12/2016	6:30:00	0	89.807	16.4	1230.6
12/12/2016	6:45:00	0	89.797	16.4	1231.8
12/12/2016	7:00:00	0	89.811	16.4	1231.8
12/12/2016	7:15:00	0	89.811	16.4	1230.6
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12/12/2016	7:45:00	0	89.825	16.4	1230.6
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12/12/2016	8:15:00	0	89.797	16.4	1232.9
12/12/2016	8:30:00	0	89.795	16.4	1232.9
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12/12/2016	9:00:00	0	89.821	16.4	1230.6
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12/12/2016	10:15:00	0	89.829	16.4	1231.8
12/12/2016	10:30:00	0	89.798	16.4	1230.6
12/12/2016	10:45:00	0	89.819	16.4	1232.9
12/12/2016	11:00:00	0	89.818	16.4	1229.4
12/12/2016	11:15:00	0	89.805	16.4	1230.6
12/12/2016	11:30:00	0	89.794	16.4	1231.8
12/12/2016	11:45:00	0	89.819	16.4	1232.9
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12/12/2016	12:15:00	0	89.835	16.4	1230.6
12/12/2016	12:30:00	0	89.822	16.4	1232.9
12/12/2016	12:45:00	0	89.832	16.4	1231.8
12/12/2016	13:00:00	0	89.818	16.4	1231.8
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12/12/2016	14:45:00	0	89.846	16.4	1231.8
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12/12/2016	15:30:00	0	89.85	16.4	1230.6
12/12/2016	15:45:00	0	89.809	16.4	1231.8
12/12/2016	16:00:00	0	89.792	16.4	1232.9
12/12/2016	16:15:00	0	89.838	16.4	1230.6
12/12/2016	16:30:00	0	89.839	16.4	1230.6
12/12/2016	16:45:00	0	89.831	16.4	1231.8
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12/12/2016	17:15:00	0	89.821	16.4	1231.8

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12/12/2016	17:45:00	0	89.821	16.4	1230.6
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12/12/2016	18:45:00	0	89.802	16.4	1231.8
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12/12/2016	19:15:00	0	89.82	16.4	1230.6
12/12/2016	19:30:00	0	89.815	16.4	1232.9
12/12/2016	19:45:00	0	89.837	16.4	1232.9
12/12/2016	20:00:00	0	89.831	16.4	1231.8
12/12/2016	20:15:00	0	89.8	16.4	1231.8
12/12/2016	20:30:00	0	89.804	16.4	1230.6
12/12/2016	20:45:00	0	89.782	16.4	1230.6
12/12/2016	21:00:00	0	89.812	16.4	1230.6
12/12/2016	21:15:00	0	89.817	16.4	1231.8
12/12/2016	21:30:00	0	89.771	16.4	1229.4
12/12/2016	21:45:00	0	89.811	16.4	1231.8
12/12/2016	22:00:00	0	89.813	16.4	1232.9
12/12/2016	22:15:00	0	89.809	16.4	1232.9
12/12/2016	22:30:00	0	89.793	16.4	1231.8
12/12/2016	22:45:00	0	89.836	16.4	1232.9
12/12/2016	23:00:00	0	89.804	16.4	1232.9
12/12/2016	23:15:00	0	89.775	16.4	1232.9
12/12/2016	23:30:00	0	89.818	16.4	1232.9
12/12/2016	23:45:00	0	89.829	16.4	1231.8
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12/13/2016	0:15:00	0	89.828	16.4	1231.8
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12/13/2016	0:45:00	0	89.835	16.4	1234.1
12/13/2016	1:00:00	0	89.821	16.4	1232.9
12/13/2016	1:15:00	0	89.846	16.4	1231.8
12/13/2016	1:30:00	0	89.787	16.4	1230.6
12/13/2016	1:45:00	0	89.809	16.4	1230.6
12/13/2016	2:00:00	0	89.795	16.4	1230.6
12/13/2016	2:15:00	0	89.816	16.4	1231.8
12/13/2016	2:30:00	0	89.798	16.4	1230.6
12/13/2016	2:45:00	0	89.812	16.4	1231.8
12/13/2016	3:00:00	0	89.832	16.4	1231.8
12/13/2016	3:15:00	0	89.819	16.4	1232.9
12/13/2016	3:30:00	0	89.82	16.4	1231.8
12/13/2016	3:45:00	0	89.846	16.4	1229.4
12/13/2016	4:00:00	0	89.83	16.4	1232.9
12/13/2016	4:15:00	0	89.874	16.4	1230.6
12/13/2016	4:30:00	0	89.841	16.4	1232.9
12/13/2016	4:45:00	0	89.864	16.4	1235.3
12/13/2016	5:00:00	0	89.859	16.4	1232.9

12/13/2016	5:15:00	0	89.861	16.4	1232.9
12/13/2016	5:30:00	0	89.917	16.4	1230.6
12/13/2016	5:45:00	0	89.882	16.4	1231.8
12/13/2016	6:00:00	0	89.863	16.4	1231.8
12/13/2016	6:15:00	0	89.874	16.4	1232.9
12/13/2016	6:30:00	0	89.866	16.4	1230.6
12/13/2016	6:45:00	0	89.88	16.4	1230.6
12/13/2016	7:00:00	0	89.873	16.4	1230.6
12/13/2016	7:15:00	0	89.873	16.4	1230.6
12/13/2016	7:30:00	0	89.88	16.4	1230.6
12/13/2016	7:45:00	0	89.871	16.4	1231.8
12/13/2016	8:00:00	0	89.873	16.4	1230.6
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12/13/2016	8:30:00	0	89.86	16.4	1232.9
12/13/2016	8:45:00	0	89.908	16.4	1231.8
12/13/2016	9:00:00	0	89.894	16.4	1232.9
12/13/2016	9:15:00	0	89.855	16.4	1232.9
12/13/2016	9:30:00	0	89.873	16.4	1234.1
12/13/2016	9:45:00	0	89.854	16.4	1231.8
12/13/2016	10:00:00	0	89.888	16.4	1231.8
12/13/2016	10:15:00	0	89.84	16.4	1230.6
12/13/2016	10:30:00	0	89.884	16.4	1232.9
12/13/2016	10:45:00	0	89.91	16.4	1232.9
12/13/2016	11:00:00	0	89.895	16.4	1232.9
12/13/2016	11:15:00	0	89.936	16.4	1230.6
12/13/2016	11:30:00	0	89.888	16.4	1232.9
12/13/2016	11:45:00	0	89.854	16.4	1232.9
12/13/2016	12:00:00	0	89.884	16.4	1229.4
12/13/2016	12:15:00	0	89.89	16.4	1231.8
12/13/2016	12:30:00	0	89.883	16.4	1231.8
12/13/2016	12:45:00	0	89.886	16.4	1231.8
12/13/2016	13:00:00	0	89.915	16.4	1232.9
12/13/2016	13:15:00	0	89.874	16.4	1232.9
12/13/2016	13:30:00	0	89.924	16.4	1232.9
12/13/2016	13:45:00	0	89.884	16.4	1231.8
12/13/2016	14:00:00	0	89.893	16.4	1232.9
12/13/2016	14:15:00	0	89.885	16.4	1231.8
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12/13/2016	14:45:00	0	89.909	16.4	1232.9
12/13/2016	15:00:00	0	89.871	16.4	1231.8
12/13/2016	15:15:00	0	89.88	16.4	1232.9
12/13/2016	15:30:00	0	89.881	16.4	1229.4
12/13/2016	15:45:00	0	89.862	16.4	1230.6
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12/13/2016	16:15:00	0	89.891	16.4	1232.9
12/13/2016	16:30:00	0	89.866	16.4	1230.6
12/13/2016	16:45:00	0	89.867	16.4	1232.9

12/13/2016	17:00:00	0	89.886	16.4	1231.8
12/13/2016	17:15:00	0	89.867	16.4	1231.8
12/13/2016	17:30:00	0	89.87	16.4	1234.1
12/13/2016	17:45:00	0	89.846	16.4	1231.8
12/13/2016	18:00:00	0	89.839	16.4	1229.4
12/13/2016	18:15:00	0	89.879	16.4	1230.6
12/13/2016	18:30:00	0	89.857	16.4	1231.8
12/13/2016	18:45:00	0	89.854	16.4	1231.8
12/13/2016	19:00:00	0	89.876	16.4	1231.8
12/13/2016	19:15:00	0	89.909	16.4	1230.6
12/13/2016	19:30:00	0	89.858	16.4	1231.8
12/13/2016	19:45:00	0	89.897	16.4	1230.6
12/13/2016	20:00:00	0	89.895	16.4	1230.6
12/13/2016	20:15:00	0	89.873	16.4	1230.6
12/13/2016	20:30:00	0	89.87	16.4	1230.6
12/13/2016	20:45:00	0	89.864	16.4	1230.6
12/13/2016	21:00:00	0	89.881	16.4	1231.8
12/13/2016	21:15:00	0	89.864	16.4	1231.8
12/13/2016	21:30:00	0	89.845	16.4	1232.9
12/13/2016	21:45:00	0	89.84	16.4	1231.8
12/13/2016	22:00:00	0	89.873	16.4	1230.6
12/13/2016	22:15:00	0	89.866	16.4	1232.9
12/13/2016	22:30:00	0	89.868	16.4	1232.9
12/13/2016	22:45:00	0	89.853	16.4	1231.8
12/13/2016	23:00:00	0	89.856	16.4	1231.8
12/13/2016	23:15:00	0	89.834	16.4	1232.9
12/13/2016	23:30:00	0	89.852	16.4	1231.8
12/13/2016	23:45:00	0	89.818	16.4	1230.6
12/14/2016	0:00:00	0	89.842	16.4	1234.1
12/14/2016	0:15:00	0	89.865	16.4	1232.9
12/14/2016	0:30:00	0	89.873	16.4	1231.8
12/14/2016	0:45:00	0	89.855	16.4	1231.8
12/14/2016	1:00:00	0	89.852	16.4	1230.6
12/14/2016	1:15:00	0	89.857	16.4	1231.8
12/14/2016	1:30:00	0	89.917	16.4	1231.8
12/14/2016	1:45:00	0	89.897	16.4	1232.9
12/14/2016	2:00:00	0	89.878	16.4	1232.9
12/14/2016	2:15:00	0	89.894	16.4	1230.6
12/14/2016	2:30:00	0	89.875	16.4	1232.9
12/14/2016	2:45:00	0	89.852	16.4	1232.9
12/14/2016	3:00:00	0	89.873	16.4	1232.9
12/14/2016	3:15:00	0	89.833	16.4	1232.9
12/14/2016	3:30:00	0	89.91	16.4	1232.9
12/14/2016	3:45:00	0	89.857	16.4	1234.1
12/14/2016	4:00:00	0	89.906	16.4	1232.9
12/14/2016	4:15:00	0	89.852	16.4	1232.9
12/14/2016	4:30:00	0	89.856	16.4	1230.6

12/14/2016	4:45:00	0	89.904	16.4	1232.9
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12/14/2016	5:15:00	0	89.925	16.4	1231.8
12/14/2016	5:30:00	0	89.89	16.4	1230.6
12/14/2016	5:45:00	0	89.91	16.4	1230.6
12/14/2016	6:00:00	0	89.911	16.4	1234.1
12/14/2016	6:15:00	0	89.886	16.4	1230.6
12/14/2016	6:30:00	0	89.908	16.4	1231.8
12/14/2016	6:45:00	0	89.903	16.4	1234.1
12/14/2016	7:00:00	0	89.901	16.4	1230.6
12/14/2016	7:15:00	0	89.939	16.4	1232.9
12/14/2016	7:30:00	0	89.922	16.4	1232.9
12/14/2016	7:45:00	0	89.895	16.4	1231.8
12/14/2016	8:00:00	0	89.891	16.4	1231.8
12/14/2016	8:15:00	0	89.944	16.4	1232.9
12/14/2016	8:30:00	0	89.935	16.4	1232.9
12/14/2016	8:45:00	0	89.882	16.4	1230.6
12/14/2016	9:00:00	0	89.935	16.4	1231.8
12/14/2016	9:15:00	0	89.886	16.4	1232.9
12/14/2016	9:30:00	0	89.882	16.4	1235.3
12/14/2016	9:45:00	0	89.915	16.4	1230.6
12/14/2016	10:00:00	0	89.916	16.4	1232.9
12/14/2016	10:15:00	0	89.959	16.4	1231.8
12/14/2016	10:30:00	0	89.931	16.4	1231.8
12/14/2016	10:45:00	0	89.913	16.4	1231.8
12/14/2016	11:00:00	0	89.91	16.4	1231.8
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12/14/2016	11:30:00	0	89.925	16.4	1234.1
12/14/2016	11:45:00	0	89.912	16.4	1231.8
12/14/2016	12:00:00	0	89.94	16.4	1231.8
12/14/2016	12:15:00	0	89.943	16.4	1230.6
12/14/2016	12:30:00	0	89.91	16.4	1232.9
12/14/2016	12:45:00	0	89.944	16.4	1235.3
12/14/2016	13:00:00	0	89.922	16.4	1232.9
12/14/2016	13:15:00	0	89.924	16.4	1231.8
12/14/2016	13:30:00	0	89.989	16.4	1231.8
12/14/2016	13:45:00	0	89.958	16.4	1229.4
12/14/2016	14:00:00	0	89.947	16.4	1231.8
12/14/2016	14:15:00	0	89.981	16.4	1231.8
12/14/2016	14:30:00	0	89.88	16.4	1231.8
12/14/2016	14:45:00	0	89.908	16.4	1231.8
12/14/2016	15:00:00	0	89.948	16.4	1232.9
12/14/2016	15:15:00	0	89.928	16.4	1230.6
12/14/2016	15:30:00	0	89.915	16.4	1231.8
12/14/2016	15:45:00	0	89.919	16.4	1230.6
12/14/2016	16:00:00	0	89.899	16.4	1232.9
12/14/2016	16:15:00	0	89.914	16.4	1230.6

12/14/2016	16:30:00	0	89.91	16.4	1231.8
12/14/2016	16:45:00	0	89.913	16.4	1232.9
12/14/2016	17:00:00	0	89.89	16.4	1230.6
12/14/2016	17:15:00	0	89.952	16.4	1234.1
12/14/2016	17:30:00	0	89.913	16.4	1231.8
12/14/2016	17:45:00	0	89.895	16.4	1234.1
12/14/2016	18:00:00	0	89.923	16.4	1230.6
12/14/2016	18:15:00	0	89.892	16.4	1231.8
12/14/2016	18:30:00	0	89.914	16.4	1228.3
12/14/2016	18:45:00	0	89.895	16.4	1230.6
12/14/2016	19:00:00	0	89.895	16.4	1232.9
12/14/2016	19:15:00	0	89.911	16.4	1231.8
12/14/2016	19:30:00	0	89.901	16.4	1232.9
12/14/2016	19:45:00	0	89.91	16.4	1232.9
12/14/2016	20:00:00	0	89.889	16.4	1231.8
12/14/2016	20:15:00	0	89.888	16.4	1230.6
12/14/2016	20:30:00	0	89.902	16.4	1232.9
12/14/2016	20:45:00	0	89.915	16.4	1234.1
12/14/2016	21:00:00	0	89.907	16.4	1231.8
12/14/2016	21:15:00	0	89.864	16.4	1232.9
12/14/2016	21:30:00	0	89.884	16.4	1230.6
12/14/2016	21:45:00	0	89.903	16.4	1234.1
12/14/2016	22:00:00	0	89.88	16.4	1232.9
12/14/2016	22:15:00	0	89.899	16.4	1231.8
12/14/2016	22:30:00	0	89.908	16.4	1230.6
12/14/2016	22:45:00	0	89.911	16.4	1231.8
12/14/2016	23:00:00	0	89.877	16.4	1230.6
12/14/2016	23:15:00	0	89.919	16.4	1231.8
12/14/2016	23:30:00	0	89.876	16.4	1231.8
12/14/2016	23:45:00	0	89.911	16.4	1230.6

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	CONDUCTIVITY
12/8/2016	0:00:00	0	27.562	16.1	2066.2
12/8/2016	0:15:00	0	27.546	16.1	2063.9
12/8/2016	0:30:00	0	27.593	16.1	2066.2
12/8/2016	0:45:00	0	27.557	16.1	2063.9
12/8/2016	1:00:00	0	27.557	16.1	2063.9
12/8/2016	1:15:00	0	27.615	16.1	2063.9
12/8/2016	1:30:00	0	27.543	16.1	2063.9
12/8/2016	1:45:00	0	27.581	16.1	2063.9
12/8/2016	2:00:00	0	27.543	16.1	2063.9
12/8/2016	2:15:00	0	27.579	16.1	2063.9
12/8/2016	2:30:00	0	27.584	16.1	2063.9
12/8/2016	2:45:00	0	27.545	16.1	2063.9
12/8/2016	3:00:00	0	27.57	16.1	2062.7
12/8/2016	3:15:00	0	27.561	16.1	2063.9
12/8/2016	3:30:00	0	27.558	16.1	2063.9
12/8/2016	3:45:00	0	27.532	16.1	2063.9
12/8/2016	4:00:00	0	27.573	16.1	2063.9
12/8/2016	4:15:00	0	27.562	16.1	2063.9
12/8/2016	4:30:00	0	27.597	16.1	2063.9
12/8/2016	4:45:00	0	27.546	16.1	2063.9
12/8/2016	5:00:00	0	27.559	16.2	2060.4
12/8/2016	5:15:00	0	27.575	16.2	2060.4
12/8/2016	5:30:00	0	27.571	16.1	2063.9
12/8/2016	5:45:00	0	27.564	16.1	2063.9
12/8/2016	6:00:00	0	27.548	16.1	2063.9
12/8/2016	6:15:00	0	27.54	16.2	2062.7
12/8/2016	6:30:00	0	27.511	16.1	2063.9
12/8/2016	6:45:00	0	27.529	16.1	2062.7
12/8/2016	7:00:00	0	27.55	16.2	2060.4
12/8/2016	7:15:00	0	27.539	16.1	2063.9
12/8/2016	7:30:00	0	27.54	16.1	2063.9

12/8/2016	7:45:00	0	27.517	16.1	2063.9
12/8/2016	8:00:00	0	27.516	16.1	2063.9
12/8/2016	8:15:00	0	27.524	16.1	2063.9
12/8/2016	8:30:00	0	27.534	16.1	2063.9
12/8/2016	8:45:00	0	27.549	16.1	2063.9
12/8/2016	9:00:00	0	27.502	16.1	2063.9
12/8/2016	9:15:00	0	27.513	16.1	2063.9
12/8/2016	9:30:00	0	27.484	16.1	2066.2
12/8/2016	9:45:00	0	27.5	16.1	2063.9
12/8/2016	10:00:00	0	27.514	16.1	2063.9
12/8/2016	10:15:00	0	27.547	16.1	2066.2
12/8/2016	10:30:00	0	27.469	16.1	2066.2
12/8/2016	10:45:00	0	27.517	16.1	2063.9
12/8/2016	11:00:00	0	27.52	16.1	2063.9
12/8/2016	11:15:00	0	27.545	16.1	2063.9
12/8/2016	11:30:00	0	27.533	16.1	2063.9
12/8/2016	11:45:00	0	27.556	16.1	2063.9
12/8/2016	12:00:00	0	27.556	16.1	2063.9
12/8/2016	12:15:00	0	27.574	16.1	2063.9
12/8/2016	12:30:00	0	27.536	16.1	2063.9
12/8/2016	12:45:00	0	27.553	16.1	2063.9
12/8/2016	13:00:00	0	27.517	16.1	2063.9
12/8/2016	13:15:00	0	27.542	16.1	2063.9
12/8/2016	13:30:00	0	27.519	16.1	2063.9
12/8/2016	13:45:00	0	27.595	16.1	2066.2
12/8/2016	14:00:00	0	27.494	16.1	2066.2
12/8/2016	14:15:00	0	27.548	16.1	2063.9
12/8/2016	14:30:00	0	27.539	16.1	2066.2
12/8/2016	14:45:00	0	27.521	16.1	2063.9
12/8/2016	15:00:00	0	27.526	16.1	2066.2
12/8/2016	15:15:00	0	27.542	16.1	2063.9
12/8/2016	15:30:00	0	27.545	16.1	2063.9
12/8/2016	15:45:00	0	27.543	16.1	2063.9
12/8/2016	16:00:00	0	27.536	16.1	2063.9
12/8/2016	16:15:00	0	27.552	16.1	2063.9
12/8/2016	16:30:00	0	27.516	16.1	2063.9
12/8/2016	16:45:00	0	27.471	16.1	2062.7
12/8/2016	17:00:00	0	27.552	16.1	2062.7
12/8/2016	17:15:00	0	27.517	16.1	2063.9
12/8/2016	17:30:00	0	27.538	16.1	2063.9
12/8/2016	17:45:00	0	27.515	16.1	2063.9
12/8/2016	18:00:00	0	27.507	16.1	2063.9
12/8/2016	18:15:00	0	27.543	16.1	2063.9
12/8/2016	18:30:00	0	27.523	16.1	2063.9
12/8/2016	18:45:00	0	27.478	16.2	2060.4
12/8/2016	19:00:00	0	27.513	16.1	2063.9
12/8/2016	19:15:00	0	27.519	16.2	2060.4

12/8/2016	19:30:00	0	27.49	16.2	2060.4
12/8/2016	19:45:00	0	27.485	16.1	2063.9
12/8/2016	20:00:00	0	27.482	16.1	2063.9
12/8/2016	20:15:00	0	27.513	16.1	2063.9
12/8/2016	20:30:00	0	27.526	16.1	2063.9
12/8/2016	20:45:00	0	27.503	16.1	2063.9
12/8/2016	21:00:00	0	27.52	16.1	2063.9
12/8/2016	21:15:00	0	27.542	16.1	2063.9
12/8/2016	21:30:00	0	27.522	16.1	2063.9
12/8/2016	21:45:00	0	27.514	16.1	2066.2
12/8/2016	22:00:00	0	27.51	16.1	2066.2
12/8/2016	22:15:00	0	27.524	16.1	2063.9
12/8/2016	22:30:00	0	27.505	16.1	2063.9
12/8/2016	22:45:00	0	27.527	16.1	2063.9
12/8/2016	23:00:00	0	27.502	16.1	2063.9
12/8/2016	23:15:00	0	27.523	16.1	2063.9
12/8/2016	23:30:00	0	27.502	16.1	2063.9
12/8/2016	23:45:00	0	27.501	16.1	2063.9
12/9/2016	0:00:00	0	27.539	16.1	2063.9
12/9/2016	0:15:00	0	27.54	16.1	2063.9
12/9/2016	0:30:00	0	27.501	16.1	2063.9
12/9/2016	0:45:00	0	27.524	16.1	2063.9
12/9/2016	1:00:00	0	27.483	16.1	2063.9
12/9/2016	1:15:00	0	27.54	16.1	2063.9
12/9/2016	1:30:00	0	27.52	16.1	2062.7
12/9/2016	1:45:00	0	27.541	16.1	2063.9
12/9/2016	2:00:00	0	27.542	16.1	2063.9
12/9/2016	2:15:00	0	27.58	16.1	2063.9
12/9/2016	2:30:00	0	27.526	16.1	2063.9
12/9/2016	2:45:00	0	27.53	16.1	2062.7
12/9/2016	3:00:00	0	27.553	16.1	2063.9
12/9/2016	3:15:00	0	27.533	16.1	2063.9
12/9/2016	3:30:00	0	27.511	16.1	2063.9
12/9/2016	3:45:00	0	27.529	16.1	2063.9
12/9/2016	4:00:00	0	27.51	16.1	2063.9
12/9/2016	4:15:00	0	27.515	16.1	2063.9
12/9/2016	4:30:00	0	27.492	16.1	2063.9
12/9/2016	4:45:00	0	27.51	16.1	2063.9
12/9/2016	5:00:00	0	27.505	16.1	2062.7
12/9/2016	5:15:00	0	27.563	16.1	2063.9
12/9/2016	5:30:00	0	27.504	16.1	2063.9
12/9/2016	5:45:00	0	27.536	16.1	2063.9
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12/9/2016	6:15:00	0	27.525	16.1	2063.9
12/9/2016	6:30:00	0	27.521	16.1	2063.9
12/9/2016	6:45:00	0	27.503	16.1	2063.9
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12/9/2016	7:45:00	0	27.519	16.1	2063.9
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12/9/2016	8:45:00	0	27.48	16.1	2063.9
12/9/2016	9:00:00	0	27.516	16.1	2063.9
12/9/2016	9:15:00	0	27.528	16.1	2063.9
12/9/2016	9:30:00	0	27.504	16.1	2063.9
12/9/2016	9:45:00	0	27.496	16.1	2066.2
12/9/2016	10:00:00	0	24.988	16.1	2052.1
12/9/2016	10:15:00	0	27.489	16.1	2061.5
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12/9/2016	11:00:00	0	27.474	16.2	2063.9
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12/9/2016	11:45:00	0	27.541	16.1	2073.3
12/9/2016	12:00:00	0	27.5	16.1	2074.5
12/9/2016	12:15:00	0	27.549	16.1	2074.5
12/9/2016	12:30:00	0	27.555	16.1	2075.6
12/9/2016	12:45:00	0	27.548	16.1	2075.6
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12/9/2016	14:15:00	0	27.545	16.1	2079.2
12/9/2016	14:30:00	0	27.553	16.2	2075.6
12/9/2016	14:45:00	0	27.492	16.1	2080.3
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12/9/2016	15:45:00	0	27.546	16.1	2079.2
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12/9/2016	17:00:00	0	27.563	16.1	2075.6
12/9/2016	17:15:00	0	27.531	16.1	2075.6
12/9/2016	17:30:00	0	27.567	16.1	2078
12/9/2016	17:45:00	0	27.547	16.1	2075.6
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12/9/2016	18:15:00	0	27.527	16.1	2075.6
12/9/2016	18:30:00	0	27.506	16.1	2075.6
12/9/2016	18:45:00	0	27.524	16.1	2074.5

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12/9/2016	19:15:00	0	27.527	16.1	2074.5
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12/9/2016	19:45:00	0	27.545	16.1	2073.3
12/9/2016	20:00:00	0	27.532	16.1	2074.5
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12/9/2016	22:00:00	0	27.524	16.1	2074.5
12/9/2016	22:15:00	0	27.51	16.1	2073.3
12/9/2016	22:30:00	0	27.505	16.1	2073.3
12/9/2016	22:45:00	0	27.507	16.1	2073.3
12/9/2016	23:00:00	0	27.545	16.1	2074.5
12/9/2016	23:15:00	0	27.508	16.1	2074.5
12/9/2016	23:30:00	0	27.534	16.1	2073.3
12/9/2016	23:45:00	0	27.575	16.1	2073.3
12/10/2016	0:00:00	0	27.496	16.1	2073.3
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12/10/2016	0:30:00	0	27.502	16.1	2073.3
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12/10/2016	5:00:00	0	27.53	16.1	2072.1
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12/10/2016	5:30:00	0	27.511	16.1	2072.1
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12/10/2016	6:00:00	0	27.528	16.1	2069.7
12/10/2016	6:15:00	0	27.55	16.1	2069.7
12/10/2016	6:30:00	0	27.473	16.1	2072.1

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12/10/2016	7:00:00	0	27.551	16.1	2069.7
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12/10/2016	7:45:00	0	27.552	16.1	2072.1
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12/10/2016	8:15:00	0	27.559	16.1	2072.1
12/10/2016	8:30:00	0	27.54	16.1	2072.1
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12/10/2016	9:00:00	0	27.449	16.1	2073.3
12/10/2016	9:15:00	0	27.502	16.1	2072.1
12/10/2016	9:30:00	0	27.538	16.1	2073.3
12/10/2016	9:45:00	0	27.535	16.1	2073.3
12/10/2016	10:00:00	0	27.517	16.1	2073.3
12/10/2016	10:15:00	0	27.505	16.1	2072.1
12/10/2016	10:30:00	0	27.53	16.1	2072.1
12/10/2016	10:45:00	0	27.496	16.1	2069.7
12/10/2016	11:00:00	0	27.543	16.1	2073.3
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12/10/2016	12:00:00	0	27.55	16.1	2069.7
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12/10/2016	12:45:00	0	27.572	16.1	2069.7
12/10/2016	13:00:00	0	27.6	16.1	2068.6
12/10/2016	13:15:00	0	27.597	16.1	2069.7
12/10/2016	13:30:00	0	27.567	16.1	2068.6
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12/10/2016	14:15:00	0	27.565	16.1	2069.7
12/10/2016	14:30:00	0	27.586	16.1	2068.6
12/10/2016	14:45:00	0	27.527	16.1	2072.1
12/10/2016	15:00:00	0	27.605	16.1	2069.7
12/10/2016	15:15:00	0	27.567	16.1	2072.1
12/10/2016	15:30:00	0	27.55	16.1	2072.1
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12/10/2016	17:15:00	0	27.553	16.1	2069.7
12/10/2016	17:30:00	0	27.531	16.1	2069.7
12/10/2016	17:45:00	0	27.571	16.1	2072.1
12/10/2016	18:00:00	0	27.563	16.1	2072.1
12/10/2016	18:15:00	0	27.541	16.1	2068.6

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12/10/2016	21:00:00	0	27.506	16.1	2068.6
12/10/2016	21:15:00	0	27.531	16.1	2068.6
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12/10/2016	21:45:00	0	27.557	16.1	2067.4
12/10/2016	22:00:00	0	27.528	16.1	2067.4
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12/10/2016	22:30:00	0	27.556	16.1	2069.7
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12/10/2016	23:00:00	0	27.467	16.1	2069.7
12/10/2016	23:15:00	0	27.525	16.1	2068.6
12/10/2016	23:30:00	0	27.518	16.1	2068.6
12/10/2016	23:45:00	0	27.488	16.1	2068.6
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12/11/2016	0:45:00	0	27.532	16.1	2067.4
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12/11/2016	2:15:00	0	27.546	16.1	2069.7
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12/11/2016	2:45:00	0	27.581	16.1	2069.7
12/11/2016	3:00:00	0	27.5	16.1	2068.6
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12/11/2016	3:30:00	0	27.523	16.1	2069.7
12/11/2016	3:45:00	0	27.526	16.1	2068.6
12/11/2016	4:00:00	0	27.508	16.1	2069.7
12/11/2016	4:15:00	0	27.53	16.1	2068.6
12/11/2016	4:30:00	0	27.533	16.1	2069.7
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12/11/2016	5:00:00	0	27.569	16.1	2067.4
12/11/2016	5:15:00	0	27.541	16.1	2069.7
12/11/2016	5:30:00	0	27.519	16.1	2068.6
12/11/2016	5:45:00	0	27.539	16.1	2068.6
12/11/2016	6:00:00	0	27.496	16.1	2068.6

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12/11/2016	6:30:00	0	27.514	16.1	2068.6
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12/11/2016	7:30:00	0	27.532	16.1	2069.7
12/11/2016	7:45:00	0	27.511	16.1	2067.4
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12/11/2016	9:00:00	0	27.525	16.1	2069.7
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12/11/2016	9:45:00	0	27.531	16.1	2068.6
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12/11/2016	10:15:00	0	27.514	16.1	2068.6
12/11/2016	10:30:00	0	27.5	16.1	2068.6
12/11/2016	10:45:00	0	27.517	16.1	2069.7
12/11/2016	11:00:00	0	27.544	16.1	2069.7
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12/11/2016	12:00:00	0	27.522	16.1	2067.4
12/11/2016	12:15:00	0	27.547	16.1	2068.6
12/11/2016	12:30:00	0	27.576	16.1	2067.4
12/11/2016	12:45:00	0	27.497	16.1	2068.6
12/11/2016	13:00:00	0	27.565	16.1	2068.6
12/11/2016	13:15:00	0	27.566	16.1	2068.6
12/11/2016	13:30:00	0	27.542	16.1	2067.4
12/11/2016	13:45:00	0	27.547	16.1	2068.6
12/11/2016	14:00:00	0	27.518	16.1	2068.6
12/11/2016	14:15:00	0	27.56	16.1	2069.7
12/11/2016	14:30:00	0	27.541	16.1	2068.6
12/11/2016	14:45:00	0	27.48	16.1	2067.4
12/11/2016	15:00:00	0	27.561	16.1	2067.4
12/11/2016	15:15:00	0	27.505	16.1	2068.6
12/11/2016	15:30:00	0	27.542	16.1	2067.4
12/11/2016	15:45:00	0	27.5	16.1	2068.6
12/11/2016	16:00:00	0	27.543	16.1	2068.6
12/11/2016	16:15:00	0	27.503	16.1	2068.6
12/11/2016	16:30:00	0	27.546	16.1	2072.1
12/11/2016	16:45:00	0	27.535	16.1	2068.6
12/11/2016	17:00:00	0	27.516	16.1	2068.6
12/11/2016	17:15:00	0	27.564	16.1	2067.4
12/11/2016	17:30:00	0	27.564	16.1	2068.6
12/11/2016	17:45:00	0	27.522	16.1	2066.2

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12/11/2016	18:45:00	0	27.544	16.1	2068.6
12/11/2016	19:00:00	0	27.552	16.1	2067.4
12/11/2016	19:15:00	0	27.58	16.1	2067.4
12/11/2016	19:30:00	0	27.566	16.1	2067.4
12/11/2016	19:45:00	0	27.492	16.1	2067.4
12/11/2016	20:00:00	0	27.507	16.1	2067.4
12/11/2016	20:15:00	0	27.51	16.1	2068.6
12/11/2016	20:30:00	0	27.544	16.1	2067.4
12/11/2016	20:45:00	0	27.572	16.1	2068.6
12/11/2016	21:00:00	0	27.508	16.1	2068.6
12/11/2016	21:15:00	0	27.547	16.1	2067.4
12/11/2016	21:30:00	0	27.511	16.1	2068.6
12/11/2016	21:45:00	0	27.533	16.1	2068.6
12/11/2016	22:00:00	0	27.528	16.1	2068.6
12/11/2016	22:15:00	0	27.502	16.1	2068.6
12/11/2016	22:30:00	0	27.541	16.1	2067.4
12/11/2016	22:45:00	0	27.558	16.1	2067.4
12/11/2016	23:00:00	0	27.56	16.1	2068.6
12/11/2016	23:15:00	0	27.544	16.1	2068.6
12/11/2016	23:30:00	0	27.52	16.1	2068.6
12/11/2016	23:45:00	0	27.499	16.1	2067.4
12/12/2016	0:00:00	0	27.542	16.1	2068.6
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12/12/2016	0:30:00	0	27.554	16.1	2067.4
12/12/2016	0:45:00	0	27.569	16.1	2067.4
12/12/2016	1:00:00	0	27.568	16.1	2067.4
12/12/2016	1:15:00	0	27.584	16.1	2067.4
12/12/2016	1:30:00	0	27.575	16.1	2067.4
12/12/2016	1:45:00	0	27.514	16.1	2067.4
12/12/2016	2:00:00	0	27.541	16.1	2068.6
12/12/2016	2:15:00	0	27.537	16.1	2067.4
12/12/2016	2:30:00	0	27.575	16.1	2067.4
12/12/2016	2:45:00	0	27.57	16.1	2067.4
12/12/2016	3:00:00	0	27.554	16.1	2067.4
12/12/2016	3:15:00	0	27.557	16.1	2067.4
12/12/2016	3:30:00	0	27.521	16.1	2067.4
12/12/2016	3:45:00	0	27.519	16.1	2067.4
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12/12/2016	4:15:00	0	27.582	16.1	2067.4
12/12/2016	4:30:00	0	27.561	16.1	2067.4
12/12/2016	4:45:00	0	27.536	16.1	2068.6
12/12/2016	5:00:00	0	27.588	16.1	2068.6
12/12/2016	5:15:00	0	27.55	16.1	2068.6
12/12/2016	5:30:00	0	27.547	16.1	2068.6

12/12/2016	5:45:00	0	27.542	16.1	2068.6
12/12/2016	6:00:00	0	27.555	16.1	2068.6
12/12/2016	6:15:00	0	27.529	16.1	2068.6
12/12/2016	6:30:00	0	27.504	16.1	2067.4
12/12/2016	6:45:00	0	27.533	16.1	2067.4
12/12/2016	7:00:00	0	27.548	16.1	2067.4
12/12/2016	7:15:00	0	27.548	16.1	2067.4
12/12/2016	7:30:00	0	27.508	16.1	2068.6
12/12/2016	7:45:00	0	27.522	16.1	2067.4
12/12/2016	8:00:00	0	27.526	16.1	2067.4
12/12/2016	8:15:00	0	27.553	16.1	2067.4
12/12/2016	8:30:00	0	27.492	16.1	2067.4
12/12/2016	8:45:00	0	27.522	16.1	2067.4
12/12/2016	9:00:00	0	27.518	16.1	2067.4
12/12/2016	9:15:00	0	27.495	16.1	2067.4
12/12/2016	9:30:00	0	27.485	16.1	2067.4
12/12/2016	9:45:00	0	27.463	16.1	2067.4
12/12/2016	10:00:00	0	27.504	16.1	2067.4
12/12/2016	10:15:00	0	27.487	16.1	2067.4
12/12/2016	10:30:00	0	27.534	16.1	2067.4
12/12/2016	10:45:00	0	27.496	16.1	2066.2
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12/12/2016	11:15:00	0	27.482	16.1	2066.2
12/12/2016	11:30:00	0	27.511	16.1	2067.4
12/12/2016	11:45:00	0	27.516	16.1	2067.4
12/12/2016	12:00:00	0	27.524	16.1	2067.4
12/12/2016	12:15:00	0	27.512	16.1	2067.4
12/12/2016	12:30:00	0	27.539	16.1	2067.4
12/12/2016	12:45:00	0	27.569	16.1	2067.4
12/12/2016	13:00:00	0	27.593	16.1	2067.4
12/12/2016	13:15:00	0	27.549	16.1	2067.4
12/12/2016	13:30:00	0	27.521	16.1	2067.4
12/12/2016	13:45:00	0	27.522	16.1	2067.4
12/12/2016	14:00:00	0	27.553	16.1	2067.4
12/12/2016	14:15:00	0	27.541	16.1	2066.2
12/12/2016	14:30:00	0	27.541	16.1	2067.4
12/12/2016	14:45:00	0	27.563	16.1	2066.2
12/12/2016	15:00:00	0	27.524	16.1	2067.4
12/12/2016	15:15:00	0	27.582	16.1	2067.4
12/12/2016	15:30:00	0	27.567	16.1	2067.4
12/12/2016	15:45:00	0	27.585	16.1	2067.4
12/12/2016	16:00:00	0	27.529	16.1	2067.4
12/12/2016	16:15:00	0	27.554	16.1	2067.4
12/12/2016	16:30:00	0	27.536	16.1	2066.2
12/12/2016	16:45:00	0	27.548	16.1	2067.4
12/12/2016	17:00:00	0	27.56	16.1	2067.4
12/12/2016	17:15:00	0	27.538	16.1	2066.2

12/12/2016	17:30:00	0	27.541	16.1	2066.2
12/12/2016	17:45:00	0	27.557	16.1	2066.2
12/12/2016	18:00:00	0	27.574	16.1	2063.9
12/12/2016	18:15:00	0	27.532	16.1	2066.2
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12/12/2016	19:15:00	0	27.556	16.1	2066.2
12/12/2016	19:30:00	0	27.551	16.1	2063.9
12/12/2016	19:45:00	0	27.534	16.1	2063.9
12/12/2016	20:00:00	0	27.528	16.1	2066.2
12/12/2016	20:15:00	0	27.537	16.1	2066.2
12/12/2016	20:30:00	0	27.521	16.1	2067.4
12/12/2016	20:45:00	0	27.557	16.1	2066.2
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12/12/2016	22:15:00	0	27.486	16.1	2063.9
12/12/2016	22:30:00	0	27.53	16.1	2063.9
12/12/2016	22:45:00	0	27.572	16.1	2063.9
12/12/2016	23:00:00	0	27.521	16.1	2066.2
12/12/2016	23:15:00	0	27.531	16.1	2066.2
12/12/2016	23:30:00	0	27.574	16.1	2066.2
12/12/2016	23:45:00	0	27.545	16.1	2066.2
12/13/2016	0:00:00	0	27.545	16.1	2066.2
12/13/2016	0:15:00	0	27.564	16.1	2066.2
12/13/2016	0:30:00	0	27.545	16.1	2067.4
12/13/2016	0:45:00	0	27.551	16.1	2066.2
12/13/2016	1:00:00	0	27.538	16.1	2066.2
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12/13/2016	2:00:00	0	27.472	16.1	2066.2
12/13/2016	2:15:00	0	27.532	16.1	2066.2
12/13/2016	2:30:00	0	27.534	16.1	2063.9
12/13/2016	2:45:00	0	27.548	16.1	2063.9
12/13/2016	3:00:00	0	27.51	16.1	2066.2
12/13/2016	3:15:00	0	27.476	16.1	2063.9
12/13/2016	3:30:00	0	27.536	16.1	2066.2
12/13/2016	3:45:00	0	27.524	16.1	2063.9
12/13/2016	4:00:00	0	27.546	16.1	2063.9
12/13/2016	4:15:00	0	27.551	16.1	2066.2
12/13/2016	4:30:00	0	27.557	16.1	2066.2
12/13/2016	4:45:00	0	27.522	16.1	2066.2
12/13/2016	5:00:00	0	27.556	16.1	2066.2

12/13/2016	5:15:00	0	27.539	16.1	2066.2
12/13/2016	5:30:00	0	27.516	16.1	2066.2
12/13/2016	5:45:00	0	27.52	16.1	2066.2
12/13/2016	6:00:00	0	27.56	16.1	2066.2
12/13/2016	6:15:00	0	27.532	16.1	2066.2
12/13/2016	6:30:00	0	27.583	16.1	2066.2
12/13/2016	6:45:00	0	27.518	16.1	2063.9
12/13/2016	7:00:00	0	27.57	16.1	2066.2
12/13/2016	7:15:00	0	27.511	16.1	2066.2
12/13/2016	7:30:00	0	27.518	16.1	2066.2
12/13/2016	7:45:00	0	27.528	16.1	2066.2
12/13/2016	8:00:00	0	27.531	16.1	2063.9
12/13/2016	8:15:00	0	27.489	16.1	2063.9
12/13/2016	8:30:00	0	27.518	16.1	2063.9
12/13/2016	8:45:00	0	27.527	16.1	2063.9
12/13/2016	9:00:00	0	27.512	16.1	2062.7
12/13/2016	9:15:00	0	27.454	16.1	2062.7
12/13/2016	9:30:00	0	27.511	16.1	2063.9
12/13/2016	9:45:00	0	27.472	16.1	2063.9
12/13/2016	10:00:00	0	27.467	16.1	2063.9
12/13/2016	10:15:00	0	27.498	16.1	2063.9
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12/13/2016	11:15:00	0	27.515	16.1	2066.2
12/13/2016	11:30:00	0	27.486	16.1	2063.9
12/13/2016	11:45:00	0	27.512	16.1	2066.2
12/13/2016	12:00:00	0	27.561	16.1	2066.2
12/13/2016	12:15:00	0	27.548	16.1	2063.9
12/13/2016	12:30:00	0	27.541	16.1	2063.9
12/13/2016	12:45:00	0	27.564	16.1	2066.2
12/13/2016	13:00:00	0	27.553	16.1	2063.9
12/13/2016	13:15:00	0	27.531	16.1	2066.2
12/13/2016	13:30:00	0	27.523	16.1	2066.2
12/13/2016	13:45:00	0	27.581	16.1	2066.2
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12/13/2016	15:00:00	0	27.568	16.1	2067.4
12/13/2016	15:15:00	0	27.577	16.1	2066.2
12/13/2016	15:30:00	0	27.558	16.1	2067.4
12/13/2016	15:45:00	0	27.54	16.1	2066.2
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12/13/2016	16:15:00	0	27.529	16.1	2066.2
12/13/2016	16:30:00	0	27.544	16.1	2066.2
12/13/2016	16:45:00	0	27.564	16.1	2063.9

12/13/2016	17:00:00	0	27.504	16.1	2066.2
12/13/2016	17:15:00	0	27.623	16.1	2063.9
12/13/2016	17:30:00	0	27.548	16.1	2066.2
12/13/2016	17:45:00	0	27.523	16.1	2066.2
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12/13/2016	18:30:00	0	27.515	16.1	2063.9
12/13/2016	18:45:00	0	27.512	16.1	2066.2
12/13/2016	19:00:00	0	27.534	16.1	2066.2
12/13/2016	19:15:00	0	27.508	16.1	2063.9
12/13/2016	19:30:00	0	27.536	16.1	2067.4
12/13/2016	19:45:00	0	27.515	16.1	2066.2
12/13/2016	20:00:00	0	27.533	16.1	2066.2
12/13/2016	20:15:00	0	27.531	16.1	2066.2
12/13/2016	20:30:00	0	27.547	16.1	2066.2
12/13/2016	20:45:00	0	27.541	16.1	2066.2
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12/13/2016	21:30:00	0	27.523	16.1	2066.2
12/13/2016	21:45:00	0	27.537	16.1	2066.2
12/13/2016	22:00:00	0	27.511	16.1	2066.2
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12/13/2016	22:30:00	0	27.525	16.1	2066.2
12/13/2016	22:45:00	0	27.53	16.1	2066.2
12/13/2016	23:00:00	0	27.514	16.1	2066.2
12/13/2016	23:15:00	0	27.492	16.1	2063.9
12/13/2016	23:30:00	0	27.49	16.1	2063.9
12/13/2016	23:45:00	0	27.515	16.1	2063.9
12/14/2016	0:00:00	0	27.5	16.1	2063.9
12/14/2016	0:15:00	0	27.562	16.1	2063.9
12/14/2016	0:30:00	0	27.511	16.1	2063.9
12/14/2016	0:45:00	0	27.493	16.1	2063.9
12/14/2016	1:00:00	0	27.549	16.1	2066.2
12/14/2016	1:15:00	0	27.554	16.1	2066.2
12/14/2016	1:30:00	0	27.575	16.1	2066.2
12/14/2016	1:45:00	0	27.535	16.1	2066.2
12/14/2016	2:00:00	0	27.575	16.1	2063.9
12/14/2016	2:15:00	0	27.551	16.1	2066.2
12/14/2016	2:30:00	0	27.493	16.1	2066.2
12/14/2016	2:45:00	0	27.549	16.1	2066.2
12/14/2016	3:00:00	0	27.511	16.1	2066.2
12/14/2016	3:15:00	0	27.53	16.1	2067.4
12/14/2016	3:30:00	0	27.548	16.1	2066.2
12/14/2016	3:45:00	0	27.574	16.1	2066.2
12/14/2016	4:00:00	0	27.544	16.1	2063.9
12/14/2016	4:15:00	0	27.549	16.1	2063.9
12/14/2016	4:30:00	0	27.572	16.1	2063.9

12/14/2016	4:45:00	0	27.562	16.1	2062.7
12/14/2016	5:00:00	0	27.529	16.1	2062.7
12/14/2016	5:15:00	0	27.582	16.1	2062.7
12/14/2016	5:30:00	0	27.528	16.1	2063.9
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12/14/2016	6:00:00	0	27.569	16.1	2063.9
12/14/2016	6:15:00	0	27.505	16.1	2062.7
12/14/2016	6:30:00	0	27.526	16.1	2063.9
12/14/2016	6:45:00	0	27.541	16.1	2063.9
12/14/2016	7:00:00	0	27.539	16.1	2063.9
12/14/2016	7:15:00	0	27.558	16.1	2066.2
12/14/2016	7:30:00	0	27.501	16.1	2067.4
12/14/2016	7:45:00	0	27.533	16.1	2063.9
12/14/2016	8:00:00	0	27.529	16.1	2066.2
12/14/2016	8:15:00	0	27.523	16.1	2066.2
12/14/2016	8:30:00	0	27.554	16.1	2063.9
12/14/2016	8:45:00	0	27.54	16.1	2063.9
12/14/2016	9:00:00	0	27.514	16.1	2066.2
12/14/2016	9:15:00	0	27.524	16.1	2063.9
12/14/2016	9:30:00	0	27.52	16.1	2063.9
12/14/2016	9:45:00	0	27.514	16.1	2066.2
12/14/2016	10:00:00	0	27.515	16.1	2063.9
12/14/2016	10:15:00	0	27.518	16.1	2063.9
12/14/2016	10:30:00	0	27.49	16.1	2063.9
12/14/2016	10:45:00	0	27.532	16.1	2063.9
12/14/2016	11:00:00	0	27.509	16.1	2066.2
12/14/2016	11:15:00	0	27.52	16.1	2063.9
12/14/2016	11:30:00	0	27.504	16.1	2066.2
12/14/2016	11:45:00	0	27.53	16.1	2067.4
12/14/2016	12:00:00	0	27.519	16.1	2063.9
12/14/2016	12:15:00	0	27.522	16.1	2063.9
12/14/2016	12:30:00	0	27.528	16.1	2066.2
12/14/2016	12:45:00	0	27.562	16.1	2063.9
12/14/2016	13:00:00	0	27.54	16.1	2062.7
12/14/2016	13:15:00	0	27.523	16.1	2062.7
12/14/2016	13:30:00	0	27.529	16.1	2066.2
12/14/2016	13:45:00	0	27.556	16.1	2063.9
12/14/2016	14:00:00	0	27.565	16.1	2063.9
12/14/2016	14:15:00	0	27.541	16.1	2063.9
12/14/2016	14:30:00	0	27.518	16.1	2063.9
12/14/2016	14:45:00	0	27.565	16.1	2063.9
12/14/2016	15:00:00	0	27.586	16.1	2063.9
12/14/2016	15:15:00	0	27.547	16.1	2063.9
12/14/2016	15:30:00	0	27.572	16.1	2062.7
12/14/2016	15:45:00	0	27.517	16.1	2063.9
12/14/2016	16:00:00	0	27.596	16.1	2063.9
12/14/2016	16:15:00	0	27.532	16.1	2067.4

12/14/2016	16:30:00	0	27.508	16.1	2066.2
12/14/2016	16:45:00	0	27.57	16.1	2066.2
12/14/2016	17:00:00	0	27.548	16.1	2066.2
12/14/2016	17:15:00	0	27.511	16.1	2066.2
12/14/2016	17:30:00	0	27.531	16.1	2063.9
12/14/2016	17:45:00	0	27.572	16.1	2063.9
12/14/2016	18:00:00	0	27.522	16.1	2063.9
12/14/2016	18:15:00	0	27.51	16.1	2063.9
12/14/2016	18:30:00	0	27.492	16.1	2063.9
12/14/2016	18:45:00	0	27.553	16.1	2063.9
12/14/2016	19:00:00	0	27.553	16.1	2062.7
12/14/2016	19:15:00	0	27.568	16.1	2063.9
12/14/2016	19:30:00	0	27.539	16.1	2062.7
12/14/2016	19:45:00	0	27.568	16.1	2062.7
12/14/2016	20:00:00	0	27.547	16.1	2062.7
12/14/2016	20:15:00	0	27.546	16.1	2062.7
12/14/2016	20:30:00	0	27.5	16.1	2062.7
12/14/2016	20:45:00	0	27.533	16.1	2066.2
12/14/2016	21:00:00	0	27.505	16.1	2063.9
12/14/2016	21:15:00	0	27.522	16.1	2063.9
12/14/2016	21:30:00	0	27.522	16.1	2063.9
12/14/2016	21:45:00	0	27.481	16.1	2063.9
12/14/2016	22:00:00	0	27.518	16.1	2062.7
12/14/2016	22:15:00	0	27.497	16.1	2062.7
12/14/2016	22:30:00	0	27.526	16.1	2061.5
12/14/2016	22:45:00	0	27.549	16.1	2062.7
12/14/2016	23:00:00	0	27.515	16.1	2062.7
12/14/2016	23:15:00	0	27.537	16.1	2062.7
12/14/2016	23:30:00	0	27.554	16.1	2063.9
12/14/2016	23:45:00	0	27.568	16.1	2063.9

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	TEMPERAT	CONDUCTIVITY
12/8/2016	0:00:00	0	153.645	16	2545.3
12/8/2016	0:15:00	0	153.629	16	2545.3
12/8/2016	0:30:00	0	153.656	16	2545.3
12/8/2016	0:45:00	0	153.699	16	2545.3
12/8/2016	1:00:00	0	153.719	16	2545.3
12/8/2016	1:15:00	0	153.639	16	2545.3
12/8/2016	1:30:00	0	153.625	16	2544.1
12/8/2016	1:45:00	0	153.644	16	2544.1
12/8/2016	2:00:00	0	153.665	16	2545.3
12/8/2016	2:15:00	0	153.701	16	2545.3
12/8/2016	2:30:00	0	153.706	16	2545.3
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12/14/2016	15:00:00	0	155.125	16	2542.9
12/14/2016	15:15:00	0	155.145	16	2542.9
12/14/2016	15:30:00	0	155.151	16	2542.9
12/14/2016	15:45:00	0	155.116	16	2542.9
12/14/2016	16:00:00	0	155.155	16	2540.5
12/14/2016	16:15:00	0	155.189	16	2544.1

12/14/2016	16:30:00	0	155.166	16	2542.9
12/14/2016	16:45:00	0	155.228	16	2542.9
12/14/2016	17:00:00	0	155.146	16	2540.5
12/14/2016	17:15:00	0	155.169	16	2542.9
12/14/2016	17:30:00	0	155.169	16	2542.9
12/14/2016	17:45:00	0	155.171	16	2544.1
12/14/2016	18:00:00	0	155.14	16	2544.1
12/14/2016	18:15:00	0	155.187	16	2542.9
12/14/2016	18:30:00	0	155.15	16	2542.9
12/14/2016	18:45:00	0	155.171	16	2542.9
12/14/2016	19:00:00	0	155.19	16	2542.9
12/14/2016	19:15:00	0	155.167	16	2544.1
12/14/2016	19:30:00	0	155.137	16	2544.1
12/14/2016	19:45:00	0	155.166	16	2542.9
12/14/2016	20:00:00	0	155.145	16	2542.9
12/14/2016	20:15:00	0	155.144	16	2544.1
12/14/2016	20:30:00	0	155.158	16	2540.5
12/14/2016	20:45:00	0	155.151	16	2544.1
12/14/2016	21:00:00	0	155.143	16	2544.1
12/14/2016	21:15:00	0	155.14	16	2544.1
12/14/2016	21:30:00	0	155.14	16	2542.9
12/14/2016	21:45:00	0	155.119	16	2544.1
12/14/2016	22:00:00	0	155.136	16	2542.9
12/14/2016	22:15:00	0	155.135	16	2539.4
12/14/2016	22:30:00	0	155.046	16	2540.5
12/14/2016	22:45:00	0	155.049	16	2540.5
12/14/2016	23:00:00	0	154.917	16	2540.5
12/14/2016	23:15:00	0	154.899	16	2540.5
12/14/2016	23:30:00	0	154.876	16	2545.3
12/14/2016	23:45:00	0	154.891	16	2544.1

Report Date: 12/19/2016 10:29:40 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-6M LT Test_2016-12-15_14-29-48-693-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 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
11/24/2016 10:39:34 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:15:00 PM
11/24/2016 10:41:37 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
11/24/2016 10:42:20 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 10:30:00 AM
12/1/2016 3:33:59 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 3:45:00 PM
12/8/2016 3:10:29 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 4:30:00 PM
12/15/2016 2:27:42 PM Log Download - Used Battery: 16% Used Memory: 35% User Name: SKuiper Interval - Start

Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:45:00 PM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 738
Sensors: 2
1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc
	SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621	SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected 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)
12/8/2016 12:00:00 AM	7200.000	59.234	16.886	136.769	1166.726	1380.716	0.698	0.939	857.100	0.999	14.776
12/8/2016 12:15:00 AM	8100.000	59.231	16.886	136.762	1166.073	1379.927	0.697	0.938	857.579	0.999	14.783
12/8/2016 12:30:00 AM	9000.000	59.242	16.887	136.787	1165.736	1379.511	0.697	0.938	857.827	0.999	14.783
12/8/2016 12:45:00 AM	9900.000	59.243	16.887	136.790	1165.865	1379.662	0.697	0.938	857.732	0.999	14.771
12/8/2016 1:00:00 AM	10800.000	59.238	16.885	136.779	1164.751	1378.400	0.696	0.937	858.553	0.999	14.774
12/8/2016 1:15:00 AM	11700.000	59.253	16.886	136.813	1165.210	1378.917	0.697	0.938	858.214	0.999	14.774
12/8/2016 1:30:00 AM	12600.000	59.239	16.886	136.781	1165.976	1379.814	0.697	0.938	857.651	0.999	14.771
12/8/2016 1:45:00 AM	13500.000	59.245	16.887	136.795	1166.022	1379.847	0.697	0.938	857.617	0.999	14.769
12/8/2016 2:00:00 AM	14400.000	59.246	16.887								

136.796	1166.765	1380.716	0.698
0.939	857.070	0.999	14.768
12/8/2016 2:15:00 AM	15300.000	59.254	16.885
136.816	1166.095	1379.980	0.697
0.938	857.563	0.999	14.766
12/8/2016 2:30:00 AM	16200.000	59.247	16.885
136.799	1165.374	1379.127	0.697
0.938	858.094	0.999	14.772
12/8/2016 2:45:00 AM	17100.000	59.264	16.885
136.839	1164.385	1377.961	0.696
0.937	858.823	0.999	14.770
12/8/2016 3:00:00 AM	18000.000	59.253	16.886
136.813	1165.414	1379.150	0.697
0.938	858.064	0.999	14.765
12/8/2016 3:15:00 AM	18900.000	59.249	16.885
136.804	1167.779	1381.970	0.698
0.940	856.327	0.999	14.765
12/8/2016 3:30:00 AM	19800.000	59.257	16.886
136.823	1173.236	1388.415	0.702
0.944	852.343	0.999	14.761
12/8/2016 3:45:00 AM	20700.000	59.263	16.886
136.837	1167.008	1381.038	0.698
0.939	856.892	0.999	14.757
12/8/2016 4:00:00 AM	21600.000	59.256	16.886
136.819	1164.671	1378.279	0.696
0.937	858.612	0.999	14.767
12/8/2016 4:15:00 AM	22500.000	59.263	16.885
136.836	1165.799	1379.624	0.697
0.938	857.781	0.999	14.760
12/8/2016 4:30:00 AM	23400.000	59.283	16.887
136.882	1165.589	1379.319	0.697
0.938	857.935	0.999	14.760
12/8/2016 4:45:00 AM	24300.000	59.269	16.887
136.850	1164.727	1378.318	0.696
0.937	858.570	0.999	14.763
12/8/2016 5:00:00 AM	25200.000	59.265	16.887
136.842	1165.296	1378.969	0.697
0.938	858.151	0.999	14.762
12/8/2016 5:15:00 AM	26100.000	59.277	16.887
136.868	1165.014	1378.636	0.696
0.937	858.359	0.999	14.757
12/8/2016 5:30:00 AM	27000.000	59.268	16.887
136.849	1164.997	1378.626	0.696
0.937	858.372	0.999	14.769
12/8/2016 5:45:00 AM	27900.000	59.268	16.886
136.849	1164.847	1378.465	0.696
0.937	858.482	0.999	14.770
12/8/2016 6:00:00 AM	28800.000	59.290	16.885
136.899	1165.800	1379.639	0.697
0.938	857.780	0.999	14.770
12/8/2016 6:15:00 AM	29700.000	59.280	16.887
136.875	1165.110	1378.771	0.696
0.938	858.288	0.999	14.766
12/8/2016 6:30:00 AM	30600.000	59.271	16.886
136.855	1164.189	1377.691	0.696

0.937	858.967	0.999	14.779
12/8/2016 6:45:00 AM	31500.000	59.286	16.885
136.890	1165.222	1378.958	0.697
0.938	858.205	0.999	14.770
12/8/2016 7:00:00 AM	32400.000	59.279	16.885
136.873	1165.241	1378.975	0.697
0.938	858.192	0.999	14.778
12/8/2016 7:15:00 AM	33300.000	59.277	16.885
136.869	1164.949	1378.637	0.696
0.937	858.407	0.999	14.782
12/8/2016 7:30:00 AM	34200.000	59.307	16.886
136.937	1164.469	1378.045	0.696
0.937	858.760	0.999	14.773
12/8/2016 7:45:00 AM	35100.000	59.289	16.887
136.896	1166.393	1380.281	0.697
0.939	857.344	0.999	14.779
12/8/2016 8:00:00 AM	36000.000	59.303	16.885
136.928	1165.449	1379.229	0.697
0.938	858.038	0.999	14.783
12/8/2016 8:15:00 AM	36900.000	59.291	16.885
136.900	1164.726	1378.373	0.696
0.937	858.571	0.999	14.782
12/8/2016 8:30:00 AM	37800.000	59.310	16.886
136.945	1165.247	1378.958	0.697
0.938	858.187	0.999	14.787
12/8/2016 8:45:00 AM	38700.000	59.295	16.888
136.911	1165.313	1378.984	0.697
0.938	858.138	0.999	14.793
12/8/2016 9:00:00 AM	39600.000	59.316	16.885
136.960	1165.696	1379.513	0.697
0.938	857.857	0.999	14.795
12/8/2016 9:15:00 AM	40500.000	59.300	16.885
136.921	1166.345	1380.276	0.697
0.939	857.379	0.999	14.797
12/8/2016 9:30:00 AM	41400.000	59.306	16.885
136.935	1164.922	1378.608	0.696
0.937	858.427	0.999	14.798
12/8/2016 9:45:00 AM	42300.000	59.299	16.885
136.921	1164.376	1377.943	0.696
0.937	858.829	0.999	14.809
12/8/2016 10:00:00 AM	43200.000	59.299	16.885
136.920	1164.126	1377.666	0.696
0.937	859.014	0.999	14.814
12/8/2016 10:15:00 AM	44100.000	59.306	16.885
136.935	1165.214	1378.937	0.697
0.938	858.212	0.999	14.809
12/8/2016 10:30:00 AM	45000.000	59.338	16.886
137.010	1164.657	1378.265	0.696
0.937	858.622	0.999	14.803
12/8/2016 10:45:00 AM	45900.000	59.309	16.886
136.943	1163.772	1377.220	0.696
0.937	859.275	0.999	14.808
12/8/2016 11:00:00 AM	46800.000	59.324	16.886
136.976	1165.618	1379.407	0.697
0.938	857.914	0.999	14.812

12/8/2016 11:15:00 AM	47700.000	59.314	16.886
136.955	1167.561	1381.698	0.698
0.940	856.487	0.999	14.803
12/8/2016 11:30:00 AM	48600.000	59.321	16.885
136.971	1165.564	1379.365	0.697
0.938	857.953	0.999	14.796
12/8/2016 11:45:00 AM	49500.000	59.323	16.884
136.975	1164.791	1378.465	0.696
0.937	858.523	0.999	14.799
12/8/2016 12:00:00 PM	50400.000	59.328	16.885
136.987	1168.191	1382.458	0.698
0.940	856.024	0.999	14.792
12/8/2016 12:15:00 PM	51300.000	59.335	16.884
137.003	1166.889	1380.974	0.698
0.939	856.980	0.999	14.790
12/8/2016 12:30:00 PM	52200.000	59.350	16.884
137.037	1165.104	1378.833	0.697
0.938	858.292	0.999	14.791
12/8/2016 12:45:00 PM	53100.000	59.331	16.884
136.994	1167.711	1381.937	0.698
0.940	856.376	0.999	14.798
12/8/2016 1:00:00 PM	54000.000	59.354	16.885
137.047	1166.907	1380.946	0.698
0.939	856.966	0.999	14.792
12/8/2016 1:15:00 PM	54900.000	59.336	16.885
137.005	1166.929	1380.983	0.698
0.939	856.950	0.999	14.796
12/8/2016 1:30:00 PM	55800.000	59.343	16.885
137.022	1166.524	1380.493	0.697
0.939	857.248	0.999	14.796
12/8/2016 1:45:00 PM	56700.000	59.346	16.884
137.029	1164.059	1377.599	0.696
0.937	859.063	0.999	14.796
12/8/2016 2:00:00 PM	57600.000	59.344	16.884
137.024	1163.972	1377.509	0.696
0.937	859.127	0.999	14.796
12/8/2016 2:15:00 PM	58500.000	59.350	16.886
137.036	1166.555	1380.505	0.697
0.939	857.225	0.999	14.797
12/8/2016 2:30:00 PM	59400.000	59.353	16.885
137.044	1166.194	1380.111	0.697
0.938	857.490	0.999	14.799
12/8/2016 2:45:00 PM	60300.000	59.354	16.885
137.047	1166.617	1380.620	0.697
0.939	857.179	0.999	14.804
12/8/2016 3:00:00 PM	61200.000	59.360	16.884
137.060	1165.275	1379.035	0.697
0.938	858.166	0.999	14.795
12/8/2016 3:15:00 PM	62100.000	59.355	16.883
137.049	1173.840	1389.231	0.702
0.945	851.905	0.999	14.805
12/8/2016 3:30:00 PM	63000.000	59.380	16.885
137.106	1169.553	1384.078	0.699
0.941	855.028	0.999	14.798
12/8/2016 3:45:00 PM	63900.000	59.360	16.886

137.061	1168.045	1382.260	0.698
0.940	856.132	0.999	14.798
12/8/2016 4:00:00 PM	64800.000	59.362	16.884
137.064	1167.198	1381.310	0.698
0.939	856.753	0.999	14.806
12/8/2016 4:15:00 PM	65700.000	59.364	16.886
137.071	1167.916	1382.113	0.698
0.940	856.226	0.999	14.804
12/8/2016 4:30:00 PM	66600.000	59.381	16.884
137.108	1165.813	1379.672	0.697
0.938	857.770	0.999	14.805
12/8/2016 4:45:00 PM	67500.000	59.383	16.886
137.114	1165.688	1379.479	0.697
0.938	857.863	0.999	14.795
12/8/2016 5:00:00 PM	68400.000	59.365	16.885
137.072	1164.054	1377.560	0.696
0.937	859.066	0.999	14.811
12/8/2016 5:15:00 PM	69300.000	59.369	16.884
137.082	1165.914	1379.804	0.697
0.938	857.696	0.999	14.805
12/8/2016 5:30:00 PM	70200.000	59.381	16.884
137.109	1165.835	1379.721	0.697
0.938	857.754	0.999	14.797
12/8/2016 5:45:00 PM	71100.000	59.372	16.883
137.089	1168.882	1383.344	0.699
0.941	855.518	0.999	14.808
12/8/2016 6:00:00 PM	72000.000	59.379	16.885
137.103	1166.798	1380.810	0.698
0.939	857.046	0.999	14.808
12/8/2016 6:15:00 PM	72900.000	59.398	16.885
137.148	1166.031	1379.898	0.697
0.938	857.610	0.999	14.807
12/8/2016 6:30:00 PM	73800.000	59.374	16.885
137.092	1171.887	1386.829	0.701
0.943	853.324	0.999	14.815
12/8/2016 6:45:00 PM	74700.000	59.385	16.885
137.119	1166.566	1380.559	0.697
0.939	857.217	0.999	14.811
12/8/2016 7:00:00 PM	75600.000	59.387	16.883
137.124	1165.851	1379.768	0.697
0.938	857.743	0.999	14.812
12/8/2016 7:15:00 PM	76500.000	59.386	16.884
137.121	1166.946	1381.032	0.698
0.939	856.937	0.999	14.810
12/8/2016 7:30:00 PM	77400.000	59.404	16.885
137.162	1164.273	1377.843	0.696
0.937	858.905	0.999	14.815
12/8/2016 7:45:00 PM	78300.000	59.390	16.884
137.130	1165.406	1379.213	0.697
0.938	858.070	0.999	14.818
12/8/2016 8:00:00 PM	79200.000	59.395	16.885
137.141	1165.358	1379.119	0.697
0.938	858.105	0.999	14.818
12/8/2016 8:15:00 PM	80100.000	59.388	16.884
137.124	1166.362	1380.345	0.697

0.939	857.367	0.999	14.827
12/8/2016 8:30:00 PM	81000.000	59.414	16.884
137.185	1166.203	1380.141	0.697
0.938	857.483	0.999	14.826
12/8/2016 8:45:00 PM	81900.000	59.398	16.884
137.149	1170.722	1385.481	0.700
0.942	854.174	0.999	14.826
12/8/2016 9:00:00 PM	82800.000	59.397	16.885
137.145	1168.262	1382.556	0.698
0.940	855.972	0.999	14.829
12/8/2016 9:15:00 PM	83700.000	59.415	16.884
137.186	1169.563	1384.120	0.699
0.941	855.020	0.999	14.828
12/8/2016 9:30:00 PM	84600.000	59.405	16.884
137.164	1168.013	1382.294	0.698
0.940	856.155	0.999	14.825
12/8/2016 9:45:00 PM	85500.000	59.399	16.883
137.150	1170.408	1385.156	0.700
0.942	854.403	0.999	14.838
12/8/2016 10:00:00 PM	86400.000	59.411	16.884
137.178	1165.792	1379.649	0.697
0.938	857.786	0.999	14.830
12/8/2016 10:15:00 PM	87300.000	59.401	16.884
137.156	1169.698	1384.283	0.699
0.941	854.921	0.999	14.838
12/8/2016 10:30:00 PM	88200.000	59.405	16.884
137.165	1166.704	1380.729	0.698
0.939	857.115	0.999	14.840
12/8/2016 10:45:00 PM	89100.000	59.411	16.884
137.178	1166.393	1380.363	0.697
0.939	857.344	0.999	14.835
12/8/2016 11:00:00 PM	90000.000	59.410	16.885
137.177	1167.223	1381.318	0.698
0.939	856.734	0.999	14.836
12/8/2016 11:15:00 PM	90900.000	59.421	16.884
137.202	1167.391	1381.543	0.698
0.939	856.611	0.999	14.841
12/8/2016 11:30:00 PM	91800.000	59.415	16.884
137.187	1164.334	1377.946	0.696
0.937	858.860	0.999	14.837
12/8/2016 11:45:00 PM	92700.000	59.414	16.885
137.185	1163.271	1376.649	0.695
0.936	859.645	0.999	14.836
12/9/2016 12:00:00 AM	93600.000	59.418	16.885
137.195	1163.010	1376.351	0.695
0.936	859.838	0.999	14.835
12/9/2016 12:15:00 AM	94500.000	59.416	16.884
137.189	1164.855	1378.540	0.696
0.937	858.476	0.999	14.840
12/9/2016 12:30:00 AM	95400.000	59.422	16.885
137.203	1164.276	1377.844	0.696
0.937	858.903	0.999	14.831
12/9/2016 12:45:00 AM	96300.000	59.418	16.887
137.195	1164.031	1377.481	0.696
0.937	859.084	0.999	14.836

12/9/2016 1:00:00 AM	97200.000	59.418	16.885
137.194	1162.821	1376.108	0.695
0.936	859.978	0.999	14.838
12/9/2016 1:15:00 AM	98100.000	59.417	16.886
137.191	1163.058	1376.364	0.695
0.936	859.802	0.999	14.839
12/9/2016 1:30:00 AM	99000.000	59.419	16.886
137.197	1160.997	1373.917	0.694
0.934	861.329	0.999	14.839
12/9/2016 1:45:00 AM	99900.000	59.417	16.887
137.193	1162.293	1375.417	0.695
0.935	860.369	0.999	14.842
12/9/2016 2:00:00 AM	100800.000	59.430	16.886
137.221	1164.452	1378.019	0.696
0.937	858.773	0.999	14.843
12/9/2016 2:15:00 AM	101700.000	59.421	16.885
137.201	1164.396	1377.969	0.696
0.937	858.814	0.999	14.839
12/9/2016 2:30:00 AM	102600.000	59.425	16.885
137.211	1165.450	1379.216	0.697
0.938	858.038	0.999	14.837
12/9/2016 2:45:00 AM	103500.000	59.422	16.885
137.204	1163.126	1376.472	0.695
0.936	859.752	0.999	14.837
12/9/2016 3:00:00 AM	104400.000	59.447	16.886
137.261	1162.816	1376.092	0.695
0.936	859.981	0.999	14.833
12/9/2016 3:15:00 AM	105300.000	59.433	16.886
137.228	1164.980	1378.634	0.696
0.937	858.384	0.999	14.828
12/9/2016 3:30:00 AM	106200.000	59.429	16.885
137.220	1163.547	1376.960	0.696
0.936	859.441	0.999	14.834
12/9/2016 3:45:00 AM	107100.000	59.435	16.886
137.234	1164.541	1378.133	0.696
0.937	858.708	0.999	14.832
12/9/2016 4:00:00 AM	108000.000	59.438	16.883
137.240	1164.528	1378.202	0.696
0.937	858.717	0.999	14.830
12/9/2016 4:15:00 AM	108900.000	59.437	16.884
137.239	1165.138	1378.877	0.697
0.938	858.268	0.999	14.836
12/9/2016 4:30:00 AM	109800.000	59.441	16.885
137.248	1166.315	1380.251	0.697
0.939	857.402	0.999	14.832
12/9/2016 4:45:00 AM	110700.000	59.442	16.883
137.250	1164.005	1377.581	0.696
0.937	859.103	0.999	14.837
12/9/2016 5:00:00 AM	111600.000	59.445	16.884
137.258	1162.646	1375.946	0.695
0.936	860.107	0.999	14.832
12/9/2016 5:15:00 AM	112500.000	59.445	16.885
137.257	1163.592	1377.024	0.696
0.936	859.408	0.999	14.833
12/9/2016 5:30:00 AM	113400.000	59.451	16.883

137.269	1167.814	1382.099	0.698
0.940	856.301	0.999	14.834
12/9/2016 5:45:00 AM	114300.000	59.445	16.885
137.256	1168.240	1382.538	0.698
0.940	855.989	0.999	14.840
12/9/2016 6:00:00 AM	115200.000	59.449	16.884
137.265	1164.131	1377.697	0.696
0.937	859.010	0.999	14.841
12/9/2016 6:15:00 AM	116100.000	59.452	16.883
137.273	1165.139	1378.911	0.697
0.938	858.267	0.999	14.844
12/9/2016 6:30:00 AM	117000.000	59.445	16.884
137.257	1165.184	1378.937	0.697
0.938	858.234	0.999	14.848
12/9/2016 6:45:00 AM	117900.000	59.452	16.885
137.273	1166.674	1380.688	0.698
0.939	857.137	0.999	14.845
12/9/2016 7:00:00 AM	118800.000	59.459	16.883
137.289	1166.102	1380.045	0.697
0.938	857.558	0.999	14.840
12/9/2016 7:15:00 AM	119700.000	59.459	16.884
137.289	1164.400	1378.027	0.696
0.937	858.811	0.999	14.838
12/9/2016 7:30:00 AM	120600.000	59.458	16.883
137.287	1164.298	1377.916	0.696
0.937	858.887	0.999	14.843
12/9/2016 7:45:00 AM	121500.000	59.460	16.883
137.290	1170.711	1385.506	0.700
0.942	854.181	0.999	14.850
12/9/2016 8:00:00 AM	122400.000	59.473	16.884
137.322	1166.442	1380.440	0.697
0.939	857.308	0.999	14.853
12/9/2016 8:15:00 AM	123300.000	59.450	16.882
137.269	1165.279	1379.118	0.697
0.938	858.164	0.999	14.860
12/9/2016 8:30:00 AM	124200.000	59.462	16.883
137.296	1163.507	1376.977	0.696
0.936	859.471	0.999	14.850
12/9/2016 8:45:00 AM	125100.000	59.464	16.884
137.300	1164.618	1378.273	0.696
0.937	858.651	0.999	14.852
12/9/2016 9:00:00 AM	126000.000	59.458	16.884
137.287	1163.178	1376.577	0.695
0.936	859.714	0.999	14.859
12/9/2016 9:15:00 AM	126900.000	59.464	16.886
137.300	1163.388	1376.746	0.695
0.936	859.559	0.999	14.860
12/9/2016 9:30:00 AM	127800.000	59.478	16.884
137.332	1165.549	1379.361	0.697
0.938	857.965	0.999	14.862
12/9/2016 9:45:00 AM	128700.000	59.464	16.884
137.300	1164.302	1377.885	0.696
0.937	858.884	0.999	14.861
12/9/2016 10:00:00 AM	129600.000	59.471	16.883
137.316	1162.815	1376.162	0.695

0.936	859.982	0.999	14.861
12/9/2016 10:15:00 AM	130500.000	59.463	16.884
137.299	1164.748	1378.419	0.696
0.937	858.555	0.999	14.865
12/9/2016 10:30:00 AM	131400.000	59.465	16.885
137.304	1162.608	1375.861	0.695
0.936	860.135	0.999	14.866
12/9/2016 10:45:00 AM	132300.000	59.462	16.884
137.296	1165.191	1378.956	0.697
0.938	858.229	0.999	14.871
12/9/2016 11:00:00 AM	133200.000	59.470	16.882
137.314	1165.314	1379.149	0.697
0.938	858.138	0.999	14.868
12/9/2016 11:15:00 AM	134100.000	59.490	16.884
137.361	1163.580	1377.059	0.696
0.936	859.417	0.999	14.862
12/9/2016 11:30:00 AM	135000.000	59.482	16.883
137.342	1162.038	1375.244	0.695
0.935	860.557	0.999	14.865
12/9/2016 11:45:00 AM	135900.000	59.476	16.884
137.327	1164.773	1378.446	0.696
0.937	858.536	0.999	14.853
12/9/2016 12:00:00 PM	136800.000	59.480	16.884
137.337	1165.766	1379.616	0.697
0.938	857.805	0.999	14.845
12/9/2016 12:15:00 PM	137700.000	59.480	16.884
137.337	1164.560	1378.210	0.696
0.937	858.694	0.999	14.843
12/9/2016 12:30:00 PM	138600.000	59.487	16.884
137.353	1164.530	1378.167	0.696
0.937	858.715	0.999	14.837
12/9/2016 12:45:00 PM	139500.000	59.489	16.884
137.358	1163.568	1377.031	0.696
0.936	859.426	0.999	14.830
12/9/2016 1:00:00 PM	140400.000	59.489	16.883
137.357	1166.721	1380.792	0.698
0.939	857.103	0.999	14.832
12/9/2016 1:15:00 PM	141300.000	59.494	16.883
137.370	1163.619	1377.121	0.696
0.936	859.388	0.999	14.826
12/9/2016 1:30:00 PM	142200.000	59.517	16.883
137.424	1167.469	1381.671	0.698
0.940	856.554	0.999	14.822
12/9/2016 1:45:00 PM	143100.000	59.487	16.884
137.353	1166.308	1380.284	0.697
0.939	857.407	0.999	14.836
12/9/2016 2:00:00 PM	144000.000	59.513	16.882
137.414	1164.520	1378.225	0.696
0.937	858.723	0.999	14.826
12/9/2016 2:15:00 PM	144900.000	59.508	16.883
137.403	1167.102	1381.254	0.698
0.939	856.823	0.999	14.826
12/9/2016 2:30:00 PM	145800.000	59.524	16.883
137.440	1163.823	1377.373	0.696
0.937	859.237	0.999	14.817

12/9/2016 2:45:00 PM	146700.000	59.501	16.881
137.386	1165.096	1378.946	0.697
0.938	858.298	0.999	14.823
12/9/2016 3:00:00 PM	147600.000	59.502	16.882
137.388	1168.381	1382.774	0.699
0.940	855.885	0.999	14.825
12/9/2016 3:15:00 PM	148500.000	59.510	16.883
137.407	1170.346	1385.091	0.700
0.942	854.448	0.999	14.823
12/9/2016 3:30:00 PM	149400.000	59.510	16.883
137.407	1169.156	1383.673	0.699
0.941	855.318	0.999	14.822
12/9/2016 3:45:00 PM	150300.000	59.503	16.883
137.390	1171.915	1386.934	0.701
0.943	853.304	0.999	14.827
12/9/2016 4:00:00 PM	151200.000	59.511	16.883
137.410	1168.581	1382.999	0.699
0.940	855.739	0.999	14.822
12/9/2016 4:15:00 PM	152100.000	59.518	16.882
137.425	1164.393	1378.056	0.696
0.937	858.817	0.999	14.816
12/9/2016 4:30:00 PM	153000.000	59.515	16.882
137.418	1166.269	1380.276	0.697
0.939	857.435	0.999	14.817
12/9/2016 4:45:00 PM	153900.000	59.514	16.882
137.415	1162.501	1375.828	0.695
0.936	860.214	0.999	14.819
12/9/2016 5:00:00 PM	154800.000	59.521	16.884
137.432	1168.657	1383.036	0.699
0.940	855.683	0.999	14.814
12/9/2016 5:15:00 PM	155700.000	59.521	16.884
137.432	1168.208	1382.536	0.698
0.940	856.012	0.999	14.815
12/9/2016 5:30:00 PM	156600.000	59.511	16.885
137.408	1170.704	1385.457	0.700
0.942	854.187	0.999	14.822
12/9/2016 5:45:00 PM	157500.000	59.521	16.882
137.432	1165.838	1379.788	0.697
0.938	857.752	0.999	14.815
12/9/2016 6:00:00 PM	158400.000	59.526	16.884
137.444	1165.087	1378.837	0.697
0.938	858.305	0.999	14.815
12/9/2016 6:15:00 PM	159300.000	59.523	16.883
137.438	1167.879	1382.154	0.698
0.940	856.253	0.999	14.818
12/9/2016 6:30:00 PM	160200.000	59.523	16.882
137.436	1164.022	1377.631	0.696
0.937	859.090	0.999	14.820
12/9/2016 6:45:00 PM	161100.000	59.524	16.882
137.439	1165.222	1379.051	0.697
0.938	858.205	0.999	14.819
12/9/2016 7:00:00 PM	162000.000	59.536	16.884
137.468	1166.315	1380.279	0.697
0.939	857.401	0.999	14.825
12/9/2016 7:15:00 PM	162900.000	59.529	16.883

137.452	1164.554	1378.241	0.696
0.937	858.698	0.999	14.818
12/9/2016 7:30:00 PM	163800.000	59.521	16.882
137.432	1167.224	1381.406	0.698
0.939	856.734	0.999	14.824
12/9/2016 7:45:00 PM	164700.000	59.523	16.883
137.436	1165.853	1379.765	0.697
0.938	857.741	0.999	14.826
12/9/2016 8:00:00 PM	165600.000	59.537	16.883
137.469	1165.299	1379.118	0.697
0.938	858.149	0.999	14.811
12/9/2016 8:15:00 PM	166500.000	59.538	16.883
137.471	1163.554	1377.047	0.696
0.936	859.436	0.999	14.811
12/9/2016 8:30:00 PM	167400.000	59.541	16.881
137.478	1164.290	1377.964	0.696
0.937	858.893	0.999	14.811
12/9/2016 8:45:00 PM	168300.000	59.532	16.882
137.457	1164.468	1378.161	0.696
0.937	858.761	0.999	14.825
12/9/2016 9:00:00 PM	169200.000	59.536	16.883
137.466	1170.262	1384.997	0.700
0.942	854.509	0.999	14.820
12/9/2016 9:15:00 PM	170100.000	59.536	16.883
137.467	1172.326	1387.432	0.701
0.943	853.005	0.999	14.822
12/9/2016 9:30:00 PM	171000.000	59.536	16.884
137.466	1165.766	1379.635	0.697
0.938	857.805	0.999	14.822
12/9/2016 9:45:00 PM	171900.000	59.538	16.883
137.470	1165.962	1379.902	0.697
0.938	857.661	0.999	14.821
12/9/2016 10:00:00 PM	172800.000	59.545	16.883
137.487	1166.712	1380.767	0.698
0.939	857.109	0.999	14.818
12/9/2016 10:15:00 PM	173700.000	59.556	16.882
137.513	1165.743	1379.665	0.697
0.938	857.822	0.999	14.822
12/9/2016 10:30:00 PM	174600.000	59.547	16.882
137.493	1162.646	1375.999	0.695
0.936	860.107	0.999	14.819
12/9/2016 10:45:00 PM	175500.000	59.547	16.882
137.492	1166.466	1380.512	0.697
0.939	857.291	0.999	14.818
12/9/2016 11:00:00 PM	176400.000	59.542	16.883
137.481	1167.446	1381.656	0.698
0.940	856.571	0.999	14.822
12/9/2016 11:15:00 PM	177300.000	59.543	16.883
137.483	1165.100	1378.876	0.697
0.938	858.296	0.999	14.822
12/9/2016 11:30:00 PM	178200.000	59.547	16.883
137.493	1163.601	1377.110	0.696
0.936	859.401	0.999	14.817
12/9/2016 11:45:00 PM	179100.000	59.553	16.882
137.507	1163.181	1376.633	0.695

0.936	859.711	0.999	14.812
12/10/2016 12:00:00 AM	180000.000	59.559	16.881
137.520	1162.955	1376.387	0.695
0.936	859.878	0.999	14.806
12/10/2016 12:15:00 AM	180900.000	59.547	16.884
137.493	1164.798	1378.492	0.696
0.937	858.518	0.999	14.815
12/10/2016 12:30:00 AM	181800.000	59.567	16.883
137.539	1163.941	1377.491	0.696
0.937	859.150	0.999	14.810
12/10/2016 12:45:00 AM	182700.000	59.555	16.883
137.511	1165.642	1379.507	0.697
0.938	857.896	0.999	14.812
12/10/2016 1:00:00 AM	183600.000	59.554	16.884
137.509	1164.091	1377.653	0.696
0.937	859.039	0.999	14.812
12/10/2016 1:15:00 AM	184500.000	59.547	16.883
137.493	1166.223	1380.213	0.697
0.939	857.469	0.999	14.822
12/10/2016 1:30:00 AM	185400.000	59.557	16.883
137.514	1163.135	1376.559	0.695
0.936	859.745	0.999	14.818
12/10/2016 1:45:00 AM	186300.000	59.581	16.883
137.571	1160.974	1373.993	0.694
0.934	861.346	0.999	14.812
12/10/2016 2:00:00 AM	187200.000	59.585	16.883
137.581	1164.415	1378.069	0.696
0.937	858.800	0.999	14.810
12/10/2016 2:15:00 AM	188100.000	59.565	16.883
137.534	1165.616	1379.490	0.697
0.938	857.915	0.999	14.811
12/10/2016 2:30:00 AM	189000.000	59.576	16.882
137.558	1163.186	1376.628	0.695
0.936	859.708	0.999	14.806
12/10/2016 2:45:00 AM	189900.000	59.583	16.883
137.576	1166.034	1379.965	0.697
0.938	857.608	0.999	14.813
12/10/2016 3:00:00 AM	190800.000	59.573	16.883
137.553	1163.650	1377.157	0.696
0.936	859.365	0.999	14.807
12/10/2016 3:15:00 AM	191700.000	59.593	16.884
137.597	1163.176	1376.581	0.695
0.936	859.715	0.999	14.806
12/10/2016 3:30:00 AM	192600.000	59.571	16.882
137.547	1164.268	1377.932	0.696
0.937	858.909	0.999	14.810
12/10/2016 3:45:00 AM	193500.000	59.575	16.882
137.556	1164.975	1378.745	0.696
0.938	858.388	0.999	14.811
12/10/2016 4:00:00 AM	194400.000	59.574	16.883
137.554	1165.542	1379.411	0.697
0.938	857.970	0.999	14.809
12/10/2016 4:15:00 AM	195300.000	59.583	16.883
137.576	1166.675	1380.724	0.698
0.939	857.137	0.999	14.803

12/10/2016 4:30:00 AM	196200.000	59.587	16.883
137.586	1166.231	1380.214	0.697
0.939	857.463	0.999	14.800
12/10/2016 4:45:00 AM	197100.000	59.575	16.882
137.558	1165.234	1379.068	0.697
0.938	858.196	0.999	14.809
12/10/2016 5:00:00 AM	198000.000	59.575	16.883
137.556	1164.389	1378.024	0.696
0.937	858.820	0.999	14.812
12/10/2016 5:15:00 AM	198900.000	59.588	16.881
137.586	1165.964	1379.945	0.697
0.938	857.660	0.999	14.807
12/10/2016 5:30:00 AM	199800.000	59.603	16.881
137.621	1167.861	1382.197	0.698
0.940	856.266	0.999	14.809
12/10/2016 5:45:00 AM	200700.000	59.591	16.882
137.593	1167.958	1382.281	0.698
0.940	856.195	0.999	14.803
12/10/2016 6:00:00 AM	201600.000	59.586	16.882
137.583	1164.253	1377.896	0.696
0.937	858.920	0.999	14.807
12/10/2016 6:15:00 AM	202500.000	59.607	16.881
137.632	1163.272	1376.765	0.695
0.936	859.644	0.999	14.804
12/10/2016 6:30:00 AM	203400.000	59.588	16.882
137.587	1168.143	1382.492	0.698
0.940	856.059	0.999	14.807
12/10/2016 6:45:00 AM	204300.000	59.589	16.880
137.590	1163.244	1376.756	0.695
0.936	859.665	0.999	14.803
12/10/2016 7:00:00 AM	205200.000	59.589	16.883
137.588	1163.676	1377.202	0.696
0.936	859.346	0.999	14.810
12/10/2016 7:15:00 AM	206100.000	59.596	16.883
137.606	1166.356	1380.360	0.697
0.939	857.371	0.999	14.801
12/10/2016 7:30:00 AM	207000.000	59.610	16.881
137.637	1171.058	1385.974	0.700
0.942	853.929	0.999	14.805
12/10/2016 7:45:00 AM	207900.000	59.598	16.881
137.610	1164.414	1378.133	0.696
0.937	858.801	0.999	14.802
12/10/2016 8:00:00 AM	208800.000	59.595	16.881
137.603	1166.783	1380.915	0.698
0.939	857.057	0.999	14.808
12/10/2016 8:15:00 AM	209700.000	59.591	16.881
137.594	1162.758	1376.154	0.695
0.936	860.024	0.999	14.816
12/10/2016 8:30:00 AM	210600.000	59.597	16.882
137.607	1167.897	1382.208	0.698
0.940	856.240	0.999	14.814
12/10/2016 8:45:00 AM	211500.000	59.599	16.881
137.613	1165.056	1378.873	0.697
0.938	858.328	0.999	14.807
12/10/2016 9:00:00 AM	212400.000	59.604	16.880

137.624	1170.554	1385.407	0.700
0.942	854.297	0.999	14.809
12/10/2016 9:15:00 AM	213300.000	59.616	16.883
137.651	1167.087	1381.231	0.698
0.939	856.834	0.999	14.808
12/10/2016 9:30:00 AM	214200.000	59.601	16.884
137.617	1162.932	1376.289	0.695
0.936	859.896	0.999	14.814
12/10/2016 9:45:00 AM	215100.000	59.603	16.882
137.621	1163.193	1376.637	0.695
0.936	859.702	0.999	14.812
12/10/2016 10:00:00 AM	216000.000	59.602	16.881
137.618	1166.808	1380.949	0.698
0.939	857.039	0.999	14.814
12/10/2016 10:15:00 AM	216900.000	59.607	16.881
137.631	1163.077	1376.528	0.695
0.936	859.789	0.999	14.816
12/10/2016 10:30:00 AM	217800.000	59.608	16.881
137.632	1164.272	1377.940	0.696
0.937	858.906	0.999	14.814
12/10/2016 10:45:00 AM	218700.000	59.625	16.883
137.671	1164.177	1377.795	0.696
0.937	858.976	0.999	14.814
12/10/2016 11:00:00 AM	219600.000	59.610	16.882
137.637	1168.262	1382.649	0.699
0.940	855.972	0.999	14.811
12/10/2016 11:15:00 AM	220500.000	59.619	16.881
137.658	1165.306	1379.164	0.697
0.938	858.143	0.999	14.798
12/10/2016 11:30:00 AM	221400.000	59.631	16.881
137.686	1161.592	1374.788	0.694
0.935	860.887	0.999	14.800
12/10/2016 11:45:00 AM	222300.000	59.618	16.882
137.655	1168.375	1382.766	0.699
0.940	855.890	0.999	14.792
12/10/2016 12:00:00 PM	223200.000	59.615	16.882
137.650	1165.030	1378.833	0.697
0.938	858.347	0.999	14.791
12/10/2016 12:15:00 PM	224100.000	59.635	16.882
137.695	1168.092	1382.453	0.698
0.940	856.097	0.999	14.788
12/10/2016 12:30:00 PM	225000.000	59.621	16.882
137.664	1169.836	1384.498	0.700
0.941	854.821	0.999	14.783
12/10/2016 12:45:00 PM	225900.000	59.621	16.883
137.663	1164.915	1378.669	0.696
0.937	858.432	0.999	14.779
12/10/2016 1:00:00 PM	226800.000	59.623	16.882
137.667	1162.623	1375.980	0.695
0.936	860.124	0.999	14.778
12/10/2016 1:15:00 PM	227700.000	59.625	16.883
137.672	1161.371	1374.474	0.694
0.935	861.051	0.999	14.775
12/10/2016 1:30:00 PM	228600.000	59.640	16.883
137.707	1162.257	1375.514	0.695

0.935	860.395	0.999	14.778
12/10/2016 1:45:00 PM	229500.000	59.637	16.882
137.700	1160.799	1373.824	0.694
0.934	861.476	0.999	14.773
12/10/2016 2:00:00 PM	230400.000	59.648	16.883
137.724	1161.798	1374.964	0.694
0.935	860.734	0.999	14.766
12/10/2016 2:15:00 PM	231300.000	59.643	16.882
137.715	1160.657	1373.656	0.694
0.934	861.581	0.999	14.764
12/10/2016 2:30:00 PM	232200.000	59.645	16.883
137.719	1159.004	1371.654	0.693
0.933	862.810	0.999	14.765
12/10/2016 2:45:00 PM	233100.000	59.643	16.882
137.714	1160.262	1373.164	0.694
0.934	861.875	0.999	14.764
12/10/2016 3:00:00 PM	234000.000	59.627	16.883
137.677	1158.571	1371.132	0.692
0.932	863.133	0.999	14.766
12/10/2016 3:15:00 PM	234900.000	59.626	16.882
137.675	1159.958	1372.815	0.693
0.934	862.100	0.999	14.768
12/10/2016 3:30:00 PM	235800.000	59.629	16.881
137.681	1159.835	1372.689	0.693
0.933	862.191	0.999	14.768
12/10/2016 3:45:00 PM	236700.000	59.633	16.883
137.691	1158.344	1370.876	0.692
0.932	863.301	0.999	14.765
12/10/2016 4:00:00 PM	237600.000	59.628	16.883
137.680	1159.102	1371.769	0.693
0.933	862.737	0.999	14.772
12/10/2016 4:15:00 PM	238500.000	59.634	16.882
137.694	1160.472	1373.413	0.694
0.934	861.718	0.999	14.765
12/10/2016 4:30:00 PM	239400.000	59.634	16.883
137.692	1161.667	1374.816	0.694
0.935	860.832	0.999	14.763
12/10/2016 4:45:00 PM	240300.000	59.637	16.883
137.700	1160.774	1373.762	0.694
0.934	861.494	0.999	14.761
12/10/2016 5:00:00 PM	241200.000	59.631	16.882
137.685	1161.209	1374.310	0.694
0.935	861.171	0.999	14.772
12/10/2016 5:15:00 PM	242100.000	59.642	16.882
137.711	1160.448	1373.396	0.694
0.934	861.736	0.999	14.759
12/10/2016 5:30:00 PM	243000.000	59.629	16.882
137.681	1158.602	1371.203	0.693
0.932	863.109	0.999	14.769
12/10/2016 5:45:00 PM	243900.000	59.649	16.883
137.727	1161.035	1374.062	0.694
0.934	861.301	0.999	14.764
12/10/2016 6:00:00 PM	244800.000	59.635	16.883
137.694	1159.697	1372.488	0.693
0.933	862.294	0.999	14.766

12/10/2016 6:15:00 PM	245700.000	59.618	16.882
137.657	1161.078	1374.144	0.694
0.934	861.268	0.999	14.778
12/10/2016 6:30:00 PM	246600.000	59.632	16.885
137.688	1161.103	1374.094	0.694
0.934	861.250	0.999	14.767
12/10/2016 6:45:00 PM	247500.000	59.651	16.885
137.732	1160.755	1373.680	0.694
0.934	861.508	0.999	14.763
12/10/2016 7:00:00 PM	248400.000	59.633	16.883
137.692	1159.412	1372.139	0.693
0.933	862.506	0.999	14.772
12/10/2016 7:15:00 PM	249300.000	59.652	16.883
137.736	1160.039	1372.892	0.693
0.934	862.040	0.999	14.768
12/10/2016 7:30:00 PM	250200.000	59.632	16.882
137.689	1161.947	1375.180	0.695
0.935	860.625	0.999	14.773
12/10/2016 7:45:00 PM	251100.000	59.627	16.882
137.678	1161.233	1374.327	0.694
0.935	861.154	0.999	14.779
12/10/2016 8:00:00 PM	252000.000	59.628	16.882
137.678	1160.885	1373.910	0.694
0.934	861.412	0.999	14.782
12/10/2016 8:15:00 PM	252900.000	59.635	16.883
137.695	1162.714	1376.058	0.695
0.936	860.057	0.999	14.783
12/10/2016 8:30:00 PM	253800.000	59.652	16.882
137.734	1161.828	1375.021	0.695
0.935	860.713	0.999	14.779
12/10/2016 8:45:00 PM	254700.000	59.633	16.883
137.691	1160.158	1373.016	0.693
0.934	861.952	0.999	14.779
12/10/2016 9:00:00 PM	255600.000	59.634	16.883
137.692	1161.010	1374.031	0.694
0.934	861.319	0.999	14.779
12/10/2016 9:15:00 PM	256500.000	59.629	16.884
137.681	1162.640	1375.938	0.695
0.936	860.112	0.999	14.782
12/10/2016 9:30:00 PM	257400.000	59.629	16.881
137.682	1163.167	1376.659	0.695
0.936	859.722	0.999	14.785
12/10/2016 9:45:00 PM	258300.000	59.640	16.881
137.706	1164.640	1378.379	0.696
0.937	858.635	0.999	14.780
12/10/2016 10:00:00 PM	259200.000	59.632	16.881
137.688	1160.464	1373.454	0.694
0.934	861.725	0.999	14.789
12/10/2016 10:15:00 PM	260100.000	59.643	16.882
137.714	1161.542	1374.704	0.694
0.935	860.925	0.999	14.782
12/10/2016 10:30:00 PM	261000.000	59.641	16.883
137.710	1161.835	1375.021	0.695
0.935	860.707	0.999	14.789
12/10/2016 10:45:00 PM	261900.000	59.634	16.881

137.693	1161.577	1374.772	0.694
0.935	860.899	0.999	14.799
12/10/2016 11:00:00 PM	262800.000	59.640	16.882
137.706	1161.307	1374.409	0.694
0.935	861.099	0.999	14.797
12/10/2016 11:15:00 PM	263700.000	59.638	16.880
137.702	1160.384	1373.371	0.694
0.934	861.784	0.999	14.798
12/10/2016 11:30:00 PM	264600.000	59.636	16.882
137.698	1165.231	1379.045	0.697
0.938	858.199	0.999	14.799
12/10/2016 11:45:00 PM	265500.000	59.645	16.882
137.719	1162.143	1375.418	0.695
0.935	860.479	0.999	14.796
12/11/2016 12:00:00 AM	266400.000	59.656	16.882
137.744	1162.096	1375.343	0.695
0.935	860.514	0.999	14.801
12/11/2016 12:15:00 AM	267300.000	59.660	16.881
137.753	1161.623	1374.819	0.694
0.935	860.864	0.999	14.799
12/11/2016 12:30:00 AM	268200.000	59.644	16.883
137.716	1161.591	1374.724	0.694
0.935	860.888	0.999	14.797
12/11/2016 12:45:00 AM	269100.000	59.646	16.883
137.720	1162.317	1375.589	0.695
0.935	860.350	0.999	14.796
12/11/2016 1:00:00 AM	270000.000	59.648	16.882
137.725	1160.264	1373.189	0.694
0.934	861.872	0.999	14.798
12/11/2016 1:15:00 AM	270900.000	59.641	16.881
137.708	1159.370	1372.144	0.693
0.933	862.537	0.999	14.806
12/11/2016 1:30:00 AM	271800.000	59.648	16.882
137.725	1160.379	1373.314	0.694
0.934	861.787	0.999	14.802
12/11/2016 1:45:00 AM	272700.000	59.649	16.881
137.728	1161.488	1374.651	0.694
0.935	860.965	0.999	14.799
12/11/2016 2:00:00 AM	273600.000	59.651	16.881
137.732	1158.350	1370.953	0.692
0.932	863.297	0.999	14.803
12/11/2016 2:15:00 AM	274500.000	59.648	16.883
137.725	1160.720	1373.704	0.694
0.934	861.534	0.999	14.804
12/11/2016 2:30:00 AM	275400.000	59.643	16.882
137.713	1161.091	1374.153	0.694
0.934	861.259	0.999	14.811
12/11/2016 2:45:00 AM	276300.000	59.654	16.882
137.740	1163.202	1376.643	0.695
0.936	859.696	0.999	14.804
12/11/2016 3:00:00 AM	277200.000	59.654	16.881
137.739	1159.464	1372.269	0.693
0.933	862.468	0.999	14.805
12/11/2016 3:15:00 AM	278100.000	59.668	16.881
137.772	1164.282	1377.961	0.696

0.937	858.898	0.999	14.805
12/11/2016 3:30:00 AM	279000.000	59.676	16.881
137.791	1162.331	1375.657	0.695
0.935	860.340	0.999	14.799
12/11/2016 3:45:00 AM	279900.000	59.652	16.881
137.735	1160.010	1372.912	0.693
0.934	862.062	0.999	14.807
12/11/2016 4:00:00 AM	280800.000	59.656	16.881
137.745	1162.227	1375.520	0.695
0.935	860.417	0.999	14.804
12/11/2016 4:15:00 AM	281700.000	59.660	16.882
137.753	1162.536	1375.878	0.695
0.936	860.188	0.999	14.803
12/11/2016 4:30:00 AM	282600.000	59.665	16.882
137.765	1162.675	1376.042	0.695
0.936	860.086	0.999	14.800
12/11/2016 4:45:00 AM	283500.000	59.664	16.881
137.763	1161.904	1375.162	0.695
0.935	860.656	0.999	14.798
12/11/2016 5:00:00 AM	284400.000	59.684	16.882
137.808	1163.648	1377.182	0.696
0.936	859.367	0.999	14.802
12/11/2016 5:15:00 AM	285300.000	59.668	16.880
137.770	1159.813	1372.706	0.693
0.933	862.208	0.999	14.803
12/11/2016 5:30:00 AM	286200.000	59.667	16.881
137.768	1162.214	1375.518	0.695
0.935	860.427	0.999	14.810
12/11/2016 5:45:00 AM	287100.000	59.677	16.880
137.792	1160.921	1374.029	0.694
0.934	861.385	0.999	14.803
12/11/2016 6:00:00 AM	288000.000	59.669	16.881
137.775	1164.511	1378.254	0.696
0.937	858.729	0.999	14.809
12/11/2016 6:15:00 AM	288900.000	59.669	16.882
137.775	1165.617	1379.527	0.697
0.938	857.914	0.999	14.810
12/11/2016 6:30:00 AM	289800.000	59.674	16.882
137.786	1164.819	1378.563	0.696
0.937	858.503	0.999	14.811
12/11/2016 6:45:00 AM	290700.000	59.662	16.881
137.758	1162.470	1375.808	0.695
0.936	860.237	0.999	14.817
12/11/2016 7:00:00 AM	291600.000	59.672	16.882
137.780	1165.301	1379.155	0.697
0.938	858.147	0.999	14.812
12/11/2016 7:15:00 AM	292500.000	59.673	16.881
137.784	1163.468	1377.013	0.696
0.936	859.499	0.999	14.814
12/11/2016 7:30:00 AM	293400.000	59.674	16.880
137.786	1165.532	1379.473	0.697
0.938	857.977	0.999	14.815
12/11/2016 7:45:00 AM	294300.000	59.669	16.879
137.774	1160.683	1373.764	0.694
0.934	861.562	0.999	14.817

12/11/2016 8:00:00 AM	295200.000	59.677	16.881
137.793	1163.572	1377.117	0.696
0.936	859.423	0.999	14.810
12/11/2016 8:15:00 AM	296100.000	59.674	16.881
137.786	1164.622	1378.385	0.696
0.937	858.648	0.999	14.816
12/11/2016 8:30:00 AM	297000.000	59.681	16.882
137.800	1166.334	1380.378	0.697
0.939	857.387	0.999	14.816
12/11/2016 8:45:00 AM	297900.000	59.680	16.880
137.799	1164.666	1378.439	0.696
0.937	858.615	0.999	14.814
12/11/2016 9:00:00 AM	298800.000	59.678	16.882
137.794	1165.619	1379.529	0.697
0.938	857.913	0.999	14.820
12/11/2016 9:15:00 AM	299700.000	59.682	16.880
137.803	1164.551	1378.312	0.696
0.937	858.700	0.999	14.820
12/11/2016 9:30:00 AM	300600.000	59.691	16.881
137.825	1163.335	1376.862	0.695
0.936	859.597	0.999	14.826
12/11/2016 9:45:00 AM	301500.000	59.677	16.881
137.791	1161.034	1374.139	0.694
0.934	861.301	0.999	14.824
12/11/2016 10:00:00 AM	302400.000	59.694	16.882
137.831	1160.213	1373.133	0.694
0.934	861.911	0.999	14.822
12/11/2016 10:15:00 AM	303300.000	59.676	16.881
137.791	1160.786	1373.814	0.694
0.934	861.486	0.999	14.820
12/11/2016 10:30:00 AM	304200.000	59.678	16.882
137.795	1158.777	1371.406	0.693
0.933	862.979	0.999	14.818
12/11/2016 10:45:00 AM	305100.000	59.673	16.882
137.783	1158.260	1370.819	0.692
0.932	863.364	0.999	14.821
12/11/2016 11:00:00 AM	306000.000	59.674	16.882
137.786	1159.523	1372.311	0.693
0.933	862.424	0.999	14.818
12/11/2016 11:15:00 AM	306900.000	59.673	16.880
137.783	1159.391	1372.196	0.693
0.933	862.522	0.999	14.819
12/11/2016 11:30:00 AM	307800.000	59.694	16.881
137.831	1159.036	1371.754	0.693
0.933	862.786	0.999	14.812
12/11/2016 11:45:00 AM	308700.000	59.673	16.882
137.784	1158.340	1370.898	0.692
0.932	863.304	0.999	14.816
12/11/2016 12:00:00 PM	309600.000	59.668	16.882
137.772	1160.287	1373.208	0.694
0.934	861.856	0.999	14.816
12/11/2016 12:15:00 PM	310500.000	59.675	16.883
137.789	1159.868	1372.688	0.693
0.933	862.167	0.999	14.806
12/11/2016 12:30:00 PM	311400.000	59.674	16.882

137.785	1157.729	1370.174	0.692
0.932	863.760	0.999	14.806
12/11/2016 12:45:00 PM	312300.000	59.679	16.881
137.796	1158.154	1370.723	0.692
0.932	863.443	0.999	14.805
12/11/2016 1:00:00 PM	313200.000	59.700	16.883
137.845	1158.516	1371.071	0.692
0.932	863.173	0.999	14.799
12/11/2016 1:15:00 PM	314100.000	59.680	16.882
137.800	1158.694	1371.314	0.693
0.932	863.040	0.999	14.798
12/11/2016 1:30:00 PM	315000.000	59.682	16.882
137.804	1159.375	1372.118	0.693
0.933	862.534	0.999	14.800
12/11/2016 1:45:00 PM	315900.000	59.681	16.883
137.802	1158.430	1370.986	0.692
0.932	863.237	0.999	14.803
12/11/2016 2:00:00 PM	316800.000	59.689	16.881
137.819	1157.949	1370.465	0.692
0.932	863.596	0.999	14.799
12/11/2016 2:15:00 PM	317700.000	59.685	16.883
137.811	1160.056	1372.917	0.693
0.934	862.028	0.999	14.803
12/11/2016 2:30:00 PM	318600.000	59.688	16.882
137.817	1160.297	1373.216	0.694
0.934	861.848	0.999	14.807
12/11/2016 2:45:00 PM	319500.000	59.705	16.881
137.857	1158.586	1371.222	0.693
0.932	863.121	0.999	14.802
12/11/2016 3:00:00 PM	320400.000	59.685	16.881
137.812	1158.107	1370.671	0.692
0.932	863.478	0.999	14.809
12/11/2016 3:15:00 PM	321300.000	59.707	16.881
137.862	1158.204	1370.775	0.692
0.932	863.406	0.999	14.803
12/11/2016 3:30:00 PM	322200.000	59.690	16.881
137.822	1159.051	1371.767	0.693
0.933	862.775	0.999	14.804
12/11/2016 3:45:00 PM	323100.000	59.694	16.880
137.832	1159.419	1372.245	0.693
0.933	862.501	0.999	14.805
12/11/2016 4:00:00 PM	324000.000	59.697	16.879
137.839	1159.219	1372.022	0.693
0.933	862.650	0.999	14.802
12/11/2016 4:15:00 PM	324900.000	59.715	16.882
137.881	1160.913	1373.952	0.694
0.934	861.391	0.999	14.801
12/11/2016 4:30:00 PM	325800.000	59.699	16.883
137.844	1162.704	1376.050	0.695
0.936	860.064	0.999	14.799
12/11/2016 4:45:00 PM	326700.000	59.704	16.880
137.856	1160.490	1373.517	0.694
0.934	861.705	0.999	14.800
12/11/2016 5:00:00 PM	327600.000	59.702	16.882
137.851	1161.940	1375.177	0.695

0.935	860.630	0.999	14.797
12/11/2016 5:15:00 PM	328500.000	59.708	16.881
137.864	1161.298	1374.420	0.694
0.935	861.106	0.999	14.791
12/11/2016 5:30:00 PM	329400.000	59.709	16.881
137.865	1161.004	1374.081	0.694
0.934	861.323	0.999	14.794
12/11/2016 5:45:00 PM	330300.000	59.709	16.880
137.866	1161.954	1375.238	0.695
0.935	860.619	0.999	14.794
12/11/2016 6:00:00 PM	331200.000	59.709	16.880
137.866	1161.052	1374.187	0.694
0.934	861.287	0.999	14.797
12/11/2016 6:15:00 PM	332100.000	59.708	16.881
137.863	1159.403	1372.188	0.693
0.933	862.513	0.999	14.800
12/11/2016 6:30:00 PM	333000.000	59.707	16.881
137.862	1160.954	1374.043	0.694
0.934	861.360	0.999	14.800
12/11/2016 6:45:00 PM	333900.000	59.727	16.880
137.909	1160.447	1373.468	0.694
0.934	861.737	0.999	14.794
12/11/2016 7:00:00 PM	334800.000	59.714	16.882
137.878	1161.666	1374.840	0.694
0.935	860.833	0.999	14.791
12/11/2016 7:15:00 PM	335700.000	59.717	16.880
137.885	1160.919	1374.032	0.694
0.934	861.386	0.999	14.793
12/11/2016 7:30:00 PM	336600.000	59.708	16.881
137.864	1163.444	1376.990	0.696
0.936	859.517	0.999	14.799
12/11/2016 7:45:00 PM	337500.000	59.711	16.881
137.871	1161.723	1374.950	0.694
0.935	860.791	0.999	14.795
12/11/2016 8:00:00 PM	338400.000	59.718	16.880
137.886	1164.334	1378.054	0.696
0.937	858.860	0.999	14.792
12/11/2016 8:15:00 PM	339300.000	59.714	16.881
137.877	1160.526	1373.523	0.694
0.934	861.678	0.999	14.797
12/11/2016 8:30:00 PM	340200.000	59.709	16.881
137.866	1160.693	1373.718	0.694
0.934	861.554	0.999	14.798
12/11/2016 8:45:00 PM	341100.000	59.712	16.880
137.874	1160.679	1373.726	0.694
0.934	861.565	0.999	14.798
12/11/2016 9:00:00 PM	342000.000	59.720	16.880
137.892	1161.380	1374.559	0.694
0.935	861.044	0.999	14.790
12/11/2016 9:15:00 PM	342900.000	59.722	16.880
137.896	1158.118	1370.698	0.692
0.932	863.470	0.999	14.793
12/11/2016 9:30:00 PM	343800.000	59.718	16.882
137.886	1163.177	1376.625	0.695
0.936	859.714	0.999	14.795

12/11/2016 9:45:00 PM	344700.000	59.721	16.880
137.895	1160.099	1373.061	0.693
0.934	861.996	0.999	14.789
12/11/2016 10:00:00 PM	345600.000	59.719	16.879
137.890	1160.297	1373.309	0.694
0.934	861.848	0.999	14.794
12/11/2016 10:15:00 PM	346500.000	59.726	16.881
137.905	1160.169	1373.103	0.694
0.934	861.944	0.999	14.792
12/11/2016 10:30:00 PM	347400.000	59.731	16.881
137.916	1160.882	1373.955	0.694
0.934	861.414	0.999	14.791
12/11/2016 10:45:00 PM	348300.000	59.743	16.878
137.945	1164.835	1378.708	0.696
0.938	858.491	0.999	14.799
12/11/2016 11:00:00 PM	349200.000	59.726	16.879
137.907	1161.874	1375.175	0.695
0.935	860.679	0.999	14.795
12/11/2016 11:15:00 PM	350100.000	59.745	16.880
137.949	1159.578	1372.431	0.693
0.933	862.383	0.999	14.794
12/11/2016 11:30:00 PM	351000.000	59.723	16.880
137.899	1161.139	1374.289	0.694
0.935	861.224	0.999	14.797
12/11/2016 11:45:00 PM	351900.000	59.730	16.879
137.914	1160.493	1373.533	0.694
0.934	861.703	0.999	14.796
12/12/2016 12:00:00 AM	352800.000	59.728	16.881
137.910	1159.243	1371.994	0.693
0.933	862.632	0.999	14.791
12/12/2016 12:15:00 AM	353700.000	59.727	16.881
137.907	1161.808	1375.041	0.695
0.935	860.727	0.999	14.799
12/12/2016 12:30:00 AM	354600.000	59.730	16.880
137.915	1160.160	1373.106	0.694
0.934	861.950	0.999	14.790
12/12/2016 12:45:00 AM	355500.000	59.729	16.880
137.913	1159.042	1371.788	0.693
0.933	862.782	0.999	14.795
12/12/2016 1:00:00 AM	356400.000	59.731	16.881
137.918	1160.285	1373.227	0.694
0.934	861.857	0.999	14.798
12/12/2016 1:15:00 AM	357300.000	59.734	16.880
137.924	1158.820	1371.542	0.693
0.933	862.947	0.999	14.797
12/12/2016 1:30:00 AM	358200.000	59.735	16.880
137.927	1159.302	1372.090	0.693
0.933	862.588	0.999	14.794
12/12/2016 1:45:00 AM	359100.000	59.736	16.880
137.928	1161.815	1375.076	0.695
0.935	860.722	0.999	14.794
12/12/2016 2:00:00 AM	360000.000	59.741	16.880
137.940	1159.780	1372.667	0.693
0.933	862.232	0.999	14.790
12/12/2016 2:15:00 AM	360900.000	59.739	16.880

137.937	1159.474	1372.300	0.693
0.933	862.460	0.999	14.789
12/12/2016 2:30:00 AM	361800.000	59.741	16.881
137.939	1158.586	1371.238	0.693
0.932	863.121	0.999	14.797
12/12/2016 2:45:00 AM	362700.000	59.740	16.880
137.939	1160.065	1373.013	0.693
0.934	862.021	0.999	14.795
12/12/2016 3:00:00 AM	363600.000	59.748	16.879
137.956	1161.034	1374.192	0.694
0.934	861.301	0.999	14.795
12/12/2016 3:15:00 AM	364500.000	59.768	16.880
138.003	1162.569	1375.963	0.695
0.936	860.164	0.999	14.787
12/12/2016 3:30:00 AM	365400.000	59.744	16.879
137.948	1162.799	1376.271	0.695
0.936	859.994	0.999	14.793
12/12/2016 3:45:00 AM	366300.000	59.747	16.879
137.954	1160.322	1373.328	0.694
0.934	861.830	0.999	14.789
12/12/2016 4:00:00 AM	367200.000	59.769	16.879
138.006	1159.597	1372.481	0.693
0.933	862.369	0.999	14.787
12/12/2016 4:15:00 AM	368100.000	59.757	16.877
137.978	1160.310	1373.381	0.694
0.934	861.839	0.999	14.787
12/12/2016 4:30:00 AM	369000.000	59.752	16.879
137.966	1164.567	1378.379	0.696
0.937	858.689	0.999	14.790
12/12/2016 4:45:00 AM	369900.000	59.753	16.879
137.968	1163.398	1376.994	0.696
0.936	859.551	0.999	14.798
12/12/2016 5:00:00 AM	370800.000	59.756	16.879
137.974	1160.150	1373.130	0.694
0.934	861.957	0.999	14.788
12/12/2016 5:15:00 AM	371700.000	59.757	16.879
137.977	1164.660	1378.465	0.696
0.937	858.620	0.999	14.787
12/12/2016 5:30:00 AM	372600.000	59.765	16.880
137.995	1161.575	1374.792	0.694
0.935	860.900	0.999	14.786
12/12/2016 5:45:00 AM	373500.000	59.759	16.880
137.983	1163.136	1376.648	0.695
0.936	859.744	0.999	14.794
12/12/2016 6:00:00 AM	374400.000	59.777	16.878
138.023	1164.021	1377.745	0.696
0.937	859.091	0.999	14.794
12/12/2016 6:15:00 AM	375300.000	59.764	16.880
137.994	1164.902	1378.730	0.696
0.938	858.441	0.999	14.794
12/12/2016 6:30:00 AM	376200.000	59.769	16.879
138.004	1164.387	1378.150	0.696
0.937	858.821	0.999	14.792
12/12/2016 6:45:00 AM	377100.000	59.778	16.878
138.026	1161.851	1375.181	0.695

0.935	860.696	0.999	14.796
12/12/2016 7:00:00 AM	378000.000	59.766	16.880
137.997	1163.538	1377.118	0.696
0.936	859.448	0.999	14.797
12/12/2016 7:15:00 AM	378900.000	59.771	16.879
138.010	1166.624	1380.787	0.698
0.939	857.174	0.999	14.790
12/12/2016 7:30:00 AM	379800.000	59.767	16.879
138.000	1164.751	1378.601	0.696
0.937	858.552	0.999	14.796
12/12/2016 7:45:00 AM	380700.000	59.774	16.879
138.016	1163.196	1376.737	0.695
0.936	859.701	0.999	14.788
12/12/2016 8:00:00 AM	381600.000	59.768	16.878
138.003	1160.510	1373.591	0.694
0.934	861.690	0.999	14.794
12/12/2016 8:15:00 AM	382500.000	59.766	16.879
137.997	1159.777	1372.702	0.693
0.933	862.235	0.999	14.802
12/12/2016 8:30:00 AM	383400.000	59.769	16.879
138.004	1161.192	1374.368	0.694
0.935	861.184	0.999	14.801
12/12/2016 8:45:00 AM	384300.000	59.771	16.878
138.010	1162.964	1376.490	0.695
0.936	859.872	0.999	14.805
12/12/2016 9:00:00 AM	385200.000	59.769	16.879
138.005	1160.098	1373.065	0.693
0.934	861.996	0.999	14.808
12/12/2016 9:15:00 AM	386100.000	59.772	16.880
138.011	1159.275	1372.061	0.693
0.933	862.608	0.999	14.809
12/12/2016 9:30:00 AM	387000.000	59.768	16.880
138.002	1161.939	1375.236	0.695
0.935	860.631	0.999	14.811
12/12/2016 9:45:00 AM	387900.000	59.773	16.878
138.015	1161.123	1374.323	0.694
0.935	861.235	0.999	14.808
12/12/2016 10:00:00 AM	388800.000	59.766	16.879
137.997	1160.918	1374.058	0.694
0.934	861.388	0.999	14.816
12/12/2016 10:15:00 AM	389700.000	59.772	16.878
138.012	1159.876	1372.858	0.693
0.934	862.161	0.999	14.810
12/12/2016 10:30:00 AM	390600.000	59.765	16.878
137.995	1162.741	1376.229	0.695
0.936	860.037	0.999	14.812
12/12/2016 10:45:00 AM	391500.000	59.764	16.879
137.994	1162.337	1375.723	0.695
0.935	860.336	0.999	14.812
12/12/2016 11:00:00 AM	392400.000	59.768	16.878
138.002	1161.891	1375.224	0.695
0.935	860.666	0.999	14.811
12/12/2016 11:15:00 AM	393300.000	59.770	16.878
138.007	1162.255	1375.648	0.695
0.935	860.397	0.999	14.809

12/12/2016 11:30:00 AM	394200.000	59.777	16.880
138.023	1163.096	1376.587	0.695
0.936	859.774	0.999	14.799
12/12/2016 11:45:00 AM	395100.000	59.774	16.879
138.017	1161.059	1374.219	0.694
0.934	861.283	0.999	14.798
12/12/2016 12:00:00 PM	396000.000	59.768	16.878
138.002	1162.415	1375.846	0.695
0.936	860.278	0.999	14.794
12/12/2016 12:15:00 PM	396900.000	59.770	16.879
138.008	1161.703	1374.988	0.694
0.935	860.805	0.999	14.779
12/12/2016 12:30:00 PM	397800.000	59.756	16.879
137.975	1166.487	1380.652	0.697
0.939	857.275	0.999	14.785
12/12/2016 12:45:00 PM	398700.000	59.747	16.878
137.955	1164.457	1378.261	0.696
0.937	858.769	0.999	14.783
12/12/2016 1:00:00 PM	399600.000	59.742	16.878
137.943	1165.973	1380.070	0.697
0.938	857.653	0.999	14.777
12/12/2016 1:15:00 PM	400500.000	59.729	16.878
137.911	1163.206	1376.776	0.695
0.936	859.693	0.999	14.784
12/12/2016 1:30:00 PM	401400.000	59.728	16.878
137.911	1167.165	1381.462	0.698
0.939	856.777	0.999	14.774
12/12/2016 1:45:00 PM	402300.000	59.714	16.878
137.879	1165.830	1379.888	0.697
0.938	857.758	0.999	14.788
12/12/2016 2:00:00 PM	403200.000	59.714	16.878
137.877	1164.666	1378.527	0.696
0.937	858.615	0.999	14.783
12/12/2016 2:15:00 PM	404100.000	59.715	16.878
137.880	1166.135	1380.260	0.697
0.939	857.534	0.999	14.777
12/12/2016 2:30:00 PM	405000.000	59.703	16.878
137.852	1168.991	1383.621	0.699
0.941	855.439	0.999	14.781
12/12/2016 2:45:00 PM	405900.000	59.705	16.877
137.858	1166.805	1381.075	0.698
0.939	857.041	0.999	14.776
12/12/2016 3:00:00 PM	406800.000	59.705	16.878
137.858	1168.542	1383.093	0.699
0.941	855.767	0.999	14.779
12/12/2016 3:15:00 PM	407700.000	59.710	16.877
137.868	1166.657	1380.894	0.698
0.939	857.150	0.999	14.775
12/12/2016 3:30:00 PM	408600.000	59.707	16.878
137.861	1160.695	1373.823	0.694
0.934	861.553	0.999	14.778
12/12/2016 3:45:00 PM	409500.000	59.705	16.878
137.856	1163.697	1377.355	0.696
0.937	859.331	0.999	14.780
12/12/2016 4:00:00 PM	410400.000	59.710	16.878

137.869	1163.989	1377.706	0.696
0.937	859.115	0.999	14.776
12/12/2016 4:15:00 PM	411300.000	59.715	16.880
137.879	1165.282	1379.188	0.697
0.938	858.161	0.999	14.772
12/12/2016 4:30:00 PM	412200.000	59.714	16.877
137.879	1162.839	1376.369	0.695
0.936	859.964	0.999	14.773
12/12/2016 4:45:00 PM	413100.000	59.719	16.878
137.889	1164.318	1378.105	0.696
0.937	858.872	0.999	14.767
12/12/2016 5:00:00 PM	414000.000	59.729	16.878
137.912	1160.977	1374.141	0.694
0.934	861.344	0.999	14.766
12/12/2016 5:15:00 PM	414900.000	59.727	16.879
137.909	1164.204	1377.941	0.696
0.937	858.956	0.999	14.772
12/12/2016 5:30:00 PM	415800.000	59.727	16.878
137.908	1166.083	1380.179	0.697
0.939	857.572	0.999	14.777
12/12/2016 5:45:00 PM	416700.000	59.740	16.878
137.938	1163.301	1376.901	0.696
0.936	859.623	0.999	14.773
12/12/2016 6:00:00 PM	417600.000	59.754	16.880
137.971	1162.898	1376.372	0.695
0.936	859.920	0.999	14.779
12/12/2016 6:15:00 PM	418500.000	59.737	16.879
137.932	1159.113	1371.908	0.693
0.933	862.729	0.999	14.780
12/12/2016 6:30:00 PM	419400.000	59.745	16.879
137.950	1162.067	1375.407	0.695
0.935	860.535	0.999	14.775
12/12/2016 6:45:00 PM	420300.000	59.753	16.880
137.968	1163.025	1376.510	0.695
0.936	859.827	0.999	14.772
12/12/2016 7:00:00 PM	421200.000	59.750	16.879
137.961	1162.330	1375.726	0.695
0.935	860.341	0.999	14.772
12/12/2016 7:15:00 PM	422100.000	59.751	16.878
137.964	1165.505	1379.511	0.697
0.938	857.998	0.999	14.779
12/12/2016 7:30:00 PM	423000.000	59.756	16.879
137.975	1159.641	1372.549	0.693
0.933	862.336	0.999	14.779
12/12/2016 7:45:00 PM	423900.000	59.760	16.878
137.985	1159.870	1372.833	0.693
0.934	862.166	0.999	14.775
12/12/2016 8:00:00 PM	424800.000	59.765	16.878
137.995	1162.043	1375.398	0.695
0.935	860.553	0.999	14.778
12/12/2016 8:15:00 PM	425700.000	59.767	16.879
137.999	1160.056	1373.035	0.693
0.934	862.027	0.999	14.776
12/12/2016 8:30:00 PM	426600.000	59.787	16.878
138.046	1160.420	1373.488	0.694

0.934	861.757	0.999	14.771
12/12/2016 8:45:00 PM	427500.000	59.790	16.879
138.053	1162.393	1375.787	0.695
0.936	860.294	0.999	14.771
12/12/2016 9:00:00 PM	428400.000	59.768	16.877
138.003	1164.206	1377.995	0.696
0.937	858.955	0.999	14.779
12/12/2016 9:15:00 PM	429300.000	59.769	16.878
138.004	1164.230	1378.000	0.696
0.937	858.937	0.999	14.780
12/12/2016 9:30:00 PM	430200.000	59.773	16.879
138.015	1163.456	1377.067	0.696
0.936	859.508	0.999	14.775
12/12/2016 9:45:00 PM	431100.000	59.769	16.879
138.005	1163.900	1377.579	0.696
0.937	859.180	0.999	14.780
12/12/2016 10:00:00 PM	432000.000	59.790	16.879
138.053	1163.249	1376.818	0.695
0.936	859.661	0.999	14.781
12/12/2016 10:15:00 PM	432900.000	59.769	16.879
138.004	1162.449	1375.867	0.695
0.936	860.253	0.999	14.786
12/12/2016 10:30:00 PM	433800.000	59.795	16.880
138.065	1165.212	1379.089	0.697
0.938	858.213	0.999	14.775
12/12/2016 10:45:00 PM	434700.000	59.771	16.878
138.009	1163.473	1377.109	0.696
0.936	859.496	0.999	14.780
12/12/2016 11:00:00 PM	435600.000	59.776	16.878
138.022	1164.975	1378.868	0.697
0.938	858.387	0.999	14.782
12/12/2016 11:15:00 PM	436500.000	59.770	16.878
138.006	1162.216	1375.613	0.695
0.935	860.425	0.999	14.786
12/12/2016 11:30:00 PM	437400.000	59.781	16.878
138.033	1159.377	1372.242	0.693
0.933	862.532	0.999	14.772
12/12/2016 11:45:00 PM	438300.000	59.780	16.879
138.030	1156.710	1369.066	0.691
0.931	864.521	0.999	14.778
12/13/2016 12:00:00 AM	439200.000	59.775	16.879
138.018	1159.256	1372.077	0.693
0.933	862.622	0.999	14.786
12/13/2016 12:15:00 AM	440100.000	59.785	16.879
138.042	1158.277	1370.926	0.692
0.932	863.352	0.999	14.777
12/13/2016 12:30:00 AM	441000.000	59.778	16.881
138.025	1157.218	1369.606	0.692
0.931	864.141	0.999	14.784
12/13/2016 12:45:00 AM	441900.000	59.779	16.878
138.028	1156.278	1368.582	0.691
0.931	864.844	0.999	14.780
12/13/2016 1:00:00 AM	442800.000	59.785	16.879
138.042	1158.390	1371.044	0.692
0.932	863.267	0.999	14.777

12/13/2016 1:15:00 AM	443700.000	59.783	16.877
138.038	1158.106	1370.770	0.692
0.932	863.479	0.999	14.779
12/13/2016 1:30:00 AM	444600.000	59.788	16.879
138.048	1160.070	1373.033	0.693
0.934	862.017	0.999	14.782
12/13/2016 1:45:00 AM	445500.000	59.791	16.879
138.055	1160.036	1373.014	0.693
0.934	862.042	0.999	14.786
12/13/2016 2:00:00 AM	446400.000	59.789	16.879
138.052	1162.480	1375.912	0.695
0.936	860.230	0.999	14.789
12/13/2016 2:15:00 AM	447300.000	59.795	16.879
138.065	1163.472	1377.068	0.696
0.936	859.496	0.999	14.784
12/13/2016 2:30:00 AM	448200.000	59.789	16.877
138.050	1164.213	1378.007	0.696
0.937	858.949	0.999	14.786
12/13/2016 2:45:00 AM	449100.000	59.791	16.879
138.056	1158.203	1370.836	0.692
0.932	863.407	0.999	14.787
12/13/2016 3:00:00 AM	450000.000	59.794	16.878
138.062	1158.828	1371.603	0.693
0.933	862.941	0.999	14.790
12/13/2016 3:15:00 AM	450900.000	59.795	16.878
138.066	1160.583	1373.697	0.694
0.934	861.636	0.999	14.786
12/13/2016 3:30:00 AM	451800.000	59.819	16.879
138.120	1158.575	1371.290	0.693
0.932	863.129	0.999	14.783
12/13/2016 3:45:00 AM	452700.000	59.802	16.878
138.081	1160.609	1373.708	0.694
0.934	861.617	0.999	14.780
12/13/2016 4:00:00 AM	453600.000	59.804	16.877
138.085	1160.395	1373.490	0.694
0.934	861.776	0.999	14.780
12/13/2016 4:15:00 AM	454500.000	59.805	16.878
138.088	1160.611	1373.718	0.694
0.934	861.615	0.999	14.780
12/13/2016 4:30:00 AM	455400.000	59.806	16.878
138.090	1160.637	1373.755	0.694
0.934	861.596	0.999	14.774
12/13/2016 4:45:00 AM	456300.000	59.805	16.876
138.087	1159.310	1372.223	0.693
0.933	862.582	0.999	14.777
12/13/2016 5:00:00 AM	457200.000	59.829	16.878
138.144	1159.742	1372.702	0.693
0.933	862.261	0.999	14.775
12/13/2016 5:15:00 AM	458100.000	59.811	16.877
138.101	1163.989	1377.736	0.696
0.937	859.115	0.999	14.776
12/13/2016 5:30:00 AM	459000.000	59.812	16.878
138.104	1164.740	1378.618	0.696
0.937	858.561	0.999	14.776
12/13/2016 5:45:00 AM	459900.000	59.818	16.878

138.118	1166.781	1381.014	0.698
0.939	857.059	0.999	14.773
12/13/2016 6:00:00 AM	460800.000	59.807	16.879
138.092	1163.418	1377.006	0.696
0.936	859.536	0.999	14.779
12/13/2016 6:15:00 AM	461700.000	59.818	16.878
138.118	1161.286	1374.512	0.694
0.935	861.114	0.999	14.777
12/13/2016 6:30:00 AM	462600.000	59.815	16.878
138.111	1161.041	1374.217	0.694
0.934	861.296	0.999	14.784
12/13/2016 6:45:00 AM	463500.000	59.819	16.878
138.119	1160.682	1373.786	0.694
0.934	861.563	0.999	14.781
12/13/2016 7:00:00 AM	464400.000	59.820	16.877
138.122	1164.353	1378.181	0.696
0.937	858.846	0.999	14.785
12/13/2016 7:15:00 AM	465300.000	59.822	16.878
138.127	1163.851	1377.548	0.696
0.937	859.216	0.999	14.786
12/13/2016 7:30:00 AM	466200.000	59.825	16.878
138.135	1158.213	1370.872	0.692
0.932	863.399	0.999	14.782
12/13/2016 7:45:00 AM	467100.000	59.817	16.877
138.115	1159.069	1371.910	0.693
0.933	862.761	0.999	14.790
12/13/2016 8:00:00 AM	468000.000	59.827	16.878
138.138	1158.220	1370.892	0.692
0.932	863.394	0.999	14.791
12/13/2016 8:15:00 AM	468900.000	59.827	16.877
138.138	1164.694	1378.566	0.696
0.937	858.594	0.999	14.794
12/13/2016 8:30:00 AM	469800.000	59.831	16.877
138.148	1163.524	1377.194	0.696
0.936	859.458	0.999	14.795
12/13/2016 8:45:00 AM	470700.000	59.816	16.877
138.113	1165.501	1379.534	0.697
0.938	858.000	0.999	14.812
12/13/2016 9:00:00 AM	471600.000	59.826	16.877
138.136	1161.967	1375.340	0.695
0.935	860.610	0.999	14.798
12/13/2016 9:15:00 AM	472500.000	59.819	16.878
138.121	1160.896	1374.068	0.694
0.934	861.403	0.999	14.809
12/13/2016 9:30:00 AM	473400.000	59.819	16.878
138.121	1161.389	1374.629	0.694
0.935	861.038	0.999	14.810
12/13/2016 9:45:00 AM	474300.000	59.826	16.878
138.136	1163.516	1377.158	0.696
0.936	859.464	0.999	14.804
12/13/2016 10:00:00 AM	475200.000	59.816	16.878
138.113	1162.426	1375.854	0.695
0.936	860.270	0.999	14.811
12/13/2016 10:15:00 AM	476100.000	59.820	16.878
138.123	1161.410	1374.654	0.694

0.935	861.023	0.999	14.811
12/13/2016 10:30:00 AM	477000.000	59.824	16.878
138.131	1158.538	1371.271	0.693
0.932	863.157	0.999	14.807
12/13/2016 10:45:00 AM	477900.000	59.817	16.877
138.116	1160.835	1374.000	0.694
0.934	861.449	0.999	14.813
12/13/2016 11:00:00 AM	478800.000	59.812	16.879
138.104	1157.518	1370.028	0.692
0.932	863.918	0.999	14.810
12/13/2016 11:15:00 AM	479700.000	59.819	16.879
138.120	1158.907	1371.675	0.693
0.933	862.882	0.999	14.803
12/13/2016 11:30:00 AM	480600.000	59.834	16.878
138.155	1158.129	1370.787	0.692
0.932	863.461	0.999	14.803
12/13/2016 11:45:00 AM	481500.000	59.820	16.877
138.122	1157.808	1370.443	0.692
0.932	863.701	0.999	14.796
12/13/2016 12:00:00 PM	482400.000	59.815	16.878
138.110	1157.205	1369.688	0.692
0.931	864.151	0.999	14.797
12/13/2016 12:15:00 PM	483300.000	59.840	16.879
138.169	1158.473	1371.167	0.692
0.932	863.205	0.999	14.790
12/13/2016 12:30:00 PM	484200.000	59.820	16.877
138.123	1162.795	1376.318	0.695
0.936	859.997	0.999	14.783
12/13/2016 12:45:00 PM	485100.000	59.826	16.877
138.137	1162.570	1376.073	0.695
0.936	860.163	0.999	14.782
12/13/2016 1:00:00 PM	486000.000	59.824	16.878
138.131	1159.050	1371.871	0.693
0.933	862.776	0.999	14.779
12/13/2016 1:15:00 PM	486900.000	59.822	16.878
138.128	1160.263	1373.316	0.694
0.934	861.873	0.999	14.778
12/13/2016 1:30:00 PM	487800.000	59.825	16.879
138.135	1162.182	1375.545	0.695
0.935	860.451	0.999	14.780
12/13/2016 1:45:00 PM	488700.000	59.827	16.879
138.139	1161.745	1375.025	0.695
0.935	860.774	0.999	14.770
12/13/2016 2:00:00 PM	489600.000	59.830	16.875
138.146	1161.885	1375.314	0.695
0.935	860.670	0.999	14.766
12/13/2016 2:15:00 PM	490500.000	59.823	16.876
138.130	1161.395	1374.709	0.694
0.935	861.034	0.999	14.780
12/13/2016 2:30:00 PM	491400.000	59.820	16.878
138.123	1162.188	1375.591	0.695
0.935	860.446	0.999	14.778
12/13/2016 2:45:00 PM	492300.000	59.821	16.877
138.125	1159.826	1372.824	0.693
0.934	862.199	0.999	14.777

12/13/2016 3:00:00 PM	493200.000	59.819	16.877
138.120	1161.224	1374.471	0.694
0.935	861.161	0.999	14.776
12/13/2016 3:15:00 PM	494100.000	59.824	16.877
138.131	1158.510	1371.260	0.693
0.932	863.177	0.999	14.770
12/13/2016 3:30:00 PM	495000.000	59.819	16.876
138.121	1161.728	1375.085	0.695
0.935	860.787	0.999	14.769
12/13/2016 3:45:00 PM	495900.000	59.820	16.876
138.122	1160.633	1373.791	0.694
0.934	861.599	0.999	14.773
12/13/2016 4:00:00 PM	496800.000	59.818	16.877
138.119	1158.340	1371.058	0.692
0.932	863.305	0.999	14.771
12/13/2016 4:15:00 PM	497700.000	59.818	16.879
138.117	1158.935	1371.686	0.693
0.933	862.861	0.999	14.771
12/13/2016 4:30:00 PM	498600.000	59.814	16.875
138.110	1159.570	1372.566	0.693
0.933	862.388	0.999	14.769
12/13/2016 4:45:00 PM	499500.000	59.815	16.876
138.110	1160.151	1373.226	0.694
0.934	861.957	0.999	14.767
12/13/2016 5:00:00 PM	500400.000	59.816	16.877
138.113	1158.866	1371.670	0.693
0.933	862.912	0.999	14.766
12/13/2016 5:15:00 PM	501300.000	59.807	16.876
138.092	1158.418	1371.170	0.692
0.932	863.246	0.999	14.767
12/13/2016 5:30:00 PM	502200.000	59.813	16.879
138.106	1161.394	1374.618	0.694
0.935	861.034	0.999	14.761
12/13/2016 5:45:00 PM	503100.000	59.800	16.876
138.077	1158.172	1370.875	0.692
0.932	863.430	0.999	14.774
12/13/2016 6:00:00 PM	504000.000	59.804	16.877
138.085	1160.270	1373.332	0.694
0.934	861.868	0.999	14.771
12/13/2016 6:15:00 PM	504900.000	59.795	16.877
138.064	1156.988	1369.458	0.692
0.931	864.313	0.999	14.772
12/13/2016 6:30:00 PM	505800.000	59.794	16.877
138.061	1161.984	1375.357	0.695
0.935	860.597	0.999	14.775
12/13/2016 6:45:00 PM	506700.000	59.793	16.877
138.061	1156.099	1368.408	0.691
0.931	864.978	0.999	14.774
12/13/2016 7:00:00 PM	507600.000	59.788	16.878
138.050	1158.179	1370.841	0.692
0.932	863.424	0.999	14.774
12/13/2016 7:15:00 PM	508500.000	59.788	16.878
138.048	1159.112	1371.947	0.693
0.933	862.729	0.999	14.775
12/13/2016 7:30:00 PM	509400.000	59.790	16.876

138.053	1157.550	1370.153	0.692
0.932	863.894	0.999	14.768
12/13/2016 7:45:00 PM	510300.000	59.784	16.877
138.040	1160.314	1373.389	0.694
0.934	861.836	0.999	14.773
12/13/2016 8:00:00 PM	511200.000	59.781	16.877
138.033	1163.526	1377.200	0.696
0.936	859.456	0.999	14.777
12/13/2016 8:15:00 PM	512100.000	59.780	16.877
138.031	1163.165	1376.758	0.695
0.936	859.723	0.999	14.777
12/13/2016 8:30:00 PM	513000.000	59.780	16.878
138.030	1160.380	1373.454	0.694
0.934	861.787	0.999	14.777
12/13/2016 8:45:00 PM	513900.000	59.783	16.877
138.036	1160.777	1373.954	0.694
0.934	861.492	0.999	14.776
12/13/2016 9:00:00 PM	514800.000	59.772	16.878
138.011	1158.864	1371.662	0.693
0.933	862.914	0.999	14.781
12/13/2016 9:15:00 PM	515700.000	59.776	16.877
138.021	1161.107	1374.336	0.694
0.935	861.247	0.999	14.776
12/13/2016 9:30:00 PM	516600.000	59.778	16.878
138.027	1159.516	1372.412	0.693
0.933	862.429	0.999	14.777
12/13/2016 9:45:00 PM	517500.000	59.772	16.878
138.011	1158.130	1370.794	0.692
0.932	863.461	0.999	14.779
12/13/2016 10:00:00 PM	518400.000	59.770	16.877
138.008	1160.884	1374.059	0.694
0.934	861.412	0.999	14.780
12/13/2016 10:15:00 PM	519300.000	59.765	16.878
137.996	1157.672	1370.249	0.692
0.932	863.802	0.999	14.793
12/13/2016 10:30:00 PM	520200.000	59.767	16.877
138.001	1157.662	1370.242	0.692
0.932	863.810	0.999	14.786
12/13/2016 10:45:00 PM	521100.000	59.762	16.876
137.988	1160.543	1373.685	0.694
0.934	861.665	0.999	14.793
12/13/2016 11:00:00 PM	522000.000	59.767	16.878
138.001	1162.635	1376.126	0.695
0.936	860.115	0.999	14.785
12/13/2016 11:15:00 PM	522900.000	59.775	16.877
138.018	1161.868	1375.225	0.695
0.935	860.683	0.999	14.777
12/13/2016 11:30:00 PM	523800.000	59.770	16.877
138.007	1160.265	1373.347	0.694
0.934	861.872	0.999	14.785
12/13/2016 11:45:00 PM	524700.000	59.777	16.876
138.023	1159.557	1372.543	0.693
0.933	862.398	0.999	14.778
12/14/2016 12:00:00 AM	525600.000	59.759	16.879
137.983	1155.268	1367.347	0.690

0.930	865.600	0.999	14.787
12/14/2016 12:15:00 AM	526500.000	59.765	16.878
137.996	1158.418	1371.124	0.692
0.932	863.246	0.999	14.782
12/14/2016 12:30:00 AM	527400.000	59.758	16.878
137.979	1158.444	1371.146	0.692
0.932	863.227	0.999	14.784
12/14/2016 12:45:00 AM	528300.000	59.761	16.878
137.986	1154.886	1366.940	0.690
0.930	865.887	0.999	14.783
12/14/2016 1:00:00 AM	529200.000	59.769	16.878
138.005	1155.657	1367.856	0.691
0.930	865.308	0.999	14.776
12/14/2016 1:15:00 AM	530100.000	59.777	16.877
138.022	1156.441	1368.797	0.691
0.931	864.722	0.999	14.767
12/14/2016 1:30:00 AM	531000.000	59.772	16.877
138.013	1154.528	1366.540	0.690
0.929	866.155	0.999	14.775
12/14/2016 1:45:00 AM	531900.000	59.772	16.877
138.011	1154.673	1366.718	0.690
0.929	866.046	0.999	14.770
12/14/2016 2:00:00 AM	532800.000	59.770	16.878
138.007	1154.936	1367.001	0.690
0.930	865.849	0.999	14.776
12/14/2016 2:15:00 AM	533700.000	59.771	16.879
138.010	1155.899	1368.114	0.691
0.930	865.128	0.999	14.779
12/14/2016 2:30:00 AM	534600.000	59.781	16.879
138.033	1156.809	1369.176	0.691
0.931	864.447	0.999	14.779
12/14/2016 2:45:00 AM	535500.000	59.767	16.878
138.001	1154.936	1366.985	0.690
0.930	865.849	0.999	14.780
12/14/2016 3:00:00 AM	536400.000	59.773	16.878
138.013	1155.286	1367.410	0.690
0.930	865.587	0.999	14.779
12/14/2016 3:15:00 AM	537300.000	59.774	16.879
138.017	1156.714	1369.073	0.691
0.931	864.518	0.999	14.779
12/14/2016 3:30:00 AM	538200.000	59.769	16.878
138.005	1154.679	1366.682	0.690
0.929	866.041	0.999	14.783
12/14/2016 3:45:00 AM	539100.000	59.776	16.878
138.021	1155.570	1367.742	0.691
0.930	865.374	0.999	14.778
12/14/2016 4:00:00 AM	540000.000	59.787	16.876
138.045	1155.025	1367.156	0.690
0.930	865.782	0.999	14.767
12/14/2016 4:15:00 AM	540900.000	59.783	16.878
138.037	1155.668	1367.869	0.691
0.930	865.300	0.999	14.767
12/14/2016 4:30:00 AM	541800.000	59.784	16.877
138.039	1152.826	1364.531	0.689
0.928	867.434	0.999	14.763

12/14/2016 4:45:00 AM	542700.000	59.794	16.876
138.063	1153.779	1365.694	0.690
0.929	866.717	0.999	14.755
12/14/2016 5:00:00 AM	543600.000	59.790	16.878
138.052	1156.866	1369.276	0.691
0.931	864.404	0.999	14.757
12/14/2016 5:15:00 AM	544500.000	59.787	16.877
138.047	1156.816	1369.262	0.691
0.931	864.442	0.999	14.763
12/14/2016 5:30:00 AM	545400.000	59.792	16.876
138.058	1156.497	1368.893	0.691
0.931	864.680	0.999	14.758
12/14/2016 5:45:00 AM	546300.000	59.787	16.876
138.046	1154.630	1366.692	0.690
0.929	866.078	0.999	14.762
12/14/2016 6:00:00 AM	547200.000	59.789	16.878
138.051	1154.606	1366.614	0.690
0.929	866.096	0.999	14.763
12/14/2016 6:15:00 AM	548100.000	59.790	16.876
138.054	1154.373	1366.381	0.690
0.929	866.271	0.999	14.760
12/14/2016 6:30:00 AM	549000.000	59.792	16.876
138.058	1152.207	1363.815	0.689
0.927	867.900	0.999	14.759
12/14/2016 6:45:00 AM	549900.000	59.788	16.878
138.050	1154.610	1366.605	0.690
0.929	866.093	0.999	14.764
12/14/2016 7:00:00 AM	550800.000	59.791	16.876
138.055	1154.228	1366.218	0.690
0.929	866.380	0.999	14.765
12/14/2016 7:15:00 AM	551700.000	59.786	16.876
138.044	1155.547	1367.772	0.691
0.930	865.391	0.999	14.769
12/14/2016 7:30:00 AM	552600.000	59.799	16.877
138.075	1155.866	1368.116	0.691
0.930	865.152	0.999	14.760
12/14/2016 7:45:00 AM	553500.000	59.794	16.877
138.062	1156.137	1368.458	0.691
0.931	864.950	0.999	14.759
12/14/2016 8:00:00 AM	554400.000	59.801	16.878
138.079	1156.002	1368.250	0.691
0.930	865.051	0.999	14.755
12/14/2016 8:15:00 AM	555300.000	59.797	16.877
138.069	1156.317	1368.675	0.691
0.931	864.815	0.999	14.761
12/14/2016 8:30:00 AM	556200.000	59.793	16.876
138.061	1156.775	1369.238	0.691
0.931	864.473	0.999	14.764
12/14/2016 8:45:00 AM	557100.000	59.800	16.876
138.076	1156.702	1369.149	0.691
0.931	864.527	0.999	14.761
12/14/2016 9:00:00 AM	558000.000	59.807	16.879
138.092	1158.909	1371.686	0.693
0.933	862.880	0.999	14.757
12/14/2016 9:15:00 AM	558900.000	59.792	16.877

138.058	1156.553	1368.949	0.691
0.931	864.638	0.999	14.777
12/14/2016 9:30:00 AM	559800.000	59.795	16.876
138.065	1158.330	1371.071	0.692
0.932	863.312	0.999	14.773
12/14/2016 9:45:00 AM	560700.000	59.796	16.878
138.068	1157.376	1369.898	0.692
0.932	864.024	0.999	14.775
12/14/2016 10:00:00 AM	561600.000	59.798	16.878
138.073	1158.881	1371.669	0.693
0.933	862.901	0.999	14.770
12/14/2016 10:15:00 AM	562500.000	59.797	16.877
138.069	1159.139	1372.009	0.693
0.933	862.709	0.999	14.773
12/14/2016 10:30:00 AM	563400.000	59.804	16.878
138.086	1157.101	1369.567	0.692
0.931	864.229	0.999	14.769
12/14/2016 10:45:00 AM	564300.000	59.796	16.876
138.067	1156.366	1368.737	0.691
0.931	864.778	0.999	14.774
12/14/2016 11:00:00 AM	565200.000	59.801	16.877
138.078	1160.183	1373.248	0.694
0.934	861.933	0.999	14.769
12/14/2016 11:15:00 AM	566100.000	59.802	16.876
138.081	1158.229	1370.948	0.692
0.932	863.387	0.999	14.768
12/14/2016 11:30:00 AM	567000.000	59.799	16.877
138.073	1157.599	1370.195	0.692
0.932	863.857	0.999	14.768
12/14/2016 11:45:00 AM	567900.000	59.798	16.876
138.071	1157.197	1369.721	0.692
0.931	864.157	0.999	14.766
12/14/2016 12:00:00 PM	568800.000	59.808	16.876
138.096	1160.527	1373.666	0.694
0.934	861.677	0.999	14.756
12/14/2016 12:15:00 PM	569700.000	59.821	16.876
138.124	1161.011	1374.241	0.694
0.934	861.318	0.999	14.757
12/14/2016 12:30:00 PM	570600.000	59.812	16.878
138.105	1159.113	1371.958	0.693
0.933	862.728	0.999	14.749
12/14/2016 12:45:00 PM	571500.000	59.819	16.877
138.121	1155.951	1368.241	0.691
0.930	865.089	0.999	14.750
12/14/2016 1:00:00 PM	572400.000	59.805	16.876
138.089	1156.841	1369.303	0.691
0.931	864.423	0.999	14.750
12/14/2016 1:15:00 PM	573300.000	59.803	16.876
138.084	1160.079	1373.160	0.694
0.934	862.010	0.999	14.751
12/14/2016 1:30:00 PM	574200.000	59.801	16.875
138.078	1157.775	1370.438	0.692
0.932	863.726	0.999	14.750
12/14/2016 1:45:00 PM	575100.000	59.803	16.876
138.083	1156.928	1369.425	0.692

0.931	864.358	0.999	14.747
12/14/2016 2:00:00 PM	576000.000	59.801	16.876
138.080	1158.633	1371.448	0.693
0.933	863.086	0.999	14.742
12/14/2016 2:15:00 PM	576900.000	59.806	16.877
138.090	1158.901	1371.728	0.693
0.933	862.887	0.999	14.743
12/14/2016 2:30:00 PM	577800.000	59.801	16.877
138.079	1161.287	1374.546	0.694
0.935	861.114	0.999	14.747
12/14/2016 2:45:00 PM	578700.000	59.805	16.875
138.089	1158.236	1371.000	0.692
0.932	863.382	0.999	14.740
12/14/2016 3:00:00 PM	579600.000	59.808	16.877
138.096	1159.892	1372.909	0.693
0.934	862.149	0.999	14.747
12/14/2016 3:15:00 PM	580500.000	59.808	16.876
138.094	1162.430	1375.916	0.695
0.936	860.267	0.999	14.736
12/14/2016 3:30:00 PM	581400.000	59.799	16.877
138.075	1161.603	1374.906	0.694
0.935	860.879	0.999	14.742
12/14/2016 3:45:00 PM	582300.000	59.806	16.876
138.090	1162.952	1376.541	0.695
0.936	859.881	0.999	14.736
12/14/2016 4:00:00 PM	583200.000	59.807	16.876
138.093	1156.571	1368.997	0.691
0.931	864.625	0.999	14.731
12/14/2016 4:15:00 PM	584100.000	59.797	16.876
138.069	1156.083	1368.430	0.691
0.931	864.990	0.999	14.744
12/14/2016 4:30:00 PM	585000.000	59.800	16.876
138.077	1162.348	1375.835	0.695
0.936	860.328	0.999	14.739
12/14/2016 4:45:00 PM	585900.000	59.801	16.876
138.078	1162.207	1375.668	0.695
0.935	860.432	0.999	14.736
12/14/2016 5:00:00 PM	586800.000	59.797	16.877
138.070	1157.036	1369.510	0.692
0.931	864.277	0.999	14.738
12/14/2016 5:15:00 PM	587700.000	59.799	16.874
138.073	1154.156	1366.190	0.690
0.929	866.434	0.999	14.740
12/14/2016 5:30:00 PM	588600.000	59.800	16.876
138.076	1155.142	1367.302	0.690
0.930	865.695	0.999	14.740
12/14/2016 5:45:00 PM	589500.000	59.801	16.876
138.078	1154.514	1366.548	0.690
0.929	866.165	0.999	14.738
12/14/2016 6:00:00 PM	590400.000	59.799	16.876
138.074	1157.013	1369.530	0.692
0.931	864.295	0.999	14.741
12/14/2016 6:15:00 PM	591300.000	59.799	16.876
138.073	1154.606	1366.685	0.690
0.929	866.096	0.999	14.739

12/14/2016 6:30:00 PM	592200.000	59.799	16.876
138.074	1157.469	1370.044	0.692
0.932	863.954	0.999	14.737
12/14/2016 6:45:00 PM	593100.000	59.800	16.876
138.077	1157.226	1369.775	0.692
0.931	864.135	0.999	14.737
12/14/2016 7:00:00 PM	594000.000	59.797	16.875
138.069	1159.769	1372.813	0.693
0.934	862.240	0.999	14.736
12/14/2016 7:15:00 PM	594900.000	59.811	16.877
138.103	1160.327	1373.423	0.694
0.934	861.826	0.999	14.742
12/14/2016 7:30:00 PM	595800.000	59.800	16.876
138.077	1159.305	1372.221	0.693
0.933	862.586	0.999	14.732
12/14/2016 7:45:00 PM	596700.000	59.791	16.877
138.055	1157.657	1370.244	0.692
0.932	863.814	0.999	14.733
12/14/2016 8:00:00 PM	597600.000	59.797	16.876
138.070	1156.674	1369.119	0.691
0.931	864.548	0.999	14.730
12/14/2016 8:15:00 PM	598500.000	59.797	16.877
138.069	1157.945	1370.601	0.692
0.932	863.599	0.999	14.730
12/14/2016 8:30:00 PM	599400.000	59.789	16.877
138.052	1161.938	1375.330	0.695
0.935	860.631	0.999	14.735
12/14/2016 8:45:00 PM	600300.000	59.792	16.876
138.058	1159.108	1372.002	0.693
0.933	862.732	0.999	14.736
12/14/2016 9:00:00 PM	601200.000	59.787	16.875
138.045	1156.756	1369.235	0.691
0.931	864.487	0.999	14.746
12/14/2016 9:15:00 PM	602100.000	59.789	16.877
138.051	1161.107	1374.345	0.694
0.935	861.247	0.999	14.743
12/14/2016 9:30:00 PM	603000.000	59.789	16.876
138.051	1160.019	1373.075	0.693
0.934	862.055	0.999	14.743
12/14/2016 9:45:00 PM	603900.000	59.791	16.875
138.057	1157.846	1370.529	0.692
0.932	863.672	0.999	14.743
12/14/2016 10:00:00 PM	604800.000	59.789	16.877
138.050	1161.128	1374.353	0.694
0.935	861.231	0.999	14.744
12/14/2016 10:15:00 PM	605700.000	59.791	16.877
138.055	1158.595	1371.368	0.693
0.933	863.114	0.999	14.744
12/14/2016 10:30:00 PM	606600.000	59.790	16.875
138.054	1157.048	1369.580	0.692
0.931	864.269	0.999	14.738
12/14/2016 10:45:00 PM	607500.000	59.782	16.875
138.036	1153.508	1365.409	0.689
0.928	866.920	0.999	14.745
12/14/2016 11:00:00 PM	608400.000	59.779	16.877

138.027	1158.221	1370.909	0.692
0.932	863.393	0.999	14.742
12/14/2016 11:15:00 PM	609300.000	59.776	16.876
138.021	1156.158	1368.508	0.691
0.931	864.934	0.999	14.742
12/14/2016 11:30:00 PM	610200.000	59.778	16.876
138.026	1153.141	1364.926	0.689
0.928	867.196	0.999	14.741
12/14/2016 11:45:00 PM	611100.000	59.776	16.876
138.020	1156.115	1368.443	0.691
0.931	864.966	0.999	14.744

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	TEMPERAT	CONDUCTIVITY
12/8/2016	0:00:00	0	33.527	16	2076.8
12/8/2016	0:15:00	0	33.511	16	2076.8
12/8/2016	0:30:00	0	33.518	16	2076.8
12/8/2016	0:45:00	0	33.601	16	2076.8
12/8/2016	1:00:00	0	33.542	16	2078
12/8/2016	1:15:00	0	33.521	16	2078
12/8/2016	1:30:00	0	33.507	16	2076.8
12/8/2016	1:45:00	0	33.506	16	2078
12/8/2016	2:00:00	0	33.527	16	2076.8
12/8/2016	2:15:00	0	33.544	16	2076.8
12/8/2016	2:30:00	0	33.529	16	2078
12/8/2016	2:45:00	0	33.509	16	2078
12/8/2016	3:00:00	0	33.515	16	2076.8
12/8/2016	3:15:00	0	33.505	16	2076.8
12/8/2016	3:30:00	0	33.562	16	2076.8
12/8/2016	3:45:00	0	33.536	16	2076.8
12/8/2016	4:00:00	0	33.518	16	2078
12/8/2016	4:15:00	0	33.526	16	2076.8
12/8/2016	4:30:00	0	33.502	16	2078
12/8/2016	4:45:00	0	33.491	16	2078
12/8/2016	5:00:00	0	33.523	16	2078
12/8/2016	5:15:00	0	33.5	16	2078
12/8/2016	5:30:00	0	33.516	16	2076.8
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12/14/2016	15:00:00	0	33.59	16	2078
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12/14/2016	21:00:00	0	33.548	16	2079.2
12/14/2016	21:15:00	0	33.506	16	2079.2
12/14/2016	21:30:00	0	33.565	16	2078
12/14/2016	21:45:00	0	33.604	16	2078
12/14/2016	22:00:00	0	33.581	16	2079.2
12/14/2016	22:15:00	0	33.56	16	2079.2
12/14/2016	22:30:00	0	33.549	16	2078
12/14/2016	22:45:00	0	33.533	16	2079.2
12/14/2016	23:00:00	0	33.539	16	2079.2
12/14/2016	23:15:00	0	33.56	16	2078
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Report Date: 12/19/2016 10:29:45 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-7D LT Test_2016-12-15_11-59-26-874-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/2/2016 4:38:03 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 4:41:45 PM	Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 4:46:33 PM	Device Taken Offline
3/2/2016 4:47:43 PM	Conductivity calibration. Sensor SN: 441205 Cell Constant: 1.00383 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 4:55:15 PM	Device Put Online
3/2/2016 4:55:16 PM	Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 5:20:15 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 5:22:21 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51:10 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39:34 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 1:42:42 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43:49 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40:58 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42:35 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52:02 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43:29 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15:04 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24:15 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54:58 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58:24 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29:21 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31:21 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42:54 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04:00 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23:38 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval -

Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43:17 AM Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06:16 AM Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 4:05:51 PM Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM
7/21/2016 4:36:32 PM Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
7/28/2016 5:24:58 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 8:30:49 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
8/11/2016 11:13:54 AM Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
8/18/2016 2:35:47 PM Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
8/25/2016 1:14:03 PM Log Download - Used Battery: 10% Used Memory: 21% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 9:47:35 AM Log Download - Used Battery: 10% Used Memory: 21% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 9:45:00 AM
9/8/2016 5:38:52 PM Log Download - Used Battery: 10% Used Memory: 23% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:09:51 PM Log Download - Used Battery: 11% Used Memory: 23% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 1:45:00 PM
9/22/2016 10:58:41 AM Log Download - Used Battery: 11% Used Memory: 25% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 11:45:00 AM
10/1/2016 9:57:51 AM Log Download - Used Battery: 12% Used Memory: 26% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:45:00 AM
10/7/2016 4:10:25 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 3:34:22 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:15:00 PM
10/20/2016 3:02:32 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 3:00:00 PM
10/27/2016 3:01:14 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:45:00 PM
11/3/2016 2:39:34 PM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:30:00 PM
11/10/2016 4:31:07 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 4:30:00 PM
11/17/2016 1:57:16 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:13:29 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 11:30:00 AM
12/1/2016 4:01:50 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:45:00 PM
12/9/2016 10:31:21 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:30:00 AM
12/15/2016 11:57:20 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:45:00 AM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 727
Sensors: 2
1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc
	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	117.218	19.236	267.175	34519.328	38789.832	24.913	26.377	28.969	1.017	14.776
12/8/2016 12:15:00 AM	8100.000	117.204	19.235	267.143	34528.625	38800.719	24.921	26.384	28.961	1.017	14.783
12/8/2016 12:30:00 AM	9000.000	117.197	19.236	267.128	34514.785	38784.875	24.910	26.374	28.973	1.017	14.783
12/8/2016 12:45:00 AM	9900.000	117.209	19.236	267.156	34530.559	38802.668	24.922	26.386	28.960	1.017	14.771
12/8/2016 1:00:00 AM	10800.000	117.205	19.237	267.147	34522.234	38792.383	24.915	26.379	28.967	1.017	14.774
12/8/2016 1:15:00 AM	11700.000	117.211	19.237	267.161	34516.219	38785.754	24.910	26.374	28.972	1.017	14.774
12/8/2016 1:30:00 AM	12600.000	117.208	19.236	267.153	34502.492	38771.129	24.900	26.364	28.983	1.017	14.771
12/8/2016 1:45:00 AM	13500.000	117.212	19.237	267.163	34515.867	38785.434	24.910	26.374	28.972	1.017	14.769
12/8/2016 2:00:00 AM	14400.000	117.214	19.236	267.167	34540.484	38813.754	24.930	26.393	28.952	1.017	14.768
12/8/2016 2:15:00 AM	15300.000	117.211	19.236								

267.159	34516.793	38786.910	24.911
26.375	28.971	1.017	14.766
12/8/2016 2:30:00 AM	16200.000	117.215	19.235
267.169	34524.363	38796.215	24.918
26.381	28.965	1.017	14.772
12/8/2016 2:45:00 AM	17100.000	117.223	19.236
267.187	34538.613	38811.074	24.928
26.392	28.953	1.017	14.770
12/8/2016 3:00:00 AM	18000.000	117.225	19.236
267.193	34558.348	38833.680	24.944
26.407	28.937	1.017	14.765
12/8/2016 3:15:00 AM	18900.000	117.233	19.237
267.210	34542.797	38815.621	24.932
26.395	28.950	1.017	14.765
12/8/2016 3:30:00 AM	19800.000	117.245	19.236
267.237	34528.090	38799.316	24.920
26.384	28.962	1.017	14.761
12/8/2016 3:45:00 AM	20700.000	117.256	19.236
267.264	34519.934	38790.227	24.914
26.377	28.969	1.017	14.757
12/8/2016 4:00:00 AM	21600.000	117.252	19.236
267.255	34541.617	38815.094	24.931
26.394	28.951	1.017	14.767
12/8/2016 4:15:00 AM	22500.000	117.264	19.236
267.281	34522.672	38793.516	24.916
26.380	28.966	1.017	14.760
12/8/2016 4:30:00 AM	23400.000	117.281	19.236
267.319	34526.348	38797.359	24.919
26.382	28.963	1.017	14.760
12/8/2016 4:45:00 AM	24300.000	117.286	19.236
267.331	34524.355	38795.406	24.917
26.381	28.965	1.017	14.763
12/8/2016 5:00:00 AM	25200.000	117.288	19.236
267.336	34529.344	38801.090	24.921
26.385	28.961	1.017	14.762
12/8/2016 5:15:00 AM	26100.000	117.305	19.236
267.374	34516.813	38787.008	24.911
26.375	28.971	1.017	14.757
12/8/2016 5:30:00 AM	27000.000	117.289	19.237
267.338	34520.496	38790.563	24.914
26.378	28.968	1.017	14.769
12/8/2016 5:45:00 AM	27900.000	117.305	19.236
267.374	34526.734	38798.082	24.919
26.383	28.963	1.017	14.770
12/8/2016 6:00:00 AM	28800.000	117.319	19.236
267.405	34549.234	38823.656	24.937
26.400	28.944	1.017	14.770
12/8/2016 6:15:00 AM	29700.000	117.328	19.236
267.426	34544.512	38818.430	24.934
26.397	28.948	1.017	14.766
12/8/2016 6:30:00 AM	30600.000	117.328	19.235
267.427	34514.516	38784.863	24.910
26.374	28.973	1.017	14.779
12/8/2016 6:45:00 AM	31500.000	117.340	19.236

267.454	34544.781	38818.512	24.934
26.397	28.948	1.017	14.770
12/8/2016 7:00:00 AM	32400.000	117.339	19.236
267.452	34530.367	38802.027	24.922
26.385	28.960	1.017	14.778
12/8/2016 7:15:00 AM	33300.000	117.334	19.238
267.440	34515.262	38783.879	24.909
26.373	28.973	1.017	14.782
12/8/2016 7:30:00 AM	34200.000	117.355	19.236
267.488	34525.395	38796.219	24.918
26.381	28.964	1.017	14.773
12/8/2016 7:45:00 AM	35100.000	117.357	19.236
267.492	34513.129	38782.656	24.908
26.372	28.974	1.017	14.779
12/8/2016 8:00:00 AM	36000.000	117.350	19.236
267.476	34539.426	38812.277	24.929
26.392	28.952	1.017	14.783
12/8/2016 8:15:00 AM	36900.000	117.345	19.236
267.465	34534.184	38806.453	24.925
26.388	28.957	1.017	14.782
12/8/2016 8:30:00 AM	37800.000	117.355	19.236
267.489	34537.211	38809.789	24.927
26.391	28.954	1.017	14.787
12/8/2016 8:45:00 AM	38700.000	117.358	19.236
267.496	34533.645	38805.559	24.924
26.388	28.957	1.017	14.793
12/8/2016 9:00:00 AM	39600.000	117.348	19.237
267.472	34542.945	38815.789	24.932
26.395	28.949	1.017	14.795
12/8/2016 9:15:00 AM	40500.000	117.354	19.236
267.486	34542.352	38816.004	24.932
26.395	28.950	1.017	14.797
12/8/2016 9:30:00 AM	41400.000	117.362	19.236
267.504	34526.746	38797.957	24.919
26.383	28.963	1.017	14.798
12/8/2016 9:45:00 AM	42300.000	117.345	19.236
267.466	34537.848	38810.504	24.928
26.391	28.954	1.017	14.809
12/8/2016 10:00:00 AM	43200.000	117.345	19.236
267.465	34523.996	38794.938	24.917
26.381	28.965	1.017	14.814
12/8/2016 10:15:00 AM	44100.000	117.351	19.237
267.479	34542.895	38815.730	24.932
26.395	28.950	1.017	14.809
12/8/2016 10:30:00 AM	45000.000	117.348	19.236
267.473	34527.332	38798.688	24.920
26.383	28.963	1.017	14.803
12/8/2016 10:45:00 AM	45900.000	117.340	19.236
267.454	34529.270	38800.930	24.921
26.385	28.961	1.017	14.808
12/8/2016 11:00:00 AM	46800.000	117.345	19.236
267.466	34542.109	38815.359	24.931
26.394	28.950	1.017	14.812
12/8/2016 11:15:00 AM	47700.000	117.343	19.236

267.461	34528.039	38799.836	24.920
26.384	28.962	1.017	14.803
12/8/2016 11:30:00 AM	48600.000	117.342	19.236
267.459	34533.438	38805.328	24.924
26.388	28.957	1.017	14.796
12/8/2016 11:45:00 AM	49500.000	117.339	19.236
267.451	34523.652	38794.770	24.917
26.380	28.966	1.017	14.799
12/8/2016 12:00:00 PM	50400.000	117.337	19.236
267.448	34544.684	38817.965	24.933
26.396	28.948	1.017	14.792
12/8/2016 12:15:00 PM	51300.000	117.344	19.236
267.464	34543.770	38817.445	24.933
26.396	28.949	1.017	14.790
12/8/2016 12:30:00 PM	52200.000	117.337	19.236
267.447	34540.305	38813.480	24.930
26.393	28.952	1.017	14.791
12/8/2016 12:45:00 PM	53100.000	117.331	19.236
267.432	34534.914	38807.645	24.926
26.389	28.956	1.017	14.798
12/8/2016 1:00:00 PM	54000.000	117.329	19.236
267.428	34526.570	38798.188	24.919
26.383	28.963	1.017	14.792
12/8/2016 1:15:00 PM	54900.000	117.322	19.237
267.414	34520.039	38790.047	24.913
26.377	28.969	1.017	14.796
12/8/2016 1:30:00 PM	55800.000	117.319	19.237
267.407	34514.957	38783.980	24.909
26.373	28.973	1.017	14.796
12/8/2016 1:45:00 PM	56700.000	117.324	19.237
267.417	34550.801	38824.402	24.938
26.401	28.943	1.017	14.796
12/8/2016 2:00:00 PM	57600.000	117.330	19.236
267.431	34525.648	38796.859	24.918
26.382	28.964	1.017	14.796
12/8/2016 2:15:00 PM	58500.000	117.321	19.237
267.411	34519.504	38789.523	24.913
26.377	28.969	1.017	14.797
12/8/2016 2:30:00 PM	59400.000	117.327	19.236
267.424	34538.461	38811.191	24.928
26.392	28.953	1.017	14.799
12/8/2016 2:45:00 PM	60300.000	117.314	19.236
267.395	34527.844	38799.617	24.920
26.384	28.962	1.017	14.804
12/8/2016 3:00:00 PM	61200.000	117.321	19.237
267.411	34524.707	38795.160	24.917
26.381	28.965	1.017	14.795
12/8/2016 3:15:00 PM	62100.000	117.314	19.236
267.395	34542.203	38815.176	24.931
26.394	28.950	1.017	14.805
12/8/2016 3:30:00 PM	63000.000	117.327	19.236
267.425	34514.605	38784.449	24.909
26.373	28.973	1.017	14.798
12/8/2016 3:45:00 PM	63900.000	117.335	19.236

267.443	34521.031	38791.316	24.914
26.378	28.968	1.017	14.798
12/8/2016 4:00:00 PM	64800.000	117.328	19.236
267.426	34539.762	38812.508	24.929
26.393	28.952	1.017	14.806
12/8/2016 4:15:00 PM	65700.000	117.334	19.237
267.440	34528.984	38799.891	24.920
26.384	28.961	1.017	14.804
12/8/2016 4:30:00 PM	66600.000	117.336	19.236
267.445	34555.609	38830.820	24.942
26.405	28.939	1.017	14.805
12/8/2016 4:45:00 PM	67500.000	117.353	19.236
267.484	34538.238	38810.797	24.928
26.391	28.953	1.017	14.795
12/8/2016 5:00:00 PM	68400.000	117.355	19.237
267.489	34532.715	38804.223	24.924
26.387	28.958	1.017	14.811
12/8/2016 5:15:00 PM	69300.000	117.350	19.237
267.477	34544.863	38817.871	24.933
26.396	28.948	1.017	14.805
12/8/2016 5:30:00 PM	70200.000	117.349	19.236
267.474	34542.379	38815.523	24.932
26.395	28.950	1.017	14.797
12/8/2016 5:45:00 PM	71100.000	117.354	19.237
267.487	34514.145	38783.500	24.909
26.373	28.974	1.017	14.808
12/8/2016 6:00:00 PM	72000.000	117.350	19.236
267.477	34521.051	38791.559	24.915
26.378	28.968	1.017	14.808
12/8/2016 6:15:00 PM	72900.000	117.368	19.237
267.518	34522.480	38792.723	24.915
26.379	28.967	1.017	14.807
12/8/2016 6:30:00 PM	73800.000	117.364	19.235
267.508	34554.324	38829.598	24.942
26.404	28.940	1.017	14.815
12/8/2016 6:45:00 PM	74700.000	117.376	19.236
267.536	34514.824	38784.773	24.910
26.374	28.973	1.017	14.811
12/8/2016 7:00:00 PM	75600.000	117.372	19.237
267.526	34532.641	38804.074	24.923
26.387	28.958	1.017	14.812
12/8/2016 7:15:00 PM	76500.000	117.374	19.237
267.531	34544.383	38817.332	24.933
26.396	28.948	1.017	14.810
12/8/2016 7:30:00 PM	77400.000	117.372	19.237
267.528	34540.770	38813.211	24.930
26.393	28.951	1.017	14.815
12/8/2016 7:45:00 PM	78300.000	117.365	19.236
267.512	34517.070	38787.297	24.911
26.375	28.971	1.017	14.818
12/8/2016 8:00:00 PM	79200.000	117.366	19.236
267.513	34536.328	38808.504	24.927
26.390	28.955	1.017	14.818
12/8/2016 8:15:00 PM	80100.000	117.366	19.237

267.514	34515.832	38785.188	24.910
26.374	28.972	1.017	14.827
12/8/2016 8:30:00 PM	81000.000	117.364	19.235
267.509	34524.758	38796.809	24.918
26.382	28.965	1.017	14.826
12/8/2016 8:45:00 PM	81900.000	117.370	19.236
267.523	34522.969	38793.637	24.916
26.380	28.966	1.017	14.826
12/8/2016 9:00:00 PM	82800.000	117.364	19.236
267.508	34544.438	38817.840	24.933
26.396	28.948	1.017	14.829
12/8/2016 9:15:00 PM	83700.000	117.358	19.236
267.495	34545.090	38818.859	24.934
26.397	28.948	1.017	14.828
12/8/2016 9:30:00 PM	84600.000	117.371	19.236
267.524	34520.945	38791.363	24.914
26.378	28.968	1.017	14.825
12/8/2016 9:45:00 PM	85500.000	117.352	19.237
267.482	34530.980	38802.133	24.922
26.385	28.960	1.017	14.838
12/8/2016 10:00:00 PM	86400.000	117.350	19.237
267.477	34519.352	38789.145	24.913
26.377	28.969	1.017	14.830
12/8/2016 10:15:00 PM	87300.000	117.341	19.236
267.457	34547.258	38821.434	24.936
26.399	28.946	1.017	14.838
12/8/2016 10:30:00 PM	88200.000	117.343	19.235
267.461	34529.594	38801.809	24.922
26.385	28.961	1.017	14.840
12/8/2016 10:45:00 PM	89100.000	117.335	19.236
267.442	34526.270	38797.492	24.919
26.382	28.963	1.017	14.835
12/8/2016 11:00:00 PM	90000.000	117.341	19.236
267.456	34524.285	38795.262	24.917
26.381	28.965	1.017	14.836
12/8/2016 11:15:00 PM	90900.000	117.326	19.236
267.423	34536.039	38808.402	24.926
26.390	28.955	1.017	14.841
12/8/2016 11:30:00 PM	91800.000	117.332	19.236
267.435	34538.395	38810.828	24.928
26.391	28.953	1.017	14.837
12/8/2016 11:45:00 PM	92700.000	117.327	19.236
267.424	34529.848	38801.223	24.921
26.385	28.960	1.017	14.836
12/9/2016 12:00:00 AM	93600.000	117.313	19.236
267.393	34511.063	38780.113	24.906
26.370	28.976	1.017	14.835
12/9/2016 12:15:00 AM	94500.000	117.319	19.237
267.407	34536.328	38808.426	24.927
26.390	28.955	1.017	14.840
12/9/2016 12:30:00 AM	95400.000	117.323	19.236
267.415	34528.688	38800.066	24.921
26.384	28.961	1.017	14.831
12/9/2016 12:45:00 AM	96300.000	117.312	19.236

267.391	34524.559	38795.570	24.917
26.381	28.965	1.017	14.836
12/9/2016 1:00:00 AM	97200.000	117.309	19.236
267.382	34539.961	38813.234	24.930
26.393	28.952	1.017	14.838
12/9/2016 1:15:00 AM	98100.000	117.348	19.237
267.471	34517.605	38787.242	24.911
26.375	28.971	1.017	14.839
12/9/2016 1:30:00 AM	99000.000	117.312	19.237
267.391	34525.137	38795.707	24.917
26.381	28.964	1.017	14.839
12/9/2016 1:45:00 AM	99900.000	117.316	19.237
267.400	34523.609	38794.059	24.916
26.380	28.966	1.017	14.842
12/9/2016 2:00:00 AM	100800.000	117.313	19.236
267.394	34530.176	38802.023	24.922
26.385	28.960	1.017	14.843
12/9/2016 2:15:00 AM	101700.000	117.320	19.236
267.408	34526.648	38797.984	24.919
26.383	28.963	1.017	14.839
12/9/2016 2:30:00 AM	102600.000	117.317	19.236
267.402	34540.203	38813.289	24.930
26.393	28.952	1.017	14.837
12/9/2016 2:45:00 AM	103500.000	117.323	19.235
267.414	34520.672	38791.781	24.915
26.378	28.968	1.017	14.837
12/9/2016 3:00:00 AM	104400.000	117.326	19.236
267.423	34543.777	38817.453	24.933
26.396	28.949	1.017	14.833
12/9/2016 3:15:00 AM	105300.000	117.348	19.237
267.472	34529.578	38800.844	24.921
26.385	28.961	1.017	14.828
12/9/2016 3:30:00 AM	106200.000	117.343	19.237
267.461	34535.398	38807.383	24.926
26.389	28.956	1.017	14.834
12/9/2016 3:45:00 AM	107100.000	117.355	19.236
267.488	34512.070	38781.676	24.907
26.372	28.975	1.017	14.832
12/9/2016 4:00:00 AM	108000.000	117.360	19.237
267.499	34523.824	38794.230	24.916
26.380	28.966	1.017	14.830
12/9/2016 4:15:00 AM	108900.000	117.360	19.237
267.500	34521.730	38791.949	24.915
26.379	28.967	1.017	14.836
12/9/2016 4:30:00 AM	109800.000	117.369	19.237
267.521	34546.594	38819.602	24.934
26.397	28.946	1.017	14.832
12/9/2016 4:45:00 AM	110700.000	117.380	19.237
267.545	34548.461	38821.773	24.936
26.399	28.945	1.017	14.837
12/9/2016 5:00:00 AM	111600.000	117.426	19.237
267.650	34554.906	38829.016	24.941
26.404	28.939	1.017	14.832
12/9/2016 5:15:00 AM	112500.000	117.405	19.237

267.603	34525.879	38796.539	24.918
26.382	28.964	1.017	14.833
12/9/2016 5:30:00 AM	113400.000	117.414	19.237
267.624	34537.945	38810.035	24.928
26.391	28.954	1.017	14.834
12/9/2016 5:45:00 AM	114300.000	117.413	19.237
267.620	34522.973	38793.344	24.916
26.379	28.966	1.017	14.840
12/9/2016 6:00:00 AM	115200.000	117.428	19.236
267.655	34548.992	38823.094	24.937
26.400	28.944	1.017	14.841
12/9/2016 6:15:00 AM	116100.000	117.439	19.237
267.679	34530.371	38801.734	24.922
26.385	28.960	1.017	14.844
12/9/2016 6:30:00 AM	117000.000	117.433	19.237
267.667	34547.344	38820.520	24.935
26.398	28.946	1.017	14.848
12/9/2016 6:45:00 AM	117900.000	117.457	19.237
267.722	34519.063	38788.879	24.913
26.376	28.970	1.017	14.845
12/9/2016 7:00:00 AM	118800.000	117.456	19.237
267.718	34537.813	38810.020	24.928
26.391	28.954	1.017	14.840
12/9/2016 7:15:00 AM	119700.000	117.468	19.237
267.745	34532.211	38803.801	24.923
26.387	28.958	1.017	14.838
12/9/2016 7:30:00 AM	120600.000	117.469	19.237
267.747	34555.230	38829.383	24.941
26.404	28.939	1.017	14.843
12/9/2016 7:45:00 AM	121500.000	117.470	19.237
267.750	34534.215	38805.977	24.925
26.388	28.957	1.017	14.850
12/9/2016 8:00:00 AM	122400.000	117.467	19.237
267.743	34542.945	38815.500	24.932
26.395	28.949	1.017	14.853
12/9/2016 8:15:00 AM	123300.000	117.474	19.236
267.760	34533.516	38805.699	24.925
26.388	28.957	1.017	14.860
12/9/2016 8:30:00 AM	124200.000	117.484	19.236
267.782	34537.516	38810.270	24.928
26.391	28.954	1.017	14.850
12/9/2016 8:45:00 AM	125100.000	117.491	19.236
267.797	34516.008	38785.816	24.910
26.374	28.972	1.017	14.852
12/9/2016 9:00:00 AM	126000.000	117.484	19.237
267.782	34527.164	38797.543	24.919
26.382	28.963	1.017	14.859
12/9/2016 9:15:00 AM	126900.000	117.486	19.237
267.787	34537.891	38809.898	24.928
26.391	28.954	1.017	14.860
12/9/2016 9:30:00 AM	127800.000	117.483	19.236
267.780	34528.477	38799.754	24.920
26.384	28.962	1.017	14.862
12/9/2016 9:45:00 AM	128700.000	117.489	19.236

267.793	34528.688	38800.141	24.921
26.384	28.961	1.017	14.861
12/9/2016 10:00:00 AM	129600.000	117.489	19.237
267.793	34538.262	38810.168	24.928
26.391	28.953	1.017	14.861
12/9/2016 10:15:00 AM	130500.000	117.481	19.237
267.776	34521.539	38791.809	24.915
26.378	28.967	1.017	14.865
12/9/2016 10:30:00 AM	131400.000	117.508	19.236
267.837	34534.719	38806.766	24.925
26.389	28.956	1.017	14.866
12/9/2016 10:45:00 AM	132300.000	117.468	19.237
267.746	34527.383	38798.168	24.919
26.383	28.963	1.017	14.871
12/9/2016 11:00:00 AM	133200.000	117.466	19.236
267.741	34515.277	38785.426	24.910
26.374	28.973	1.017	14.868
12/9/2016 11:15:00 AM	134100.000	117.472	19.236
267.755	34529.605	38801.172	24.921
26.385	28.961	1.017	14.862
12/9/2016 11:30:00 AM	135000.000	117.460	19.238
267.727	34515.195	38783.805	24.909
26.373	28.973	1.017	14.865
12/9/2016 11:45:00 AM	135900.000	117.470	19.236
267.750	34528.332	38800.168	24.921
26.384	28.962	1.017	14.853
12/9/2016 12:00:00 PM	136800.000	117.455	19.236
267.717	34526.387	38797.480	24.919
26.382	28.963	1.017	14.845
12/9/2016 12:15:00 PM	137700.000	117.463	19.236
267.734	34519.891	38790.766	24.914
26.378	28.969	1.017	14.843
12/9/2016 12:30:00 PM	138600.000	117.454	19.237
267.713	34516.938	38786.563	24.911
26.375	28.971	1.017	14.837
12/9/2016 12:45:00 PM	139500.000	117.447	19.236
267.699	34534.543	38807.004	24.925
26.389	28.957	1.017	14.830
12/9/2016 1:00:00 PM	140400.000	117.437	19.237
267.676	34515.137	38784.539	24.910
26.373	28.973	1.017	14.832
12/9/2016 1:15:00 PM	141300.000	117.438	19.236
267.678	34516.477	38786.418	24.911
26.375	28.972	1.017	14.826
12/9/2016 1:30:00 PM	142200.000	117.435	19.237
267.670	34534.465	38806.125	24.925
26.388	28.957	1.017	14.822
12/9/2016 1:45:00 PM	143100.000	117.432	19.237
267.663	34517.559	38787.191	24.911
26.375	28.971	1.017	14.836
12/9/2016 2:00:00 PM	144000.000	117.423	19.236
267.643	34521.656	38792.309	24.915
26.379	28.967	1.017	14.826
12/9/2016 2:15:00 PM	144900.000	117.424	19.236

267.646	34519.859	38790.219	24.914
26.377	28.969	1.017	14.826
12/9/2016 2:30:00 PM	145800.000	117.424	19.236
267.646	34511.777	38781.422	24.907
26.371	28.976	1.017	14.817
12/9/2016 2:45:00 PM	146700.000	117.419	19.237
267.633	34484.426	38750.027	24.885
26.350	28.999	1.017	14.823
12/9/2016 3:00:00 PM	147600.000	117.405	19.236
267.603	34519.855	38790.141	24.914
26.377	28.969	1.017	14.825
12/9/2016 3:15:00 PM	148500.000	117.421	19.236
267.640	34529.449	38800.844	24.921
26.385	28.961	1.017	14.823
12/9/2016 3:30:00 PM	149400.000	117.416	19.236
267.627	34531.180	38802.719	24.922
26.386	28.959	1.017	14.822
12/9/2016 3:45:00 PM	150300.000	117.414	19.236
267.623	34526.148	38797.355	24.919
26.382	28.964	1.017	14.827
12/9/2016 4:00:00 PM	151200.000	117.412	19.236
267.618	34536.477	38808.965	24.927
26.390	28.955	1.017	14.822
12/9/2016 4:15:00 PM	152100.000	117.413	19.237
267.620	34532.293	38803.387	24.923
26.386	28.958	1.017	14.816
12/9/2016 4:30:00 PM	153000.000	117.415	19.237
267.625	34541.281	38813.406	24.930
26.393	28.951	1.017	14.817
12/9/2016 4:45:00 PM	153900.000	117.422	19.236
267.642	34510.754	38779.766	24.906
26.370	28.976	1.017	14.819
12/9/2016 5:00:00 PM	154800.000	117.427	19.236
267.653	34516.527	38786.547	24.911
26.375	28.972	1.017	14.814
12/9/2016 5:15:00 PM	155700.000	117.429	19.236
267.656	34517.598	38787.813	24.912
26.376	28.971	1.017	14.815
12/9/2016 5:30:00 PM	156600.000	117.416	19.236
267.627	34517.547	38788.129	24.912
26.376	28.971	1.017	14.822
12/9/2016 5:45:00 PM	157500.000	117.437	19.236
267.675	34520.000	38790.957	24.914
26.378	28.969	1.017	14.815
12/9/2016 6:00:00 PM	158400.000	117.437	19.236
267.676	34539.742	38812.633	24.929
26.393	28.952	1.017	14.815
12/9/2016 6:15:00 PM	159300.000	117.439	19.236
267.680	34542.934	38816.359	24.932
26.395	28.949	1.017	14.818
12/9/2016 6:30:00 PM	160200.000	117.437	19.237
267.676	34518.797	38788.145	24.912
26.376	28.970	1.017	14.820
12/9/2016 6:45:00 PM	161100.000	117.455	19.237

267.716	34538.160	38809.980	24.928
26.391	28.953	1.017	14.819
12/9/2016 7:00:00 PM	162000.000	117.445	19.237
267.693	34532.277	38803.875	24.923
26.387	28.958	1.017	14.825
12/9/2016 7:15:00 PM	162900.000	117.460	19.236
267.727	34526.605	38797.648	24.919
26.382	28.963	1.017	14.818
12/9/2016 7:30:00 PM	163800.000	117.460	19.237
267.727	34520.859	38790.758	24.914
26.378	28.968	1.017	14.824
12/9/2016 7:45:00 PM	164700.000	117.452	19.236
267.710	34528.559	38799.918	24.920
26.384	28.962	1.017	14.826
12/9/2016 8:00:00 PM	165600.000	117.472	19.236
267.755	34526.473	38797.863	24.919
26.383	28.963	1.017	14.811
12/9/2016 8:15:00 PM	166500.000	117.460	19.237
267.727	34514.152	38783.000	24.908
26.372	28.974	1.017	14.811
12/9/2016 8:30:00 PM	167400.000	117.470	19.236
267.751	34507.547	38776.668	24.904
26.368	28.979	1.017	14.811
12/9/2016 8:45:00 PM	168300.000	117.460	19.237
267.728	34531.586	38802.953	24.923
26.386	28.959	1.017	14.825
12/9/2016 9:00:00 PM	169200.000	117.468	19.236
267.746	34529.613	38801.180	24.921
26.385	28.961	1.017	14.820
12/9/2016 9:15:00 PM	170100.000	117.468	19.237
267.746	34541.195	38813.609	24.930
26.393	28.951	1.017	14.822
12/9/2016 9:30:00 PM	171000.000	117.478	19.236
267.769	34505.180	38773.504	24.902
26.366	28.981	1.017	14.822
12/9/2016 9:45:00 PM	171900.000	117.467	19.237
267.743	34521.066	38791.203	24.914
26.378	28.968	1.017	14.821
12/9/2016 10:00:00 PM	172800.000	117.465	19.236
267.739	34514.082	38783.578	24.909
26.373	28.974	1.017	14.818
12/9/2016 10:15:00 PM	173700.000	117.469	19.237
267.749	34545.578	38818.391	24.934
26.397	28.947	1.017	14.822
12/9/2016 10:30:00 PM	174600.000	117.471	19.236
267.752	34495.059	38762.129	24.894
26.358	28.990	1.017	14.819
12/9/2016 10:45:00 PM	175500.000	117.464	19.237
267.736	34519.668	38789.199	24.913
26.377	28.969	1.017	14.818
12/9/2016 11:00:00 PM	176400.000	117.457	19.236
267.721	34511.359	38780.668	24.907
26.371	28.976	1.017	14.822
12/9/2016 11:15:00 PM	177300.000	117.462	19.236

267.731	34529.176	38800.469	24.921
26.384	28.961	1.017	14.822
12/9/2016 11:30:00 PM	178200.000	117.450	19.237
267.706	34521.313	38791.480	24.914
26.378	28.968	1.017	14.817
12/9/2016 11:45:00 PM	179100.000	117.457	19.236
267.722	34508.637	38778.188	24.905
26.369	28.978	1.017	14.812
12/10/2016 12:00:00 AM	180000.000	117.463	19.236
267.734	34507.324	38776.203	24.904
26.368	28.979	1.017	14.806
12/10/2016 12:15:00 AM	180900.000	117.450	19.236
267.705	34546.707	38820.457	24.935
26.398	28.946	1.017	14.815
12/10/2016 12:30:00 AM	181800.000	117.456	19.236
267.717	34518.449	38789.063	24.913
26.377	28.970	1.017	14.810
12/10/2016 12:45:00 AM	182700.000	117.444	19.236
267.691	34525.473	38796.527	24.918
26.382	28.964	1.017	14.812
12/10/2016 1:00:00 AM	183600.000	117.445	19.237
267.694	34507.012	38775.277	24.903
26.367	28.980	1.017	14.812
12/10/2016 1:15:00 AM	184500.000	117.443	19.237
267.689	34524.027	38794.605	24.917
26.380	28.965	1.017	14.822
12/10/2016 1:30:00 AM	185400.000	117.447	19.236
267.697	34527.930	38799.289	24.920
26.384	28.962	1.017	14.818
12/10/2016 1:45:00 AM	186300.000	117.445	19.237
267.693	34530.387	38801.391	24.922
26.385	28.960	1.017	14.812
12/10/2016 2:00:00 AM	187200.000	117.451	19.236
267.707	34512.902	38782.758	24.908
26.372	28.975	1.017	14.810
12/10/2016 2:15:00 AM	188100.000	117.455	19.236
267.715	34540.184	38812.984	24.930
26.393	28.952	1.017	14.811
12/10/2016 2:30:00 AM	189000.000	117.463	19.236
267.735	34521.563	38792.133	24.915
26.379	28.967	1.017	14.806
12/10/2016 2:45:00 AM	189900.000	117.449	19.236
267.702	34541.836	38814.984	24.931
26.394	28.950	1.017	14.813
12/10/2016 3:00:00 AM	190800.000	117.462	19.236
267.732	34504.191	38772.539	24.901
26.365	28.982	1.017	14.807
12/10/2016 3:15:00 AM	191700.000	117.458	19.236
267.724	34531.863	38803.707	24.923
26.387	28.959	1.017	14.806
12/10/2016 3:30:00 AM	192600.000	117.473	19.237
267.758	34526.648	38797.188	24.919
26.382	28.963	1.017	14.810
12/10/2016 3:45:00 AM	193500.000	117.477	19.237

267.767	34533.805	38805.445	24.924
26.388	28.957	1.017	14.811
12/10/2016 4:00:00 AM	194400.000	117.478	19.237
267.768	34535.094	38806.895	24.925
26.389	28.956	1.017	14.809
12/10/2016 4:15:00 AM	195300.000	117.493	19.237
267.803	34535.738	38807.332	24.926
26.389	28.956	1.017	14.803
12/10/2016 4:30:00 AM	196200.000	117.501	19.237
267.820	34547.199	38820.496	24.935
26.398	28.946	1.017	14.800
12/10/2016 4:45:00 AM	197100.000	117.500	19.236
267.818	34526.309	38797.602	24.919
26.382	28.963	1.017	14.809
12/10/2016 5:00:00 AM	198000.000	117.506	19.237
267.833	34521.789	38792.090	24.915
26.379	28.967	1.017	14.812
12/10/2016 5:15:00 AM	198900.000	117.524	19.236
267.874	34519.000	38789.391	24.913
26.377	28.970	1.017	14.807
12/10/2016 5:30:00 AM	199800.000	117.526	19.236
267.877	34506.145	38774.879	24.903
26.367	28.980	1.017	14.809
12/10/2016 5:45:00 AM	200700.000	117.542	19.238
267.915	34495.586	38761.770	24.893
26.358	28.989	1.017	14.803
12/10/2016 6:00:00 AM	201600.000	117.555	19.237
267.943	34520.609	38790.617	24.914
26.378	28.968	1.017	14.807
12/10/2016 6:15:00 AM	202500.000	117.563	19.237
267.962	34549.086	38822.688	24.937
26.399	28.944	1.017	14.804
12/10/2016 6:30:00 AM	203400.000	117.572	19.237
267.983	34500.613	38767.574	24.898
26.362	28.985	1.017	14.807
12/10/2016 6:45:00 AM	204300.000	117.580	19.237
268.001	34522.449	38792.246	24.915
26.379	28.967	1.017	14.803
12/10/2016 7:00:00 AM	205200.000	117.582	19.237
268.005	34517.160	38786.742	24.911
26.375	28.971	1.017	14.810
12/10/2016 7:15:00 AM	206100.000	117.591	19.237
268.027	34520.156	38789.969	24.913
26.377	28.969	1.017	14.801
12/10/2016 7:30:00 AM	207000.000	117.600	19.237
268.047	34542.188	38814.867	24.931
26.394	28.950	1.017	14.805
12/10/2016 7:45:00 AM	207900.000	117.615	19.237
268.081	34542.785	38815.605	24.932
26.395	28.950	1.017	14.802
12/10/2016 8:00:00 AM	208800.000	117.611	19.237
268.072	34527.371	38798.285	24.919
26.383	28.963	1.017	14.808
12/10/2016 8:15:00 AM	209700.000	117.619	19.236

268.089	34512.250	38781.449	24.907
26.371	28.975	1.017	14.816
12/10/2016 8:30:00 AM	210600.000	117.622	19.236
268.098	34520.438	38790.648	24.914
26.378	28.968	1.017	14.814
12/10/2016 8:45:00 AM	211500.000	117.630	19.237
268.115	34536.469	38808.223	24.926
26.390	28.955	1.017	14.807
12/10/2016 9:00:00 AM	212400.000	117.643	19.236
268.145	34538.906	38811.473	24.929
26.392	28.953	1.017	14.809
12/10/2016 9:15:00 AM	213300.000	117.634	19.237
268.125	34524.961	38795.445	24.917
26.381	28.965	1.017	14.808
12/10/2016 9:30:00 AM	214200.000	117.642	19.237
268.143	34521.227	38791.313	24.914
26.378	28.968	1.017	14.814
12/10/2016 9:45:00 AM	215100.000	117.644	19.237
268.147	34535.402	38807.242	24.926
26.389	28.956	1.017	14.812
12/10/2016 10:00:00 AM	216000.000	117.643	19.237
268.144	34533.184	38804.461	24.924
26.387	28.958	1.017	14.814
12/10/2016 10:15:00 AM	216900.000	117.638	19.237
268.134	34539.012	38811.367	24.929
26.392	28.953	1.017	14.816
12/10/2016 10:30:00 AM	217800.000	117.642	19.236
268.143	34532.012	38803.727	24.923
26.387	28.959	1.017	14.814
12/10/2016 10:45:00 AM	218700.000	117.647	19.236
268.154	34527.488	38799.078	24.920
26.383	28.962	1.017	14.814
12/10/2016 11:00:00 AM	219600.000	117.633	19.237
268.121	34525.473	38796.020	24.918
26.381	28.964	1.017	14.811
12/10/2016 11:15:00 AM	220500.000	117.634	19.236
268.124	34511.469	38781.371	24.907
26.371	28.976	1.017	14.798
12/10/2016 11:30:00 AM	221400.000	117.619	19.236
268.090	34513.453	38783.309	24.909
26.373	28.974	1.017	14.800
12/10/2016 11:45:00 AM	222300.000	117.624	19.236
268.101	34497.055	38764.445	24.895
26.360	28.988	1.017	14.792
12/10/2016 12:00:00 PM	223200.000	117.617	19.237
268.086	34523.891	38794.305	24.916
26.380	28.965	1.017	14.791
12/10/2016 12:15:00 PM	224100.000	117.620	19.236
268.093	34527.348	38798.414	24.919
26.383	28.963	1.017	14.788
12/10/2016 12:30:00 PM	225000.000	117.600	19.236
268.047	34536.469	38808.809	24.927
26.390	28.955	1.017	14.783
12/10/2016 12:45:00 PM	225900.000	117.600	19.236

268.047	34539.785	38813.035	24.930
26.393	28.952	1.017	14.779
12/10/2016 1:00:00 PM	226800.000	117.586	19.236
268.014	34520.125	38790.367	24.914
26.377	28.969	1.017	14.778
12/10/2016 1:15:00 PM	227700.000	117.580	19.236
268.000	34515.082	38784.852	24.910
26.374	28.973	1.017	14.775
12/10/2016 1:30:00 PM	228600.000	117.567	19.236
267.971	34510.051	38778.977	24.906
26.370	28.977	1.017	14.778
12/10/2016 1:45:00 PM	229500.000	117.561	19.237
267.958	34498.672	38765.750	24.896
26.361	28.987	1.017	14.773
12/10/2016 2:00:00 PM	230400.000	117.563	19.237
267.963	34506.395	38774.582	24.902
26.367	28.980	1.017	14.766
12/10/2016 2:15:00 PM	231300.000	117.561	19.236
267.957	34512.594	38782.191	24.908
26.372	28.975	1.017	14.764
12/10/2016 2:30:00 PM	232200.000	117.546	19.236
267.923	34538.348	38810.996	24.928
26.391	28.953	1.017	14.765
12/10/2016 2:45:00 PM	233100.000	117.534	19.236
267.896	34527.164	38798.207	24.919
26.383	28.963	1.017	14.764
12/10/2016 3:00:00 PM	234000.000	117.538	19.236
267.905	34517.023	38787.102	24.911
26.375	28.971	1.017	14.766
12/10/2016 3:15:00 PM	234900.000	117.528	19.236
267.883	34495.348	38763.184	24.894
26.359	28.989	1.017	14.768
12/10/2016 3:30:00 PM	235800.000	117.527	19.237
267.881	34511.160	38779.859	24.906
26.370	28.976	1.017	14.768
12/10/2016 3:45:00 PM	236700.000	117.523	19.236
267.872	34526.004	38797.125	24.918
26.382	28.964	1.017	14.765
12/10/2016 4:00:00 PM	237600.000	117.528	19.236
267.882	34516.297	38785.996	24.911
26.374	28.972	1.017	14.772
12/10/2016 4:15:00 PM	238500.000	117.525	19.236
267.875	34517.813	38787.770	24.912
26.376	28.971	1.017	14.765
12/10/2016 4:30:00 PM	239400.000	117.525	19.237
267.875	34517.586	38787.160	24.911
26.375	28.971	1.017	14.763
12/10/2016 4:45:00 PM	240300.000	117.529	19.236
267.885	34531.945	38803.938	24.923
26.387	28.959	1.017	14.761
12/10/2016 5:00:00 PM	241200.000	117.510	19.237
267.841	34522.637	38793.043	24.916
26.379	28.967	1.017	14.772
12/10/2016 5:15:00 PM	242100.000	117.535	19.237

267.899	34508.637	38776.949	24.904
26.368	28.978	1.017	14.759
12/10/2016 5:30:00 PM	243000.000	117.521	19.236
267.867	34536.719	38809.301	24.927
26.390	28.955	1.017	14.769
12/10/2016 5:45:00 PM	243900.000	117.526	19.237
267.879	34535.152	38807.031	24.926
26.389	28.956	1.017	14.764
12/10/2016 6:00:00 PM	244800.000	117.525	19.237
267.876	34518.617	38788.094	24.912
26.376	28.970	1.017	14.766
12/10/2016 6:15:00 PM	245700.000	117.524	19.236
267.873	34505.914	38774.836	24.903
26.367	28.981	1.017	14.778
12/10/2016 6:30:00 PM	246600.000	117.533	19.236
267.894	34500.137	38767.836	24.898
26.362	28.985	1.017	14.767
12/10/2016 6:45:00 PM	247500.000	117.546	19.236
267.923	34525.457	38796.359	24.918
26.382	28.964	1.017	14.763
12/10/2016 7:00:00 PM	248400.000	117.548	19.237
267.928	34527.883	38798.793	24.920
26.383	28.962	1.017	14.772
12/10/2016 7:15:00 PM	249300.000	117.545	19.237
267.920	34520.023	38789.746	24.913
26.377	28.969	1.017	14.768
12/10/2016 7:30:00 PM	250200.000	117.558	19.237
267.951	34535.258	38806.863	24.925
26.389	28.956	1.017	14.773
12/10/2016 7:45:00 PM	251100.000	117.546	19.237
267.924	34517.348	38786.813	24.911
26.375	28.971	1.017	14.779
12/10/2016 8:00:00 PM	252000.000	117.549	19.237
267.931	34512.914	38781.973	24.908
26.372	28.975	1.017	14.782
12/10/2016 8:15:00 PM	252900.000	117.556	19.237
267.945	34544.695	38817.828	24.933
26.396	28.948	1.017	14.783
12/10/2016 8:30:00 PM	253800.000	117.564	19.236
267.964	34533.547	38805.379	24.924
26.388	28.957	1.017	14.779
12/10/2016 8:45:00 PM	254700.000	117.564	19.236
267.965	34532.609	38804.617	24.924
26.387	28.958	1.017	14.779
12/10/2016 9:00:00 PM	255600.000	117.571	19.236
267.980	34536.656	38808.875	24.927
26.390	28.955	1.017	14.779
12/10/2016 9:15:00 PM	256500.000	117.582	19.237
268.005	34541.246	38813.367	24.930
26.393	28.951	1.017	14.782
12/10/2016 9:30:00 PM	257400.000	117.582	19.236
268.005	34520.535	38791.336	24.914
26.378	28.968	1.017	14.785
12/10/2016 9:45:00 PM	258300.000	117.587	19.236

268.017	34513.176	38782.488	24.908
26.372	28.974	1.017	14.780
12/10/2016 10:00:00 PM	259200.000	117.580	19.237
268.002	34512.254	38781.168	24.907
26.371	28.975	1.017	14.789
12/10/2016 10:15:00 PM	260100.000	117.590	19.237
268.023	34501.164	38768.629	24.898
26.363	28.985	1.017	14.782
12/10/2016 10:30:00 PM	261000.000	117.585	19.236
268.014	34505.504	38774.012	24.902
26.366	28.981	1.017	14.789
12/10/2016 10:45:00 PM	261900.000	117.582	19.237
268.006	34529.078	38800.074	24.921
26.384	28.961	1.017	14.799
12/10/2016 11:00:00 PM	262800.000	117.586	19.237
268.015	34493.105	38759.496	24.892
26.356	28.991	1.017	14.797
12/10/2016 11:15:00 PM	263700.000	117.581	19.236
268.003	34533.914	38806.148	24.925
26.388	28.957	1.017	14.798
12/10/2016 11:30:00 PM	264600.000	117.580	19.237
268.002	34541.617	38814.293	24.931
26.394	28.951	1.017	14.799
12/10/2016 11:45:00 PM	265500.000	117.579	19.236
267.999	34528.270	38799.594	24.920
26.384	28.962	1.017	14.796
12/11/2016 12:00:00 AM	266400.000	117.577	19.236
267.993	34527.965	38799.398	24.920
26.384	28.962	1.017	14.801
12/11/2016 12:15:00 AM	267300.000	117.579	19.237
268.000	34534.590	38806.473	24.925
26.388	28.956	1.017	14.799
12/11/2016 12:30:00 AM	268200.000	117.576	19.237
267.991	34548.039	38820.934	24.935
26.398	28.945	1.017	14.797
12/11/2016 12:45:00 AM	269100.000	117.574	19.236
267.987	34519.063	38789.324	24.913
26.377	28.970	1.017	14.796
12/11/2016 1:00:00 AM	270000.000	117.576	19.237
267.992	34536.031	38807.887	24.926
26.389	28.955	1.017	14.798
12/11/2016 1:15:00 AM	270900.000	117.571	19.236
267.981	34501.953	38770.023	24.899
26.364	28.984	1.017	14.806
12/11/2016 1:30:00 AM	271800.000	117.565	19.237
267.967	34501.262	38768.438	24.898
26.363	28.984	1.017	14.802
12/11/2016 1:45:00 AM	272700.000	117.568	19.236
267.973	34538.008	38810.391	24.928
26.391	28.954	1.017	14.799
12/11/2016 2:00:00 AM	273600.000	117.565	19.237
267.966	34528.625	38799.625	24.920
26.384	28.961	1.017	14.803
12/11/2016 2:15:00 AM	274500.000	117.560	19.236

267.955	34517.395	38787.586	24.912
26.376	28.971	1.017	14.804
12/11/2016 2:30:00 AM	275400.000	117.567	19.236
267.971	34527.309	38798.441	24.919
26.383	28.963	1.017	14.811
12/11/2016 2:45:00 AM	276300.000	117.568	19.237
267.974	34524.176	38794.410	24.917
26.380	28.965	1.017	14.804
12/11/2016 3:00:00 AM	277200.000	117.568	19.237
267.974	34530.902	38802.043	24.922
26.385	28.960	1.017	14.805
12/11/2016 3:15:00 AM	278100.000	117.566	19.236
267.970	34522.262	38792.699	24.915
26.379	28.967	1.017	14.805
12/11/2016 3:30:00 AM	279000.000	117.576	19.237
267.992	34511.172	38779.949	24.906
26.370	28.976	1.017	14.799
12/11/2016 3:45:00 AM	279900.000	117.574	19.237
267.988	34509.309	38777.855	24.905
26.369	28.978	1.017	14.807
12/11/2016 4:00:00 AM	280800.000	117.586	19.236
268.015	34523.102	38793.711	24.916
26.380	28.966	1.017	14.804
12/11/2016 4:15:00 AM	281700.000	117.584	19.237
268.011	34516.543	38785.832	24.910
26.374	28.972	1.017	14.803
12/11/2016 4:30:00 AM	282600.000	117.594	19.236
268.032	34512.227	38781.422	24.907
26.371	28.975	1.017	14.800
12/11/2016 4:45:00 AM	283500.000	117.609	19.237
268.068	34518.301	38788.168	24.912
26.376	28.970	1.017	14.798
12/11/2016 5:00:00 AM	284400.000	117.614	19.237
268.077	34507.496	38776.027	24.903
26.368	28.979	1.017	14.802
12/11/2016 5:15:00 AM	285300.000	117.627	19.237
268.108	34523.188	38793.453	24.916
26.380	28.966	1.017	14.803
12/11/2016 5:30:00 AM	286200.000	117.624	19.236
268.102	34502.707	38770.797	24.900
26.364	28.983	1.017	14.810
12/11/2016 5:45:00 AM	287100.000	117.638	19.237
268.134	34525.793	38796.305	24.918
26.381	28.964	1.017	14.803
12/11/2016 6:00:00 AM	288000.000	117.642	19.238
268.143	34530.934	38801.566	24.922
26.385	28.960	1.017	14.809
12/11/2016 6:15:00 AM	288900.000	117.649	19.237
268.159	34517.441	38786.621	24.911
26.375	28.971	1.017	14.810
12/11/2016 6:30:00 AM	289800.000	117.657	19.237
268.176	34532.586	38804.016	24.923
26.387	28.958	1.017	14.811
12/11/2016 6:45:00 AM	290700.000	117.663	19.238

268.191	34515.344	38784.047	24.909
26.373	28.973	1.017	14.817
12/11/2016 7:00:00 AM	291600.000	117.673	19.237
268.213	34525.105	38795.742	24.918
26.381	28.964	1.017	14.812
12/11/2016 7:15:00 AM	292500.000	117.693	19.237
268.258	34511.914	38780.563	24.907
26.371	28.976	1.017	14.814
12/11/2016 7:30:00 AM	293400.000	117.697	19.237
268.267	34521.125	38790.758	24.914
26.378	28.968	1.017	14.815
12/11/2016 7:45:00 AM	294300.000	117.695	19.237
268.264	34486.855	38752.551	24.887
26.352	28.997	1.017	14.817
12/11/2016 8:00:00 AM	295200.000	117.708	19.237
268.293	34536.105	38807.453	24.926
26.389	28.955	1.017	14.810
12/11/2016 8:15:00 AM	296100.000	117.720	19.238
268.321	34523.410	38793.109	24.916
26.379	28.966	1.017	14.816
12/11/2016 8:30:00 AM	297000.000	117.725	19.236
268.331	34542.094	38814.984	24.931
26.394	28.950	1.017	14.816
12/11/2016 8:45:00 AM	297900.000	117.738	19.237
268.362	34516.313	38785.430	24.910
26.374	28.972	1.017	14.814
12/11/2016 9:00:00 AM	298800.000	117.738	19.237
268.360	34524.609	38795.113	24.917
26.381	28.965	1.017	14.820
12/11/2016 9:15:00 AM	299700.000	117.746	19.236
268.379	34523.820	38794.449	24.917
26.380	28.966	1.017	14.820
12/11/2016 9:30:00 AM	300600.000	117.748	19.237
268.383	34505.457	38773.660	24.902
26.366	28.981	1.017	14.826
12/11/2016 9:45:00 AM	301500.000	117.749	19.237
268.386	34509.023	38777.160	24.904
26.368	28.978	1.017	14.824
12/11/2016 10:00:00 AM	302400.000	117.763	19.237
268.419	34504.570	38772.309	24.901
26.365	28.982	1.017	14.822
12/11/2016 10:15:00 AM	303300.000	117.754	19.237
268.397	34504.820	38772.734	24.901
26.365	28.981	1.017	14.820
12/11/2016 10:30:00 AM	304200.000	117.760	19.237
268.411	34525.625	38796.398	24.918
26.382	28.964	1.017	14.818
12/11/2016 10:45:00 AM	305100.000	117.764	19.237
268.421	34534.199	38805.961	24.925
26.388	28.957	1.017	14.821
12/11/2016 11:00:00 AM	306000.000	117.750	19.237
268.389	34524.176	38794.484	24.917
26.380	28.965	1.017	14.818
12/11/2016 11:15:00 AM	306900.000	117.748	19.237

268.384	34503.867	38771.590	24.900
26.365	28.982	1.017	14.819
12/11/2016 11:30:00 AM	307800.000	117.736	19.237
268.356	34528.199	38798.570	24.920
26.383	28.962	1.017	14.812
12/11/2016 11:45:00 AM	308700.000	117.737	19.236
268.360	34503.906	38772.219	24.901
26.365	28.982	1.017	14.816
12/11/2016 12:00:00 PM	309600.000	117.725	19.236
268.331	34515.520	38785.477	24.910
26.374	28.972	1.017	14.816
12/11/2016 12:15:00 PM	310500.000	117.724	19.236
268.329	34520.059	38790.367	24.914
26.377	28.969	1.017	14.806
12/11/2016 12:30:00 PM	311400.000	117.721	19.237
268.323	34515.676	38785.074	24.910
26.374	28.972	1.017	14.806
12/11/2016 12:45:00 PM	312300.000	117.707	19.236
268.291	34493.770	38760.973	24.893
26.357	28.991	1.017	14.805
12/11/2016 1:00:00 PM	313200.000	117.701	19.237
268.277	34529.535	38800.141	24.921
26.384	28.961	1.017	14.799
12/11/2016 1:15:00 PM	314100.000	117.683	19.236
268.236	34519.707	38789.898	24.913
26.377	28.969	1.017	14.798
12/11/2016 1:30:00 PM	315000.000	117.695	19.236
268.262	34509.215	38778.543	24.905
26.369	28.978	1.017	14.800
12/11/2016 1:45:00 PM	315900.000	117.669	19.236
268.204	34510.363	38779.473	24.906
26.370	28.977	1.017	14.803
12/11/2016 2:00:00 PM	316800.000	117.671	19.237
268.208	34537.250	38809.387	24.927
26.390	28.954	1.017	14.799
12/11/2016 2:15:00 PM	317700.000	117.649	19.236
268.158	34498.926	38766.477	24.897
26.361	28.986	1.017	14.803
12/11/2016 2:30:00 PM	318600.000	117.641	19.236
268.139	34511.668	38781.086	24.907
26.371	28.976	1.017	14.807
12/11/2016 2:45:00 PM	319500.000	117.624	19.236
268.101	34508.016	38777.488	24.904
26.369	28.979	1.017	14.802
12/11/2016 3:00:00 PM	320400.000	117.613	19.236
268.077	34489.488	38756.160	24.889
26.354	28.994	1.017	14.809
12/11/2016 3:15:00 PM	321300.000	117.602	19.236
268.050	34495.668	38763.035	24.894
26.359	28.989	1.017	14.803
12/11/2016 3:30:00 PM	322200.000	117.600	19.236
268.046	34513.672	38783.691	24.909
26.373	28.974	1.017	14.804
12/11/2016 3:45:00 PM	323100.000	117.592	19.236

268.029	34515.387	38785.621	24.910
26.374	28.973	1.017	14.805
12/11/2016 4:00:00 PM	324000.000	117.585	19.236
268.013	34506.488	38775.121	24.903
26.367	28.980	1.017	14.802
12/11/2016 4:15:00 PM	324900.000	117.581	19.236
268.003	34509.891	38778.867	24.906
26.370	28.977	1.017	14.801
12/11/2016 4:30:00 PM	325800.000	117.583	19.236
268.008	34503.707	38771.992	24.901
26.365	28.982	1.017	14.799
12/11/2016 4:45:00 PM	326700.000	117.570	19.236
267.978	34492.504	38759.258	24.892
26.356	28.992	1.017	14.800
12/11/2016 5:00:00 PM	327600.000	117.574	19.237
267.988	34525.684	38795.883	24.918
26.381	28.964	1.017	14.797
12/11/2016 5:15:00 PM	328500.000	117.576	19.236
267.992	34508.801	38777.719	24.905
26.369	28.978	1.017	14.791
12/11/2016 5:30:00 PM	329400.000	117.571	19.237
267.981	34515.063	38784.168	24.909
26.373	28.973	1.017	14.794
12/11/2016 5:45:00 PM	330300.000	117.563	19.236
267.962	34532.445	38804.211	24.924
26.387	28.958	1.017	14.794
12/11/2016 6:00:00 PM	331200.000	117.570	19.236
267.977	34513.957	38784.168	24.909
26.373	28.974	1.017	14.797
12/11/2016 6:15:00 PM	332100.000	117.570	19.237
267.977	34527.125	38797.879	24.919
26.383	28.963	1.017	14.800
12/11/2016 6:30:00 PM	333000.000	117.567	19.237
267.971	34535.160	38807.039	24.926
26.389	28.956	1.017	14.800
12/11/2016 6:45:00 PM	333900.000	117.572	19.237
267.984	34541.055	38813.230	24.930
26.393	28.951	1.017	14.794
12/11/2016 7:00:00 PM	334800.000	117.566	19.237
267.968	34522.547	38792.734	24.915
26.379	28.967	1.017	14.791
12/11/2016 7:15:00 PM	335700.000	117.581	19.237
268.004	34516.977	38786.605	24.911
26.375	28.971	1.017	14.793
12/11/2016 7:30:00 PM	336600.000	117.575	19.237
267.990	34526.539	38797.281	24.919
26.382	28.963	1.017	14.799
12/11/2016 7:45:00 PM	337500.000	117.589	19.236
268.022	34519.637	38790.180	24.914
26.377	28.969	1.017	14.795
12/11/2016 8:00:00 PM	338400.000	117.589	19.238
268.021	34518.129	38787.102	24.911
26.375	28.970	1.017	14.792
12/11/2016 8:15:00 PM	339300.000	117.587	19.236

268.017	34530.641	38802.113	24.922
26.385	28.960	1.017	14.797
12/11/2016 8:30:00 PM	340200.000	117.594	19.236
268.032	34527.883	38799.086	24.920
26.383	28.962	1.017	14.798
12/11/2016 8:45:00 PM	341100.000	117.605	19.236
268.058	34539.238	38811.844	24.929
26.392	28.953	1.017	14.798
12/11/2016 9:00:00 PM	342000.000	117.621	19.237
268.095	34513.555	38782.629	24.908
26.372	28.974	1.017	14.790
12/11/2016 9:15:00 PM	342900.000	117.621	19.237
268.095	34551.953	38825.477	24.939
26.401	28.942	1.017	14.793
12/11/2016 9:30:00 PM	343800.000	117.625	19.237
268.103	34517.855	38787.164	24.911
26.375	28.971	1.017	14.795
12/11/2016 9:45:00 PM	344700.000	117.633	19.237
268.122	34528.996	38799.680	24.920
26.384	28.961	1.017	14.789
12/11/2016 10:00:00 PM	345600.000	117.638	19.237
268.133	34536.297	38808.316	24.926
26.390	28.955	1.017	14.794
12/11/2016 10:15:00 PM	346500.000	117.646	19.236
268.151	34501.430	38769.512	24.899
26.363	28.984	1.017	14.792
12/11/2016 10:30:00 PM	347400.000	117.641	19.236
268.139	34523.129	38794.250	24.916
26.380	28.966	1.017	14.791
12/11/2016 10:45:00 PM	348300.000	117.645	19.236
268.149	34517.789	38787.965	24.912
26.376	28.971	1.017	14.799
12/11/2016 11:00:00 PM	349200.000	117.649	19.237
268.157	34514.031	38782.789	24.908
26.372	28.974	1.017	14.795
12/11/2016 11:15:00 PM	350100.000	117.654	19.236
268.170	34524.246	38795.574	24.917
26.381	28.965	1.017	14.794
12/11/2016 11:30:00 PM	351000.000	117.651	19.237
268.162	34515.184	38784.383	24.909
26.373	28.973	1.017	14.797
12/11/2016 11:45:00 PM	351900.000	117.647	19.237
268.153	34508.332	38776.891	24.904
26.368	28.979	1.017	14.796
12/12/2016 12:00:00 AM	352800.000	117.657	19.237
268.176	34513.215	38782.246	24.908
26.372	28.974	1.017	14.791
12/12/2016 12:15:00 AM	353700.000	117.646	19.237
268.151	34531.785	38802.891	24.923
26.386	28.959	1.017	14.799
12/12/2016 12:30:00 AM	354600.000	117.655	19.237
268.171	34514.504	38783.398	24.909
26.373	28.973	1.017	14.790
12/12/2016 12:45:00 AM	355500.000	117.648	19.237

268.157	34525.328	38795.859	24.918
26.381	28.964	1.017	14.795
12/12/2016 1:00:00 AM	356400.000	117.643	19.236
268.144	34511.277	38780.355	24.907
26.371	28.976	1.017	14.798
12/12/2016 1:15:00 AM	357300.000	117.645	19.237
268.150	34546.379	38819.215	24.934
26.397	28.947	1.017	14.797
12/12/2016 1:30:00 AM	358200.000	117.642	19.236
268.144	34535.469	38807.973	24.926
26.389	28.956	1.017	14.794
12/12/2016 1:45:00 AM	359100.000	117.643	19.237
268.145	34506.711	38774.785	24.903
26.367	28.980	1.017	14.794
12/12/2016 2:00:00 AM	360000.000	117.636	19.237
268.130	34502.176	38769.906	24.899
26.364	28.984	1.017	14.790
12/12/2016 2:15:00 AM	360900.000	117.648	19.236
268.155	34506.770	38775.582	24.903
26.367	28.980	1.017	14.789
12/12/2016 2:30:00 AM	361800.000	117.637	19.237
268.132	34542.066	38814.367	24.931
26.394	28.950	1.017	14.797
12/12/2016 2:45:00 AM	362700.000	117.635	19.236
268.126	34522.168	38792.813	24.915
26.379	28.967	1.017	14.795
12/12/2016 3:00:00 AM	363600.000	117.643	19.236
268.144	34527.625	38798.727	24.920
26.383	28.962	1.017	14.795
12/12/2016 3:15:00 AM	364500.000	117.650	19.238
268.161	34519.379	38788.582	24.912
26.376	28.969	1.017	14.787
12/12/2016 3:30:00 AM	365400.000	117.644	19.237
268.147	34507.035	38775.363	24.903
26.367	28.980	1.017	14.793
12/12/2016 3:45:00 AM	366300.000	117.658	19.236
268.179	34507.164	38775.953	24.903
26.368	28.979	1.017	14.789
12/12/2016 4:00:00 AM	367200.000	117.653	19.237
268.168	34538.480	38810.484	24.928
26.391	28.953	1.017	14.787
12/12/2016 4:15:00 AM	368100.000	117.665	19.237
268.196	34513.684	38782.328	24.908
26.372	28.974	1.017	14.787
12/12/2016 4:30:00 AM	369000.000	117.657	19.236
268.176	34522.156	38792.727	24.915
26.379	28.967	1.017	14.790
12/12/2016 4:45:00 AM	369900.000	117.662	19.237
268.187	34510.930	38779.887	24.906
26.370	28.976	1.017	14.798
12/12/2016 5:00:00 AM	370800.000	117.671	19.236
268.208	34549.453	38823.398	24.937
26.400	28.944	1.017	14.788
12/12/2016 5:15:00 AM	371700.000	117.674	19.236

268.216	34495.621	38762.984	24.894
26.359	28.989	1.017	14.787
12/12/2016 5:30:00 AM	372600.000	117.685	19.237
268.240	34520.590	38790.598	24.914
26.378	28.968	1.017	14.786
12/12/2016 5:45:00 AM	373500.000	117.688	19.236
268.246	34505.844	38774.250	24.902
26.366	28.981	1.017	14.794
12/12/2016 6:00:00 AM	374400.000	117.692	19.238
268.257	34518.965	38787.906	24.912
26.376	28.970	1.017	14.794
12/12/2016 6:15:00 AM	375300.000	117.717	19.237
268.313	34534.949	38806.516	24.925
26.388	28.956	1.017	14.794
12/12/2016 6:30:00 AM	376200.000	117.713	19.237
268.305	34528.711	38799.582	24.920
26.384	28.961	1.017	14.792
12/12/2016 6:45:00 AM	377100.000	117.729	19.237
268.340	34522.496	38792.523	24.915
26.379	28.967	1.017	14.796
12/12/2016 7:00:00 AM	378000.000	117.742	19.237
268.371	34516.410	38785.836	24.910
26.374	28.972	1.017	14.797
12/12/2016 7:15:00 AM	378900.000	117.751	19.237
268.391	34547.176	38820.184	24.935
26.398	28.946	1.017	14.790
12/12/2016 7:30:00 AM	379800.000	117.757	19.237
268.405	34509.086	38777.738	24.905
26.369	28.978	1.017	14.796
12/12/2016 7:45:00 AM	380700.000	117.788	19.238
268.474	34508.219	38776.039	24.904
26.368	28.979	1.017	14.788
12/12/2016 8:00:00 AM	381600.000	117.782	19.237
268.461	34514.402	38783.504	24.909
26.373	28.973	1.017	14.794
12/12/2016 8:15:00 AM	382500.000	117.793	19.237
268.485	34538.785	38811.043	24.928
26.392	28.953	1.017	14.802
12/12/2016 8:30:00 AM	383400.000	117.795	19.238
268.492	34512.219	38780.398	24.907
26.371	28.975	1.017	14.801
12/12/2016 8:45:00 AM	384300.000	117.798	19.237
268.499	34511.953	38780.387	24.907
26.371	28.975	1.017	14.805
12/12/2016 9:00:00 AM	385200.000	117.818	19.237
268.543	34529.422	38800.234	24.921
26.384	28.961	1.017	14.808
12/12/2016 9:15:00 AM	386100.000	117.820	19.237
268.547	34534.789	38806.410	24.925
26.388	28.956	1.017	14.809
12/12/2016 9:30:00 AM	387000.000	117.825	19.237
268.560	34516.270	38785.527	24.910
26.374	28.972	1.017	14.811
12/12/2016 9:45:00 AM	387900.000	117.841	19.236

268.597	34516.988	38786.773	24.911
26.375	28.971	1.017	14.808
12/12/2016 10:00:00 AM	388800.000	117.843	19.238
268.600	34531.172	38801.625	24.922
26.385	28.959	1.017	14.816
12/12/2016 10:15:00 AM	389700.000	117.849	19.237
268.613	34509.625	38778.059	24.905
26.369	28.977	1.017	14.810
12/12/2016 10:30:00 AM	390600.000	117.847	19.237
268.610	34531.879	38802.922	24.923
26.386	28.959	1.017	14.812
12/12/2016 10:45:00 AM	391500.000	117.838	19.238
268.589	34516.598	38785.379	24.910
26.374	28.972	1.017	14.812
12/12/2016 11:00:00 AM	392400.000	117.838	19.236
268.589	34526.445	38797.547	24.919
26.382	28.963	1.017	14.811
12/12/2016 11:15:00 AM	393300.000	117.843	19.236
268.601	34509.625	38778.500	24.905
26.369	28.977	1.017	14.809
12/12/2016 11:30:00 AM	394200.000	117.842	19.238
268.599	34505.246	38772.699	24.901
26.365	28.981	1.017	14.799
12/12/2016 11:45:00 AM	395100.000	117.847	19.237
268.609	34531.957	38803.516	24.923
26.386	28.959	1.017	14.798
12/12/2016 12:00:00 PM	396000.000	117.836	19.237
268.584	34499.234	38766.598	24.897
26.361	28.986	1.017	14.794
12/12/2016 12:15:00 PM	396900.000	117.849	19.236
268.615	34530.332	38801.836	24.922
26.385	28.960	1.017	14.779
12/12/2016 12:30:00 PM	397800.000	117.830	19.236
268.571	34510.508	38779.711	24.906
26.370	28.977	1.017	14.785
12/12/2016 12:45:00 PM	398700.000	117.821	19.237
268.550	34531.035	38802.480	24.922
26.386	28.959	1.017	14.783
12/12/2016 1:00:00 PM	399600.000	117.819	19.237
268.546	34535.504	38807.215	24.926
26.389	28.956	1.017	14.777
12/12/2016 1:15:00 PM	400500.000	117.804	19.237
268.512	34529.719	38800.855	24.921
26.385	28.961	1.017	14.784
12/12/2016 1:30:00 PM	401400.000	117.794	19.236
268.489	34497.621	38765.516	24.896
26.361	28.988	1.017	14.774
12/12/2016 1:45:00 PM	402300.000	117.777	19.236
268.450	34483.781	38749.965	24.885
26.350	28.999	1.017	14.788
12/12/2016 2:00:00 PM	403200.000	117.772	19.235
268.438	34509.160	38778.848	24.905
26.370	28.978	1.017	14.783
12/12/2016 2:15:00 PM	404100.000	117.771	19.237

268.435	34511.398	38780.270	24.907
26.371	28.976	1.017	14.777
12/12/2016 2:30:00 PM	405000.000	117.736	19.237
268.357	34515.063	38784.102	24.909
26.373	28.973	1.017	14.781
12/12/2016 2:45:00 PM	405900.000	117.742	19.237
268.371	34503.828	38771.906	24.901
26.365	28.982	1.017	14.776
12/12/2016 3:00:00 PM	406800.000	117.725	19.236
268.333	34514.520	38784.430	24.909
26.373	28.973	1.017	14.779
12/12/2016 3:15:00 PM	407700.000	117.719	19.236
268.319	34506.637	38775.141	24.903
26.367	28.980	1.017	14.775
12/12/2016 3:30:00 PM	408600.000	117.704	19.236
268.283	34502.906	38771.094	24.900
26.364	28.983	1.017	14.778
12/12/2016 3:45:00 PM	409500.000	117.690	19.236
268.253	34513.801	38783.336	24.909
26.373	28.974	1.017	14.780
12/12/2016 4:00:00 PM	410400.000	117.681	19.236
268.231	34486.801	38752.996	24.887
26.352	28.997	1.017	14.776
12/12/2016 4:15:00 PM	411300.000	117.673	19.236
268.214	34505.328	38773.891	24.902
26.366	28.981	1.017	14.772
12/12/2016 4:30:00 PM	412200.000	117.662	19.237
268.187	34513.887	38782.625	24.908
26.372	28.974	1.017	14.773
12/12/2016 4:45:00 PM	413100.000	117.651	19.236
268.162	34495.309	38762.633	24.894
26.359	28.989	1.017	14.767
12/12/2016 5:00:00 PM	414000.000	117.651	19.236
268.164	34515.668	38785.359	24.910
26.374	28.972	1.017	14.766
12/12/2016 5:15:00 PM	414900.000	117.638	19.236
268.133	34522.016	38792.645	24.915
26.379	28.967	1.017	14.772
12/12/2016 5:30:00 PM	415800.000	117.627	19.237
268.108	34496.309	38763.250	24.894
26.359	28.989	1.017	14.777
12/12/2016 5:45:00 PM	416700.000	117.630	19.236
268.114	34509.004	38777.801	24.905
26.369	28.978	1.017	14.773
12/12/2016 6:00:00 PM	417600.000	117.618	19.236
268.087	34502.203	38770.516	24.900
26.364	28.984	1.017	14.779
12/12/2016 6:15:00 PM	418500.000	117.608	19.236
268.064	34509.137	38778.172	24.905
26.369	28.978	1.017	14.780
12/12/2016 6:30:00 PM	419400.000	117.618	19.236
268.089	34502.531	38770.672	24.900
26.364	28.983	1.017	14.775
12/12/2016 6:45:00 PM	420300.000	117.620	19.237

268.092	34512.004	38780.664	24.907
26.371	28.975	1.017	14.772
12/12/2016 7:00:00 PM	421200.000	117.630	19.237
268.115	34515.301	38784.148	24.909
26.373	28.973	1.017	14.772
12/12/2016 7:15:00 PM	422100.000	117.610	19.237
268.069	34520.789	38790.680	24.914
26.378	28.968	1.017	14.779
12/12/2016 7:30:00 PM	423000.000	117.621	19.236
268.094	34502.445	38770.578	24.900
26.364	28.983	1.017	14.779
12/12/2016 7:45:00 PM	423900.000	117.628	19.237
268.111	34528.016	38799.086	24.920
26.383	28.962	1.017	14.775
12/12/2016 8:00:00 PM	424800.000	117.627	19.237
268.107	34501.301	38768.707	24.898
26.363	28.984	1.017	14.778
12/12/2016 8:15:00 PM	425700.000	117.638	19.237
268.134	34493.672	38760.207	24.892
26.357	28.991	1.017	14.776
12/12/2016 8:30:00 PM	426600.000	117.638	19.236
268.134	34523.660	38794.563	24.917
26.380	28.966	1.017	14.771
12/12/2016 8:45:00 PM	427500.000	117.646	19.238
268.152	34527.359	38797.047	24.918
26.382	28.963	1.017	14.771
12/12/2016 9:00:00 PM	428400.000	117.651	19.237
268.164	34524.988	38795.539	24.917
26.381	28.965	1.017	14.779
12/12/2016 9:15:00 PM	429300.000	117.648	19.237
268.157	34512.219	38781.051	24.907
26.371	28.975	1.017	14.780
12/12/2016 9:30:00 PM	430200.000	117.672	19.236
268.212	34546.645	38820.098	24.935
26.398	28.946	1.017	14.775
12/12/2016 9:45:00 PM	431100.000	117.662	19.236
268.188	34525.270	38796.078	24.918
26.381	28.964	1.017	14.780
12/12/2016 10:00:00 PM	432000.000	117.680	19.237
268.230	34534.465	38806.258	24.925
26.388	28.957	1.017	14.781
12/12/2016 10:15:00 PM	432900.000	117.677	19.236
268.221	34519.480	38789.793	24.913
26.377	28.969	1.017	14.786
12/12/2016 10:30:00 PM	433800.000	117.696	19.237
268.265	34505.621	38773.563	24.902
26.366	28.981	1.017	14.775
12/12/2016 10:45:00 PM	434700.000	117.696	19.238
268.264	34521.313	38790.754	24.914
26.378	28.968	1.017	14.780
12/12/2016 11:00:00 PM	435600.000	117.725	19.238
268.332	34518.129	38787.039	24.911
26.375	28.970	1.017	14.782
12/12/2016 11:15:00 PM	436500.000	117.690	19.236

268.251	34516.461	38786.180	24.911
26.375	28.972	1.017	14.786
12/12/2016 11:30:00 PM	437400.000	117.721	19.236
268.323	34501.852	38769.762	24.899
26.363	28.984	1.017	14.772
12/12/2016 11:45:00 PM	438300.000	117.711	19.236
268.299	34500.863	38768.945	24.898
26.363	28.985	1.017	14.778
12/13/2016 12:00:00 AM	439200.000	117.712	19.238
268.301	34521.516	38790.844	24.914
26.378	28.967	1.017	14.786
12/13/2016 12:15:00 AM	440100.000	117.712	19.237
268.302	34519.621	38789.508	24.913
26.377	28.969	1.017	14.777
12/13/2016 12:30:00 AM	441000.000	117.714	19.237
268.306	34529.617	38800.301	24.921
26.384	28.961	1.017	14.784
12/13/2016 12:45:00 AM	441900.000	117.725	19.236
268.331	34499.070	38766.707	24.897
26.361	28.986	1.017	14.780
12/13/2016 1:00:00 AM	442800.000	117.723	19.237
268.328	34533.246	38804.887	24.924
26.387	28.958	1.017	14.777
12/13/2016 1:15:00 AM	443700.000	117.723	19.237
268.327	34507.348	38775.715	24.903
26.367	28.979	1.017	14.779
12/13/2016 1:30:00 AM	444600.000	117.729	19.237
268.341	34507.664	38776.141	24.904
26.368	28.979	1.017	14.782
12/13/2016 1:45:00 AM	445500.000	117.728	19.237
268.339	34512.121	38780.641	24.907
26.371	28.975	1.017	14.786
12/13/2016 2:00:00 AM	446400.000	117.718	19.237
268.316	34515.859	38784.996	24.910
26.374	28.972	1.017	14.789
12/13/2016 2:15:00 AM	447300.000	117.721	19.236
268.321	34503.078	38771.719	24.900
26.365	28.983	1.017	14.784
12/13/2016 2:30:00 AM	448200.000	117.711	19.237
268.300	34506.266	38774.141	24.902
26.366	28.980	1.017	14.786
12/13/2016 2:45:00 AM	449100.000	117.714	19.237
268.307	34504.094	38771.918	24.901
26.365	28.982	1.017	14.787
12/13/2016 3:00:00 AM	450000.000	117.711	19.236
268.299	34509.879	38778.855	24.905
26.370	28.977	1.017	14.790
12/13/2016 3:15:00 AM	450900.000	117.719	19.236
268.319	34533.672	38805.590	24.924
26.388	28.957	1.017	14.786
12/13/2016 3:30:00 AM	451800.000	117.717	19.236
268.314	34527.637	38798.738	24.920
26.383	28.962	1.017	14.783
12/13/2016 3:45:00 AM	452700.000	117.718	19.237

268.316	34511.270	38780.125	24.906
26.370	28.976	1.017	14.780
12/13/2016 4:00:00 AM	453600.000	117.722	19.237
268.324	34528.902	38800.082	24.921
26.384	28.961	1.017	14.780
12/13/2016 4:15:00 AM	454500.000	117.720	19.236
268.320	34517.703	38787.574	24.912
26.376	28.971	1.017	14.780
12/13/2016 4:30:00 AM	455400.000	117.722	19.237
268.326	34499.813	38767.250	24.897
26.362	28.986	1.017	14.774
12/13/2016 4:45:00 AM	456300.000	117.723	19.236
268.328	34502.234	38770.266	24.899
26.364	28.984	1.017	14.777
12/13/2016 5:00:00 AM	457200.000	117.732	19.237
268.348	34527.406	38798.324	24.919
26.383	28.962	1.017	14.775
12/13/2016 5:15:00 AM	458100.000	117.733	19.237
268.349	34506.734	38774.449	24.902
26.367	28.980	1.017	14.776
12/13/2016 5:30:00 AM	459000.000	117.748	19.236
268.384	34484.387	38750.430	24.885
26.350	28.999	1.017	14.776
12/13/2016 5:45:00 AM	459900.000	117.751	19.236
268.392	34503.324	38771.563	24.900
26.365	28.983	1.017	14.773
12/13/2016 6:00:00 AM	460800.000	117.758	19.237
268.407	34512.914	38782.043	24.908
26.372	28.975	1.017	14.779
12/13/2016 6:15:00 AM	461700.000	117.759	19.237
268.409	34520.680	38790.480	24.914
26.378	28.968	1.017	14.777
12/13/2016 6:30:00 AM	462600.000	117.758	19.237
268.406	34519.699	38789.457	24.913
26.377	28.969	1.017	14.784
12/13/2016 6:45:00 AM	463500.000	117.771	19.237
268.437	34506.660	38774.438	24.902
26.367	28.980	1.017	14.781
12/13/2016 7:00:00 AM	464400.000	117.781	19.237
268.459	34503.941	38771.672	24.900
26.365	28.982	1.017	14.785
12/13/2016 7:15:00 AM	465300.000	117.793	19.237
268.487	34519.027	38788.840	24.913
26.376	28.970	1.017	14.786
12/13/2016 7:30:00 AM	466200.000	117.803	19.237
268.508	34494.387	38760.715	24.893
26.357	28.990	1.017	14.782
12/13/2016 7:45:00 AM	467100.000	117.805	19.237
268.513	34512.578	38781.531	24.907
26.371	28.975	1.017	14.790
12/13/2016 8:00:00 AM	468000.000	117.827	19.237
268.565	34540.922	38812.867	24.930
26.393	28.951	1.017	14.791
12/13/2016 8:15:00 AM	468900.000	117.840	19.237

268.595	34510.824	38779.262	24.906
26.370	28.976	1.017	14.794
12/13/2016 8:30:00 AM	469800.000	117.854	19.236
268.626	34529.727	38801.156	24.921
26.385	28.961	1.017	14.795
12/13/2016 8:45:00 AM	470700.000	117.867	19.238
268.656	34515.840	38784.465	24.910
26.373	28.972	1.017	14.812
12/13/2016 9:00:00 AM	471600.000	117.868	19.238
268.656	34507.379	38775.023	24.903
26.367	28.979	1.017	14.798
12/13/2016 9:15:00 AM	472500.000	117.867	19.238
268.656	34483.285	38747.371	24.883
26.348	29.000	1.017	14.809
12/13/2016 9:30:00 AM	473400.000	117.885	19.237
268.696	34518.441	38787.742	24.912
26.376	28.970	1.017	14.810
12/13/2016 9:45:00 AM	474300.000	117.891	19.237
268.711	34510.957	38779.633	24.906
26.370	28.976	1.017	14.804
12/13/2016 10:00:00 AM	475200.000	117.894	19.238
268.718	34523.750	38793.418	24.916
26.380	28.966	1.017	14.811
12/13/2016 10:15:00 AM	476100.000	117.907	19.236
268.747	34527.414	38798.777	24.920
26.383	28.962	1.017	14.811
12/13/2016 10:30:00 AM	477000.000	117.908	19.237
268.748	34501.250	38768.934	24.898
26.363	28.984	1.017	14.807
12/13/2016 10:45:00 AM	477900.000	117.909	19.238
268.750	34514.066	38782.613	24.908
26.372	28.974	1.017	14.813
12/13/2016 11:00:00 AM	478800.000	117.919	19.238
268.773	34511.738	38779.996	24.906
26.370	28.976	1.017	14.810
12/13/2016 11:15:00 AM	479700.000	117.917	19.237
268.770	34538.992	38811.133	24.928
26.392	28.953	1.017	14.803
12/13/2016 11:30:00 AM	480600.000	117.916	19.237
268.767	34525.852	38796.656	24.918
26.382	28.964	1.017	14.803
12/13/2016 11:45:00 AM	481500.000	117.922	19.237
268.780	34537.859	38809.496	24.927
26.390	28.954	1.017	14.796
12/13/2016 12:00:00 PM	482400.000	117.925	19.237
268.787	34505.781	38773.895	24.902
26.366	28.981	1.017	14.797
12/13/2016 12:15:00 PM	483300.000	117.923	19.237
268.782	34495.020	38761.504	24.893
26.358	28.990	1.017	14.790
12/13/2016 12:30:00 PM	484200.000	117.912	19.237
268.758	34518.367	38787.883	24.912
26.376	28.970	1.017	14.783
12/13/2016 12:45:00 PM	485100.000	117.924	19.237

268.784	34516.633	38786.148	24.911
26.375	28.972	1.017	14.782
12/13/2016 1:00:00 PM	486000.000	117.912	19.238
268.758	34534.914	38806.039	24.925
26.388	28.956	1.017	14.779
12/13/2016 1:15:00 PM	486900.000	117.897	19.237
268.723	34493.594	38759.898	24.892
26.357	28.991	1.017	14.778
12/13/2016 1:30:00 PM	487800.000	117.884	19.236
268.693	34520.594	38791.113	24.914
26.378	28.968	1.017	14.780
12/13/2016 1:45:00 PM	488700.000	117.888	19.236
268.703	34487.227	38753.328	24.887
26.352	28.996	1.017	14.770
12/13/2016 2:00:00 PM	489600.000	117.868	19.237
268.658	34501.492	38768.922	24.898
26.363	28.984	1.017	14.766
12/13/2016 2:15:00 PM	490500.000	117.855	19.237
268.628	34480.375	38745.406	24.882
26.347	29.002	1.017	14.780
12/13/2016 2:30:00 PM	491400.000	117.847	19.237
268.610	34521.727	38791.945	24.915
26.379	28.967	1.017	14.778
12/13/2016 2:45:00 PM	492300.000	117.826	19.237
268.561	34499.848	38767.148	24.897
26.362	28.986	1.017	14.777
12/13/2016 3:00:00 PM	493200.000	117.810	19.236
268.524	34490.254	38756.875	24.890
26.355	28.994	1.017	14.776
12/13/2016 3:15:00 PM	494100.000	117.803	19.237
268.510	34501.141	38768.813	24.898
26.363	28.985	1.017	14.770
12/13/2016 3:30:00 PM	495000.000	117.796	19.236
268.494	34506.953	38776.074	24.903
26.368	28.980	1.017	14.769
12/13/2016 3:45:00 PM	495900.000	117.776	19.236
268.448	34495.832	38763.504	24.895
26.359	28.989	1.017	14.773
12/13/2016 4:00:00 PM	496800.000	117.756	19.237
268.402	34514.699	38783.914	24.909
26.373	28.973	1.017	14.771
12/13/2016 4:15:00 PM	497700.000	117.750	19.237
268.389	34500.414	38767.484	24.897
26.362	28.985	1.017	14.771
12/13/2016 4:30:00 PM	498600.000	117.728	19.237
268.339	34509.367	38777.699	24.905
26.369	28.978	1.017	14.769
12/13/2016 4:45:00 PM	499500.000	117.733	19.236
268.349	34524.926	38796.047	24.918
26.381	28.965	1.017	14.767
12/13/2016 5:00:00 PM	500400.000	117.728	19.236
268.338	34507.988	38777.164	24.904
26.368	28.979	1.017	14.766
12/13/2016 5:15:00 PM	501300.000	117.706	19.235

268.288	34502.660	38771.828	24.900
26.365	28.983	1.017	14.767
12/13/2016 5:30:00 PM	502200.000	117.695	19.236
268.263	34505.785	38774.613	24.902
26.367	28.981	1.017	14.761
12/13/2016 5:45:00 PM	503100.000	117.673	19.237
268.214	34482.988	38748.488	24.884
26.349	29.000	1.017	14.774
12/13/2016 6:00:00 PM	504000.000	117.676	19.237
268.220	34526.262	38796.906	24.918
26.382	28.963	1.017	14.771
12/13/2016 6:15:00 PM	504900.000	117.671	19.237
268.208	34506.473	38774.516	24.902
26.367	28.980	1.017	14.772
12/13/2016 6:30:00 PM	505800.000	117.660	19.236
268.184	34507.551	38776.676	24.904
26.368	28.979	1.017	14.775
12/13/2016 6:45:00 PM	506700.000	117.656	19.237
268.174	34501.992	38769.770	24.899
26.363	28.984	1.017	14.774
12/13/2016 7:00:00 PM	507600.000	117.660	19.237
268.183	34501.820	38769.652	24.899
26.363	28.984	1.017	14.774
12/13/2016 7:15:00 PM	508500.000	117.654	19.237
268.171	34519.477	38789.414	24.913
26.377	28.969	1.017	14.775
12/13/2016 7:30:00 PM	509400.000	117.658	19.236
268.178	34503.746	38772.039	24.901
26.365	28.982	1.017	14.768
12/13/2016 7:45:00 PM	510300.000	117.646	19.237
268.151	34497.637	38764.367	24.895
26.360	28.987	1.017	14.773
12/13/2016 8:00:00 PM	511200.000	117.658	19.237
268.179	34504.426	38772.578	24.901
26.365	28.982	1.017	14.777
12/13/2016 8:15:00 PM	512100.000	117.653	19.238
268.167	34505.426	38772.902	24.901
26.366	28.981	1.017	14.777
12/13/2016 8:30:00 PM	513000.000	117.659	19.236
268.180	34479.355	38744.773	24.881
26.346	29.003	1.017	14.777
12/13/2016 8:45:00 PM	513900.000	117.667	19.236
268.200	34526.246	38797.246	24.919
26.382	28.963	1.017	14.776
12/13/2016 9:00:00 PM	514800.000	117.665	19.237
268.196	34490.969	38757.098	24.890
26.355	28.993	1.017	14.781
12/13/2016 9:15:00 PM	515700.000	117.688	19.237
268.247	34494.832	38761.797	24.893
26.358	28.990	1.017	14.776
12/13/2016 9:30:00 PM	516600.000	117.670	19.237
268.205	34514.941	38783.809	24.909
26.373	28.973	1.017	14.777
12/13/2016 9:45:00 PM	517500.000	117.692	19.236

268.256	34510.438	38779.559	24.906
26.370	28.977	1.017	14.779
12/13/2016 10:00:00 PM	518400.000	117.695	19.236
268.264	34516.664	38786.410	24.911
26.375	28.972	1.017	14.780
12/13/2016 10:15:00 PM	519300.000	117.685	19.237
268.241	34514.746	38783.668	24.909
26.373	28.973	1.017	14.793
12/13/2016 10:30:00 PM	520200.000	117.702	19.237
268.279	34539.977	38811.941	24.929
26.392	28.952	1.017	14.786
12/13/2016 10:45:00 PM	521100.000	117.700	19.237
268.276	34513.004	38781.934	24.908
26.372	28.975	1.017	14.793
12/13/2016 11:00:00 PM	522000.000	117.715	19.237
268.309	34499.953	38767.477	24.897
26.362	28.986	1.017	14.785
12/13/2016 11:15:00 PM	522900.000	117.730	19.237
268.343	34507.961	38776.191	24.904
26.368	28.979	1.017	14.777
12/13/2016 11:30:00 PM	523800.000	117.728	19.237
268.338	34522.637	38792.320	24.915
26.379	28.967	1.017	14.785
12/13/2016 11:45:00 PM	524700.000	117.733	19.238
268.350	34533.531	38804.410	24.924
26.387	28.957	1.017	14.778
12/14/2016 12:00:00 AM	525600.000	117.730	19.236
268.344	34523.051	38793.586	24.916
26.380	28.966	1.017	14.787
12/14/2016 12:15:00 AM	526500.000	117.739	19.237
268.364	34524.570	38794.785	24.917
26.380	28.965	1.017	14.782
12/14/2016 12:30:00 AM	527400.000	117.732	19.236
268.348	34508.184	38777.309	24.904
26.369	28.979	1.017	14.784
12/14/2016 12:45:00 AM	528300.000	117.733	19.236
268.349	34519.809	38790.012	24.913
26.377	28.969	1.017	14.783
12/14/2016 1:00:00 AM	529200.000	117.753	19.237
268.396	34516.492	38786.063	24.911
26.375	28.972	1.017	14.776
12/14/2016 1:15:00 AM	530100.000	117.771	19.238
268.437	34522.754	38792.297	24.915
26.379	28.966	1.017	14.767
12/14/2016 1:30:00 AM	531000.000	117.761	19.237
268.415	34488.773	38754.781	24.888
26.353	28.995	1.017	14.775
12/14/2016 1:45:00 AM	531900.000	117.755	19.237
268.400	34500.965	38768.258	24.898
26.362	28.985	1.017	14.770
12/14/2016 2:00:00 AM	532800.000	117.762	19.236
268.415	34514.953	38784.992	24.910
26.374	28.973	1.017	14.776
12/14/2016 2:15:00 AM	533700.000	117.762	19.237

268.416	34522.215	38792.281	24.915
26.379	28.967	1.017	14.779
12/14/2016 2:30:00 AM	534600.000	117.757	19.237
268.404	34514.684	38783.676	24.909
26.373	28.973	1.017	14.779
12/14/2016 2:45:00 AM	535500.000	117.762	19.237
268.415	34507.098	38775.434	24.903
26.367	28.980	1.017	14.780
12/14/2016 3:00:00 AM	536400.000	117.755	19.237
268.401	34519.016	38788.766	24.913
26.376	28.970	1.017	14.779
12/14/2016 3:15:00 AM	537300.000	117.760	19.236
268.412	34508.965	38777.758	24.905
26.369	28.978	1.017	14.779
12/14/2016 3:30:00 AM	538200.000	117.755	19.237
268.401	34498.734	38765.977	24.896
26.361	28.987	1.017	14.783
12/14/2016 3:45:00 AM	539100.000	117.754	19.236
268.397	34492.965	38760.355	24.892
26.357	28.991	1.017	14.778
12/14/2016 4:00:00 AM	540000.000	117.771	19.237
268.436	34530.730	38802.063	24.922
26.385	28.960	1.017	14.767
12/14/2016 4:15:00 AM	540900.000	117.769	19.236
268.432	34520.547	38790.918	24.914
26.378	28.968	1.017	14.767
12/14/2016 4:30:00 AM	541800.000	117.775	19.236
268.445	34514.469	38784.012	24.909
26.373	28.973	1.017	14.763
12/14/2016 4:45:00 AM	542700.000	117.777	19.237
268.449	34509.461	38778.238	24.905
26.369	28.978	1.017	14.755
12/14/2016 5:00:00 AM	543600.000	117.772	19.237
268.439	34509.941	38778.777	24.905
26.370	28.977	1.017	14.757
12/14/2016 5:15:00 AM	544500.000	117.772	19.236
268.438	34520.859	38791.480	24.914
26.378	28.968	1.017	14.763
12/14/2016 5:30:00 AM	545400.000	117.777	19.238
268.450	34501.016	38767.809	24.898
26.362	28.985	1.017	14.758
12/14/2016 5:45:00 AM	546300.000	117.776	19.238
268.449	34503.980	38771.277	24.900
26.364	28.982	1.017	14.762
12/14/2016 6:00:00 AM	547200.000	117.775	19.236
268.445	34521.699	38792.137	24.915
26.379	28.967	1.017	14.763
12/14/2016 6:15:00 AM	548100.000	117.778	19.237
268.452	34500.449	38767.750	24.898
26.362	28.985	1.017	14.760
12/14/2016 6:30:00 AM	549000.000	117.791	19.237
268.482	34498.398	38765.375	24.896
26.360	28.987	1.017	14.759
12/14/2016 6:45:00 AM	549900.000	117.794	19.236

268.489	34483.586	38749.383	24.885
26.350	28.999	1.017	14.764
12/14/2016 7:00:00 AM	550800.000	117.793	19.237
268.486	34515.520	38784.898	24.910
26.374	28.972	1.017	14.765
12/14/2016 7:15:00 AM	551700.000	117.810	19.237
268.525	34518.785	38788.281	24.912
26.376	28.970	1.017	14.769
12/14/2016 7:30:00 AM	552600.000	117.817	19.237
268.542	34509.816	38778.430	24.905
26.369	28.977	1.017	14.760
12/14/2016 7:45:00 AM	553500.000	117.832	19.237
268.575	34502.016	38769.664	24.899
26.363	28.984	1.017	14.759
12/14/2016 8:00:00 AM	554400.000	117.837	19.237
268.586	34514.309	38783.254	24.909
26.373	28.973	1.017	14.755
12/14/2016 8:15:00 AM	555300.000	117.849	19.237
268.615	34519.004	38788.527	24.912
26.376	28.970	1.017	14.761
12/14/2016 8:30:00 AM	556200.000	117.851	19.237
268.619	34514.957	38783.828	24.909
26.373	28.973	1.017	14.764
12/14/2016 8:45:00 AM	557100.000	117.869	19.237
268.660	34500.875	38768.379	24.898
26.362	28.985	1.017	14.761
12/14/2016 9:00:00 AM	558000.000	117.885	19.238
268.696	34512.844	38780.805	24.907
26.371	28.975	1.017	14.757
12/14/2016 9:15:00 AM	558900.000	117.873	19.238
268.668	34524.512	38794.211	24.916
26.380	28.965	1.017	14.777
12/14/2016 9:30:00 AM	559800.000	117.892	19.236
268.713	34505.355	38773.992	24.902
26.366	28.981	1.017	14.773
12/14/2016 9:45:00 AM	560700.000	117.899	19.237
268.728	34527.203	38797.449	24.919
26.382	28.963	1.017	14.775
12/14/2016 10:00:00 AM	561600.000	117.912	19.237
268.758	34513.836	38782.793	24.908
26.372	28.974	1.017	14.770
12/14/2016 10:15:00 AM	562500.000	117.910	19.237
268.754	34504.180	38771.941	24.901
26.365	28.982	1.017	14.773
12/14/2016 10:30:00 AM	563400.000	117.933	19.237
268.805	34513.027	38782.035	24.908
26.372	28.975	1.017	14.769
12/14/2016 10:45:00 AM	564300.000	117.937	19.238
268.815	34513.734	38782.238	24.908
26.372	28.974	1.017	14.774
12/14/2016 11:00:00 AM	565200.000	117.946	19.238
268.836	34524.203	38793.793	24.916
26.380	28.965	1.017	14.769
12/14/2016 11:15:00 AM	566100.000	117.946	19.238

268.835	34517.109	38785.957	24.911
26.374	28.971	1.017	14.768
12/14/2016 11:30:00 AM	567000.000	117.954	19.238
268.853	34510.344	38778.430	24.905
26.369	28.977	1.017	14.768
12/14/2016 11:45:00 AM	567900.000	117.952	19.237
268.850	34515.813	38784.723	24.910
26.374	28.972	1.017	14.766
12/14/2016 12:00:00 PM	568800.000	117.962	19.237
268.872	34515.668	38784.852	24.910
26.374	28.972	1.017	14.756
12/14/2016 12:15:00 PM	569700.000	117.965	19.237
268.879	34517.199	38786.281	24.911
26.375	28.971	1.017	14.757
12/14/2016 12:30:00 PM	570600.000	117.966	19.237
268.881	34507.902	38775.902	24.903
26.368	28.979	1.017	14.749
12/14/2016 12:45:00 PM	571500.000	117.958	19.236
268.864	34496.484	38763.879	24.895
26.359	28.988	1.017	14.750
12/14/2016 1:00:00 PM	572400.000	117.960	19.237
268.867	34494.883	38761.711	24.893
26.358	28.990	1.017	14.750
12/14/2016 1:15:00 PM	573300.000	117.955	19.238
268.855	34513.809	38782.246	24.908
26.372	28.974	1.017	14.751
12/14/2016 1:30:00 PM	574200.000	117.951	19.237
268.846	34519.809	38789.789	24.913
26.377	28.969	1.017	14.750
12/14/2016 1:45:00 PM	575100.000	117.940	19.236
268.822	34516.445	38786.309	24.911
26.375	28.972	1.017	14.747
12/14/2016 2:00:00 PM	576000.000	117.933	19.236
268.806	34520.551	38790.922	24.914
26.378	28.968	1.017	14.742
12/14/2016 2:15:00 PM	576900.000	117.927	19.236
268.791	34511.031	38780.512	24.907
26.371	28.976	1.017	14.743
12/14/2016 2:30:00 PM	577800.000	117.921	19.237
268.779	34521.371	38791.621	24.915
26.378	28.968	1.017	14.747
12/14/2016 2:45:00 PM	578700.000	117.905	19.237
268.741	34502.316	38770.000	24.899
26.364	28.984	1.017	14.740
12/14/2016 3:00:00 PM	579600.000	117.885	19.236
268.697	34501.055	38768.867	24.898
26.363	28.985	1.017	14.747
12/14/2016 3:15:00 PM	580500.000	117.888	19.237
268.703	34495.211	38762.148	24.894
26.358	28.990	1.017	14.736
12/14/2016 3:30:00 PM	581400.000	117.865	19.237
268.650	34506.961	38775.066	24.903
26.367	28.980	1.017	14.742
12/14/2016 3:45:00 PM	582300.000	117.855	19.236

268.627	34521.184	38791.777	24.915
26.378	28.968	1.017	14.736
12/14/2016 4:00:00 PM	583200.000	117.844	19.237
268.603	34519.285	38788.988	24.913
26.377	28.969	1.017	14.731
12/14/2016 4:15:00 PM	584100.000	117.824	19.236
268.557	34516.820	38787.160	24.911
26.375	28.971	1.017	14.744
12/14/2016 4:30:00 PM	585000.000	117.819	19.236
268.545	34497.082	38764.551	24.895
26.360	28.988	1.017	14.739
12/14/2016 4:45:00 PM	585900.000	117.800	19.237
268.503	34506.977	38775.371	24.903
26.367	28.980	1.017	14.736
12/14/2016 5:00:00 PM	586800.000	117.786	19.237
268.471	34515.504	38785.027	24.910
26.374	28.972	1.017	14.738
12/14/2016 5:15:00 PM	587700.000	117.773	19.236
268.440	34513.547	38783.195	24.909
26.373	28.974	1.017	14.740
12/14/2016 5:30:00 PM	588600.000	117.755	19.236
268.399	34493.719	38761.199	24.893
26.358	28.991	1.017	14.740
12/14/2016 5:45:00 PM	589500.000	117.750	19.236
268.389	34533.391	38805.496	24.924
26.388	28.957	1.017	14.738
12/14/2016 6:00:00 PM	590400.000	117.740	19.236
268.367	34511.234	38780.738	24.907
26.371	28.976	1.017	14.741
12/14/2016 6:15:00 PM	591300.000	117.720	19.236
268.321	34493.730	38760.930	24.893
26.357	28.991	1.017	14.739
12/14/2016 6:30:00 PM	592200.000	117.723	19.236
268.328	34519.891	38790.180	24.914
26.377	28.969	1.017	14.737
12/14/2016 6:45:00 PM	593100.000	117.724	19.236
268.330	34490.902	38757.531	24.890
26.355	28.993	1.017	14.737
12/14/2016 7:00:00 PM	594000.000	117.696	19.237
268.266	34503.332	38770.918	24.900
26.364	28.983	1.017	14.736
12/14/2016 7:15:00 PM	594900.000	117.700	19.236
268.274	34482.969	38748.691	24.884
26.349	29.000	1.017	14.742
12/14/2016 7:30:00 PM	595800.000	117.696	19.237
268.266	34498.859	38765.891	24.896
26.361	28.986	1.017	14.732
12/14/2016 7:45:00 PM	596700.000	117.695	19.236
268.264	34503.793	38772.090	24.901
26.365	28.982	1.017	14.733
12/14/2016 8:00:00 PM	597600.000	117.684	19.236
268.237	34486.270	38752.762	24.887
26.352	28.997	1.017	14.730
12/14/2016 8:15:00 PM	598500.000	117.685	19.237

268.241	34489.477	38755.574	24.889
26.354	28.994	1.017	14.730
12/14/2016 8:30:00 PM	599400.000	117.680	19.237
268.229	34496.668	38763.785	24.895
26.359	28.988	1.017	14.735
12/14/2016 8:45:00 PM	600300.000	117.690	19.237
268.253	34478.313	38742.512	24.880
26.345	29.004	1.017	14.736
12/14/2016 9:00:00 PM	601200.000	117.683	19.237
268.235	34477.004	38741.258	24.879
26.344	29.005	1.017	14.746
12/14/2016 9:15:00 PM	602100.000	117.685	19.237
268.241	34488.348	38754.305	24.888
26.353	28.995	1.017	14.743
12/14/2016 9:30:00 PM	603000.000	117.687	19.237
268.244	34482.707	38748.172	24.884
26.349	29.000	1.017	14.743
12/14/2016 9:45:00 PM	603900.000	117.709	19.237
268.295	34499.914	38767.363	24.897
26.362	28.986	1.017	14.743
12/14/2016 10:00:00 PM	604800.000	117.708	19.236
268.294	34511.934	38781.164	24.907
26.371	28.975	1.017	14.744
12/14/2016 10:15:00 PM	605700.000	117.716	19.236
268.312	34515.707	38785.332	24.910
26.374	28.972	1.017	14.744
12/14/2016 10:30:00 PM	606600.000	117.721	19.236
268.322	34507.984	38777.012	24.904
26.368	28.979	1.017	14.738
12/14/2016 10:45:00 PM	607500.000	117.712	19.236
268.301	34508.387	38777.254	24.904
26.369	28.978	1.017	14.745
12/14/2016 11:00:00 PM	608400.000	117.729	19.237
268.340	34509.414	38777.898	24.905
26.369	28.978	1.017	14.742
12/14/2016 11:15:00 PM	609300.000	117.728	19.237
268.339	34517.305	38786.766	24.911
26.375	28.971	1.017	14.742
12/14/2016 11:30:00 PM	610200.000	117.739	19.237
268.364	34510.465	38779.078	24.906
26.370	28.977	1.017	14.741
12/14/2016 11:45:00 PM	611100.000	117.746	19.238
268.379	34525.832	38795.625	24.917
26.381	28.964	1.017	14.744

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	TEMPERAT	CONDUCTIVITY
12/8/2016	0:00:00	0	134.944	18.1	5222.3
12/8/2016	0:15:00	0	134.948	18.1	5179
12/8/2016	0:30:00	0	134.935	18.1	5360
12/8/2016	0:45:00	0	134.92	18.1	5364.5
12/8/2016	1:00:00	0	134.92	18.1	5486.3
12/8/2016	1:15:00	0	134.978	18.1	5413.5
12/8/2016	1:30:00	0	134.964	18.1	5496.5
12/8/2016	1:45:00	0	134.963	18.1	5528.4
12/8/2016	2:00:00	0	134.944	18.1	5307.6
12/8/2016	2:15:00	0	134.941	18.1	5397.5
12/8/2016	2:30:00	0	134.907	18.1	5493.1
12/8/2016	2:45:00	0	134.907	18.1	5529.5
12/8/2016	3:00:00	0	134.933	18.1	5370.2
12/8/2016	3:15:00	0	134.982	18.1	5464.7
12/8/2016	3:30:00	0	134.979	18.1	5358.8
12/8/2016	3:45:00	0	134.953	18.1	5380.5
12/8/2016	4:00:00	0	134.975	18.1	5323.6
12/8/2016	4:15:00	0	134.963	18.1	5325.8
12/8/2016	4:30:00	0	134.999	18.1	5309.9
12/8/2016	4:45:00	0	135.007	18.1	5286
12/8/2016	5:00:00	0	134.96	18.1	5353.2
12/8/2016	5:15:00	0	134.997	18.1	5284.9
12/8/2016	5:30:00	0	134.993	18.1	5329.3
12/8/2016	5:45:00	0	134.986	18.1	5258.7
12/8/2016	6:00:00	0	135.008	18.1	5210.9
12/8/2016	6:15:00	0	135.04	18.1	5044.8
12/8/2016	6:30:00	0	135.031	18.1	5042.5
12/8/2016	6:45:00	0	135.008	18.1	5115.3
12/8/2016	7:00:00	0	134.972	18.1	5070.9
12/8/2016	7:15:00	0	135.02	18.1	4938.9
12/8/2016	7:30:00	0	135.04	18.1	4946.9

12/8/2016	7:45:00	0	135.036	18.1	4907.1
12/8/2016	8:00:00	0	135.016	18.1	4945.7
12/8/2016	8:15:00	0	135.023	18.1	4811.5
12/8/2016	8:30:00	0	135.014	18.1	4952.6
12/8/2016	8:45:00	0	135.049	18.1	4885.4
12/8/2016	9:00:00	0	135.061	18.1	4842.2
12/8/2016	9:15:00	0	135.052	18.1	4788.7
12/8/2016	9:30:00	0	135.063	18.1	4811.5
12/8/2016	9:45:00	0	135.039	18.1	4793.3
12/8/2016	10:00:00	0	135.053	18.1	4898
12/8/2016	10:15:00	0	135.027	18.1	4919.6
12/8/2016	10:30:00	0	135.028	18.1	4917.3
12/8/2016	10:45:00	0	135.056	18.1	4802.4
12/8/2016	11:00:00	0	135.02	18.1	4880.9
12/8/2016	11:15:00	0	135.006	18.1	4853.6
12/8/2016	11:30:00	0	135.052	18.1	4951.4
12/8/2016	11:45:00	0	135.037	18.1	5003.8
12/8/2016	12:00:00	0	135.037	18.1	5064.1
12/8/2016	12:15:00	0	134.995	18.1	5025.4
12/8/2016	12:30:00	0	135.016	18.1	5205.2
12/8/2016	12:45:00	0	135.014	18.1	5020.9
12/8/2016	13:00:00	0	135.037	18.1	5036.8
12/8/2016	13:15:00	0	135.042	18.1	5136.9
12/8/2016	13:30:00	0	135.039	18.1	5037.9
12/8/2016	13:45:00	0	135.036	18.1	5082.3
12/8/2016	14:00:00	0	135.052	18.1	5107.3
12/8/2016	14:15:00	0	135.048	18.1	5149.5
12/8/2016	14:30:00	0	135.039	18.1	5114.2
12/8/2016	14:45:00	0	135.08	18.1	5130.1
12/8/2016	15:00:00	0	135.065	18.1	5231.4
12/8/2016	15:15:00	0	135.062	18.1	5141.5
12/8/2016	15:30:00	0	135.045	18.1	5187
12/8/2016	15:45:00	0	135.043	18.1	5172.2
12/8/2016	16:00:00	0	135.036	18.1	5151.7
12/8/2016	16:15:00	0	135.032	18.1	5150.6
12/8/2016	16:30:00	0	135.055	18.1	5160.8
12/8/2016	16:45:00	0	135.05	18.1	5088
12/8/2016	17:00:00	0	135.052	18.1	5182.5
12/8/2016	17:15:00	0	135.076	18.1	5216.6
12/8/2016	17:30:00	0	135.058	18.1	5225.7
12/8/2016	17:45:00	0	135.054	18.1	5201.8
12/8/2016	18:00:00	0	135.046	18.1	5042.5
12/8/2016	18:15:00	0	135.043	18.1	5114.2
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12/8/2016	22:15:00	0	135.024	18.1	5225.7
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12/9/2016	6:45:00	0	135.161	18.1	5017.4
12/9/2016	7:00:00	0	135.142	18.1	5001.5

12/9/2016	7:15:00	0	135.149	18.1	5026.5
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12/9/2016	9:15:00	0	135.206	18.1	4781.9
12/9/2016	9:30:00	0	135.201	18.1	4849
12/9/2016	9:45:00	0	135.212	18.1	4898
12/9/2016	10:00:00	0	135.203	18.1	4770.5
12/9/2016	10:15:00	0	135.186	18.1	4688.6
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12/9/2016	14:15:00	0	135.183	18.1	5037.9
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12/9/2016	15:45:00	0	135.184	18.1	5105.1
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12/9/2016	16:15:00	0	135.174	18.1	5108.5
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12/9/2016	17:00:00	0	135.142	18.1	5135.8
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12/9/2016	17:45:00	0	135.126	18.1	5115.3
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12/9/2016	18:15:00	0	135.145	18.1	5109.6
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12/9/2016	20:30:00	0	135.152	18.1	4971.9
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12/9/2016	22:00:00	0	135.181	18.1	4907.1
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12/9/2016	22:30:00	0	135.143	18.1	5006.1
12/9/2016	22:45:00	0	135.165	18.1	4920.7
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12/9/2016	23:30:00	0	135.172	18.1	4946.9
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12/10/2016	0:00:00	0	135.173	18.1	4933.2
12/10/2016	0:15:00	0	135.194	18.1	5000.4
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12/10/2016	8:30:00	0	135.355	18.1	4549.7
12/10/2016	8:45:00	0	135.362	18.1	4482.6
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12/10/2016	9:15:00	0	135.356	18.1	4511
12/10/2016	9:30:00	0	135.353	18.1	4481.4
12/10/2016	9:45:00	0	135.37	18.1	4445
12/10/2016	10:00:00	0	135.391	18.1	4430.2
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12/10/2016	11:15:00	0	135.392	18.1	4409.8
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12/10/2016	14:45:00	0	135.342	18.1	4938.9
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12/10/2016	15:15:00	0	135.382	18.1	5105.1
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12/10/2016	17:00:00	0	135.342	18.1	5184.7
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12/10/2016	17:30:00	0	135.326	18.1	5231.4
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12/10/2016	18:15:00	0	135.297	18.1	5297.4

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12/10/2016	19:15:00	0	135.309	18.1	5166.5
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12/10/2016	21:15:00	0	135.287	18.1	5016.3
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12/11/2016	7:45:00	0	135.503	18.1	4635.1
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12/11/2016	11:45:00	0	135.52	18.1	4323.3
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12/11/2016	19:30:00	0	135.401	18.1	5289.4
12/11/2016	19:45:00	0	135.385	18.1	5355.4
12/11/2016	20:00:00	0	135.401	18.1	5306.5
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12/11/2016	22:15:00	0	135.396	18.1	5064.1
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12/11/2016	23:45:00	0	135.413	18.1	4929.8
12/12/2016	0:00:00	0	135.416	18.1	4941.2
12/12/2016	0:15:00	0	135.418	18.1	4903.6
12/12/2016	0:30:00	0	135.408	18.1	4995.8
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12/12/2016	2:15:00	0	135.431	18.1	4899.1
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12/12/2016	2:45:00	0	135.444	18.1	4946.9
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12/12/2016	3:15:00	0	135.431	18.1	4962.8
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12/12/2016	15:30:00	0	135.599	18.1	4802.4
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12/12/2016	17:00:00	0	135.513	18.1	5168.8
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12/13/2016	6:00:00	0	135.612	18.1	4935.5
12/13/2016	6:15:00	0	135.583	18.1	4903.6
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12/14/2016	19:45:00	0	135.56	18.1	5353.2
12/14/2016	20:00:00	0	135.578	18.1	5411.2
12/14/2016	20:15:00	0	135.538	18.1	5398.7
12/14/2016	20:30:00	0	135.532	18.1	5481.7
12/14/2016	20:45:00	0	135.564	18.1	5430.5
12/14/2016	21:00:00	0	135.537	18.1	5460.1
12/14/2016	21:15:00	0	135.534	18.1	5477.2
12/14/2016	21:30:00	0	135.553	18.1	5497.7
12/14/2016	21:45:00	0	135.572	18.1	5482.9
12/14/2016	22:00:00	0	135.53	18.1	5446.5
12/14/2016	22:15:00	0	135.529	18.1	5369.1
12/14/2016	22:30:00	0	135.518	18.1	5377
12/14/2016	22:45:00	0	135.541	18.1	5435.1
12/14/2016	23:00:00	0	135.527	18.1	5340.6
12/14/2016	23:15:00	0	135.549	18.1	5294
12/14/2016	23:30:00	0	135.585	18.1	5259.8
12/14/2016	23:45:00	0	135.541	18.1	5262.1

Report Date: 12/19/2016 10:29:50 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-7S LT Test_2016-12-15_12-11-42-808-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/28/2015 4:09:52 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM	Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM	Device Taken Offline
11/28/2015 4:13:26 PM	Conductivity calibration. Sensor SN: 427086 Cell Constant: 1.01973 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 4:14:17 PM	Device Put Online
11/28/2015 4:14:18 PM	Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55:05 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40:32 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54:49 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM
12/17/2015 10:22:31 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36:01 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52:24 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56:04 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06:16 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45:03 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12:00 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53:38 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 2:24:53 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41:10 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03:59 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09:55 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM

4/21/2016 9:05:20 AM Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM
4/28/2016 10:19:22 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15:57 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13:18 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16:23 PM Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37:42 AM Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47:40 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35:24 AM Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23:58 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06:49 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55:42 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18:07 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 3:47:33 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 4:46:41 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 5:35:19 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45:40 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27:05 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 2:52:48 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/25/2016 1:03:44 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 2:00:00 PM
9/1/2016 10:04:43 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 10:45:00 AM
9/8/2016 5:49:23 PM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 5:45:00 PM
9/15/2016 1:15:00 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 2:00:00 PM
9/22/2016 11:02:04 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 12:00:00 PM
10/1/2016 9:35:42 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 10:30:00 AM
10/7/2016 4:29:40 PM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:15:00 PM
10/7/2016 4:30:09 PM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:30:00 PM
10/13/2016 3:44:56 PM Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:30:00 PM
10/20/2016 3:35:05 PM Log Download - Used Battery: 17% Used Memory: 39% User Name: SKuiper Interval -

Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:00:00 PM
10/27/2016 3:10:37 PM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 3:00:00 PM
11/3/2016 2:59:25 PM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 3:45:00 PM
11/10/2016 4:15:44 PM Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/10/2016 5:00:00 PM
11/17/2016 1:58:52 PM Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 2:45:00 PM
11/24/2016 11:29:41 AM Log Download - Used Battery: 18% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM
12/1/2016 4:20:25 PM Log Download - Used Battery: 19% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/1/2016 4:15:00 PM
12/9/2016 10:49:35 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:30:00 AM
12/15/2016 12:10:14 PM Log Download - Used Battery: 19% Used Memory: 45% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 12:45:00 PM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 729
Sensors: 2
1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: PCTD(A) 35.8ft SN#: 427086	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	12.250	17.653	27.922	1834.154	2133.568	1.451	1.101	545.211	1.000	14.776
12/8/2016 12:15:00 AM	8100.000	12.242	17.651	27.904	1831.024	2130.010	1.448	1.099	546.143	1.000	14.783
12/8/2016 12:30:00 AM	9000.000	12.243	17.653	27.905	1824.623	2122.470	1.443	1.095	548.058	1.000	14.783

12/8/2016 12:45:00 AM	9900.000	12.252	17.653
27.927	1817.855	2114.610	1.438
1.091	550.099	0.999	14.771
12/8/2016 1:00:00 AM	10800.000	12.249	17.655
27.918	1818.168	2114.875	1.438
1.091	550.004	0.999	14.774
12/8/2016 1:15:00 AM	11700.000	12.249	17.653
27.920	1815.398	2111.739	1.436
1.090	550.844	0.999	14.774
12/8/2016 1:30:00 AM	12600.000	12.251	17.657
27.923	1818.350	2114.987	1.438
1.091	549.949	0.999	14.771
12/8/2016 1:45:00 AM	13500.000	12.249	17.656
27.920	1820.398	2117.423	1.440
1.093	549.331	0.999	14.769
12/8/2016 2:00:00 AM	14400.000	12.250	17.655
27.922	1826.959	2125.100	1.445
1.097	547.358	1.000	14.768
12/8/2016 2:15:00 AM	15300.000	12.255	17.656
27.932	1827.667	2125.866	1.446
1.097	547.146	1.000	14.766
12/8/2016 2:30:00 AM	16200.000	12.246	17.656
27.912	1831.978	2130.897	1.449
1.100	545.858	1.000	14.772
12/8/2016 2:45:00 AM	17100.000	12.245	17.654
27.910	1830.568	2129.324	1.448
1.099	546.278	1.000	14.770
12/8/2016 3:00:00 AM	18000.000	12.252	17.655
27.926	1835.026	2134.484	1.451
1.102	544.951	1.000	14.765
12/8/2016 3:15:00 AM	18900.000	12.251	17.653
27.923	1830.509	2129.295	1.448
1.099	546.296	1.000	14.765
12/8/2016 3:30:00 AM	19800.000	12.254	17.653
27.931	1829.479	2128.093	1.447
1.098	546.604	1.000	14.761
12/8/2016 3:45:00 AM	20700.000	12.256	17.655
27.936	1833.116	2132.241	1.450
1.101	545.519	1.000	14.757
12/8/2016 4:00:00 AM	21600.000	12.247	17.654
27.914	1834.102	2133.450	1.451
1.101	545.226	1.000	14.767
12/8/2016 4:15:00 AM	22500.000	12.252	17.653
27.925	1832.746	2131.927	1.450
1.101	545.629	1.000	14.760
12/8/2016 4:30:00 AM	23400.000	12.250	17.656
27.923	1834.900	2134.262	1.451
1.102	544.989	1.000	14.760
12/8/2016 4:45:00 AM	24300.000	12.247	17.654
27.914	1831.762	2130.729	1.449
1.100	545.922	1.000	14.763
12/8/2016 5:00:00 AM	25200.000	12.247	17.652
27.915	1826.188	2124.340	1.445
1.096	547.589	1.000	14.762
12/8/2016 5:15:00 AM	26100.000	12.252	17.652

27.926	1821.405	2118.750	1.441
1.093	549.027	1.000	14.757
12/8/2016 5:30:00 AM	27000.000	12.240	17.654
27.899	1823.009	2120.551	1.442
1.094	548.544	1.000	14.769
12/8/2016 5:45:00 AM	27900.000	12.240	17.653
27.898	1825.920	2123.961	1.444
1.096	547.669	1.000	14.770
12/8/2016 6:00:00 AM	28800.000	12.240	17.651
27.898	1825.496	2123.568	1.444
1.096	547.796	1.000	14.770
12/8/2016 6:15:00 AM	29700.000	12.244	17.652
27.907	1823.522	2121.226	1.442
1.095	548.389	1.000	14.766
12/8/2016 6:30:00 AM	30600.000	12.231	17.653
27.877	1824.333	2122.124	1.443
1.095	548.146	1.000	14.779
12/8/2016 6:45:00 AM	31500.000	12.239	17.655
27.896	1825.612	2123.538	1.444
1.096	547.761	1.000	14.770
12/8/2016 7:00:00 AM	32400.000	12.233	17.654
27.883	1827.866	2126.184	1.446
1.097	547.086	1.000	14.778
12/8/2016 7:15:00 AM	33300.000	12.228	17.655
27.872	1831.883	2130.836	1.449
1.100	545.886	1.000	14.782
12/8/2016 7:30:00 AM	34200.000	12.238	17.655
27.894	1830.177	2128.840	1.448
1.099	546.395	1.000	14.773
12/8/2016 7:45:00 AM	35100.000	12.235	17.652
27.888	1830.887	2129.793	1.448
1.099	546.183	1.000	14.779
12/8/2016 8:00:00 AM	36000.000	12.230	17.653
27.876	1831.803	2130.810	1.449
1.100	545.910	1.000	14.783
12/8/2016 8:15:00 AM	36900.000	12.232	17.655
27.881	1829.154	2127.636	1.447
1.098	546.701	1.000	14.782
12/8/2016 8:30:00 AM	37800.000	12.229	17.654
27.873	1829.812	2128.431	1.447
1.099	546.504	1.000	14.787
12/8/2016 8:45:00 AM	38700.000	12.224	17.652
27.863	1826.618	2124.820	1.445
1.097	547.460	1.000	14.793
12/8/2016 9:00:00 AM	39600.000	12.225	17.653
27.864	1826.135	2124.241	1.444
1.096	547.605	1.000	14.795
12/8/2016 9:15:00 AM	40500.000	12.224	17.654
27.863	1828.200	2126.585	1.446
1.098	546.986	1.000	14.797
12/8/2016 9:30:00 AM	41400.000	12.225	17.653
27.864	1831.389	2130.340	1.449
1.100	546.034	1.000	14.798
12/8/2016 9:45:00 AM	42300.000	12.216	17.655
27.844	1832.915	2131.999	1.450

1.101	545.579	1.000	14.809
12/8/2016 10:00:00 AM	43200.000	12.213	17.653
27.837	1833.860	2133.211	1.451
1.101	545.298	1.000	14.814
12/8/2016 10:15:00 AM	44100.000	12.221	17.653
27.855	1830.204	2128.940	1.448
1.099	546.387	1.000	14.809
12/8/2016 10:30:00 AM	45000.000	12.227	17.655
27.869	1834.277	2133.604	1.451
1.101	545.174	1.000	14.803
12/8/2016 10:45:00 AM	45900.000	12.230	17.657
27.876	1828.734	2127.077	1.446
1.098	546.827	1.000	14.808
12/8/2016 11:00:00 AM	46800.000	12.224	17.655
27.862	1832.787	2131.883	1.450
1.100	545.617	1.000	14.812
12/8/2016 11:15:00 AM	47700.000	12.233	17.655
27.883	1833.455	2132.665	1.450
1.101	545.418	1.000	14.803
12/8/2016 11:30:00 AM	48600.000	12.241	17.655
27.901	1831.191	2130.014	1.448
1.099	546.093	1.000	14.796
12/8/2016 11:45:00 AM	49500.000	12.238	17.653
27.895	1834.070	2133.447	1.451
1.101	545.235	1.000	14.799
12/8/2016 12:00:00 PM	50400.000	12.244	17.655
27.907	1839.230	2139.374	1.455
1.105	543.706	1.000	14.792
12/8/2016 12:15:00 PM	51300.000	12.245	17.655
27.911	1841.406	2141.887	1.456
1.106	543.063	1.000	14.790
12/8/2016 12:30:00 PM	52200.000	12.245	17.655
27.911	1840.215	2140.528	1.456
1.105	543.415	1.000	14.791
12/8/2016 12:45:00 PM	53100.000	12.237	17.654
27.891	1835.308	2134.845	1.452
1.102	544.868	1.000	14.798
12/8/2016 1:00:00 PM	54000.000	12.243	17.654
27.905	1836.036	2135.709	1.452
1.103	544.651	1.000	14.792
12/8/2016 1:15:00 PM	54900.000	12.240	17.655
27.898	1836.617	2136.330	1.453
1.103	544.479	1.000	14.796
12/8/2016 1:30:00 PM	55800.000	12.239	17.652
27.897	1835.744	2135.444	1.452
1.102	544.738	1.000	14.796
12/8/2016 1:45:00 PM	56700.000	12.240	17.651
27.899	1829.639	2128.384	1.447
1.099	546.556	1.000	14.796
12/8/2016 2:00:00 PM	57600.000	12.240	17.654
27.898	1827.475	2125.733	1.445
1.097	547.203	1.000	14.796
12/8/2016 2:15:00 PM	58500.000	12.239	17.657
27.896	1835.495	2134.916	1.452
1.102	544.812	1.000	14.797

12/8/2016 2:30:00 PM	59400.000	12.237	17.653
27.891	1834.957	2134.499	1.451
1.102	544.972	1.000	14.799
12/8/2016 2:45:00 PM	60300.000	12.233	17.654
27.883	1830.220	2128.935	1.448
1.099	546.382	1.000	14.804
12/8/2016 3:00:00 PM	61200.000	12.242	17.651
27.903	1822.815	2120.445	1.442
1.094	548.602	1.000	14.795
12/8/2016 3:15:00 PM	62100.000	12.233	17.652
27.882	1818.984	2115.951	1.439
1.092	549.758	0.999	14.805
12/8/2016 3:30:00 PM	63000.000	12.241	17.655
27.902	1821.507	2118.763	1.441
1.093	548.996	1.000	14.798
12/8/2016 3:45:00 PM	63900.000	12.241	17.653
27.900	1823.291	2120.896	1.442
1.095	548.459	1.000	14.798
12/8/2016 4:00:00 PM	64800.000	12.233	17.653
27.883	1828.062	2126.450	1.446
1.098	547.027	1.000	14.806
12/8/2016 4:15:00 PM	65700.000	12.236	17.654
27.889	1829.089	2127.590	1.447
1.098	546.720	1.000	14.804
12/8/2016 4:30:00 PM	66600.000	12.236	17.655
27.889	1834.526	2133.902	1.451
1.102	545.100	1.000	14.805
12/8/2016 4:45:00 PM	67500.000	12.251	17.654
27.924	1830.181	2128.860	1.448
1.099	546.394	1.000	14.795
12/8/2016 5:00:00 PM	68400.000	12.230	17.656
27.876	1836.419	2136.042	1.453
1.103	544.538	1.000	14.811
12/8/2016 5:15:00 PM	69300.000	12.239	17.656
27.895	1837.156	2136.879	1.453
1.103	544.319	1.000	14.805
12/8/2016 5:30:00 PM	70200.000	12.245	17.654
27.910	1833.451	2132.697	1.450
1.101	545.420	1.000	14.797
12/8/2016 5:45:00 PM	71100.000	12.235	17.654
27.887	1830.333	2129.075	1.448
1.099	546.349	1.000	14.808
12/8/2016 6:00:00 PM	72000.000	12.235	17.652
27.888	1826.835	2125.064	1.445
1.097	547.395	1.000	14.808
12/8/2016 6:15:00 PM	72900.000	12.238	17.655
27.894	1828.469	2126.845	1.446
1.098	546.906	1.000	14.807
12/8/2016 6:30:00 PM	73800.000	12.230	17.655
27.875	1830.347	2129.045	1.448
1.099	546.345	1.000	14.815
12/8/2016 6:45:00 PM	74700.000	12.235	17.653
27.888	1832.896	2132.089	1.450
1.101	545.585	1.000	14.811
12/8/2016 7:00:00 PM	75600.000	12.235	17.653

27.888	1828.278	2126.738	1.446
1.098	546.963	1.000	14.812
12/8/2016 7:15:00 PM	76500.000	12.238	17.654
27.894	1827.628	2125.920	1.446
1.097	547.157	1.000	14.810
12/8/2016 7:30:00 PM	77400.000	12.234	17.653
27.884	1833.566	2132.856	1.450
1.101	545.385	1.000	14.815
12/8/2016 7:45:00 PM	78300.000	12.231	17.655
27.877	1833.359	2132.512	1.450
1.101	545.447	1.000	14.818
12/8/2016 8:00:00 PM	79200.000	12.233	17.657
27.883	1831.730	2130.550	1.449
1.100	545.932	1.000	14.818
12/8/2016 8:15:00 PM	80100.000	12.226	17.653
27.866	1839.233	2139.439	1.455
1.105	543.705	1.000	14.827
12/8/2016 8:30:00 PM	81000.000	12.226	17.653
27.867	1835.558	2135.161	1.452
1.102	544.793	1.000	14.826
12/8/2016 8:45:00 PM	81900.000	12.228	17.656
27.872	1832.926	2131.991	1.450
1.101	545.576	1.000	14.826
12/8/2016 9:00:00 PM	82800.000	12.229	17.653
27.873	1834.224	2133.609	1.451
1.101	545.190	1.000	14.829
12/8/2016 9:15:00 PM	83700.000	12.228	17.653
27.872	1830.858	2129.731	1.448
1.099	546.192	1.000	14.828
12/8/2016 9:30:00 PM	84600.000	12.235	17.653
27.888	1832.389	2131.508	1.449
1.100	545.736	1.000	14.825
12/8/2016 9:45:00 PM	85500.000	12.223	17.655
27.860	1835.272	2134.749	1.452
1.102	544.878	1.000	14.838
12/8/2016 10:00:00 PM	86400.000	12.231	17.654
27.877	1834.631	2134.050	1.451
1.102	545.069	1.000	14.830
12/8/2016 10:15:00 PM	87300.000	12.224	17.655
27.863	1835.474	2134.993	1.452
1.102	544.818	1.000	14.838
12/8/2016 10:30:00 PM	88200.000	12.224	17.655
27.863	1837.577	2137.447	1.453
1.104	544.195	1.000	14.840
12/8/2016 10:45:00 PM	89100.000	12.231	17.652
27.878	1831.475	2130.473	1.449
1.100	546.008	1.000	14.835
12/8/2016 11:00:00 PM	90000.000	12.231	17.653
27.878	1831.360	2130.323	1.449
1.100	546.042	1.000	14.836
12/8/2016 11:15:00 PM	90900.000	12.227	17.652
27.870	1829.075	2127.670	1.447
1.098	546.724	1.000	14.841
12/8/2016 11:30:00 PM	91800.000	12.231	17.653
27.879	1826.594	2124.754	1.445

1.097	547.467	1.000	14.837
12/8/2016 11:45:00 PM	92700.000	12.234	17.655
27.884	1826.237	2124.260	1.444
1.096	547.574	1.000	14.836
12/9/2016 12:00:00 AM	93600.000	12.236	17.657
27.890	1828.785	2127.121	1.446
1.098	546.811	1.000	14.835
12/9/2016 12:15:00 AM	94500.000	12.231	17.654
27.879	1834.794	2134.230	1.451
1.102	545.020	1.000	14.840
12/9/2016 12:30:00 AM	95400.000	12.242	17.655
27.904	1833.354	2132.547	1.450
1.101	545.448	1.000	14.831
12/9/2016 12:45:00 AM	96300.000	12.237	17.653
27.893	1826.542	2124.714	1.445
1.097	547.483	1.000	14.836
12/9/2016 1:00:00 AM	97200.000	12.237	17.656
27.892	1826.255	2124.227	1.444
1.096	547.569	1.000	14.838
12/9/2016 1:15:00 AM	98100.000	12.236	17.655
27.889	1827.463	2125.669	1.445
1.097	547.207	1.000	14.839
12/9/2016 1:30:00 AM	99000.000	12.235	17.656
27.886	1825.893	2123.798	1.444
1.096	547.677	1.000	14.839
12/9/2016 1:45:00 AM	99900.000	12.233	17.653
27.884	1826.440	2124.572	1.445
1.097	547.513	1.000	14.842
12/9/2016 2:00:00 AM	100800.000	12.231	17.652
27.879	1827.194	2125.485	1.445
1.097	547.287	1.000	14.843
12/9/2016 2:15:00 AM	101700.000	12.236	17.653
27.891	1831.046	2129.929	1.448
1.099	546.136	1.000	14.839
12/9/2016 2:30:00 AM	102600.000	12.238	17.653
27.894	1827.514	2125.816	1.446
1.097	547.191	1.000	14.837
12/9/2016 2:45:00 AM	103500.000	12.243	17.652
27.905	1826.062	2124.168	1.444
1.096	547.627	1.000	14.837
12/9/2016 3:00:00 AM	104400.000	12.244	17.655
27.907	1818.564	2115.311	1.438
1.091	549.884	0.999	14.833
12/9/2016 3:15:00 AM	105300.000	12.250	17.655
27.921	1828.058	2126.357	1.446
1.097	547.029	1.000	14.828
12/9/2016 3:30:00 AM	106200.000	12.243	17.656
27.904	1830.092	2128.703	1.448
1.099	546.420	1.000	14.834
12/9/2016 3:45:00 AM	107100.000	12.244	17.656
27.909	1826.874	2124.939	1.445
1.097	547.383	1.000	14.832
12/9/2016 4:00:00 AM	108000.000	12.244	17.655
27.908	1829.434	2127.983	1.447
1.098	546.617	1.000	14.830

12/9/2016 4:15:00 AM	108900.000	12.240	17.652
27.899	1826.761	2125.015	1.445
1.097	547.417	1.000	14.836
12/9/2016 4:30:00 AM	109800.000	12.244	17.653
27.907	1817.281	2113.917	1.437
1.091	550.273	0.999	14.832
12/9/2016 4:45:00 AM	110700.000	12.240	17.655
27.899	1816.268	2112.660	1.437
1.090	550.580	0.999	14.837
12/9/2016 5:00:00 AM	111600.000	12.244	17.654
27.909	1816.201	2112.615	1.437
1.090	550.600	0.999	14.832
12/9/2016 5:15:00 AM	112500.000	12.243	17.652
27.906	1816.544	2113.130	1.437
1.090	550.496	0.999	14.833
12/9/2016 5:30:00 AM	113400.000	12.242	17.653
27.903	1815.163	2111.466	1.436
1.089	550.915	0.999	14.834
12/9/2016 5:45:00 AM	114300.000	12.237	17.654
27.891	1816.264	2112.697	1.437
1.090	550.581	0.999	14.840
12/9/2016 6:00:00 AM	115200.000	12.237	17.653
27.893	1813.295	2109.300	1.434
1.088	551.482	0.999	14.841
12/9/2016 6:15:00 AM	116100.000	12.236	17.655
27.888	1819.467	2116.373	1.439
1.092	549.612	0.999	14.844
12/9/2016 6:30:00 AM	117000.000	12.231	17.656
27.878	1828.729	2127.105	1.446
1.098	546.828	1.000	14.848
12/9/2016 6:45:00 AM	117900.000	12.236	17.656
27.890	1830.196	2128.791	1.448
1.099	546.390	1.000	14.845
12/9/2016 7:00:00 AM	118800.000	12.241	17.654
27.902	1834.881	2134.360	1.451
1.102	544.995	1.000	14.840
12/9/2016 7:15:00 AM	119700.000	12.244	17.654
27.907	1832.061	2131.068	1.449
1.100	545.833	1.000	14.838
12/9/2016 7:30:00 AM	120600.000	12.241	17.654
27.902	1824.299	2122.043	1.443
1.095	548.156	1.000	14.843
12/9/2016 7:45:00 AM	121500.000	12.234	17.654
27.886	1827.429	2125.700	1.445
1.097	547.217	1.000	14.850
12/9/2016 8:00:00 AM	122400.000	12.232	17.654
27.879	1827.395	2125.658	1.445
1.097	547.227	1.000	14.853
12/9/2016 8:15:00 AM	123300.000	12.225	17.654
27.865	1822.914	2120.440	1.442
1.094	548.572	1.000	14.860
12/9/2016 8:30:00 AM	124200.000	12.237	17.654
27.891	1822.861	2120.346	1.442
1.094	548.588	1.000	14.850
12/9/2016 8:45:00 AM	125100.000	12.236	17.654

27.889	1826.661	2124.771	1.445
1.097	547.447	1.000	14.852
12/9/2016 9:00:00 AM	126000.000	12.230	17.655
27.877	1826.883	2125.003	1.445
1.097	547.381	1.000	14.859
12/9/2016 9:15:00 AM	126900.000	12.231	17.654
27.878	1832.581	2131.676	1.450
1.100	545.679	1.000	14.860
12/9/2016 9:30:00 AM	127800.000	12.230	17.654
27.877	1826.961	2125.148	1.445
1.097	547.357	1.000	14.862
12/9/2016 9:45:00 AM	128700.000	12.233	17.653
27.882	1823.868	2121.592	1.443
1.095	548.285	1.000	14.861
12/9/2016 10:00:00 AM	129600.000	12.235	17.654
27.887	1823.974	2121.670	1.443
1.095	548.253	1.000	14.861
12/9/2016 10:15:00 AM	130500.000	12.231	17.654
27.879	1826.784	2124.938	1.445
1.097	547.410	1.000	14.865
12/9/2016 10:30:00 AM	131400.000	12.232	17.656
27.881	1829.967	2128.542	1.447
1.099	546.458	1.000	14.866
12/9/2016 10:45:00 AM	132300.000	12.227	17.654
27.870	1836.124	2135.774	1.452
1.103	544.625	1.000	14.871
12/9/2016 11:00:00 AM	133200.000	12.232	17.654
27.881	1828.238	2126.600	1.446
1.098	546.975	1.000	14.868
12/9/2016 11:15:00 AM	134100.000	12.239	17.654
27.897	1828.696	2127.137	1.446
1.098	546.838	1.000	14.862
12/9/2016 11:30:00 AM	135000.000	12.236	17.654
27.889	1827.018	2125.214	1.445
1.097	547.340	1.000	14.865
12/9/2016 11:45:00 AM	135900.000	12.249	17.656
27.918	1825.554	2123.409	1.444
1.096	547.779	1.000	14.853
12/9/2016 12:00:00 PM	136800.000	12.256	17.654
27.935	1824.948	2122.777	1.443
1.096	547.961	1.000	14.845
12/9/2016 12:15:00 PM	137700.000	12.256	17.654
27.935	1829.622	2128.231	1.447
1.099	546.561	1.000	14.843
12/9/2016 12:30:00 PM	138600.000	12.261	17.657
27.946	1834.714	2134.029	1.451
1.102	545.044	1.000	14.837
12/9/2016 12:45:00 PM	139500.000	12.266	17.657
27.957	1839.474	2139.570	1.455
1.105	543.634	1.000	14.830
12/9/2016 1:00:00 PM	140400.000	12.263	17.655
27.951	1834.990	2134.425	1.451
1.102	544.962	1.000	14.832
12/9/2016 1:15:00 PM	141300.000	12.265	17.654
27.957	1832.230	2131.265	1.449

1.100	545.783	1.000	14.826
12/9/2016 1:30:00 PM	142200.000	12.268	17.652
27.962	1829.111	2127.720	1.447
1.098	546.714	1.000	14.822
12/9/2016 1:45:00 PM	143100.000	12.252	17.653
27.927	1823.289	2120.897	1.442
1.095	548.459	1.000	14.836
12/9/2016 2:00:00 PM	144000.000	12.260	17.653
27.945	1816.440	2112.952	1.437
1.090	550.527	0.999	14.826
12/9/2016 2:15:00 PM	144900.000	12.258	17.654
27.940	1816.013	2112.412	1.436
1.090	550.657	0.999	14.826
12/9/2016 2:30:00 PM	145800.000	12.265	17.652
27.957	1815.371	2111.765	1.436
1.090	550.852	0.999	14.817
12/9/2016 2:45:00 PM	146700.000	12.258	17.655
27.940	1813.325	2109.246	1.434
1.088	551.473	0.999	14.823
12/9/2016 3:00:00 PM	147600.000	12.255	17.655
27.933	1821.288	2118.512	1.441
1.093	549.062	1.000	14.825
12/9/2016 3:15:00 PM	148500.000	12.256	17.655
27.936	1822.523	2119.936	1.442
1.094	548.690	1.000	14.823
12/9/2016 3:30:00 PM	149400.000	12.256	17.653
27.935	1819.223	2116.180	1.439
1.092	549.685	0.999	14.822
12/9/2016 3:45:00 PM	150300.000	12.250	17.656
27.921	1818.536	2115.249	1.438
1.091	549.893	0.999	14.827
12/9/2016 4:00:00 PM	151200.000	12.254	17.655
27.931	1821.416	2118.661	1.441
1.093	549.023	1.000	14.822
12/9/2016 4:15:00 PM	152100.000	12.259	17.654
27.941	1822.342	2119.746	1.441
1.094	548.745	1.000	14.816
12/9/2016 4:30:00 PM	153000.000	12.257	17.654
27.937	1819.851	2116.857	1.439
1.092	549.496	0.999	14.817
12/9/2016 4:45:00 PM	153900.000	12.254	17.652
27.931	1817.884	2114.667	1.438
1.091	550.090	0.999	14.819
12/9/2016 5:00:00 PM	154800.000	12.259	17.652
27.943	1818.661	2115.589	1.439
1.092	549.855	0.999	14.814
12/9/2016 5:15:00 PM	155700.000	12.256	17.654
27.934	1818.445	2115.225	1.438
1.091	549.920	0.999	14.815
12/9/2016 5:30:00 PM	156600.000	12.249	17.653
27.919	1827.498	2125.814	1.446
1.097	547.196	1.000	14.822
12/9/2016 5:45:00 PM	157500.000	12.255	17.654
27.933	1825.021	2122.891	1.444
1.096	547.939	1.000	14.815

12/9/2016 6:00:00 PM	158400.000	12.256	17.655
27.934	1825.080	2122.902	1.444
1.096	547.921	1.000	14.815
12/9/2016 6:15:00 PM	159300.000	12.251	17.653
27.925	1829.741	2128.406	1.447
1.099	546.526	1.000	14.818
12/9/2016 6:30:00 PM	160200.000	12.248	17.653
27.918	1827.080	2125.323	1.445
1.097	547.322	1.000	14.820
12/9/2016 6:45:00 PM	161100.000	12.248	17.653
27.917	1824.663	2122.500	1.443
1.095	548.046	1.000	14.819
12/9/2016 7:00:00 PM	162000.000	12.244	17.654
27.909	1829.515	2128.086	1.447
1.098	546.593	1.000	14.825
12/9/2016 7:15:00 PM	162900.000	12.252	17.654
27.925	1830.285	2128.994	1.448
1.099	546.363	1.000	14.818
12/9/2016 7:30:00 PM	163800.000	12.244	17.654
27.908	1829.796	2128.453	1.447
1.099	546.509	1.000	14.824
12/9/2016 7:45:00 PM	164700.000	12.241	17.655
27.902	1827.405	2125.589	1.445
1.097	547.224	1.000	14.826
12/9/2016 8:00:00 PM	165600.000	12.257	17.657
27.936	1827.791	2125.978	1.446
1.097	547.108	1.000	14.811
12/9/2016 8:15:00 PM	166500.000	12.256	17.655
27.935	1829.947	2128.563	1.447
1.099	546.464	1.000	14.811
12/9/2016 8:30:00 PM	167400.000	12.255	17.655
27.932	1830.707	2129.455	1.448
1.099	546.237	1.000	14.811
12/9/2016 8:45:00 PM	168300.000	12.242	17.653
27.903	1833.244	2132.469	1.450
1.101	545.481	1.000	14.825
12/9/2016 9:00:00 PM	169200.000	12.247	17.653
27.915	1825.771	2123.801	1.444
1.096	547.714	1.000	14.820
12/9/2016 9:15:00 PM	170100.000	12.246	17.653
27.911	1818.876	2115.764	1.439
1.092	549.790	0.999	14.822
12/9/2016 9:30:00 PM	171000.000	12.244	17.653
27.908	1814.474	2110.644	1.435
1.089	551.124	0.999	14.822
12/9/2016 9:45:00 PM	171900.000	12.245	17.654
27.910	1815.156	2111.415	1.436
1.089	550.917	0.999	14.821
12/9/2016 10:00:00 PM	172800.000	12.248	17.654
27.918	1814.317	2110.408	1.435
1.089	551.172	0.999	14.818
12/9/2016 10:15:00 PM	173700.000	12.247	17.655
27.915	1814.154	2110.181	1.435
1.089	551.221	0.999	14.822
12/9/2016 10:30:00 PM	174600.000	12.248	17.654

27.916	1813.357	2109.312	1.434
1.088	551.463	0.999	14.819
12/9/2016 10:45:00 PM	175500.000	12.248	17.653
27.917	1813.743	2109.825	1.435
1.089	551.346	0.999	14.818
12/9/2016 11:00:00 PM	176400.000	12.245	17.652
27.910	1815.711	2112.136	1.436
1.090	550.748	0.999	14.822
12/9/2016 11:15:00 PM	177300.000	12.246	17.653
27.912	1814.871	2111.131	1.436
1.089	551.003	0.999	14.822
12/9/2016 11:30:00 PM	178200.000	12.251	17.652
27.923	1811.121	2106.788	1.433
1.087	552.144	0.999	14.817
12/9/2016 11:45:00 PM	179100.000	12.256	17.654
27.935	1814.401	2110.534	1.435
1.089	551.146	0.999	14.812
12/10/2016 12:00:00 AM	180000.000	12.260	17.654
27.945	1807.983	2103.061	1.430
1.085	553.102	0.999	14.806
12/10/2016 12:15:00 AM	180900.000	12.251	17.654
27.923	1810.777	2106.290	1.432
1.087	552.249	0.999	14.815
12/10/2016 12:30:00 AM	181800.000	12.256	17.654
27.935	1809.122	2104.405	1.431
1.086	552.754	0.999	14.810
12/10/2016 12:45:00 AM	182700.000	12.254	17.652
27.930	1798.837	2092.523	1.423
1.079	555.915	0.999	14.812
12/10/2016 1:00:00 AM	183600.000	12.251	17.654
27.924	1806.349	2101.140	1.429
1.084	553.603	0.999	14.812
12/10/2016 1:15:00 AM	184500.000	12.242	17.655
27.904	1814.115	2110.161	1.435
1.089	551.233	0.999	14.822
12/10/2016 1:30:00 AM	185400.000	12.246	17.653
27.912	1810.694	2106.247	1.432
1.087	552.274	0.999	14.818
12/10/2016 1:45:00 AM	186300.000	12.252	17.653
27.926	1808.182	2103.316	1.430
1.085	553.042	0.999	14.812
12/10/2016 2:00:00 AM	187200.000	12.253	17.653
27.929	1806.437	2101.315	1.429
1.084	553.576	0.999	14.810
12/10/2016 2:15:00 AM	188100.000	12.253	17.653
27.928	1807.435	2102.480	1.430
1.085	553.270	0.999	14.811
12/10/2016 2:30:00 AM	189000.000	12.258	17.655
27.939	1806.449	2101.248	1.429
1.084	553.572	0.999	14.806
12/10/2016 2:45:00 AM	189900.000	12.249	17.654
27.920	1808.314	2103.457	1.430
1.085	553.001	0.999	14.813
12/10/2016 3:00:00 AM	190800.000	12.255	17.652
27.932	1810.368	2105.941	1.432

1.086	552.374	0.999	14.807
12/10/2016 3:15:00 AM	191700.000	12.256	17.654
27.935	1810.735	2106.266	1.432
1.087	552.262	0.999	14.806
12/10/2016 3:30:00 AM	192600.000	12.250	17.653
27.922	1807.214	2102.224	1.430
1.084	553.338	0.999	14.810
12/10/2016 3:45:00 AM	193500.000	12.250	17.655
27.922	1809.091	2104.284	1.431
1.086	552.764	0.999	14.811
12/10/2016 4:00:00 AM	194400.000	12.252	17.654
27.926	1812.745	2108.612	1.434
1.088	551.649	0.999	14.809
12/10/2016 4:15:00 AM	195300.000	12.258	17.654
27.940	1811.404	2107.035	1.433
1.087	552.058	0.999	14.803
12/10/2016 4:30:00 AM	196200.000	12.262	17.655
27.948	1814.108	2110.119	1.435
1.089	551.235	0.999	14.800
12/10/2016 4:45:00 AM	197100.000	12.250	17.655
27.923	1812.854	2108.685	1.434
1.088	551.617	0.999	14.809
12/10/2016 5:00:00 AM	198000.000	12.248	17.653
27.916	1813.975	2110.067	1.435
1.089	551.276	0.999	14.812
12/10/2016 5:15:00 AM	198900.000	12.252	17.655
27.926	1815.692	2112.003	1.436
1.090	550.754	0.999	14.807
12/10/2016 5:30:00 AM	199800.000	12.251	17.653
27.923	1813.600	2109.623	1.435
1.088	551.390	0.999	14.809
12/10/2016 5:45:00 AM	200700.000	12.256	17.653
27.936	1813.576	2109.607	1.435
1.088	551.397	0.999	14.803
12/10/2016 6:00:00 AM	201600.000	12.253	17.654
27.928	1822.347	2119.777	1.441
1.094	548.743	1.000	14.807
12/10/2016 6:15:00 AM	202500.000	12.255	17.654
27.932	1826.040	2124.076	1.444
1.096	547.633	1.000	14.804
12/10/2016 6:30:00 AM	203400.000	12.251	17.653
27.923	1820.025	2117.138	1.440
1.092	549.443	1.000	14.807
12/10/2016 6:45:00 AM	204300.000	12.256	17.654
27.934	1816.355	2112.779	1.437
1.090	550.553	0.999	14.803
12/10/2016 7:00:00 AM	205200.000	12.248	17.654
27.918	1816.840	2113.346	1.437
1.090	550.406	0.999	14.810
12/10/2016 7:15:00 AM	206100.000	12.256	17.657
27.936	1821.074	2118.165	1.440
1.093	549.126	0.999	14.801
12/10/2016 7:30:00 AM	207000.000	12.253	17.655
27.927	1819.756	2116.721	1.439
1.092	549.524	0.999	14.805

12/10/2016 7:45:00 AM	207900.000	12.255	17.656
27.932	1818.585	2115.294	1.438
1.091	549.878	0.999	14.802
12/10/2016 8:00:00 AM	208800.000	12.248	17.656
27.916	1824.887	2122.607	1.443
1.095	547.979	1.000	14.808
12/10/2016 8:15:00 AM	209700.000	12.241	17.656
27.902	1830.654	2129.340	1.448
1.099	546.253	1.000	14.816
12/10/2016 8:30:00 AM	210600.000	12.243	17.654
27.905	1833.094	2132.261	1.450
1.101	545.526	1.000	14.814
12/10/2016 8:45:00 AM	211500.000	12.251	17.654
27.925	1832.777	2131.881	1.450
1.100	545.620	1.000	14.807
12/10/2016 9:00:00 AM	212400.000	12.251	17.655
27.923	1832.899	2131.993	1.450
1.101	545.584	1.000	14.809
12/10/2016 9:15:00 AM	213300.000	12.251	17.653
27.923	1830.849	2129.691	1.448
1.099	546.195	1.000	14.808
12/10/2016 9:30:00 AM	214200.000	12.244	17.653
27.909	1822.629	2120.141	1.442
1.094	548.658	1.000	14.814
12/10/2016 9:45:00 AM	215100.000	12.247	17.654
27.915	1812.132	2107.895	1.433
1.087	551.836	0.999	14.812
12/10/2016 10:00:00 AM	216000.000	12.244	17.654
27.909	1808.259	2103.393	1.430
1.085	553.018	0.999	14.814
12/10/2016 10:15:00 AM	216900.000	12.243	17.655
27.906	1808.590	2103.742	1.431
1.085	552.917	0.999	14.816
12/10/2016 10:30:00 AM	217800.000	12.248	17.653
27.917	1806.605	2101.519	1.429
1.084	553.524	0.999	14.814
12/10/2016 10:45:00 AM	218700.000	12.248	17.652
27.916	1806.837	2101.809	1.429
1.084	553.453	0.999	14.814
12/10/2016 11:00:00 AM	219600.000	12.249	17.653
27.920	1804.523	2099.105	1.427
1.083	554.163	0.999	14.811
12/10/2016 11:15:00 AM	220500.000	12.263	17.654
27.952	1804.345	2098.808	1.427
1.083	554.218	0.999	14.798
12/10/2016 11:30:00 AM	221400.000	12.261	17.654
27.947	1801.498	2095.537	1.425
1.081	555.094	0.999	14.800
12/10/2016 11:45:00 AM	222300.000	12.269	17.654
27.964	1806.117	2100.882	1.429
1.084	553.674	0.999	14.792
12/10/2016 12:00:00 PM	223200.000	12.267	17.652
27.960	1802.188	2096.396	1.426
1.081	554.881	0.999	14.791
12/10/2016 12:15:00 PM	224100.000	12.269	17.653

27.965	1803.795	2098.249	1.427
1.082	554.387	0.999	14.788
12/10/2016 12:30:00 PM	225000.000	12.272	17.654
27.971	1808.930	2104.146	1.431
1.085	552.813	0.999	14.783
12/10/2016 12:45:00 PM	225900.000	12.273	17.654
27.974	1808.177	2103.298	1.430
1.085	553.043	0.999	14.779
12/10/2016 1:00:00 PM	226800.000	12.272	17.654
27.971	1808.293	2103.400	1.430
1.085	553.008	0.999	14.778
12/10/2016 1:15:00 PM	227700.000	12.273	17.653
27.973	1807.745	2102.816	1.430
1.085	553.175	0.999	14.775
12/10/2016 1:30:00 PM	228600.000	12.264	17.653
27.954	1811.043	2106.656	1.433
1.087	552.168	0.999	14.778
12/10/2016 1:45:00 PM	229500.000	12.272	17.653
27.971	1809.268	2104.584	1.431
1.086	552.710	0.999	14.773
12/10/2016 2:00:00 PM	230400.000	12.277	17.652
27.982	1805.699	2100.481	1.428
1.083	553.802	0.999	14.766
12/10/2016 2:15:00 PM	231300.000	12.276	17.653
27.981	1804.094	2098.581	1.427
1.082	554.295	0.999	14.764
12/10/2016 2:30:00 PM	232200.000	12.273	17.653
27.974	1803.521	2097.915	1.427
1.082	554.471	0.999	14.765
12/10/2016 2:45:00 PM	233100.000	12.272	17.653
27.972	1806.474	2101.354	1.429
1.084	553.565	0.999	14.764
12/10/2016 3:00:00 PM	234000.000	12.267	17.652
27.960	1812.310	2108.171	1.434
1.088	551.782	0.999	14.766
12/10/2016 3:15:00 PM	234900.000	12.264	17.652
27.953	1817.327	2114.031	1.438
1.091	550.259	0.999	14.768
12/10/2016 3:30:00 PM	235800.000	12.261	17.654
27.947	1821.253	2118.480	1.441
1.093	549.072	1.000	14.768
12/10/2016 3:45:00 PM	236700.000	12.266	17.654
27.958	1821.944	2119.279	1.441
1.094	548.864	1.000	14.765
12/10/2016 4:00:00 PM	237600.000	12.256	17.654
27.935	1820.989	2118.172	1.440
1.093	549.152	1.000	14.772
12/10/2016 4:15:00 PM	238500.000	12.262	17.653
27.949	1820.163	2117.282	1.440
1.093	549.401	1.000	14.765
12/10/2016 4:30:00 PM	239400.000	12.263	17.653
27.952	1816.390	2112.868	1.437
1.090	550.542	0.999	14.763
12/10/2016 4:45:00 PM	240300.000	12.266	17.653
27.958	1812.469	2108.328	1.434

1.088	551.734	0.999	14.761
12/10/2016 5:00:00 PM	241200.000	12.254	17.655
27.930	1808.474	2103.574	1.430
1.085	552.952	0.999	14.772
12/10/2016 5:15:00 PM	242100.000	12.267	17.656
27.960	1812.640	2108.382	1.434
1.088	551.682	0.999	14.759
12/10/2016 5:30:00 PM	243000.000	12.256	17.654
27.934	1816.081	2112.500	1.437
1.090	550.636	0.999	14.769
12/10/2016 5:45:00 PM	243900.000	12.260	17.654
27.944	1815.764	2112.112	1.436
1.090	550.732	0.999	14.764
12/10/2016 6:00:00 PM	244800.000	12.258	17.655
27.940	1814.220	2110.270	1.435
1.089	551.201	0.999	14.766
12/10/2016 6:15:00 PM	245700.000	12.246	17.653
27.912	1809.905	2105.349	1.432
1.086	552.515	0.999	14.778
12/10/2016 6:30:00 PM	246600.000	12.257	17.653
27.938	1807.463	2102.516	1.430
1.085	553.262	0.999	14.767
12/10/2016 6:45:00 PM	247500.000	12.262	17.652
27.948	1805.514	2100.270	1.428
1.083	553.859	0.999	14.763
12/10/2016 7:00:00 PM	248400.000	12.252	17.655
27.926	1806.649	2101.464	1.429
1.084	553.511	0.999	14.772
12/10/2016 7:15:00 PM	249300.000	12.256	17.654
27.936	1809.203	2104.459	1.431
1.086	552.730	0.999	14.768
12/10/2016 7:30:00 PM	250200.000	12.251	17.655
27.923	1807.109	2101.994	1.429
1.084	553.370	0.999	14.773
12/10/2016 7:45:00 PM	251100.000	12.246	17.653
27.913	1807.813	2102.887	1.430
1.085	553.155	0.999	14.779
12/10/2016 8:00:00 PM	252000.000	12.245	17.654
27.910	1811.053	2106.635	1.433
1.087	552.165	0.999	14.782
12/10/2016 8:15:00 PM	252900.000	12.243	17.653
27.904	1809.469	2104.847	1.431
1.086	552.648	0.999	14.783
12/10/2016 8:30:00 PM	253800.000	12.247	17.654
27.915	1809.593	2104.941	1.431
1.086	552.610	0.999	14.779
12/10/2016 8:45:00 PM	254700.000	12.249	17.654
27.919	1811.667	2107.325	1.433
1.087	551.978	0.999	14.779
12/10/2016 9:00:00 PM	255600.000	12.249	17.657
27.918	1813.785	2109.674	1.435
1.088	551.333	0.999	14.779
12/10/2016 9:15:00 PM	256500.000	12.247	17.655
27.915	1819.374	2116.248	1.439
1.092	549.640	0.999	14.782

12/10/2016 9:30:00 PM	257400.000	12.245	17.652
27.910	1818.676	2115.581	1.439
1.092	549.851	0.999	14.785
12/10/2016 9:45:00 PM	258300.000	12.250	17.653
27.922	1817.837	2114.584	1.438
1.091	550.104	0.999	14.780
12/10/2016 10:00:00 PM	259200.000	12.240	17.655
27.900	1815.584	2111.857	1.436
1.090	550.787	0.999	14.789
12/10/2016 10:15:00 PM	260100.000	12.251	17.655
27.923	1818.041	2114.690	1.438
1.091	550.043	0.999	14.782
12/10/2016 10:30:00 PM	261000.000	12.242	17.653
27.904	1820.325	2117.445	1.440
1.093	549.352	1.000	14.789
12/10/2016 10:45:00 PM	261900.000	12.235	17.655
27.888	1820.779	2117.912	1.440
1.093	549.216	1.000	14.799
12/10/2016 11:00:00 PM	262800.000	12.239	17.656
27.896	1823.331	2120.818	1.442
1.094	548.447	1.000	14.797
12/10/2016 11:15:00 PM	263700.000	12.238	17.655
27.894	1831.316	2130.172	1.449
1.100	546.056	1.000	14.798
12/10/2016 11:30:00 PM	264600.000	12.239	17.653
27.897	1822.652	2120.182	1.442
1.094	548.651	1.000	14.799
12/10/2016 11:45:00 PM	265500.000	12.243	17.655
27.906	1825.799	2123.751	1.444
1.096	547.705	1.000	14.796
12/11/2016 12:00:00 AM	266400.000	12.241	17.655
27.901	1827.152	2125.296	1.445
1.097	547.300	1.000	14.801
12/11/2016 12:15:00 AM	267300.000	12.242	17.654
27.904	1827.036	2125.223	1.445
1.097	547.335	1.000	14.799
12/11/2016 12:30:00 AM	268200.000	12.246	17.655
27.913	1825.776	2123.703	1.444
1.096	547.712	1.000	14.797
12/11/2016 12:45:00 AM	269100.000	12.247	17.654
27.916	1824.115	2121.829	1.443
1.095	548.211	1.000	14.796
12/11/2016 1:00:00 AM	270000.000	12.246	17.657
27.913	1824.155	2121.740	1.443
1.095	548.199	1.000	14.798
12/11/2016 1:15:00 AM	270900.000	12.240	17.655
27.898	1830.305	2128.984	1.448
1.099	546.357	1.000	14.806
12/11/2016 1:30:00 AM	271800.000	12.245	17.654
27.909	1827.994	2126.358	1.446
1.097	547.048	1.000	14.802
12/11/2016 1:45:00 AM	272700.000	12.249	17.653
27.919	1829.258	2127.841	1.447
1.098	546.670	1.000	14.799
12/11/2016 2:00:00 AM	273600.000	12.246	17.654

27.913	1825.584	2123.546	1.444
1.096	547.770	1.000	14.803
12/11/2016 2:15:00 AM	274500.000	12.246	17.654
27.911	1818.020	2114.752	1.438
1.091	550.049	0.999	14.804
12/11/2016 2:30:00 AM	275400.000	12.238	17.654
27.895	1814.607	2110.761	1.435
1.089	551.083	0.999	14.811
12/11/2016 2:45:00 AM	276300.000	12.245	17.653
27.911	1812.662	2108.556	1.434
1.088	551.675	0.999	14.804
12/11/2016 3:00:00 AM	277200.000	12.246	17.654
27.913	1812.557	2108.373	1.434
1.088	551.707	0.999	14.805
12/11/2016 3:15:00 AM	278100.000	12.247	17.654
27.915	1817.792	2114.487	1.438
1.091	550.118	0.999	14.805
12/11/2016 3:30:00 AM	279000.000	12.253	17.656
27.929	1822.101	2119.371	1.441
1.094	548.817	1.000	14.799
12/11/2016 3:45:00 AM	279900.000	12.246	17.653
27.912	1822.830	2120.401	1.442
1.094	548.597	1.000	14.807
12/11/2016 4:00:00 AM	280800.000	12.249	17.652
27.920	1816.752	2113.335	1.437
1.090	550.433	0.999	14.804
12/11/2016 4:15:00 AM	281700.000	12.250	17.655
27.922	1813.492	2109.411	1.434
1.088	551.422	0.999	14.803
12/11/2016 4:30:00 AM	282600.000	12.254	17.655
27.930	1812.994	2108.832	1.434
1.088	551.574	0.999	14.800
12/11/2016 4:45:00 AM	283500.000	12.256	17.654
27.935	1813.588	2109.559	1.435
1.088	551.393	0.999	14.798
12/11/2016 5:00:00 AM	284400.000	12.252	17.656
27.926	1813.526	2109.429	1.434
1.088	551.412	0.999	14.802
12/11/2016 5:15:00 AM	285300.000	12.252	17.655
27.926	1813.839	2109.831	1.435
1.089	551.317	0.999	14.803
12/11/2016 5:30:00 AM	286200.000	12.245	17.654
27.911	1813.463	2109.435	1.434
1.088	551.431	0.999	14.810
12/11/2016 5:45:00 AM	287100.000	12.254	17.654
27.930	1810.955	2106.525	1.432
1.087	552.195	0.999	14.803
12/11/2016 6:00:00 AM	288000.000	12.247	17.654
27.914	1810.448	2105.932	1.432
1.086	552.349	0.999	14.809
12/11/2016 6:15:00 AM	288900.000	12.246	17.656
27.912	1815.310	2111.493	1.436
1.089	550.870	0.999	14.810
12/11/2016 6:30:00 AM	289800.000	12.247	17.654
27.914	1814.374	2110.511	1.435

1.089	551.154	0.999	14.811
12/11/2016 6:45:00 AM	290700.000	12.240	17.654
27.899	1811.671	2107.337	1.433
1.087	551.977	0.999	14.817
12/11/2016 7:00:00 AM	291600.000	12.247	17.651
27.915	1808.066	2103.288	1.430
1.085	553.077	0.999	14.812
12/11/2016 7:15:00 AM	292500.000	12.245	17.653
27.910	1807.494	2102.529	1.430
1.085	553.252	0.999	14.814
12/11/2016 7:30:00 AM	293400.000	12.246	17.652
27.912	1807.620	2102.748	1.430
1.085	553.214	0.999	14.815
12/11/2016 7:45:00 AM	294300.000	12.244	17.654
27.908	1809.627	2104.952	1.431
1.086	552.600	0.999	14.817
12/11/2016 8:00:00 AM	295200.000	12.250	17.655
27.922	1812.448	2108.229	1.434
1.088	551.740	0.999	14.810
12/11/2016 8:15:00 AM	296100.000	12.246	17.654
27.912	1813.740	2109.752	1.435
1.088	551.347	0.999	14.816
12/11/2016 8:30:00 AM	297000.000	12.246	17.652
27.911	1810.660	2106.260	1.432
1.087	552.285	0.999	14.816
12/11/2016 8:45:00 AM	297900.000	12.250	17.654
27.921	1808.491	2103.630	1.430
1.085	552.947	0.999	14.814
12/11/2016 9:00:00 AM	298800.000	12.244	17.653
27.908	1803.088	2097.399	1.426
1.082	554.604	0.999	14.820
12/11/2016 9:15:00 AM	299700.000	12.245	17.652
27.911	1803.100	2097.454	1.426
1.082	554.600	0.999	14.820
12/11/2016 9:30:00 AM	300600.000	12.239	17.654
27.897	1807.591	2102.588	1.430
1.085	553.223	0.999	14.826
12/11/2016 9:45:00 AM	301500.000	12.242	17.653
27.904	1816.711	2113.274	1.437
1.090	550.445	0.999	14.824
12/11/2016 10:00:00 AM	302400.000	12.246	17.652
27.913	1807.595	2102.711	1.430
1.085	553.221	0.999	14.822
12/11/2016 10:15:00 AM	303300.000	12.250	17.653
27.921	1804.615	2099.168	1.427
1.083	554.135	0.999	14.820
12/11/2016 10:30:00 AM	304200.000	12.252	17.655
27.926	1811.134	2106.689	1.433
1.087	552.140	0.999	14.818
12/11/2016 10:45:00 AM	305100.000	12.250	17.655
27.921	1815.021	2111.197	1.436
1.089	550.958	0.999	14.821
12/11/2016 11:00:00 AM	306000.000	12.251	17.655
27.925	1815.868	2112.187	1.436
1.090	550.701	0.999	14.818

12/11/2016 11:15:00 AM	306900.000	12.252	17.654
27.926	1813.592	2109.580	1.435
1.088	551.392	0.999	14.819
12/11/2016 11:30:00 AM	307800.000	12.259	17.653
27.942	1813.942	2110.037	1.435
1.089	551.286	0.999	14.812
12/11/2016 11:45:00 AM	308700.000	12.255	17.655
27.933	1810.775	2106.238	1.432
1.087	552.250	0.999	14.816
12/11/2016 12:00:00 PM	309600.000	12.254	17.653
27.932	1810.832	2106.432	1.432
1.087	552.232	0.999	14.816
12/11/2016 12:15:00 PM	310500.000	12.264	17.653
27.954	1809.817	2105.222	1.432
1.086	552.542	0.999	14.806
12/11/2016 12:30:00 PM	311400.000	12.263	17.653
27.950	1809.504	2104.875	1.431
1.086	552.638	0.999	14.806
12/11/2016 12:45:00 PM	312300.000	12.262	17.653
27.948	1807.819	2102.931	1.430
1.085	553.153	0.999	14.805
12/11/2016 1:00:00 PM	313200.000	12.267	17.654
27.960	1806.423	2101.233	1.429
1.084	553.580	0.999	14.799
12/11/2016 1:15:00 PM	314100.000	12.268	17.653
27.962	1811.466	2107.182	1.433
1.087	552.039	0.999	14.798
12/11/2016 1:30:00 PM	315000.000	12.262	17.653
27.950	1804.740	2099.313	1.428
1.083	554.096	0.999	14.800
12/11/2016 1:45:00 PM	315900.000	12.259	17.655
27.941	1809.342	2104.616	1.431
1.086	552.687	0.999	14.803
12/11/2016 2:00:00 PM	316800.000	12.263	17.654
27.952	1809.351	2104.660	1.431
1.086	552.684	0.999	14.799
12/11/2016 2:15:00 PM	317700.000	12.258	17.653
27.939	1809.675	2105.090	1.431
1.086	552.585	0.999	14.803
12/11/2016 2:30:00 PM	318600.000	12.255	17.653
27.932	1806.518	2101.381	1.429
1.084	553.551	0.999	14.807
12/11/2016 2:45:00 PM	319500.000	12.259	17.654
27.942	1808.122	2103.202	1.430
1.085	553.060	0.999	14.802
12/11/2016 3:00:00 PM	320400.000	12.251	17.656
27.924	1814.174	2110.175	1.435
1.089	551.215	0.999	14.809
12/11/2016 3:15:00 PM	321300.000	12.257	17.655
27.938	1813.585	2109.523	1.434
1.088	551.394	0.999	14.803
12/11/2016 3:30:00 PM	322200.000	12.257	17.654
27.936	1813.504	2109.469	1.434
1.088	551.419	0.999	14.804
12/11/2016 3:45:00 PM	323100.000	12.256	17.654

27.936	1812.458	2108.258	1.434
1.088	551.737	0.999	14.805
12/11/2016 4:00:00 PM	324000.000	12.258	17.653
27.939	1813.082	2109.044	1.434
1.088	551.547	0.999	14.802
12/11/2016 4:15:00 PM	324900.000	12.259	17.653
27.942	1811.151	2106.770	1.433
1.087	552.135	0.999	14.801
12/11/2016 4:30:00 PM	325800.000	12.261	17.654
27.946	1809.974	2105.389	1.432
1.086	552.494	0.999	14.799
12/11/2016 4:45:00 PM	326700.000	12.261	17.653
27.946	1810.521	2106.065	1.432
1.086	552.327	0.999	14.800
12/11/2016 5:00:00 PM	327600.000	12.262	17.654
27.950	1808.462	2103.601	1.430
1.085	552.956	0.999	14.797
12/11/2016 5:15:00 PM	328500.000	12.268	17.654
27.962	1806.688	2101.538	1.429
1.084	553.499	0.999	14.791
12/11/2016 5:30:00 PM	329400.000	12.264	17.653
27.954	1806.184	2101.000	1.429
1.084	553.653	0.999	14.794
12/11/2016 5:45:00 PM	330300.000	12.265	17.654
27.955	1806.476	2101.315	1.429
1.084	553.564	0.999	14.794
12/11/2016 6:00:00 PM	331200.000	12.260	17.654
27.944	1805.585	2100.255	1.428
1.083	553.837	0.999	14.797
12/11/2016 6:15:00 PM	332100.000	12.256	17.653
27.936	1809.834	2105.246	1.432
1.086	552.537	0.999	14.800
12/11/2016 6:30:00 PM	333000.000	12.256	17.654
27.936	1808.020	2103.119	1.430
1.085	553.091	0.999	14.800
12/11/2016 6:45:00 PM	333900.000	12.266	17.656
27.959	1811.347	2106.875	1.433
1.087	552.075	0.999	14.794
12/11/2016 7:00:00 PM	334800.000	12.264	17.655
27.954	1813.776	2109.737	1.435
1.088	551.336	0.999	14.791
12/11/2016 7:15:00 PM	335700.000	12.262	17.653
27.949	1813.418	2109.440	1.434
1.088	551.445	0.999	14.793
12/11/2016 7:30:00 PM	336600.000	12.256	17.652
27.936	1808.602	2103.882	1.431
1.085	552.913	0.999	14.799
12/11/2016 7:45:00 PM	337500.000	12.261	17.653
27.946	1808.964	2104.226	1.431
1.085	552.803	0.999	14.795
12/11/2016 8:00:00 PM	338400.000	12.263	17.653
27.951	1804.150	2098.635	1.427
1.082	554.278	0.999	14.792
12/11/2016 8:15:00 PM	339300.000	12.258	17.654
27.940	1807.837	2102.870	1.430

1.085	553.147	0.999	14.797
12/11/2016 8:30:00 PM	340200.000	12.255	17.654
27.932	1810.904	2106.438	1.432
1.087	552.210	0.999	14.798
12/11/2016 8:45:00 PM	341100.000	12.256	17.653
27.935	1808.475	2103.662	1.430
1.085	552.952	0.999	14.798
12/11/2016 9:00:00 PM	342000.000	12.262	17.652
27.949	1808.772	2104.056	1.431
1.085	552.861	0.999	14.790
12/11/2016 9:15:00 PM	342900.000	12.260	17.653
27.944	1807.641	2102.712	1.430
1.085	553.207	0.999	14.793
12/11/2016 9:30:00 PM	343800.000	12.258	17.655
27.939	1802.364	2096.500	1.426
1.081	554.827	0.999	14.795
12/11/2016 9:45:00 PM	344700.000	12.264	17.653
27.954	1809.098	2104.394	1.431
1.086	552.762	0.999	14.789
12/11/2016 10:00:00 PM	345600.000	12.259	17.653
27.942	1808.917	2104.205	1.431
1.085	552.817	0.999	14.794
12/11/2016 10:15:00 PM	346500.000	12.261	17.655
27.946	1809.471	2104.741	1.431
1.086	552.648	0.999	14.792
12/11/2016 10:30:00 PM	347400.000	12.261	17.656
27.947	1812.879	2108.674	1.434
1.088	551.609	0.999	14.791
12/11/2016 10:45:00 PM	348300.000	12.254	17.655
27.931	1818.459	2115.213	1.438
1.091	549.916	0.999	14.799
12/11/2016 11:00:00 PM	349200.000	12.258	17.655
27.941	1815.830	2112.147	1.436
1.090	550.712	0.999	14.795
12/11/2016 11:15:00 PM	350100.000	12.259	17.654
27.942	1820.254	2117.329	1.440
1.093	549.374	0.999	14.794
12/11/2016 11:30:00 PM	351000.000	12.258	17.655
27.939	1816.166	2112.513	1.437
1.090	550.610	0.999	14.797
12/11/2016 11:45:00 PM	351900.000	12.258	17.656
27.940	1815.629	2111.880	1.436
1.090	550.773	0.999	14.796
12/12/2016 12:00:00 AM	352800.000	12.260	17.656
27.945	1814.405	2110.449	1.435
1.089	551.145	0.999	14.791
12/12/2016 12:15:00 AM	353700.000	12.257	17.654
27.937	1818.067	2114.802	1.438
1.091	550.035	0.999	14.799
12/12/2016 12:30:00 AM	354600.000	12.265	17.652
27.955	1818.577	2115.457	1.439
1.092	549.881	0.999	14.790
12/12/2016 12:45:00 AM	355500.000	12.260	17.654
27.944	1817.111	2113.695	1.437
1.091	550.324	0.999	14.795

12/12/2016 1:00:00 AM	356400.000	12.256	17.655
27.935	1815.176	2111.369	1.436
1.089	550.911	0.999	14.798
12/12/2016 1:15:00 AM	357300.000	12.258	17.654
27.940	1815.985	2112.372	1.436
1.090	550.665	0.999	14.797
12/12/2016 1:30:00 AM	358200.000	12.260	17.653
27.945	1817.928	2114.678	1.438
1.091	550.077	0.999	14.794
12/12/2016 1:45:00 AM	359100.000	12.260	17.652
27.945	1815.374	2111.757	1.436
1.090	550.851	0.999	14.794
12/12/2016 2:00:00 AM	360000.000	12.264	17.655
27.953	1812.219	2107.938	1.433
1.087	551.810	0.999	14.790
12/12/2016 2:15:00 AM	360900.000	12.265	17.654
27.957	1813.980	2110.023	1.435
1.089	551.274	0.999	14.789
12/12/2016 2:30:00 AM	361800.000	12.256	17.653
27.934	1810.223	2105.699	1.432
1.086	552.418	0.999	14.797
12/12/2016 2:45:00 AM	362700.000	12.260	17.655
27.943	1813.532	2109.475	1.434
1.088	551.410	0.999	14.795
12/12/2016 3:00:00 AM	363600.000	12.258	17.653
27.940	1814.787	2111.012	1.435
1.089	551.029	0.999	14.795
12/12/2016 3:15:00 AM	364500.000	12.264	17.653
27.954	1808.746	2103.989	1.431
1.085	552.869	0.999	14.787
12/12/2016 3:30:00 AM	365400.000	12.259	17.654
27.942	1810.695	2106.227	1.432
1.087	552.274	0.999	14.793
12/12/2016 3:45:00 AM	366300.000	12.264	17.655
27.953	1810.616	2106.090	1.432
1.086	552.298	0.999	14.789
12/12/2016 4:00:00 AM	367200.000	12.264	17.655
27.954	1807.195	2102.115	1.429
1.084	553.344	0.999	14.787
12/12/2016 4:15:00 AM	368100.000	12.265	17.655
27.955	1810.176	2105.575	1.432
1.086	552.432	0.999	14.787
12/12/2016 4:30:00 AM	369000.000	12.262	17.654
27.949	1810.357	2105.838	1.432
1.086	552.377	0.999	14.790
12/12/2016 4:45:00 AM	369900.000	12.253	17.654
27.928	1809.676	2105.046	1.431
1.086	552.585	0.999	14.798
12/12/2016 5:00:00 AM	370800.000	12.263	17.653
27.951	1809.271	2104.583	1.431
1.086	552.709	0.999	14.788
12/12/2016 5:15:00 AM	371700.000	12.264	17.653
27.953	1806.990	2101.933	1.429
1.084	553.407	0.999	14.787
12/12/2016 5:30:00 AM	372600.000	12.265	17.654

27.955	1806.867	2101.779	1.429
1.084	553.444	0.999	14.786
12/12/2016 5:45:00 AM	373500.000	12.256	17.654
27.935	1812.780	2108.644	1.434
1.088	551.639	0.999	14.794
12/12/2016 6:00:00 AM	374400.000	12.255	17.655
27.933	1816.319	2112.724	1.437
1.090	550.564	0.999	14.794
12/12/2016 6:15:00 AM	375300.000	12.256	17.654
27.935	1820.974	2118.160	1.440
1.093	549.157	1.000	14.794
12/12/2016 6:30:00 AM	376200.000	12.259	17.655
27.942	1821.000	2118.140	1.440
1.093	549.149	1.000	14.792
12/12/2016 6:45:00 AM	377100.000	12.254	17.653
27.931	1821.403	2118.729	1.441
1.093	549.027	1.000	14.796
12/12/2016 7:00:00 AM	378000.000	12.255	17.656
27.932	1819.269	2116.102	1.439
1.092	549.671	0.999	14.797
12/12/2016 7:15:00 AM	378900.000	12.262	17.654
27.949	1823.384	2120.955	1.442
1.095	548.431	1.000	14.790
12/12/2016 7:30:00 AM	379800.000	12.256	17.655
27.936	1824.341	2122.018	1.443
1.095	548.143	1.000	14.796
12/12/2016 7:45:00 AM	380700.000	12.266	17.654
27.957	1825.845	2123.850	1.444
1.096	547.692	1.000	14.788
12/12/2016 8:00:00 AM	381600.000	12.258	17.652
27.941	1822.576	2120.126	1.442
1.094	548.674	1.000	14.794
12/12/2016 8:15:00 AM	382500.000	12.251	17.653
27.924	1820.333	2117.459	1.440
1.093	549.350	1.000	14.802
12/12/2016 8:30:00 AM	383400.000	12.253	17.654
27.928	1818.542	2115.363	1.438
1.092	549.891	0.999	14.801
12/12/2016 8:45:00 AM	384300.000	12.249	17.653
27.920	1820.522	2117.703	1.440
1.093	549.293	1.000	14.805
12/12/2016 9:00:00 AM	385200.000	12.248	17.653
27.917	1816.753	2113.295	1.437
1.090	550.432	0.999	14.808
12/12/2016 9:15:00 AM	386100.000	12.248	17.655
27.918	1822.014	2119.348	1.441
1.094	548.843	1.000	14.809
12/12/2016 9:30:00 AM	387000.000	12.248	17.654
27.916	1827.798	2126.088	1.446
1.097	547.107	1.000	14.811
12/12/2016 9:45:00 AM	387900.000	12.251	17.656
27.923	1825.020	2122.770	1.443
1.096	547.939	1.000	14.808
12/12/2016 10:00:00 AM	388800.000	12.245	17.654
27.909	1825.530	2123.491	1.444

1.096	547.786	1.000	14.816
12/12/2016 10:15:00 AM	389700.000	12.252	17.656
27.925	1824.813	2122.526	1.443
1.095	548.001	1.000	14.810
12/12/2016 10:30:00 AM	390600.000	12.250	17.653
27.922	1826.698	2124.896	1.445
1.097	547.436	1.000	14.812
12/12/2016 10:45:00 AM	391500.000	12.250	17.653
27.921	1823.292	2120.930	1.442
1.095	548.458	1.000	14.812
12/12/2016 11:00:00 AM	392400.000	12.253	17.654
27.928	1819.637	2116.612	1.439
1.092	549.560	0.999	14.811
12/12/2016 11:15:00 AM	393300.000	12.255	17.654
27.934	1818.323	2115.080	1.438
1.091	549.957	0.999	14.809
12/12/2016 11:30:00 AM	394200.000	12.263	17.654
27.951	1811.387	2107.028	1.433
1.087	552.063	0.999	14.799
12/12/2016 11:45:00 AM	395100.000	12.265	17.655
27.955	1809.353	2104.597	1.431
1.086	552.684	0.999	14.798
12/12/2016 12:00:00 PM	396000.000	12.267	17.655
27.961	1813.154	2109.010	1.434
1.088	551.525	0.999	14.794
12/12/2016 12:15:00 PM	396900.000	12.282	17.658
27.994	1814.819	2110.836	1.435
1.089	551.019	0.999	14.779
12/12/2016 12:30:00 PM	397800.000	12.274	17.653
27.976	1815.183	2111.464	1.436
1.089	550.909	0.999	14.785
12/12/2016 12:45:00 PM	398700.000	12.275	17.653
27.978	1813.796	2109.884	1.435
1.089	551.330	0.999	14.783
12/12/2016 1:00:00 PM	399600.000	12.278	17.655
27.985	1814.891	2111.046	1.436
1.089	550.997	0.999	14.777
12/12/2016 1:15:00 PM	400500.000	12.270	17.654
27.966	1821.089	2118.284	1.440
1.093	549.122	1.000	14.784
12/12/2016 1:30:00 PM	401400.000	12.278	17.654
27.985	1820.952	2118.126	1.440
1.093	549.163	1.000	14.774
12/12/2016 1:45:00 PM	402300.000	12.262	17.654
27.950	1815.920	2112.281	1.436
1.090	550.685	0.999	14.788
12/12/2016 2:00:00 PM	403200.000	12.266	17.654
27.959	1815.690	2112.021	1.436
1.090	550.755	0.999	14.783
12/12/2016 2:15:00 PM	404100.000	12.272	17.654
27.971	1809.522	2104.871	1.431
1.086	552.632	0.999	14.777
12/12/2016 2:30:00 PM	405000.000	12.267	17.653
27.961	1807.729	2102.834	1.430
1.085	553.180	0.999	14.781

12/12/2016 2:45:00 PM	405900.000	12.271	17.654
27.968	1808.765	2103.973	1.431
1.085	552.863	0.999	14.776
12/12/2016 3:00:00 PM	406800.000	12.268	17.654
27.964	1809.786	2105.174	1.432
1.086	552.552	0.999	14.779
12/12/2016 3:15:00 PM	407700.000	12.270	17.655
27.967	1810.458	2105.903	1.432
1.086	552.346	0.999	14.775
12/12/2016 3:30:00 PM	408600.000	12.266	17.653
27.959	1808.488	2103.697	1.431
1.085	552.948	0.999	14.778
12/12/2016 3:45:00 PM	409500.000	12.263	17.655
27.952	1808.130	2103.191	1.430
1.085	553.058	0.999	14.780
12/12/2016 4:00:00 PM	410400.000	12.267	17.655
27.960	1806.710	2101.534	1.429
1.084	553.492	0.999	14.776
12/12/2016 4:15:00 PM	411300.000	12.272	17.655
27.971	1804.931	2099.465	1.428
1.083	554.038	0.999	14.772
12/12/2016 4:30:00 PM	412200.000	12.268	17.654
27.963	1808.944	2104.187	1.431
1.085	552.809	0.999	14.773
12/12/2016 4:45:00 PM	413100.000	12.275	17.656
27.978	1811.604	2107.166	1.433
1.087	551.997	0.999	14.767
12/12/2016 5:00:00 PM	414000.000	12.278	17.657
27.985	1817.051	2113.489	1.437
1.091	550.342	0.999	14.766
12/12/2016 5:15:00 PM	414900.000	12.267	17.655
27.961	1819.052	2115.866	1.439
1.092	549.737	0.999	14.772
12/12/2016 5:30:00 PM	415800.000	12.260	17.655
27.945	1817.751	2114.353	1.438
1.091	550.130	0.999	14.777
12/12/2016 5:45:00 PM	416700.000	12.267	17.655
27.959	1815.383	2111.627	1.436
1.089	550.848	0.999	14.773
12/12/2016 6:00:00 PM	417600.000	12.259	17.654
27.943	1816.932	2113.461	1.437
1.090	550.378	0.999	14.779
12/12/2016 6:15:00 PM	418500.000	12.258	17.654
27.940	1819.326	2116.234	1.439
1.092	549.654	0.999	14.780
12/12/2016 6:30:00 PM	419400.000	12.263	17.654
27.950	1814.975	2111.177	1.436
1.089	550.972	0.999	14.775
12/12/2016 6:45:00 PM	420300.000	12.267	17.653
27.960	1812.328	2108.175	1.434
1.088	551.777	0.999	14.772
12/12/2016 7:00:00 PM	421200.000	12.266	17.653
27.958	1811.367	2107.022	1.433
1.087	552.069	0.999	14.772
12/12/2016 7:15:00 PM	422100.000	12.258	17.655

27.941	1812.567	2108.344	1.434
1.088	551.704	0.999	14.779
12/12/2016 7:30:00 PM	423000.000	12.258	17.656
27.939	1814.127	2110.129	1.435
1.089	551.229	0.999	14.779
12/12/2016 7:45:00 PM	423900.000	12.263	17.655
27.950	1818.578	2115.327	1.438
1.092	549.880	0.999	14.775
12/12/2016 8:00:00 PM	424800.000	12.259	17.654
27.941	1819.555	2116.533	1.439
1.092	549.585	0.999	14.778
12/12/2016 8:15:00 PM	425700.000	12.262	17.655
27.950	1819.418	2116.296	1.439
1.092	549.626	0.999	14.776
12/12/2016 8:30:00 PM	426600.000	12.266	17.655
27.958	1817.579	2114.185	1.438
1.091	550.182	0.999	14.771
12/12/2016 8:45:00 PM	427500.000	12.267	17.655
27.960	1818.606	2115.372	1.438
1.092	549.872	0.999	14.771
12/12/2016 9:00:00 PM	428400.000	12.259	17.653
27.942	1814.636	2110.824	1.435
1.089	551.075	0.999	14.779
12/12/2016 9:15:00 PM	429300.000	12.258	17.653
27.940	1814.207	2110.325	1.435
1.089	551.205	0.999	14.780
12/12/2016 9:30:00 PM	430200.000	12.264	17.653
27.954	1812.053	2107.827	1.433
1.087	551.860	0.999	14.775
12/12/2016 9:45:00 PM	431100.000	12.258	17.654
27.939	1811.987	2107.713	1.433
1.087	551.880	0.999	14.780
12/12/2016 10:00:00 PM	432000.000	12.259	17.655
27.941	1811.967	2107.649	1.433
1.087	551.887	0.999	14.781
12/12/2016 10:15:00 PM	432900.000	12.253	17.653
27.929	1809.941	2105.371	1.432
1.086	552.504	0.999	14.786
12/12/2016 10:30:00 PM	433800.000	12.264	17.656
27.954	1812.018	2107.668	1.433
1.087	551.871	0.999	14.775
12/12/2016 10:45:00 PM	434700.000	12.258	17.655
27.940	1813.589	2109.524	1.434
1.088	551.393	0.999	14.780
12/12/2016 11:00:00 PM	435600.000	12.258	17.656
27.939	1818.263	2114.915	1.438
1.091	549.976	0.999	14.782
12/12/2016 11:15:00 PM	436500.000	12.254	17.654
27.931	1825.968	2123.976	1.444
1.096	547.655	1.000	14.786
12/12/2016 11:30:00 PM	437400.000	12.267	17.653
27.961	1821.808	2119.178	1.441
1.094	548.905	1.000	14.772
12/12/2016 11:45:00 PM	438300.000	12.260	17.654
27.945	1820.157	2117.205	1.440

1.093	549.403	0.999	14.778
12/13/2016 12:00:00 AM	439200.000	12.254	17.655
27.930	1816.360	2112.743	1.437
1.090	550.552	0.999	14.786
12/13/2016 12:15:00 AM	440100.000	12.263	17.656
27.950	1819.038	2115.838	1.439
1.092	549.741	0.999	14.777
12/13/2016 12:30:00 AM	441000.000	12.257	17.655
27.937	1817.394	2113.983	1.438
1.091	550.238	0.999	14.784
12/13/2016 12:45:00 AM	441900.000	12.260	17.654
27.944	1818.234	2114.992	1.438
1.091	549.984	0.999	14.780
12/13/2016 1:00:00 AM	442800.000	12.264	17.653
27.953	1815.128	2111.409	1.436
1.089	550.925	0.999	14.777
12/13/2016 1:15:00 AM	443700.000	12.261	17.655
27.947	1808.194	2103.252	1.430
1.085	553.038	0.999	14.779
12/13/2016 1:30:00 AM	444600.000	12.259	17.654
27.942	1808.454	2103.604	1.430
1.085	552.958	0.999	14.782
12/13/2016 1:45:00 AM	445500.000	12.255	17.654
27.934	1810.564	2106.079	1.432
1.086	552.314	0.999	14.786
12/13/2016 2:00:00 AM	446400.000	12.253	17.655
27.928	1814.459	2110.523	1.435
1.089	551.128	0.999	14.789
12/13/2016 2:15:00 AM	447300.000	12.259	17.656
27.941	1811.861	2107.498	1.433
1.087	551.919	0.999	14.784
12/13/2016 2:30:00 AM	448200.000	12.256	17.653
27.935	1818.057	2114.803	1.438
1.091	550.038	0.999	14.786
12/13/2016 2:45:00 AM	449100.000	12.257	17.655
27.936	1815.758	2112.063	1.436
1.090	550.734	0.999	14.787
12/13/2016 3:00:00 AM	450000.000	12.254	17.655
27.930	1819.290	2116.150	1.439
1.092	549.665	0.999	14.790
12/13/2016 3:15:00 AM	450900.000	12.259	17.655
27.943	1820.755	2117.876	1.440
1.093	549.223	0.999	14.786
12/13/2016 3:30:00 AM	451800.000	12.264	17.656
27.953	1822.041	2119.326	1.441
1.094	548.835	1.000	14.783
12/13/2016 3:45:00 AM	452700.000	12.265	17.654
27.957	1822.123	2119.496	1.441
1.094	548.810	1.000	14.780
12/13/2016 4:00:00 AM	453600.000	12.265	17.655
27.955	1822.448	2119.845	1.441
1.094	548.713	1.000	14.780
12/13/2016 4:15:00 AM	454500.000	12.265	17.654
27.956	1826.799	2124.964	1.445
1.097	547.406	1.000	14.780

12/13/2016 4:30:00 AM	455400.000	12.269	17.653
27.965	1820.840	2118.058	1.440
1.093	549.197	1.000	14.774
12/13/2016 4:45:00 AM	456300.000	12.266	17.656
27.959	1819.194	2116.019	1.439
1.092	549.694	0.999	14.777
12/13/2016 5:00:00 AM	457200.000	12.268	17.654
27.961	1813.812	2109.833	1.435
1.089	551.325	0.999	14.775
12/13/2016 5:15:00 AM	458100.000	12.266	17.654
27.958	1809.909	2105.293	1.432
1.086	552.514	0.999	14.776
12/13/2016 5:30:00 AM	459000.000	12.266	17.655
27.957	1811.607	2107.231	1.433
1.087	551.996	0.999	14.776
12/13/2016 5:45:00 AM	459900.000	12.268	17.655
27.962	1811.291	2106.876	1.433
1.087	552.092	0.999	14.773
12/13/2016 6:00:00 AM	460800.000	12.263	17.655
27.950	1809.355	2104.628	1.431
1.086	552.683	0.999	14.779
12/13/2016 6:15:00 AM	461700.000	12.264	17.655
27.953	1808.899	2104.097	1.431
1.085	552.823	0.999	14.777
12/13/2016 6:30:00 AM	462600.000	12.258	17.654
27.940	1810.595	2106.078	1.432
1.086	552.305	0.999	14.784
12/13/2016 6:45:00 AM	463500.000	12.260	17.654
27.945	1813.148	2109.080	1.434
1.088	551.527	0.999	14.781
12/13/2016 7:00:00 AM	464400.000	12.257	17.654
27.938	1813.175	2109.100	1.434
1.088	551.519	0.999	14.785
12/13/2016 7:15:00 AM	465300.000	12.255	17.655
27.933	1811.091	2106.651	1.433
1.087	552.153	0.999	14.786
12/13/2016 7:30:00 AM	466200.000	12.261	17.653
27.947	1811.057	2106.664	1.433
1.087	552.164	0.999	14.782
12/13/2016 7:45:00 AM	467100.000	12.254	17.653
27.931	1810.791	2106.393	1.432
1.087	552.245	0.999	14.790
12/13/2016 8:00:00 AM	468000.000	12.255	17.653
27.932	1808.560	2103.785	1.431
1.085	552.926	0.999	14.791
12/13/2016 8:15:00 AM	468900.000	12.252	17.654
27.927	1809.701	2105.042	1.431
1.086	552.578	0.999	14.794
12/13/2016 8:30:00 AM	469800.000	12.255	17.653
27.934	1809.089	2104.396	1.431
1.086	552.765	0.999	14.795
12/13/2016 8:45:00 AM	470700.000	12.237	17.654
27.891	1807.464	2102.444	1.430
1.085	553.261	0.999	14.812
12/13/2016 9:00:00 AM	471600.000	12.253	17.655

27.929	1810.243	2105.652	1.432
1.086	552.412	0.999	14.798
12/13/2016 9:15:00 AM	472500.000	12.245	17.657
27.910	1817.634	2114.146	1.438
1.091	550.166	0.999	14.809
12/13/2016 9:30:00 AM	473400.000	12.244	17.656
27.909	1816.955	2113.410	1.437
1.090	550.371	0.999	14.810
12/13/2016 9:45:00 AM	474300.000	12.253	17.654
27.928	1814.607	2110.782	1.435
1.089	551.083	0.999	14.804
12/13/2016 10:00:00 AM	475200.000	12.248	17.655
27.917	1815.002	2111.192	1.436
1.089	550.964	0.999	14.811
12/13/2016 10:15:00 AM	476100.000	12.249	17.654
27.920	1815.996	2112.365	1.436
1.090	550.662	0.999	14.811
12/13/2016 10:30:00 AM	477000.000	12.254	17.653
27.930	1807.212	2102.221	1.430
1.084	553.338	0.999	14.807
12/13/2016 10:45:00 AM	477900.000	12.250	17.653
27.921	1811.692	2107.440	1.433
1.087	551.970	0.999	14.813
12/13/2016 11:00:00 AM	478800.000	12.254	17.655
27.930	1812.352	2108.089	1.434
1.088	551.769	0.999	14.810
12/13/2016 11:15:00 AM	479700.000	12.262	17.656
27.950	1814.942	2111.073	1.436
1.089	550.982	0.999	14.803
12/13/2016 11:30:00 AM	480600.000	12.262	17.653
27.950	1814.528	2110.706	1.435
1.089	551.108	0.999	14.803
12/13/2016 11:45:00 AM	481500.000	12.268	17.655
27.961	1814.772	2110.896	1.435
1.089	551.033	0.999	14.796
12/13/2016 12:00:00 PM	482400.000	12.266	17.654
27.959	1815.268	2111.514	1.436
1.089	550.883	0.999	14.797
12/13/2016 12:15:00 PM	483300.000	12.272	17.654
27.971	1816.179	2112.606	1.437
1.090	550.606	0.999	14.790
12/13/2016 12:30:00 PM	484200.000	12.278	17.655
27.986	1814.071	2110.117	1.435
1.089	551.246	0.999	14.783
12/13/2016 12:45:00 PM	485100.000	12.278	17.654
27.985	1813.381	2109.323	1.434
1.088	551.456	0.999	14.782
12/13/2016 1:00:00 PM	486000.000	12.280	17.653
27.989	1812.704	2108.577	1.434
1.088	551.662	0.999	14.779
12/13/2016 1:15:00 PM	486900.000	12.279	17.654
27.987	1811.508	2107.177	1.433
1.087	552.026	0.999	14.778
12/13/2016 1:30:00 PM	487800.000	12.274	17.653
27.975	1809.909	2105.329	1.432

1.086	552.514	0.999	14.780
12/13/2016 1:45:00 PM	488700.000	12.282	17.655
27.995	1809.173	2104.379	1.431
1.086	552.739	0.999	14.770
12/13/2016 2:00:00 PM	489600.000	12.285	17.653
28.002	1809.329	2104.663	1.431
1.086	552.691	0.999	14.766
12/13/2016 2:15:00 PM	490500.000	12.271	17.653
27.969	1807.616	2102.687	1.430
1.085	553.215	0.999	14.780
12/13/2016 2:30:00 PM	491400.000	12.271	17.656
27.968	1807.403	2102.288	1.430
1.084	553.280	0.999	14.778
12/13/2016 2:45:00 PM	492300.000	12.271	17.656
27.970	1818.494	2115.200	1.438
1.091	549.906	0.999	14.777
12/13/2016 3:00:00 PM	493200.000	12.271	17.655
27.970	1812.295	2108.019	1.433
1.088	551.787	0.999	14.776
12/13/2016 3:15:00 PM	494100.000	12.276	17.657
27.980	1820.882	2117.916	1.440
1.093	549.185	0.999	14.770
12/13/2016 3:30:00 PM	495000.000	12.277	17.655
27.982	1818.311	2115.045	1.438
1.091	549.961	0.999	14.769
12/13/2016 3:45:00 PM	495900.000	12.272	17.653
27.971	1819.028	2115.945	1.439
1.092	549.744	0.999	14.773
12/13/2016 4:00:00 PM	496800.000	12.271	17.654
27.969	1818.560	2115.356	1.438
1.092	549.885	0.999	14.771
12/13/2016 4:15:00 PM	497700.000	12.273	17.653
27.973	1816.973	2113.554	1.437
1.091	550.366	0.999	14.771
12/13/2016 4:30:00 PM	498600.000	12.273	17.654
27.974	1815.237	2111.478	1.436
1.089	550.892	0.999	14.769
12/13/2016 4:45:00 PM	499500.000	12.275	17.654
27.980	1811.997	2107.718	1.433
1.087	551.877	0.999	14.767
12/13/2016 5:00:00 PM	500400.000	12.273	17.654
27.974	1809.725	2105.094	1.431
1.086	552.570	0.999	14.766
12/13/2016 5:15:00 PM	501300.000	12.273	17.653
27.974	1810.498	2106.014	1.432
1.086	552.334	0.999	14.767
12/13/2016 5:30:00 PM	502200.000	12.278	17.656
27.986	1812.255	2107.927	1.433
1.087	551.799	0.999	14.761
12/13/2016 5:45:00 PM	503100.000	12.265	17.656
27.956	1819.640	2116.533	1.439
1.092	549.559	0.999	14.774
12/13/2016 6:00:00 PM	504000.000	12.267	17.656
27.961	1819.715	2116.596	1.439
1.092	549.536	0.999	14.771

12/13/2016 6:15:00 PM	504900.000	12.264	17.654
27.953	1818.621	2115.414	1.438
1.092	549.867	0.999	14.772
12/13/2016 6:30:00 PM	505800.000	12.263	17.655
27.952	1818.475	2115.240	1.438
1.091	549.911	0.999	14.775
12/13/2016 6:45:00 PM	506700.000	12.266	17.654
27.958	1815.703	2112.048	1.436
1.090	550.751	0.999	14.774
12/13/2016 7:00:00 PM	507600.000	12.265	17.654
27.955	1812.211	2107.979	1.433
1.088	551.812	0.999	14.774
12/13/2016 7:15:00 PM	508500.000	12.265	17.656
27.955	1819.450	2116.296	1.439
1.092	549.617	0.999	14.775
12/13/2016 7:30:00 PM	509400.000	12.271	17.655
27.969	1822.510	2119.917	1.442
1.094	548.694	1.000	14.768
12/13/2016 7:45:00 PM	510300.000	12.268	17.653
27.962	1820.998	2118.232	1.440
1.093	549.149	1.000	14.773
12/13/2016 8:00:00 PM	511200.000	12.263	17.655
27.951	1818.944	2115.773	1.439
1.092	549.770	0.999	14.777
12/13/2016 8:15:00 PM	512100.000	12.262	17.654
27.949	1814.208	2110.321	1.435
1.089	551.205	0.999	14.777
12/13/2016 8:30:00 PM	513000.000	12.263	17.654
27.950	1815.275	2111.538	1.436
1.089	550.881	0.999	14.777
12/13/2016 8:45:00 PM	513900.000	12.264	17.654
27.954	1814.917	2111.118	1.436
1.089	550.990	0.999	14.776
12/13/2016 9:00:00 PM	514800.000	12.260	17.655
27.945	1812.976	2108.844	1.434
1.088	551.579	0.999	14.781
12/13/2016 9:15:00 PM	515700.000	12.266	17.654
27.959	1812.940	2108.838	1.434
1.088	551.590	0.999	14.776
12/13/2016 9:30:00 PM	516600.000	12.266	17.655
27.959	1809.176	2104.403	1.431
1.086	552.738	0.999	14.777
12/13/2016 9:45:00 PM	517500.000	12.265	17.654
27.955	1805.599	2100.279	1.428
1.083	553.833	0.999	14.779
12/13/2016 10:00:00 PM	518400.000	12.263	17.654
27.952	1804.552	2099.053	1.427
1.083	554.154	0.999	14.780
12/13/2016 10:15:00 PM	519300.000	12.252	17.653
27.925	1808.422	2103.608	1.430
1.085	552.968	0.999	14.793
12/13/2016 10:30:00 PM	520200.000	12.259	17.654
27.943	1806.724	2101.616	1.429
1.084	553.488	0.999	14.786
12/13/2016 10:45:00 PM	521100.000	12.254	17.654

27.931	1804.734	2099.301	1.428
1.083	554.098	0.999	14.793
12/13/2016 11:00:00 PM	522000.000	12.261	17.656
27.947	1811.839	2107.472	1.433
1.087	551.925	0.999	14.785
12/13/2016 11:15:00 PM	522900.000	12.269	17.654
27.964	1804.094	2098.557	1.427
1.082	554.295	0.999	14.777
12/13/2016 11:30:00 PM	523800.000	12.263	17.654
27.952	1808.525	2103.707	1.431
1.085	552.937	0.999	14.785
12/13/2016 11:45:00 PM	524700.000	12.270	17.653
27.967	1808.175	2103.328	1.430
1.085	553.044	0.999	14.778
12/14/2016 12:00:00 AM	525600.000	12.262	17.654
27.949	1809.394	2104.702	1.431
1.086	552.671	0.999	14.787
12/14/2016 12:15:00 AM	526500.000	12.266	17.654
27.959	1808.834	2104.067	1.431
1.085	552.842	0.999	14.782
12/14/2016 12:30:00 AM	527400.000	12.264	17.652
27.952	1807.167	2102.185	1.429
1.084	553.352	0.999	14.784
12/14/2016 12:45:00 AM	528300.000	12.265	17.656
27.957	1809.346	2104.572	1.431
1.086	552.686	0.999	14.783
12/14/2016 1:00:00 AM	529200.000	12.273	17.655
27.973	1814.680	2110.788	1.435
1.089	551.061	0.999	14.776
12/14/2016 1:15:00 AM	530100.000	12.280	17.655
27.989	1816.086	2112.445	1.436
1.090	550.635	0.999	14.767
12/14/2016 1:30:00 AM	531000.000	12.271	17.654
27.968	1816.701	2113.185	1.437
1.090	550.448	0.999	14.775
12/14/2016 1:45:00 AM	531900.000	12.275	17.653
27.978	1816.779	2113.329	1.437
1.090	550.425	0.999	14.770
12/14/2016 2:00:00 AM	532800.000	12.269	17.654
27.966	1815.409	2111.706	1.436
1.090	550.840	0.999	14.776
12/14/2016 2:15:00 AM	533700.000	12.267	17.654
27.960	1813.605	2109.616	1.435
1.088	551.388	0.999	14.779
12/14/2016 2:30:00 AM	534600.000	12.266	17.653
27.957	1811.603	2107.325	1.433
1.087	551.997	0.999	14.779
12/14/2016 2:45:00 AM	535500.000	12.264	17.655
27.954	1809.621	2104.929	1.431
1.086	552.602	0.999	14.780
12/14/2016 3:00:00 AM	536400.000	12.266	17.655
27.958	1811.948	2107.607	1.433
1.087	551.892	0.999	14.779
12/14/2016 3:15:00 AM	537300.000	12.265	17.657
27.956	1815.642	2111.822	1.436

1.090	550.769	0.999	14.779
12/14/2016 3:30:00 AM	538200.000	12.262	17.655
27.948	1815.129	2111.319	1.436
1.089	550.925	0.999	14.783
12/14/2016 3:45:00 AM	539100.000	12.267	17.654
27.960	1812.361	2108.153	1.434
1.088	551.766	0.999	14.778
12/14/2016 4:00:00 AM	540000.000	12.277	17.654
27.983	1813.143	2109.083	1.434
1.088	551.528	0.999	14.767
12/14/2016 4:15:00 AM	540900.000	12.276	17.654
27.981	1813.856	2109.871	1.435
1.089	551.312	0.999	14.767
12/14/2016 4:30:00 AM	541800.000	12.280	17.655
27.990	1812.111	2107.838	1.433
1.087	551.843	0.999	14.763
12/14/2016 4:45:00 AM	542700.000	12.286	17.657
28.004	1817.155	2113.590	1.437
1.091	550.311	0.999	14.755
12/14/2016 5:00:00 AM	543600.000	12.282	17.657
27.995	1817.844	2114.407	1.438
1.091	550.102	0.999	14.757
12/14/2016 5:15:00 AM	544500.000	12.276	17.656
27.982	1817.117	2113.591	1.437
1.091	550.322	0.999	14.763
12/14/2016 5:30:00 AM	545400.000	12.279	17.657
27.989	1815.916	2112.160	1.436
1.090	550.686	0.999	14.758
12/14/2016 5:45:00 AM	546300.000	12.275	17.655
27.979	1815.447	2111.677	1.436
1.090	550.828	0.999	14.762
12/14/2016 6:00:00 AM	547200.000	12.274	17.653
27.976	1809.937	2105.374	1.432
1.086	552.505	0.999	14.763
12/14/2016 6:15:00 AM	548100.000	12.274	17.655
27.977	1809.987	2105.359	1.432
1.086	552.490	0.999	14.760
12/14/2016 6:30:00 AM	549000.000	12.277	17.655
27.983	1814.326	2110.402	1.435
1.089	551.169	0.999	14.759
12/14/2016 6:45:00 AM	549900.000	12.270	17.656
27.967	1810.103	2105.452	1.432
1.086	552.455	0.999	14.764
12/14/2016 7:00:00 AM	550800.000	12.270	17.656
27.967	1810.981	2106.437	1.432
1.087	552.187	0.999	14.765
12/14/2016 7:15:00 AM	551700.000	12.266	17.655
27.958	1815.089	2111.289	1.436
1.089	550.937	0.999	14.769
12/14/2016 7:30:00 AM	552600.000	12.274	17.655
27.976	1813.206	2109.086	1.434
1.088	551.509	0.999	14.760
12/14/2016 7:45:00 AM	553500.000	12.274	17.657
27.977	1814.667	2110.679	1.435
1.089	551.065	0.999	14.759

12/14/2016 8:00:00 AM	554400.000	12.279	17.655
27.987	1815.739	2112.053	1.436
1.090	550.740	0.999	14.755
12/14/2016 8:15:00 AM	555300.000	12.271	17.653
27.969	1815.435	2111.770	1.436
1.090	550.832	0.999	14.761
12/14/2016 8:30:00 AM	556200.000	12.268	17.654
27.962	1814.436	2110.558	1.435
1.089	551.135	0.999	14.764
12/14/2016 8:45:00 AM	557100.000	12.272	17.654
27.972	1811.339	2106.947	1.433
1.087	552.078	0.999	14.761
12/14/2016 9:00:00 AM	558000.000	12.276	17.656
27.980	1808.981	2104.124	1.431
1.085	552.797	0.999	14.757
12/14/2016 9:15:00 AM	558900.000	12.256	17.653
27.934	1808.698	2103.953	1.431
1.085	552.884	0.999	14.777
12/14/2016 9:30:00 AM	559800.000	12.260	17.657
27.945	1811.042	2106.496	1.432
1.087	552.168	0.999	14.773
12/14/2016 9:45:00 AM	560700.000	12.259	17.656
27.942	1812.511	2108.246	1.434
1.088	551.721	0.999	14.775
12/14/2016 10:00:00 AM	561600.000	12.265	17.656
27.956	1824.552	2122.226	1.443
1.095	548.080	1.000	14.770
12/14/2016 10:15:00 AM	562500.000	12.263	17.654
27.951	1820.438	2117.552	1.440
1.093	549.318	1.000	14.773
12/14/2016 10:30:00 AM	563400.000	12.268	17.657
27.962	1820.399	2117.375	1.440
1.093	549.330	0.999	14.769
12/14/2016 10:45:00 AM	564300.000	12.264	17.653
27.953	1818.800	2115.688	1.439
1.092	549.813	0.999	14.774
12/14/2016 11:00:00 AM	565200.000	12.268	17.653
27.963	1816.773	2113.338	1.437
1.090	550.427	0.999	14.769
12/14/2016 11:15:00 AM	566100.000	12.270	17.653
27.967	1815.210	2111.512	1.436
1.089	550.900	0.999	14.768
12/14/2016 11:30:00 AM	567000.000	12.270	17.653
27.966	1814.935	2111.184	1.436
1.089	550.984	0.999	14.768
12/14/2016 11:45:00 AM	567900.000	12.272	17.654
27.972	1813.103	2109.008	1.434
1.088	551.541	0.999	14.766
12/14/2016 12:00:00 PM	568800.000	12.281	17.654
27.992	1812.676	2108.536	1.434
1.088	551.670	0.999	14.756
12/14/2016 12:15:00 PM	569700.000	12.279	17.654
27.988	1817.523	2114.161	1.438
1.091	550.199	0.999	14.757
12/14/2016 12:30:00 PM	570600.000	12.290	17.654

28.012	1823.704	2121.340	1.443
1.095	548.334	1.000	14.749
12/14/2016 12:45:00 PM	571500.000	12.284	17.654
27.999	1820.470	2117.577	1.440
1.093	549.309	0.999	14.750
12/14/2016 1:00:00 PM	572400.000	12.282	17.655
27.995	1814.971	2111.156	1.436
1.089	550.973	0.999	14.750
12/14/2016 1:15:00 PM	573300.000	12.280	17.654
27.990	1808.620	2103.796	1.431
1.085	552.908	0.999	14.751
12/14/2016 1:30:00 PM	574200.000	12.280	17.654
27.990	1810.728	2106.270	1.432
1.087	552.264	0.999	14.750
12/14/2016 1:45:00 PM	575100.000	12.282	17.655
27.995	1810.164	2105.544	1.432
1.086	552.436	0.999	14.747
12/14/2016 2:00:00 PM	576000.000	12.284	17.654
27.999	1810.046	2105.464	1.432
1.086	552.472	0.999	14.742
12/14/2016 2:15:00 PM	576900.000	12.283	17.655
27.996	1814.389	2110.471	1.435
1.089	551.150	0.999	14.743
12/14/2016 2:30:00 PM	577800.000	12.276	17.654
27.980	1810.624	2106.127	1.432
1.087	552.296	0.999	14.747
12/14/2016 2:45:00 PM	578700.000	12.282	17.654
27.994	1810.475	2105.938	1.432
1.086	552.341	0.999	14.740
12/14/2016 3:00:00 PM	579600.000	12.274	17.655
27.975	1811.697	2107.319	1.433
1.087	551.969	0.999	14.747
12/14/2016 3:15:00 PM	580500.000	12.284	17.658
28.000	1816.201	2112.438	1.436
1.090	550.600	0.999	14.736
12/14/2016 3:30:00 PM	581400.000	12.277	17.655
27.983	1811.466	2107.070	1.433
1.087	552.039	0.999	14.742
12/14/2016 3:45:00 PM	582300.000	12.281	17.656
27.992	1814.755	2110.863	1.435
1.089	551.039	0.999	14.736
12/14/2016 4:00:00 PM	583200.000	12.284	17.656
27.999	1815.715	2111.980	1.436
1.090	550.747	0.999	14.731
12/14/2016 4:15:00 PM	584100.000	12.272	17.657
27.971	1816.599	2112.963	1.437
1.090	550.479	0.999	14.744
12/14/2016 4:30:00 PM	585000.000	12.275	17.655
27.980	1810.870	2106.357	1.432
1.087	552.221	0.999	14.739
12/14/2016 4:45:00 PM	585900.000	12.277	17.654
27.984	1810.583	2106.089	1.432
1.086	552.308	0.999	14.736
12/14/2016 5:00:00 PM	586800.000	12.276	17.654
27.982	1810.424	2105.903	1.432

1.086	552.357	0.999	14.738
12/14/2016 5:15:00 PM	587700.000	12.274	17.655
27.977	1812.255	2107.989	1.433
1.088	551.799	0.999	14.740
12/14/2016 5:30:00 PM	588600.000	12.273	17.654
27.974	1814.001	2110.056	1.435
1.089	551.268	0.999	14.740
12/14/2016 5:45:00 PM	589500.000	12.275	17.655
27.979	1815.658	2111.951	1.436
1.090	550.764	0.999	14.738
12/14/2016 6:00:00 PM	590400.000	12.272	17.654
27.973	1816.658	2113.131	1.437
1.090	550.461	0.999	14.741
12/14/2016 6:15:00 PM	591300.000	12.274	17.656
27.977	1816.493	2112.853	1.437
1.090	550.511	0.999	14.739
12/14/2016 6:30:00 PM	592200.000	12.277	17.654
27.982	1815.064	2111.305	1.436
1.089	550.945	0.999	14.737
12/14/2016 6:45:00 PM	593100.000	12.276	17.657
27.982	1812.559	2108.236	1.434
1.088	551.706	0.999	14.737
12/14/2016 7:00:00 PM	594000.000	12.278	17.655
27.985	1816.992	2113.511	1.437
1.091	550.360	0.999	14.736
12/14/2016 7:15:00 PM	594900.000	12.271	17.656
27.968	1817.415	2113.950	1.437
1.091	550.232	0.999	14.742
12/14/2016 7:30:00 PM	595800.000	12.281	17.656
27.992	1820.328	2117.313	1.440
1.093	549.351	0.999	14.732
12/14/2016 7:45:00 PM	596700.000	12.278	17.656
27.986	1823.909	2121.496	1.443
1.095	548.273	1.000	14.733
12/14/2016 8:00:00 PM	597600.000	12.281	17.656
27.991	1825.146	2122.918	1.444
1.096	547.901	1.000	14.730
12/14/2016 8:15:00 PM	598500.000	12.281	17.655
27.993	1823.025	2120.508	1.442
1.094	548.539	1.000	14.730
12/14/2016 8:30:00 PM	599400.000	12.277	17.656
27.983	1825.855	2123.746	1.444
1.096	547.689	1.000	14.735
12/14/2016 8:45:00 PM	600300.000	12.275	17.656
27.979	1831.032	2129.796	1.448
1.099	546.140	1.000	14.736
12/14/2016 9:00:00 PM	601200.000	12.264	17.655
27.955	1825.442	2123.306	1.444
1.096	547.813	1.000	14.746
12/14/2016 9:15:00 PM	602100.000	12.269	17.655
27.964	1824.968	2122.751	1.443
1.096	547.955	1.000	14.743
12/14/2016 9:30:00 PM	603000.000	12.267	17.655
27.961	1827.787	2126.035	1.446
1.097	547.110	1.000	14.743

12/14/2016 9:45:00 PM	603900.000	12.269	17.657
27.965	1829.198	2127.614	1.447
1.098	546.688	1.000	14.743
12/14/2016 10:00:00 PM	604800.000	12.268	17.655
27.962	1828.318	2126.685	1.446
1.098	546.951	1.000	14.744
12/14/2016 10:15:00 PM	605700.000	12.268	17.655
27.961	1825.578	2123.503	1.444
1.096	547.772	1.000	14.744
12/14/2016 10:30:00 PM	606600.000	12.276	17.654
27.980	1822.849	2120.352	1.442
1.094	548.592	1.000	14.738
12/14/2016 10:45:00 PM	607500.000	12.268	17.654
27.964	1818.663	2115.484	1.439
1.092	549.854	0.999	14.745
12/14/2016 11:00:00 PM	608400.000	12.272	17.654
27.971	1816.743	2113.229	1.437
1.090	550.436	0.999	14.742
12/14/2016 11:15:00 PM	609300.000	12.271	17.655
27.970	1814.299	2110.337	1.435
1.089	551.177	0.999	14.742
12/14/2016 11:30:00 PM	610200.000	12.275	17.655
27.979	1812.125	2107.846	1.433
1.087	551.838	0.999	14.741
12/14/2016 11:45:00 PM	611100.000	12.270	17.653
27.967	1806.828	2101.741	1.429
1.084	553.456	0.999	14.744

Report Date: 12/19/2016 10:29:56 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8D LT Test_2016-12-15_15-19-56-937-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:12:50 AM	Used Battery: 0% Used Memory: 6% User Name: KMakar
1/21/2016 8:56:16 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 9:16:30 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:13:13 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 10:01:09 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 11:20:41 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:30:00 AM
2/25/2016 10:47:51 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:49:53 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:36:57 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:30:02 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:15:00 PM
3/24/2016 8:57:31 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:08:14 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:35:01 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM
4/14/2016 3:11:46 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:15:00 PM
4/21/2016 1:17:44 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM
4/28/2016 8:16:35 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:23:19 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:11:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 1:55:18 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:45:00 PM
5/26/2016 9:03:15 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:33:27 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:15:00 PM
6/9/2016 9:31:51 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:10:03 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 10:06:21 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval -

Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:45:00 AM
7/1/2016 11:40:47 AM Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 12:15:00 PM
7/8/2016 11:51:05 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:06:44 PM Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 10:28:35 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/21/2016 11:41:45 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM
7/21/2016 11:47:48 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:30:00 PM
7/28/2016 6:14:41 PM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 7:00:00 PM
8/4/2016 2:52:58 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:30:00 PM
8/11/2016 10:46:08 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 3:40:06 PM Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM
8/25/2016 12:20:31 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:15:00 PM
9/1/2016 4:03:09 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:45:00 PM
9/8/2016 6:21:54 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 7:00:00 PM
9/15/2016 3:08:12 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 4:00:00 PM
9/22/2016 12:40:49 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:30:00 PM
10/1/2016 11:26:38 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 12:15:00 PM
10/6/2016 12:01:25 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/6/2016 12:00:00 PM
10/13/2016 4:23:35 PM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 5:00:00 PM
10/20/2016 4:47:15 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 12:38:45 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 12:20:00 PM
11/3/2016 3:53:03 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:45:00 PM
11/11/2016 8:19:19 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 9:00:00 AM
11/17/2016 3:01:49 PM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:45:00 PM
11/24/2016 12:28:37 PM Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:15:00 PM
12/2/2016 7:56:10 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:30:00 AM
12/9/2016 9:28:10 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 10:00:00 AM
12/15/2016 3:19:50 PM Log Download - Used Battery: 18% Used Memory: 42% User Name: SKuiper Interval -

Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:00:00 PM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 742
Sensors: 2
1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: PCTD(A) 658.7ft SN#: 437552	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	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)
12/8/2016 12:00:00 AM	7200.000	131.576	20.373	299.903	14054.547	15417.048	9.096	10483.593	71.151	1.005	14.776
12/8/2016 12:15:00 AM	8100.000	131.562	20.372	299.870	14049.645	15411.895	9.093	10480.089	71.176	1.005	14.783
12/8/2016 12:30:00 AM	9000.000	131.556	20.371	299.856	14048.571	15411.227	9.092	10479.635	71.182	1.005	14.783
12/8/2016 12:45:00 AM	9900.000	131.569	20.366	299.887	14046.879	15410.977	9.092	10479.465	71.190	1.005	14.771
12/8/2016 1:00:00 AM	10800.000	131.565	20.374	299.877	14049.945	15411.549	9.093	10479.854	71.175	1.005	14.774
12/8/2016 1:15:00 AM	11700.000	131.572	20.370	299.894	14050.492	15413.418	9.094	10481.125	71.172	1.005	14.774
12/8/2016 1:30:00 AM	12600.000	131.569	20.376	299.886	14051.104	15412.229	9.093	10480.316	71.169	1.005	14.771
12/8/2016 1:45:00 AM	13500.000	131.575	20.376	299.900	14048.271	15409.064	9.091	10478.165	71.183	1.005	14.769

12/8/2016 2:00:00 AM	14400.000	131.579	20.369
299.910	14053.944	15417.772	9.097
10484.085	71.154	1.005	14.768
12/8/2016 2:15:00 AM	15300.000	131.626	20.374
300.016	14051.673	15413.698	9.094
10481.314	71.166	1.005	14.766
12/8/2016 2:30:00 AM	16200.000	131.586	20.367
299.925	14047.611	15411.526	9.093
10479.838	71.186	1.005	14.772
12/8/2016 2:45:00 AM	17100.000	131.597	20.374
299.950	14056.690	15419.118	9.097
10485.001	71.141	1.005	14.770
12/8/2016 3:00:00 AM	18000.000	131.599	20.377
299.954	14054.257	15415.348	9.095
10482.438	71.153	1.005	14.765
12/8/2016 3:15:00 AM	18900.000	131.613	20.373
299.986	14052.903	15415.386	9.095
10482.464	71.160	1.005	14.765
12/8/2016 3:30:00 AM	19800.000	131.624	20.370
300.011	14052.927	15416.231	9.096
10483.038	71.160	1.005	14.761
12/8/2016 3:45:00 AM	20700.000	131.646	20.376
300.062	14062.154	15424.350	9.101
10488.558	71.113	1.005	14.757
12/8/2016 4:00:00 AM	21600.000	131.634	20.379
300.035	14061.303	15422.654	9.100
10487.406	71.117	1.005	14.767
12/8/2016 4:15:00 AM	22500.000	131.652	20.377
300.076	14060.219	15421.916	9.099
10486.904	71.123	1.005	14.760
12/8/2016 4:30:00 AM	23400.000	131.658	20.368
300.090	14056.384	15420.589	9.098
10486.001	71.142	1.005	14.760
12/8/2016 4:45:00 AM	24300.000	131.667	20.376
300.109	14058.435	15420.324	9.098
10485.820	71.132	1.005	14.763
12/8/2016 5:00:00 AM	25200.000	131.707	20.370
300.200	14060.051	15423.987	9.101
10488.312	71.123	1.005	14.762
12/8/2016 5:15:00 AM	26100.000	131.697	20.373
300.178	14064.160	15427.423	9.103
10490.648	71.103	1.005	14.757
12/8/2016 5:30:00 AM	27000.000	131.698	20.369
300.180	14060.388	15424.841	9.101
10488.893	71.122	1.005	14.769
12/8/2016 5:45:00 AM	27900.000	131.701	20.367
300.188	14059.067	15423.981	9.101
10488.308	71.128	1.005	14.770
12/8/2016 6:00:00 AM	28800.000	131.720	20.371
300.230	14064.729	15428.726	9.104
10491.533	71.100	1.005	14.770
12/8/2016 6:15:00 AM	29700.000	131.733	20.379
300.259	14068.347	15430.181	9.105
10492.524	71.082	1.005	14.766

12/8/2016 6:30:00 AM	30600.000	131.730	20.377
300.254	14065.251	15427.466	9.103
10490.677	71.097	1.005	14.779
12/8/2016 6:45:00 AM	31500.000	131.747	20.367
300.293	14060.609	15425.702	9.102
10489.479	71.121	1.005	14.770
12/8/2016 7:00:00 AM	32400.000	131.753	20.381
300.305	14068.430	15429.652	9.104
10492.165	71.081	1.005	14.778
12/8/2016 7:15:00 AM	33300.000	131.749	20.377
300.297	14067.708	15430.074	9.104
10492.451	71.085	1.005	14.782
12/8/2016 7:30:00 AM	34200.000	131.796	20.373
300.404	14064.607	15428.168	9.103
10491.154	71.100	1.005	14.773
12/8/2016 7:45:00 AM	35100.000	131.804	20.365
300.421	14063.720	15429.709	9.104
10492.203	71.105	1.005	14.779
12/8/2016 8:00:00 AM	36000.000	131.782	20.376
300.371	14065.308	15427.781	9.103
10490.893	71.097	1.005	14.783
12/8/2016 8:15:00 AM	36900.000	131.774	20.375
300.354	14066.891	15430.053	9.104
10492.437	71.089	1.005	14.782
12/8/2016 8:30:00 AM	37800.000	131.785	20.376
300.379	14064.630	15427.009	9.103
10490.367	71.100	1.005	14.787
12/8/2016 8:45:00 AM	38700.000	131.780	20.368
300.367	14067.210	15432.406	9.106
10494.037	71.087	1.005	14.793
12/8/2016 9:00:00 AM	39600.000	131.791	20.373
300.392	14062.085	15425.428	9.101
10489.291	71.113	1.005	14.795
12/8/2016 9:15:00 AM	40500.000	131.782	20.368
300.372	14061.104	15425.735	9.102
10489.500	71.118	1.005	14.797
12/8/2016 9:30:00 AM	41400.000	131.816	20.370
300.449	14062.086	15426.193	9.102
10489.812	71.113	1.005	14.798
12/8/2016 9:45:00 AM	42300.000	131.782	20.377
300.371	14058.520	15420.082	9.098
10485.656	71.131	1.005	14.809
12/8/2016 10:00:00 AM	43200.000	131.779	20.375
300.364	14058.955	15421.378	9.099
10486.538	71.129	1.005	14.814
12/8/2016 10:15:00 AM	44100.000	131.776	20.377
300.358	14058.195	15419.727	9.098
10485.414	71.133	1.005	14.809
12/8/2016 10:30:00 AM	45000.000	131.772	20.371
300.349	14063.113	15427.180	9.103
10490.483	71.108	1.005	14.803
12/8/2016 10:45:00 AM	45900.000	131.781	20.373
300.369	14062.774	15426.185	9.102
10489.807	71.110	1.005	14.808

12/8/2016 11:00:00 AM	46800.000	131.767	20.372
300.338	14057.547	15420.706	9.098
10486.080	71.136	1.005	14.812
12/8/2016 11:15:00 AM	47700.000	131.771	20.369
300.346	14055.936	15419.754	9.098
10485.434	71.144	1.005	14.803
12/8/2016 11:30:00 AM	48600.000	131.777	20.374
300.359	14056.260	15418.617	9.097
10484.661	71.143	1.005	14.796
12/8/2016 11:45:00 AM	49500.000	131.757	20.379
300.316	14060.292	15421.346	9.099
10486.516	71.122	1.005	14.799
12/8/2016 12:00:00 PM	50400.000	131.762	20.371
300.326	14055.260	15418.619	9.097
10484.662	71.148	1.005	14.792
12/8/2016 12:15:00 PM	51300.000	131.774	20.379
300.354	14048.188	15408.044	9.090
10477.471	71.184	1.005	14.790
12/8/2016 12:30:00 PM	52200.000	131.770	20.375
300.345	14052.481	15413.967	9.094
10481.498	71.162	1.005	14.791
12/8/2016 12:45:00 PM	53100.000	131.779	20.371
300.366	14049.804	15412.412	9.093
10480.441	71.175	1.005	14.798
12/8/2016 1:00:00 PM	54000.000	131.758	20.377
300.317	14053.604	15414.632	9.095
10481.951	71.156	1.005	14.792
12/8/2016 1:15:00 PM	54900.000	131.741	20.382
300.278	14051.679	15411.113	9.092
10479.558	71.166	1.005	14.796
12/8/2016 1:30:00 PM	55800.000	131.759	20.375
300.318	14048.813	15409.970	9.092
10478.780	71.180	1.005	14.796
12/8/2016 1:45:00 PM	56700.000	131.754	20.371
300.307	14049.617	15412.177	9.093
10480.281	71.176	1.005	14.796
12/8/2016 2:00:00 PM	57600.000	131.757	20.371
300.314	14053.547	15416.656	9.096
10483.327	71.156	1.005	14.796
12/8/2016 2:15:00 PM	58500.000	131.753	20.378
300.306	14054.469	15415.439	9.095
10482.499	71.152	1.005	14.797
12/8/2016 2:30:00 PM	59400.000	131.751	20.367
300.300	14054.021	15418.502	9.097
10484.582	71.154	1.005	14.799
12/8/2016 2:45:00 PM	60300.000	131.752	20.370
300.304	14049.403	15412.505	9.093
10480.504	71.177	1.005	14.804
12/8/2016 3:00:00 PM	61200.000	131.774	20.368
300.354	14042.355	15405.253	9.089
10475.572	71.213	1.005	14.795
12/8/2016 3:15:00 PM	62100.000	131.766	20.374
300.336	14047.169	15408.617	9.091
10477.859	71.189	1.005	14.805

12/8/2016 3:30:00 PM	63000.000	131.792	20.380
300.394	14050.786	15410.669	9.092
10479.256	71.170	1.005	14.798
12/8/2016 3:45:00 PM	63900.000	131.768	20.371
300.340	14052.243	15415.058	9.095
10482.239	71.163	1.005	14.798
12/8/2016 4:00:00 PM	64800.000	131.773	20.379
300.352	14051.502	15411.621	9.093
10479.903	71.167	1.005	14.806
12/8/2016 4:15:00 PM	65700.000	131.770	20.374
300.345	14050.099	15411.773	9.093
10480.006	71.174	1.005	14.804
12/8/2016 4:30:00 PM	66600.000	131.776	20.369
300.359	14046.767	15409.898	9.092
10478.732	71.191	1.005	14.805
12/8/2016 4:45:00 PM	67500.000	131.802	20.379
300.418	14042.663	15402.040	9.087
10473.388	71.212	1.005	14.795
12/8/2016 5:00:00 PM	68400.000	131.782	20.377
300.372	14043.433	15403.504	9.088
10474.384	71.208	1.005	14.811
12/8/2016 5:15:00 PM	69300.000	131.789	20.369
300.387	14039.825	15402.026	9.087
10473.378	71.226	1.005	14.805
12/8/2016 5:30:00 PM	70200.000	131.798	20.376
300.408	14041.111	15401.183	9.086
10472.805	71.219	1.005	14.797
12/8/2016 5:45:00 PM	71100.000	131.790	20.381
300.391	14044.274	15403.133	9.087
10474.132	71.203	1.005	14.808
12/8/2016 6:00:00 PM	72000.000	131.840	20.377
300.505	14039.416	15399.129	9.085
10471.409	71.228	1.005	14.808
12/8/2016 6:15:00 PM	72900.000	131.824	20.370
300.467	14036.049	15397.743	9.084
10470.467	71.245	1.005	14.807
12/8/2016 6:30:00 PM	73800.000	131.811	20.374
300.439	14042.368	15403.321	9.087
10474.260	71.213	1.005	14.815
12/8/2016 6:45:00 PM	74700.000	131.823	20.375
300.465	14035.676	15395.532	9.082
10468.963	71.247	1.005	14.811
12/8/2016 7:00:00 PM	75600.000	131.835	20.370
300.493	14037.328	15399.147	9.085
10471.420	71.239	1.005	14.812
12/8/2016 7:15:00 PM	76500.000	131.836	20.368
300.494	14035.403	15397.627	9.084
10470.388	71.248	1.005	14.810
12/8/2016 7:30:00 PM	77400.000	131.826	20.373
300.472	14037.120	15397.848	9.084
10470.536	71.240	1.005	14.815
12/8/2016 7:45:00 PM	78300.000	131.822	20.370
300.464	14035.735	15397.257	9.083
10470.136	71.247	1.005	14.818

12/8/2016 8:00:00 PM	79200.000	131.829	20.378
300.478	14035.802	15395.023	9.082
10468.616	71.246	1.005	14.818
12/8/2016 8:15:00 PM	80100.000	131.825	20.380
300.470	14040.020	15398.860	9.085
10471.226	71.225	1.005	14.827
12/8/2016 8:30:00 PM	81000.000	131.837	20.368
300.497	14038.622	15401.044	9.086
10472.711	71.232	1.005	14.826
12/8/2016 8:45:00 PM	81900.000	131.815	20.378
300.447	14042.228	15401.788	9.086
10473.216	71.214	1.005	14.826
12/8/2016 9:00:00 PM	82800.000	131.824	20.371
300.468	14036.540	15398.083	9.084
10470.696	71.243	1.005	14.829
12/8/2016 9:15:00 PM	83700.000	131.825	20.371
300.471	14033.357	15394.425	9.082
10468.209	71.259	1.005	14.828
12/8/2016 9:30:00 PM	84600.000	131.830	20.375
300.481	14040.140	15400.739	9.086
10472.504	71.224	1.005	14.825
12/8/2016 9:45:00 PM	85500.000	131.812	20.370
300.440	14035.806	15397.531	9.084
10470.321	71.246	1.005	14.838
12/8/2016 10:00:00 PM	86400.000	131.822	20.376
300.463	14036.959	15396.909	9.083
10469.899	71.241	1.005	14.830
12/8/2016 10:15:00 PM	87300.000	131.809	20.374
300.433	14038.009	15398.513	9.084
10470.989	71.235	1.005	14.838
12/8/2016 10:30:00 PM	88200.000	131.802	20.372
300.418	14030.998	15391.666	9.080
10466.333	71.271	1.005	14.840
12/8/2016 10:45:00 PM	89100.000	131.812	20.375
300.439	14031.451	15391.096	9.080
10465.946	71.268	1.005	14.835
12/8/2016 11:00:00 PM	90000.000	131.807	20.383
300.430	14037.786	15395.566	9.082
10468.985	71.236	1.005	14.836
12/8/2016 11:15:00 PM	90900.000	131.792	20.371
300.395	14030.309	15391.025	9.079
10465.897	71.274	1.005	14.841
12/8/2016 11:30:00 PM	91800.000	131.800	20.370
300.413	14029.056	15390.126	9.079
10465.286	71.281	1.005	14.837
12/8/2016 11:45:00 PM	92700.000	131.797	20.372
300.405	14034.067	15394.896	9.082
10468.529	71.255	1.005	14.836
12/9/2016 12:00:00 AM	93600.000	131.796	20.366
300.404	14030.756	15393.288	9.081
10467.436	71.272	1.005	14.835
12/9/2016 12:15:00 AM	94500.000	131.784	20.378
300.375	14031.240	15389.852	9.079
10465.101	71.270	1.005	14.840

12/9/2016 12:30:00 AM	95400.000	131.794	20.373
300.400	14026.854	15386.755	9.077
10462.993	71.292	1.005	14.831
12/9/2016 12:45:00 AM	96300.000	131.780	20.375
300.368	14025.134	15384.080	9.075
10461.175	71.301	1.005	14.836
12/9/2016 1:00:00 AM	97200.000	131.782	20.370
300.371	14027.557	15388.341	9.078
10464.073	71.288	1.005	14.838
12/9/2016 1:15:00 AM	98100.000	131.776	20.373
300.359	14028.580	15388.507	9.078
10464.185	71.283	1.005	14.839
12/9/2016 1:30:00 AM	99000.000	131.788	20.370
300.387	14032.387	15393.613	9.081
10467.658	71.264	1.005	14.839
12/9/2016 1:45:00 AM	99900.000	131.780	20.378
300.367	14024.441	15382.251	9.074
10459.932	71.304	1.005	14.842
12/9/2016 2:00:00 AM	100800.000	131.782	20.375
300.372	14025.680	15384.679	9.075
10461.582	71.298	1.005	14.843
12/9/2016 2:15:00 AM	101700.000	131.788	20.377
300.386	14027.315	15385.742	9.076
10462.305	71.289	1.005	14.839
12/9/2016 2:30:00 AM	102600.000	131.783	20.378
300.374	14026.130	15384.188	9.075
10461.248	71.296	1.005	14.837
12/9/2016 2:45:00 AM	103500.000	131.798	20.370
300.409	14026.129	15386.719	9.077
10462.969	71.296	1.005	14.837
12/9/2016 3:00:00 AM	104400.000	131.808	20.367
300.431	14024.098	15385.729	9.076
10462.297	71.306	1.005	14.833
12/9/2016 3:15:00 AM	105300.000	131.817	20.370
300.451	14024.416	15384.869	9.076
10461.712	71.304	1.005	14.828
12/9/2016 3:30:00 AM	106200.000	131.820	20.362
300.459	14027.319	15390.841	9.079
10465.771	71.289	1.005	14.834
12/9/2016 3:45:00 AM	107100.000	131.839	20.377
300.501	14024.998	15383.342	9.075
10460.673	71.301	1.005	14.832
12/9/2016 4:00:00 AM	108000.000	131.844	20.373
300.514	14029.591	15389.560	9.079
10464.901	71.278	1.005	14.830
12/9/2016 4:15:00 AM	108900.000	131.849	20.382
300.525	14024.820	15381.684	9.074
10459.545	71.302	1.005	14.836
12/9/2016 4:30:00 AM	109800.000	131.857	20.382
300.543	14028.526	15385.664	9.076
10462.253	71.283	1.005	14.832
12/9/2016 4:45:00 AM	110700.000	131.868	20.374
300.569	14026.271	15385.780	9.076
10462.332	71.295	1.005	14.837

12/9/2016 5:00:00 AM	111600.000	131.875	20.371
300.584	14021.192	15381.163	9.073
10459.192	71.321	1.005	14.832
12/9/2016 5:15:00 AM	112500.000	131.893	20.369
300.624	14019.874	15380.255	9.073
10458.573	71.327	1.005	14.833
12/9/2016 5:30:00 AM	113400.000	131.902	20.375
300.646	14027.853	15387.092	9.077
10463.224	71.287	1.005	14.834
12/9/2016 5:45:00 AM	114300.000	131.905	20.377
300.653	14030.524	15389.543	9.079
10464.891	71.273	1.005	14.840
12/9/2016 6:00:00 AM	115200.000	131.919	20.369
300.684	14021.206	15381.683	9.074
10459.544	71.321	1.005	14.841
12/9/2016 6:15:00 AM	116100.000	131.922	20.377
300.692	14029.904	15388.807	9.078
10464.389	71.276	1.005	14.844
12/9/2016 6:30:00 AM	117000.000	131.926	20.375
300.700	14023.066	15381.812	9.074
10459.632	71.311	1.005	14.848
12/9/2016 6:45:00 AM	117900.000	131.950	20.377
300.755	14029.576	15388.276	9.078
10464.028	71.278	1.005	14.845
12/9/2016 7:00:00 AM	118800.000	131.993	20.371
300.852	14024.244	15384.540	9.075
10461.487	71.305	1.005	14.840
12/9/2016 7:15:00 AM	119700.000	131.998	20.370
300.865	14017.431	15377.373	9.071
10456.614	71.340	1.005	14.838
12/9/2016 7:30:00 AM	120600.000	131.974	20.370
300.809	14022.984	15383.412	9.075
10460.721	71.311	1.005	14.843
12/9/2016 7:45:00 AM	121500.000	131.968	20.373
300.796	14024.409	15383.875	9.075
10461.036	71.304	1.005	14.850
12/9/2016 8:00:00 AM	122400.000	131.979	20.377
300.821	14024.587	15383.030	9.074
10460.462	71.303	1.005	14.853
12/9/2016 8:15:00 AM	123300.000	131.981	20.380
300.826	14023.716	15380.951	9.073
10459.047	71.308	1.005	14.860
12/9/2016 8:30:00 AM	124200.000	131.999	20.384
300.865	14025.646	15381.772	9.074
10459.606	71.298	1.005	14.850
12/9/2016 8:45:00 AM	125100.000	132.000	20.372
300.869	14025.959	15385.856	9.076
10462.383	71.296	1.005	14.852
12/9/2016 9:00:00 AM	126000.000	132.000	20.379
300.870	14020.636	15377.907	9.071
10456.977	71.323	1.005	14.859
12/9/2016 9:15:00 AM	126900.000	131.997	20.374
300.863	14023.455	15382.662	9.074
10460.211	71.309	1.005	14.860

12/9/2016 9:30:00 AM	127800.000	131.999	20.379
300.867	14025.711	15383.563	9.075
10460.823	71.298	1.005	14.862
12/9/2016 9:45:00 AM	128700.000	132.005	20.371
300.881	14018.025	15377.465	9.071
10456.677	71.337	1.005	14.861
12/9/2016 10:00:00 AM	129600.000	131.996	20.377
300.860	14017.382	15374.987	9.069
10454.991	71.340	1.005	14.861
12/9/2016 10:15:00 AM	130500.000	131.993	20.379
300.854	14018.928	15376.122	9.070
10455.763	71.332	1.005	14.865
12/9/2016 10:30:00 AM	131400.000	131.981	20.383
300.826	14025.404	15381.788	9.074
10459.616	71.299	1.005	14.866
12/9/2016 10:45:00 AM	132300.000	131.979	20.375
300.820	14016.813	15375.151	9.069
10455.104	71.343	1.005	14.871
12/9/2016 11:00:00 AM	133200.000	131.980	20.380
300.824	14019.493	15376.261	9.070
10455.858	71.329	1.005	14.868
12/9/2016 11:15:00 AM	134100.000	131.981	20.379
300.826	14020.536	15377.887	9.071
10456.964	71.324	1.005	14.862
12/9/2016 11:30:00 AM	135000.000	131.974	20.373
300.810	14012.676	15371.258	9.067
10452.455	71.364	1.005	14.865
12/9/2016 11:45:00 AM	135900.000	131.964	20.380
300.786	14010.764	15366.773	9.064
10449.406	71.374	1.005	14.853
12/9/2016 12:00:00 PM	136800.000	131.964	20.382
300.786	14012.229	15367.681	9.065
10450.023	71.366	1.005	14.845
12/9/2016 12:15:00 PM	137700.000	131.963	20.368
300.784	14013.614	15373.862	9.068
10454.228	71.359	1.005	14.843
12/9/2016 12:30:00 PM	138600.000	131.958	20.374
300.774	14011.249	15369.356	9.066
10451.162	71.371	1.005	14.837
12/9/2016 12:45:00 PM	139500.000	131.952	20.369
300.759	14006.466	15365.598	9.063
10448.606	71.396	1.005	14.830
12/9/2016 1:00:00 PM	140400.000	131.954	20.375
300.764	14010.519	15368.022	9.065
10450.256	71.375	1.005	14.832
12/9/2016 1:15:00 PM	141300.000	131.958	20.362
300.773	13997.405	15357.934	9.058
10443.395	71.442	1.005	14.826
12/9/2016 1:30:00 PM	142200.000	131.952	20.362
300.759	14001.798	15362.694	9.061
10446.633	71.419	1.005	14.822
12/9/2016 1:45:00 PM	143100.000	131.919	20.375
300.683	13994.982	15351.007	9.054
10438.686	71.454	1.005	14.836

12/9/2016 2:00:00 PM	144000.000	131.936	20.371
300.722	14002.510	15360.531	9.060
10445.162	71.416	1.005	14.826
12/9/2016 2:15:00 PM	144900.000	131.934	20.376
300.719	14004.369	15361.078	9.060
10445.534	71.406	1.005	14.826
12/9/2016 2:30:00 PM	145800.000	131.926	20.377
300.699	13998.087	15353.824	9.056
10440.602	71.438	1.005	14.817
12/9/2016 2:45:00 PM	146700.000	131.916	20.381
300.678	13999.774	15354.410	9.056
10441.000	71.430	1.005	14.823
12/9/2016 3:00:00 PM	147600.000	131.920	20.381
300.686	13992.737	15346.636	9.051
10435.714	71.466	1.005	14.825
12/9/2016 3:15:00 PM	148500.000	131.924	20.375
300.696	13995.300	15351.385	9.054
10438.942	71.453	1.005	14.823
12/9/2016 3:30:00 PM	149400.000	131.918	20.370
300.682	13986.461	15343.259	9.049
10433.416	71.498	1.005	14.822
12/9/2016 3:45:00 PM	150300.000	131.925	20.368
300.699	13993.644	15351.926	9.054
10439.311	71.461	1.005	14.827
12/9/2016 4:00:00 PM	151200.000	131.926	20.380
300.699	13992.796	15347.039	9.051
10435.986	71.465	1.005	14.822
12/9/2016 4:15:00 PM	152100.000	131.937	20.362
300.725	13991.960	15351.959	9.054
10439.333	71.470	1.005	14.816
12/9/2016 4:30:00 PM	153000.000	131.939	20.375
300.730	13986.046	15341.317	9.048
10432.097	71.500	1.005	14.817
12/9/2016 4:45:00 PM	153900.000	131.960	20.369
300.777	13981.794	15338.674	9.046
10430.299	71.522	1.005	14.819
12/9/2016 5:00:00 PM	154800.000	131.935	20.375
300.720	13986.382	15341.687	9.048
10432.348	71.498	1.005	14.814
12/9/2016 5:15:00 PM	155700.000	131.939	20.365
300.729	13978.955	15336.712	9.045
10428.965	71.536	1.005	14.815
12/9/2016 5:30:00 PM	156600.000	131.935	20.371
300.721	13983.288	15339.358	9.046
10430.765	71.514	1.005	14.822
12/9/2016 5:45:00 PM	157500.000	131.977	20.364
300.817	13971.052	15328.374	9.039
10423.295	71.577	1.005	14.815
12/9/2016 6:00:00 PM	158400.000	131.953	20.367
300.762	13980.955	15338.092	9.046
10429.903	71.526	1.005	14.815
12/9/2016 6:15:00 PM	159300.000	131.954	20.372
300.764	13982.108	15337.837	9.046
10429.730	71.520	1.005	14.818

12/9/2016 6:30:00 PM	160200.000	131.958	20.372
300.772	13978.590	15334.093	9.043
10427.185	71.538	1.005	14.820
12/9/2016 6:45:00 PM	161100.000	131.961	20.377
300.781	13976.452	15330.204	9.041
10424.540	71.549	1.005	14.819
12/9/2016 7:00:00 PM	162000.000	131.974	20.369
300.809	13976.565	15332.910	9.042
10426.379	71.548	1.005	14.825
12/9/2016 7:15:00 PM	162900.000	131.981	20.373
300.826	13975.974	15330.941	9.041
10425.040	71.551	1.005	14.818
12/9/2016 7:30:00 PM	163800.000	131.980	20.367
300.823	13969.673	15325.822	9.038
10421.561	71.584	1.005	14.824
12/9/2016 7:45:00 PM	164700.000	131.985	20.364
300.833	13971.446	15328.668	9.040
10423.494	71.575	1.005	14.826
12/9/2016 8:00:00 PM	165600.000	131.999	20.376
300.866	13965.652	15318.526	9.033
10416.599	71.604	1.005	14.811
12/9/2016 8:15:00 PM	166500.000	132.033	20.380
300.943	13979.183	15332.136	9.042
10425.853	71.535	1.005	14.811
12/9/2016 8:30:00 PM	167400.000	132.000	20.378
300.868	13971.613	15324.561	9.037
10420.702	71.574	1.005	14.811
12/9/2016 8:45:00 PM	168300.000	131.992	20.372
300.850	13965.596	15319.696	9.034
10417.394	71.605	1.005	14.825
12/9/2016 9:00:00 PM	169200.000	131.997	20.378
300.863	13973.358	15326.223	9.038
10421.831	71.565	1.005	14.820
12/9/2016 9:15:00 PM	170100.000	132.000	20.363
300.868	13971.474	15328.977	9.040
10423.704	71.574	1.005	14.822
12/9/2016 9:30:00 PM	171000.000	131.999	20.373
300.867	13970.010	15324.174	9.037
10420.438	71.582	1.005	14.822
12/9/2016 9:45:00 PM	171900.000	132.009	20.377
300.888	13966.382	15319.131	9.034
10417.010	71.601	1.005	14.821
12/9/2016 10:00:00 PM	172800.000	131.999	20.381
300.866	13969.307	15320.884	9.035
10418.201	71.586	1.005	14.818
12/9/2016 10:15:00 PM	173700.000	132.006	20.370
300.882	13965.819	15320.559	9.034
10417.980	71.603	1.005	14.822
12/9/2016 10:30:00 PM	174600.000	132.000	20.375
300.870	13967.253	15320.591	9.035
10418.002	71.596	1.005	14.819
12/9/2016 10:45:00 PM	175500.000	132.005	20.378
300.879	13971.108	15323.980	9.037
10420.308	71.576	1.005	14.818

12/9/2016 11:00:00 PM	176400.000	131.991	20.372
300.849	13961.095	15314.928	9.031
10414.152	71.628	1.005	14.822
12/9/2016 11:15:00 PM	177300.000	131.992	20.368
300.851	13965.314	15320.681	9.035
10418.063	71.606	1.005	14.822
12/9/2016 11:30:00 PM	178200.000	131.988	20.372
300.841	13964.581	15318.809	9.033
10416.791	71.610	1.005	14.817
12/9/2016 11:45:00 PM	179100.000	132.002	20.366
300.874	13953.589	15308.515	9.027
10409.791	71.666	1.005	14.812
12/10/2016 12:00:00 AM	180000.000	131.994	20.369
300.856	13958.814	15313.296	9.030
10413.041	71.639	1.005	14.806
12/10/2016 12:15:00 AM	180900.000	131.997	20.371
300.861	13951.450	15304.686	9.024
10407.188	71.677	1.005	14.815
12/10/2016 12:30:00 AM	181800.000	131.986	20.377
300.838	13955.186	15306.794	9.026
10408.621	71.658	1.005	14.810
12/10/2016 12:45:00 AM	182700.000	132.013	20.373
300.899	13953.584	15306.185	9.025
10408.207	71.666	1.005	14.812
12/10/2016 1:00:00 AM	183600.000	131.984	20.371
300.833	13957.324	15310.933	9.028
10411.436	71.647	1.005	14.812
12/10/2016 1:15:00 AM	184500.000	131.978	20.371
300.819	13952.200	15305.563	9.025
10407.782	71.673	1.005	14.822
12/10/2016 1:30:00 AM	185400.000	131.972	20.370
300.805	13952.264	15305.718	9.025
10407.890	71.673	1.005	14.818
12/10/2016 1:45:00 AM	186300.000	131.983	20.371
300.830	13950.880	15303.974	9.024
10406.703	71.680	1.005	14.812
12/10/2016 2:00:00 AM	187200.000	131.984	20.365
300.832	13953.382	15308.510	9.027
10409.787	71.667	1.005	14.810
12/10/2016 2:15:00 AM	188100.000	131.981	20.376
300.826	13948.469	15299.846	9.021
10403.896	71.692	1.005	14.811
12/10/2016 2:30:00 AM	189000.000	132.000	20.374
300.870	13949.257	15301.271	9.022
10404.864	71.688	1.005	14.806
12/10/2016 2:45:00 AM	189900.000	131.980	20.376
300.822	13953.497	15305.140	9.025
10407.495	71.667	1.005	14.813
12/10/2016 3:00:00 AM	190800.000	131.996	20.371
300.860	13952.091	15305.192	9.025
10407.531	71.674	1.005	14.807
12/10/2016 3:15:00 AM	191700.000	132.006	20.375
300.882	13950.822	15302.598	9.023
10405.768	71.680	1.005	14.806

12/10/2016 3:30:00 AM	192600.000	132.004	20.367
300.878	13940.315	15293.535	9.017
10399.604	71.734	1.005	14.810
12/10/2016 3:45:00 AM	193500.000	132.014	20.375
300.901	13945.425	15296.816	9.019
10401.835	71.708	1.005	14.811
12/10/2016 4:00:00 AM	194400.000	132.013	20.375
300.899	13940.427	15291.305	9.016
10398.088	71.734	1.005	14.809
12/10/2016 4:15:00 AM	195300.000	132.025	20.371
300.926	13943.201	15295.524	9.018
10400.957	71.720	1.005	14.803
12/10/2016 4:30:00 AM	196200.000	132.043	20.380
300.966	13950.768	15300.913	9.022
10404.621	71.681	1.005	14.800
12/10/2016 4:45:00 AM	197100.000	132.051	20.371
300.985	13943.710	15296.056	9.019
10401.318	71.717	1.005	14.809
12/10/2016 5:00:00 AM	198000.000	132.055	20.380
300.995	13945.427	15295.086	9.018
10400.658	71.708	1.005	14.812
12/10/2016 5:15:00 AM	198900.000	132.100	20.383
301.097	13948.433	15297.318	9.020
10402.177	71.693	1.005	14.807
12/10/2016 5:30:00 AM	199800.000	132.078	20.378
301.046	13941.962	15291.898	9.016
10398.492	71.726	1.005	14.809
12/10/2016 5:45:00 AM	200700.000	132.092	20.367
301.079	13938.336	15291.416	9.016
10398.164	71.745	1.005	14.803
12/10/2016 6:00:00 AM	201600.000	132.106	20.367
301.110	13936.955	15290.014	9.015
10397.209	71.752	1.005	14.807
12/10/2016 6:15:00 AM	202500.000	132.117	20.368
301.135	13941.006	15294.179	9.018
10400.043	71.731	1.005	14.804
12/10/2016 6:30:00 AM	203400.000	132.121	20.367
301.144	13936.848	15289.840	9.015
10397.091	71.752	1.005	14.807
12/10/2016 6:45:00 AM	204300.000	132.133	20.379
301.173	13938.254	15287.468	9.013
10395.479	71.745	1.005	14.803
12/10/2016 7:00:00 AM	205200.000	132.135	20.377
301.176	13935.944	15285.605	9.012
10394.213	71.757	1.005	14.810
12/10/2016 7:15:00 AM	206100.000	132.147	20.377
301.205	13939.601	15289.533	9.015
10396.883	71.738	1.005	14.801
12/10/2016 7:30:00 AM	207000.000	132.159	20.374
301.231	13935.858	15286.631	9.013
10394.910	71.757	1.005	14.805
12/10/2016 7:45:00 AM	207900.000	132.178	20.371
301.275	13933.415	15284.955	9.012
10393.771	71.770	1.005	14.802

12/10/2016 8:00:00 AM	208800.000	132.176	20.376
301.269	13935.558	15285.463	9.012
10394.115	71.759	1.005	14.808
12/10/2016 8:15:00 AM	209700.000	132.181	20.372
301.281	13935.631	15286.968	9.013
10395.139	71.758	1.005	14.816
12/10/2016 8:30:00 AM	210600.000	132.213	20.384
301.354	13936.083	15283.689	9.011
10392.910	71.756	1.005	14.814
12/10/2016 8:45:00 AM	211500.000	132.202	20.383
301.329	13936.279	15284.213	9.011
10393.265	71.755	1.005	14.807
12/10/2016 9:00:00 AM	212400.000	132.205	20.376
301.337	13937.408	15287.492	9.013
10395.495	71.749	1.005	14.809
12/10/2016 9:15:00 AM	213300.000	132.210	20.378
301.348	13932.456	15281.611	9.010
10391.497	71.775	1.005	14.808
12/10/2016 9:30:00 AM	214200.000	132.203	20.373
301.331	13927.565	15277.700	9.007
10388.837	71.800	1.005	14.814
12/10/2016 9:45:00 AM	215100.000	132.206	20.373
301.338	13931.637	15282.333	9.010
10391.987	71.779	1.005	14.812
12/10/2016 10:00:00 AM	216000.000	132.209	20.383
301.346	13924.931	15271.515	9.003
10384.630	71.814	1.005	14.814
12/10/2016 10:15:00 AM	216900.000	132.208	20.382
301.342	13928.889	15276.471	9.006
10388.000	71.793	1.005	14.816
12/10/2016 10:30:00 AM	217800.000	132.207	20.379
301.340	13927.233	15275.463	9.006
10387.314	71.802	1.005	14.814
12/10/2016 10:45:00 AM	218700.000	132.195	20.381
301.313	13930.207	15278.195	9.008
10389.174	71.786	1.005	14.814
12/10/2016 11:00:00 AM	219600.000	132.210	20.382
301.348	13928.941	15276.336	9.006
10387.909	71.793	1.005	14.811
12/10/2016 11:15:00 AM	220500.000	132.186	20.382
301.292	13928.852	15276.149	9.006
10387.782	71.793	1.005	14.798
12/10/2016 11:30:00 AM	221400.000	132.193	20.382
301.309	13918.010	15264.539	8.999
10379.888	71.849	1.005	14.800
12/10/2016 11:45:00 AM	222300.000	132.207	20.383
301.341	13918.878	15264.905	8.999
10380.137	71.845	1.005	14.792
12/10/2016 12:00:00 PM	223200.000	132.201	20.389
301.327	13924.522	15269.311	9.002
10383.131	71.816	1.005	14.791
12/10/2016 12:15:00 PM	224100.000	132.164	20.391
301.244	13925.120	15269.236	9.002
10383.081	71.813	1.005	14.788

12/10/2016 12:30:00 PM	225000.000	132.165	20.389
301.246	13918.936	15263.042	8.998
10378.870	71.845	1.005	14.783
12/10/2016 12:45:00 PM	225900.000	132.157	20.392
301.227	13924.474	15268.417	9.001
10382.523	71.816	1.005	14.779
12/10/2016 1:00:00 PM	226800.000	132.140	20.390
301.187	13926.577	15271.199	9.003
10384.417	71.805	1.005	14.778
12/10/2016 1:15:00 PM	227700.000	132.134	20.395
301.175	13925.371	15268.311	9.001
10382.452	71.811	1.005	14.775
12/10/2016 1:30:00 PM	228600.000	132.151	20.402
301.212	13920.619	15260.787	8.997
10377.336	71.836	1.005	14.778
12/10/2016 1:45:00 PM	229500.000	132.154	20.398
301.219	13920.645	15262.237	8.997
10378.321	71.836	1.005	14.773
12/10/2016 2:00:00 PM	230400.000	132.112	20.401
301.125	13922.045	15262.824	8.998
10378.722	71.829	1.005	14.766
12/10/2016 2:15:00 PM	231300.000	132.139	20.397
301.185	13920.769	15262.706	8.998
10378.642	71.835	1.005	14.764
12/10/2016 2:30:00 PM	232200.000	132.103	20.399
301.103	13919.966	15260.989	8.997
10377.473	71.839	1.005	14.765
12/10/2016 2:45:00 PM	233100.000	132.126	20.405
301.156	13922.362	15261.749	8.997
10377.990	71.827	1.005	14.764
12/10/2016 3:00:00 PM	234000.000	132.079	20.413
301.048	13923.563	15260.470	8.996
10377.120	71.821	1.005	14.766
12/10/2016 3:15:00 PM	234900.000	132.109	20.414
301.118	13929.462	15266.603	9.000
10381.290	71.790	1.005	14.768
12/10/2016 3:30:00 PM	235800.000	132.109	20.418
301.118	13926.862	15262.555	8.998
10378.537	71.804	1.005	14.768
12/10/2016 3:45:00 PM	236700.000	132.095	20.421
301.085	13926.078	15260.915	8.997
10377.422	71.808	1.005	14.765
12/10/2016 4:00:00 PM	237600.000	132.090	20.423
301.075	13922.929	15256.569	8.994
10374.467	71.824	1.005	14.772
12/10/2016 4:15:00 PM	238500.000	132.098	20.423
301.092	13930.713	15265.072	8.999
10380.250	71.784	1.005	14.765
12/10/2016 4:30:00 PM	239400.000	132.097	20.419
301.091	13922.470	15257.380	8.995
10375.020	71.826	1.005	14.763
12/10/2016 4:45:00 PM	240300.000	132.102	20.404
301.102	13922.588	15262.413	8.998
10378.441	71.826	1.005	14.761

12/10/2016 5:00:00 PM	241200.000	132.080	20.390
301.051	13909.068	15252.166	8.991
10371.474	71.896	1.005	14.772
12/10/2016 5:15:00 PM	242100.000	132.079	20.387
301.050	13895.440	15237.919	8.982
10361.786	71.966	1.005	14.759
12/10/2016 5:30:00 PM	243000.000	132.067	20.385
301.021	13889.007	15231.560	8.978
10357.461	71.999	1.005	14.769
12/10/2016 5:45:00 PM	243900.000	132.075	20.380
301.040	13881.900	15225.521	8.974
10353.355	72.036	1.005	14.764
12/10/2016 6:00:00 PM	244800.000	132.096	20.324
301.088	13853.570	15212.058	8.965
10344.200	72.184	1.005	14.766
12/10/2016 6:15:00 PM	245700.000	132.102	20.311
301.100	13819.016	15178.365	8.943
10321.288	72.364	1.005	14.778
12/10/2016 6:30:00 PM	246600.000	132.114	20.315
301.128	13812.646	15169.979	8.938
10315.586	72.397	1.005	14.767
12/10/2016 6:45:00 PM	247500.000	132.116	20.323
301.132	13810.453	15165.130	8.935
10312.288	72.409	1.005	14.763
12/10/2016 7:00:00 PM	248400.000	132.132	20.328
301.170	13810.143	15163.176	8.934
10310.961	72.411	1.005	14.772
12/10/2016 7:15:00 PM	249300.000	132.126	20.328
301.156	13808.734	15161.685	8.933
10309.946	72.418	1.005	14.768
12/10/2016 7:30:00 PM	250200.000	132.129	20.333
301.163	13814.522	15166.570	8.936
10313.268	72.388	1.005	14.773
12/10/2016 7:45:00 PM	251100.000	132.139	20.340
301.186	13810.081	15159.475	8.931
10308.443	72.411	1.005	14.779
12/10/2016 8:00:00 PM	252000.000	132.130	20.338
301.165	13818.336	15168.896	8.937
10314.849	72.368	1.005	14.782
12/10/2016 8:15:00 PM	252900.000	132.144	20.337
301.196	13817.770	15168.746	8.937
10314.748	72.371	1.005	14.783
12/10/2016 8:30:00 PM	253800.000	132.146	20.344
301.201	13810.592	15158.760	8.931
10307.958	72.408	1.005	14.779
12/10/2016 8:45:00 PM	254700.000	132.153	20.345
301.216	13814.280	15162.447	8.933
10310.464	72.389	1.005	14.779
12/10/2016 9:00:00 PM	255600.000	132.148	20.352
301.206	13821.860	15168.574	8.937
10314.632	72.349	1.005	14.779
12/10/2016 9:15:00 PM	256500.000	132.159	20.345
301.230	13816.811	15165.197	8.935
10312.334	72.376	1.005	14.782

12/10/2016 9:30:00 PM	257400.000	132.160	20.354
301.233	13822.996	15169.211	8.938
10315.064	72.343	1.005	14.785
12/10/2016 9:45:00 PM	258300.000	132.163	20.348
301.240	13814.988	15162.058	8.933
10310.200	72.385	1.005	14.780
12/10/2016 10:00:00 PM	259200.000	132.159	20.357
301.230	13821.929	15166.984	8.936
10313.550	72.349	1.005	14.789
12/10/2016 10:15:00 PM	260100.000	132.166	20.358
301.248	13820.275	15164.864	8.935
10312.108	72.357	1.005	14.782
12/10/2016 10:30:00 PM	261000.000	132.165	20.355
301.245	13813.708	15158.435	8.931
10307.735	72.392	1.005	14.789
12/10/2016 10:45:00 PM	261900.000	132.158	20.360
301.230	13817.249	15160.986	8.933
10309.471	72.373	1.005	14.799
12/10/2016 11:00:00 PM	262800.000	132.167	20.351
301.250	13817.985	15164.568	8.935
10311.907	72.369	1.005	14.797
12/10/2016 11:15:00 PM	263700.000	132.174	20.360
301.264	13820.142	15163.913	8.934
10311.462	72.358	1.005	14.798
12/10/2016 11:30:00 PM	264600.000	132.173	20.358
301.263	13814.673	15158.574	8.931
10307.832	72.387	1.005	14.799
12/10/2016 11:45:00 PM	265500.000	132.174	20.362
301.264	13820.178	15163.455	8.934
10311.149	72.358	1.005	14.796
12/11/2016 12:00:00 AM	266400.000	132.167	20.362
301.250	13816.789	15159.737	8.932
10308.621	72.376	1.005	14.801
12/11/2016 12:15:00 AM	267300.000	132.163	20.361
301.239	13819.373	15162.792	8.934
10310.698	72.362	1.005	14.799
12/11/2016 12:30:00 AM	268200.000	132.158	20.353
301.228	13811.617	15156.889	8.930
10306.686	72.403	1.005	14.797
12/11/2016 12:45:00 AM	269100.000	132.167	20.360
301.249	13818.043	15161.610	8.933
10309.896	72.369	1.005	14.796
12/11/2016 1:00:00 AM	270000.000	132.159	20.361
301.231	13814.359	15157.486	8.930
10307.092	72.388	1.005	14.798
12/11/2016 1:15:00 AM	270900.000	132.158	20.363
301.229	13816.816	15159.404	8.932
10308.396	72.376	1.005	14.806
12/11/2016 1:30:00 AM	271800.000	132.151	20.370
301.213	13819.932	15160.633	8.932
10309.230	72.359	1.005	14.802
12/11/2016 1:45:00 AM	272700.000	132.155	20.366
301.222	13812.248	15153.423	8.928
10304.329	72.400	1.005	14.799

12/11/2016 2:00:00 AM	273600.000	132.159	20.365
301.231	13814.127	15155.758	8.929
10305.916	72.390	1.005	14.803
12/11/2016 2:15:00 AM	274500.000	132.143	20.365
301.195	13817.330	15159.272	8.932
10308.306	72.373	1.005	14.804
12/11/2016 2:30:00 AM	275400.000	132.149	20.373
301.208	13818.616	15158.328	8.931
10307.664	72.366	1.005	14.811
12/11/2016 2:45:00 AM	276300.000	132.148	20.360
301.207	13806.742	15149.293	8.925
10301.521	72.428	1.005	14.804
12/11/2016 3:00:00 AM	277200.000	132.154	20.363
301.221	13803.930	15145.181	8.923
10298.724	72.443	1.005	14.805
12/11/2016 3:15:00 AM	278100.000	132.159	20.373
301.230	13805.685	15144.030	8.922
10297.941	72.434	1.005	14.805
12/11/2016 3:30:00 AM	279000.000	132.166	20.366
301.247	13808.434	15149.318	8.925
10301.536	72.420	1.005	14.799
12/11/2016 3:45:00 AM	279900.000	132.165	20.367
301.245	13803.404	15143.526	8.921
10297.598	72.446	1.005	14.807
12/11/2016 4:00:00 AM	280800.000	132.163	20.362
301.240	13801.234	15142.610	8.921
10296.977	72.457	1.005	14.804
12/11/2016 4:15:00 AM	281700.000	132.169	20.364
301.254	13807.585	15148.971	8.925
10301.300	72.424	1.005	14.803
12/11/2016 4:30:00 AM	282600.000	132.178	20.376
301.274	13811.841	15149.953	8.926
10301.969	72.402	1.005	14.800
12/11/2016 4:45:00 AM	283500.000	132.176	20.377
301.271	13807.706	15145.004	8.922
10298.604	72.423	1.005	14.798
12/11/2016 5:00:00 AM	284400.000	132.193	20.363
301.309	13806.958	15148.753	8.925
10301.153	72.427	1.005	14.802
12/11/2016 5:15:00 AM	285300.000	132.207	20.376
301.340	13810.435	15148.385	8.925
10300.901	72.409	1.005	14.803
12/11/2016 5:30:00 AM	286200.000	132.203	20.370
301.332	13804.674	15143.896	8.922
10297.849	72.439	1.005	14.810
12/11/2016 5:45:00 AM	287100.000	132.224	20.382
301.379	13809.398	15145.279	8.923
10298.791	72.414	1.005	14.803
12/11/2016 6:00:00 AM	288000.000	132.239	20.367
301.414	13807.128	15147.471	8.924
10300.280	72.426	1.005	14.809
12/11/2016 6:15:00 AM	288900.000	132.242	20.373
301.419	13807.384	15145.924	8.923
10299.229	72.425	1.005	14.810

12/11/2016 6:30:00 AM	289800.000	132.247	20.372
301.432	13804.229	15142.660	8.921
10297.010	72.442	1.005	14.811
12/11/2016 6:45:00 AM	290700.000	132.266	20.377
301.475	13807.070	15144.359	8.922
10298.164	72.427	1.005	14.817
12/11/2016 7:00:00 AM	291600.000	132.280	20.372
301.506	13802.277	15140.766	8.920
10295.721	72.452	1.005	14.812
12/11/2016 7:15:00 AM	292500.000	132.280	20.365
301.508	13802.285	15142.854	8.921
10297.141	72.452	1.005	14.814
12/11/2016 7:30:00 AM	293400.000	132.293	20.373
301.537	13801.438	15139.261	8.919
10294.698	72.456	1.005	14.815
12/11/2016 7:45:00 AM	294300.000	132.312	20.362
301.580	13798.288	15139.269	8.919
10294.703	72.473	1.005	14.817
12/11/2016 8:00:00 AM	295200.000	132.318	20.368
301.593	13799.207	15138.506	8.918
10294.185	72.468	1.005	14.810
12/11/2016 8:15:00 AM	296100.000	132.335	20.375
301.633	13796.176	15132.855	8.915
10290.343	72.484	1.005	14.816
12/11/2016 8:30:00 AM	297000.000	132.342	20.368
301.648	13796.845	15136.052	8.917
10292.516	72.480	1.005	14.816
12/11/2016 8:45:00 AM	297900.000	132.355	20.376
301.679	13797.022	15133.699	8.915
10290.916	72.479	1.005	14.814
12/11/2016 9:00:00 AM	298800.000	132.346	20.373
301.657	13792.735	15129.744	8.913
10288.228	72.502	1.005	14.820
12/11/2016 9:15:00 AM	299700.000	132.363	20.373
301.695	13796.786	15134.132	8.916
10291.210	72.481	1.005	14.820
12/11/2016 9:30:00 AM	300600.000	132.367	20.377
301.706	13799.661	15136.042	8.917
10292.509	72.466	1.005	14.826
12/11/2016 9:45:00 AM	301500.000	132.368	20.374
301.707	13795.421	15132.471	8.914
10290.081	72.488	1.005	14.824
12/11/2016 10:00:00 AM	302400.000	132.360	20.372
301.688	13793.212	15130.625	8.913
10288.826	72.499	1.005	14.822
12/11/2016 10:15:00 AM	303300.000	132.373	20.377
301.720	13787.417	15122.639	8.908
10283.395	72.530	1.005	14.820
12/11/2016 10:30:00 AM	304200.000	132.365	20.384
301.700	13796.130	15130.149	8.913
10288.503	72.484	1.005	14.818
12/11/2016 10:45:00 AM	305100.000	132.395	20.373
301.768	13784.948	15121.423	8.907
10282.568	72.543	1.005	14.821

12/11/2016 11:00:00 AM	306000.000	132.362	20.377
301.694	13790.850	15126.403	8.911
10285.954	72.512	1.005	14.818
12/11/2016 11:15:00 AM	306900.000	132.363	20.369
301.695	13785.642	15123.181	8.909
10283.763	72.539	1.005	14.819
12/11/2016 11:30:00 AM	307800.000	132.356	20.378
301.680	13783.762	15118.410	8.906
10280.520	72.549	1.005	14.812
12/11/2016 11:45:00 AM	308700.000	132.350	20.388
301.666	13789.614	15121.704	8.908
10282.760	72.518	1.005	14.816
12/11/2016 12:00:00 PM	309600.000	132.339	20.374
301.641	13790.122	15126.546	8.911
10286.053	72.516	1.005	14.816
12/11/2016 12:15:00 PM	310500.000	132.333	20.388
301.627	13786.433	15118.048	8.905
10280.272	72.535	1.005	14.806
12/11/2016 12:30:00 PM	311400.000	132.355	20.390
301.677	13792.799	15124.531	8.910
10284.683	72.502	1.005	14.806
12/11/2016 12:45:00 PM	312300.000	132.306	20.386
301.566	13788.009	15120.604	8.907
10282.011	72.527	1.005	14.805
12/11/2016 1:00:00 PM	313200.000	132.308	20.386
301.570	13789.304	15122.024	8.908
10282.978	72.520	1.005	14.799
12/11/2016 1:15:00 PM	314100.000	132.294	20.393
301.538	13789.592	15120.159	8.907
10281.709	72.518	1.005	14.798
12/11/2016 1:30:00 PM	315000.000	132.278	20.398
301.501	13796.123	15125.689	8.910
10285.469	72.484	1.005	14.800
12/11/2016 1:45:00 PM	315900.000	132.260	20.400
301.461	13797.842	15126.880	8.911
10286.278	72.475	1.005	14.803
12/11/2016 2:00:00 PM	316800.000	132.266	20.400
301.475	13797.618	15126.772	8.911
10286.205	72.476	1.005	14.799
12/11/2016 2:15:00 PM	317700.000	132.242	20.397
301.421	13791.628	15120.952	8.907
10282.248	72.508	1.005	14.803
12/11/2016 2:30:00 PM	318600.000	132.216	20.400
301.362	13788.042	15116.247	8.904
10279.048	72.527	1.005	14.807
12/11/2016 2:45:00 PM	319500.000	132.221	20.402
301.373	13789.839	15117.474	8.905
10279.883	72.517	1.005	14.802
12/11/2016 3:00:00 PM	320400.000	132.197	20.397
301.317	13787.728	15116.731	8.905
10279.379	72.528	1.005	14.809
12/11/2016 3:15:00 PM	321300.000	132.235	20.410
301.405	13793.533	15118.952	8.906
10280.889	72.498	1.005	14.803

12/11/2016 3:30:00 PM	322200.000	132.190	20.412
301.301	13793.772	15118.689	8.906
10280.709	72.496	1.005	14.804
12/11/2016 3:45:00 PM	323100.000	132.176	20.409
301.269	13793.492	15119.157	8.906
10281.027	72.498	1.005	14.805
12/11/2016 4:00:00 PM	324000.000	132.210	20.406
301.346	13789.846	15116.346	8.904
10279.115	72.517	1.005	14.802
12/11/2016 4:15:00 PM	324900.000	132.202	20.404
301.329	13794.365	15121.880	8.908
10282.880	72.493	1.005	14.801
12/11/2016 4:30:00 PM	325800.000	132.162	20.408
301.239	13789.667	15115.513	8.904
10278.549	72.518	1.005	14.799
12/11/2016 4:45:00 PM	326700.000	132.185	20.408
301.291	13788.836	15114.438	8.903
10277.818	72.522	1.005	14.800
12/11/2016 5:00:00 PM	327600.000	132.154	20.414
301.220	13790.643	15114.542	8.903
10277.890	72.513	1.005	14.797
12/11/2016 5:15:00 PM	328500.000	132.181	20.423
301.281	13799.210	15121.085	8.908
10282.338	72.468	1.005	14.791
12/11/2016 5:30:00 PM	329400.000	132.168	20.399
301.252	13790.730	15119.277	8.906
10281.108	72.512	1.005	14.794
12/11/2016 5:45:00 PM	330300.000	132.155	20.372
301.222	13753.102	15086.739	8.885
10258.982	72.711	1.005	14.794
12/11/2016 6:00:00 PM	331200.000	132.163	20.368
301.241	13742.323	15076.212	8.879
10251.824	72.768	1.005	14.797
12/11/2016 6:15:00 PM	332100.000	132.157	20.363
301.225	13736.428	15071.093	8.875
10248.344	72.799	1.005	14.800
12/11/2016 6:30:00 PM	333000.000	132.168	20.362
301.251	13730.526	15065.142	8.871
10244.297	72.830	1.005	14.800
12/11/2016 6:45:00 PM	333900.000	132.171	20.347
301.260	13727.287	15066.357	8.872
10245.124	72.848	1.005	14.794
12/11/2016 7:00:00 PM	334800.000	132.187	20.333
301.296	13718.274	15060.902	8.869
10241.415	72.895	1.005	14.791
12/11/2016 7:15:00 PM	335700.000	132.192	20.337
301.305	13709.974	15050.272	8.862
10234.187	72.940	1.005	14.793
12/11/2016 7:30:00 PM	336600.000	132.186	20.343
301.293	13709.034	15047.479	8.860
10232.285	72.945	1.005	14.799
12/11/2016 7:45:00 PM	337500.000	132.191	20.341
301.304	13708.301	15047.283	8.860
10232.153	72.949	1.005	14.795

12/11/2016 8:00:00 PM	338400.000	132.215	20.348
301.359	13706.637	15043.167	8.857
10229.354	72.957	1.005	14.792
12/11/2016 8:15:00 PM	339300.000	132.213	20.343
301.354	13702.642	15040.599	8.856
10227.607	72.979	1.005	14.797
12/11/2016 8:30:00 PM	340200.000	132.216	20.349
301.360	13705.205	15041.517	8.856
10228.232	72.965	1.005	14.798
12/11/2016 8:45:00 PM	341100.000	132.215	20.349
301.358	13704.805	15041.048	8.856
10227.914	72.967	1.005	14.798
12/11/2016 9:00:00 PM	342000.000	132.233	20.352
301.400	13705.404	15040.771	8.856
10227.725	72.964	1.005	14.790
12/11/2016 9:15:00 PM	342900.000	132.241	20.349
301.418	13706.120	15042.410	8.857
10228.839	72.960	1.005	14.793
12/11/2016 9:30:00 PM	343800.000	132.237	20.358
301.410	13703.149	15036.260	8.853
10224.658	72.976	1.005	14.795
12/11/2016 9:45:00 PM	344700.000	132.253	20.356
301.446	13710.187	15044.696	8.858
10230.395	72.938	1.005	14.789
12/11/2016 10:00:00 PM	345600.000	132.256	20.357
301.452	13708.979	15043.015	8.857
10229.251	72.945	1.005	14.794
12/11/2016 10:15:00 PM	346500.000	132.260	20.357
301.461	13702.051	15035.494	8.853
10224.137	72.982	1.005	14.792
12/11/2016 10:30:00 PM	347400.000	132.273	20.356
301.492	13704.603	15038.626	8.855
10226.266	72.968	1.005	14.791
12/11/2016 10:45:00 PM	348300.000	132.258	20.365
301.457	13705.861	15037.119	8.854
10225.241	72.961	1.005	14.799
12/11/2016 11:00:00 PM	349200.000	132.270	20.364
301.484	13710.740	15042.772	8.857
10229.086	72.936	1.005	14.795
12/11/2016 11:15:00 PM	350100.000	132.280	20.356
301.506	13704.682	15038.492	8.854
10226.176	72.968	1.005	14.794
12/11/2016 11:30:00 PM	351000.000	132.275	20.353
301.496	13703.861	15038.638	8.854
10226.273	72.972	1.005	14.797
12/11/2016 11:45:00 PM	351900.000	132.283	20.355
301.513	13705.706	15040.164	8.855
10227.313	72.962	1.005	14.796
12/12/2016 12:00:00 AM	352800.000	132.281	20.362
301.508	13708.990	15041.322	8.856
10228.100	72.945	1.005	14.791
12/12/2016 12:15:00 AM	353700.000	132.268	20.358
301.480	13703.703	15036.925	8.853
10225.110	72.973	1.005	14.799

12/12/2016 12:30:00 AM	354600.000	132.282	20.365
301.512	13707.547	15039.076	8.855
10226.573	72.953	1.005	14.790
12/12/2016 12:45:00 AM	355500.000	132.272	20.362
301.488	13705.697	15037.872	8.854
10225.754	72.962	1.005	14.795
12/12/2016 1:00:00 AM	356400.000	132.275	20.361
301.495	13705.319	15037.845	8.854
10225.734	72.964	1.005	14.798
12/12/2016 1:15:00 AM	357300.000	132.272	20.366
301.488	13709.769	15041.156	8.856
10227.987	72.941	1.005	14.797
12/12/2016 1:30:00 AM	358200.000	132.280	20.362
301.506	13705.983	15038.128	8.854
10225.928	72.961	1.005	14.794
12/12/2016 1:45:00 AM	359100.000	132.270	20.374
301.483	13705.682	15034.004	8.852
10223.124	72.962	1.005	14.794
12/12/2016 2:00:00 AM	360000.000	132.279	20.355
301.504	13708.208	15042.801	8.857
10229.105	72.949	1.005	14.790
12/12/2016 2:15:00 AM	360900.000	132.277	20.359
301.501	13707.366	15040.558	8.856
10227.579	72.953	1.005	14.789
12/12/2016 2:30:00 AM	361800.000	132.268	20.361
301.479	13707.547	15040.151	8.856
10227.304	72.953	1.005	14.797
12/12/2016 2:45:00 AM	362700.000	132.262	20.372
301.466	13710.155	15039.710	8.855
10227.003	72.939	1.005	14.795
12/12/2016 3:00:00 AM	363600.000	132.269	20.355
301.481	13706.775	15041.284	8.856
10228.074	72.957	1.005	14.795
12/12/2016 3:15:00 AM	364500.000	132.276	20.357
301.499	13701.229	15034.430	8.852
10223.412	72.986	1.005	14.787
12/12/2016 3:30:00 AM	365400.000	132.265	20.370
301.473	13708.044	15037.808	8.854
10225.710	72.950	1.005	14.793
12/12/2016 3:45:00 AM	366300.000	132.281	20.367
301.509	13704.132	15034.503	8.852
10223.462	72.971	1.005	14.789
12/12/2016 4:00:00 AM	367200.000	132.283	20.369
301.514	13704.601	15034.553	8.852
10223.496	72.968	1.005	14.787
12/12/2016 4:15:00 AM	368100.000	132.286	20.371
301.522	13709.192	15038.901	8.855
10226.454	72.944	1.005	14.787
12/12/2016 4:30:00 AM	369000.000	132.288	20.367
301.525	13700.643	15030.569	8.849
10220.788	72.989	1.005	14.790
12/12/2016 4:45:00 AM	369900.000	132.285	20.356
301.519	13696.689	15029.943	8.849
10220.361	73.010	1.005	14.798

12/12/2016 5:00:00 AM	370800.000	132.294	20.364
301.539	13700.232	15031.299	8.850
10221.284	72.991	1.005	14.788
12/12/2016 5:15:00 AM	371700.000	132.293	20.367
301.537	13704.366	15034.655	8.852
10223.566	72.969	1.005	14.787
12/12/2016 5:30:00 AM	372600.000	132.309	20.360
301.573	13698.581	15030.698	8.849
10220.876	73.000	1.005	14.786
12/12/2016 5:45:00 AM	373500.000	132.320	20.365
301.597	13705.194	15036.360	8.853
10224.726	72.965	1.005	14.794
12/12/2016 6:00:00 AM	374400.000	132.320	20.374
301.599	13702.150	15030.297	8.849
10220.602	72.981	1.005	14.794
12/12/2016 6:15:00 AM	375300.000	132.339	20.361
301.641	13700.941	15033.042	8.851
10222.470	72.988	1.005	14.794
12/12/2016 6:30:00 AM	376200.000	132.359	20.355
301.687	13699.532	15033.145	8.851
10222.539	72.995	1.005	14.792
12/12/2016 6:45:00 AM	377100.000	132.355	20.357
301.679	13690.617	15022.758	8.844
10215.476	73.043	1.005	14.796
12/12/2016 7:00:00 AM	378000.000	132.363	20.372
301.697	13700.138	15028.639	8.848
10219.475	72.992	1.005	14.797
12/12/2016 7:15:00 AM	378900.000	132.390	20.361
301.758	13691.305	15022.273	8.844
10215.147	73.039	1.005	14.790
12/12/2016 7:30:00 AM	379800.000	132.391	20.369
301.760	13698.525	15027.862	8.848
10218.946	73.001	1.005	14.796
12/12/2016 7:45:00 AM	380700.000	132.405	20.378
301.792	13696.615	15022.990	8.845
10215.635	73.011	1.005	14.788
12/12/2016 8:00:00 AM	381600.000	132.425	20.367
301.838	13701.044	15031.089	8.850
10221.141	72.987	1.005	14.794
12/12/2016 8:15:00 AM	382500.000	132.421	20.369
301.827	13697.689	15026.748	8.847
10218.189	73.005	1.005	14.802
12/12/2016 8:30:00 AM	383400.000	132.446	20.372
301.886	13700.238	15028.555	8.848
10219.418	72.991	1.005	14.801
12/12/2016 8:45:00 AM	384300.000	132.450	20.372
301.895	13699.643	15028.069	8.848
10219.088	72.995	1.005	14.805
12/12/2016 9:00:00 AM	385200.000	132.453	20.383
301.902	13703.186	15028.603	8.848
10219.451	72.976	1.005	14.808
12/12/2016 9:15:00 AM	386100.000	132.495	20.378
301.997	13698.285	15024.712	8.846
10216.806	73.002	1.005	14.809

12/12/2016 9:30:00 AM	387000.000	132.507	20.377
302.025	13692.817	15019.070	8.842
10212.968	73.031	1.005	14.811
12/12/2016 9:45:00 AM	387900.000	132.486	20.369
301.977	13691.852	15020.404	8.843
10213.876	73.036	1.005	14.808
12/12/2016 10:00:00 AM	388800.000	132.483	20.363
301.970	13692.044	15022.671	8.844
10215.417	73.035	1.005	14.816
12/12/2016 10:15:00 AM	389700.000	132.491	20.368
301.988	13692.450	15021.388	8.844
10214.544	73.033	1.005	14.810
12/12/2016 10:30:00 AM	390600.000	132.490	20.378
301.986	13694.175	15020.229	8.843
10213.757	73.024	1.005	14.812
12/12/2016 10:45:00 AM	391500.000	132.494	20.374
301.994	13691.339	15018.384	8.842
10212.502	73.039	1.005	14.812
12/12/2016 11:00:00 AM	392400.000	132.496	20.369
302.000	13684.788	15012.568	8.838
10208.548	73.074	1.005	14.811
12/12/2016 11:15:00 AM	393300.000	132.482	20.377
301.967	13689.902	15015.928	8.840
10210.832	73.047	1.005	14.809
12/12/2016 11:30:00 AM	394200.000	132.498	20.364
302.005	13686.568	15016.116	8.840
10210.959	73.064	1.005	14.799
12/12/2016 11:45:00 AM	395100.000	132.490	20.373
301.984	13691.855	15019.057	8.842
10212.959	73.036	1.005	14.798
12/12/2016 12:00:00 PM	396000.000	132.484	20.387
301.971	13688.682	15011.213	8.837
10207.625	73.053	1.005	14.794
12/12/2016 12:15:00 PM	396900.000	132.493	20.380
301.991	13693.993	15019.480	8.842
10213.247	73.025	1.005	14.779
12/12/2016 12:30:00 PM	397800.000	132.474	20.370
301.950	13692.410	15020.875	8.843
10214.196	73.033	1.005	14.785
12/12/2016 12:45:00 PM	398700.000	132.468	20.370
301.936	13682.045	15009.423	8.836
10206.407	73.088	1.005	14.783
12/12/2016 1:00:00 PM	399600.000	132.462	20.371
301.921	13680.535	15007.493	8.835
10205.097	73.097	1.005	14.777
12/12/2016 1:15:00 PM	400500.000	132.449	20.383
301.891	13692.688	15016.949	8.841
10211.526	73.032	1.005	14.784
12/12/2016 1:30:00 PM	401400.000	132.440	20.391
301.871	13689.715	15011.303	8.837
10207.687	73.048	1.005	14.774
12/12/2016 1:45:00 PM	402300.000	132.419	20.389
301.824	13694.667	15017.361	8.841
10211.807	73.021	1.005	14.788

12/12/2016 2:00:00 PM	403200.000	132.406	20.395
301.795	13694.366	15014.894	8.840
10210.129	73.023	1.005	14.783
12/12/2016 2:15:00 PM	404100.000	132.389	20.389
301.755	13688.257	15010.169	8.837
10206.916	73.055	1.005	14.777
12/12/2016 2:30:00 PM	405000.000	132.373	20.392
301.720	13687.505	15008.358	8.835
10205.684	73.059	1.005	14.781
12/12/2016 2:45:00 PM	405900.000	132.372	20.385
301.717	13685.050	15007.998	8.835
10205.438	73.072	1.005	14.776
12/12/2016 3:00:00 PM	406800.000	132.356	20.387
301.680	13685.187	15007.517	8.835
10205.111	73.072	1.005	14.779
12/12/2016 3:15:00 PM	407700.000	132.344	20.382
301.653	13687.716	15011.744	8.838
10207.987	73.058	1.005	14.775
12/12/2016 3:30:00 PM	408600.000	132.334	20.384
301.629	13684.811	15008.093	8.835
10205.504	73.074	1.005	14.778
12/12/2016 3:45:00 PM	409500.000	132.318	20.387
301.593	13688.667	15011.415	8.837
10207.763	73.053	1.005	14.780
12/12/2016 4:00:00 PM	410400.000	132.304	20.388
301.561	13687.952	15010.082	8.837
10206.855	73.057	1.005	14.776
12/12/2016 4:15:00 PM	411300.000	132.284	20.392
301.517	13693.236	15014.723	8.840
10210.013	73.029	1.005	14.772
12/12/2016 4:30:00 PM	412200.000	132.283	20.395
301.513	13685.225	15004.841	8.833
10203.293	73.072	1.005	14.773
12/12/2016 4:45:00 PM	413100.000	132.310	20.398
301.576	13691.041	15010.286	8.837
10206.996	73.040	1.005	14.767
12/12/2016 5:00:00 PM	414000.000	132.304	20.401
301.562	13685.629	15003.420	8.832
10202.326	73.069	1.005	14.766
12/12/2016 5:15:00 PM	414900.000	132.264	20.404
301.470	13691.376	15008.925	8.836
10206.070	73.039	1.005	14.772
12/12/2016 5:30:00 PM	415800.000	132.241	20.409
301.418	13692.744	15008.835	8.836
10206.008	73.031	1.005	14.777
12/12/2016 5:45:00 PM	416700.000	132.280	20.411
301.507	13690.378	15005.526	8.834
10203.758	73.044	1.005	14.773
12/12/2016 6:00:00 PM	417600.000	132.266	20.415
301.475	13691.826	15005.824	8.834
10203.961	73.036	1.005	14.779
12/12/2016 6:15:00 PM	418500.000	132.261	20.417
301.464	13691.064	15004.554	8.833
10203.098	73.040	1.005	14.780

12/12/2016 6:30:00 PM	419400.000	132.269	20.410
301.482	13689.606	15005.064	8.834
10203.444	73.048	1.005	14.775
12/12/2016 6:45:00 PM	420300.000	132.270	20.407
301.484	13683.882	14999.806	8.830
10199.868	73.079	1.005	14.772
12/12/2016 7:00:00 PM	421200.000	132.246	20.389
301.429	13677.979	14998.789	8.829
10199.177	73.110	1.005	14.772
12/12/2016 7:15:00 PM	422100.000	132.240	20.389
301.416	13671.943	14992.390	8.825
10194.826	73.142	1.005	14.779
12/12/2016 7:30:00 PM	423000.000	132.249	20.368
301.437	13669.735	14996.468	8.828
10197.600	73.154	1.005	14.779
12/12/2016 7:45:00 PM	423900.000	132.264	20.317
301.471	13613.868	14951.121	8.798
10166.764	73.455	1.005	14.775
12/12/2016 8:00:00 PM	424800.000	132.275	20.312
301.496	13595.835	14932.849	8.787
10154.337	73.552	1.005	14.778
12/12/2016 8:15:00 PM	425700.000	132.253	20.319
301.445	13586.743	14920.622	8.779
10146.023	73.601	1.005	14.776
12/12/2016 8:30:00 PM	426600.000	132.291	20.324
301.531	13587.708	14920.259	8.779
10145.776	73.596	1.005	14.771
12/12/2016 8:45:00 PM	427500.000	132.272	20.329
301.489	13591.694	14923.053	8.781
10147.677	73.574	1.005	14.771
12/12/2016 9:00:00 PM	428400.000	132.299	20.329
301.550	13594.896	14926.458	8.783
10149.992	73.557	1.005	14.779
12/12/2016 9:15:00 PM	429300.000	132.304	20.332
301.562	13596.095	14927.118	8.783
10150.441	73.551	1.005	14.780
12/12/2016 9:30:00 PM	430200.000	132.288	20.340
301.526	13592.135	14920.041	8.779
10145.628	73.572	1.005	14.775
12/12/2016 9:45:00 PM	431100.000	132.334	20.338
301.631	13590.854	14919.344	8.778
10145.155	73.579	1.005	14.780
12/12/2016 10:00:00 PM	432000.000	132.328	20.340
301.617	13596.495	14924.745	8.782
10148.827	73.548	1.005	14.781
12/12/2016 10:15:00 PM	432900.000	132.326	20.345
301.611	13596.936	14923.836	8.781
10148.210	73.546	1.005	14.786
12/12/2016 10:30:00 PM	433800.000	132.341	20.342
301.646	13598.023	14925.930	8.783
10149.633	73.540	1.005	14.775
12/12/2016 10:45:00 PM	434700.000	132.342	20.345
301.648	13595.533	14922.133	8.780
10147.051	73.554	1.005	14.780

12/12/2016 11:00:00 PM	435600.000	132.348	20.350
301.661	13594.679	14919.639	8.779
10145.355	73.558	1.005	14.782
12/12/2016 11:15:00 PM	436500.000	132.355	20.350
301.677	13593.589	14918.606	8.778
10144.652	73.564	1.005	14.786
12/12/2016 11:30:00 PM	437400.000	132.375	20.353
301.723	13602.720	14927.780	8.784
10150.892	73.515	1.005	14.772
12/12/2016 11:45:00 PM	438300.000	132.372	20.349
301.716	13600.796	14926.708	8.783
10150.162	73.525	1.005	14.778
12/13/2016 12:00:00 AM	439200.000	132.331	20.348
301.623	13604.120	14930.629	8.786
10152.828	73.507	1.005	14.786
12/13/2016 12:15:00 AM	440100.000	132.377	20.355
301.729	13601.549	14925.865	8.783
10149.590	73.521	1.005	14.777
12/13/2016 12:30:00 AM	441000.000	132.375	20.353
301.724	13606.728	14931.934	8.787
10153.715	73.493	1.005	14.784
12/13/2016 12:45:00 AM	441900.000	132.372	20.363
301.716	13606.273	14928.293	8.784
10151.239	73.496	1.005	14.780
12/13/2016 1:00:00 AM	442800.000	132.382	20.358
301.739	13610.866	14935.025	8.789
10155.818	73.471	1.005	14.777
12/13/2016 1:15:00 AM	443700.000	132.382	20.354
301.740	13609.676	14935.087	8.789
10155.860	73.477	1.005	14.779
12/13/2016 1:30:00 AM	444600.000	132.378	20.366
301.731	13600.886	14921.563	8.780
10146.664	73.525	1.005	14.782
12/13/2016 1:45:00 AM	445500.000	132.384	20.356
301.743	13608.702	14933.333	8.787
10154.668	73.482	1.005	14.786
12/13/2016 2:00:00 AM	446400.000	132.374	20.363
301.720	13609.808	14932.442	8.787
10154.062	73.476	1.005	14.789
12/13/2016 2:15:00 AM	447300.000	132.378	20.359
301.731	13608.675	14932.293	8.787
10153.959	73.483	1.005	14.784
12/13/2016 2:30:00 AM	448200.000	132.375	20.365
301.724	13613.813	14936.237	8.789
10156.642	73.455	1.005	14.786
12/13/2016 2:45:00 AM	449100.000	132.410	20.372
301.803	13612.259	14932.076	8.787
10153.813	73.463	1.005	14.787
12/13/2016 3:00:00 AM	450000.000	132.362	20.366
301.695	13614.157	14936.040	8.789
10156.509	73.453	1.005	14.790
12/13/2016 3:15:00 AM	450900.000	132.383	20.360
301.742	13612.044	14935.854	8.789
10156.382	73.464	1.005	14.786

12/13/2016 3:30:00 AM	451800.000	132.378	20.361
301.730	13612.337	14935.765	8.789
10156.320	73.463	1.005	14.783
12/13/2016 3:45:00 AM	452700.000	132.386	20.351
301.749	13610.496	14936.807	8.790
10157.029	73.473	1.005	14.780
12/13/2016 4:00:00 AM	453600.000	132.371	20.368
301.713	13614.665	14935.969	8.789
10156.460	73.450	1.005	14.780
12/13/2016 4:15:00 AM	454500.000	132.383	20.372
301.742	13609.808	14929.550	8.785
10152.094	73.476	1.005	14.780
12/13/2016 4:30:00 AM	455400.000	132.387	20.362
301.752	13610.523	14933.285	8.787
10154.635	73.473	1.005	14.774
12/13/2016 4:45:00 AM	456300.000	132.383	20.349
301.741	13604.765	14931.118	8.786
10153.161	73.504	1.005	14.777
12/13/2016 5:00:00 AM	457200.000	132.392	20.362
301.762	13613.362	14936.479	8.789
10156.806	73.457	1.005	14.775
12/13/2016 5:15:00 AM	458100.000	132.400	20.367
301.781	13614.341	14936.188	8.789
10156.608	73.452	1.005	14.776
12/13/2016 5:30:00 AM	459000.000	132.395	20.374
301.768	13614.759	14934.382	8.788
10155.380	73.450	1.005	14.776
12/13/2016 5:45:00 AM	459900.000	132.444	20.358
301.880	13608.151	14931.909	8.787
10153.699	73.485	1.005	14.773
12/13/2016 6:00:00 AM	460800.000	132.403	20.373
301.788	13612.686	14932.377	8.787
10154.018	73.461	1.005	14.779
12/13/2016 6:15:00 AM	461700.000	132.416	20.369
301.817	13611.412	14932.047	8.787
10153.792	73.468	1.005	14.777
12/13/2016 6:30:00 AM	462600.000	132.425	20.375
301.838	13618.092	14937.546	8.790
10157.531	73.432	1.005	14.784
12/13/2016 6:45:00 AM	463500.000	132.448	20.363
301.890	13611.481	14934.279	8.788
10155.310	73.467	1.005	14.781
12/13/2016 7:00:00 AM	464400.000	132.447	20.358
301.888	13601.905	14925.082	8.782
10149.057	73.519	1.005	14.785
12/13/2016 7:15:00 AM	465300.000	132.465	20.355
301.927	13607.973	14932.862	8.787
10154.348	73.486	1.005	14.786
12/13/2016 7:30:00 AM	466200.000	132.469	20.364
301.938	13609.970	14932.050	8.787
10153.794	73.476	1.005	14.782
12/13/2016 7:45:00 AM	467100.000	132.472	20.372
301.945	13608.344	14927.970	8.784
10151.021	73.484	1.005	14.790

12/13/2016 8:00:00 AM	468000.000	132.493	20.377
301.993	13607.218	14925.043	8.782
10149.029	73.490	1.005	14.791
12/13/2016 8:15:00 AM	468900.000	132.496	20.375
302.000	13608.917	14927.590	8.784
10150.762	73.481	1.005	14.794
12/13/2016 8:30:00 AM	469800.000	132.513	20.370
302.039	13606.580	14926.526	8.783
10150.039	73.494	1.005	14.795
12/13/2016 8:45:00 AM	470700.000	132.522	20.368
302.059	13609.131	14929.955	8.785
10152.369	73.480	1.005	14.812
12/13/2016 9:00:00 AM	471600.000	132.531	20.369
302.078	13611.319	14932.165	8.787
10153.872	73.468	1.005	14.798
12/13/2016 9:15:00 AM	472500.000	132.538	20.365
302.095	13606.802	14928.464	8.784
10151.355	73.493	1.005	14.809
12/13/2016 9:30:00 AM	473400.000	132.553	20.372
302.130	13602.753	14921.837	8.780
10146.850	73.515	1.005	14.810
12/13/2016 9:45:00 AM	474300.000	132.572	20.368
302.171	13603.704	14924.138	8.782
10148.415	73.509	1.005	14.804
12/13/2016 10:00:00 AM	475200.000	132.576	20.369
302.182	13601.263	14921.161	8.780
10146.390	73.523	1.005	14.811
12/13/2016 10:15:00 AM	476100.000	132.587	20.357
302.207	13597.797	14921.014	8.780
10146.290	73.541	1.005	14.811
12/13/2016 10:30:00 AM	477000.000	132.587	20.355
302.206	13599.605	14923.489	8.781
10147.973	73.532	1.005	14.807
12/13/2016 10:45:00 AM	477900.000	132.586	20.361
302.204	13602.070	14924.421	8.782
10148.607	73.518	1.005	14.813
12/13/2016 11:00:00 AM	478800.000	132.583	20.372
302.197	13599.060	14917.647	8.778
10144.000	73.535	1.005	14.810
12/13/2016 11:15:00 AM	479700.000	132.604	20.370
302.244	13599.112	14918.444	8.778
10144.543	73.534	1.005	14.803
12/13/2016 11:30:00 AM	480600.000	132.598	20.376
302.231	13600.729	14918.279	8.778
10144.430	73.525	1.005	14.803
12/13/2016 11:45:00 AM	481500.000	132.602	20.381
302.240	13604.191	14920.469	8.779
10145.920	73.507	1.005	14.796
12/13/2016 12:00:00 PM	482400.000	132.599	20.378
302.234	13605.854	14923.221	8.781
10147.791	73.498	1.005	14.797
12/13/2016 12:15:00 PM	483300.000	132.606	20.377
302.249	13597.715	14914.700	8.776
10141.996	73.542	1.005	14.790

12/13/2016 12:30:00 PM	484200.000	132.591	20.384
302.217	13603.656	14918.846	8.778
10144.815	73.510	1.005	14.783
12/13/2016 12:45:00 PM	485100.000	132.594	20.370
302.222	13594.956	14913.938	8.775
10141.478	73.557	1.005	14.782
12/13/2016 1:00:00 PM	486000.000	132.576	20.374
302.181	13599.159	14917.076	8.777
10143.613	73.534	1.005	14.779
12/13/2016 1:15:00 PM	486900.000	132.578	20.377
302.187	13601.469	14918.900	8.778
10144.853	73.521	1.005	14.778
12/13/2016 1:30:00 PM	487800.000	132.558	20.372
302.141	13594.501	14912.840	8.774
10140.731	73.559	1.005	14.780
12/13/2016 1:45:00 PM	488700.000	132.556	20.370
302.135	13597.751	14916.978	8.777
10143.545	73.542	1.005	14.770
12/13/2016 2:00:00 PM	489600.000	132.580	20.382
302.192	13594.693	14909.669	8.773
10138.575	73.558	1.005	14.766
12/13/2016 2:15:00 PM	490500.000	132.535	20.386
302.088	13599.291	14913.485	8.775
10141.171	73.533	1.005	14.780
12/13/2016 2:30:00 PM	491400.000	132.540	20.381
302.100	13597.565	14913.176	8.775
10140.961	73.543	1.005	14.778
12/13/2016 2:45:00 PM	492300.000	132.493	20.395
301.993	13597.834	14909.081	8.772
10138.175	73.541	1.005	14.777
12/13/2016 3:00:00 PM	493200.000	132.490	20.379
301.986	13595.933	14912.150	8.774
10140.264	73.551	1.005	14.776
12/13/2016 3:15:00 PM	494100.000	132.473	20.377
301.948	13597.372	14914.299	8.775
10141.725	73.544	1.005	14.770
12/13/2016 3:30:00 PM	495000.000	132.454	20.388
301.904	13602.369	14916.345	8.777
10143.115	73.517	1.005	14.769
12/13/2016 3:45:00 PM	495900.000	132.439	20.383
301.868	13595.761	14910.594	8.773
10139.205	73.552	1.005	14.773
12/13/2016 4:00:00 PM	496800.000	132.464	20.386
301.927	13600.333	14914.816	8.776
10142.075	73.528	1.005	14.771
12/13/2016 4:15:00 PM	497700.000	132.413	20.390
301.810	13597.102	14909.803	8.773
10138.666	73.545	1.005	14.771
12/13/2016 4:30:00 PM	498600.000	132.399	20.397
301.777	13604.072	14915.292	8.776
10142.398	73.507	1.005	14.769
12/13/2016 4:45:00 PM	499500.000	132.418	20.393
301.823	13601.627	14913.974	8.775
10141.502	73.521	1.005	14.767

12/13/2016 5:00:00 PM	500400.000	132.371	20.395
301.714	13599.097	14910.600	8.773
10139.209	73.534	1.005	14.766
12/13/2016 5:15:00 PM	501300.000	132.350	20.404
301.665	13604.771	14914.124	8.776
10141.605	73.504	1.005	14.767
12/13/2016 5:30:00 PM	502200.000	132.348	20.407
301.663	13603.366	14911.440	8.774
10139.780	73.511	1.005	14.761
12/13/2016 5:45:00 PM	503100.000	132.363	20.410
301.697	13606.044	14913.365	8.775
10141.090	73.497	1.005	14.774
12/13/2016 6:00:00 PM	504000.000	132.323	20.408
301.604	13598.654	14906.080	8.770
10136.135	73.537	1.005	14.771
12/13/2016 6:15:00 PM	504900.000	132.342	20.413
301.648	13610.310	14917.138	8.778
10143.654	73.474	1.005	14.772
12/13/2016 6:30:00 PM	505800.000	132.337	20.411
301.637	13605.853	14912.881	8.775
10140.760	73.498	1.005	14.775
12/13/2016 6:45:00 PM	506700.000	132.344	20.413
301.654	13603.586	14909.881	8.773
10138.720	73.510	1.005	14.774
12/13/2016 7:00:00 PM	507600.000	132.336	20.413
301.634	13599.753	14905.813	8.770
10135.954	73.531	1.005	14.774
12/13/2016 7:15:00 PM	508500.000	132.339	20.395
301.642	13597.062	14908.451	8.772
10137.748	73.545	1.005	14.775
12/13/2016 7:30:00 PM	509400.000	132.307	20.397
301.569	13594.744	14905.200	8.770
10135.536	73.558	1.005	14.768
12/13/2016 7:45:00 PM	510300.000	132.303	20.387
301.559	13585.474	14898.250	8.765
10130.811	73.608	1.005	14.773
12/13/2016 8:00:00 PM	511200.000	132.331	20.400
301.623	13586.038	14894.568	8.763
10128.308	73.605	1.005	14.777
12/13/2016 8:15:00 PM	512100.000	132.333	20.409
301.629	13585.065	14890.699	8.761
10125.676	73.610	1.005	14.777
12/13/2016 8:30:00 PM	513000.000	132.304	20.357
301.561	13567.853	14888.155	8.759
10123.946	73.704	1.005	14.777
12/13/2016 8:45:00 PM	513900.000	132.342	20.326
301.647	13519.761	14844.969	8.731
10094.580	73.966	1.005	14.776
12/13/2016 9:00:00 PM	514800.000	132.311	20.321
301.578	13501.515	14826.480	8.719
10082.008	74.066	1.005	14.781
12/13/2016 9:15:00 PM	515700.000	132.346	20.322
301.658	13499.649	14824.219	8.718
10080.469	74.076	1.005	14.776

12/13/2016 9:30:00 PM	516600.000	132.345	20.327
301.654	13498.712	14821.477	8.716
10078.604	74.081	1.005	14.777
12/13/2016 9:45:00 PM	517500.000	132.354	20.328
301.675	13502.579	14825.452	8.719
10081.309	74.060	1.005	14.779
12/13/2016 10:00:00 PM	518400.000	132.358	20.335
301.684	13506.012	14827.051	8.720
10082.395	74.041	1.005	14.780
12/13/2016 10:15:00 PM	519300.000	132.374	20.333
301.722	13503.069	14824.522	8.718
10080.676	74.057	1.005	14.793
12/13/2016 10:30:00 PM	520200.000	132.391	20.338
301.760	13504.291	14824.157	8.718
10080.427	74.051	1.005	14.786
12/13/2016 10:45:00 PM	521100.000	132.377	20.337
301.727	13508.523	14829.210	8.721
10083.864	74.027	1.005	14.793
12/13/2016 11:00:00 PM	522000.000	132.395	20.339
301.770	13505.859	14825.662	8.719
10081.450	74.042	1.005	14.785
12/13/2016 11:15:00 PM	522900.000	132.409	20.350
301.801	13505.387	14821.777	8.716
10078.809	74.045	1.005	14.777
12/13/2016 11:30:00 PM	523800.000	132.404	20.344
301.791	13510.480	14829.107	8.721
10083.794	74.017	1.005	14.785
12/13/2016 11:45:00 PM	524700.000	132.420	20.342
301.826	13508.364	14827.596	8.720
10082.767	74.028	1.005	14.778
12/14/2016 12:00:00 AM	525600.000	132.414	20.351
301.812	13508.380	14824.819	8.718
10080.877	74.028	1.005	14.787
12/14/2016 12:15:00 AM	526500.000	132.428	20.350
301.844	13518.959	14836.620	8.726
10088.901	73.970	1.005	14.782
12/14/2016 12:30:00 AM	527400.000	132.443	20.345
301.880	13511.982	14830.512	8.722
10084.748	74.008	1.005	14.784
12/14/2016 12:45:00 AM	528300.000	132.429	20.352
301.848	13514.910	14831.717	8.723
10085.567	73.992	1.005	14.783
12/14/2016 1:00:00 AM	529200.000	132.443	20.354
301.879	13517.267	14833.517	8.724
10086.791	73.979	1.005	14.776
12/14/2016 1:15:00 AM	530100.000	132.447	20.360
301.887	13518.258	14832.783	8.723
10086.293	73.974	1.005	14.767
12/14/2016 1:30:00 AM	531000.000	132.448	20.361
301.889	13522.842	14837.464	8.726
10089.476	73.949	1.005	14.775
12/14/2016 1:45:00 AM	531900.000	132.451	20.360
301.896	13523.679	14838.652	8.727
10090.284	73.944	1.005	14.770

12/14/2016 2:00:00 AM	532800.000	132.449	20.350
301.891	13521.513	14839.396	8.728
10090.791	73.956	1.005	14.776
12/14/2016 2:15:00 AM	533700.000	132.439	20.362
301.870	13524.702	14839.311	8.728
10090.731	73.939	1.005	14.779
12/14/2016 2:30:00 AM	534600.000	132.445	20.361
301.883	13527.840	14843.081	8.730
10093.295	73.922	1.005	14.779
12/14/2016 2:45:00 AM	535500.000	132.457	20.361
301.911	13530.752	14846.086	8.732
10095.340	73.906	1.005	14.780
12/14/2016 3:00:00 AM	536400.000	132.447	20.352
301.888	13527.485	14845.545	8.731
10094.972	73.924	1.005	14.779
12/14/2016 3:15:00 AM	537300.000	132.446	20.360
301.886	13526.483	14841.918	8.729
10092.505	73.929	1.005	14.779
12/14/2016 3:30:00 AM	538200.000	132.441	20.367
301.873	13528.155	14841.581	8.729
10092.275	73.920	1.005	14.783
12/14/2016 3:45:00 AM	539100.000	132.448	20.361
301.889	13525.188	14840.037	8.728
10091.226	73.936	1.005	14.778
12/14/2016 4:00:00 AM	540000.000	132.455	20.355
301.907	13524.492	14841.064	8.729
10091.925	73.940	1.005	14.767
12/14/2016 4:15:00 AM	540900.000	132.455	20.361
301.906	13528.852	14844.137	8.731
10094.014	73.916	1.005	14.767
12/14/2016 4:30:00 AM	541800.000	132.443	20.369
301.879	13528.660	14841.484	8.729
10092.211	73.917	1.005	14.763
12/14/2016 4:45:00 AM	542700.000	132.466	20.364
301.931	13524.798	14838.659	8.727
10090.288	73.938	1.005	14.755
12/14/2016 5:00:00 AM	543600.000	132.459	20.371
301.915	13531.522	14843.782	8.731
10093.772	73.902	1.005	14.757
12/14/2016 5:15:00 AM	544500.000	132.463	20.370
301.923	13535.399	14848.631	8.734
10097.069	73.880	1.005	14.763
12/14/2016 5:30:00 AM	545400.000	132.470	20.355
301.940	13526.988	14843.830	8.730
10093.806	73.926	1.005	14.758
12/14/2016 5:45:00 AM	546300.000	132.471	20.369
301.943	13532.611	14845.653	8.732
10095.044	73.896	1.005	14.762
12/14/2016 6:00:00 AM	547200.000	132.450	20.366
301.894	13531.551	14845.604	8.732
10095.011	73.901	1.005	14.763
12/14/2016 6:15:00 AM	548100.000	132.476	20.362
301.953	13526.354	14841.123	8.729
10091.965	73.930	1.005	14.760

12/14/2016 6:30:00 AM	549000.000	132.481	20.355
301.966	13522.062	14838.561	8.727
10090.223	73.953	1.005	14.759
12/14/2016 6:45:00 AM	549900.000	132.481	20.367
301.965	13526.526	14839.848	8.728
10091.097	73.929	1.005	14.764
12/14/2016 7:00:00 AM	550800.000	132.491	20.375
301.988	13528.793	14839.839	8.728
10091.091	73.916	1.005	14.765
12/14/2016 7:15:00 AM	551700.000	132.494	20.373
301.994	13526.074	14837.479	8.727
10089.486	73.931	1.005	14.769
12/14/2016 7:30:00 AM	552600.000	132.512	20.361
302.035	13523.923	14838.783	8.727
10090.374	73.943	1.005	14.760
12/14/2016 7:45:00 AM	553500.000	132.513	20.369
302.038	13527.713	14840.306	8.728
10091.409	73.922	1.005	14.759
12/14/2016 8:00:00 AM	554400.000	132.535	20.366
302.087	13524.061	14837.359	8.726
10089.405	73.942	1.005	14.755
12/14/2016 8:15:00 AM	555300.000	132.575	20.362
302.180	13526.512	14841.326	8.729
10092.102	73.929	1.005	14.761
12/14/2016 8:30:00 AM	556200.000	132.559	20.363
302.143	13525.888	14840.122	8.728
10091.284	73.932	1.005	14.764
12/14/2016 8:45:00 AM	557100.000	132.561	20.358
302.148	13521.687	14837.144	8.726
10089.258	73.955	1.005	14.761
12/14/2016 9:00:00 AM	558000.000	132.578	20.375
302.185	13525.823	14836.282	8.726
10088.673	73.933	1.005	14.757
12/14/2016 9:15:00 AM	558900.000	132.572	20.365
302.173	13521.572	14834.821	8.725
10087.679	73.956	1.005	14.777
12/14/2016 9:30:00 AM	559800.000	132.587	20.359
302.206	13518.579	14833.461	8.724
10086.755	73.972	1.005	14.773
12/14/2016 9:45:00 AM	560700.000	132.602	20.355
302.240	13521.257	14837.677	8.727
10089.620	73.958	1.005	14.775
12/14/2016 10:00:00 AM	561600.000	132.619	20.353
302.281	13516.939	14833.617	8.724
10086.859	73.981	1.005	14.770
12/14/2016 10:15:00 AM	562500.000	132.624	20.355
302.291	13517.819	14833.769	8.724
10086.964	73.976	1.005	14.773
12/14/2016 10:30:00 AM	563400.000	132.631	20.371
302.307	13518.381	14829.582	8.721
10084.117	73.973	1.005	14.769
12/14/2016 10:45:00 AM	564300.000	132.637	20.376
302.321	13520.776	14830.555	8.722
10084.777	73.960	1.005	14.774

12/14/2016 11:00:00 AM	565200.000	132.656	20.370
302.364	13522.051	14833.933	8.724
10087.074	73.953	1.005	14.769
12/14/2016 11:15:00 AM	566100.000	132.663	20.371
302.380	13522.633	14834.030	8.724
10087.141	73.950	1.005	14.768
12/14/2016 11:30:00 AM	567000.000	132.663	20.372
302.381	13521.310	14832.309	8.723
10085.970	73.957	1.005	14.768
12/14/2016 11:45:00 AM	567900.000	132.666	20.370
302.386	13520.453	14832.020	8.723
10085.773	73.962	1.005	14.766
12/14/2016 12:00:00 PM	568800.000	132.672	20.377
302.401	13521.801	14831.383	8.723
10085.342	73.955	1.005	14.756
12/14/2016 12:15:00 PM	569700.000	132.668	20.382
302.391	13514.112	14821.428	8.716
10078.571	73.997	1.005	14.757
12/14/2016 12:30:00 PM	570600.000	132.673	20.375
302.402	13516.447	14826.297	8.719
10081.883	73.984	1.005	14.749
12/14/2016 12:45:00 PM	571500.000	132.661	20.368
302.374	13521.759	14834.265	8.724
10087.301	73.955	1.005	14.750
12/14/2016 1:00:00 PM	572400.000	132.666	20.373
302.386	13520.311	14830.939	8.722
10085.039	73.963	1.005	14.750
12/14/2016 1:15:00 PM	573300.000	132.663	20.365
302.381	13509.582	14821.854	8.717
10078.861	74.022	1.005	14.751
12/14/2016 1:30:00 PM	574200.000	132.661	20.361
302.375	13506.097	14819.278	8.715
10077.110	74.041	1.005	14.750
12/14/2016 1:45:00 PM	575100.000	132.648	20.365
302.345	13508.380	14820.348	8.716
10077.837	74.028	1.005	14.747
12/14/2016 2:00:00 PM	576000.000	132.642	20.363
302.331	13508.110	14820.808	8.716
10078.149	74.030	1.005	14.742
12/14/2016 2:15:00 PM	576900.000	132.625	20.380
302.293	13515.518	14823.540	8.718
10080.009	73.989	1.005	14.743
12/14/2016 2:30:00 PM	577800.000	132.608	20.379
302.254	13511.405	14819.326	8.715
10077.142	74.012	1.005	14.747
12/14/2016 2:45:00 PM	578700.000	132.643	20.385
302.333	13512.530	14818.663	8.715
10076.691	74.005	1.005	14.740
12/14/2016 3:00:00 PM	579600.000	132.580	20.388
302.190	13510.772	14815.763	8.713
10074.720	74.015	1.005	14.747
12/14/2016 3:15:00 PM	580500.000	132.609	20.385
302.258	13509.627	14815.645	8.713
10074.640	74.021	1.005	14.736

12/14/2016 3:30:00 PM	581400.000	132.560	20.384
302.146	13511.964	14818.452	8.714
10076.549	74.008	1.005	14.742
12/14/2016 3:45:00 PM	582300.000	132.545	20.380
302.112	13515.382	14823.420	8.718
10079.927	73.990	1.005	14.736
12/14/2016 4:00:00 PM	583200.000	132.541	20.380
302.102	13511.746	14819.510	8.715
10077.267	74.010	1.005	14.731
12/14/2016 4:15:00 PM	584100.000	132.511	20.381
302.033	13507.253	14814.100	8.712
10073.588	74.034	1.005	14.744
12/14/2016 4:30:00 PM	585000.000	132.508	20.380
302.026	13513.960	14821.887	8.717
10078.883	73.998	1.005	14.739
12/14/2016 4:45:00 PM	585900.000	132.528	20.388
302.073	13510.752	14815.820	8.713
10074.759	74.015	1.005	14.736
12/14/2016 5:00:00 PM	586800.000	132.481	20.388
301.965	13511.097	14816.364	8.713
10075.129	74.013	1.005	14.738
12/14/2016 5:15:00 PM	587700.000	132.449	20.391
301.893	13515.196	14819.770	8.715
10077.444	73.991	1.005	14.740
12/14/2016 5:30:00 PM	588600.000	132.447	20.387
301.888	13512.165	14817.588	8.714
10075.960	74.007	1.005	14.740
12/14/2016 5:45:00 PM	589500.000	132.439	20.390
301.869	13512.277	14817.060	8.714
10075.601	74.007	1.005	14.738
12/14/2016 6:00:00 PM	590400.000	132.422	20.389
301.830	13519.685	14825.426	8.719
10081.290	73.966	1.005	14.741
12/14/2016 6:15:00 PM	591300.000	132.407	20.393
301.796	13509.425	14812.795	8.711
10072.700	74.022	1.005	14.739
12/14/2016 6:30:00 PM	592200.000	132.398	20.396
301.776	13517.618	14820.912	8.716
10078.222	73.978	1.005	14.737
12/14/2016 6:45:00 PM	593100.000	132.417	20.398
301.820	13516.196	14818.594	8.715
10076.644	73.985	1.005	14.737
12/14/2016 7:00:00 PM	594000.000	132.381	20.398
301.737	13514.896	14817.385	8.714
10075.822	73.992	1.005	14.736
12/14/2016 7:15:00 PM	594900.000	132.390	20.403
301.757	13516.485	14817.396	8.714
10075.829	73.984	1.005	14.742
12/14/2016 7:30:00 PM	595800.000	132.369	20.407
301.710	13515.624	14815.261	8.713
10074.377	73.988	1.005	14.732
12/14/2016 7:45:00 PM	596700.000	132.389	20.414
301.756	13519.236	14817.107	8.714
10075.633	73.969	1.005	14.733

12/14/2016 8:00:00 PM	597600.000	132.356	20.414
301.680	13519.641	14817.440	8.714
10075.860	73.966	1.005	14.730
12/14/2016 8:15:00 PM	598500.000	132.379	20.416
301.733	13522.245	14819.754	8.716
10077.433	73.952	1.005	14.730
12/14/2016 8:30:00 PM	599400.000	132.351	20.378
301.668	13512.691	14821.255	8.716
10078.454	74.005	1.005	14.735
12/14/2016 8:45:00 PM	600300.000	132.377	20.328
301.728	13452.734	14770.779	8.684
10044.130	74.334	1.005	14.736
12/14/2016 9:00:00 PM	601200.000	132.377	20.323
301.728	13429.133	14746.592	8.668
10027.684	74.465	1.005	14.746
12/14/2016 9:15:00 PM	602100.000	132.386	20.325
301.748	13423.586	14739.584	8.664
10022.918	74.496	1.005	14.743
12/14/2016 9:30:00 PM	603000.000	132.391	20.328
301.760	13423.908	14739.154	8.664
10022.626	74.494	1.005	14.743
12/14/2016 9:45:00 PM	603900.000	132.400	20.331
301.780	13426.770	14741.436	8.665
10024.178	74.478	1.005	14.743
12/14/2016 10:00:00 PM	604800.000	132.395	20.332
301.770	13429.692	14744.370	8.667
10026.173	74.462	1.005	14.744
12/14/2016 10:15:00 PM	605700.000	132.409	20.339
301.800	13430.102	14742.634	8.666
10024.992	74.460	1.005	14.744
12/14/2016 10:30:00 PM	606600.000	132.417	20.335
301.819	13427.359	14740.680	8.665
10023.662	74.475	1.005	14.738
12/14/2016 10:45:00 PM	607500.000	132.414	20.341
301.813	13430.038	14741.840	8.665
10024.451	74.460	1.005	14.745
12/14/2016 11:00:00 PM	608400.000	132.426	20.342
301.839	13434.130	14746.166	8.668
10027.394	74.437	1.005	14.742
12/14/2016 11:15:00 PM	609300.000	132.435	20.342
301.861	13431.646	14743.412	8.666
10025.521	74.451	1.005	14.742
12/14/2016 11:30:00 PM	610200.000	132.436	20.349
301.861	13434.085	14743.904	8.667
10025.856	74.438	1.005	14.741
12/14/2016 11:45:00 PM	611100.000	132.441	20.354
301.874	13432.454	14740.445	8.665
10023.503	74.447	1.005	14.744

Report Date: 12/19/2016 10:30:00 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8M_2016-12-15_15-22-33-912.wsl
Create Date: 12/15/2016 3:22:31 PM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/27/2016 4:37:25 PM	Sensor SN: 410756 Factory calibration has expired.: 6/10/2016 6:27:04 PM
10/27/2016 4:37:25 PM	Used Battery: 11% Used Memory: 3% User Name: SKuiper
10/27/2016 5:45:09 PM	Log Download - Used Battery: 11% Used Memory: 3% User Name: SKuiper Interval - Start Time: 10/27/2016 5:00:00 PM Stop Time: 10/27/2016 6:30:00 PM
11/3/2016 3:41:58 PM	Log Download - Used Battery: 12% Used Memory: 3% User Name: SKuiper Interval - Start Time: 9/30/2016 5:00:00 PM Stop Time: 11/3/2016 4:30:00 PM
11/11/2016 8:26:15 AM	Log Download - Used Battery: 12% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:15:00 AM
11/17/2016 3:03:29 PM	Log Download - Used Battery: 13% Used Memory: 4% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 3:00:00 PM
11/24/2016 12:31:09 PM	Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:15:00 PM
12/2/2016 7:59:17 AM	Log Download - Used Battery: 13% Used Memory: 6% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:45:00 AM
12/9/2016 9:30:12 AM	Log Download - Used Battery: 14% Used Memory: 7% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:30:00 AM
12/15/2016 3:22:12 PM	Log Download - Used Battery: 14% Used Memory: 7% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:15:00 PM

Log Data:
Record Count: 741
Sensors: 1
1 - 410756: PCTD 100 PSIG (70m/231ft)
Time Zone: Pacific Standard Time

		Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
	Elapsed Time	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756	SN#: 410756
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)
12/8/2016 12:00:00 AM	7200.000	70.787	17.384	159.455	41045.145	48031.730	31.492	32.662	24.363	1.023
12/8/2016 12:15:00 AM	8100.000	70.792	17.373	159.466	41010.086	48002.414	31.470	32.642	24.384	1.023
12/8/2016 12:30:00 AM	9000.000	70.787	17.369							

159.455	41023.547	48023.039	31.485
32.656	24.376	1.023	
12/8/2016 12:45:00 AM	9900.000	70.782	17.373
159.444	41032.586	48028.941	31.490
32.660	24.371	1.023	
12/8/2016 1:00:00 AM	10800.000	70.788	17.372
159.456	41029.863	48026.875	31.488
32.658	24.372	1.023	
12/8/2016 1:15:00 AM	11700.000	70.787	17.369
159.455	41017.980	48016.152	31.480
32.651	24.380	1.023	
12/8/2016 1:30:00 AM	12600.000	70.782	17.367
159.444	41012.680	48012.012	31.477
32.648	24.383	1.023	
12/8/2016 1:45:00 AM	13500.000	70.787	17.371
159.455	41016.820	48012.461	31.478
32.648	24.380	1.023	
12/8/2016 2:00:00 AM	14400.000	70.791	17.370
159.464	41027.020	48025.879	31.487
32.658	24.374	1.023	
12/8/2016 2:15:00 AM	15300.000	70.798	17.368
159.478	41021.344	48021.777	31.484
32.655	24.378	1.023	
12/8/2016 2:30:00 AM	16200.000	70.802	17.371
159.488	41014.191	48009.383	31.475
32.646	24.382	1.023	
12/8/2016 2:45:00 AM	17100.000	70.811	17.372
159.509	41029.316	48026.898	31.488
32.658	24.373	1.023	
12/8/2016 3:00:00 AM	18000.000	70.816	17.370
159.520	40981.848	47972.730	31.448
32.621	24.401	1.023	
12/8/2016 3:15:00 AM	18900.000	70.820	17.373
159.528	41026.539	48022.051	31.485
32.655	24.374	1.023	
12/8/2016 3:30:00 AM	19800.000	70.824	17.366
159.538	41050.652	48057.594	31.510
32.679	24.360	1.023	
12/8/2016 3:45:00 AM	20700.000	70.837	17.362
159.567	41048.938	48060.648	31.512
32.681	24.361	1.023	
12/8/2016 4:00:00 AM	21600.000	70.845	17.368
159.586	41034.922	48037.105	31.495
32.665	24.369	1.023	
12/8/2016 4:15:00 AM	22500.000	70.851	17.374
159.600	41057.605	48057.281	31.511
32.679	24.356	1.023	
12/8/2016 4:30:00 AM	23400.000	70.852	17.373
159.602	41004.301	47995.914	31.466
32.637	24.388	1.023	
12/8/2016 4:45:00 AM	24300.000	70.861	17.370
159.621	41021.250	48019.691	31.483
32.653	24.378	1.023	
12/8/2016 5:00:00 AM	25200.000	70.877	17.370
159.658	41003.516	47998.852	31.468

32.639	24.388	1.023	
12/8/2016 5:15:00 AM	26100.000	70.880	17.370
159.665	41037.258	48038.055	31.496
32.666	24.368	1.023	
12/8/2016 5:30:00 AM	27000.000	70.894	17.368
159.695	41030.191	48031.379	31.491
32.661	24.372	1.023	
12/8/2016 5:45:00 AM	27900.000	70.897	17.383
159.702	41027.613	48012.801	31.479
32.649	24.374	1.023	
12/8/2016 6:00:00 AM	28800.000	70.901	17.368
159.712	41031.715	48033.453	31.493
32.663	24.371	1.023	
12/8/2016 6:15:00 AM	29700.000	70.911	17.361
159.735	40989.375	47991.945	31.462
32.635	24.397	1.023	
12/8/2016 6:30:00 AM	30600.000	70.911	17.369
159.735	41022.125	48021.750	31.484
32.655	24.377	1.023	
12/8/2016 6:45:00 AM	31500.000	70.917	17.369
159.747	41005.207	48001.945	31.470
32.641	24.387	1.023	
12/8/2016 7:00:00 AM	32400.000	70.931	17.371
159.780	40989.879	47981.863	31.455
32.628	24.396	1.023	
12/8/2016 7:15:00 AM	33300.000	70.932	17.376
159.781	41010.738	48000.180	31.469
32.640	24.384	1.023	
12/8/2016 7:30:00 AM	34200.000	70.927	17.374
159.771	41033.180	48028.594	31.490
32.659	24.371	1.023	
12/8/2016 7:45:00 AM	35100.000	70.940	17.372
159.800	41040.789	48039.477	31.497
32.667	24.366	1.023	
12/8/2016 8:00:00 AM	36000.000	70.940	17.375
159.799	40978.434	47963.871	31.442
32.615	24.403	1.023	
12/8/2016 8:15:00 AM	36900.000	70.940	17.376
159.800	41061.371	48060.281	31.513
32.681	24.354	1.023	
12/8/2016 8:30:00 AM	37800.000	70.927	17.368
159.770	41010.313	48008.199	31.474
32.646	24.384	1.023	
12/8/2016 8:45:00 AM	38700.000	70.938	17.372
159.795	41025.789	48022.574	31.485
32.655	24.375	1.023	
12/8/2016 9:00:00 AM	39600.000	70.928	17.371
159.773	41021.844	48019.176	31.482
32.653	24.377	1.023	
12/8/2016 9:15:00 AM	40500.000	70.934	17.370
159.786	41029.965	48029.141	31.490
32.660	24.372	1.023	
12/8/2016 9:30:00 AM	41400.000	70.919	17.375
159.753	41028.375	48022.035	31.485
32.655	24.373	1.023	

12/8/2016 9:45:00 AM	42300.000	70.932	17.373
159.781	41075.789	48079.590	31.527
32.694	24.345	1.023	
12/8/2016 10:00:00 AM	43200.000	70.919	17.369
159.751	41046.781	48049.867	31.505
32.674	24.362	1.023	
12/8/2016 10:15:00 AM	44100.000	70.914	17.377
159.741	41021.469	48012.176	31.478
32.648	24.377	1.023	
12/8/2016 10:30:00 AM	45000.000	70.916	17.373
159.746	41016.805	48011.215	31.477
32.648	24.380	1.023	
12/8/2016 10:45:00 AM	45900.000	70.910	17.365
159.732	41014.125	48015.867	31.480
32.651	24.382	1.023	
12/8/2016 11:00:00 AM	46800.000	70.906	17.373
159.722	41014.398	48007.734	31.474
32.645	24.382	1.023	
12/8/2016 11:15:00 AM	47700.000	70.902	17.368
159.713	41021.129	48021.246	31.484
32.654	24.378	1.023	
12/8/2016 11:30:00 AM	48600.000	70.890	17.371
159.687	41025.137	48022.570	31.485
32.655	24.375	1.023	
12/8/2016 11:45:00 AM	49500.000	70.891	17.372
159.689	41056.430	48058.441	31.511
32.680	24.357	1.023	
12/8/2016 12:00:00 PM	50400.000	70.887	17.380
159.680	41055.086	48047.762	31.504
32.672	24.358	1.023	
12/8/2016 12:15:00 PM	51300.000	70.885	17.375
159.676	41049.719	48047.676	31.504
32.672	24.361	1.023	
12/8/2016 12:30:00 PM	52200.000	70.875	17.377
159.654	41041.809	48036.082	31.495
32.665	24.365	1.023	
12/8/2016 12:45:00 PM	53100.000	70.871	17.378
159.644	41060.938	48056.871	31.510
32.679	24.354	1.023	
12/8/2016 1:00:00 PM	54000.000	70.876	17.373
159.656	41076.965	48081.449	31.528
32.695	24.345	1.023	
12/8/2016 1:15:00 PM	54900.000	70.880	17.374
159.665	41035.727	48031.395	31.492
32.661	24.369	1.023	
12/8/2016 1:30:00 PM	55800.000	70.870	17.376
159.643	41043.438	48038.832	31.497
32.666	24.364	1.023	
12/8/2016 1:45:00 PM	56700.000	70.858	17.378
159.615	41049.977	48044.324	31.501
32.670	24.361	1.023	
12/8/2016 2:00:00 PM	57600.000	70.857	17.381
159.613	41050.191	48040.930	31.499
32.668	24.360	1.023	
12/8/2016 2:15:00 PM	58500.000	70.870	17.376

159.643	41020.070	48011.293	31.477
32.648	24.378	1.023	
12/8/2016 2:30:00 PM	59400.000	70.866	17.369
159.634	41039.898	48042.285	31.499
32.669	24.367	1.023	
12/8/2016 2:45:00 PM	60300.000	70.866	17.377
159.632	41028.281	48020.340	31.484
32.654	24.373	1.023	
12/8/2016 3:00:00 PM	61200.000	70.874	17.372
159.650	41011.684	48005.688	31.473
32.644	24.383	1.023	
12/8/2016 3:15:00 PM	62100.000	70.874	17.370
159.650	41035.570	48035.809	31.495
32.664	24.369	1.023	
12/8/2016 3:30:00 PM	63000.000	70.872	17.368
159.647	41033.465	48035.398	31.494
32.664	24.370	1.023	
12/8/2016 3:45:00 PM	63900.000	70.864	17.371
159.629	41083.535	48090.824	31.535
32.702	24.341	1.023	
12/8/2016 4:00:00 PM	64800.000	70.872	17.370
159.646	41016.074	48013.633	31.478
32.649	24.381	1.023	
12/8/2016 4:15:00 PM	65700.000	70.871	17.369
159.644	41064.406	48070.871	31.520
32.688	24.352	1.023	
12/8/2016 4:30:00 PM	66600.000	70.880	17.374
159.665	41029.617	48024.336	31.486
32.657	24.373	1.023	
12/8/2016 4:45:00 PM	67500.000	70.885	17.375
159.675	41024.797	48018.504	31.482
32.653	24.376	1.023	
12/8/2016 5:00:00 PM	68400.000	70.888	17.366
159.681	41014.754	48015.938	31.480
32.651	24.381	1.023	
12/8/2016 5:15:00 PM	69300.000	70.886	17.374
159.678	41060.195	48060.504	31.513
32.681	24.354	1.023	
12/8/2016 5:30:00 PM	70200.000	70.895	17.376
159.698	41037.328	48032.141	31.492
32.662	24.368	1.023	
12/8/2016 5:45:00 PM	71100.000	70.895	17.367
159.698	41049.844	48055.984	31.509
32.678	24.361	1.023	
12/8/2016 6:00:00 PM	72000.000	70.895	17.372
159.698	40996.059	47987.684	31.460
32.632	24.393	1.023	
12/8/2016 6:15:00 PM	72900.000	70.895	17.367
159.698	41035.324	48038.711	31.497
32.666	24.369	1.023	
12/8/2016 6:30:00 PM	73800.000	70.901	17.371
159.712	41029.387	48028.113	31.489
32.659	24.373	1.023	
12/8/2016 6:45:00 PM	74700.000	70.901	17.369
159.712	41043.617	48046.910	31.503

32.672	24.364	1.023	
12/8/2016 7:00:00 PM	75600.000	70.917	17.371
159.748	41044.793	48046.039	31.502
32.671	24.364	1.023	
12/8/2016 7:15:00 PM	76500.000	70.913	17.368
159.739	41011.793	48010.504	31.476
32.647	24.383	1.023	
12/8/2016 7:30:00 PM	77400.000	70.901	17.376
159.712	41068.016	48067.871	31.518
32.686	24.350	1.023	
12/8/2016 7:45:00 PM	78300.000	70.909	17.373
159.729	41051.734	48051.730	31.506
32.675	24.360	1.023	
12/8/2016 8:00:00 PM	79200.000	70.901	17.369
159.711	40975.535	47966.563	31.444
32.617	24.405	1.023	
12/8/2016 8:15:00 PM	80100.000	70.909	17.369
159.729	41008.477	48004.836	31.472
32.643	24.385	1.023	
12/8/2016 8:30:00 PM	81000.000	70.902	17.366
159.713	40987.422	47984.039	31.456
32.629	24.398	1.023	
12/8/2016 8:45:00 PM	81900.000	70.896	17.373
159.699	41025.418	48021.199	31.484
32.654	24.375	1.023	
12/8/2016 9:00:00 PM	82800.000	70.890	17.370
159.688	41054.301	48057.629	31.511
32.679	24.358	1.023	
12/8/2016 9:15:00 PM	83700.000	70.887	17.374
159.680	41024.281	48018.090	31.482
32.652	24.376	1.023	
12/8/2016 9:30:00 PM	84600.000	70.904	17.372
159.718	41044.941	48045.281	31.502
32.671	24.364	1.023	
12/8/2016 9:45:00 PM	85500.000	70.880	17.374
159.663	41062.027	48063.023	31.515
32.683	24.353	1.023	
12/8/2016 10:00:00 PM	86400.000	70.873	17.371
159.649	41044.438	48045.730	31.502
32.671	24.364	1.023	
12/8/2016 10:15:00 PM	87300.000	70.876	17.371
159.656	41033.781	48032.883	31.492
32.662	24.370	1.023	
12/8/2016 10:30:00 PM	88200.000	70.861	17.364
159.621	41029.715	48035.426	31.494
32.664	24.373	1.023	
12/8/2016 10:45:00 PM	89100.000	70.857	17.371
159.613	41014.602	48010.617	31.476
32.647	24.382	1.023	
12/8/2016 11:00:00 PM	90000.000	70.852	17.380
159.601	41049.773	48041.461	31.499
32.668	24.361	1.023	
12/8/2016 11:15:00 PM	90900.000	70.852	17.372
159.600	41020.137	48016.152	31.480
32.651	24.378	1.023	

12/8/2016 11:30:00 PM 91800.000 70.845 17.375
159.586 41047.203 48044.262 31.501
32.670 24.362 1.023
12/8/2016 11:45:00 PM 92700.000 70.843 17.368
159.581 41049.504 48054.840 31.508
32.677 24.361 1.023
12/9/2016 12:00:00 AM 93600.000 70.836 17.371
159.566 41022.551 48019.168 31.483
32.653 24.377 1.023
12/9/2016 12:15:00 AM 94500.000 70.838 17.365
159.570 41032.504 48038.316 31.496
32.666 24.371 1.023
12/9/2016 12:30:00 AM 95400.000 70.836 17.367
159.565 41036.492 48040.078 31.498
32.667 24.369 1.023
12/9/2016 12:45:00 AM 96300.000 70.830 17.371
159.552 41028.801 48027.426 31.488
32.659 24.373 1.023
12/9/2016 1:00:00 AM 97200.000 70.823 17.378
159.536 41023.387 48013.668 31.479
32.649 24.376 1.023
12/9/2016 1:15:00 AM 98100.000 70.826 17.378
159.543 41034.527 48026.707 31.488
32.658 24.370 1.023
12/9/2016 1:30:00 AM 99000.000 70.820 17.382
159.528 41059.480 48051.137 31.506
32.675 24.355 1.023
12/9/2016 1:45:00 AM 99900.000 70.822 17.369
159.534 41056.816 48061.984 31.514
32.682 24.356 1.023
12/9/2016 2:00:00 AM 100800.000 70.831 17.367
159.553 41020.828 48022.016 31.484
32.655 24.378 1.023
12/9/2016 2:15:00 AM 101700.000 70.831 17.376
159.555 41026.387 48018.398 31.482
32.653 24.375 1.023
12/9/2016 2:30:00 AM 102600.000 70.835 17.377
159.563 41066.340 48064.605 31.516
32.684 24.351 1.023
12/9/2016 2:45:00 AM 103500.000 70.836 17.369
159.565 41024.641 48023.855 31.486
32.656 24.376 1.023
12/9/2016 3:00:00 AM 104400.000 70.839 17.379
159.572 41046.914 48040.082 31.498
32.667 24.362 1.023
12/9/2016 3:15:00 AM 105300.000 70.848 17.376
159.592 41071.539 48071.344 31.521
32.689 24.348 1.023
12/9/2016 3:30:00 AM 106200.000 70.856 17.369
159.611 41032.965 48034.438 31.493
32.663 24.371 1.023
12/9/2016 3:45:00 AM 107100.000 70.860 17.375
159.619 41018.410 48010.285 31.476
32.647 24.379 1.023
12/9/2016 4:00:00 AM 108000.000 70.865 17.373

159.631	41004.664	47996.633	31.466
32.638	24.387	1.023	
12/9/2016 4:15:00 AM	108900.000	70.875	17.374
159.654	41030.328	48025.547	31.487
32.657	24.372	1.023	
12/9/2016 4:30:00 AM	109800.000	70.887	17.374
159.680	41002.930	47993.566	31.464
32.636	24.389	1.023	
12/9/2016 4:45:00 AM	110700.000	70.889	17.365
159.685	41047.883	48055.477	31.509
32.678	24.362	1.023	
12/9/2016 5:00:00 AM	111600.000	70.908	17.369
159.727	41072.277	48080.188	31.527
32.695	24.347	1.023	
12/9/2016 5:15:00 AM	112500.000	70.908	17.369
159.727	41034.598	48035.703	31.494
32.664	24.370	1.023	
12/9/2016 5:30:00 AM	113400.000	70.917	17.369
159.749	41056.828	48061.438	31.513
32.682	24.356	1.023	
12/9/2016 5:45:00 AM	114300.000	70.930	17.366
159.776	41014.125	48014.734	31.479
32.650	24.382	1.023	
12/9/2016 6:00:00 AM	115200.000	70.940	17.366
159.799	41034.727	48038.953	31.497
32.666	24.370	1.023	
12/9/2016 6:15:00 AM	116100.000	70.948	17.372
159.818	41040.262	48039.141	31.497
32.667	24.366	1.023	
12/9/2016 6:30:00 AM	117000.000	70.955	17.372
159.833	41036.199	48035.047	31.494
32.664	24.369	1.023	
12/9/2016 6:45:00 AM	117900.000	70.963	17.375
159.852	41031.375	48025.836	31.488
32.658	24.372	1.023	
12/9/2016 7:00:00 AM	118800.000	70.964	17.366
159.853	41023.516	48025.918	31.487
32.658	24.376	1.023	
12/9/2016 7:15:00 AM	119700.000	70.976	17.374
159.881	41047.027	48044.898	31.501
32.671	24.362	1.023	
12/9/2016 7:30:00 AM	120600.000	70.977	17.373
159.883	41004.000	47996.316	31.466
32.637	24.388	1.023	
12/9/2016 7:45:00 AM	121500.000	70.984	17.368
159.899	41051.203	48055.977	31.509
32.678	24.360	1.023	
12/9/2016 8:00:00 AM	122400.000	70.979	17.377
159.887	41049.020	48044.703	31.501
32.670	24.361	1.023	
12/9/2016 8:15:00 AM	123300.000	70.993	17.370
159.920	41031.949	48031.758	31.492
32.662	24.371	1.023	
12/9/2016 8:30:00 AM	124200.000	70.989	17.368
159.909	41051.438	48057.004	31.510

32.679	24.360	1.023	
12/9/2016 8:45:00 AM	125100.000	70.979	17.376
159.887	41025.691	48017.684	31.482
32.652	24.375	1.023	
12/9/2016 9:00:00 AM	126000.000	70.996	17.373
159.925	41052.484	48052.313	31.507
32.676	24.359	1.023	
12/9/2016 9:15:00 AM	126900.000	70.988	17.371
159.906	41063.305	48067.145	31.518
32.686	24.353	1.023	
12/9/2016 9:30:00 AM	127800.000	70.979	17.373
159.888	41048.113	48047.574	31.503
32.672	24.362	1.023	
12/9/2016 9:45:00 AM	128700.000	70.985	17.374
159.901	41048.223	48046.492	31.503
32.672	24.362	1.023	
12/9/2016 10:00:00 AM	129600.000	70.979	17.376
159.887	41054.070	48051.277	31.506
32.675	24.358	1.023	
12/9/2016 10:15:00 AM	130500.000	70.971	17.375
159.869	41000.008	47988.934	31.461
32.632	24.390	1.023	
12/9/2016 10:30:00 AM	131400.000	70.978	17.374
159.885	41036.543	48032.629	31.493
32.662	24.369	1.023	
12/9/2016 10:45:00 AM	132300.000	70.969	17.374
159.865	41012.586	48004.965	31.472
32.643	24.383	1.023	
12/9/2016 11:00:00 AM	133200.000	70.963	17.377
159.851	41020.676	48011.438	31.477
32.648	24.378	1.023	
12/9/2016 11:15:00 AM	134100.000	70.954	17.373
159.830	41034.453	48031.395	31.492
32.661	24.370	1.023	
12/9/2016 11:30:00 AM	135000.000	70.948	17.371
159.818	41011.828	48007.184	31.474
32.645	24.383	1.023	
12/9/2016 11:45:00 AM	135900.000	70.941	17.370
159.801	41048.102	48050.855	31.506
32.675	24.362	1.023	
12/9/2016 12:00:00 PM	136800.000	70.940	17.380
159.800	41031.234	48019.766	31.483
32.653	24.372	1.023	
12/9/2016 12:15:00 PM	137700.000	70.928	17.382
159.773	41070.875	48064.754	31.516
32.684	24.348	1.023	
12/9/2016 12:30:00 PM	138600.000	70.919	17.380
159.751	41071.793	48067.609	31.518
32.686	24.348	1.023	
12/9/2016 12:45:00 PM	139500.000	70.918	17.376
159.749	41092.055	48095.922	31.539
32.705	24.336	1.023	
12/9/2016 1:00:00 PM	140400.000	70.909	17.376
159.730	41027.516	48020.285	31.484
32.654	24.374	1.023	

12/9/2016 1:15:00 PM	141300.000	70.908	17.377
159.727	41061.156	48058.063	31.511
32.679	24.354	1.023	
12/9/2016 1:30:00 PM	142200.000	70.902	17.375
159.714	41039.891	48036.082	31.495
32.665	24.367	1.023	
12/9/2016 1:45:00 PM	143100.000	70.891	17.376
159.689	41053.738	48050.410	31.506
32.674	24.358	1.023	
12/9/2016 2:00:00 PM	144000.000	70.886	17.379
159.678	41048.746	48042.039	31.500
32.669	24.361	1.023	
12/9/2016 2:15:00 PM	144900.000	70.879	17.375
159.663	41067.121	48067.488	31.518
32.686	24.350	1.023	
12/9/2016 2:30:00 PM	145800.000	70.881	17.385
159.666	41052.836	48040.539	31.499
32.668	24.359	1.023	
12/9/2016 2:45:00 PM	146700.000	70.877	17.373
159.658	41035.570	48032.516	31.492
32.662	24.369	1.023	
12/9/2016 3:00:00 PM	147600.000	70.875	17.376
159.654	41056.730	48054.660	31.509
32.677	24.357	1.023	
12/9/2016 3:15:00 PM	148500.000	70.877	17.371
159.658	41009.922	48004.844	31.472
32.643	24.384	1.023	
12/9/2016 3:30:00 PM	149400.000	70.877	17.374
159.658	41046.773	48044.414	31.501
32.670	24.362	1.023	
12/9/2016 3:45:00 PM	150300.000	70.870	17.372
159.641	41055.234	48056.664	31.510
32.679	24.357	1.023	
12/9/2016 4:00:00 PM	151200.000	70.877	17.377
159.658	41060.383	48057.633	31.511
32.679	24.354	1.023	
12/9/2016 4:15:00 PM	152100.000	70.878	17.379
159.660	41025.762	48015.324	31.480
32.650	24.375	1.023	
12/9/2016 4:30:00 PM	153000.000	70.885	17.377
159.676	41051.867	48047.477	31.504
32.672	24.359	1.023	
12/9/2016 4:45:00 PM	153900.000	70.877	17.381
159.658	41031.855	48020.305	31.484
32.654	24.371	1.023	
12/9/2016 5:00:00 PM	154800.000	70.885	17.378
159.676	41053.594	48048.652	31.504
32.673	24.358	1.023	
12/9/2016 5:15:00 PM	155700.000	70.890	17.373
159.687	41043.020	48041.422	31.499
32.668	24.365	1.023	
12/9/2016 5:30:00 PM	156600.000	70.891	17.380
159.689	40995.172	47978.023	31.453
32.625	24.393	1.023	
12/9/2016 5:45:00 PM	157500.000	70.895	17.380

159.697	41048.133	48039.813	31.498
32.667	24.362	1.023	
12/9/2016 6:00:00 PM	158400.000	70.907	17.377
159.725	41045.113	48039.473	31.498
32.667	24.363	1.023	
12/9/2016 6:15:00 PM	159300.000	70.908	17.374
159.728	41012.824	48004.770	31.472
32.643	24.383	1.023	
12/9/2016 6:30:00 PM	160200.000	70.909	17.377
159.730	41027.402	48018.844	31.483
32.653	24.374	1.023	
12/9/2016 6:45:00 PM	161100.000	70.911	17.376
159.734	41051.965	48048.434	31.504
32.673	24.359	1.023	
12/9/2016 7:00:00 PM	162000.000	70.917	17.375
159.749	41031.898	48026.262	31.488
32.658	24.371	1.023	
12/9/2016 7:15:00 PM	162900.000	70.928	17.376
159.773	40995.387	47982.117	31.456
32.628	24.393	1.023	
12/9/2016 7:30:00 PM	163800.000	70.918	17.376
159.750	41072.379	48072.977	31.522
32.690	24.347	1.023	
12/9/2016 7:45:00 PM	164700.000	70.931	17.374
159.778	41035.234	48030.910	31.491
32.661	24.369	1.023	
12/9/2016 8:00:00 PM	165600.000	70.931	17.375
159.778	41030.750	48025.383	31.487
32.657	24.372	1.023	
12/9/2016 8:15:00 PM	166500.000	70.930	17.375
159.777	41032.297	48026.539	31.488
32.658	24.371	1.023	
12/9/2016 8:30:00 PM	167400.000	70.940	17.375
159.800	41068.352	48069.117	31.519
32.687	24.350	1.023	
12/9/2016 8:45:00 PM	168300.000	70.934	17.376
159.785	41077.000	48078.016	31.526
32.693	24.345	1.023	
12/9/2016 9:00:00 PM	169200.000	70.930	17.378
159.777	41018.855	48007.809	31.475
32.645	24.379	1.023	
12/9/2016 9:15:00 PM	170100.000	70.940	17.374
159.798	41057.477	48057.129	31.510
32.679	24.356	1.023	
12/9/2016 9:30:00 PM	171000.000	70.935	17.378
159.788	41056.477	48051.648	31.507
32.675	24.357	1.023	
12/9/2016 9:45:00 PM	171900.000	70.937	17.372
159.792	41056.402	48057.750	31.511
32.679	24.357	1.023	
12/9/2016 10:00:00 PM	172800.000	70.934	17.373
159.785	41067.500	48070.457	31.520
32.688	24.350	1.023	
12/9/2016 10:15:00 PM	173700.000	70.928	17.366
159.772	41032.258	48035.965	31.494

32.664	24.371	1.023	
12/9/2016 10:30:00 PM	174600.000	70.932	17.375
159.781	41022.945	48015.680	31.480
32.651	24.377	1.023	
12/9/2016 10:45:00 PM	175500.000	70.926	17.376
159.768	41025.973	48018.758	31.482
32.653	24.375	1.023	
12/9/2016 11:00:00 PM	176400.000	70.919	17.371
159.751	41025.973	48023.742	31.486
32.656	24.375	1.023	
12/9/2016 11:15:00 PM	177300.000	70.917	17.381
159.748	41032.820	48020.680	31.484
32.654	24.371	1.023	
12/9/2016 11:30:00 PM	178200.000	70.914	17.372
159.741	41010.547	48004.168	31.472
32.643	24.384	1.023	
12/9/2016 11:45:00 PM	179100.000	70.910	17.376
159.732	41013.539	48004.023	31.472
32.643	24.382	1.023	
12/10/2016 12:00:00 AM	180000.000	70.910	17.375
159.731	41050.289	48047.496	31.503
32.672	24.360	1.023	
12/10/2016 12:15:00 AM	180900.000	70.909	17.373
159.729	41078.793	48083.297	31.529
32.697	24.343	1.023	
12/10/2016 12:30:00 AM	181800.000	70.901	17.373
159.712	41036.559	48033.402	31.493
32.663	24.369	1.023	
12/10/2016 12:45:00 AM	182700.000	70.895	17.376
159.698	41032.434	48026.141	31.488
32.658	24.371	1.023	
12/10/2016 1:00:00 AM	183600.000	70.896	17.375
159.699	41019.500	48011.750	31.477
32.648	24.379	1.023	
12/10/2016 1:15:00 AM	184500.000	70.895	17.371
159.698	41053.941	48055.914	31.509
32.678	24.358	1.023	
12/10/2016 1:30:00 AM	185400.000	70.909	17.378
159.729	41047.301	48041.191	31.499
32.668	24.362	1.023	
12/10/2016 1:45:00 AM	186300.000	70.889	17.371
159.684	41029.473	48027.918	31.489
32.659	24.373	1.023	
12/10/2016 2:00:00 AM	187200.000	70.891	17.374
159.689	41064.590	48065.738	31.517
32.685	24.352	1.023	
12/10/2016 2:15:00 AM	188100.000	70.894	17.377
159.696	41045.969	48040.949	31.499
32.668	24.363	1.023	
12/10/2016 2:30:00 AM	189000.000	70.895	17.374
159.698	41064.805	48065.520	31.517
32.685	24.352	1.023	
12/10/2016 2:45:00 AM	189900.000	70.896	17.373
159.699	41011.586	48004.172	31.472
32.643	24.383	1.023	

12/10/2016 3:00:00 AM	190800.000	70.902	17.375
159.713	41038.902	48035.016	31.494
32.664	24.367	1.023	
12/10/2016 3:15:00 AM	191700.000	70.908	17.369
159.727	41048.074	48052.219	31.506
32.676	24.362	1.023	
12/10/2016 3:30:00 AM	192600.000	70.910	17.377
159.732	41056.918	48053.578	31.508
32.676	24.356	1.023	
12/10/2016 3:45:00 AM	193500.000	70.912	17.370
159.737	41057.273	48061.488	31.513
32.682	24.356	1.023	
12/10/2016 4:00:00 AM	194400.000	70.926	17.376
159.767	41028.875	48021.977	31.485
32.655	24.373	1.023	
12/10/2016 4:15:00 AM	195300.000	70.930	17.380
159.777	41024.703	48012.586	31.478
32.649	24.376	1.023	
12/10/2016 4:30:00 AM	196200.000	70.927	17.373
159.770	41038.234	48035.930	31.495
32.664	24.368	1.023	
12/10/2016 4:45:00 AM	197100.000	70.945	17.381
159.812	41064.762	48058.250	31.512
32.680	24.352	1.023	
12/10/2016 5:00:00 AM	198000.000	70.956	17.374
159.836	41060.664	48060.582	31.513
32.681	24.354	1.023	
12/10/2016 5:15:00 AM	198900.000	70.960	17.380
159.845	41065.004	48059.559	31.513
32.681	24.352	1.023	
12/10/2016 5:30:00 AM	199800.000	70.975	17.372
159.878	41044.820	48044.664	31.501
32.670	24.364	1.023	
12/10/2016 5:45:00 AM	200700.000	70.984	17.377
159.899	41080.715	48080.863	31.528
32.695	24.342	1.023	
12/10/2016 6:00:00 AM	201600.000	70.995	17.369
159.923	41045.223	48048.789	31.504
32.673	24.363	1.023	
12/10/2016 6:15:00 AM	202500.000	71.002	17.374
159.940	41040.078	48037.145	31.496
32.665	24.366	1.023	
12/10/2016 6:30:00 AM	203400.000	71.012	17.376
159.962	41036.305	48030.672	31.491
32.661	24.369	1.023	
12/10/2016 6:45:00 AM	204300.000	71.021	17.374
159.981	41042.348	48039.883	31.498
32.667	24.365	1.023	
12/10/2016 7:00:00 AM	205200.000	71.031	17.374
160.005	41071.523	48073.293	31.522
32.690	24.348	1.023	
12/10/2016 7:15:00 AM	206100.000	71.037	17.370
160.018	41025.531	48024.059	31.486
32.656	24.375	1.023	
12/10/2016 7:30:00 AM	207000.000	71.047	17.371

160.040	41048.531	48049.770	31.505
32.674	24.361	1.023	
12/10/2016 7:45:00 AM	207900.000	71.062	17.371
160.073	41045.914	48046.703	31.503
32.672	24.363	1.023	
12/10/2016 8:00:00 AM	208800.000	71.062	17.366
160.073	41033.797	48038.043	31.496
32.666	24.370	1.023	
12/10/2016 8:15:00 AM	209700.000	71.063	17.373
160.077	41071.203	48074.887	31.523
32.691	24.348	1.023	
12/10/2016 8:30:00 AM	210600.000	71.072	17.375
160.097	41036.945	48031.879	31.492
32.662	24.368	1.023	
12/10/2016 8:45:00 AM	211500.000	71.072	17.373
160.096	41066.211	48068.191	31.518
32.686	24.351	1.023	
12/10/2016 9:00:00 AM	212400.000	71.079	17.370
160.113	41036.773	48037.297	31.496
32.665	24.368	1.023	
12/10/2016 9:15:00 AM	213300.000	71.083	17.369
160.121	41028.117	48028.855	31.489
32.660	24.374	1.023	
12/10/2016 9:30:00 AM	214200.000	71.083	17.373
160.121	41056.418	48057.672	31.511
32.679	24.357	1.023	
12/10/2016 9:45:00 AM	215100.000	71.079	17.370
160.113	41023.273	48021.688	31.484
32.655	24.376	1.023	
12/10/2016 10:00:00 AM	216000.000	71.079	17.373
160.112	41064.949	48067.469	31.518
32.686	24.352	1.023	
12/10/2016 10:15:00 AM	216900.000	71.076	17.375
160.105	41052.379	48050.418	31.506
32.674	24.359	1.023	
12/10/2016 10:30:00 AM	217800.000	71.076	17.372
160.105	41016.617	48011.836	31.477
32.648	24.380	1.023	
12/10/2016 10:45:00 AM	218700.000	71.063	17.369
160.077	41047.270	48050.727	31.505
32.674	24.362	1.023	
12/10/2016 11:00:00 AM	219600.000	71.062	17.370
160.073	41054.613	48057.910	31.511
32.679	24.358	1.023	
12/10/2016 11:15:00 AM	220500.000	71.060	17.374
160.069	41069.602	48071.137	31.521
32.688	24.349	1.023	
12/10/2016 11:30:00 AM	221400.000	71.047	17.377
160.041	41021.352	48011.660	31.477
32.648	24.378	1.023	
12/10/2016 11:45:00 AM	222300.000	71.040	17.375
160.025	41051.391	48048.695	31.504
32.673	24.360	1.023	
12/10/2016 12:00:00 PM	223200.000	71.031	17.371
160.003	41023.758	48021.523	31.484

32.655	24.376	1.023	
12/10/2016 12:15:00 PM	224100.000	71.030	17.377
160.002	41025.879	48017.152	31.481
32.652	24.375	1.023	
12/10/2016 12:30:00 PM	225000.000	71.014	17.380
159.965	41038.012	48027.969	31.489
32.659	24.368	1.023	
12/10/2016 12:45:00 PM	225900.000	71.004	17.374
159.943	41067.070	48068.359	31.519
32.686	24.350	1.023	
12/10/2016 1:00:00 PM	226800.000	71.001	17.372
159.936	41066.195	48069.594	31.519
32.687	24.351	1.023	
12/10/2016 1:15:00 PM	227700.000	70.986	17.380
159.902	41051.227	48043.898	31.501
32.670	24.360	1.023	
12/10/2016 1:30:00 PM	228600.000	70.977	17.381
159.883	41054.516	48046.445	31.503
32.672	24.358	1.023	
12/10/2016 1:45:00 PM	229500.000	70.971	17.378
159.868	41068.926	48065.934	31.517
32.685	24.349	1.023	
12/10/2016 2:00:00 PM	230400.000	70.960	17.380
159.845	41062.457	48057.043	31.511
32.679	24.353	1.023	
12/10/2016 2:15:00 PM	231300.000	70.955	17.376
159.834	41047.203	48042.859	31.500
32.669	24.362	1.023	
12/10/2016 2:30:00 PM	232200.000	70.945	17.370
159.810	41061.238	48066.043	31.517
32.685	24.354	1.023	
12/10/2016 2:45:00 PM	233100.000	70.946	17.376
159.812	41050.164	48046.605	31.503
32.672	24.360	1.023	
12/10/2016 3:00:00 PM	234000.000	70.938	17.373
159.796	41019.859	48014.500	31.479
32.650	24.378	1.023	
12/10/2016 3:15:00 PM	234900.000	70.928	17.377
159.773	41064.723	48062.988	31.515
32.683	24.352	1.023	
12/10/2016 3:30:00 PM	235800.000	70.923	17.377
159.762	41038.418	48031.637	31.492
32.662	24.367	1.023	
12/10/2016 3:45:00 PM	236700.000	70.919	17.375
159.751	41066.238	48066.074	31.517
32.685	24.351	1.023	
12/10/2016 4:00:00 PM	237600.000	70.929	17.378
159.776	41024.863	48015.305	31.480
32.650	24.375	1.023	
12/10/2016 4:15:00 PM	238500.000	70.916	17.375
159.745	41039.605	48034.992	31.494
32.664	24.367	1.023	
12/10/2016 4:30:00 PM	239400.000	70.914	17.381
159.740	41041.695	48031.066	31.492
32.661	24.365	1.023	

12/10/2016 4:45:00 PM	240300.000	70.920	17.376
159.755	41037.180	48031.031	31.491
32.661	24.368	1.023	
12/10/2016 5:00:00 PM	241200.000	70.917	17.376
159.749	41064.918	48063.688	31.515
32.683	24.352	1.023	
12/10/2016 5:15:00 PM	242100.000	70.929	17.376
159.776	41029.871	48022.574	31.485
32.655	24.372	1.023	
12/10/2016 5:30:00 PM	243000.000	70.925	17.373
159.765	41051.164	48051.145	31.506
32.675	24.360	1.023	
12/10/2016 5:45:00 PM	243900.000	70.929	17.376
159.775	41061.230	48060.117	31.513
32.681	24.354	1.023	
12/10/2016 6:00:00 PM	244800.000	70.931	17.372
159.780	41071.406	48075.402	31.524
32.691	24.348	1.023	
12/10/2016 6:15:00 PM	245700.000	70.945	17.374
159.812	41034.453	48030.184	31.491
32.661	24.370	1.023	
12/10/2016 6:30:00 PM	246600.000	70.945	17.372
159.812	41082.148	48088.453	31.533
32.700	24.341	1.023	
12/10/2016 6:45:00 PM	247500.000	70.945	17.372
159.810	41063.246	48065.762	31.517
32.685	24.353	1.023	
12/10/2016 7:00:00 PM	248400.000	70.956	17.373
159.835	41073.445	48077.145	31.525
32.692	24.347	1.023	
12/10/2016 7:15:00 PM	249300.000	70.954	17.378
159.831	41077.523	48076.563	31.525
32.692	24.344	1.023	
12/10/2016 7:30:00 PM	250200.000	70.963	17.378
159.851	41042.695	48035.988	31.495
32.664	24.365	1.023	
12/10/2016 7:45:00 PM	251100.000	70.969	17.371
159.864	41030.105	48028.578	31.489
32.659	24.372	1.023	
12/10/2016 8:00:00 PM	252000.000	70.972	17.373
159.870	41037.109	48034.504	31.494
32.663	24.368	1.023	
12/10/2016 8:15:00 PM	252900.000	70.976	17.377
159.881	41013.676	48003.242	31.471
32.642	24.382	1.023	
12/10/2016 8:30:00 PM	253800.000	70.975	17.372
159.877	41057.734	48060.160	31.512
32.681	24.356	1.023	
12/10/2016 8:45:00 PM	254700.000	70.989	17.365
159.910	41043.996	48051.484	31.506
32.675	24.364	1.023	
12/10/2016 9:00:00 PM	255600.000	70.990	17.372
159.911	41014.770	48009.676	31.476
32.647	24.381	1.023	
12/10/2016 9:15:00 PM	256500.000	70.994	17.366

159.921	41049.707	48056.391	31.509
32.678	24.361	1.023	
12/10/2016 9:30:00 PM	257400.000	70.994	17.379
159.922	41048.418	48041.844	31.500
32.668	24.361	1.023	
12/10/2016 9:45:00 PM	258300.000	71.002	17.373
159.939	41051.746	48051.637	31.506
32.675	24.359	1.023	
12/10/2016 10:00:00 PM	259200.000	70.999	17.372
159.933	41017.582	48012.500	31.478
32.649	24.380	1.023	
12/10/2016 10:15:00 PM	260100.000	70.995	17.369
159.923	41048.184	48051.879	31.506
32.675	24.362	1.023	
12/10/2016 10:30:00 PM	261000.000	71.003	17.374
159.942	41032.027	48027.535	31.489
32.659	24.371	1.023	
12/10/2016 10:45:00 PM	261900.000	70.997	17.379
159.927	41078.277	48076.313	31.525
32.692	24.344	1.023	
12/10/2016 11:00:00 PM	262800.000	71.000	17.375
159.935	41049.719	48047.305	31.503
32.672	24.361	1.023	
12/10/2016 11:15:00 PM	263700.000	71.000	17.366
159.934	41024.141	48026.836	31.488
32.658	24.376	1.023	
12/10/2016 11:30:00 PM	264600.000	70.989	17.375
159.909	41043.164	48039.258	31.497
32.667	24.365	1.023	
12/10/2016 11:45:00 PM	265500.000	70.988	17.373
159.907	41049.844	48049.328	31.505
32.674	24.361	1.023	
12/11/2016 12:00:00 AM	266400.000	70.984	17.375
159.899	41049.535	48046.715	31.503
32.672	24.361	1.023	
12/11/2016 12:15:00 AM	267300.000	70.991	17.374
159.914	41028.848	48023.621	31.486
32.656	24.373	1.023	
12/11/2016 12:30:00 AM	268200.000	70.984	17.379
159.899	41059.363	48054.363	31.509
32.677	24.355	1.023	
12/11/2016 12:45:00 AM	269100.000	70.978	17.379
159.885	41059.906	48055.000	31.509
32.677	24.355	1.023	
12/11/2016 1:00:00 AM	270000.000	70.971	17.372
159.869	41014.781	48009.977	31.476
32.647	24.381	1.023	
12/11/2016 1:15:00 AM	270900.000	70.977	17.374
159.882	41027.586	48022.523	31.485
32.655	24.374	1.023	
12/11/2016 1:30:00 AM	271800.000	70.965	17.376
159.856	41030.750	48023.602	31.486
32.656	24.372	1.023	
12/11/2016 1:45:00 AM	272700.000	70.963	17.374
159.850	41055.484	48055.258	31.509

32.678	24.357	1.023	
12/11/2016 2:00:00 AM	273600.000	70.971	17.377
159.870	41058.816	48055.234	31.509
32.678	24.355	1.023	
12/11/2016 2:15:00 AM	274500.000	70.963	17.370
159.850	41018.316	48015.883	31.480
32.651	24.379	1.023	
12/11/2016 2:30:00 AM	275400.000	70.961	17.372
159.846	41078.441	48083.547	31.530
32.697	24.344	1.023	
12/11/2016 2:45:00 AM	276300.000	70.963	17.382
159.851	41070.785	48064.367	31.516
32.684	24.348	1.023	
12/11/2016 3:00:00 AM	277200.000	70.963	17.371
159.851	41077.273	48084.246	31.530
32.697	24.344	1.023	
12/11/2016 3:15:00 AM	278100.000	70.967	17.368
159.860	41040.469	48044.074	31.501
32.670	24.366	1.023	
12/11/2016 3:30:00 AM	279000.000	70.968	17.370
159.862	41082.203	48090.102	31.534
32.701	24.341	1.023	
12/11/2016 3:45:00 AM	279900.000	70.969	17.377
159.865	41033.031	48025.332	31.487
32.657	24.371	1.023	
12/11/2016 4:00:00 AM	280800.000	70.976	17.375
159.881	41047.754	48045.008	31.502
32.671	24.362	1.023	
12/11/2016 4:15:00 AM	281700.000	70.978	17.381
159.885	41036.305	48025.402	31.488
32.657	24.369	1.023	
12/11/2016 4:30:00 AM	282600.000	70.991	17.376
159.914	41039.934	48035.191	31.494
32.664	24.367	1.023	
12/11/2016 4:45:00 AM	283500.000	70.988	17.378
159.908	41053.465	48048.406	31.504
32.673	24.358	1.023	
12/11/2016 5:00:00 AM	284400.000	71.001	17.377
159.937	41093.082	48095.336	31.539
32.705	24.335	1.023	
12/11/2016 5:15:00 AM	285300.000	71.004	17.379
159.943	41015.461	48002.527	31.471
32.642	24.381	1.023	
12/11/2016 5:30:00 AM	286200.000	71.019	17.366
159.977	41051.680	48058.891	31.511
32.680	24.360	1.023	
12/11/2016 5:45:00 AM	287100.000	71.016	17.375
159.971	41038.402	48034.340	31.494
32.663	24.367	1.023	
12/11/2016 6:00:00 AM	288000.000	71.030	17.377
160.003	41069.059	48068.066	31.519
32.686	24.349	1.023	
12/11/2016 6:15:00 AM	288900.000	71.048	17.368
160.043	41025.668	48026.371	31.488
32.658	24.375	1.023	

12/11/2016 6:30:00 AM	289800.000	71.056	17.376
160.060	41075.160	48075.961	31.524
32.692	24.346	1.023	
12/11/2016 6:45:00 AM	290700.000	71.065	17.379
160.081	41029.496	48019.695	31.483
32.653	24.373	1.023	
12/11/2016 7:00:00 AM	291600.000	71.072	17.376
160.096	41061.914	48060.457	31.513
32.681	24.353	1.023	
12/11/2016 7:15:00 AM	292500.000	71.080	17.374
160.114	41064.887	48066.371	31.517
32.685	24.352	1.023	
12/11/2016 7:30:00 AM	293400.000	71.083	17.377
160.122	41043.738	48038.242	31.497
32.666	24.364	1.023	
12/11/2016 7:45:00 AM	294300.000	71.110	17.375
160.182	41032.426	48026.879	31.488
32.658	24.371	1.023	
12/11/2016 8:00:00 AM	295200.000	71.117	17.373
160.199	41015.516	48009.703	31.476
32.647	24.381	1.023	
12/11/2016 8:15:00 AM	296100.000	71.119	17.373
160.202	41018.977	48013.094	31.478
32.649	24.379	1.023	
12/11/2016 8:30:00 AM	297000.000	71.126	17.373
160.219	41042.234	48040.691	31.498
32.668	24.365	1.023	
12/11/2016 8:45:00 AM	297900.000	71.139	17.375
160.247	41034.941	48030.199	31.491
32.661	24.369	1.023	
12/11/2016 9:00:00 AM	298800.000	71.137	17.377
160.243	41034.609	48027.559	31.489
32.659	24.370	1.023	
12/11/2016 9:15:00 AM	299700.000	71.146	17.374
160.263	41068.813	48070.680	31.520
32.688	24.349	1.023	
12/11/2016 9:30:00 AM	300600.000	71.147	17.370
160.265	41080.531	48088.711	31.533
32.700	24.342	1.023	
12/11/2016 9:45:00 AM	301500.000	71.148	17.368
160.268	41045.039	48048.852	31.504
32.673	24.363	1.023	
12/11/2016 10:00:00 AM	302400.000	71.149	17.376
160.270	41031.953	48025.848	31.488
32.658	24.371	1.023	
12/11/2016 10:15:00 AM	303300.000	71.149	17.371
160.270	41039.902	48040.422	31.498
32.667	24.367	1.023	
12/11/2016 10:30:00 AM	304200.000	71.148	17.372
160.267	41049.605	48050.551	31.505
32.674	24.361	1.023	
12/11/2016 10:45:00 AM	305100.000	71.144	17.370
160.259	41081.461	48090.176	31.534
32.701	24.342	1.023	
12/11/2016 11:00:00 AM	306000.000	71.148	17.371

160.269	41063.930	48067.684	31.518
32.686	24.352	1.023	
12/11/2016 11:15:00 AM	306900.000	71.129	17.364
160.225	41037.336	48044.441	31.501
32.670	24.368	1.023	
12/11/2016 11:30:00 AM	307800.000	71.126	17.376
160.219	41053.738	48050.320	31.506
32.674	24.358	1.023	
12/11/2016 11:45:00 AM	308700.000	71.116	17.372
160.196	41027.297	48023.684	31.486
32.656	24.374	1.023	
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160.189	41063.070	48061.055	31.513
32.682	24.353	1.023	
12/11/2016 12:15:00 PM	310500.000	71.099	17.375
160.158	41028.504	48022.844	31.485
32.656	24.373	1.023	
12/11/2016 12:30:00 PM	311400.000	71.086	17.375
160.128	41039.352	48035.359	31.495
32.664	24.367	1.023	
12/11/2016 12:45:00 PM	312300.000	71.087	17.373
160.131	41048.066	48046.953	31.503
32.672	24.362	1.023	
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160.094	41050.418	48056.004	31.509
32.678	24.360	1.023	
12/11/2016 1:15:00 PM	314100.000	71.061	17.374
160.071	41067.898	48069.328	31.519
32.687	24.350	1.023	
12/11/2016 1:30:00 PM	315000.000	71.038	17.375
160.021	41042.910	48039.707	31.498
32.667	24.365	1.023	
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32.674	24.361	1.023	
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159.981	41045.352	48047.070	31.503
32.672	24.363	1.023	
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159.937	41043.621	48046.266	31.502
32.671	24.364	1.023	
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159.927	41070.504	48073.324	31.522
32.690	24.348	1.023	
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159.899	41056.887	48058.883	31.512
32.680	24.356	1.023	
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159.846	41043.160	48040.375	31.498
32.667	24.365	1.023	
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32.673	24.359	1.023	
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159.836	41086.543	48085.230	31.531

32.698	24.339	1.023	
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159.820	41063.883	48064.629	31.516
32.684	24.352	1.023	
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159.818	41064.422	48063.109	31.515
32.683	24.352	1.023	
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159.785	41066.695	48065.578	31.517
32.685	24.351	1.023	
12/11/2016 4:30:00 PM	325800.000	70.934	17.382
159.786	41061.711	48054.031	31.509
32.677	24.354	1.023	
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159.772	41068.023	48064.125	31.516
32.684	24.350	1.023	
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159.752	41067.313	48068.645	31.519
32.687	24.350	1.023	
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159.755	41086.438	48080.516	31.528
32.695	24.339	1.023	
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159.767	41025.961	48023.434	31.486
32.656	24.375	1.023	
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159.759	41028.434	48029.984	31.490
32.660	24.373	1.023	
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159.753	41074.313	48074.590	31.523
32.691	24.346	1.023	
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159.759	41001.602	47986.305	31.459
32.631	24.389	1.023	
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159.753	41060.996	48055.160	31.509
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159.798	41026.152	48028.160	31.489
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159.800	41056.000	48055.863	31.509
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32.657	24.373	1.023	
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32.678 24.358 1.023
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159.900 41058.504 48058.332 31.511
32.680 24.355 1.023
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32.672 24.359 1.023
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32.701 24.341 1.023
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32.669 24.363 1.023
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32.689 24.351 1.023
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32.696 24.348 1.023
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32.672 24.360 1.023
12/12/2016 12:45:00 AM 355500.000 71.017 17.368

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32.685	24.351	1.023	
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159.973	41053.406	48044.504	31.502
32.670	24.359	1.023	
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32.677	24.356	1.023	
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32.684	24.354	1.023	
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32.644	24.383	1.023	
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32.647	24.378	1.023	
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32.698	24.345	1.023	
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32.676	24.357	1.023	
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159.933	41050.961	48048.195	31.504
32.673	24.360	1.023	
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32.682	24.353	1.023	
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159.936	41040.832	48034.840	31.494
32.664	24.366	1.023	
12/12/2016 4:00:00 AM	367200.000	71.012	17.372
159.961	41070.531	48074.570	31.523
32.691	24.348	1.023	
12/12/2016 4:15:00 AM	368100.000	71.004	17.379
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32.656	24.371	1.023	
12/12/2016 4:30:00 AM	369000.000	71.013	17.371
159.963	41021.012	48017.742	31.481
32.652	24.378	1.023	
12/12/2016 4:45:00 AM	369900.000	71.019	17.371
159.977	41097.793	48107.703	31.547
32.713	24.332	1.023	
12/12/2016 5:00:00 AM	370800.000	71.021	17.376
159.983	41054.969	48052.230	31.507
32.676	24.358	1.023	
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159.994	41077.945	48080.344	31.527

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32.659	24.370	1.023	
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32.674	24.358	1.023	
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160.056	41038.289	48040.297	31.498
32.667	24.367	1.023	
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160.072	41052.398	48042.746	31.500
32.669	24.359	1.023	
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32.656	24.371	1.023	
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160.132	41044.113	48039.055	31.497
32.667	24.364	1.023	
12/12/2016 7:00:00 AM	378000.000	71.098	17.372
160.156	41047.016	48047.707	31.503
32.672	24.362	1.023	
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160.172	41016.859	48009.031	31.475
32.646	24.380	1.023	
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160.202	41029.793	48029.422	31.490
32.660	24.373	1.023	
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32.657	24.374	1.023	
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160.243	41045.824	48041.438	31.499
32.668	24.363	1.023	
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160.265	41042.559	48035.172	31.495
32.664	24.365	1.023	
12/12/2016 8:30:00 AM	383400.000	71.156	17.373
160.286	40988.738	47978.449	31.453
32.625	24.397	1.023	
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160.301	41046.805	48047.746	31.503
32.672	24.362	1.023	
12/12/2016 9:00:00 AM	385200.000	71.176	17.368
160.331	41054.844	48060.715	31.513
32.681	24.358	1.023	
12/12/2016 9:15:00 AM	386100.000	71.184	17.365
160.348	41061.398	48072.145	31.521
32.689	24.354	1.023	
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160.362	41036.770	48036.566	31.495
32.665	24.368	1.023	
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160.375	41041.590	48038.625	31.497
32.666	24.366	1.023	

12/12/2016 10:00:00 AM	388800.000	71.205	17.372
160.396	41067.465	48071.355	31.521
32.689	24.350	1.023	
12/12/2016 10:15:00 AM	389700.000	71.206	17.375
160.399	41081.895	48085.336	31.531
32.698	24.342	1.023	
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160.410	41019.164	48014.633	31.479
32.650	24.379	1.023	
12/12/2016 10:45:00 AM	391500.000	71.204	17.368
160.393	41050.691	48056.133	31.509
32.678	24.360	1.023	
12/12/2016 11:00:00 AM	392400.000	71.206	17.373
160.399	41038.621	48035.816	31.495
32.664	24.367	1.023	
12/12/2016 11:15:00 AM	393300.000	71.206	17.371
160.399	41060.281	48063.902	31.515
32.683	24.354	1.023	
12/12/2016 11:30:00 AM	394200.000	71.202	17.367
160.389	41031.164	48033.563	31.493
32.663	24.372	1.023	
12/12/2016 11:45:00 AM	395100.000	71.193	17.371
160.370	41053.195	48055.688	31.509
32.678	24.359	1.023	
12/12/2016 12:00:00 PM	396000.000	71.193	17.369
160.368	41049.492	48053.043	31.507
32.676	24.361	1.023	
12/12/2016 12:15:00 PM	396900.000	71.181	17.368
160.341	41034.492	48036.414	31.495
32.665	24.370	1.023	
12/12/2016 12:30:00 PM	397800.000	71.174	17.367
160.327	41045.328	48051.078	31.506
32.675	24.363	1.023	
12/12/2016 12:45:00 PM	398700.000	71.161	17.366
160.296	41053.922	48061.891	31.513
32.682	24.358	1.023	
12/12/2016 1:00:00 PM	399600.000	71.148	17.372
160.268	41053.254	48054.066	31.508
32.677	24.359	1.023	
12/12/2016 1:15:00 PM	400500.000	71.135	17.372
160.238	41053.711	48054.691	31.509
32.677	24.358	1.023	
12/12/2016 1:30:00 PM	401400.000	71.117	17.381
160.197	41054.070	48046.008	31.503
32.671	24.358	1.023	
12/12/2016 1:45:00 PM	402300.000	71.109	17.376
160.181	41099.563	48104.980	31.545
32.711	24.331	1.023	
12/12/2016 2:00:00 PM	403200.000	71.098	17.376
160.156	41067.422	48066.902	31.518
32.685	24.350	1.023	
12/12/2016 2:15:00 PM	404100.000	71.088	17.367
160.133	41033.840	48037.727	31.496
32.666	24.370	1.023	
12/12/2016 2:30:00 PM	405000.000	71.069	17.371

160.091	41025.910	48023.180	31.485
32.656	24.375	1.023	
12/12/2016 2:45:00 PM	405900.000	71.053	17.378
160.054	41071.188	48069.613	31.520
32.687	24.348	1.023	
12/12/2016 3:00:00 PM	406800.000	71.038	17.380
160.021	41034.738	48023.867	31.486
32.656	24.370	1.023	
12/12/2016 3:15:00 PM	407700.000	71.024	17.372
159.987	41055.484	48057.430	31.510
32.679	24.357	1.023	
12/12/2016 3:30:00 PM	408600.000	71.017	17.376
159.973	41064.375	48063.430	31.515
32.683	24.352	1.023	
12/12/2016 3:45:00 PM	409500.000	71.001	17.371
159.936	41057.305	48059.852	31.512
32.681	24.356	1.023	
12/12/2016 4:00:00 PM	410400.000	70.988	17.376
159.906	41057.176	48055.098	31.509
32.677	24.356	1.023	
12/12/2016 4:15:00 PM	411300.000	70.977	17.375
159.883	41006.785	47996.578	31.466
32.638	24.386	1.023	
12/12/2016 4:30:00 PM	412200.000	70.970	17.376
159.867	41045.414	48041.418	31.499
32.668	24.363	1.023	
12/12/2016 4:45:00 PM	413100.000	70.964	17.374
159.853	40990.758	47978.852	31.453
32.626	24.396	1.023	
12/12/2016 5:00:00 PM	414000.000	70.947	17.373
159.815	41022.555	48017.281	31.481
32.652	24.377	1.023	
12/12/2016 5:15:00 PM	414900.000	70.946	17.374
159.813	41048.688	48046.844	31.503
32.672	24.361	1.023	
12/12/2016 5:30:00 PM	415800.000	70.945	17.367
159.812	41049.301	48055.152	31.509
32.678	24.361	1.023	
12/12/2016 5:45:00 PM	416700.000	70.934	17.368
159.785	41033.363	48035.570	31.494
32.664	24.370	1.023	
12/12/2016 6:00:00 PM	417600.000	70.930	17.371
159.777	41026.156	48023.957	31.486
32.656	24.375	1.023	
12/12/2016 6:15:00 PM	418500.000	70.930	17.366
159.777	41027.711	48031.293	31.491
32.661	24.374	1.023	
12/12/2016 6:30:00 PM	419400.000	70.938	17.377
159.795	41053.797	48050.203	31.506
32.674	24.358	1.023	
12/12/2016 6:45:00 PM	420300.000	70.930	17.374
159.777	41043.828	48041.805	31.499
32.668	24.364	1.023	
12/12/2016 7:00:00 PM	421200.000	70.938	17.376
159.795	41026.395	48019.070	31.483

32.653	24.375	1.023	
12/12/2016 7:15:00 PM	422100.000	70.939	17.379
159.796	41058.477	48052.680	31.507
32.676	24.356	1.023	
12/12/2016 7:30:00 PM	423000.000	70.939	17.371
159.798	41040.133	48039.828	31.498
32.667	24.366	1.023	
12/12/2016 7:45:00 PM	423900.000	70.949	17.371
159.820	41042.395	48042.586	31.500
32.669	24.365	1.023	
12/12/2016 8:00:00 PM	424800.000	70.948	17.381
159.817	41054.070	48046.301	31.503
32.671	24.358	1.023	
12/12/2016 8:15:00 PM	425700.000	70.961	17.377
159.846	41070.063	48068.395	31.519
32.687	24.349	1.023	
12/12/2016 8:30:00 PM	426600.000	70.963	17.366
159.851	41048.156	48054.855	31.508
32.677	24.362	1.023	
12/12/2016 8:45:00 PM	427500.000	70.976	17.369
159.881	40999.277	47994.922	31.465
32.637	24.391	1.023	
12/12/2016 9:00:00 PM	428400.000	70.991	17.367
159.914	41075.750	48086.691	31.532
32.699	24.345	1.023	
12/12/2016 9:15:00 PM	429300.000	70.987	17.376
159.906	41083.434	48085.078	31.531
32.698	24.341	1.023	
12/12/2016 9:30:00 PM	430200.000	71.000	17.365
159.934	41072.750	48085.055	31.530
32.698	24.347	1.023	
12/12/2016 9:45:00 PM	431100.000	70.998	17.373
159.930	41054.598	48055.270	31.509
32.678	24.358	1.023	
12/12/2016 10:00:00 PM	432000.000	71.012	17.376
159.961	41066.406	48065.527	31.517
32.685	24.351	1.023	
12/12/2016 10:15:00 PM	432900.000	71.009	17.369
159.955	41065.492	48072.438	31.521
32.689	24.351	1.023	
12/12/2016 10:30:00 PM	433800.000	71.024	17.366
159.987	41073.074	48084.594	31.530
32.698	24.347	1.023	
12/12/2016 10:45:00 PM	434700.000	71.030	17.377
160.002	41042.242	48036.305	31.495
32.665	24.365	1.023	
12/12/2016 11:00:00 PM	435600.000	71.027	17.370
159.995	41086.234	48095.305	31.538
32.705	24.339	1.023	
12/12/2016 11:15:00 PM	436500.000	71.038	17.373
160.021	41054.398	48055.219	31.509
32.678	24.358	1.023	
12/12/2016 11:30:00 PM	437400.000	71.046	17.374
160.038	41033.844	48029.281	31.490
32.660	24.370	1.023	

12/12/2016 11:45:00 PM 438300.000 71.038 17.372
160.021 41036.711 48034.984 31.494
32.664 24.368 1.023
12/13/2016 12:00:00 AM 439200.000 71.050 17.376
160.048 41059.852 48057.664 31.511
32.679 24.355 1.023
12/13/2016 12:15:00 AM 440100.000 71.044 17.374
160.034 41019.340 48012.684 31.478
32.649 24.379 1.023
12/13/2016 12:30:00 AM 441000.000 71.053 17.368
160.054 41030.445 48031.965 31.492
32.662 24.372 1.023
12/13/2016 12:45:00 AM 441900.000 71.059 17.374
160.066 41051.648 48050.398 31.505
32.674 24.360 1.023
12/13/2016 1:00:00 AM 442800.000 71.047 17.374
160.040 41043.426 48040.496 31.498
32.668 24.364 1.023
12/13/2016 1:15:00 AM 443700.000 71.046 17.374
160.038 41054.613 48054.063 31.508
32.677 24.358 1.023
12/13/2016 1:30:00 AM 444600.000 71.046 17.369
160.037 41042.551 48045.012 31.501
32.671 24.365 1.023
12/13/2016 1:45:00 AM 445500.000 71.047 17.374
160.039 41048.574 48046.902 31.503
32.672 24.361 1.023
12/13/2016 2:00:00 AM 446400.000 71.046 17.374
160.038 41043.395 48040.551 31.498
32.668 24.364 1.023
12/13/2016 2:15:00 AM 447300.000 71.038 17.372
160.021 41047.504 48047.992 31.504
32.673 24.362 1.023
12/13/2016 2:30:00 AM 448200.000 71.038 17.371
160.021 41051.418 48053.148 31.507
32.676 24.360 1.023
12/13/2016 2:45:00 AM 449100.000 71.024 17.372
159.988 41053.242 48054.141 31.508
32.677 24.359 1.023
12/13/2016 3:00:00 AM 450000.000 71.035 17.374
160.012 41076.406 48079.668 31.527
32.694 24.345 1.023
12/13/2016 3:15:00 AM 450900.000 71.035 17.379
160.012 41050.961 48044.820 31.502
32.670 24.360 1.023
12/13/2016 3:30:00 AM 451800.000 71.040 17.373
160.025 41027.980 48024.199 31.486
32.656 24.374 1.023
12/13/2016 3:45:00 AM 452700.000 71.033 17.369
160.008 41041.438 48044.277 31.501
32.670 24.366 1.023
12/13/2016 4:00:00 AM 453600.000 71.035 17.382
160.013 41065.621 48058.223 31.512
32.680 24.351 1.023
12/13/2016 4:15:00 AM 454500.000 71.037 17.370

160.019	41054.785	48058.867	31.511
32.680	24.358	1.023	
12/13/2016 4:30:00 AM	455400.000	71.042	17.371
160.029	41066.281	48070.359	31.520
32.688	24.351	1.023	
12/13/2016 4:45:00 AM	456300.000	71.037	17.376
160.018	41077.039	48078.621	31.526
32.693	24.345	1.023	
12/13/2016 5:00:00 AM	457200.000	71.033	17.378
160.008	41054.598	48050.105	31.505
32.674	24.358	1.023	
12/13/2016 5:15:00 AM	458100.000	71.046	17.373
160.038	41069.148	48072.008	31.521
32.689	24.349	1.023	
12/13/2016 5:30:00 AM	459000.000	71.051	17.370
160.050	41035.668	48035.629	31.494
32.664	24.369	1.023	
12/13/2016 5:45:00 AM	459900.000	71.047	17.374
160.041	41057.078	48056.387	31.510
32.678	24.356	1.023	
12/13/2016 6:00:00 AM	460800.000	71.056	17.370
160.060	41058.652	48062.535	31.514
32.683	24.355	1.023	
12/13/2016 6:15:00 AM	461700.000	71.070	17.374
160.092	41040.629	48037.691	31.496
32.666	24.366	1.023	
12/13/2016 6:30:00 AM	462600.000	71.075	17.375
160.102	41062.016	48061.324	31.514
32.682	24.353	1.023	
12/13/2016 6:45:00 AM	463500.000	71.083	17.380
160.121	41052.066	48044.609	31.502
32.670	24.359	1.023	
12/13/2016 7:00:00 AM	464400.000	71.090	17.376
160.137	41045.387	48041.480	31.499
32.668	24.363	1.023	
12/13/2016 7:15:00 AM	465300.000	71.110	17.372
160.183	41069.156	48073.336	31.522
32.690	24.349	1.023	
12/13/2016 7:30:00 AM	466200.000	71.112	17.372
160.187	41045.039	48044.730	31.501
32.670	24.363	1.023	
12/13/2016 7:45:00 AM	467100.000	71.133	17.369
160.233	41044.367	48046.852	31.503
32.672	24.364	1.023	
12/13/2016 8:00:00 AM	468000.000	71.137	17.370
160.243	41064.488	48069.934	31.520
32.688	24.352	1.023	
12/13/2016 8:15:00 AM	468900.000	71.148	17.373
160.267	41046.414	48045.773	31.502
32.671	24.363	1.023	
12/13/2016 8:30:00 AM	469800.000	71.156	17.378
160.286	41043.164	48036.445	31.496
32.665	24.365	1.023	
12/13/2016 8:45:00 AM	470700.000	71.170	17.367
160.316	41066.906	48075.492	31.523

32.691	24.351	1.023	
12/13/2016 9:00:00 AM	471600.000	71.179	17.371
160.338	41053.027	48055.410	31.509
32.678	24.359	1.023	
12/13/2016 9:15:00 AM	472500.000	71.189	17.376
160.360	41039.980	48034.875	31.494
32.664	24.366	1.023	
12/13/2016 9:30:00 AM	473400.000	71.194	17.372
160.372	41051.910	48053.344	31.508
32.676	24.359	1.023	
12/13/2016 9:45:00 AM	474300.000	71.209	17.366
160.404	41030.137	48034.230	31.493
32.663	24.372	1.023	
12/13/2016 10:00:00 AM	475200.000	71.212	17.376
160.412	41054.953	48052.582	31.507
32.676	24.358	1.023	
12/13/2016 10:15:00 AM	476100.000	71.222	17.373
160.434	40988.223	47977.469	31.452
32.625	24.397	1.023	
12/13/2016 10:30:00 AM	477000.000	71.219	17.375
160.428	40995.680	47984.055	31.457
32.629	24.393	1.023	
12/13/2016 10:45:00 AM	477900.000	71.237	17.379
160.469	41039.563	48031.191	31.492
32.661	24.367	1.023	
12/13/2016 11:00:00 AM	478800.000	71.232	17.373
160.457	41026.289	48021.465	31.484
32.655	24.375	1.023	
12/13/2016 11:15:00 AM	479700.000	71.230	17.372
160.453	41072.980	48077.438	31.525
32.693	24.347	1.023	
12/13/2016 11:30:00 AM	480600.000	71.235	17.369
160.465	41057.047	48061.695	31.513
32.682	24.356	1.023	
12/13/2016 11:45:00 AM	481500.000	71.232	17.372
160.457	41064.402	48067.305	31.518
32.686	24.352	1.023	
12/13/2016 12:00:00 PM	482400.000	71.232	17.373
160.457	41035.090	48032.328	31.492
32.662	24.369	1.023	
12/13/2016 12:15:00 PM	483300.000	71.222	17.376
160.435	41051.648	48047.965	31.504
32.673	24.360	1.023	
12/13/2016 12:30:00 PM	484200.000	71.218	17.370
160.426	41028.801	48027.887	31.489
32.659	24.373	1.023	
12/13/2016 12:45:00 PM	485100.000	71.215	17.371
160.420	41037.699	48037.172	31.496
32.665	24.368	1.023	
12/13/2016 1:00:00 PM	486000.000	71.213	17.378
160.414	41042.406	48034.992	31.494
32.664	24.365	1.023	
12/13/2016 1:15:00 PM	486900.000	71.189	17.372
160.359	41041.832	48040.977	31.498
32.668	24.365	1.023	

12/13/2016 1:30:00 PM	487800.000	71.183	17.370
160.346	41054.285	48057.797	31.511
32.679	24.358	1.023	
12/13/2016 1:45:00 PM	488700.000	71.174	17.372
160.326	41072.965	48077.703	31.525
32.693	24.347	1.023	
12/13/2016 2:00:00 PM	489600.000	71.155	17.373
160.284	41071.723	48074.645	31.523
32.691	24.348	1.023	
12/13/2016 2:15:00 PM	490500.000	71.148	17.375
160.269	41043.969	48040.477	31.498
32.668	24.364	1.023	
12/13/2016 2:30:00 PM	491400.000	71.128	17.376
160.223	41036.957	48031.336	31.492
32.661	24.368	1.023	
12/13/2016 2:45:00 PM	492300.000	71.111	17.372
160.184	41030.738	48028.465	31.489
32.659	24.372	1.023	
12/13/2016 3:00:00 PM	493200.000	71.091	17.373
160.138	41043.828	48042.844	31.500
32.669	24.364	1.023	
12/13/2016 3:15:00 PM	494100.000	71.078	17.375
160.111	41034.625	48029.266	31.490
32.660	24.370	1.023	
12/13/2016 3:30:00 PM	495000.000	71.070	17.376
160.092	41065.035	48064.297	31.516
32.684	24.352	1.023	
12/13/2016 3:45:00 PM	495900.000	71.051	17.371
160.050	41076.266	48082.422	31.529
32.696	24.345	1.023	
12/13/2016 4:00:00 PM	496800.000	71.033	17.369
160.008	41048.230	48051.473	31.506
32.675	24.362	1.023	
12/13/2016 4:15:00 PM	497700.000	71.018	17.379
159.976	41031.301	48020.875	31.484
32.654	24.372	1.023	
12/13/2016 4:30:00 PM	498600.000	71.009	17.375
159.955	41061.398	48060.688	31.513
32.681	24.354	1.023	
12/13/2016 4:45:00 PM	499500.000	70.994	17.372
159.921	41017.371	48012.914	31.478
32.649	24.380	1.023	
12/13/2016 5:00:00 PM	500400.000	70.986	17.377
159.902	41049.961	48045.336	31.502
32.671	24.361	1.023	
12/13/2016 5:15:00 PM	501300.000	70.972	17.371
159.872	41034.828	48034.105	31.493
32.663	24.370	1.023	
12/13/2016 5:30:00 PM	502200.000	70.959	17.373
159.842	41093.637	48100.859	31.542
32.709	24.335	1.023	
12/13/2016 5:45:00 PM	503100.000	70.954	17.377
159.830	41064.977	48063.008	31.515
32.683	24.352	1.023	
12/13/2016 6:00:00 PM	504000.000	70.948	17.377

159.818	41077.102	48077.012	31.525
32.692	24.344	1.023	
12/13/2016 6:15:00 PM	504900.000	70.943	17.377
159.806	41055.285	48051.191	31.506
32.675	24.357	1.023	
12/13/2016 6:30:00 PM	505800.000	70.938	17.375
159.795	41049.117	48046.973	31.503
32.672	24.361	1.023	
12/13/2016 6:45:00 PM	506700.000	70.931	17.371
159.780	41025.125	48022.938	31.485
32.656	24.375	1.023	
12/13/2016 7:00:00 PM	507600.000	70.933	17.373
159.783	41052.680	48052.918	31.507
32.676	24.359	1.023	
12/13/2016 7:15:00 PM	508500.000	70.931	17.367
159.778	41035.555	48039.059	31.497
32.667	24.369	1.023	
12/13/2016 7:30:00 PM	509400.000	70.930	17.365
159.776	41067.434	48078.176	31.525
32.693	24.350	1.023	
12/13/2016 7:45:00 PM	510300.000	70.937	17.372
159.792	41056.758	48058.637	31.511
32.680	24.357	1.023	
12/13/2016 8:00:00 PM	511200.000	70.931	17.377
159.780	41042.621	48036.656	31.496
32.665	24.365	1.023	
12/13/2016 8:15:00 PM	512100.000	70.934	17.379
159.785	41039.504	48031.410	31.492
32.661	24.367	1.023	
12/13/2016 8:30:00 PM	513000.000	70.943	17.377
159.806	41035.789	48029.125	31.490
32.660	24.369	1.023	
12/13/2016 8:45:00 PM	513900.000	70.948	17.377
159.817	41056.273	48053.102	31.508
32.676	24.357	1.023	
12/13/2016 9:00:00 PM	514800.000	70.956	17.369
159.835	41022.035	48020.996	31.484
32.654	24.377	1.023	
12/13/2016 9:15:00 PM	515700.000	70.967	17.369
159.860	41049.133	48052.527	31.507
32.676	24.361	1.023	
12/13/2016 9:30:00 PM	516600.000	70.972	17.372
159.870	41032.605	48030.176	31.491
32.661	24.371	1.023	
12/13/2016 9:45:00 PM	517500.000	70.978	17.374
159.885	41043.953	48041.301	31.499
32.668	24.364	1.023	
12/13/2016 10:00:00 PM	518400.000	70.979	17.372
159.887	41028.945	48026.559	31.488
32.658	24.373	1.023	
12/13/2016 10:15:00 PM	519300.000	70.994	17.380
159.921	41060.621	48054.051	31.509
32.677	24.354	1.023	
12/13/2016 10:30:00 PM	520200.000	70.995	17.372
159.924	41027.645	48024.277	31.486

32.657	24.374	1.023	
12/13/2016 10:45:00 PM	521100.000	71.004	17.376
159.943	41034.551	48028.051	31.489
32.659	24.370	1.023	
12/13/2016 11:00:00 PM	522000.000	71.011	17.379
159.959	41055.371	48049.504	31.505
32.674	24.357	1.023	
12/13/2016 11:15:00 PM	522900.000	71.030	17.374
160.001	41052.125	48050.680	31.506
32.674	24.359	1.023	
12/13/2016 11:30:00 PM	523800.000	71.027	17.371
159.994	41031.043	48029.379	31.490
32.660	24.372	1.023	
12/13/2016 11:45:00 PM	524700.000	71.038	17.374
160.021	41083.430	48087.887	31.533
32.700	24.341	1.023	
12/14/2016 12:00:00 AM	525600.000	71.046	17.374
160.037	41057.563	48057.422	31.511
32.679	24.356	1.023	
12/14/2016 12:15:00 AM	526500.000	71.047	17.367
160.041	41033.434	48036.578	31.495
32.665	24.370	1.023	
12/14/2016 12:30:00 AM	527400.000	71.055	17.368
160.057	41048.828	48053.484	31.507
32.676	24.361	1.023	
12/14/2016 12:45:00 AM	528300.000	71.063	17.364
160.077	41050.000	48059.734	31.512
32.681	24.361	1.023	
12/14/2016 1:00:00 AM	529200.000	71.069	17.370
160.090	41051.379	48054.504	31.508
32.677	24.360	1.023	
12/14/2016 1:15:00 AM	530100.000	71.056	17.369
160.061	41024.148	48023.375	31.485
32.656	24.376	1.023	
12/14/2016 1:30:00 AM	531000.000	71.069	17.375
160.091	41046.000	48043.324	31.500
32.669	24.363	1.023	
12/14/2016 1:45:00 AM	531900.000	71.071	17.369
160.094	41062.488	48069.000	31.519
32.687	24.353	1.023	
12/14/2016 2:00:00 AM	532800.000	71.065	17.371
160.080	41070.469	48076.203	31.524
32.692	24.348	1.023	
12/14/2016 2:15:00 AM	533700.000	71.076	17.364
160.105	41042.082	48050.367	31.505
32.674	24.365	1.023	
12/14/2016 2:30:00 AM	534600.000	71.069	17.366
160.091	41058.391	48067.211	31.517
32.686	24.356	1.023	
12/14/2016 2:45:00 AM	535500.000	71.065	17.374
160.081	41019.035	48012.328	31.478
32.648	24.379	1.023	
12/14/2016 3:00:00 AM	536400.000	71.062	17.375
160.073	41029.660	48023.352	31.486
32.656	24.373	1.023	

12/14/2016 3:15:00 AM	537300.000	71.066	17.368
160.084	41052.914	48058.070	31.511
32.679	24.359	1.023	
12/14/2016 3:30:00 AM	538200.000	71.061	17.372
160.072	41067.090	48070.828	31.520
32.688	24.350	1.023	
12/14/2016 3:45:00 AM	539100.000	71.063	17.379
160.076	41079.461	48077.699	31.526
32.693	24.343	1.023	
12/14/2016 4:00:00 AM	540000.000	71.062	17.374
160.074	41032.875	48028.238	31.489
32.659	24.371	1.023	
12/14/2016 4:15:00 AM	540900.000	71.063	17.371
160.077	41041.094	48041.520	31.499
32.668	24.366	1.023	
12/14/2016 4:30:00 AM	541800.000	71.062	17.375
160.073	41039.777	48035.762	31.495
32.664	24.367	1.023	
12/14/2016 4:45:00 AM	542700.000	71.062	17.374
160.074	41037.289	48033.961	31.493
32.663	24.368	1.023	
12/14/2016 5:00:00 AM	543600.000	71.063	17.378
160.076	41038.266	48030.527	31.491
32.661	24.368	1.023	
12/14/2016 5:15:00 AM	544500.000	71.062	17.376
160.073	41059.738	48057.723	31.511
32.679	24.355	1.023	
12/14/2016 5:30:00 AM	545400.000	71.066	17.373
160.084	41066.977	48069.277	31.519
32.687	24.350	1.023	
12/14/2016 5:45:00 AM	546300.000	71.071	17.374
160.094	41054.453	48053.684	31.508
32.677	24.358	1.023	
12/14/2016 6:00:00 AM	547200.000	71.062	17.377
160.073	41072.391	48071.688	31.521
32.689	24.347	1.023	
12/14/2016 6:15:00 AM	548100.000	71.072	17.376
160.097	41084.109	48086.805	31.532
32.699	24.340	1.023	
12/14/2016 6:30:00 AM	549000.000	71.079	17.372
160.112	41042.480	48041.832	31.499
32.668	24.365	1.023	
12/14/2016 6:45:00 AM	549900.000	71.086	17.376
160.128	41048.078	48044.723	31.501
32.670	24.362	1.023	
12/14/2016 7:00:00 AM	550800.000	71.091	17.372
160.139	41041.125	48039.867	31.498
32.667	24.366	1.023	
12/14/2016 7:15:00 AM	551700.000	71.105	17.378
160.172	41060.465	48056.695	31.510
32.679	24.354	1.023	
12/14/2016 7:30:00 AM	552600.000	71.116	17.376
160.195	41071.559	48071.461	31.521
32.689	24.348	1.023	
12/14/2016 7:45:00 AM	553500.000	71.123	17.380

160.210	41059.305	48052.996	31.508
32.676	24.355	1.023	
12/14/2016 8:00:00 AM	554400.000	71.134	17.368
160.237	41030.461	48031.695	31.491
32.662	24.372	1.023	
12/14/2016 8:15:00 AM	555300.000	71.136	17.374
160.241	41039.102	48035.527	31.495
32.664	24.367	1.023	
12/14/2016 8:30:00 AM	556200.000	71.149	17.368
160.270	41046.688	48051.445	31.506
32.675	24.363	1.023	
12/14/2016 8:45:00 AM	557100.000	71.163	17.374
160.301	41075.680	48078.250	31.526
32.693	24.345	1.023	
12/14/2016 9:00:00 AM	558000.000	71.174	17.374
160.326	41037.332	48034.117	31.494
32.663	24.368	1.023	
12/14/2016 9:15:00 AM	558900.000	71.178	17.376
160.336	41045.570	48041.516	31.499
32.668	24.363	1.023	
12/14/2016 9:30:00 AM	559800.000	71.193	17.364
160.369	41046.996	48056.215	31.509
32.678	24.362	1.023	
12/14/2016 9:45:00 AM	560700.000	71.200	17.375
160.386	41012.730	48003.727	31.471
32.643	24.383	1.023	
12/14/2016 10:00:00 AM	561600.000	71.215	17.368
160.420	41032.855	48035.254	31.494
32.664	24.371	1.023	
12/14/2016 10:15:00 AM	562500.000	71.216	17.373
160.420	41029.340	48025.328	31.487
32.657	24.373	1.023	
12/14/2016 10:30:00 AM	563400.000	71.228	17.379
160.447	41072.094	48069.262	31.520
32.687	24.347	1.023	
12/14/2016 10:45:00 AM	564300.000	71.235	17.376
160.465	41033.090	48026.152	31.488
32.658	24.371	1.023	
12/14/2016 11:00:00 AM	565200.000	71.245	17.375
160.487	41049.504	48047.055	31.503
32.672	24.361	1.023	
12/14/2016 11:15:00 AM	566100.000	71.245	17.373
160.487	41046.203	48045.148	31.502
32.671	24.363	1.023	
12/14/2016 11:30:00 AM	567000.000	71.250	17.373
160.498	41015.844	48009.719	31.476
32.647	24.381	1.023	
12/14/2016 11:45:00 AM	567900.000	71.255	17.370
160.509	41049.605	48052.047	31.506
32.675	24.361	1.023	
12/14/2016 12:00:00 PM	568800.000	71.274	17.368
160.551	41065.738	48073.180	31.522
32.690	24.351	1.023	
12/14/2016 12:15:00 PM	569700.000	71.266	17.369
160.535	41041.793	48044.027	31.501

32.670	24.365	1.023	
12/14/2016 12:30:00 PM	570600.000	71.257	17.373
160.513	41057.047	48057.574	31.511
32.679	24.356	1.023	
12/14/2016 12:45:00 PM	571500.000	71.258	17.381
160.516	41083.734	48080.184	31.528
32.695	24.341	1.023	
12/14/2016 1:00:00 PM	572400.000	71.250	17.369
160.498	41015.203	48013.375	31.478
32.649	24.381	1.023	
12/14/2016 1:15:00 PM	573300.000	71.238	17.371
160.471	41062.297	48066.070	31.517
32.685	24.353	1.023	
12/14/2016 1:30:00 PM	574200.000	71.237	17.367
160.468	41010.031	48009.477	31.475
32.646	24.384	1.023	
12/14/2016 1:45:00 PM	575100.000	71.227	17.370
160.446	41048.918	48051.434	31.506
32.675	24.361	1.023	
12/14/2016 2:00:00 PM	576000.000	71.218	17.373
160.426	41023.547	48018.551	31.482
32.653	24.376	1.023	
12/14/2016 2:15:00 PM	576900.000	71.204	17.371
160.393	41016.352	48012.746	31.478
32.649	24.381	1.023	
12/14/2016 2:30:00 PM	577800.000	71.186	17.374
160.353	41059.727	48060.414	31.513
32.681	24.355	1.023	
12/14/2016 2:45:00 PM	578700.000	71.181	17.376
160.341	41048.215	48044.043	31.501
32.670	24.362	1.023	
12/14/2016 3:00:00 PM	579600.000	71.165	17.373
160.307	41057.188	48058.301	31.511
32.680	24.356	1.023	
12/14/2016 3:15:00 PM	580500.000	71.148	17.381
160.268	41078.805	48074.785	31.524
32.691	24.343	1.023	
12/14/2016 3:30:00 PM	581400.000	71.126	17.375
160.219	41039.504	48035.441	31.495
32.664	24.367	1.023	
12/14/2016 3:45:00 PM	582300.000	71.112	17.369
160.187	41060.898	48066.949	31.517
32.686	24.354	1.023	
12/14/2016 4:00:00 PM	583200.000	71.102	17.367
160.165	41033.109	48036.773	31.495
32.665	24.371	1.023	
12/14/2016 4:15:00 PM	584100.000	71.083	17.374
160.122	41043.066	48040.723	31.498
32.668	24.365	1.023	
12/14/2016 4:30:00 PM	585000.000	71.067	17.367
160.085	41045.715	48050.594	31.505
32.674	24.363	1.023	
12/14/2016 4:45:00 PM	585900.000	71.060	17.376
160.069	41009.887	47999.465	31.468
32.640	24.384	1.023	

12/14/2016 5:00:00 PM	586800.000	71.036	17.370
160.014	40999.516	47993.605	31.464
32.636	24.391	1.023	
12/14/2016 5:15:00 PM	587700.000	71.027	17.371
159.995	41058.664	48062.090	31.514
32.682	24.355	1.023	
12/14/2016 5:30:00 PM	588600.000	71.011	17.376
159.959	41050.895	48047.273	31.503
32.672	24.360	1.023	
12/14/2016 5:45:00 PM	589500.000	71.003	17.368
159.942	41069.449	48078.188	31.525
32.693	24.349	1.023	
12/14/2016 6:00:00 PM	590400.000	70.985	17.370
159.900	41064.430	48069.672	31.519
32.687	24.352	1.023	
12/14/2016 6:15:00 PM	591300.000	70.985	17.375
159.901	41015.121	48006.438	31.473
32.644	24.381	1.023	
12/14/2016 6:30:00 PM	592200.000	70.967	17.379
159.861	41039.867	48031.172	31.492
32.661	24.367	1.023	
12/14/2016 6:45:00 PM	593100.000	70.960	17.374
159.843	41021.617	48014.879	31.480
32.650	24.377	1.023	
12/14/2016 7:00:00 PM	594000.000	70.957	17.376
159.838	41038.820	48033.047	31.493
32.662	24.367	1.023	
12/14/2016 7:15:00 PM	594900.000	70.948	17.376
159.817	41051.094	48048.160	31.504
32.673	24.360	1.023	
12/14/2016 7:30:00 PM	595800.000	70.949	17.369
159.820	41036.926	48038.141	31.496
32.666	24.368	1.023	
12/14/2016 7:45:00 PM	596700.000	70.941	17.374
159.801	41017.387	48010.020	31.476
32.647	24.380	1.023	
12/14/2016 8:00:00 PM	597600.000	70.947	17.376
159.815	41069.301	48069.004	31.519
32.687	24.349	1.023	
12/14/2016 8:15:00 PM	598500.000	70.939	17.374
159.796	41038.094	48034.445	31.494
32.663	24.368	1.023	
12/14/2016 8:30:00 PM	599400.000	70.943	17.371
159.806	41042.152	48042.488	31.500
32.669	24.365	1.023	
12/14/2016 8:45:00 PM	600300.000	70.955	17.372
159.833	41040.746	48040.180	31.498
32.667	24.366	1.023	
12/14/2016 9:00:00 PM	601200.000	70.947	17.375
159.816	41081.543	48084.926	31.531
32.698	24.342	1.023	
12/14/2016 9:15:00 PM	602100.000	70.954	17.369
159.830	41047.277	48050.547	31.505
32.674	24.362	1.023	
12/14/2016 9:30:00 PM	603000.000	70.963	17.369

159.852	41024.957	48024.688	31.486
32.657	24.375	1.023	
12/14/2016 9:45:00 PM	603900.000	70.970	17.370
159.867	41043.609	48045.301	31.502
32.671	24.364	1.023	
12/14/2016 10:00:00 PM	604800.000	70.971	17.370
159.868	41013.855	48010.473	31.476
32.647	24.382	1.023	
12/14/2016 10:15:00 PM	605700.000	70.980	17.372
159.890	41030.973	48028.172	31.489
32.659	24.372	1.023	
12/14/2016 10:30:00 PM	606600.000	70.989	17.377
159.909	41050.492	48045.770	31.502
32.671	24.360	1.023	
12/14/2016 10:45:00 PM	607500.000	70.999	17.371
159.931	41036.082	48035.469	31.494
32.664	24.369	1.023	
12/14/2016 11:00:00 PM	608400.000	71.004	17.371
159.943	41048.742	48050.285	31.505
32.674	24.361	1.023	
12/14/2016 11:15:00 PM	609300.000	71.021	17.370
159.981	41032.328	48032.094	31.492
32.662	24.371	1.023	
12/14/2016 11:30:00 PM	610200.000	71.033	17.379
160.009	41090.906	48091.012	31.535
32.702	24.336	1.023	
12/14/2016 11:45:00 PM	611100.000	71.040	17.380
160.025	41064.645	48059.137	31.512
32.680	24.352	1.023	

Report Date: 12/19/2016 10:30:05 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-8S LT Test_2016-12-15_15-25-06-224-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 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
11/24/2016 12:33:03 PM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:30:00 PM
11/24/2016 2:38:47 PM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:30:00 PM
12/2/2016 8:02:51 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 8:45:00 AM
12/9/2016 9:32:32 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:30:00 AM
12/15/2016 3:24:38 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:15:00 PM

12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.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

	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: PCTD(A) 197.3ft SN#: 428966	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Corrected Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppm)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	19.469	16.165	44.377	2029.152	2441.062	1.267	1659.922	492.817	1.000	14.776
12/8/2016 12:15:00 AM	8100.000	19.459	16.166	44.353	2029.115	2440.973	1.267	1659.862	492.826	1.000	14.783
12/8/2016 12:30:00 AM	9000.000	19.457	16.166	44.348	2029.410	2441.327	1.267	1660.103	492.754	1.000	14.783
12/8/2016 12:45:00 AM	9900.000	19.471	16.166	44.380	2030.096	2442.167	1.268	1660.674	492.588	1.000	14.771
12/8/2016 1:00:00 AM	10800.000	19.460	16.166	44.355	2030.199	2442.307	1.268	1660.769	492.562	1.000	14.774
12/8/2016 1:15:00 AM	11700.000	19.465	16.166	44.368	2030.518	2442.671	1.268	1661.016	492.485	1.000	14.774
12/8/2016 1:30:00 AM	12600.000	19.462	16.166	44.360	2030.027	2442.079	1.268	1660.614	492.604	1.000	14.771
12/8/2016 1:45:00 AM	13500.000	19.468	16.166	44.374	2030.329	2442.468	1.268	1660.878	492.531	1.000	14.769
12/8/2016 2:00:00 AM	14400.000	19.466	16.166	44.368	2030.869	2443.117	1.268				

1661.319	492.400	1.000	14.768
12/8/2016 2:15:00 AM	15300.000	19.468	16.165
44.375	2030.864	2443.116	1.268
1661.319	492.401	1.000	14.766
12/8/2016 2:30:00 AM	16200.000	19.460	16.166
44.356	2031.433	2443.781	1.269
1661.771	492.263	1.000	14.772
12/8/2016 2:45:00 AM	17100.000	19.470	16.166
44.378	2031.168	2443.472	1.269
1661.561	492.328	1.000	14.770
12/8/2016 3:00:00 AM	18000.000	19.464	16.166
44.364	2031.921	2444.373	1.269
1662.174	492.145	1.000	14.765
12/8/2016 3:15:00 AM	18900.000	19.464	16.165
44.366	2031.487	2443.870	1.269
1661.832	492.250	1.000	14.765
12/8/2016 3:30:00 AM	19800.000	19.464	16.166
44.365	2031.953	2444.371	1.269
1662.173	492.137	1.000	14.761
12/8/2016 3:45:00 AM	20700.000	19.471	16.166
44.379	2032.511	2445.092	1.269
1662.662	492.002	1.000	14.757
12/8/2016 4:00:00 AM	21600.000	19.464	16.166
44.364	2032.422	2444.966	1.269
1662.577	492.024	1.000	14.767
12/8/2016 4:15:00 AM	22500.000	19.467	16.165
44.372	2032.388	2444.969	1.269
1662.579	492.032	1.000	14.760
12/8/2016 4:30:00 AM	23400.000	19.466	16.166
44.369	2032.458	2445.019	1.269
1662.613	492.015	1.000	14.760
12/8/2016 4:45:00 AM	24300.000	19.464	16.165
44.364	2032.782	2445.424	1.270
1662.888	491.937	1.000	14.763
12/8/2016 5:00:00 AM	25200.000	19.463	16.166
44.362	2033.196	2445.912	1.270
1663.220	491.836	1.000	14.762
12/8/2016 5:15:00 AM	26100.000	19.473	16.166
44.385	2033.376	2446.123	1.270
1663.364	491.793	1.000	14.757
12/8/2016 5:30:00 AM	27000.000	19.464	16.166
44.365	2033.584	2446.349	1.270
1663.517	491.743	1.000	14.769
12/8/2016 5:45:00 AM	27900.000	19.460	16.166
44.356	2033.223	2445.939	1.270
1663.239	491.830	1.000	14.770
12/8/2016 6:00:00 AM	28800.000	19.458	16.166
44.351	2033.616	2446.412	1.270
1663.561	491.735	1.000	14.770
12/8/2016 6:15:00 AM	29700.000	19.471	16.165
44.380	2033.462	2446.242	1.270
1663.444	491.772	1.000	14.766
12/8/2016 6:30:00 AM	30600.000	19.461	16.166
44.358	2033.772	2446.580	1.270
1663.674	491.697	1.000	14.779

12/8/2016 6:45:00 AM	31500.000	19.467	16.166
44.371	2033.898	2446.742	1.270
1663.785	491.667	1.000	14.770
12/8/2016 7:00:00 AM	32400.000	19.457	16.166
44.348	2034.212	2447.109	1.271
1664.034	491.591	1.000	14.778
12/8/2016 7:15:00 AM	33300.000	19.456	16.165
44.347	2033.992	2446.884	1.270
1663.881	491.644	1.000	14.782
12/8/2016 7:30:00 AM	34200.000	19.466	16.166
44.368	2034.556	2447.533	1.271
1664.322	491.508	1.000	14.773
12/8/2016 7:45:00 AM	35100.000	19.468	16.166
44.373	2034.170	2447.069	1.271
1664.007	491.601	1.000	14.779
12/8/2016 8:00:00 AM	36000.000	19.465	16.166
44.367	2034.222	2447.146	1.271
1664.059	491.588	1.000	14.783
12/8/2016 8:15:00 AM	36900.000	19.466	16.166
44.368	2034.794	2447.814	1.271
1664.514	491.450	1.000	14.782
12/8/2016 8:30:00 AM	37800.000	19.463	16.166
44.363	2034.346	2447.275	1.271
1664.147	491.559	1.000	14.787
12/8/2016 8:45:00 AM	38700.000	19.459	16.166
44.354	2034.364	2447.296	1.271
1664.162	491.554	1.000	14.793
12/8/2016 9:00:00 AM	39600.000	19.459	16.166
44.352	2034.599	2447.550	1.271
1664.334	491.497	1.000	14.795
12/8/2016 9:15:00 AM	40500.000	19.460	16.166
44.356	2034.632	2447.629	1.271
1664.388	491.489	1.000	14.797
12/8/2016 9:30:00 AM	41400.000	19.464	16.166
44.365	2035.093	2448.179	1.271
1664.762	491.378	1.000	14.798
12/8/2016 9:45:00 AM	42300.000	19.461	16.166
44.358	2035.121	2448.207	1.271
1664.781	491.371	1.000	14.809
12/8/2016 10:00:00 AM	43200.000	19.462	16.166
44.361	2034.963	2448.008	1.271
1664.645	491.409	1.000	14.814
12/8/2016 10:15:00 AM	44100.000	19.459	16.167
44.352	2034.451	2447.357	1.271
1664.203	491.533	1.000	14.809
12/8/2016 10:30:00 AM	45000.000	19.467	16.166
44.371	2034.932	2447.965	1.271
1664.616	491.417	1.000	14.803
12/8/2016 10:45:00 AM	45900.000	19.461	16.166
44.358	2034.952	2447.994	1.271
1664.636	491.412	1.000	14.808
12/8/2016 11:00:00 AM	46800.000	19.463	16.167
44.363	2035.063	2448.099	1.271
1664.707	491.385	1.000	14.812
12/8/2016 11:15:00 AM	47700.000	19.466	16.166

44.368	2034.820	2447.845	1.271
1664.535	491.444	1.000	14.803
12/8/2016 11:30:00 AM	48600.000	19.465	16.166
44.366	2035.250	2448.343	1.271
1664.874	491.340	1.000	14.796
12/8/2016 11:45:00 AM	49500.000	19.467	16.165
44.371	2035.193	2448.324	1.271
1664.860	491.354	1.000	14.799
12/8/2016 12:00:00 PM	50400.000	19.470	16.166
44.377	2035.090	2448.146	1.271
1664.739	491.379	1.000	14.792
12/8/2016 12:15:00 PM	51300.000	19.469	16.166
44.375	2035.124	2448.201	1.271
1664.777	491.371	1.000	14.790
12/8/2016 12:30:00 PM	52200.000	19.469	16.166
44.375	2034.967	2448.027	1.271
1664.659	491.408	1.000	14.791
12/8/2016 12:45:00 PM	53100.000	19.467	16.166
44.371	2034.479	2447.431	1.271
1664.253	491.526	1.000	14.798
12/8/2016 1:00:00 PM	54000.000	19.465	16.166
44.367	2034.788	2447.817	1.271
1664.516	491.452	1.000	14.792
12/8/2016 1:15:00 PM	54900.000	19.460	16.166
44.355	2034.457	2447.409	1.271
1664.238	491.532	1.000	14.796
12/8/2016 1:30:00 PM	55800.000	19.463	16.167
44.361	2034.693	2447.643	1.271
1664.397	491.475	1.000	14.796
12/8/2016 1:45:00 PM	56700.000	19.467	16.166
44.371	2034.333	2447.239	1.271
1664.123	491.562	1.000	14.796
12/8/2016 2:00:00 PM	57600.000	19.463	16.166
44.361	2034.196	2447.070	1.271
1664.008	491.595	1.000	14.796
12/8/2016 2:15:00 PM	58500.000	19.467	16.166
44.372	2033.222	2445.903	1.270
1663.214	491.830	1.000	14.797
12/8/2016 2:30:00 PM	59400.000	19.471	16.166
44.380	2032.265	2444.772	1.269
1662.445	492.062	1.000	14.799
12/8/2016 2:45:00 PM	60300.000	19.462	16.166
44.361	2029.948	2441.960	1.268
1660.533	492.623	1.000	14.804
12/8/2016 3:00:00 PM	61200.000	19.470	16.166
44.378	2028.546	2440.273	1.267
1659.386	492.964	1.000	14.795
12/8/2016 3:15:00 PM	62100.000	19.468	16.166
44.375	2027.052	2438.481	1.266
1658.167	493.327	1.000	14.805
12/8/2016 3:30:00 PM	63000.000	19.468	16.166
44.373	2025.034	2436.049	1.265
1656.513	493.819	1.000	14.798
12/8/2016 3:45:00 PM	63900.000	19.465	16.166
44.366	2024.044	2434.857	1.264

1655.703	494.061	1.000	14.798
12/8/2016 4:00:00 PM	64800.000	19.460	16.166
44.356	2022.555	2433.100	1.263
1654.508	494.424	1.000	14.806
12/8/2016 4:15:00 PM	65700.000	19.471	16.167
44.380	2021.567	2431.858	1.262
1653.664	494.666	1.000	14.804
12/8/2016 4:30:00 PM	66600.000	19.466	16.166
44.369	2020.420	2430.498	1.261
1652.739	494.947	1.000	14.805
12/8/2016 4:45:00 PM	67500.000	19.481	16.166
44.403	2019.403	2429.274	1.261
1651.907	495.196	1.000	14.795
12/8/2016 5:00:00 PM	68400.000	19.458	16.167
44.351	2018.234	2427.854	1.260
1650.941	495.483	1.000	14.811
12/8/2016 5:15:00 PM	69300.000	19.463	16.167
44.362	2017.029	2426.399	1.259
1649.951	495.779	1.000	14.805
12/8/2016 5:30:00 PM	70200.000	19.469	16.167
44.376	2016.597	2425.888	1.259
1649.604	495.885	1.000	14.797
12/8/2016 5:45:00 PM	71100.000	19.459	16.166
44.354	2015.725	2424.865	1.258
1648.908	496.099	1.000	14.808
12/8/2016 6:00:00 PM	72000.000	19.464	16.167
44.363	2015.341	2424.378	1.258
1648.577	496.194	1.000	14.808
12/8/2016 6:15:00 PM	72900.000	19.466	16.166
44.368	2014.191	2423.005	1.257
1647.644	496.477	1.000	14.807
12/8/2016 6:30:00 PM	73800.000	19.466	16.167
44.369	2013.820	2422.544	1.257
1647.330	496.569	1.000	14.815
12/8/2016 6:45:00 PM	74700.000	19.464	16.167
44.364	2013.193	2421.790	1.257
1646.818	496.723	1.000	14.811
12/8/2016 7:00:00 PM	75600.000	19.466	16.167
44.369	2012.384	2420.817	1.256
1646.156	496.923	1.000	14.812
12/8/2016 7:15:00 PM	76500.000	19.470	16.167
44.379	2011.671	2419.949	1.256
1645.565	497.099	1.000	14.810
12/8/2016 7:30:00 PM	77400.000	19.463	16.167
44.362	2010.828	2418.906	1.255
1644.856	497.308	1.000	14.815
12/8/2016 7:45:00 PM	78300.000	19.464	16.166
44.363	2010.510	2418.572	1.255
1644.629	497.386	1.000	14.818
12/8/2016 8:00:00 PM	79200.000	19.462	16.167
44.360	2010.102	2418.042	1.255
1644.269	497.487	1.000	14.818
12/8/2016 8:15:00 PM	80100.000	19.455	16.167
44.344	2009.490	2417.330	1.254
1643.784	497.639	1.000	14.827

12/8/2016 8:30:00 PM	81000.000	19.463	16.167
44.362	2009.444	2417.265	1.254
1643.740	497.650	1.000	14.826
12/8/2016 8:45:00 PM	81900.000	19.466	16.167
44.370	2009.130	2416.882	1.254
1643.480	497.728	1.000	14.826
12/8/2016 9:00:00 PM	82800.000	19.466	16.167
44.369	2009.067	2416.806	1.254
1643.428	497.743	1.000	14.829
12/8/2016 9:15:00 PM	83700.000	19.464	16.166
44.363	2008.849	2416.574	1.254
1643.271	497.797	1.000	14.828
12/8/2016 9:30:00 PM	84600.000	19.472	16.167
44.383	2008.333	2415.923	1.254
1642.828	497.925	1.000	14.825
12/8/2016 9:45:00 PM	85500.000	19.461	16.168
44.358	2008.653	2416.279	1.254
1643.070	497.846	1.000	14.838
12/8/2016 10:00:00 PM	86400.000	19.470	16.166
44.378	2008.326	2415.949	1.254
1642.845	497.927	1.000	14.830
12/8/2016 10:15:00 PM	87300.000	19.457	16.168
44.349	2007.904	2415.379	1.253
1642.458	498.032	1.000	14.838
12/8/2016 10:30:00 PM	88200.000	19.460	16.167
44.355	2005.864	2412.978	1.252
1640.825	498.538	1.000	14.840
12/8/2016 10:45:00 PM	89100.000	19.463	16.167
44.362	2001.623	2407.847	1.249
1637.336	499.595	1.000	14.835
12/8/2016 11:00:00 PM	90000.000	19.462	16.167
44.360	1996.352	2401.511	1.246
1633.028	500.914	1.000	14.836
12/8/2016 11:15:00 PM	90900.000	19.468	16.167
44.373	1993.239	2397.756	1.244
1630.474	501.696	1.000	14.841
12/8/2016 11:30:00 PM	91800.000	19.462	16.167
44.361	1989.942	2393.781	1.241
1627.771	502.527	1.000	14.837
12/8/2016 11:45:00 PM	92700.000	19.474	16.167
44.387	1988.285	2391.821	1.240
1626.438	502.946	1.000	14.836
12/9/2016 12:00:00 AM	93600.000	19.476	16.167
44.391	1985.832	2388.841	1.239
1624.412	503.567	1.000	14.835
12/9/2016 12:15:00 AM	94500.000	19.471	16.167
44.379	1984.357	2387.077	1.238
1623.212	503.942	1.000	14.840
12/9/2016 12:30:00 AM	95400.000	19.479	16.167
44.399	1983.052	2385.521	1.237
1622.155	504.273	1.000	14.831
12/9/2016 12:45:00 AM	96300.000	19.470	16.167
44.379	1981.810	2383.998	1.236
1621.119	504.589	1.000	14.836
12/9/2016 1:00:00 AM	97200.000	19.464	16.167

44.364	1980.965	2382.981	1.236
1620.427	504.805	1.000	14.838
12/9/2016 1:15:00 AM	98100.000	19.466	16.167
44.369	1979.785	2381.591	1.235
1619.482	505.105	1.000	14.839
12/9/2016 1:30:00 AM	99000.000	19.464	16.167
44.365	1979.389	2381.110	1.235
1619.155	505.207	1.000	14.839
12/9/2016 1:45:00 AM	99900.000	19.459	16.167
44.352	1978.145	2379.623	1.234
1618.144	505.524	1.000	14.842
12/9/2016 2:00:00 AM	100800.000	19.459	16.168
44.353	1978.028	2379.440	1.234
1618.019	505.554	1.000	14.843
12/9/2016 2:15:00 AM	101700.000	19.465	16.167
44.368	1977.290	2378.604	1.233
1617.451	505.743	1.000	14.839
12/9/2016 2:30:00 AM	102600.000	19.469	16.167
44.375	1977.046	2378.302	1.233
1617.245	505.805	1.000	14.837
12/9/2016 2:45:00 AM	103500.000	19.465	16.166
44.367	1976.513	2377.680	1.233
1616.822	505.941	1.000	14.837
12/9/2016 3:00:00 AM	104400.000	19.469	16.166
44.375	1976.571	2377.758	1.233
1616.876	505.927	1.000	14.833
12/9/2016 3:15:00 AM	105300.000	19.473	16.167
44.384	1976.103	2377.157	1.232
1616.467	506.047	1.000	14.828
12/9/2016 3:30:00 AM	106200.000	19.469	16.167
44.377	1975.611	2376.570	1.232
1616.068	506.172	1.000	14.834
12/9/2016 3:45:00 AM	107100.000	19.473	16.167
44.385	1975.852	2376.869	1.232
1616.271	506.111	1.000	14.832
12/9/2016 4:00:00 AM	108000.000	19.476	16.167
44.392	1975.544	2376.500	1.232
1616.020	506.190	1.000	14.830
12/9/2016 4:15:00 AM	108900.000	19.468	16.167
44.375	1974.885	2375.697	1.232
1615.474	506.359	1.000	14.836
12/9/2016 4:30:00 AM	109800.000	19.476	16.166
44.393	1974.878	2375.727	1.232
1615.494	506.360	1.000	14.832
12/9/2016 4:45:00 AM	110700.000	19.469	16.167
44.376	1974.904	2375.719	1.232
1615.489	506.354	1.000	14.837
12/9/2016 5:00:00 AM	111600.000	19.476	16.166
44.391	1974.212	2374.916	1.231
1614.943	506.531	1.000	14.832
12/9/2016 5:15:00 AM	112500.000	19.470	16.167
44.378	1974.258	2374.947	1.231
1614.964	506.520	1.000	14.833
12/9/2016 5:30:00 AM	113400.000	19.478	16.167
44.397	1973.816	2374.406	1.231

1614.596	506.633	1.000	14.834
12/9/2016 5:45:00 AM	114300.000	19.471	16.167
44.381	1973.621	2374.186	1.231
1614.447	506.683	1.000	14.840
12/9/2016 6:00:00 AM	115200.000	19.468	16.167
44.374	1973.313	2373.795	1.231
1614.181	506.762	1.000	14.841
12/9/2016 6:15:00 AM	116100.000	19.471	16.167
44.379	1973.353	2373.869	1.231
1614.231	506.752	1.000	14.844
12/9/2016 6:30:00 AM	117000.000	19.468	16.166
44.373	1973.253	2373.763	1.231
1614.159	506.777	1.000	14.848
12/9/2016 6:45:00 AM	117900.000	19.475	16.166
44.389	1974.188	2374.887	1.231
1614.923	506.537	1.000	14.845
12/9/2016 7:00:00 AM	118800.000	19.475	16.167
44.390	1974.647	2375.400	1.231
1615.272	506.420	1.000	14.840
12/9/2016 7:15:00 AM	119700.000	19.473	16.167
44.386	1975.307	2376.209	1.232
1615.822	506.251	1.000	14.838
12/9/2016 7:30:00 AM	120600.000	19.468	16.167
44.373	1975.666	2376.646	1.232
1616.119	506.158	1.000	14.843
12/9/2016 7:45:00 AM	121500.000	19.467	16.167
44.372	1976.480	2377.597	1.233
1616.766	505.950	1.000	14.850
12/9/2016 8:00:00 AM	122400.000	19.468	16.167
44.374	1976.815	2378.033	1.233
1617.063	505.864	1.000	14.853
12/9/2016 8:15:00 AM	123300.000	19.459	16.167
44.353	1977.252	2378.544	1.233
1617.410	505.753	1.000	14.860
12/9/2016 8:30:00 AM	124200.000	19.471	16.167
44.381	1977.568	2378.891	1.233
1617.646	505.672	1.000	14.850
12/9/2016 8:45:00 AM	125100.000	19.471	16.167
44.381	1978.018	2379.447	1.234
1618.024	505.556	1.000	14.852
12/9/2016 9:00:00 AM	126000.000	19.470	16.167
44.379	1978.354	2379.860	1.234
1618.305	505.471	1.000	14.859
12/9/2016 9:15:00 AM	126900.000	19.466	16.167
44.369	1978.116	2379.551	1.234
1618.095	505.531	1.000	14.860
12/9/2016 9:30:00 AM	127800.000	19.468	16.167
44.374	1977.213	2378.473	1.233
1617.362	505.762	1.000	14.862
12/9/2016 9:45:00 AM	128700.000	19.469	16.167
44.377	1976.995	2378.202	1.233
1617.178	505.818	1.000	14.861
12/9/2016 10:00:00 AM	129600.000	19.468	16.168
44.374	1976.277	2377.327	1.232
1616.583	506.002	1.000	14.861

12/9/2016 10:15:00 AM	130500.000	19.469	16.168
44.376	1971.880	2372.024	1.230
1612.977	507.130	1.000	14.865
12/9/2016 10:30:00 AM	131400.000	19.465	16.167
44.368	1965.429	2364.302	1.225
1607.725	508.795	1.000	14.866
12/9/2016 10:45:00 AM	132300.000	19.465	16.168
44.368	1961.190	2359.151	1.223
1604.223	509.895	1.000	14.871
12/9/2016 11:00:00 AM	133200.000	19.464	16.167
44.365	1957.922	2355.258	1.220
1601.575	510.746	1.000	14.868
12/9/2016 11:15:00 AM	134100.000	19.471	16.168
44.381	1956.875	2353.988	1.220
1600.712	511.019	1.000	14.862
12/9/2016 11:30:00 AM	135000.000	19.464	16.168
44.365	1956.701	2353.775	1.220
1600.567	511.064	1.000	14.865
12/9/2016 11:45:00 AM	135900.000	19.475	16.167
44.390	1958.127	2355.505	1.221
1601.743	510.692	1.000	14.853
12/9/2016 12:00:00 PM	136800.000	19.481	16.167
44.404	1959.546	2357.217	1.221
1602.907	510.322	1.000	14.845
12/9/2016 12:15:00 PM	137700.000	19.477	16.167
44.394	1962.538	2360.816	1.223
1605.355	509.544	1.000	14.843
12/9/2016 12:30:00 PM	138600.000	19.481	16.167
44.402	1965.338	2364.193	1.225
1607.652	508.818	1.000	14.837
12/9/2016 12:45:00 PM	139500.000	19.480	16.166
44.401	1971.094	2371.160	1.229
1612.389	507.333	1.000	14.830
12/9/2016 1:00:00 PM	140400.000	19.483	16.167
44.409	1974.981	2375.803	1.232
1615.546	506.334	1.000	14.832
12/9/2016 1:15:00 PM	141300.000	19.484	16.166
44.411	1976.708	2377.928	1.233
1616.991	505.892	1.000	14.826
12/9/2016 1:30:00 PM	142200.000	19.480	16.167
44.401	1978.833	2380.432	1.234
1618.694	505.348	1.000	14.822
12/9/2016 1:45:00 PM	143100.000	19.465	16.166
44.366	1980.762	2382.786	1.235
1620.295	504.856	1.000	14.836
12/9/2016 2:00:00 PM	144000.000	19.476	16.167
44.392	1982.069	2384.334	1.236
1621.347	504.523	1.000	14.826
12/9/2016 2:15:00 PM	144900.000	19.475	16.167
44.390	1982.774	2385.196	1.237
1621.934	504.344	1.000	14.826
12/9/2016 2:30:00 PM	145800.000	19.481	16.166
44.402	1983.752	2386.383	1.237
1622.740	504.095	1.000	14.817
12/9/2016 2:45:00 PM	146700.000	19.472	16.167

44.382	1984.897	2387.740	1.238
1623.664	503.805	1.000	14.823
12/9/2016 3:00:00 PM	147600.000	19.473	16.167
44.386	1985.853	2388.905	1.239
1624.455	503.562	1.000	14.825
12/9/2016 3:15:00 PM	148500.000	19.476	16.167
44.391	1986.922	2390.182	1.239
1625.324	503.291	1.000	14.823
12/9/2016 3:30:00 PM	149400.000	19.472	16.167
44.383	1987.967	2391.439	1.240
1626.179	503.026	1.000	14.822
12/9/2016 3:45:00 PM	150300.000	19.471	16.167
44.381	1988.770	2392.380	1.241
1626.818	502.823	1.000	14.827
12/9/2016 4:00:00 PM	151200.000	19.476	16.166
44.391	1989.680	2393.515	1.241
1627.590	502.593	1.000	14.822
12/9/2016 4:15:00 PM	152100.000	19.479	16.166
44.399	1990.233	2394.179	1.242
1628.042	502.454	1.000	14.816
12/9/2016 4:30:00 PM	153000.000	19.480	16.167
44.402	1990.694	2394.704	1.242
1628.399	502.337	1.000	14.817
12/9/2016 4:45:00 PM	153900.000	19.468	16.166
44.374	1991.255	2395.423	1.242
1628.888	502.196	1.000	14.819
12/9/2016 5:00:00 PM	154800.000	19.485	16.167
44.413	1991.770	2396.023	1.243
1629.295	502.066	1.000	14.814
12/9/2016 5:15:00 PM	155700.000	19.481	16.166
44.403	1991.953	2396.252	1.243
1629.452	502.020	1.000	14.815
12/9/2016 5:30:00 PM	156600.000	19.473	16.166
44.384	1992.013	2396.331	1.243
1629.505	502.005	1.000	14.822
12/9/2016 5:45:00 PM	157500.000	19.478	16.166
44.397	1991.468	2395.670	1.242
1629.056	502.142	1.000	14.815
12/9/2016 6:00:00 PM	158400.000	19.479	16.167
44.399	1990.288	2394.241	1.242
1628.084	502.440	1.000	14.815
12/9/2016 6:15:00 PM	159300.000	19.477	16.167
44.394	1989.233	2392.971	1.241
1627.220	502.706	1.000	14.818
12/9/2016 6:30:00 PM	160200.000	19.476	16.167
44.391	1987.307	2390.654	1.240
1625.645	503.194	1.000	14.820
12/9/2016 6:45:00 PM	161100.000	19.472	16.167
44.383	1985.516	2388.480	1.239
1624.167	503.647	1.000	14.819
12/9/2016 7:00:00 PM	162000.000	19.469	16.167
44.376	1983.448	2385.997	1.237
1622.478	504.173	1.000	14.825
12/9/2016 7:15:00 PM	162900.000	19.476	16.167
44.392	1981.292	2383.409	1.236

1620.718 504.721 1.000 14.818
12/9/2016 7:30:00 PM 163800.000 19.470 16.167
44.377 1979.770 2381.587 1.235
1619.479 505.109 1.000 14.824
12/9/2016 7:45:00 PM 164700.000 19.468 16.167
44.375 1978.052 2379.517 1.234
1618.072 505.548 1.000 14.826
12/9/2016 8:00:00 PM 165600.000 19.479 16.167
44.399 1976.863 2378.086 1.233
1617.098 505.852 1.000 14.811
12/9/2016 8:15:00 PM 166500.000 19.480 16.167
44.400 1974.926 2375.742 1.232
1615.505 506.348 1.000 14.811
12/9/2016 8:30:00 PM 167400.000 19.477 16.167
44.393 1973.538 2374.066 1.231
1614.365 506.704 1.000 14.811
12/9/2016 8:45:00 PM 168300.000 19.471 16.167
44.381 1971.692 2371.851 1.229
1612.859 507.179 1.000 14.825
12/9/2016 9:00:00 PM 169200.000 19.479 16.167
44.399 1970.330 2370.217 1.229
1611.748 507.529 1.000 14.820
12/9/2016 9:15:00 PM 170100.000 19.473 16.167
44.385 1969.070 2368.701 1.228
1610.717 507.854 1.000 14.822
12/9/2016 9:30:00 PM 171000.000 19.474 16.167
44.387 1968.589 2368.137 1.227
1610.333 507.978 1.000 14.822
12/9/2016 9:45:00 PM 171900.000 19.468 16.167
44.374 1967.507 2366.807 1.227
1609.429 508.258 1.000 14.821
12/9/2016 10:00:00 PM 172800.000 19.475 16.166
44.389 1967.326 2366.637 1.227
1609.313 508.304 1.000 14.818
12/9/2016 10:15:00 PM 173700.000 19.478 16.167
44.396 1966.990 2366.199 1.226
1609.016 508.391 1.000 14.822
12/9/2016 10:30:00 PM 174600.000 19.474 16.167
44.388 1966.573 2365.678 1.226
1608.661 508.499 1.000 14.819
12/9/2016 10:45:00 PM 175500.000 19.485 16.167
44.413 1966.453 2365.543 1.226
1608.569 508.530 1.000 14.818
12/9/2016 11:00:00 PM 176400.000 19.480 16.167
44.401 1966.712 2365.860 1.226
1608.785 508.463 1.000 14.822
12/9/2016 11:15:00 PM 177300.000 19.473 16.167
44.386 1967.009 2366.199 1.226
1609.015 508.386 1.000 14.822
12/9/2016 11:30:00 PM 178200.000 19.475 16.167
44.390 1967.927 2367.336 1.227
1609.789 508.149 1.000 14.817
12/9/2016 11:45:00 PM 179100.000 19.480 16.167
44.400 1969.211 2368.862 1.228
1610.826 507.817 1.000 14.812

12/10/2016 12:00:00 AM	180000.000	19.488	16.167
44.418	1969.951	2369.762	1.228
1611.438	507.627	1.000	14.806
12/10/2016 12:15:00 AM	180900.000	19.474	16.167
44.387	1970.205	2370.072	1.228
1611.649	507.561	1.000	14.815
12/10/2016 12:30:00 AM	181800.000	19.484	16.167
44.409	1970.787	2370.762	1.229
1612.119	507.412	1.000	14.810
12/10/2016 12:45:00 AM	182700.000	19.483	16.167
44.408	1970.778	2370.770	1.229
1612.124	507.414	1.000	14.812
12/10/2016 1:00:00 AM	183600.000	19.482	16.167
44.406	1971.635	2371.777	1.229
1612.809	507.193	1.000	14.812
12/10/2016 1:15:00 AM	184500.000	19.470	16.167
44.377	1972.167	2372.408	1.230
1613.238	507.056	1.000	14.822
12/10/2016 1:30:00 AM	185400.000	19.474	16.167
44.388	1972.792	2373.150	1.230
1613.742	506.896	1.000	14.818
12/10/2016 1:45:00 AM	186300.000	19.480	16.166
44.400	1973.770	2374.389	1.231
1614.585	506.645	1.000	14.812
12/10/2016 2:00:00 AM	187200.000	19.481	16.167
44.403	1973.749	2374.326	1.231
1614.542	506.650	1.000	14.810
12/10/2016 2:15:00 AM	188100.000	19.479	16.167
44.398	1974.432	2375.162	1.231
1615.110	506.475	1.000	14.811
12/10/2016 2:30:00 AM	189000.000	19.492	16.167
44.427	1974.911	2375.732	1.232
1615.498	506.352	1.000	14.806
12/10/2016 2:45:00 AM	189900.000	19.475	16.166
44.391	1975.711	2376.724	1.232
1616.172	506.147	1.000	14.813
12/10/2016 3:00:00 AM	190800.000	19.484	16.167
44.410	1976.600	2377.765	1.233
1616.880	505.919	1.000	14.807
12/10/2016 3:15:00 AM	191700.000	19.491	16.166
44.426	1977.872	2379.319	1.234
1617.937	505.594	1.000	14.806
12/10/2016 3:30:00 AM	192600.000	19.481	16.166
44.404	1979.149	2380.850	1.234
1618.978	505.268	1.000	14.810
12/10/2016 3:45:00 AM	193500.000	19.477	16.167
44.394	1979.975	2381.834	1.235
1619.647	505.057	1.000	14.811
12/10/2016 4:00:00 AM	194400.000	19.482	16.167
44.405	1980.760	2382.778	1.235
1620.289	504.857	1.000	14.809
12/10/2016 4:15:00 AM	195300.000	19.486	16.167
44.414	1981.906	2384.128	1.236
1621.207	504.565	1.000	14.803
12/10/2016 4:30:00 AM	196200.000	19.493	16.167

44.430	1983.338	2385.870	1.237
1622.392	504.201	1.000	14.800
12/10/2016 4:45:00 AM	197100.000	19.480	16.166
44.400	1984.400	2387.186	1.238
1623.286	503.931	1.000	14.809
12/10/2016 5:00:00 AM	198000.000	19.476	16.167
44.391	1986.286	2389.416	1.239
1624.803	503.452	1.000	14.812
12/10/2016 5:15:00 AM	198900.000	19.486	16.166
44.415	1987.650	2391.086	1.240
1625.938	503.107	1.000	14.807
12/10/2016 5:30:00 AM	199800.000	19.478	16.167
44.396	1988.655	2392.266	1.241
1626.741	502.852	1.000	14.809
12/10/2016 5:45:00 AM	200700.000	19.487	16.166
44.416	1989.561	2393.376	1.241
1627.495	502.623	1.000	14.803
12/10/2016 6:00:00 AM	201600.000	19.480	16.166
44.401	1990.106	2394.046	1.242
1627.952	502.486	1.000	14.807
12/10/2016 6:15:00 AM	202500.000	19.482	16.166
44.406	1990.758	2394.811	1.242
1628.472	502.321	1.000	14.804
12/10/2016 6:30:00 AM	203400.000	19.479	16.167
44.399	1992.440	2396.800	1.243
1629.824	501.897	1.000	14.807
12/10/2016 6:45:00 AM	204300.000	19.483	16.166
44.408	1992.947	2397.448	1.243
1630.265	501.770	1.000	14.803
12/10/2016 7:00:00 AM	205200.000	19.484	16.166
44.409	1994.395	2399.201	1.244
1631.457	501.405	1.000	14.810
12/10/2016 7:15:00 AM	206100.000	19.492	16.166
44.427	1995.674	2400.735	1.245
1632.500	501.084	1.000	14.801
12/10/2016 7:30:00 AM	207000.000	19.483	16.166
44.407	1996.686	2401.967	1.246
1633.338	500.830	1.000	14.805
12/10/2016 7:45:00 AM	207900.000	19.488	16.166
44.420	1997.335	2402.742	1.246
1633.864	500.667	1.000	14.802
12/10/2016 8:00:00 AM	208800.000	19.480	16.167
44.400	1998.511	2404.128	1.247
1634.807	500.373	1.000	14.808
12/10/2016 8:15:00 AM	209700.000	19.479	16.166
44.400	1999.468	2405.289	1.248
1635.597	500.133	1.000	14.816
12/10/2016 8:30:00 AM	210600.000	19.482	16.166
44.405	1999.432	2405.270	1.248
1635.583	500.142	1.000	14.814
12/10/2016 8:45:00 AM	211500.000	19.484	16.167
44.411	2000.103	2406.042	1.248
1636.109	499.974	1.000	14.807
12/10/2016 9:00:00 AM	212400.000	19.481	16.166
44.402	2001.076	2407.232	1.249

1636.918	499.731	1.000	14.809
12/10/2016 9:15:00 AM	213300.000	19.484	16.166
44.409	2001.250	2407.438	1.249
1637.057	499.688	1.000	14.808
12/10/2016 9:30:00 AM	214200.000	19.479	16.167
44.398	2002.012	2408.344	1.249
1637.674	499.497	1.000	14.814
12/10/2016 9:45:00 AM	215100.000	19.483	16.167
44.407	2002.012	2408.335	1.249
1637.668	499.497	1.000	14.812
12/10/2016 10:00:00 AM	216000.000	19.477	16.166
44.393	2002.196	2408.575	1.250
1637.831	499.452	1.000	14.814
12/10/2016 10:15:00 AM	216900.000	19.482	16.166
44.405	2002.160	2408.556	1.250
1637.818	499.461	1.000	14.816
12/10/2016 10:30:00 AM	217800.000	19.481	16.167
44.402	2001.874	2408.169	1.249
1637.555	499.532	1.000	14.814
12/10/2016 10:45:00 AM	218700.000	19.482	16.167
44.406	2001.851	2408.146	1.249
1637.539	499.538	1.000	14.814
12/10/2016 11:00:00 AM	219600.000	19.482	16.167
44.405	2001.090	2407.216	1.249
1636.907	499.728	1.000	14.811
12/10/2016 11:15:00 AM	220500.000	19.494	16.167
44.434	2001.239	2407.409	1.249
1637.038	499.690	1.000	14.798
12/10/2016 11:30:00 AM	221400.000	19.482	16.167
44.404	2000.825	2406.906	1.249
1636.696	499.794	1.000	14.800
12/10/2016 11:45:00 AM	222300.000	19.495	16.166
44.434	2001.426	2407.649	1.249
1637.202	499.644	1.000	14.792
12/10/2016 12:00:00 PM	223200.000	19.484	16.166
44.409	2002.875	2409.397	1.250
1638.390	499.282	1.000	14.791
12/10/2016 12:15:00 PM	224100.000	19.489	16.166
44.423	2004.560	2411.419	1.251
1639.765	498.863	1.000	14.788
12/10/2016 12:30:00 PM	225000.000	19.492	16.166
44.428	2006.384	2413.622	1.252
1641.263	498.409	1.000	14.783
12/10/2016 12:45:00 PM	225900.000	19.494	16.167
44.432	2008.481	2416.097	1.254
1642.946	497.889	1.000	14.779
12/10/2016 1:00:00 PM	226800.000	19.486	16.166
44.413	2010.437	2418.518	1.255
1644.592	497.404	1.000	14.778
12/10/2016 1:15:00 PM	227700.000	19.492	16.166
44.428	2011.993	2420.355	1.256
1645.842	497.020	1.000	14.775
12/10/2016 1:30:00 PM	228600.000	19.483	16.167
44.407	2013.939	2422.677	1.257
1647.421	496.539	1.000	14.778

12/10/2016 1:45:00 PM 229500.000 19.490 16.166
44.424 2014.801 2423.772 1.258
1648.165 496.327 1.000 14.773
12/10/2016 2:00:00 PM 230400.000 19.490 16.166
44.424 2015.793 2424.927 1.258
1648.951 496.083 1.000 14.766
12/10/2016 2:15:00 PM 231300.000 19.498 16.166
44.441 2016.951 2426.354 1.259
1649.921 495.798 1.000 14.764
12/10/2016 2:30:00 PM 232200.000 19.490 16.166
44.423 2017.653 2427.169 1.260
1650.475 495.625 1.000 14.765
12/10/2016 2:45:00 PM 233100.000 19.492 16.166
44.427 2018.501 2428.199 1.260
1651.176 495.417 1.000 14.764
12/10/2016 3:00:00 PM 234000.000 19.489 16.166
44.421 2019.526 2429.437 1.261
1652.017 495.166 1.000 14.766
12/10/2016 3:15:00 PM 234900.000 19.483 16.166
44.408 2018.831 2428.606 1.260
1651.452 495.336 1.000 14.768
12/10/2016 3:30:00 PM 235800.000 19.484 16.167
44.411 2017.974 2427.536 1.260
1650.724 495.547 1.000 14.768
12/10/2016 3:45:00 PM 236700.000 19.486 16.166
44.415 2018.182 2427.801 1.260
1650.905 495.496 1.000 14.765
12/10/2016 4:00:00 PM 237600.000 19.481 16.167
44.404 2017.144 2426.542 1.259
1650.049 495.750 1.000 14.772
12/10/2016 4:15:00 PM 238500.000 19.491 16.167
44.426 2016.530 2425.809 1.259
1649.550 495.901 1.000 14.765
12/10/2016 4:30:00 PM 239400.000 19.487 16.167
44.417 2014.715 2423.611 1.258
1648.056 496.348 1.000 14.763
12/10/2016 4:45:00 PM 240300.000 19.490 16.167
44.423 2014.967 2423.924 1.258
1648.268 496.286 1.000 14.761
12/10/2016 5:00:00 PM 241200.000 19.479 16.167
44.400 2014.382 2423.215 1.258
1647.786 496.430 1.000 14.772
12/10/2016 5:15:00 PM 242100.000 19.497 16.166
44.440 2014.872 2423.828 1.258
1648.203 496.310 1.000 14.759
12/10/2016 5:30:00 PM 243000.000 19.486 16.166
44.415 2014.466 2423.350 1.258
1647.878 496.409 1.000 14.769
12/10/2016 5:45:00 PM 243900.000 19.489 16.167
44.422 2013.865 2422.578 1.257
1647.353 496.558 1.000 14.764
12/10/2016 6:00:00 PM 244800.000 19.495 16.166
44.436 2013.345 2421.991 1.257
1646.954 496.686 1.000 14.766
12/10/2016 6:15:00 PM 245700.000 19.483 16.166

44.408	2012.516	2420.990	1.256
1646.273	496.890	1.000	14.778
12/10/2016 6:30:00 PM	246600.000	19.489	16.166
44.421	2011.598	2419.890	1.256
1645.525	497.117	1.000	14.767
12/10/2016 6:45:00 PM	247500.000	19.491	16.167
44.427	2010.034	2417.990	1.255
1644.233	497.504	1.000	14.763
12/10/2016 7:00:00 PM	248400.000	19.492	16.166
44.429	2009.450	2417.302	1.254
1643.765	497.649	1.000	14.772
12/10/2016 7:15:00 PM	249300.000	19.488	16.167
44.419	2008.183	2415.734	1.253
1642.699	497.962	1.000	14.768
12/10/2016 7:30:00 PM	250200.000	19.494	16.167
44.433	2006.868	2414.176	1.253
1641.640	498.289	1.000	14.773
12/10/2016 7:45:00 PM	251100.000	19.486	16.167
44.416	2004.876	2411.789	1.251
1640.017	498.784	1.000	14.779
12/10/2016 8:00:00 PM	252000.000	19.490	16.167
44.424	2002.997	2409.504	1.250
1638.463	499.252	1.000	14.782
12/10/2016 8:15:00 PM	252900.000	19.493	16.167
44.431	2000.779	2406.856	1.249
1636.662	499.805	1.000	14.783
12/10/2016 8:30:00 PM	253800.000	19.493	16.166
44.430	1998.643	2404.301	1.247
1634.925	500.339	1.000	14.779
12/10/2016 8:45:00 PM	254700.000	19.486	16.167
44.414	1996.775	2402.025	1.246
1633.377	500.808	1.000	14.779
12/10/2016 9:00:00 PM	255600.000	19.483	16.167
44.409	1995.098	2399.998	1.245
1631.999	501.228	1.000	14.779
12/10/2016 9:15:00 PM	256500.000	19.488	16.167
44.419	1993.550	2398.146	1.244
1630.739	501.618	1.000	14.782
12/10/2016 9:30:00 PM	257400.000	19.480	16.167
44.401	1992.623	2397.030	1.243
1629.980	501.851	1.000	14.785
12/10/2016 9:45:00 PM	258300.000	19.487	16.167
44.417	1991.402	2395.565	1.242
1628.985	502.159	1.000	14.780
12/10/2016 10:00:00 PM	259200.000	19.484	16.168
44.409	1990.536	2394.486	1.242
1628.251	502.377	1.000	14.789
12/10/2016 10:15:00 PM	260100.000	19.495	16.167
44.435	1989.440	2393.186	1.241
1627.367	502.654	1.000	14.782
12/10/2016 10:30:00 PM	261000.000	19.495	16.167
44.435	1988.775	2392.376	1.241
1626.816	502.822	1.000	14.789
12/10/2016 10:45:00 PM	261900.000	19.480	16.168
44.400	1987.734	2391.110	1.240

1625.955	503.085	1.000	14.799
12/10/2016 11:00:00 PM	262800.000	19.490	16.167
44.425	1987.049	2390.325	1.240
1625.421	503.259	1.000	14.797
12/10/2016 11:15:00 PM	263700.000	19.488	16.167
44.418	1986.477	2389.637	1.239
1624.954	503.404	1.000	14.798
12/10/2016 11:30:00 PM	264600.000	19.485	16.167
44.413	1985.714	2388.719	1.239
1624.329	503.597	1.000	14.799
12/10/2016 11:45:00 PM	265500.000	19.492	16.167
44.428	1985.115	2387.988	1.238
1623.832	503.749	1.000	14.796
12/11/2016 12:00:00 AM	266400.000	19.487	16.167
44.418	1984.535	2387.295	1.238
1623.360	503.896	1.000	14.801
12/11/2016 12:15:00 AM	267300.000	19.487	16.167
44.418	1984.381	2387.087	1.238
1623.219	503.935	1.000	14.799
12/11/2016 12:30:00 AM	268200.000	19.488	16.167
44.419	1983.771	2386.376	1.237
1622.736	504.090	1.000	14.797
12/11/2016 12:45:00 AM	269100.000	19.492	16.167
44.429	1983.362	2385.884	1.237
1622.401	504.194	1.000	14.796
12/11/2016 1:00:00 AM	270000.000	19.488	16.167
44.419	1983.238	2385.730	1.237
1622.297	504.226	1.000	14.798
12/11/2016 1:15:00 AM	270900.000	19.478	16.167
44.397	1983.045	2385.479	1.237
1622.126	504.275	1.000	14.806
12/11/2016 1:30:00 AM	271800.000	19.483	16.167
44.407	1982.775	2385.184	1.237
1621.925	504.344	1.000	14.802
12/11/2016 1:45:00 AM	272700.000	19.487	16.167
44.418	1982.932	2385.387	1.237
1622.063	504.304	1.000	14.799
12/11/2016 2:00:00 AM	273600.000	19.489	16.167
44.422	1982.705	2385.090	1.237
1621.861	504.361	1.000	14.803
12/11/2016 2:15:00 AM	274500.000	19.494	16.167
44.433	1982.966	2385.423	1.237
1622.088	504.295	1.000	14.804
12/11/2016 2:30:00 AM	275400.000	19.483	16.166
44.409	1982.958	2385.437	1.237
1622.097	504.297	1.000	14.811
12/11/2016 2:45:00 AM	276300.000	19.490	16.166
44.424	1983.525	2386.115	1.237
1622.558	504.153	1.000	14.804
12/11/2016 3:00:00 AM	277200.000	19.485	16.167
44.413	1983.679	2386.266	1.237
1622.661	504.114	1.000	14.805
12/11/2016 3:15:00 AM	278100.000	19.488	16.167
44.419	1983.848	2386.459	1.237
1622.792	504.071	1.000	14.805

12/11/2016 3:30:00 AM	279000.000	19.497	16.167
44.440	1984.515	2387.262	1.238
1623.338	503.901	1.000	14.799
12/11/2016 3:45:00 AM	279900.000	19.485	16.167
44.413	1985.144	2388.038	1.238
1623.866	503.742	1.000	14.807
12/11/2016 4:00:00 AM	280800.000	19.488	16.166
44.419	1985.724	2388.764	1.239
1624.360	503.595	1.000	14.804
12/11/2016 4:15:00 AM	281700.000	19.484	16.167
44.411	1986.351	2389.495	1.239
1624.857	503.436	1.000	14.803
12/11/2016 4:30:00 AM	282600.000	19.492	16.167
44.427	1987.038	2390.322	1.240
1625.419	503.262	1.000	14.800
12/11/2016 4:45:00 AM	283500.000	19.501	16.166
44.449	1987.924	2391.407	1.240
1626.157	503.037	1.000	14.798
12/11/2016 5:00:00 AM	284400.000	19.497	16.167
44.439	1988.181	2391.696	1.240
1626.353	502.972	1.000	14.802
12/11/2016 5:15:00 AM	285300.000	19.493	16.167
44.430	1988.884	2392.532	1.241
1626.922	502.794	1.000	14.803
12/11/2016 5:30:00 AM	286200.000	19.485	16.166
44.412	1989.124	2392.850	1.241
1627.138	502.734	1.000	14.810
12/11/2016 5:45:00 AM	287100.000	19.496	16.167
44.437	1989.548	2393.350	1.241
1627.478	502.627	1.000	14.803
12/11/2016 6:00:00 AM	288000.000	19.489	16.167
44.422	1989.834	2393.695	1.241
1627.712	502.554	1.000	14.809
12/11/2016 6:15:00 AM	288900.000	19.493	16.167
44.431	1989.807	2393.657	1.241
1627.687	502.561	1.000	14.810
12/11/2016 6:30:00 AM	289800.000	19.495	16.166
44.436	1989.874	2393.748	1.241
1627.749	502.544	1.000	14.811
12/11/2016 6:45:00 AM	290700.000	19.484	16.167
44.410	1990.238	2394.161	1.242
1628.030	502.452	1.000	14.817
12/11/2016 7:00:00 AM	291600.000	19.492	16.167
44.428	1990.401	2394.367	1.242
1628.170	502.411	1.000	14.812
12/11/2016 7:15:00 AM	292500.000	19.492	16.167
44.429	1990.286	2394.209	1.242
1628.062	502.440	1.000	14.814
12/11/2016 7:30:00 AM	293400.000	19.488	16.167
44.419	1990.016	2393.889	1.241
1627.845	502.508	1.000	14.815
12/11/2016 7:45:00 AM	294300.000	19.483	16.167
44.408	1989.837	2393.698	1.241
1627.714	502.554	1.000	14.817
12/11/2016 8:00:00 AM	295200.000	19.488	16.167

44.420	1989.753	2393.568	1.241
1627.626	502.575	1.000	14.810
12/11/2016 8:15:00 AM	296100.000	19.495	16.167
44.434	1989.319	2393.071	1.241
1627.288	502.684	1.000	14.816
12/11/2016 8:30:00 AM	297000.000	19.491	16.167
44.427	1989.324	2393.061	1.241
1627.282	502.683	1.000	14.816
12/11/2016 8:45:00 AM	297900.000	19.496	16.167
44.438	1989.115	2392.791	1.241
1627.098	502.736	1.000	14.814
12/11/2016 9:00:00 AM	298800.000	19.490	16.167
44.423	1988.849	2392.480	1.241
1626.886	502.803	1.000	14.820
12/11/2016 9:15:00 AM	299700.000	19.491	16.167
44.426	1988.517	2392.082	1.241
1626.616	502.887	1.000	14.820
12/11/2016 9:30:00 AM	300600.000	19.485	16.167
44.413	1988.219	2391.722	1.240
1626.371	502.963	1.000	14.826
12/11/2016 9:45:00 AM	301500.000	19.487	16.167
44.418	1987.628	2391.031	1.240
1625.901	503.112	1.000	14.824
12/11/2016 10:00:00 AM	302400.000	19.494	16.167
44.432	1987.802	2391.231	1.240
1626.037	503.068	1.000	14.822
12/11/2016 10:15:00 AM	303300.000	19.494	16.167
44.434	1987.206	2390.494	1.240
1625.536	503.219	1.000	14.820
12/11/2016 10:30:00 AM	304200.000	19.492	16.167
44.427	1987.523	2390.896	1.240
1625.809	503.139	1.000	14.818
12/11/2016 10:45:00 AM	305100.000	19.488	16.167
44.420	1987.687	2391.103	1.240
1625.950	503.097	1.000	14.821
12/11/2016 11:00:00 AM	306000.000	19.491	16.167
44.427	1987.734	2391.163	1.240
1625.991	503.085	1.000	14.818
12/11/2016 11:15:00 AM	306900.000	19.493	16.167
44.430	1987.821	2391.263	1.240
1626.059	503.063	1.000	14.819
12/11/2016 11:30:00 AM	307800.000	19.495	16.167
44.434	1987.565	2390.956	1.240
1625.850	503.128	1.000	14.812
12/11/2016 11:45:00 AM	308700.000	19.494	16.167
44.432	1988.506	2392.093	1.241
1626.623	502.890	1.000	14.816
12/11/2016 12:00:00 PM	309600.000	19.484	16.167
44.410	1988.489	2392.032	1.240
1626.582	502.895	1.000	14.816
12/11/2016 12:15:00 PM	310500.000	19.494	16.167
44.432	1988.857	2392.495	1.241
1626.897	502.801	1.000	14.806
12/11/2016 12:30:00 PM	311400.000	19.490	16.167
44.424	1989.270	2392.982	1.241

1627.228	502.697	1.000	14.806
12/11/2016 12:45:00 PM	312300.000	19.490	16.167
44.423	1990.306	2394.237	1.242
1628.081	502.435	1.000	14.805
12/11/2016 1:00:00 PM	313200.000	19.499	16.167
44.445	1990.943	2395.024	1.242
1628.617	502.274	1.000	14.799
12/11/2016 1:15:00 PM	314100.000	19.495	16.167
44.436	1991.505	2395.705	1.242
1629.079	502.133	1.000	14.798
12/11/2016 1:30:00 PM	315000.000	19.493	16.167
44.430	1991.928	2396.194	1.243
1629.412	502.026	1.000	14.800
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44.423	1992.902	2397.356	1.243
1630.202	501.781	1.000	14.803
12/11/2016 2:00:00 PM	316800.000	19.504	16.167
44.456	1993.529	2398.110	1.244
1630.715	501.623	1.000	14.799
12/11/2016 2:15:00 PM	317700.000	19.492	16.167
44.428	1993.516	2398.104	1.244
1630.711	501.626	1.000	14.803
12/11/2016 2:30:00 PM	318600.000	19.495	16.167
44.434	1994.281	2399.029	1.244
1631.340	501.434	1.000	14.807
12/11/2016 2:45:00 PM	319500.000	19.496	16.168
44.438	1994.877	2399.698	1.245
1631.794	501.284	1.000	14.802
12/11/2016 3:00:00 PM	320400.000	19.488	16.167
44.420	1994.634	2399.458	1.245
1631.632	501.345	1.000	14.809
12/11/2016 3:15:00 PM	321300.000	19.492	16.167
44.429	1995.290	2400.238	1.245
1632.162	501.180	1.000	14.803
12/11/2016 3:30:00 PM	322200.000	19.499	16.167
44.444	1995.950	2401.037	1.245
1632.705	501.015	1.000	14.804
12/11/2016 3:45:00 PM	323100.000	19.506	16.167
44.460	1996.828	2402.078	1.246
1633.413	500.794	1.000	14.805
12/11/2016 4:00:00 PM	324000.000	19.497	16.167
44.441	1997.714	2403.145	1.247
1634.138	500.572	1.000	14.802
12/11/2016 4:15:00 PM	324900.000	19.502	16.167
44.451	1997.531	2402.938	1.246
1633.998	500.618	1.000	14.801
12/11/2016 4:30:00 PM	325800.000	19.498	16.166
44.442	1998.302	2403.886	1.247
1634.642	500.425	1.000	14.799
12/11/2016 4:45:00 PM	326700.000	19.494	16.167
44.433	1998.354	2403.929	1.247
1634.672	500.412	1.000	14.800
12/11/2016 5:00:00 PM	327600.000	19.498	16.167
44.442	1998.884	2404.577	1.247
1635.112	500.279	1.000	14.797

12/11/2016 5:15:00 PM	328500.000	19.501	16.166
44.450	1999.151	2404.907	1.248
1635.337	500.212	1.000	14.791
12/11/2016 5:30:00 PM	329400.000	19.495	16.167
44.435	1999.617	2405.453	1.248
1635.708	500.096	1.000	14.794
12/11/2016 5:45:00 PM	330300.000	19.499	16.167
44.444	1999.932	2405.803	1.248
1635.946	500.017	1.000	14.794
12/11/2016 6:00:00 PM	331200.000	19.496	16.167
44.438	2000.129	2406.045	1.248
1636.110	499.968	1.000	14.797
12/11/2016 6:15:00 PM	332100.000	19.489	16.167
44.421	2000.638	2406.672	1.248
1636.537	499.841	1.000	14.800
12/11/2016 6:30:00 PM	333000.000	19.495	16.167
44.434	2000.544	2406.569	1.248
1636.467	499.864	1.000	14.800
12/11/2016 6:45:00 PM	333900.000	19.500	16.167
44.446	2000.992	2407.112	1.249
1636.837	499.752	1.000	14.794
12/11/2016 7:00:00 PM	334800.000	19.500	16.167
44.446	2000.765	2406.834	1.249
1636.647	499.809	1.000	14.791
12/11/2016 7:15:00 PM	335700.000	19.502	16.167
44.450	2000.999	2407.111	1.249
1636.836	499.750	1.000	14.793
12/11/2016 7:30:00 PM	336600.000	19.487	16.167
44.417	2001.152	2407.280	1.249
1636.951	499.712	1.000	14.799
12/11/2016 7:45:00 PM	337500.000	19.492	16.167
44.428	2001.134	2407.284	1.249
1636.953	499.717	1.000	14.795
12/11/2016 8:00:00 PM	338400.000	19.496	16.167
44.437	2001.073	2407.199	1.249
1636.896	499.732	1.000	14.792
12/11/2016 8:15:00 PM	339300.000	19.495	16.167
44.436	2000.960	2407.063	1.249
1636.803	499.760	1.000	14.797
12/11/2016 8:30:00 PM	340200.000	19.493	16.167
44.432	2000.694	2406.744	1.249
1636.586	499.827	1.000	14.798
12/11/2016 8:45:00 PM	341100.000	19.495	16.167
44.436	2000.377	2406.376	1.248
1636.336	499.906	1.000	14.798
12/11/2016 9:00:00 PM	342000.000	19.502	16.167
44.451	1999.240	2404.984	1.248
1635.389	500.190	1.000	14.790
12/11/2016 9:15:00 PM	342900.000	19.499	16.167
44.445	1998.901	2404.573	1.247
1635.110	500.275	1.000	14.793
12/11/2016 9:30:00 PM	343800.000	19.498	16.167
44.441	1997.654	2403.068	1.247
1634.086	500.587	1.000	14.795
12/11/2016 9:45:00 PM	344700.000	19.499	16.167

44.444	1995.896	2400.947	1.245
1632.644	501.028	1.000	14.789
12/11/2016 10:00:00 PM	345600.000	19.498	16.167
44.442	1994.061	2398.765	1.244
1631.160	501.489	1.000	14.794
12/11/2016 10:15:00 PM	346500.000	19.496	16.167
44.438	1991.853	2396.075	1.243
1629.331	502.045	1.000	14.792
12/11/2016 10:30:00 PM	347400.000	19.505	16.167
44.458	1989.568	2393.355	1.241
1627.482	502.622	1.000	14.791
12/11/2016 10:45:00 PM	348300.000	19.493	16.167
44.431	1987.443	2390.775	1.240
1625.727	503.159	1.000	14.799
12/11/2016 11:00:00 PM	349200.000	19.500	16.168
44.446	1984.341	2387.014	1.238
1623.170	503.946	1.000	14.795
12/11/2016 11:15:00 PM	350100.000	19.498	16.167
44.442	1983.276	2385.796	1.237
1622.341	504.216	1.000	14.794
12/11/2016 11:30:00 PM	351000.000	19.494	16.167
44.433	1982.208	2384.496	1.236
1621.457	504.488	1.000	14.797
12/11/2016 11:45:00 PM	351900.000	19.501	16.167
44.449	1980.866	2382.887	1.235
1620.363	504.830	1.000	14.796
12/12/2016 12:00:00 AM	352800.000	19.504	16.167
44.456	1979.539	2381.291	1.235
1619.278	505.168	1.000	14.791
12/12/2016 12:15:00 AM	353700.000	19.496	16.167
44.438	1978.385	2379.874	1.234
1618.314	505.463	1.000	14.799
12/12/2016 12:30:00 AM	354600.000	19.498	16.167
44.442	1978.280	2379.795	1.234
1618.261	505.490	1.000	14.790
12/12/2016 12:45:00 AM	355500.000	19.497	16.168
44.440	1977.693	2379.017	1.233
1617.732	505.640	1.000	14.795
12/12/2016 1:00:00 AM	356400.000	19.495	16.167
44.435	1977.408	2378.704	1.233
1617.519	505.712	1.000	14.798
12/12/2016 1:15:00 AM	357300.000	19.499	16.167
44.445	1977.565	2378.896	1.233
1617.649	505.672	1.000	14.797
12/12/2016 1:30:00 AM	358200.000	19.498	16.167
44.442	1977.369	2378.666	1.233
1617.493	505.722	1.000	14.794
12/12/2016 1:45:00 AM	359100.000	19.498	16.167
44.441	1977.380	2378.698	1.233
1617.514	505.720	1.000	14.794
12/12/2016 2:00:00 AM	360000.000	19.502	16.167
44.451	1977.523	2378.846	1.233
1617.615	505.683	1.000	14.790
12/12/2016 2:15:00 AM	360900.000	19.508	16.167
44.464	1978.292	2379.781	1.234

1618.251	505.486	1.000	14.789
12/12/2016 2:30:00 AM	361800.000	19.496	16.167
44.438	1978.534	2380.068	1.234
1618.446	505.425	1.000	14.797
12/12/2016 2:45:00 AM	362700.000	19.506	16.167
44.459	1979.359	2381.046	1.234
1619.111	505.214	1.000	14.795
12/12/2016 3:00:00 AM	363600.000	19.496	16.167
44.437	1979.601	2381.375	1.235
1619.335	505.152	1.000	14.795
12/12/2016 3:15:00 AM	364500.000	19.508	16.166
44.465	1980.591	2382.581	1.235
1620.155	504.900	1.000	14.787
12/12/2016 3:30:00 AM	365400.000	19.501	16.167
44.449	1981.485	2383.617	1.236
1620.860	504.672	1.000	14.793
12/12/2016 3:45:00 AM	366300.000	19.499	16.167
44.445	1983.093	2385.576	1.237
1622.192	504.263	1.000	14.789
12/12/2016 4:00:00 AM	367200.000	19.507	16.167
44.463	1984.860	2387.682	1.238
1623.624	503.814	1.000	14.787
12/12/2016 4:15:00 AM	368100.000	19.499	16.167
44.445	1986.532	2389.688	1.239
1624.988	503.390	1.000	14.787
12/12/2016 4:30:00 AM	369000.000	19.502	16.166
44.451	1988.270	2391.822	1.240
1626.439	502.950	1.000	14.790
12/12/2016 4:45:00 AM	369900.000	19.496	16.167
44.438	1989.877	2393.731	1.241
1627.737	502.544	1.000	14.798
12/12/2016 5:00:00 AM	370800.000	19.503	16.167
44.454	1991.761	2395.969	1.243
1629.259	502.068	1.000	14.788
12/12/2016 5:15:00 AM	371700.000	19.502	16.166
44.450	1992.870	2397.351	1.243
1630.199	501.789	1.000	14.787
12/12/2016 5:30:00 AM	372600.000	19.506	16.167
44.459	1994.556	2399.366	1.244
1631.569	501.365	1.000	14.786
12/12/2016 5:45:00 AM	373500.000	19.493	16.167
44.430	1996.201	2401.329	1.246
1632.904	500.952	1.000	14.794
12/12/2016 6:00:00 AM	374400.000	19.495	16.167
44.435	1997.984	2403.489	1.247
1634.373	500.504	1.000	14.794
12/12/2016 6:15:00 AM	375300.000	19.503	16.166
44.453	1999.565	2405.415	1.248
1635.682	500.109	1.000	14.794
12/12/2016 6:30:00 AM	376200.000	19.506	16.167
44.459	2000.628	2406.650	1.248
1636.522	499.843	1.000	14.792
12/12/2016 6:45:00 AM	377100.000	19.499	16.167
44.445	2002.240	2408.603	1.250
1637.850	499.441	1.000	14.796

12/12/2016 7:00:00 AM	378000.000	19.497	16.166
44.439	2003.634	2410.301	1.250
1639.005	499.093	1.000	14.797
12/12/2016 7:15:00 AM	378900.000	19.509	16.167
44.467	2005.183	2412.139	1.251
1640.255	498.708	1.000	14.790
12/12/2016 7:30:00 AM	379800.000	19.505	16.167
44.457	2006.144	2413.300	1.252
1641.044	498.469	1.000	14.796
12/12/2016 7:45:00 AM	380700.000	19.509	16.167
44.468	2007.581	2415.043	1.253
1642.230	498.112	1.000	14.788
12/12/2016 8:00:00 AM	381600.000	19.511	16.166
44.471	2008.091	2415.662	1.253
1642.650	497.985	1.000	14.794
12/12/2016 8:15:00 AM	382500.000	19.500	16.166
44.446	2008.164	2415.769	1.253
1642.723	497.967	1.000	14.802
12/12/2016 8:30:00 AM	383400.000	19.504	16.167
44.455	2009.431	2417.229	1.254
1643.716	497.653	1.000	14.801
12/12/2016 8:45:00 AM	384300.000	19.504	16.167
44.456	2010.569	2418.633	1.255
1644.670	497.372	1.000	14.805
12/12/2016 9:00:00 AM	385200.000	19.506	16.167
44.460	2010.525	2418.560	1.255
1644.620	497.383	1.000	14.808
12/12/2016 9:15:00 AM	386100.000	19.501	16.166
44.449	2010.247	2418.256	1.255
1644.414	497.451	1.000	14.809
12/12/2016 9:30:00 AM	387000.000	19.497	16.167
44.440	2009.926	2417.849	1.255
1644.137	497.531	1.000	14.811
12/12/2016 9:45:00 AM	387900.000	19.506	16.167
44.460	2008.888	2416.615	1.254
1643.298	497.788	1.000	14.808
12/12/2016 10:00:00 AM	388800.000	19.501	16.167
44.449	2008.557	2416.203	1.254
1643.018	497.870	1.000	14.816
12/12/2016 10:15:00 AM	389700.000	19.501	16.167
44.449	2007.893	2415.409	1.253
1642.478	498.035	1.000	14.810
12/12/2016 10:30:00 AM	390600.000	19.500	16.167
44.448	2007.009	2414.311	1.253
1641.732	498.254	1.000	14.812
12/12/2016 10:45:00 AM	391500.000	19.494	16.168
44.433	2005.893	2412.960	1.252
1640.813	498.531	1.000	14.812
12/12/2016 11:00:00 AM	392400.000	19.497	16.167
44.440	2004.568	2411.414	1.251
1639.761	498.861	1.000	14.811
12/12/2016 11:15:00 AM	393300.000	19.499	16.167
44.445	2003.674	2410.318	1.250
1639.016	499.083	1.000	14.809
12/12/2016 11:30:00 AM	394200.000	19.499	16.167

44.445	2002.912	2409.387	1.250
1638.383	499.273	1.000	14.799
12/12/2016 11:45:00 AM	395100.000	19.502	16.167
44.451	2002.455	2408.843	1.250
1638.013	499.387	1.000	14.798
12/12/2016 12:00:00 PM	396000.000	19.498	16.167
44.442	2002.361	2408.720	1.250
1637.930	499.410	1.000	14.794
12/12/2016 12:15:00 PM	396900.000	19.512	16.168
44.473	2002.815	2409.257	1.250
1638.295	499.297	1.000	14.779
12/12/2016 12:30:00 PM	397800.000	19.504	16.167
44.455	2003.161	2409.726	1.250
1638.614	499.211	1.000	14.785
12/12/2016 12:45:00 PM	398700.000	19.501	16.167
44.449	2004.265	2411.015	1.251
1639.491	498.936	1.000	14.783
12/12/2016 1:00:00 PM	399600.000	19.504	16.167
44.456	2005.390	2412.378	1.252
1640.417	498.656	1.000	14.777
12/12/2016 1:15:00 PM	400500.000	19.506	16.168
44.461	2006.398	2413.567	1.252
1641.226	498.406	1.000	14.784
12/12/2016 1:30:00 PM	401400.000	19.510	16.167
44.470	2007.360	2414.772	1.253
1642.045	498.167	1.000	14.774
12/12/2016 1:45:00 PM	402300.000	19.504	16.166
44.455	2007.564	2415.042	1.253
1642.229	498.116	1.000	14.788
12/12/2016 2:00:00 PM	403200.000	19.509	16.166
44.466	2007.592	2415.086	1.253
1642.258	498.109	1.000	14.783
12/12/2016 2:15:00 PM	404100.000	19.507	16.167
44.463	2007.484	2414.893	1.253
1642.127	498.136	1.000	14.777
12/12/2016 2:30:00 PM	405000.000	19.505	16.167
44.458	2007.661	2415.124	1.253
1642.285	498.092	1.000	14.781
12/12/2016 2:45:00 PM	405900.000	19.508	16.167
44.466	2007.966	2415.477	1.253
1642.525	498.016	1.000	14.776
12/12/2016 3:00:00 PM	406800.000	19.511	16.167
44.473	2007.965	2415.480	1.253
1642.526	498.017	1.000	14.779
12/12/2016 3:15:00 PM	407700.000	19.512	16.167
44.473	2008.559	2416.191	1.254
1643.010	497.869	1.000	14.775
12/12/2016 3:30:00 PM	408600.000	19.502	16.167
44.452	2008.986	2416.705	1.254
1643.359	497.763	1.000	14.778
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44.458	2009.195	2416.984	1.254
1643.550	497.712	1.000	14.780
12/12/2016 4:00:00 PM	410400.000	19.502	16.167
44.450	2009.120	2416.894	1.254

1643.488	497.730	1.000	14.776
12/12/2016 4:15:00 PM	411300.000	19.513	16.167
44.475	2009.918	2417.845	1.255
1644.135	497.533	1.000	14.772
12/12/2016 4:30:00 PM	412200.000	19.506	16.167
44.460	2009.873	2417.771	1.255
1644.085	497.544	1.000	14.773
12/12/2016 4:45:00 PM	413100.000	19.507	16.168
44.463	2010.808	2418.872	1.255
1644.833	497.313	1.000	14.767
12/12/2016 5:00:00 PM	414000.000	19.522	16.167
44.497	2010.965	2419.105	1.255
1644.992	497.274	1.000	14.766
12/12/2016 5:15:00 PM	414900.000	19.512	16.167
44.474	2011.288	2419.474	1.255
1645.242	497.194	1.000	14.772
12/12/2016 5:30:00 PM	415800.000	19.507	16.167
44.463	2011.398	2419.625	1.256
1645.345	497.167	1.000	14.777
12/12/2016 5:45:00 PM	416700.000	19.508	16.168
44.465	2011.385	2419.560	1.256
1645.301	497.170	1.000	14.773
12/12/2016 6:00:00 PM	417600.000	19.505	16.167
44.458	2011.357	2419.546	1.256
1645.292	497.177	1.000	14.779
12/12/2016 6:15:00 PM	418500.000	19.510	16.167
44.470	2011.135	2419.310	1.255
1645.130	497.232	1.000	14.780
12/12/2016 6:30:00 PM	419400.000	19.508	16.167
44.465	2011.276	2419.454	1.255
1645.229	497.197	1.000	14.775
12/12/2016 6:45:00 PM	420300.000	19.508	16.168
44.466	2010.964	2419.039	1.255
1644.947	497.274	1.000	14.772
12/12/2016 7:00:00 PM	421200.000	19.513	16.167
44.475	2010.576	2418.612	1.255
1644.656	497.370	1.000	14.772
12/12/2016 7:15:00 PM	422100.000	19.505	16.167
44.458	2010.235	2418.192	1.255
1644.371	497.454	1.000	14.779
12/12/2016 7:30:00 PM	423000.000	19.502	16.167
44.451	2009.678	2417.541	1.254
1643.928	497.592	1.000	14.779
12/12/2016 7:45:00 PM	423900.000	19.506	16.167
44.461	2009.134	2416.902	1.254
1643.494	497.727	1.000	14.775
12/12/2016 8:00:00 PM	424800.000	19.506	16.167
44.460	2008.500	2416.115	1.254
1642.958	497.884	1.000	14.778
12/12/2016 8:15:00 PM	425700.000	19.515	16.167
44.480	2008.105	2415.670	1.253
1642.656	497.982	1.000	14.776
12/12/2016 8:30:00 PM	426600.000	19.511	16.167
44.472	2007.477	2414.894	1.253
1642.128	498.138	1.000	14.771

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44.467 2006.878 2414.188 1.253
1641.648 498.286 1.000 14.771
12/12/2016 9:00:00 PM 428400.000 19.503 16.167
44.452 2006.505 2413.715 1.252
1641.326 498.379 1.000 14.779
12/12/2016 9:15:00 PM 429300.000 19.511 16.168
44.471 2006.231 2413.361 1.252
1641.085 498.447 1.000 14.780
12/12/2016 9:30:00 PM 430200.000 19.517 16.168
44.485 2005.472 2412.453 1.252
1640.468 498.636 1.000 14.775
12/12/2016 9:45:00 PM 431100.000 19.510 16.168
44.469 2005.365 2412.324 1.252
1640.380 498.662 1.000 14.780
12/12/2016 10:00:00 PM 432000.000 19.503 16.168
44.454 2004.375 2411.128 1.251
1639.568 498.909 1.000 14.781
12/12/2016 10:15:00 PM 432900.000 19.496 16.167
44.436 2003.972 2410.667 1.251
1639.254 499.009 1.000 14.786
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44.462 2003.646 2410.275 1.250
1638.987 499.090 1.000 14.775
12/12/2016 10:45:00 PM 434700.000 19.502 16.168
44.450 2003.575 2410.156 1.250
1638.906 499.108 1.000 14.780
12/12/2016 11:00:00 PM 435600.000 19.503 16.168
44.453 2003.076 2409.571 1.250
1638.509 499.232 1.000 14.782
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44.443 2002.780 2409.219 1.250
1638.269 499.306 1.000 14.786
12/12/2016 11:30:00 PM 437400.000 19.512 16.168
44.475 2002.664 2409.070 1.250
1638.167 499.335 1.000 14.772
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44.478 2002.097 2408.388 1.249
1637.704 499.476 1.000 14.778
12/13/2016 12:00:00 AM 439200.000 19.499 16.167
44.444 2001.541 2407.758 1.249
1637.276 499.615 1.000 14.786
12/13/2016 12:15:00 AM 440100.000 19.510 16.167
44.470 2001.867 2408.154 1.249
1637.545 499.534 1.000 14.777
12/13/2016 12:30:00 AM 441000.000 19.505 16.167
44.459 2001.503 2407.688 1.249
1637.228 499.625 1.000 14.784
12/13/2016 12:45:00 AM 441900.000 19.512 16.168
44.474 2001.354 2407.494 1.249
1637.096 499.662 1.000 14.780
12/13/2016 1:00:00 AM 442800.000 19.511 16.168
44.472 2000.877 2406.887 1.249
1636.683 499.781 1.000 14.777
12/13/2016 1:15:00 AM 443700.000 19.509 16.168

44.466	2000.804	2406.808	1.249
1636.629	499.799	1.000	14.779
12/13/2016 1:30:00 AM	444600.000	19.502	16.168
44.451	2000.474	2406.431	1.248
1636.373	499.882	1.000	14.782
12/13/2016 1:45:00 AM	445500.000	19.505	16.168
44.458	2000.722	2406.729	1.249
1636.576	499.820	1.000	14.786
12/13/2016 2:00:00 AM	446400.000	19.502	16.168
44.452	2000.740	2406.760	1.249
1636.597	499.815	1.000	14.789
12/13/2016 2:15:00 AM	447300.000	19.508	16.167
44.464	2000.268	2406.227	1.248
1636.235	499.933	1.000	14.784
12/13/2016 2:30:00 AM	448200.000	19.506	16.167
44.460	2000.418	2406.407	1.248
1636.357	499.896	1.000	14.786
12/13/2016 2:45:00 AM	449100.000	19.509	16.167
44.466	2000.541	2406.527	1.248
1636.438	499.865	1.000	14.787
12/13/2016 3:00:00 AM	450000.000	19.508	16.167
44.464	2000.637	2406.665	1.248
1636.532	499.841	1.000	14.790
12/13/2016 3:15:00 AM	450900.000	19.503	16.167
44.454	2001.039	2407.154	1.249
1636.865	499.740	1.000	14.786
12/13/2016 3:30:00 AM	451800.000	19.507	16.167
44.462	2001.350	2407.519	1.249
1637.113	499.663	1.000	14.783
12/13/2016 3:45:00 AM	452700.000	19.502	16.167
44.451	2001.330	2407.489	1.249
1637.093	499.668	1.000	14.780
12/13/2016 4:00:00 AM	453600.000	19.509	16.167
44.466	2001.382	2407.572	1.249
1637.149	499.655	1.000	14.780
12/13/2016 4:15:00 AM	454500.000	19.507	16.167
44.462	2002.369	2408.734	1.250
1637.939	499.409	1.000	14.780
12/13/2016 4:30:00 AM	455400.000	19.512	16.168
44.474	2002.969	2409.427	1.250
1638.411	499.259	1.000	14.774
12/13/2016 4:45:00 AM	456300.000	19.514	16.167
44.478	2003.030	2409.543	1.250
1638.490	499.244	1.000	14.777
12/13/2016 5:00:00 AM	457200.000	19.505	16.166
44.458	2004.304	2411.120	1.251
1639.562	498.926	1.000	14.775
12/13/2016 5:15:00 AM	458100.000	19.506	16.167
44.461	2005.073	2412.026	1.251
1640.178	498.735	1.000	14.776
12/13/2016 5:30:00 AM	459000.000	19.510	16.167
44.470	2005.895	2412.990	1.252
1640.833	498.531	1.000	14.776
12/13/2016 5:45:00 AM	459900.000	19.518	16.167
44.487	2006.551	2413.775	1.252

1641.367	498.368	1.000	14.773
12/13/2016 6:00:00 AM	460800.000	19.506	16.167
44.459	2007.107	2414.454	1.253
1641.829	498.229	1.000	14.779
12/13/2016 6:15:00 AM	461700.000	19.511	16.166
44.472	2008.119	2415.695	1.253
1642.673	497.979	1.000	14.777
12/13/2016 6:30:00 AM	462600.000	19.504	16.167
44.456	2009.159	2416.927	1.254
1643.511	497.721	1.000	14.784
12/13/2016 6:45:00 AM	463500.000	19.510	16.167
44.469	2009.776	2417.640	1.254
1643.995	497.568	1.000	14.781
12/13/2016 7:00:00 AM	464400.000	19.518	16.167
44.486	2010.303	2418.298	1.255
1644.443	497.437	1.000	14.785
12/13/2016 7:15:00 AM	465300.000	19.512	16.167
44.473	2011.019	2419.179	1.255
1645.042	497.260	1.000	14.786
12/13/2016 7:30:00 AM	466200.000	19.515	16.167
44.481	2012.113	2420.446	1.256
1645.903	496.990	1.000	14.782
12/13/2016 7:45:00 AM	467100.000	19.513	16.166
44.475	2012.466	2420.949	1.256
1646.245	496.903	1.000	14.790
12/13/2016 8:00:00 AM	468000.000	19.514	16.167
44.478	2013.654	2422.345	1.257
1647.194	496.610	1.000	14.791
12/13/2016 8:15:00 AM	468900.000	19.520	16.167
44.492	2013.753	2422.428	1.257
1647.251	496.585	1.000	14.794
12/13/2016 8:30:00 AM	469800.000	19.518	16.167
44.487	2014.698	2423.580	1.258
1648.035	496.352	1.000	14.795
12/13/2016 8:45:00 AM	470700.000	19.495	16.167
44.434	2015.064	2424.016	1.258
1648.331	496.262	1.000	14.812
12/13/2016 9:00:00 AM	471600.000	19.520	16.166
44.492	2015.046	2424.028	1.258
1648.339	496.267	1.000	14.798
12/13/2016 9:15:00 AM	472500.000	19.510	16.167
44.470	2015.325	2424.349	1.258
1648.557	496.198	1.000	14.809
12/13/2016 9:30:00 AM	473400.000	19.505	16.168
44.458	2015.649	2424.695	1.258
1648.793	496.118	1.000	14.810
12/13/2016 9:45:00 AM	474300.000	19.513	16.167
44.476	2015.523	2424.568	1.258
1648.706	496.149	1.000	14.804
12/13/2016 10:00:00 AM	475200.000	19.511	16.167
44.472	2015.778	2424.875	1.258
1648.915	496.086	1.000	14.811
12/13/2016 10:15:00 AM	476100.000	19.512	16.167
44.473	2016.275	2425.453	1.259
1649.308	495.964	1.000	14.811

12/13/2016 10:30:00 AM	477000.000	19.522	16.167
44.496	2016.220	2425.417	1.259
1649.283	495.978	1.000	14.807
12/13/2016 10:45:00 AM	477900.000	19.505	16.167
44.458	2016.522	2425.773	1.259
1649.526	495.903	1.000	14.813
12/13/2016 11:00:00 AM	478800.000	19.505	16.168
44.458	2016.539	2425.766	1.259
1649.521	495.899	1.000	14.810
12/13/2016 11:15:00 AM	479700.000	19.506	16.167
44.460	2017.079	2426.450	1.259
1649.986	495.766	1.000	14.803
12/13/2016 11:30:00 AM	480600.000	19.504	16.168
44.455	2017.053	2426.378	1.259
1649.937	495.773	1.000	14.803
12/13/2016 11:45:00 AM	481500.000	19.516	16.167
44.483	2017.383	2426.815	1.259
1650.234	495.692	1.000	14.796
12/13/2016 12:00:00 PM	482400.000	19.513	16.168
44.477	2017.536	2426.926	1.260
1650.310	495.654	1.000	14.797
12/13/2016 12:15:00 PM	483300.000	19.510	16.167
44.469	2017.547	2426.997	1.260
1650.358	495.651	1.000	14.790
12/13/2016 12:30:00 PM	484200.000	19.515	16.168
44.480	2017.707	2427.166	1.260
1650.473	495.612	1.000	14.783
12/13/2016 12:45:00 PM	485100.000	19.512	16.167
44.475	2018.672	2428.337	1.260
1651.269	495.375	1.000	14.782
12/13/2016 1:00:00 PM	486000.000	19.513	16.167
44.477	2018.119	2427.710	1.260
1650.843	495.511	1.000	14.779
12/13/2016 1:15:00 PM	486900.000	19.516	16.167
44.483	2018.443	2428.090	1.260
1651.101	495.431	1.000	14.778
12/13/2016 1:30:00 PM	487800.000	19.509	16.167
44.466	2018.851	2428.576	1.260
1651.432	495.331	1.000	14.780
12/13/2016 1:45:00 PM	488700.000	19.515	16.167
44.480	2018.595	2428.264	1.260
1651.220	495.394	1.000	14.770
12/13/2016 2:00:00 PM	489600.000	19.518	16.167
44.488	2019.240	2429.054	1.261
1651.757	495.236	1.000	14.766
12/13/2016 2:15:00 PM	490500.000	19.505	16.167
44.457	2019.176	2428.957	1.261
1651.691	495.252	1.000	14.780
12/13/2016 2:30:00 PM	491400.000	19.508	16.167
44.465	2019.203	2428.985	1.261
1651.710	495.245	1.000	14.778
12/13/2016 2:45:00 PM	492300.000	19.514	16.167
44.478	2019.851	2429.778	1.261
1652.249	495.086	1.000	14.777
12/13/2016 3:00:00 PM	493200.000	19.509	16.167

44.466	2019.659	2429.548	1.261
1652.093	495.133	1.000	14.776
12/13/2016 3:15:00 PM	494100.000	19.512	16.167
44.473	2020.119	2430.086	1.261
1652.459	495.020	1.000	14.770
12/13/2016 3:30:00 PM	495000.000	19.518	16.167
44.488	2020.810	2430.917	1.262
1653.024	494.851	1.000	14.769
12/13/2016 3:45:00 PM	495900.000	19.513	16.167
44.476	2021.161	2431.331	1.262
1653.305	494.765	1.000	14.773
12/13/2016 4:00:00 PM	496800.000	19.513	16.167
44.476	2021.309	2431.528	1.262
1653.439	494.729	1.000	14.771
12/13/2016 4:15:00 PM	497700.000	19.512	16.167
44.474	2021.638	2431.918	1.262
1653.705	494.648	1.000	14.771
12/13/2016 4:30:00 PM	498600.000	19.512	16.167
44.474	2021.773	2432.091	1.262
1653.822	494.615	1.000	14.769
12/13/2016 4:45:00 PM	499500.000	19.516	16.167
44.483	2022.610	2433.078	1.263
1654.493	494.411	1.000	14.767
12/13/2016 5:00:00 PM	500400.000	19.517	16.167
44.485	2022.330	2432.760	1.263
1654.277	494.479	1.000	14.766
12/13/2016 5:15:00 PM	501300.000	19.518	16.168
44.487	2022.594	2433.040	1.263
1654.467	494.415	1.000	14.767
12/13/2016 5:30:00 PM	502200.000	19.531	16.167
44.518	2022.934	2433.484	1.263
1654.769	494.331	1.000	14.761
12/13/2016 5:45:00 PM	503100.000	19.507	16.167
44.463	2023.026	2433.598	1.263
1654.847	494.309	1.000	14.774
12/13/2016 6:00:00 PM	504000.000	19.517	16.167
44.486	2023.502	2434.152	1.263
1655.223	494.193	1.000	14.771
12/13/2016 6:15:00 PM	504900.000	19.521	16.167
44.495	2023.701	2434.416	1.264
1655.403	494.144	1.000	14.772
12/13/2016 6:30:00 PM	505800.000	19.519	16.167
44.490	2024.370	2435.211	1.264
1655.943	493.981	1.000	14.775
12/13/2016 6:45:00 PM	506700.000	19.517	16.167
44.484	2024.561	2435.430	1.264
1656.092	493.934	1.000	14.774
12/13/2016 7:00:00 PM	507600.000	19.514	16.167
44.478	2024.140	2434.929	1.264
1655.752	494.037	1.000	14.774
12/13/2016 7:15:00 PM	508500.000	19.525	16.167
44.503	2024.924	2435.877	1.264
1656.397	493.846	1.000	14.775
12/13/2016 7:30:00 PM	509400.000	19.520	16.167
44.491	2024.546	2435.437	1.264

1656.097	493.938	1.000	14.768
12/13/2016 7:45:00 PM	510300.000	19.518	16.167
44.487	2024.686	2435.576	1.264
1656.192	493.904	1.000	14.773
12/13/2016 8:00:00 PM	511200.000	19.508	16.168
44.465	2024.626	2435.489	1.264
1656.132	493.918	1.000	14.777
12/13/2016 8:15:00 PM	512100.000	19.517	16.167
44.485	2024.612	2435.491	1.264
1656.134	493.922	1.000	14.777
12/13/2016 8:30:00 PM	513000.000	19.518	16.167
44.487	2025.425	2436.483	1.265
1656.809	493.724	1.000	14.777
12/13/2016 8:45:00 PM	513900.000	19.515	16.167
44.480	2024.688	2435.583	1.264
1656.196	493.903	1.000	14.776
12/13/2016 9:00:00 PM	514800.000	19.518	16.167
44.488	2025.251	2436.271	1.265
1656.664	493.766	1.000	14.781
12/13/2016 9:15:00 PM	515700.000	19.515	16.167
44.480	2025.189	2436.176	1.265
1656.600	493.781	1.000	14.776
12/13/2016 9:30:00 PM	516600.000	19.510	16.168
44.470	2025.219	2436.177	1.265
1656.600	493.774	1.000	14.777
12/13/2016 9:45:00 PM	517500.000	19.515	16.168
44.482	2025.456	2436.477	1.265
1656.805	493.716	1.000	14.779
12/13/2016 10:00:00 PM	518400.000	19.515	16.167
44.481	2025.289	2436.306	1.265
1656.688	493.757	1.000	14.780
12/13/2016 10:15:00 PM	519300.000	19.510	16.168
44.470	2025.700	2436.780	1.265
1657.011	493.657	1.000	14.793
12/13/2016 10:30:00 PM	520200.000	19.518	16.167
44.487	2025.883	2437.020	1.265
1657.174	493.612	1.000	14.786
12/13/2016 10:45:00 PM	521100.000	19.503	16.167
44.453	2025.460	2436.507	1.265
1656.825	493.715	1.000	14.793
12/13/2016 11:00:00 PM	522000.000	19.519	16.168
44.489	2025.877	2436.990	1.265
1657.153	493.613	1.000	14.785
12/13/2016 11:15:00 PM	522900.000	19.527	16.167
44.507	2025.601	2436.686	1.265
1656.947	493.681	1.000	14.777
12/13/2016 11:30:00 PM	523800.000	19.517	16.167
44.485	2025.361	2436.406	1.265
1656.756	493.739	1.000	14.785
12/13/2016 11:45:00 PM	524700.000	19.517	16.168
44.486	2025.905	2437.008	1.265
1657.165	493.607	1.000	14.778
12/14/2016 12:00:00 AM	525600.000	19.507	16.167
44.463	2025.657	2436.749	1.265
1656.989	493.667	1.000	14.787

12/14/2016 12:15:00 AM	526500.000	19.513	16.167
44.476	2026.125	2437.302	1.265
1657.365	493.553	1.000	14.782
12/14/2016 12:30:00 AM	527400.000	19.505	16.167
44.458	2026.066	2437.241	1.265
1657.324	493.567	1.000	14.784
12/14/2016 12:45:00 AM	528300.000	19.508	16.167
44.464	2026.350	2437.587	1.265
1657.559	493.498	1.000	14.783
12/14/2016 1:00:00 AM	529200.000	19.525	16.167
44.505	2026.789	2438.110	1.266
1657.915	493.391	1.000	14.776
12/14/2016 1:15:00 AM	530100.000	19.521	16.167
44.494	2026.646	2437.952	1.266
1657.808	493.426	1.000	14.767
12/14/2016 1:30:00 AM	531000.000	19.517	16.167
44.486	2026.448	2437.700	1.265
1657.636	493.474	1.000	14.775
12/14/2016 1:45:00 AM	531900.000	19.522	16.167
44.496	2027.083	2438.474	1.266
1658.162	493.320	1.000	14.770
12/14/2016 2:00:00 AM	532800.000	19.511	16.168
44.471	2027.254	2438.649	1.266
1658.282	493.278	1.000	14.776
12/14/2016 2:15:00 AM	533700.000	19.508	16.167
44.464	2027.335	2438.762	1.266
1658.358	493.258	1.000	14.779
12/14/2016 2:30:00 AM	534600.000	19.516	16.167
44.482	2027.149	2438.548	1.266
1658.213	493.304	1.000	14.779
12/14/2016 2:45:00 AM	535500.000	19.516	16.167
44.483	2028.036	2439.615	1.266
1658.938	493.088	1.000	14.780
12/14/2016 3:00:00 AM	536400.000	19.511	16.167
44.472	2027.772	2439.283	1.266
1658.713	493.152	1.000	14.779
12/14/2016 3:15:00 AM	537300.000	19.514	16.168
44.478	2028.218	2439.806	1.267
1659.068	493.044	1.000	14.779
12/14/2016 3:30:00 AM	538200.000	19.509	16.168
44.468	2028.582	2440.248	1.267
1659.369	492.955	1.000	14.783
12/14/2016 3:45:00 AM	539100.000	19.514	16.167
44.479	2028.613	2440.329	1.267
1659.424	492.948	1.000	14.778
12/14/2016 4:00:00 AM	540000.000	19.518	16.167
44.488	2029.222	2441.052	1.267
1659.915	492.800	1.000	14.767
12/14/2016 4:15:00 AM	540900.000	19.517	16.167
44.485	2028.657	2440.383	1.267
1659.460	492.937	1.000	14.767
12/14/2016 4:30:00 AM	541800.000	19.521	16.167
44.495	2029.547	2441.449	1.267
1660.185	492.721	1.000	14.763
12/14/2016 4:45:00 AM	542700.000	19.530	16.167

44.514	2029.176	2440.977	1.267
1659.864	492.811	1.000	14.755
12/14/2016 5:00:00 AM	543600.000	19.520	16.167
44.492	2030.145	2442.152	1.268
1660.663	492.576	1.000	14.757
12/14/2016 5:15:00 AM	544500.000	19.519	16.167
44.489	2029.875	2441.827	1.268
1660.443	492.641	1.000	14.763
12/14/2016 5:30:00 AM	545400.000	19.522	16.167
44.497	2030.004	2442.013	1.268
1660.569	492.610	1.000	14.758
12/14/2016 5:45:00 AM	546300.000	19.519	16.166
44.489	2030.241	2442.318	1.268
1660.776	492.552	1.000	14.762
12/14/2016 6:00:00 AM	547200.000	19.515	16.167
44.480	2030.278	2442.298	1.268
1660.763	492.543	1.000	14.763
12/14/2016 6:15:00 AM	548100.000	19.530	16.166
44.515	2030.853	2443.044	1.268
1661.270	492.404	1.000	14.760
12/14/2016 6:30:00 AM	549000.000	19.522	16.167
44.496	2030.885	2443.062	1.268
1661.282	492.396	1.000	14.759
12/14/2016 6:45:00 AM	549900.000	19.521	16.167
44.495	2031.881	2444.260	1.269
1662.097	492.155	1.000	14.764
12/14/2016 7:00:00 AM	550800.000	19.525	16.167
44.503	2031.945	2444.322	1.269
1662.139	492.139	1.000	14.765
12/14/2016 7:15:00 AM	551700.000	19.517	16.167
44.485	2031.833	2444.188	1.269
1662.048	492.166	1.000	14.769
12/14/2016 7:30:00 AM	552600.000	19.524	16.167
44.502	2032.356	2444.817	1.269
1662.476	492.040	1.000	14.760
12/14/2016 7:45:00 AM	553500.000	19.522	16.167
44.497	2032.195	2444.628	1.269
1662.347	492.079	1.000	14.759
12/14/2016 8:00:00 AM	554400.000	19.526	16.167
44.505	2032.562	2445.084	1.269
1662.657	491.990	1.000	14.755
12/14/2016 8:15:00 AM	555300.000	19.525	16.167
44.504	2033.463	2446.174	1.270
1663.398	491.772	1.000	14.761
12/14/2016 8:30:00 AM	556200.000	19.528	16.167
44.511	2033.652	2446.381	1.270
1663.539	491.726	1.000	14.764
12/14/2016 8:45:00 AM	557100.000	19.526	16.167
44.505	2033.749	2446.482	1.270
1663.608	491.703	1.000	14.761
12/14/2016 9:00:00 AM	558000.000	19.537	16.167
44.531	2034.357	2447.238	1.271
1664.122	491.556	1.000	14.757
12/14/2016 9:15:00 AM	558900.000	19.524	16.167
44.501	2034.317	2447.191	1.271

1664.090	491.565	1.000	14.777
12/14/2016 9:30:00 AM	559800.000	19.514	16.167
44.478	2034.581	2447.493	1.271
1664.295	491.502	1.000	14.773
12/14/2016 9:45:00 AM	560700.000	19.515	16.167
44.481	2034.230	2447.096	1.271
1664.025	491.587	1.000	14.775
12/14/2016 10:00:00 AM	561600.000	19.522	16.167
44.496	2034.814	2447.784	1.271
1664.493	491.445	1.000	14.770
12/14/2016 10:15:00 AM	562500.000	19.521	16.167
44.494	2035.214	2448.284	1.271
1664.833	491.349	1.000	14.773
12/14/2016 10:30:00 AM	563400.000	19.521	16.168
44.495	2035.351	2448.396	1.271
1664.909	491.316	1.000	14.769
12/14/2016 10:45:00 AM	564300.000	19.521	16.167
44.493	2035.291	2448.352	1.271
1664.880	491.330	1.000	14.774
12/14/2016 11:00:00 AM	565200.000	19.525	16.167
44.503	2035.836	2449.029	1.272
1665.340	491.199	1.000	14.769
12/14/2016 11:15:00 AM	566100.000	19.517	16.167
44.486	2035.767	2448.911	1.272
1665.259	491.215	1.000	14.768
12/14/2016 11:30:00 AM	567000.000	19.521	16.167
44.494	2035.946	2449.131	1.272
1665.409	491.172	1.000	14.768
12/14/2016 11:45:00 AM	567900.000	19.526	16.167
44.506	2035.587	2448.689	1.271
1665.109	491.259	1.000	14.766
12/14/2016 12:00:00 PM	568800.000	19.524	16.167
44.501	2035.763	2448.941	1.272
1665.280	491.216	1.000	14.756
12/14/2016 12:15:00 PM	569700.000	19.527	16.167
44.507	2036.257	2449.505	1.272
1665.663	491.097	1.000	14.757
12/14/2016 12:30:00 PM	570600.000	19.525	16.167
44.503	2036.230	2449.458	1.272
1665.631	491.104	1.000	14.749
12/14/2016 12:45:00 PM	571500.000	19.521	16.168
44.495	2036.015	2449.188	1.272
1665.448	491.156	1.000	14.750
12/14/2016 1:00:00 PM	572400.000	19.520	16.168
44.492	2036.327	2449.564	1.272
1665.703	491.080	1.000	14.750
12/14/2016 1:15:00 PM	573300.000	19.523	16.167
44.499	2036.332	2449.580	1.272
1665.715	491.079	1.000	14.751
12/14/2016 1:30:00 PM	574200.000	19.528	16.168
44.509	2036.379	2449.617	1.272
1665.739	491.068	1.000	14.750
12/14/2016 1:45:00 PM	575100.000	19.519	16.167
44.490	2036.312	2449.591	1.272
1665.722	491.084	1.000	14.747

12/14/2016 2:00:00 PM	576000.000	19.516	16.167
44.484	2037.019	2450.437	1.272
1666.297	490.913	1.000	14.742
12/14/2016 2:15:00 PM	576900.000	19.521	16.167
44.495	2036.815	2450.176	1.272
1666.120	490.963	1.000	14.743
12/14/2016 2:30:00 PM	577800.000	19.522	16.167
44.497	2036.633	2449.943	1.272
1665.961	491.006	1.000	14.747
12/14/2016 2:45:00 PM	578700.000	19.523	16.167
44.499	2036.955	2450.365	1.272
1666.248	490.929	1.000	14.740
12/14/2016 3:00:00 PM	579600.000	19.515	16.167
44.481	2037.662	2451.190	1.273
1666.809	490.758	1.000	14.747
12/14/2016 3:15:00 PM	580500.000	19.534	16.167
44.524	2037.487	2450.975	1.273
1666.663	490.801	1.000	14.736
12/14/2016 3:30:00 PM	581400.000	19.517	16.167
44.485	2037.145	2450.573	1.272
1666.390	490.883	1.000	14.742
12/14/2016 3:45:00 PM	582300.000	19.524	16.167
44.500	2037.873	2451.458	1.273
1666.991	490.708	1.000	14.736
12/14/2016 4:00:00 PM	583200.000	19.525	16.167
44.504	2037.825	2451.391	1.273
1666.946	490.719	1.000	14.731
12/14/2016 4:15:00 PM	584100.000	19.514	16.167
44.478	2037.646	2451.181	1.273
1666.803	490.762	1.000	14.744
12/14/2016 4:30:00 PM	585000.000	19.525	16.167
44.503	2037.818	2451.388	1.273
1666.944	490.721	1.000	14.739
12/14/2016 4:45:00 PM	585900.000	19.529	16.167
44.514	2038.231	2451.870	1.273
1667.272	490.621	1.000	14.736
12/14/2016 5:00:00 PM	586800.000	19.524	16.167
44.502	2038.058	2451.666	1.273
1667.133	490.663	1.000	14.738
12/14/2016 5:15:00 PM	587700.000	19.528	16.167
44.510	2038.716	2452.458	1.273
1667.671	490.505	1.000	14.740
12/14/2016 5:30:00 PM	588600.000	19.524	16.168
44.501	2038.528	2452.212	1.273
1667.504	490.550	1.000	14.740
12/14/2016 5:45:00 PM	589500.000	19.531	16.168
44.517	2038.595	2452.293	1.273
1667.559	490.534	1.000	14.738
12/14/2016 6:00:00 PM	590400.000	19.525	16.167
44.503	2039.242	2453.115	1.274
1668.118	490.378	1.000	14.741
12/14/2016 6:15:00 PM	591300.000	19.521	16.168
44.495	2038.576	2452.265	1.273
1667.540	490.539	1.000	14.739
12/14/2016 6:30:00 PM	592200.000	19.526	16.168

44.506	2039.413	2453.266	1.274
1668.221	490.337	1.000	14.737
12/14/2016 6:45:00 PM	593100.000	19.534	16.167
44.524	2038.765	2452.526	1.274
1667.718	490.493	1.000	14.737
12/14/2016 7:00:00 PM	594000.000	19.526	16.167
44.506	2039.104	2452.944	1.274
1668.002	490.412	1.000	14.736
12/14/2016 7:15:00 PM	594900.000	19.523	16.167
44.498	2039.105	2452.936	1.274
1667.997	490.411	1.000	14.742
12/14/2016 7:30:00 PM	595800.000	19.536	16.168
44.528	2039.242	2453.052	1.274
1668.075	490.378	1.000	14.732
12/14/2016 7:45:00 PM	596700.000	19.528	16.167
44.511	2039.480	2453.367	1.274
1668.290	490.321	1.000	14.733
12/14/2016 8:00:00 PM	597600.000	19.525	16.168
44.504	2039.972	2453.945	1.274
1668.682	490.203	1.000	14.730
12/14/2016 8:15:00 PM	598500.000	19.528	16.167
44.510	2039.477	2453.363	1.274
1668.287	490.322	1.000	14.730
12/14/2016 8:30:00 PM	599400.000	19.520	16.168
44.492	2039.746	2453.677	1.274
1668.500	490.257	1.000	14.735
12/14/2016 8:45:00 PM	600300.000	19.535	16.167
44.526	2039.732	2453.675	1.274
1668.499	490.261	1.000	14.736
12/14/2016 9:00:00 PM	601200.000	19.518	16.168
44.488	2040.245	2454.262	1.274
1668.898	490.137	1.000	14.746
12/14/2016 9:15:00 PM	602100.000	19.524	16.167
44.502	2040.149	2454.182	1.274
1668.844	490.160	1.000	14.743
12/14/2016 9:30:00 PM	603000.000	19.533	16.167
44.521	2040.605	2454.745	1.275
1669.227	490.051	1.000	14.743
12/14/2016 9:45:00 PM	603900.000	19.522	16.168
44.496	2040.693	2454.806	1.275
1669.268	490.030	1.000	14.743
12/14/2016 10:00:00 PM	604800.000	19.529	16.167
44.512	2040.667	2454.796	1.275
1669.261	490.036	1.000	14.744
12/14/2016 10:15:00 PM	605700.000	19.525	16.168
44.503	2040.666	2454.789	1.275
1669.257	490.036	1.000	14.744
12/14/2016 10:30:00 PM	606600.000	19.529	16.168
44.513	2040.609	2454.710	1.275
1669.203	490.050	1.000	14.738
12/14/2016 10:45:00 PM	607500.000	19.516	16.168
44.484	2040.469	2454.547	1.275
1669.092	490.083	1.000	14.745
12/14/2016 11:00:00 PM	608400.000	19.520	16.167
44.493	2040.405	2454.479	1.275

1669.046	490.099	1.000	14.742
12/14/2016 11:15:00 PM	609300.000	19.530	16.168
44.515	2040.974	2455.150	1.275
1669.502	489.962	1.000	14.742
12/14/2016 11:30:00 PM	610200.000	19.523	16.168
44.498	2040.545	2454.628	1.275
1669.147	490.065	1.000	14.741
12/14/2016 11:45:00 PM	611100.000	19.523	16.168
44.499	2041.043	2455.227	1.275
1669.554	489.946	1.000	14.744

Report Date: 12/19/2016 10:30:09 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-9D LT Test_2016-12-15_15-03-55-304-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/14/2016 6:00:40 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53:47 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56:59 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46:54 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36:38 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25:56 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32:15 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:24:10 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02:30 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37:37 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 2:46:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08:18 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 3:45:31 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 1:49:21 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22:30 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13:28 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50:50 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:23:46 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49:47 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:13:45 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20:24 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53:22 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47:24 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19:31 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start

Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
7/8/2016 11:34:38 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 5:29:33 PM Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM
7/21/2016 10:12:11 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
7/28/2016 5:56:19 PM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
8/4/2016 2:32:07 PM Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM
8/11/2016 10:18:10 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
8/18/2016 3:13:55 PM Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM
8/25/2016 12:04:26 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 1:00:00 PM
9/1/2016 3:44:13 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 4:15:00 PM
9/8/2016 6:04:39 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:45:00 PM
9/15/2016 2:29:01 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:00:00 PM
9/22/2016 12:18:03 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:15:00 PM
10/1/2016 11:00:05 AM Log Download - Used Battery: 13% Used Memory: 32% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:44:07 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:30:00 PM
10/13/2016 4:03:20 PM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:28:07 PM Log Download - Used Battery: 14% Used Memory: 34% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 5:00:00 PM
10/27/2016 4:52:39 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:04:45 PM Log Download - Used Battery: 15% Used Memory: 35% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 7:53:11 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 5:30:00 PM
11/17/2016 3:19:14 PM Log Download - Used Battery: 16% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/24/2016 12:07:34 PM Log Download - Used Battery: 16% Used Memory: 39% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 12:00:00 PM
12/2/2016 7:32:13 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 5:15:00 PM
12/9/2016 9:11:00 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 6:30:00 PM
12/15/2016 3:02:37 PM Log Download - Used Battery: 17% Used Memory: 42% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/19/2016 10:15:33 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 740
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 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#: 437458 SN#: 437458 SN#: 437458 SN#: 437458 SN#: 437458 SN#: 437458 SN#: 437458 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)
12/8/2016 12:00:00 AM	7200.000	152.500	21.112	352.119	717.623	775.189	0.383	527.128	1393.489	0.998	14.776
12/8/2016 12:15:00 AM	8100.000	152.499	21.108	352.114	716.881	774.458	0.383	526.631	1394.932	0.998	14.783
12/8/2016 12:30:00 AM	9000.000	152.510	21.112	352.142	715.855	773.285	0.382	525.834	1396.930	0.998	14.783
12/8/2016 12:45:00 AM	9900.000	152.526	21.105	352.177	716.399	773.981	0.383	526.307	1395.870	0.998	14.771
12/8/2016 1:00:00 AM	10800.000	152.485	21.109	352.083	716.489	774.012	0.383	526.328	1395.695	0.998	14.774
12/8/2016 1:15:00 AM	11700.000	152.526	21.107	352.178	716.686	774.257	0.383	526.495	1395.312	0.998	14.774
12/8/2016 1:30:00 AM	12600.000	152.533	21.115	352.193	716.677	774.122	0.383	526.403	1395.328	0.998	14.771
12/8/2016 1:45:00 AM	13500.000	152.542	21.109	352.216	716.150	773.639	0.382	526.075	1396.355	0.998	14.769
12/8/2016 2:00:00 AM	14400.000	152.559	21.109	352.254	716.063	773.557	0.382	526.019	1396.526	0.998	14.768
12/8/2016 2:15:00 AM	15300.000	152.569	21.102	352.277	715.938	773.524	0.382	525.996	1396.768	0.998	14.766
12/8/2016 2:30:00 AM	16200.000	152.553	21.107	352.240	716.432	773.978	0.383				

526.305	1395.807	0.998	14.772
12/8/2016 2:45:00 AM	17100.000	152.557	21.104
352.249	716.397	773.990	0.383
526.313	1395.875	0.998	14.770
12/8/2016 3:00:00 AM	18000.000	152.562	21.095
352.260	716.058	773.773	0.383
526.166	1396.534	0.998	14.765
12/8/2016 3:15:00 AM	18900.000	152.575	21.110
352.291	716.244	773.723	0.383
526.132	1396.173	0.998	14.765
12/8/2016 3:30:00 AM	19800.000	152.584	21.101
352.311	716.788	774.466	0.383
526.637	1395.113	0.998	14.761
12/8/2016 3:45:00 AM	20700.000	152.598	21.101
352.344	717.065	774.762	0.383
526.838	1394.574	0.998	14.757
12/8/2016 4:00:00 AM	21600.000	152.554	21.112
352.242	716.999	774.507	0.383
526.665	1394.703	0.998	14.767
12/8/2016 4:15:00 AM	22500.000	152.601	21.106
352.351	716.365	773.929	0.383
526.272	1395.936	0.998	14.760
12/8/2016 4:30:00 AM	23400.000	152.617	21.108
352.387	716.156	773.664	0.382
526.092	1396.344	0.998	14.760
12/8/2016 4:45:00 AM	24300.000	152.610	21.111
352.372	716.142	773.606	0.382
526.052	1396.371	0.998	14.763
12/8/2016 5:00:00 AM	25200.000	152.625	21.114
352.406	716.110	773.518	0.382
525.992	1396.434	0.998	14.762
12/8/2016 5:15:00 AM	26100.000	152.601	21.105
352.351	715.643	773.159	0.382
525.748	1397.344	0.998	14.757
12/8/2016 5:30:00 AM	27000.000	152.634	21.113
352.427	715.463	772.838	0.382
525.530	1397.697	0.998	14.769
12/8/2016 5:45:00 AM	27900.000	152.641	21.101
352.443	714.942	772.473	0.382
525.282	1398.715	0.998	14.770
12/8/2016 6:00:00 AM	28800.000	152.659	21.113
352.485	715.039	772.375	0.382
525.215	1398.525	0.998	14.770
12/8/2016 6:15:00 AM	29700.000	152.669	21.103
352.507	714.660	772.126	0.382
525.045	1399.267	0.998	14.766
12/8/2016 6:30:00 AM	30600.000	152.617	21.114
352.389	714.664	771.966	0.382
524.937	1399.258	0.998	14.779
12/8/2016 6:45:00 AM	31500.000	152.667	21.108
352.503	714.453	771.829	0.382
524.844	1399.673	0.998	14.770
12/8/2016 7:00:00 AM	32400.000	152.676	21.108
352.523	714.317	771.685	0.381
524.746	1399.939	0.998	14.778

12/8/2016 7:15:00 AM	33300.000	152.683	21.120
352.541	714.603	771.800	0.382
524.824	1399.379	0.998	14.782
12/8/2016 7:30:00 AM	34200.000	152.697	21.118
352.573	714.201	771.398	0.381
524.551	1400.167	0.998	14.773
12/8/2016 7:45:00 AM	35100.000	152.699	21.112
352.577	713.924	771.201	0.381
524.416	1400.710	0.998	14.779
12/8/2016 8:00:00 AM	36000.000	152.701	21.112
352.582	713.246	770.455	0.381
523.909	1402.041	0.998	14.783
12/8/2016 8:15:00 AM	36900.000	152.716	21.107
352.617	712.971	770.248	0.381
523.769	1402.581	0.998	14.782
12/8/2016 8:30:00 AM	37800.000	152.711	21.103
352.606	712.527	769.827	0.381
523.482	1403.455	0.998	14.787
12/8/2016 8:45:00 AM	38700.000	152.716	21.112
352.616	712.521	769.683	0.380
523.385	1403.467	0.998	14.793
12/8/2016 9:00:00 AM	39600.000	152.737	21.103
352.665	712.483	769.785	0.380
523.454	1403.542	0.998	14.795
12/8/2016 9:15:00 AM	40500.000	152.688	21.111
352.552	712.663	769.847	0.381
523.496	1403.188	0.998	14.797
12/8/2016 9:30:00 AM	41400.000	152.731	21.118
352.651	713.526	770.667	0.381
524.053	1401.491	0.998	14.798
12/8/2016 9:45:00 AM	42300.000	152.741	21.113
352.675	713.237	770.438	0.381
523.898	1402.058	0.998	14.809
12/8/2016 10:00:00 AM	43200.000	152.736	21.106
352.664	713.171	770.473	0.381
523.922	1402.187	0.998	14.814
12/8/2016 10:15:00 AM	44100.000	152.759	21.100
352.716	713.021	770.406	0.381
523.876	1402.484	0.998	14.809
12/8/2016 10:30:00 AM	45000.000	152.763	21.108
352.726	713.256	770.533	0.381
523.962	1402.021	0.998	14.803
12/8/2016 10:45:00 AM	45900.000	152.754	21.100
352.703	713.256	770.670	0.381
524.056	1402.021	0.998	14.808
12/8/2016 11:00:00 AM	46800.000	152.752	21.109
352.699	713.325	770.596	0.381
524.005	1401.885	0.998	14.812
12/8/2016 11:15:00 AM	47700.000	152.763	21.109
352.724	713.345	770.615	0.381
524.019	1401.847	0.998	14.803
12/8/2016 11:30:00 AM	48600.000	152.734	21.111
352.657	713.300	770.531	0.381
523.961	1401.935	0.998	14.796
12/8/2016 11:45:00 AM	49500.000	152.764	21.113

352.727	712.990	770.166	0.381
523.713	1402.544	0.998	14.799
12/8/2016 12:00:00 PM	50400.000	152.782	21.110
352.770	712.716	769.920	0.381
523.545	1403.084	0.998	14.792
12/8/2016 12:15:00 PM	51300.000	152.746	21.103
352.686	712.647	769.958	0.381
523.571	1403.219	0.998	14.790
12/8/2016 12:30:00 PM	52200.000	152.790	21.099
352.787	712.365	769.722	0.380
523.411	1403.776	0.998	14.791
12/8/2016 12:45:00 PM	53100.000	152.785	21.107
352.775	712.663	769.910	0.381
523.539	1403.188	0.998	14.798
12/8/2016 1:00:00 PM	54000.000	152.793	21.111
352.795	712.390	769.550	0.380
523.294	1403.725	0.998	14.792
12/8/2016 1:15:00 PM	54900.000	152.794	21.108
352.796	712.476	769.687	0.380
523.387	1403.557	0.998	14.796
12/8/2016 1:30:00 PM	55800.000	152.786	21.114
352.779	712.727	769.865	0.381
523.508	1403.061	0.998	14.796
12/8/2016 1:45:00 PM	56700.000	152.789	21.112
352.786	712.594	769.760	0.380
523.437	1403.323	0.998	14.796
12/8/2016 2:00:00 PM	57600.000	152.803	21.118
352.817	712.544	769.609	0.380
523.334	1403.421	0.998	14.796
12/8/2016 2:15:00 PM	58500.000	152.765	21.100
352.730	712.346	769.673	0.380
523.378	1403.811	0.998	14.797
12/8/2016 2:30:00 PM	59400.000	152.809	21.104
352.832	712.095	769.346	0.380
523.156	1404.307	0.998	14.799
12/8/2016 2:45:00 PM	60300.000	152.798	21.117
352.805	712.296	769.348	0.380
523.157	1403.910	0.998	14.804
12/8/2016 3:00:00 PM	61200.000	152.819	21.112
352.855	712.187	769.311	0.380
523.131	1404.126	0.998	14.795
12/8/2016 3:15:00 PM	62100.000	152.808	21.108
352.830	712.128	769.323	0.380
523.140	1404.243	0.998	14.805
12/8/2016 3:30:00 PM	63000.000	152.820	21.106
352.856	712.485	769.737	0.380
523.421	1403.538	0.998	14.798
12/8/2016 3:45:00 PM	63900.000	152.831	21.098
352.881	712.194	769.549	0.380
523.293	1404.111	0.998	14.798
12/8/2016 4:00:00 PM	64800.000	152.819	21.113
352.854	712.790	769.956	0.381
523.570	1402.937	0.998	14.806
12/8/2016 4:15:00 PM	65700.000	152.831	21.114
352.883	712.982	770.152	0.381

523.703	1402.559	0.998	14.804
12/8/2016 4:30:00 PM	66600.000	152.822	21.112
352.861	712.766	769.938	0.381
523.558	1402.985	0.998	14.805
12/8/2016 4:45:00 PM	67500.000	152.832	21.114
352.885	713.101	770.274	0.381
523.787	1402.326	0.998	14.795
12/8/2016 5:00:00 PM	68400.000	152.834	21.110
352.890	712.557	769.755	0.380
523.433	1403.397	0.998	14.811
12/8/2016 5:15:00 PM	69300.000	152.831	21.117
352.882	712.962	770.079	0.381
523.654	1402.599	0.998	14.805
12/8/2016 5:30:00 PM	70200.000	152.840	21.115
352.904	712.699	769.822	0.381
523.479	1403.118	0.998	14.797
12/8/2016 5:45:00 PM	71100.000	152.809	21.104
352.832	712.348	769.616	0.380
523.339	1403.809	0.998	14.808
12/8/2016 6:00:00 PM	72000.000	152.855	21.109
352.938	712.383	769.583	0.380
523.317	1403.740	0.998	14.808
12/8/2016 6:15:00 PM	72900.000	152.848	21.117
352.922	712.554	769.639	0.380
523.355	1403.403	0.998	14.807
12/8/2016 6:30:00 PM	73800.000	152.852	21.107
352.931	712.214	769.426	0.380
523.210	1404.072	0.998	14.815
12/8/2016 6:45:00 PM	74700.000	152.850	21.109
352.925	711.896	769.053	0.380
522.956	1404.700	0.998	14.811
12/8/2016 7:00:00 PM	75600.000	152.858	21.110
352.945	712.044	769.201	0.380
523.057	1404.407	0.998	14.812
12/8/2016 7:15:00 PM	76500.000	152.861	21.112
352.952	712.212	769.348	0.380
523.157	1404.075	0.998	14.810
12/8/2016 7:30:00 PM	77400.000	152.873	21.100
352.979	712.379	769.710	0.380
523.403	1403.747	0.998	14.815
12/8/2016 7:45:00 PM	78300.000	152.873	21.104
352.979	712.641	769.934	0.381
523.555	1403.231	0.998	14.818
12/8/2016 8:00:00 PM	79200.000	152.865	21.104
352.960	713.378	770.724	0.381
524.092	1401.782	0.998	14.818
12/8/2016 8:15:00 PM	80100.000	152.873	21.111
352.980	713.503	770.759	0.381
524.116	1401.535	0.998	14.827
12/8/2016 8:30:00 PM	81000.000	152.877	21.107
352.988	713.232	770.528	0.381
523.959	1402.069	0.998	14.826
12/8/2016 8:45:00 PM	81900.000	152.884	21.104
353.004	713.131	770.469	0.381
523.919	1402.267	0.998	14.826

12/8/2016 9:00:00 PM	82800.000	152.883	21.108
353.002	713.178	770.456	0.381
523.910	1402.175	0.998	14.829
12/8/2016 9:15:00 PM	83700.000	152.875	21.111
352.984	713.223	770.445	0.381
523.902	1402.087	0.998	14.828
12/8/2016 9:30:00 PM	84600.000	152.879	21.108
352.994	713.477	770.782	0.381
524.132	1401.588	0.998	14.825
12/8/2016 9:45:00 PM	85500.000	152.884	21.116
353.004	713.841	771.040	0.381
524.307	1400.873	0.998	14.838
12/8/2016 10:00:00 PM	86400.000	152.865	21.101
352.960	713.958	771.409	0.381
524.558	1400.642	0.998	14.830
12/8/2016 10:15:00 PM	87300.000	152.888	21.111
353.015	713.977	771.265	0.381
524.460	1400.606	0.998	14.838
12/8/2016 10:30:00 PM	88200.000	152.890	21.113
353.018	714.202	771.472	0.381
524.601	1400.164	0.998	14.840
12/8/2016 10:45:00 PM	89100.000	152.904	21.104
353.050	714.238	771.660	0.381
524.729	1400.093	0.998	14.835
12/8/2016 11:00:00 PM	90000.000	152.905	21.113
353.052	714.396	771.686	0.381
524.747	1399.784	0.998	14.836
12/8/2016 11:15:00 PM	90900.000	152.889	21.108
353.017	714.144	771.487	0.381
524.611	1400.279	0.998	14.841
12/8/2016 11:30:00 PM	91800.000	152.902	21.107
353.045	713.735	771.076	0.381
524.332	1401.080	0.998	14.837
12/8/2016 11:45:00 PM	92700.000	152.906	21.102
353.055	713.853	771.279	0.381
524.469	1400.849	0.998	14.836
12/9/2016 12:00:00 AM	93600.000	152.902	21.093
353.045	714.015	771.592	0.381
524.682	1400.530	0.998	14.835
12/9/2016 12:15:00 AM	94500.000	152.919	21.094
353.086	714.243	771.827	0.382
524.843	1400.083	0.998	14.840
12/9/2016 12:30:00 AM	95400.000	152.916	21.103
353.079	714.308	771.752	0.381
524.792	1399.956	0.998	14.831
12/9/2016 12:45:00 AM	96300.000	152.915	21.109
353.077	714.924	772.317	0.382
525.176	1398.750	0.998	14.836
12/9/2016 1:00:00 AM	97200.000	152.911	21.090
353.067	714.145	771.777	0.382
524.808	1400.276	0.998	14.838
12/9/2016 1:15:00 AM	98100.000	152.906	21.109
353.056	714.611	771.981	0.382
524.947	1399.363	0.998	14.839
12/9/2016 1:30:00 AM	99000.000	152.905	21.114

353.053	715.060	772.384	0.382
525.221	1398.484	0.998	14.839
12/9/2016 1:45:00 AM	99900.000	152.913	21.112
353.072	714.831	772.170	0.382
525.075	1398.932	0.998	14.842
12/9/2016 2:00:00 AM	100800.000	152.907	21.114
353.057	714.961	772.276	0.382
525.148	1398.677	0.998	14.843
12/9/2016 2:15:00 AM	101700.000	152.915	21.113
353.077	714.570	771.876	0.382
524.876	1399.444	0.998	14.839
12/9/2016 2:30:00 AM	102600.000	152.923	21.103
353.096	714.078	771.497	0.381
524.618	1400.407	0.998	14.837
12/9/2016 2:45:00 AM	103500.000	152.924	21.110
353.097	714.177	771.495	0.381
524.617	1400.213	0.998	14.837
12/9/2016 3:00:00 AM	104400.000	152.893	21.101
353.024	713.689	771.119	0.381
524.361	1401.170	0.998	14.833
12/9/2016 3:15:00 AM	105300.000	152.932	21.114
353.115	713.907	771.148	0.381
524.380	1400.743	0.998	14.828
12/9/2016 3:30:00 AM	106200.000	152.931	21.121
353.112	713.845	770.960	0.381
524.253	1400.864	0.998	14.834
12/9/2016 3:45:00 AM	107100.000	152.947	21.113
353.150	713.663	770.889	0.381
524.204	1401.221	0.998	14.832
12/9/2016 4:00:00 AM	108000.000	152.944	21.109
353.143	713.349	770.626	0.381
524.026	1401.838	0.998	14.830
12/9/2016 4:15:00 AM	108900.000	152.935	21.117
353.122	714.291	771.509	0.381
524.626	1399.990	0.998	14.836
12/9/2016 4:30:00 AM	109800.000	152.926	21.105
353.101	713.779	771.156	0.381
524.386	1400.993	0.998	14.832
12/9/2016 4:45:00 AM	110700.000	152.944	21.112
353.143	714.220	771.507	0.381
524.625	1400.128	0.998	14.837
12/9/2016 5:00:00 AM	111600.000	152.968	21.117
353.197	714.115	771.328	0.381
524.503	1400.335	0.998	14.832
12/9/2016 5:15:00 AM	112500.000	152.967	21.108
353.195	713.460	770.755	0.381
524.113	1401.621	0.998	14.833
12/9/2016 5:30:00 AM	113400.000	152.975	21.108
353.215	713.627	770.935	0.381
524.236	1401.292	0.998	14.834
12/9/2016 5:45:00 AM	114300.000	152.969	21.101
353.201	713.482	770.895	0.381
524.209	1401.576	0.998	14.840
12/9/2016 6:00:00 AM	115200.000	152.939	21.103
353.130	713.530	770.903	0.381

524.214	1401.483	0.998	14.841
12/9/2016 6:15:00 AM	116100.000	152.987	21.110
353.242	713.512	770.784	0.381
524.133	1401.518	0.998	14.844
12/9/2016 6:30:00 AM	117000.000	152.989	21.112
353.248	713.502	770.745	0.381
524.107	1401.538	0.998	14.848
12/9/2016 6:45:00 AM	117900.000	152.998	21.105
353.267	713.908	771.295	0.381
524.480	1400.741	0.998	14.845
12/9/2016 7:00:00 AM	118800.000	153.009	21.111
353.293	713.703	770.974	0.381
524.262	1401.142	0.998	14.840
12/9/2016 7:15:00 AM	119700.000	153.014	21.114
353.304	713.770	770.987	0.381
524.271	1401.011	0.998	14.838
12/9/2016 7:30:00 AM	120600.000	153.006	21.121
353.287	714.190	771.331	0.381
524.505	1400.188	0.998	14.843
12/9/2016 7:45:00 AM	121500.000	153.004	21.111
353.281	713.836	771.113	0.381
524.357	1400.881	0.998	14.850
12/9/2016 8:00:00 AM	122400.000	153.022	21.110
353.324	713.650	770.923	0.381
524.228	1401.247	0.998	14.853
12/9/2016 8:15:00 AM	123300.000	153.015	21.114
353.306	713.698	770.923	0.381
524.227	1401.152	0.998	14.860
12/9/2016 8:30:00 AM	124200.000	153.039	21.116
353.362	713.843	771.049	0.381
524.313	1400.868	0.998	14.850
12/9/2016 8:45:00 AM	125100.000	153.032	21.103
353.347	713.432	770.800	0.381
524.144	1401.676	0.998	14.852
12/9/2016 9:00:00 AM	126000.000	153.031	21.107
353.344	713.782	771.123	0.381
524.364	1400.987	0.998	14.859
12/9/2016 9:15:00 AM	126900.000	153.047	21.103
353.380	714.461	771.920	0.382
524.906	1399.657	0.998	14.860
12/9/2016 9:30:00 AM	127800.000	153.029	21.110
353.340	715.408	772.832	0.382
525.526	1397.803	0.998	14.862
12/9/2016 9:45:00 AM	128700.000	153.052	21.113
353.393	715.568	772.955	0.382
525.609	1397.491	0.998	14.861
12/9/2016 10:00:00 AM	129600.000	153.045	21.109
353.376	713.957	771.277	0.381
524.468	1400.646	0.998	14.861
12/9/2016 10:15:00 AM	130500.000	153.042	21.104
353.369	713.575	770.948	0.381
524.245	1401.394	0.998	14.865
12/9/2016 10:30:00 AM	131400.000	153.045	21.103
353.376	713.688	771.077	0.381
524.333	1401.172	0.998	14.866

12/9/2016 10:45:00 AM	132300.000	153.047	21.109
353.380	713.909	771.231	0.381
524.437	1400.739	0.998	14.871
12/9/2016 11:00:00 AM	133200.000	153.064	21.099
353.419	713.561	771.012	0.381
524.288	1401.422	0.998	14.868
12/9/2016 11:15:00 AM	134100.000	153.063	21.105
353.417	714.895	772.354	0.382
525.201	1398.807	0.998	14.862
12/9/2016 11:30:00 AM	135000.000	153.053	21.117
353.395	714.956	772.233	0.382
525.119	1398.688	0.998	14.865
12/9/2016 11:45:00 AM	135900.000	153.065	21.113
353.422	715.863	773.272	0.382
525.825	1396.915	0.998	14.853
12/9/2016 12:00:00 PM	136800.000	153.064	21.108
353.421	715.157	772.586	0.382
525.359	1398.294	0.998	14.845
12/9/2016 12:15:00 PM	137700.000	153.071	21.113
353.435	714.731	772.056	0.382
524.998	1399.128	0.998	14.843
12/9/2016 12:30:00 PM	138600.000	153.072	21.112
353.440	714.768	772.107	0.382
525.033	1399.056	0.998	14.837
12/9/2016 12:45:00 PM	139500.000	153.080	21.109
353.456	714.531	771.896	0.382
524.889	1399.518	0.998	14.830
12/9/2016 1:00:00 PM	140400.000	153.081	21.105
353.460	714.219	771.627	0.381
524.706	1400.130	0.998	14.832
12/9/2016 1:15:00 PM	141300.000	153.089	21.108
353.477	714.130	771.478	0.381
524.605	1400.306	0.998	14.826
12/9/2016 1:30:00 PM	142200.000	153.083	21.108
353.463	714.088	771.429	0.381
524.572	1400.388	0.998	14.822
12/9/2016 1:45:00 PM	143100.000	153.036	21.108
353.356	714.069	771.412	0.381
524.560	1400.425	0.998	14.836
12/9/2016 2:00:00 PM	144000.000	153.043	21.105
353.371	714.594	772.022	0.382
524.975	1399.397	0.998	14.826
12/9/2016 2:15:00 PM	144900.000	153.078	21.106
353.453	715.147	772.603	0.382
525.370	1398.314	0.998	14.826
12/9/2016 2:30:00 PM	145800.000	153.044	21.102
353.375	714.999	772.516	0.382
525.311	1398.603	0.998	14.817
12/9/2016 2:45:00 PM	146700.000	153.068	21.095
353.430	714.631	772.232	0.382
525.118	1399.323	0.998	14.823
12/9/2016 3:00:00 PM	147600.000	153.081	21.113
353.460	715.178	772.532	0.382
525.322	1398.253	0.998	14.825
12/9/2016 3:15:00 PM	148500.000	153.088	21.111

353.475	715.597	773.023	0.382
525.655	1397.434	0.998	14.823
12/9/2016 3:30:00 PM	149400.000	153.080	21.106
353.458	715.466	772.961	0.382
525.614	1397.691	0.998	14.822
12/9/2016 3:45:00 PM	150300.000	153.042	21.112
353.369	715.836	773.255	0.382
525.814	1396.968	0.998	14.827
12/9/2016 4:00:00 PM	151200.000	153.083	21.109
353.463	715.617	773.075	0.382
525.691	1397.395	0.998	14.822
12/9/2016 4:15:00 PM	152100.000	153.082	21.117
353.461	715.727	773.054	0.382
525.677	1397.180	0.998	14.816
12/9/2016 4:30:00 PM	153000.000	153.085	21.112
353.470	715.448	772.846	0.382
525.536	1397.725	0.998	14.817
12/9/2016 4:45:00 PM	153900.000	153.090	21.110
353.480	715.291	772.698	0.382
525.435	1398.033	0.998	14.819
12/9/2016 5:00:00 PM	154800.000	153.097	21.108
353.496	715.181	772.622	0.382
525.383	1398.247	0.998	14.814
12/9/2016 5:15:00 PM	155700.000	153.086	21.114
353.472	714.855	772.159	0.382
525.068	1398.885	0.998	14.815
12/9/2016 5:30:00 PM	156600.000	153.084	21.117
353.466	714.842	772.113	0.382
525.037	1398.911	0.998	14.822
12/9/2016 5:45:00 PM	157500.000	153.102	21.113
353.509	714.524	771.829	0.382
524.844	1399.534	0.998	14.815
12/9/2016 6:00:00 PM	158400.000	153.103	21.101
353.510	714.231	771.695	0.381
524.753	1400.108	0.998	14.815
12/9/2016 6:15:00 PM	159300.000	153.096	21.113
353.494	714.516	771.822	0.382
524.839	1399.549	0.998	14.818
12/9/2016 6:30:00 PM	160200.000	153.090	21.106
353.479	714.353	771.756	0.381
524.794	1399.868	0.998	14.820
12/9/2016 6:45:00 PM	161100.000	153.099	21.112
353.500	714.437	771.742	0.381
524.785	1399.704	0.998	14.819
12/9/2016 7:00:00 PM	162000.000	153.093	21.117
353.488	714.504	771.732	0.381
524.778	1399.573	0.998	14.825
12/9/2016 7:15:00 PM	162900.000	153.101	21.110
353.505	714.109	771.425	0.381
524.569	1400.346	0.998	14.818
12/9/2016 7:30:00 PM	163800.000	153.108	21.111
353.523	714.190	771.490	0.381
524.613	1400.188	0.998	14.824
12/9/2016 7:45:00 PM	164700.000	153.106	21.108
353.517	714.340	771.713	0.381

524.765	1399.894	0.998	14.826
12/9/2016 8:00:00 PM	165600.000	153.118	21.110
353.544	715.157	772.561	0.382
525.342	1398.294	0.998	14.811
12/9/2016 8:15:00 PM	166500.000	153.121	21.111
353.551	715.129	772.510	0.382
525.307	1398.349	0.998	14.811
12/9/2016 8:30:00 PM	167400.000	153.121	21.108
353.552	714.617	772.009	0.382
524.966	1399.351	0.998	14.811
12/9/2016 8:45:00 PM	168300.000	153.116	21.107
353.539	714.819	772.245	0.382
525.126	1398.955	0.998	14.825
12/9/2016 9:00:00 PM	169200.000	153.082	21.102
353.462	714.493	771.968	0.382
524.938	1399.593	0.998	14.820
12/9/2016 9:15:00 PM	170100.000	153.081	21.110
353.459	715.245	772.651	0.382
525.403	1398.123	0.998	14.822
12/9/2016 9:30:00 PM	171000.000	153.118	21.102
353.545	715.649	773.210	0.382
525.783	1397.333	0.998	14.822
12/9/2016 9:45:00 PM	171900.000	153.126	21.110
353.564	717.016	774.571	0.383
526.708	1394.669	0.998	14.821
12/9/2016 10:00:00 PM	172800.000	153.126	21.104
353.562	717.151	774.803	0.383
526.866	1394.406	0.998	14.818
12/9/2016 10:15:00 PM	173700.000	153.131	21.110
353.575	717.293	774.865	0.383
526.908	1394.130	0.998	14.822
12/9/2016 10:30:00 PM	174600.000	153.121	21.113
353.551	716.588	774.056	0.383
526.358	1395.503	0.998	14.819
12/9/2016 10:45:00 PM	175500.000	153.138	21.110
353.590	716.388	773.893	0.383
526.247	1395.892	0.998	14.818
12/9/2016 11:00:00 PM	176400.000	153.129	21.116
353.570	716.106	773.491	0.382
525.974	1396.442	0.998	14.822
12/9/2016 11:15:00 PM	177300.000	153.147	21.100
353.611	714.803	772.335	0.382
525.188	1398.986	0.998	14.822
12/9/2016 11:30:00 PM	178200.000	153.136	21.108
353.587	715.242	772.678	0.382
525.421	1398.128	0.998	14.817
12/9/2016 11:45:00 PM	179100.000	153.145	21.109
353.607	715.742	773.209	0.382
525.782	1397.152	0.998	14.812
12/10/2016 12:00:00 AM	180000.000	153.160	21.119
353.642	715.896	773.207	0.382
525.781	1396.851	0.998	14.806
12/10/2016 12:15:00 AM	180900.000	153.140	21.118
353.596	715.546	772.857	0.382
525.543	1397.534	0.998	14.815

12/10/2016 12:30:00 AM	181800.000	153.152	21.112
353.624	714.901	772.244	0.382
525.126	1398.796	0.998	14.810
12/10/2016 12:45:00 AM	182700.000	153.153	21.096
353.625	715.214	772.834	0.382
525.527	1398.184	0.998	14.812
12/10/2016 1:00:00 AM	183600.000	153.143	21.111
353.603	715.223	772.615	0.382
525.378	1398.166	0.998	14.812
12/10/2016 1:15:00 AM	184500.000	153.137	21.112
353.589	715.587	772.983	0.382
525.629	1397.455	0.998	14.822
12/10/2016 1:30:00 AM	185400.000	153.151	21.112
353.620	715.627	773.036	0.382
525.665	1397.376	0.998	14.818
12/10/2016 1:45:00 AM	186300.000	153.157	21.112
353.635	715.798	773.224	0.382
525.792	1397.042	0.998	14.812
12/10/2016 2:00:00 AM	187200.000	153.158	21.113
353.636	716.236	773.676	0.382
526.100	1396.188	0.998	14.810
12/10/2016 2:15:00 AM	188100.000	153.159	21.116
353.639	716.213	773.599	0.382
526.048	1396.233	0.998	14.811
12/10/2016 2:30:00 AM	189000.000	153.156	21.123
353.632	716.074	773.339	0.382
525.871	1396.504	0.998	14.806
12/10/2016 2:45:00 AM	189900.000	153.164	21.111
353.652	715.244	772.641	0.382
525.396	1398.125	0.998	14.813
12/10/2016 3:00:00 AM	190800.000	153.170	21.107
353.664	714.678	772.087	0.382
525.019	1399.231	0.998	14.807
12/10/2016 3:15:00 AM	191700.000	153.178	21.114
353.683	714.765	772.066	0.382
525.005	1399.062	0.998	14.806
12/10/2016 3:30:00 AM	192600.000	153.166	21.116
353.656	714.758	772.036	0.382
524.985	1399.075	0.998	14.810
12/10/2016 3:45:00 AM	193500.000	153.171	21.115
353.668	714.585	771.867	0.382
524.869	1399.413	0.998	14.811
12/10/2016 4:00:00 AM	194400.000	153.137	21.106
353.589	714.623	772.039	0.382
524.987	1399.340	0.998	14.809
12/10/2016 4:15:00 AM	195300.000	153.196	21.095
353.726	715.013	772.634	0.382
525.391	1398.575	0.998	14.803
12/10/2016 4:30:00 AM	196200.000	153.184	21.111
353.698	715.677	773.105	0.382
525.712	1397.279	0.998	14.800
12/10/2016 4:45:00 AM	197100.000	153.199	21.099
353.732	715.768	773.396	0.382
525.909	1397.100	0.998	14.809
12/10/2016 5:00:00 AM	198000.000	153.194	21.098

353.720	715.844	773.495	0.382
525.976	1396.952	0.998	14.812
12/10/2016 5:15:00 AM	198900.000	153.161	21.101
353.643	716.226	773.848	0.383
526.217	1396.208	0.998	14.807
12/10/2016 5:30:00 AM	199800.000	153.197	21.115
353.728	717.001	774.471	0.383
526.641	1394.699	0.998	14.809
12/10/2016 5:45:00 AM	200700.000	153.206	21.105
353.748	717.071	774.700	0.383
526.796	1394.562	0.998	14.803
12/10/2016 6:00:00 AM	201600.000	153.220	21.110
353.779	716.998	774.549	0.383
526.694	1394.705	0.998	14.807
12/10/2016 6:15:00 AM	202500.000	153.227	21.105
353.796	717.068	774.709	0.383
526.802	1394.568	0.998	14.804
12/10/2016 6:30:00 AM	203400.000	153.220	21.096
353.779	716.652	774.397	0.383
526.590	1395.377	0.998	14.807
12/10/2016 6:45:00 AM	204300.000	153.230	21.100
353.804	717.235	774.966	0.383
526.977	1394.244	0.998	14.803
12/10/2016 7:00:00 AM	205200.000	153.232	21.110
353.808	717.848	775.463	0.383
527.315	1393.052	0.998	14.810
12/10/2016 7:15:00 AM	206100.000	153.241	21.112
353.828	717.859	775.450	0.383
527.306	1393.032	0.998	14.801
12/10/2016 7:30:00 AM	207000.000	153.242	21.112
353.831	717.795	775.369	0.383
527.251	1393.155	0.998	14.805
12/10/2016 7:45:00 AM	207900.000	153.246	21.107
353.841	717.487	775.129	0.383
527.088	1393.754	0.998	14.802
12/10/2016 8:00:00 AM	208800.000	153.252	21.110
353.854	717.273	774.847	0.383
526.896	1394.169	0.998	14.808
12/10/2016 8:15:00 AM	209700.000	153.254	21.108
353.859	717.299	774.907	0.383
526.937	1394.118	0.998	14.816
12/10/2016 8:30:00 AM	210600.000	153.251	21.103
353.852	717.558	775.264	0.383
527.180	1393.615	0.998	14.814
12/10/2016 8:45:00 AM	211500.000	153.264	21.106
353.882	718.577	776.308	0.384
527.890	1391.640	0.998	14.807
12/10/2016 9:00:00 AM	212400.000	153.266	21.115
353.887	718.490	776.079	0.384
527.734	1391.807	0.998	14.809
12/10/2016 9:15:00 AM	213300.000	153.276	21.107
353.911	717.646	775.293	0.383
527.199	1393.445	0.998	14.808
12/10/2016 9:30:00 AM	214200.000	153.248	21.102
353.844	717.796	775.542	0.383

527.368	1393.154	0.998	14.814
12/10/2016 9:45:00 AM	215100.000	153.269	21.105
353.893	717.388	775.043	0.383
527.030	1393.946	0.998	14.812
12/10/2016 10:00:00 AM	216000.000	153.279	21.118
353.917	717.803	775.284	0.383
527.193	1393.139	0.998	14.814
12/10/2016 10:15:00 AM	216900.000	153.282	21.115
353.924	717.651	775.172	0.383
527.117	1393.436	0.998	14.816
12/10/2016 10:30:00 AM	217800.000	153.275	21.111
353.908	717.290	774.852	0.383
526.899	1394.137	0.998	14.814
12/10/2016 10:45:00 AM	218700.000	153.260	21.116
353.873	717.138	774.600	0.383
526.728	1394.432	0.998	14.814
12/10/2016 11:00:00 AM	219600.000	153.297	21.115
353.958	716.758	774.201	0.383
526.457	1395.171	0.998	14.811
12/10/2016 11:15:00 AM	220500.000	153.308	21.119
353.983	716.435	773.788	0.383
526.176	1395.799	0.998	14.798
12/10/2016 11:30:00 AM	221400.000	153.300	21.105
353.965	716.056	773.608	0.382
526.053	1396.538	0.998	14.800
12/10/2016 11:45:00 AM	222300.000	153.274	21.106
353.906	716.480	774.049	0.383
526.353	1395.713	0.998	14.792
12/10/2016 12:00:00 PM	223200.000	153.272	21.106
353.900	716.491	774.059	0.383
526.360	1395.692	0.998	14.791
12/10/2016 12:15:00 PM	224100.000	153.296	21.109
353.956	716.455	773.982	0.383
526.308	1395.762	0.998	14.788
12/10/2016 12:30:00 PM	225000.000	153.314	21.109
353.997	716.406	773.925	0.383
526.269	1395.856	0.998	14.783
12/10/2016 12:45:00 PM	225900.000	153.302	21.109
353.968	716.443	773.967	0.383
526.298	1395.784	0.998	14.779
12/10/2016 1:00:00 PM	226800.000	153.297	21.110
353.957	717.132	774.683	0.383
526.785	1394.443	0.998	14.778
12/10/2016 1:15:00 PM	227700.000	153.301	21.104
353.968	717.028	774.680	0.383
526.783	1394.645	0.998	14.775
12/10/2016 1:30:00 PM	228600.000	153.297	21.113
353.957	717.190	774.708	0.383
526.801	1394.331	0.998	14.778
12/10/2016 1:45:00 PM	229500.000	153.301	21.108
353.968	717.094	774.676	0.383
526.780	1394.517	0.998	14.773
12/10/2016 2:00:00 PM	230400.000	153.315	21.103
354.001	716.945	774.593	0.383
526.723	1394.807	0.998	14.766

12/10/2016 2:15:00 PM	231300.000	153.305	21.115
353.977	717.617	775.141	0.383
527.096	1393.501	0.998	14.764
12/10/2016 2:30:00 PM	232200.000	153.310	21.108
353.988	717.198	774.802	0.383
526.866	1394.314	0.998	14.765
12/10/2016 2:45:00 PM	233100.000	153.318	21.108
354.007	716.649	774.205	0.383
526.460	1395.382	0.998	14.764
12/10/2016 3:00:00 PM	234000.000	153.304	21.106
353.974	716.664	774.247	0.383
526.488	1395.355	0.998	14.766
12/10/2016 3:15:00 PM	234900.000	153.314	21.097
353.997	716.506	774.215	0.383
526.466	1395.661	0.998	14.768
12/10/2016 3:30:00 PM	235800.000	153.299	21.108
353.963	716.825	774.384	0.383
526.581	1395.041	0.998	14.768
12/10/2016 3:45:00 PM	236700.000	153.310	21.112
353.988	716.906	774.407	0.383
526.596	1394.884	0.998	14.765
12/10/2016 4:00:00 PM	237600.000	153.301	21.112
353.968	716.538	774.012	0.383
526.328	1395.600	0.998	14.772
12/10/2016 4:15:00 PM	238500.000	153.301	21.115
353.966	717.417	774.914	0.383
526.942	1393.889	0.998	14.765
12/10/2016 4:30:00 PM	239400.000	153.307	21.110
353.982	715.642	773.082	0.382
525.696	1397.347	0.998	14.763
12/10/2016 4:45:00 PM	240300.000	153.314	21.099
353.997	714.371	771.887	0.382
524.883	1399.834	0.998	14.761
12/10/2016 5:00:00 PM	241200.000	153.299	21.102
353.963	714.773	772.266	0.382
525.141	1399.045	0.998	14.772
12/10/2016 5:15:00 PM	242100.000	153.305	21.109
353.975	715.877	773.354	0.382
525.881	1396.888	0.998	14.759
12/10/2016 5:30:00 PM	243000.000	153.290	21.115
353.943	717.534	775.048	0.383
527.032	1393.662	0.998	14.769
12/10/2016 5:45:00 PM	243900.000	153.298	21.103
353.960	716.917	774.572	0.383
526.709	1394.862	0.998	14.764
12/10/2016 6:00:00 PM	244800.000	153.309	21.112
353.985	717.451	774.996	0.383
526.997	1393.823	0.998	14.766
12/10/2016 6:15:00 PM	245700.000	153.295	21.105
353.954	717.589	775.268	0.383
527.182	1393.556	0.998	14.778
12/10/2016 6:30:00 PM	246600.000	153.306	21.109
353.980	717.199	774.778	0.383
526.849	1394.313	0.998	14.767
12/10/2016 6:45:00 PM	247500.000	153.299	21.110

353.962	717.071	774.628	0.383
526.747	1394.563	0.998	14.763
12/10/2016 7:00:00 PM	248400.000	153.302	21.111
353.970	717.019	774.557	0.383
526.699	1394.662	0.998	14.772
12/10/2016 7:15:00 PM	249300.000	153.308	21.105
353.983	716.664	774.272	0.383
526.505	1395.353	0.998	14.768
12/10/2016 7:30:00 PM	250200.000	153.302	21.108
353.970	716.850	774.419	0.383
526.605	1394.992	0.998	14.773
12/10/2016 7:45:00 PM	251100.000	153.301	21.102
353.966	716.868	774.537	0.383
526.686	1394.958	0.998	14.779
12/10/2016 8:00:00 PM	252000.000	153.306	21.101
353.978	716.768	774.445	0.383
526.623	1395.151	0.998	14.782
12/10/2016 8:15:00 PM	252900.000	153.309	21.111
353.986	717.156	774.705	0.383
526.799	1394.397	0.998	14.783
12/10/2016 8:30:00 PM	253800.000	153.305	21.112
353.976	717.330	774.875	0.383
526.915	1394.058	0.998	14.779
12/10/2016 8:45:00 PM	254700.000	153.305	21.105
353.977	716.951	774.567	0.383
526.706	1394.796	0.998	14.779
12/10/2016 9:00:00 PM	255600.000	153.312	21.109
353.992	717.319	774.901	0.383
526.933	1394.081	0.998	14.779
12/10/2016 9:15:00 PM	256500.000	153.311	21.112
353.989	717.684	775.249	0.383
527.169	1393.371	0.998	14.782
12/10/2016 9:30:00 PM	257400.000	153.309	21.118
353.987	717.456	774.916	0.383
526.943	1393.813	0.998	14.785
12/10/2016 9:45:00 PM	258300.000	153.320	21.114
354.012	717.533	775.063	0.383
527.043	1393.664	0.998	14.780
12/10/2016 10:00:00 PM	259200.000	153.318	21.114
354.008	716.647	774.109	0.383
526.394	1395.387	0.998	14.789
12/10/2016 10:15:00 PM	260100.000	153.338	21.115
354.052	716.875	774.326	0.383
526.542	1394.943	0.998	14.782
12/10/2016 10:30:00 PM	261000.000	153.317	21.115
354.003	716.647	774.088	0.383
526.380	1395.387	0.998	14.789
12/10/2016 10:45:00 PM	261900.000	153.335	21.110
354.046	716.687	774.216	0.383
526.467	1395.310	0.998	14.799
12/10/2016 11:00:00 PM	262800.000	153.323	21.108
354.017	716.959	774.541	0.383
526.688	1394.780	0.998	14.797
12/10/2016 11:15:00 PM	263700.000	153.327	21.114
354.028	717.537	775.069	0.383

527.047	1393.656	0.998	14.798
12/10/2016 11:30:00 PM	264600.000	153.333	21.104
354.042	717.732	775.439	0.383
527.299	1393.277	0.998	14.799
12/10/2016 11:45:00 PM	265500.000	153.329	21.102
354.032	718.213	775.991	0.384
527.674	1392.345	0.998	14.796
12/11/2016 12:00:00 AM	266400.000	153.342	21.108
354.062	718.774	776.496	0.384
528.017	1391.258	0.998	14.801
12/11/2016 12:15:00 AM	267300.000	153.337	21.099
354.051	718.880	776.751	0.384
528.191	1391.052	0.998	14.799
12/11/2016 12:30:00 AM	268200.000	153.344	21.108
354.066	719.804	777.603	0.384
528.770	1389.267	0.998	14.797
12/11/2016 12:45:00 AM	269100.000	153.317	21.110
354.004	719.601	777.360	0.384
528.605	1389.659	0.998	14.796
12/11/2016 1:00:00 AM	270000.000	153.346	21.109
354.071	719.485	777.242	0.384
528.525	1389.882	0.998	14.798
12/11/2016 1:15:00 AM	270900.000	153.339	21.115
354.056	719.259	776.910	0.384
528.299	1390.320	0.998	14.806
12/11/2016 1:30:00 AM	271800.000	153.339	21.104
354.055	718.803	776.585	0.384
528.078	1391.203	0.998	14.802
12/11/2016 1:45:00 AM	272700.000	153.345	21.105
354.069	718.908	776.689	0.384
528.149	1390.998	0.998	14.799
12/11/2016 2:00:00 AM	273600.000	153.340	21.103
354.058	719.287	777.132	0.384
528.450	1390.265	0.998	14.803
12/11/2016 2:15:00 AM	274500.000	153.346	21.105
354.072	719.570	777.397	0.384
528.630	1389.718	0.998	14.804
12/11/2016 2:30:00 AM	275400.000	153.349	21.110
354.079	720.006	777.799	0.385
528.903	1388.878	0.998	14.811
12/11/2016 2:45:00 AM	276300.000	153.352	21.106
354.086	719.717	777.548	0.384
528.733	1389.436	0.998	14.804
12/11/2016 3:00:00 AM	277200.000	153.361	21.101
354.105	719.336	777.218	0.384
528.508	1390.171	0.998	14.805
12/11/2016 3:15:00 AM	278100.000	153.359	21.112
354.100	719.986	777.733	0.385
528.859	1388.917	0.998	14.805
12/11/2016 3:30:00 AM	279000.000	153.321	21.107
354.013	719.976	777.818	0.385
528.916	1388.935	0.998	14.799
12/11/2016 3:45:00 AM	279900.000	153.325	21.102
354.023	720.775	778.759	0.385
529.556	1387.395	0.998	14.807

12/11/2016 4:00:00 AM	280800.000	153.358	21.103
354.099	720.224	778.142	0.385
529.137	1388.458	0.998	14.804
12/11/2016 4:15:00 AM	281700.000	153.372	21.104
354.131	719.914	777.794	0.385
528.900	1389.055	0.998	14.803
12/11/2016 4:30:00 AM	282600.000	153.370	21.103
354.126	719.744	777.628	0.385
528.787	1389.383	0.998	14.800
12/11/2016 4:45:00 AM	283500.000	153.372	21.106
354.130	719.733	777.559	0.384
528.740	1389.404	0.998	14.798
12/11/2016 5:00:00 AM	284400.000	153.373	21.105
354.134	719.857	777.708	0.385
528.842	1389.165	0.998	14.802
12/11/2016 5:15:00 AM	285300.000	153.376	21.110
354.140	719.835	777.615	0.384
528.778	1389.207	0.998	14.803
12/11/2016 5:30:00 AM	286200.000	153.378	21.119
354.144	719.778	777.407	0.384
528.637	1389.317	0.998	14.810
12/11/2016 5:45:00 AM	287100.000	153.361	21.111
354.105	719.067	776.760	0.384
528.197	1390.692	0.998	14.803
12/11/2016 6:00:00 AM	288000.000	153.393	21.116
354.179	719.380	777.024	0.384
528.376	1390.085	0.998	14.809
12/11/2016 6:15:00 AM	288900.000	153.350	21.104
354.080	718.903	776.700	0.384
528.156	1391.008	0.998	14.810
12/11/2016 6:30:00 AM	289800.000	153.365	21.109
354.116	718.409	776.092	0.384
527.742	1391.965	0.998	14.811
12/11/2016 6:45:00 AM	290700.000	153.391	21.107
354.176	719.140	776.908	0.384
528.298	1390.550	0.998	14.817
12/11/2016 7:00:00 AM	291600.000	153.402	21.116
354.201	720.726	778.483	0.385
529.368	1387.490	0.998	14.812
12/11/2016 7:15:00 AM	292500.000	153.409	21.116
354.217	719.911	777.595	0.384
528.764	1389.060	0.998	14.814
12/11/2016 7:30:00 AM	293400.000	153.405	21.113
354.207	719.215	776.889	0.384
528.284	1390.405	0.998	14.815
12/11/2016 7:45:00 AM	294300.000	153.415	21.116
354.232	719.896	777.574	0.384
528.750	1389.089	0.998	14.817
12/11/2016 8:00:00 AM	295200.000	153.424	21.112
354.252	719.019	776.695	0.384
528.153	1390.783	0.998	14.810
12/11/2016 8:15:00 AM	296100.000	153.432	21.113
354.269	718.958	776.614	0.384
528.097	1390.902	0.998	14.816
12/11/2016 8:30:00 AM	297000.000	153.436	21.110

354.279	718.019	775.654	0.383
527.444	1392.721	0.998	14.816
12/11/2016 8:45:00 AM	297900.000	153.440	21.116
354.287	717.611	775.116	0.383
527.079	1393.513	0.998	14.814
12/11/2016 9:00:00 AM	298800.000	153.400	21.118
354.196	717.759	775.233	0.383
527.159	1393.226	0.998	14.820
12/11/2016 9:15:00 AM	299700.000	153.451	21.107
354.314	717.597	775.234	0.383
527.159	1393.540	0.998	14.820
12/11/2016 9:30:00 AM	300600.000	153.449	21.115
354.309	717.867	775.411	0.383
527.279	1393.017	0.998	14.826
12/11/2016 9:45:00 AM	301500.000	153.450	21.110
354.312	717.796	775.406	0.383
527.276	1393.154	0.998	14.824
12/11/2016 10:00:00 AM	302400.000	153.456	21.106
354.325	718.063	775.766	0.384
527.521	1392.635	0.998	14.822
12/11/2016 10:15:00 AM	303300.000	153.465	21.111
354.346	717.750	775.336	0.383
527.229	1393.244	0.998	14.820
12/11/2016 10:30:00 AM	304200.000	153.464	21.118
354.343	718.443	775.982	0.384
527.668	1391.898	0.998	14.818
12/11/2016 10:45:00 AM	305100.000	153.466	21.117
354.347	718.363	775.912	0.384
527.620	1392.055	0.998	14.821
12/11/2016 11:00:00 AM	306000.000	153.473	21.118
354.364	718.439	775.981	0.384
527.667	1391.907	0.998	14.818
12/11/2016 11:15:00 AM	306900.000	153.464	21.115
354.343	718.091	775.651	0.383
527.443	1392.581	0.998	14.819
12/11/2016 11:30:00 AM	307800.000	153.475	21.112
354.369	717.592	775.163	0.383
527.111	1393.550	0.998	14.812
12/11/2016 11:45:00 AM	308700.000	153.480	21.115
354.382	718.044	775.595	0.383
527.405	1392.673	0.998	14.816
12/11/2016 12:00:00 PM	309600.000	153.473	21.112
354.364	717.906	775.498	0.383
527.339	1392.940	0.998	14.816
12/11/2016 12:15:00 PM	310500.000	153.493	21.107
354.411	718.328	776.034	0.384
527.703	1392.122	0.998	14.806
12/11/2016 12:30:00 PM	311400.000	153.481	21.111
354.383	718.404	776.046	0.384
527.712	1391.974	0.998	14.806
12/11/2016 12:45:00 PM	312300.000	153.478	21.111
354.375	718.945	776.627	0.384
528.107	1390.928	0.998	14.805
12/11/2016 1:00:00 PM	313200.000	153.446	21.108
354.302	718.081	775.744	0.384

527.506	1392.600	0.998	14.799
12/11/2016 1:15:00 PM	314100.000	153.476	21.108
354.372	718.219	775.898	0.384
527.610	1392.334	0.998	14.798
12/11/2016 1:30:00 PM	315000.000	153.476	21.107
354.372	718.332	776.037	0.384
527.705	1392.114	0.998	14.800
12/11/2016 1:45:00 PM	315900.000	153.475	21.104
354.368	718.573	776.348	0.384
527.917	1391.647	0.998	14.803
12/11/2016 2:00:00 PM	316800.000	153.475	21.109
354.369	718.867	776.578	0.384
528.073	1391.077	0.998	14.799
12/11/2016 2:15:00 PM	317700.000	153.475	21.112
354.369	719.643	777.379	0.384
528.618	1389.577	0.998	14.803
12/11/2016 2:30:00 PM	318600.000	153.468	21.113
354.352	720.163	777.909	0.385
528.978	1388.575	0.998	14.807
12/11/2016 2:45:00 PM	319500.000	153.472	21.116
354.362	720.176	777.889	0.385
528.965	1388.549	0.998	14.802
12/11/2016 3:00:00 PM	320400.000	153.455	21.106
354.322	720.535	778.435	0.385
529.336	1387.857	0.998	14.809
12/11/2016 3:15:00 PM	321300.000	153.464	21.113
354.344	720.777	778.583	0.385
529.436	1387.392	0.998	14.803
12/11/2016 3:30:00 PM	322200.000	153.463	21.111
354.342	720.724	778.559	0.385
529.420	1387.493	0.998	14.804
12/11/2016 3:45:00 PM	323100.000	153.459	21.104
354.332	720.346	778.266	0.385
529.221	1388.223	0.998	14.805
12/11/2016 4:00:00 PM	324000.000	153.462	21.097
354.338	719.989	777.993	0.385
529.035	1388.909	0.998	14.802
12/11/2016 4:15:00 PM	324900.000	153.459	21.097
354.331	720.026	778.025	0.385
529.057	1388.840	0.998	14.801
12/11/2016 4:30:00 PM	325800.000	153.450	21.101
354.312	719.925	777.847	0.385
528.936	1389.033	0.998	14.799
12/11/2016 4:45:00 PM	326700.000	153.445	21.106
354.299	720.098	777.952	0.385
529.007	1388.700	0.998	14.800
12/11/2016 5:00:00 PM	327600.000	153.453	21.112
354.317	720.586	778.385	0.385
529.302	1387.759	0.998	14.797
12/11/2016 5:15:00 PM	328500.000	153.405	21.110
354.206	720.538	778.362	0.385
529.286	1387.853	0.998	14.791
12/11/2016 5:30:00 PM	329400.000	153.446	21.115
354.303	720.749	778.520	0.385
529.394	1387.446	0.998	14.794

12/11/2016 5:45:00 PM	330300.000	153.436	21.112
354.279	720.048	777.811	0.385
528.912	1388.795	0.998	14.794
12/11/2016 6:00:00 PM	331200.000	153.450	21.103
354.312	720.027	777.926	0.385
528.990	1388.837	0.998	14.797
12/11/2016 6:15:00 PM	332100.000	153.439	21.110
354.286	720.353	778.166	0.385
529.153	1388.209	0.998	14.800
12/11/2016 6:30:00 PM	333000.000	153.433	21.112
354.271	720.904	778.726	0.385
529.534	1387.147	0.998	14.800
12/11/2016 6:45:00 PM	333900.000	153.436	21.105
354.279	720.696	778.618	0.385
529.460	1387.547	0.998	14.794
12/11/2016 7:00:00 PM	334800.000	153.440	21.104
354.287	720.245	778.149	0.385
529.141	1388.416	0.998	14.791
12/11/2016 7:15:00 PM	335700.000	153.446	21.106
354.302	719.470	777.282	0.384
528.552	1389.912	0.998	14.793
12/11/2016 7:30:00 PM	336600.000	153.431	21.116
354.267	719.937	777.622	0.385
528.783	1389.010	0.998	14.799
12/11/2016 7:45:00 PM	337500.000	153.438	21.116
354.284	719.712	777.378	0.384
528.617	1389.444	0.998	14.795
12/11/2016 8:00:00 PM	338400.000	153.447	21.107
354.304	719.524	777.328	0.384
528.583	1389.809	0.998	14.792
12/11/2016 8:15:00 PM	339300.000	153.438	21.110
354.283	719.690	777.461	0.384
528.674	1389.488	0.998	14.797
12/11/2016 8:30:00 PM	340200.000	153.431	21.113
354.267	721.376	779.225	0.385
529.873	1386.239	0.998	14.798
12/11/2016 8:45:00 PM	341100.000	153.432	21.108
354.269	722.121	780.119	0.386
530.481	1384.810	0.998	14.798
12/11/2016 9:00:00 PM	342000.000	153.430	21.108
354.264	722.122	780.118	0.386
530.481	1384.808	0.998	14.790
12/11/2016 9:15:00 PM	342900.000	153.437	21.110
354.282	722.037	779.997	0.386
530.398	1384.971	0.998	14.793
12/11/2016 9:30:00 PM	343800.000	153.445	21.117
354.300	721.397	779.194	0.385
529.852	1386.199	0.998	14.795
12/11/2016 9:45:00 PM	344700.000	153.442	21.112
354.292	721.344	779.217	0.385
529.867	1386.301	0.998	14.789
12/11/2016 10:00:00 PM	345600.000	153.461	21.106
354.336	720.907	778.831	0.385
529.605	1387.142	0.998	14.794
12/11/2016 10:15:00 PM	346500.000	153.468	21.108

354.353	720.942	778.841	0.385
529.612	1387.075	0.998	14.792
12/11/2016 10:30:00 PM	347400.000	153.461	21.109
354.337	721.010	778.895	0.385
529.648	1386.944	0.998	14.791
12/11/2016 10:45:00 PM	348300.000	153.463	21.102
354.341	721.148	779.160	0.385
529.829	1386.677	0.998	14.799
12/11/2016 11:00:00 PM	349200.000	153.449	21.106
354.310	721.856	779.861	0.386
530.305	1385.318	0.998	14.795
12/11/2016 11:15:00 PM	350100.000	153.464	21.105
354.343	722.671	780.750	0.386
530.910	1383.755	0.998	14.794
12/11/2016 11:30:00 PM	351000.000	153.458	21.116
354.329	722.379	780.257	0.386
530.575	1384.314	0.998	14.797
12/11/2016 11:45:00 PM	351900.000	153.459	21.114
354.332	722.434	780.350	0.386
530.638	1384.210	0.998	14.796
12/12/2016 12:00:00 AM	352800.000	153.473	21.110
354.365	722.178	780.134	0.386
530.491	1384.700	0.998	14.791
12/12/2016 12:15:00 AM	353700.000	153.456	21.106
354.325	722.067	780.080	0.386
530.455	1384.913	0.998	14.799
12/12/2016 12:30:00 AM	354600.000	153.472	21.119
354.363	722.364	780.203	0.386
530.538	1384.344	0.998	14.790
12/12/2016 12:45:00 AM	355500.000	153.469	21.116
354.355	722.004	779.855	0.386
530.301	1385.034	0.998	14.795
12/12/2016 1:00:00 AM	356400.000	153.473	21.112
354.364	721.483	779.355	0.385
529.961	1386.034	0.998	14.798
12/12/2016 1:15:00 AM	357300.000	153.476	21.115
354.370	721.472	779.304	0.385
529.927	1386.055	0.998	14.797
12/12/2016 1:30:00 AM	358200.000	153.477	21.107
354.373	721.474	779.434	0.385
530.015	1386.052	0.998	14.794
12/12/2016 1:45:00 AM	359100.000	153.488	21.110
354.398	722.358	780.332	0.386
530.626	1384.355	0.998	14.794
12/12/2016 2:00:00 AM	360000.000	153.488	21.108
354.400	722.184	780.180	0.386
530.522	1384.690	0.998	14.790
12/12/2016 2:15:00 AM	360900.000	153.494	21.109
354.413	722.220	780.201	0.386
530.537	1384.619	0.998	14.789
12/12/2016 2:30:00 AM	361800.000	153.474	21.105
354.367	722.172	780.215	0.386
530.546	1384.712	0.998	14.797
12/12/2016 2:45:00 AM	362700.000	153.480	21.106
354.380	722.232	780.271	0.386

530.584	1384.597	0.998	14.795
12/12/2016 3:00:00 AM	363600.000	153.490	21.107
354.404	722.017	780.018	0.386
530.413	1385.008	0.998	14.795
12/12/2016 3:15:00 AM	364500.000	153.502	21.114
354.431	721.948	779.823	0.386
530.280	1385.142	0.998	14.787
12/12/2016 3:30:00 AM	365400.000	153.504	21.110
354.435	722.208	780.171	0.386
530.516	1384.642	0.998	14.793
12/12/2016 3:45:00 AM	366300.000	153.494	21.111
354.412	722.606	780.590	0.386
530.801	1383.881	0.998	14.789
12/12/2016 4:00:00 AM	367200.000	153.509	21.110
354.447	722.415	780.401	0.386
530.673	1384.247	0.998	14.787
12/12/2016 4:15:00 AM	368100.000	153.507	21.110
354.443	721.694	779.624	0.386
530.144	1385.629	0.998	14.787
12/12/2016 4:30:00 AM	369000.000	153.495	21.111
354.414	721.253	779.132	0.385
529.810	1386.476	0.998	14.790
12/12/2016 4:45:00 AM	369900.000	153.501	21.114
354.429	721.252	779.078	0.385
529.773	1386.478	0.998	14.798
12/12/2016 5:00:00 AM	370800.000	153.501	21.115
354.430	721.551	779.384	0.385
529.981	1385.903	0.998	14.788
12/12/2016 5:15:00 AM	371700.000	153.510	21.112
354.449	721.346	779.210	0.385
529.863	1386.298	0.998	14.787
12/12/2016 5:30:00 AM	372600.000	153.521	21.115
354.475	721.284	779.096	0.385
529.785	1386.416	0.998	14.786
12/12/2016 5:45:00 AM	373500.000	153.506	21.118
354.441	721.723	779.516	0.385
530.071	1385.573	0.998	14.794
12/12/2016 6:00:00 AM	374400.000	153.521	21.113
354.475	721.245	779.084	0.385
529.777	1386.491	0.998	14.794
12/12/2016 6:15:00 AM	375300.000	153.525	21.105
354.483	720.051	777.924	0.385
528.989	1388.791	0.998	14.794
12/12/2016 6:30:00 AM	376200.000	153.498	21.115
354.422	719.990	777.698	0.385
528.834	1388.908	0.998	14.792
12/12/2016 6:45:00 AM	377100.000	153.523	21.113
354.480	720.284	778.045	0.385
529.071	1388.341	0.998	14.796
12/12/2016 7:00:00 AM	378000.000	153.530	21.107
354.495	720.872	778.774	0.385
529.566	1387.209	0.998	14.797
12/12/2016 7:15:00 AM	378900.000	153.542	21.112
354.524	721.525	779.405	0.385
529.995	1385.954	0.998	14.790

12/12/2016 7:30:00 AM	379800.000	153.553	21.110
354.549	721.709	779.637	0.386
530.153	1385.600	0.998	14.796
12/12/2016 7:45:00 AM	380700.000	153.555	21.114
354.555	720.804	778.598	0.385
529.447	1387.339	0.998	14.788
12/12/2016 8:00:00 AM	381600.000	153.569	21.109
354.587	721.102	778.999	0.385
529.719	1386.766	0.998	14.794
12/12/2016 8:15:00 AM	382500.000	153.557	21.113
354.558	721.021	778.839	0.385
529.611	1386.923	0.998	14.802
12/12/2016 8:30:00 AM	383400.000	153.564	21.110
354.575	720.988	778.857	0.385
529.623	1386.985	0.998	14.801
12/12/2016 8:45:00 AM	384300.000	153.573	21.100
354.595	720.771	778.778	0.385
529.569	1387.402	0.998	14.805
12/12/2016 9:00:00 AM	385200.000	153.562	21.103
354.570	721.020	778.999	0.385
529.719	1386.924	0.998	14.808
12/12/2016 9:15:00 AM	386100.000	153.575	21.103
354.600	721.923	779.971	0.386
530.381	1385.189	0.998	14.809
12/12/2016 9:30:00 AM	387000.000	153.586	21.109
354.626	722.617	780.636	0.386
530.833	1383.859	0.998	14.811
12/12/2016 9:45:00 AM	387900.000	153.594	21.100
354.643	723.002	781.191	0.386
531.210	1383.121	0.998	14.808
12/12/2016 10:00:00 AM	388800.000	153.590	21.101
354.635	722.990	781.172	0.386
531.197	1383.144	0.998	14.816
12/12/2016 10:15:00 AM	389700.000	153.608	21.103
354.677	722.836	780.964	0.386
531.056	1383.440	0.998	14.810
12/12/2016 10:30:00 AM	390600.000	153.602	21.104
354.663	724.409	782.656	0.387
532.206	1380.435	0.998	14.812
12/12/2016 10:45:00 AM	391500.000	153.598	21.112
354.652	726.580	784.873	0.388
533.714	1376.310	0.998	14.812
12/12/2016 11:00:00 AM	392400.000	153.591	21.114
354.637	726.156	784.379	0.388
533.378	1377.114	0.998	14.811
12/12/2016 11:15:00 AM	393300.000	153.605	21.108
354.670	725.016	783.235	0.387
532.600	1379.280	0.998	14.809
12/12/2016 11:30:00 AM	394200.000	153.610	21.105
354.682	724.091	782.287	0.387
531.956	1381.041	0.998	14.799
12/12/2016 11:45:00 AM	395100.000	153.604	21.112
354.667	725.100	783.264	0.387
532.619	1379.120	0.998	14.798
12/12/2016 12:00:00 PM	396000.000	153.617	21.112

354.696	724.915	783.069	0.387
532.487	1379.472	0.998	14.794
12/12/2016 12:15:00 PM	396900.000	153.596	21.105
354.649	724.540	782.779	0.387
532.290	1380.185	0.998	14.779
12/12/2016 12:30:00 PM	397800.000	153.614	21.115
354.690	723.398	781.385	0.386
531.342	1382.364	0.998	14.785
12/12/2016 12:45:00 PM	398700.000	153.626	21.114
354.719	723.592	781.600	0.387
531.488	1381.995	0.998	14.783
12/12/2016 1:00:00 PM	399600.000	153.587	21.104
354.628	723.137	781.270	0.386
531.263	1382.864	0.998	14.777
12/12/2016 1:15:00 PM	400500.000	153.620	21.103
354.705	721.900	779.956	0.386
530.370	1385.233	0.998	14.784
12/12/2016 1:30:00 PM	401400.000	153.628	21.100
354.722	723.106	781.304	0.386
531.287	1382.923	0.998	14.774
12/12/2016 1:45:00 PM	402300.000	153.618	21.109
354.700	723.319	781.392	0.386
531.347	1382.516	0.998	14.788
12/12/2016 2:00:00 PM	403200.000	153.629	21.116
354.726	723.642	781.624	0.387
531.504	1381.898	0.998	14.783
12/12/2016 2:15:00 PM	404100.000	153.617	21.109
354.698	723.583	781.676	0.387
531.540	1382.011	0.998	14.777
12/12/2016 2:30:00 PM	405000.000	153.611	21.114
354.684	723.271	781.259	0.386
531.256	1382.607	0.998	14.781
12/12/2016 2:45:00 PM	405900.000	153.608	21.112
354.676	721.326	779.181	0.385
529.843	1386.336	0.998	14.776
12/12/2016 3:00:00 PM	406800.000	153.605	21.110
354.670	721.389	779.289	0.385
529.917	1386.214	0.998	14.779
12/12/2016 3:15:00 PM	407700.000	153.625	21.107
354.714	721.940	779.940	0.386
530.359	1385.157	0.998	14.775
12/12/2016 3:30:00 PM	408600.000	153.604	21.106
354.667	722.588	780.645	0.386
530.839	1383.914	0.998	14.778
12/12/2016 3:45:00 PM	409500.000	153.596	21.115
354.648	723.009	780.966	0.386
531.057	1383.109	0.998	14.780
12/12/2016 4:00:00 PM	410400.000	153.599	21.115
354.655	723.443	781.432	0.386
531.374	1382.280	0.998	14.776
12/12/2016 4:15:00 PM	411300.000	153.605	21.104
354.670	723.152	781.283	0.386
531.273	1382.836	0.998	14.772
12/12/2016 4:30:00 PM	412200.000	153.597	21.102
354.650	722.720	780.853	0.386

530.980	1383.662	0.998	14.773
12/12/2016 4:45:00 PM	413100.000	153.596	21.105
354.647	722.903	781.009	0.386
531.086	1383.312	0.998	14.767
12/12/2016 5:00:00 PM	414000.000	153.590	21.101
354.635	723.202	781.395	0.386
531.349	1382.740	0.998	14.766
12/12/2016 5:15:00 PM	414900.000	153.578	21.106
354.607	723.568	781.708	0.387
531.562	1382.039	0.998	14.772
12/12/2016 5:30:00 PM	415800.000	153.578	21.104
354.606	723.209	781.358	0.386
531.323	1382.726	0.998	14.777
12/12/2016 5:45:00 PM	416700.000	153.579	21.112
354.609	723.405	781.441	0.386
531.380	1382.352	0.998	14.773
12/12/2016 6:00:00 PM	417600.000	153.579	21.101
354.610	723.504	781.724	0.387
531.572	1382.163	0.998	14.779
12/12/2016 6:15:00 PM	418500.000	153.577	21.101
354.604	723.711	781.946	0.387
531.723	1381.768	0.998	14.780
12/12/2016 6:30:00 PM	419400.000	153.558	21.110
354.560	724.080	782.192	0.387
531.891	1381.062	0.998	14.775
12/12/2016 6:45:00 PM	420300.000	153.574	21.097
354.597	724.002	782.327	0.387
531.982	1381.211	0.998	14.772
12/12/2016 7:00:00 PM	421200.000	153.523	21.101
354.479	724.447	782.745	0.387
532.267	1380.363	0.998	14.772
12/12/2016 7:15:00 PM	422100.000	153.569	21.103
354.586	726.552	784.986	0.388
533.791	1376.365	0.998	14.779
12/12/2016 7:30:00 PM	423000.000	153.553	21.116
354.549	727.520	785.816	0.389
534.355	1374.532	0.998	14.779
12/12/2016 7:45:00 PM	423900.000	153.560	21.112
354.566	727.111	785.439	0.389
534.099	1375.305	0.998	14.775
12/12/2016 8:00:00 PM	424800.000	153.523	21.099
354.479	725.531	783.948	0.388
533.084	1378.300	0.998	14.778
12/12/2016 8:15:00 PM	425700.000	153.560	21.110
354.565	726.133	784.422	0.388
533.407	1377.159	0.998	14.776
12/12/2016 8:30:00 PM	426600.000	153.558	21.108
354.561	725.834	784.120	0.388
533.202	1377.725	0.998	14.771
12/12/2016 8:45:00 PM	427500.000	153.553	21.108
354.550	725.510	783.766	0.388
532.961	1378.340	0.998	14.771
12/12/2016 9:00:00 PM	428400.000	153.554	21.114
354.551	725.241	783.392	0.387
532.707	1378.852	0.998	14.779

12/12/2016 9:15:00 PM	429300.000	153.554	21.117
354.552	724.192	782.202	0.387
531.897	1380.849	0.998	14.780
12/12/2016 9:30:00 PM	430200.000	153.533	21.110
354.503	724.290	782.426	0.387
532.049	1380.663	0.998	14.775
12/12/2016 9:45:00 PM	431100.000	153.561	21.111
354.567	724.402	782.529	0.387
532.120	1380.450	0.998	14.780
12/12/2016 10:00:00 PM	432000.000	153.555	21.108
354.553	724.202	782.361	0.387
532.006	1380.831	0.998	14.781
12/12/2016 10:15:00 PM	432900.000	153.519	21.109
354.471	724.611	782.785	0.387
532.294	1380.051	0.998	14.786
12/12/2016 10:30:00 PM	433800.000	153.566	21.117
354.579	724.281	782.308	0.387
531.970	1380.680	0.998	14.775
12/12/2016 10:45:00 PM	434700.000	153.559	21.112
354.562	724.255	782.352	0.387
532.000	1380.730	0.998	14.780
12/12/2016 11:00:00 PM	435600.000	153.573	21.108
354.595	724.030	782.168	0.387
531.874	1381.157	0.998	14.782
12/12/2016 11:15:00 PM	436500.000	153.550	21.112
354.541	724.930	783.086	0.387
532.499	1379.443	0.998	14.786
12/12/2016 11:30:00 PM	437400.000	153.576	21.113
354.603	724.864	782.995	0.387
532.436	1379.570	0.998	14.772
12/12/2016 11:45:00 PM	438300.000	153.575	21.108
354.599	725.663	783.934	0.388
533.075	1378.051	0.998	14.778
12/13/2016 12:00:00 AM	439200.000	153.569	21.110
354.586	725.338	783.560	0.388
532.821	1378.668	0.998	14.786
12/13/2016 12:15:00 AM	440100.000	153.598	21.104
354.652	725.724	784.072	0.388
533.169	1377.934	0.998	14.777
12/13/2016 12:30:00 AM	441000.000	153.581	21.114
354.614	725.907	784.098	0.388
533.187	1377.587	0.998	14.784
12/13/2016 12:45:00 AM	441900.000	153.551	21.110
354.544	725.805	784.061	0.388
533.162	1377.780	0.998	14.780
12/13/2016 1:00:00 AM	442800.000	153.586	21.111
354.625	725.755	783.985	0.388
533.110	1377.876	0.998	14.777
12/13/2016 1:15:00 AM	443700.000	153.589	21.105
354.632	726.323	784.694	0.388
533.592	1376.798	0.998	14.779
12/13/2016 1:30:00 AM	444600.000	153.583	21.116
354.618	726.546	784.759	0.388
533.636	1376.375	0.998	14.782
12/13/2016 1:45:00 AM	445500.000	153.584	21.116

354.621	726.407	784.613	0.388
533.537	1376.639	0.998	14.786
12/13/2016 2:00:00 AM	446400.000	153.592	21.100
354.640	725.567	783.967	0.388
533.098	1378.233	0.998	14.789
12/13/2016 2:15:00 AM	447300.000	153.597	21.113
354.650	726.023	784.241	0.388
533.284	1377.367	0.998	14.784
12/13/2016 2:30:00 AM	448200.000	153.602	21.107
354.662	725.893	784.200	0.388
533.256	1377.613	0.998	14.786
12/13/2016 2:45:00 AM	449100.000	153.599	21.109
354.656	725.709	783.975	0.388
533.103	1377.963	0.998	14.787
12/13/2016 3:00:00 AM	450000.000	153.604	21.113
354.668	725.990	784.206	0.388
533.260	1377.429	0.998	14.790
12/13/2016 3:15:00 AM	450900.000	153.601	21.102
354.660	725.233	783.574	0.388
532.830	1378.868	0.998	14.786
12/13/2016 3:30:00 AM	451800.000	153.613	21.107
354.688	725.759	784.064	0.388
533.163	1377.867	0.998	14.783
12/13/2016 3:45:00 AM	452700.000	153.619	21.107
354.702	726.276	784.615	0.388
533.538	1376.886	0.998	14.780
12/13/2016 4:00:00 AM	453600.000	153.582	21.108
354.617	725.793	784.085	0.388
533.178	1377.804	0.998	14.780
12/13/2016 4:15:00 AM	454500.000	153.607	21.111
354.673	725.555	783.780	0.388
532.971	1378.256	0.998	14.780
12/13/2016 4:30:00 AM	455400.000	153.624	21.103
354.714	725.616	783.969	0.388
533.099	1378.140	0.998	14.774
12/13/2016 4:45:00 AM	456300.000	153.620	21.113
354.705	725.888	784.108	0.388
533.193	1377.623	0.998	14.777
12/13/2016 5:00:00 AM	457200.000	153.622	21.114
354.709	725.882	784.082	0.388
533.176	1377.635	0.998	14.775
12/13/2016 5:15:00 AM	458100.000	153.626	21.113
354.717	725.897	784.113	0.388
533.197	1377.606	0.998	14.776
12/13/2016 5:30:00 AM	459000.000	153.633	21.109
354.735	725.833	784.106	0.388
533.192	1377.728	0.998	14.776
12/13/2016 5:45:00 AM	459900.000	153.640	21.108
354.749	725.855	784.149	0.388
533.221	1377.685	0.998	14.773
12/13/2016 6:00:00 AM	460800.000	153.635	21.104
354.738	725.525	783.853	0.388
533.020	1378.313	0.998	14.779
12/13/2016 6:15:00 AM	461700.000	153.637	21.102
354.743	725.528	783.887	0.388

533.044	1378.307	0.998	14.777
12/13/2016 6:30:00 AM	462600.000	153.647	21.112
354.767	725.814	784.031	0.388
533.141	1377.764	0.998	14.784
12/13/2016 6:45:00 AM	463500.000	153.650	21.105
354.772	725.977	784.323	0.388
533.340	1377.454	0.998	14.781
12/13/2016 7:00:00 AM	464400.000	153.651	21.108
354.776	725.802	784.091	0.388
533.182	1377.786	0.998	14.785
12/13/2016 7:15:00 AM	465300.000	153.654	21.117
354.782	725.998	784.162	0.388
533.230	1377.413	0.998	14.786
12/13/2016 7:30:00 AM	466200.000	153.668	21.111
354.814	725.887	784.126	0.388
533.205	1377.624	0.998	14.782
12/13/2016 7:45:00 AM	467100.000	153.667	21.113
354.813	726.120	784.349	0.388
533.357	1377.183	0.998	14.790
12/13/2016 8:00:00 AM	468000.000	153.670	21.112
354.820	726.329	784.591	0.388
533.522	1376.787	0.998	14.791
12/13/2016 8:15:00 AM	468900.000	153.673	21.107
354.825	725.969	784.288	0.388
533.316	1377.469	0.998	14.794
12/13/2016 8:30:00 AM	469800.000	153.632	21.115
354.733	726.146	784.346	0.388
533.355	1377.133	0.998	14.795
12/13/2016 8:45:00 AM	470700.000	153.664	21.118
354.806	726.063	784.207	0.388
533.260	1377.291	0.998	14.812
12/13/2016 9:00:00 AM	471600.000	153.684	21.118
354.850	726.158	784.308	0.388
533.329	1377.110	0.998	14.798
12/13/2016 9:15:00 AM	472500.000	153.675	21.107
354.831	724.957	783.189	0.387
532.569	1379.391	0.998	14.809
12/13/2016 9:30:00 AM	473400.000	153.690	21.116
354.865	724.864	782.948	0.387
532.405	1379.569	0.998	14.810
12/13/2016 9:45:00 AM	474300.000	153.701	21.108
354.891	723.927	782.057	0.387
531.799	1381.355	0.998	14.804
12/13/2016 10:00:00 AM	475200.000	153.693	21.110
354.872	724.745	782.911	0.387
532.380	1379.797	0.998	14.811
12/13/2016 10:15:00 AM	476100.000	153.696	21.113
354.879	724.779	782.897	0.387
532.370	1379.732	0.998	14.811
12/13/2016 10:30:00 AM	477000.000	153.710	21.104
354.913	724.688	782.946	0.387
532.403	1379.904	0.998	14.807
12/13/2016 10:45:00 AM	477900.000	153.667	21.111
354.812	725.321	783.518	0.388
532.792	1378.700	0.998	14.813

12/13/2016 11:00:00 AM	478800.000	153.719	21.109
354.932	725.370	783.611	0.388
532.855	1378.606	0.998	14.810
12/13/2016 11:15:00 AM	479700.000	153.710	21.108
354.913	726.149	784.467	0.388
533.438	1377.128	0.998	14.803
12/13/2016 11:30:00 AM	480600.000	153.725	21.115
354.946	726.451	784.682	0.388
533.584	1376.556	0.998	14.803
12/13/2016 11:45:00 AM	481500.000	153.718	21.115
354.930	726.636	784.870	0.388
533.712	1376.205	0.998	14.796
12/13/2016 12:00:00 PM	482400.000	153.722	21.114
354.940	726.333	784.565	0.388
533.504	1376.779	0.998	14.797
12/13/2016 12:15:00 PM	483300.000	153.737	21.112
354.974	725.910	784.146	0.388
533.219	1377.581	0.998	14.790
12/13/2016 12:30:00 PM	484200.000	153.730	21.115
354.957	726.014	784.206	0.388
533.260	1377.383	0.998	14.783
12/13/2016 12:45:00 PM	485100.000	153.746	21.104
354.994	725.585	783.920	0.388
533.066	1378.199	0.998	14.782
12/13/2016 1:00:00 PM	486000.000	153.732	21.110
354.962	723.753	781.835	0.387
531.648	1381.688	0.998	14.779
12/13/2016 1:15:00 PM	486900.000	153.736	21.114
354.973	723.049	781.020	0.386
531.094	1383.033	0.998	14.778
12/13/2016 1:30:00 PM	487800.000	153.736	21.117
354.973	723.678	781.657	0.387
531.527	1381.830	0.998	14.780
12/13/2016 1:45:00 PM	488700.000	153.756	21.114
355.018	723.835	781.869	0.387
531.671	1381.531	0.998	14.770
12/13/2016 2:00:00 PM	489600.000	153.739	21.112
354.980	723.877	781.947	0.387
531.724	1381.450	0.998	14.766
12/13/2016 2:15:00 PM	490500.000	153.740	21.115
354.981	723.822	781.836	0.387
531.648	1381.555	0.998	14.780
12/13/2016 2:30:00 PM	491400.000	153.746	21.113
354.995	724.164	782.231	0.387
531.917	1380.903	0.998	14.778
12/13/2016 2:45:00 PM	492300.000	153.735	21.110
354.970	724.174	782.304	0.387
531.967	1380.884	0.998	14.777
12/13/2016 3:00:00 PM	493200.000	153.694	21.100
354.874	724.753	783.089	0.387
532.501	1379.781	0.998	14.776
12/13/2016 3:15:00 PM	494100.000	153.742	21.106
354.985	725.471	783.758	0.388
532.955	1378.415	0.998	14.770
12/13/2016 3:30:00 PM	495000.000	153.726	21.114

354.950	726.510	784.753	0.388
533.632	1376.443	0.998	14.769
12/13/2016 3:45:00 PM	495900.000	153.730	21.114
354.959	726.409	784.645	0.388
533.558	1376.636	0.998	14.773
12/13/2016 4:00:00 PM	496800.000	153.720	21.114
354.934	726.175	784.393	0.388
533.387	1377.078	0.998	14.771
12/13/2016 4:15:00 PM	497700.000	153.711	21.107
354.915	725.726	784.019	0.388
533.133	1377.931	0.998	14.771
12/13/2016 4:30:00 PM	498600.000	153.704	21.112
354.898	725.660	783.873	0.388
533.034	1378.056	0.998	14.769
12/13/2016 4:45:00 PM	499500.000	153.718	21.106
354.930	725.657	783.972	0.388
533.101	1378.061	0.998	14.767
12/13/2016 5:00:00 PM	500400.000	153.701	21.113
354.891	725.734	783.934	0.388
533.075	1377.916	0.998	14.766
12/13/2016 5:15:00 PM	501300.000	153.710	21.107
354.912	725.597	783.887	0.388
533.043	1378.176	0.998	14.767
12/13/2016 5:30:00 PM	502200.000	153.712	21.099
354.917	725.243	783.624	0.388
532.865	1378.849	0.998	14.761
12/13/2016 5:45:00 PM	503100.000	153.685	21.110
354.854	725.452	783.684	0.388
532.905	1378.450	0.998	14.774
12/13/2016 6:00:00 PM	504000.000	153.695	21.112
354.878	725.756	783.968	0.388
533.098	1377.873	0.998	14.771
12/13/2016 6:15:00 PM	504900.000	153.683	21.107
354.849	725.822	784.120	0.388
533.202	1377.749	0.998	14.772
12/13/2016 6:30:00 PM	505800.000	153.669	21.108
354.816	725.828	784.112	0.388
533.196	1377.736	0.998	14.775
12/13/2016 6:45:00 PM	506700.000	153.669	21.110
354.818	726.293	784.590	0.388
533.521	1376.856	0.998	14.774
12/13/2016 7:00:00 PM	507600.000	153.669	21.112
354.816	725.979	784.210	0.388
533.263	1377.451	0.998	14.774
12/13/2016 7:15:00 PM	508500.000	153.665	21.108
354.808	725.918	784.211	0.388
533.264	1377.566	0.998	14.775
12/13/2016 7:30:00 PM	509400.000	153.664	21.110
354.805	726.548	784.855	0.388
533.701	1376.371	0.998	14.768
12/13/2016 7:45:00 PM	510300.000	153.654	21.107
354.783	726.944	785.339	0.388
534.031	1375.622	0.998	14.773
12/13/2016 8:00:00 PM	511200.000	153.654	21.116
354.783	727.392	785.683	0.389

534.265	1374.774	0.998	14.777
12/13/2016 8:15:00 PM	512100.000	153.647	21.112
354.766	727.530	785.891	0.389
534.406	1374.514	0.998	14.777
12/13/2016 8:30:00 PM	513000.000	153.610	21.108
354.682	727.326	785.734	0.389
534.299	1374.899	0.998	14.777
12/13/2016 8:45:00 PM	513900.000	153.608	21.102
354.677	727.239	785.740	0.389
534.303	1375.064	0.998	14.776
12/13/2016 9:00:00 PM	514800.000	153.603	21.095
354.664	727.316	785.940	0.389
534.439	1374.917	0.998	14.781
12/13/2016 9:15:00 PM	515700.000	153.650	21.095
354.773	727.805	786.464	0.389
534.796	1373.994	0.998	14.776
12/13/2016 9:30:00 PM	516600.000	153.654	21.091
354.782	728.135	786.886	0.389
535.082	1373.372	0.998	14.777
12/13/2016 9:45:00 PM	517500.000	153.639	21.102
354.748	730.287	789.039	0.390
536.546	1369.325	0.998	14.779
12/13/2016 10:00:00 PM	518400.000	153.649	21.108
354.771	730.646	789.315	0.391
536.734	1368.651	0.998	14.780
12/13/2016 10:15:00 PM	519300.000	153.641	21.108
354.752	730.321	788.966	0.390
536.497	1369.262	0.998	14.793
12/13/2016 10:30:00 PM	520200.000	153.643	21.099
354.757	729.806	788.557	0.390
536.219	1370.228	0.998	14.786
12/13/2016 10:45:00 PM	521100.000	153.639	21.097
354.748	729.879	788.672	0.390
536.297	1370.090	0.998	14.793
12/13/2016 11:00:00 PM	522000.000	153.649	21.107
354.771	729.780	788.406	0.390
536.116	1370.275	0.998	14.785
12/13/2016 11:15:00 PM	522900.000	153.661	21.105
354.799	729.756	788.411	0.390
536.120	1370.322	0.998	14.777
12/13/2016 11:30:00 PM	523800.000	153.651	21.112
354.775	729.657	788.186	0.390
535.967	1370.507	0.998	14.785
12/13/2016 11:45:00 PM	524700.000	153.654	21.105
354.783	729.344	787.962	0.390
535.814	1371.095	0.998	14.778
12/14/2016 12:00:00 AM	525600.000	153.661	21.108
354.799	729.429	788.003	0.390
535.842	1370.936	0.998	14.787
12/14/2016 12:15:00 AM	526500.000	153.657	21.103
354.789	728.821	787.435	0.390
535.456	1372.079	0.998	14.782
12/14/2016 12:30:00 AM	527400.000	153.651	21.113
354.775	728.793	787.237	0.389
535.321	1372.132	0.998	14.784

12/14/2016 12:45:00 AM	528300.000	153.653	21.111
354.779	729.411	787.945	0.390
535.803	1370.969	0.998	14.783
12/14/2016 1:00:00 AM	529200.000	153.668	21.115
354.814	729.580	788.055	0.390
535.878	1370.651	0.998	14.776
12/14/2016 1:15:00 AM	530100.000	153.674	21.101
354.829	729.280	787.957	0.390
535.811	1371.215	0.998	14.767
12/14/2016 1:30:00 AM	531000.000	153.636	21.094
354.740	729.067	787.849	0.390
535.737	1371.617	0.998	14.775
12/14/2016 1:45:00 AM	531900.000	153.681	21.107
354.845	729.387	787.984	0.390
535.829	1371.015	0.998	14.770
12/14/2016 2:00:00 AM	532800.000	153.674	21.104
354.829	729.625	788.278	0.390
536.029	1370.567	0.998	14.776
12/14/2016 2:15:00 AM	533700.000	153.669	21.112
354.817	729.893	788.443	0.390
536.141	1370.064	0.998	14.779
12/14/2016 2:30:00 AM	534600.000	153.675	21.100
354.830	729.575	788.289	0.390
536.036	1370.661	0.998	14.779
12/14/2016 2:45:00 AM	535500.000	153.675	21.111
354.830	730.144	788.728	0.390
536.335	1369.594	0.998	14.780
12/14/2016 3:00:00 AM	536400.000	153.675	21.104
354.830	729.698	788.371	0.390
536.092	1370.429	0.998	14.779
12/14/2016 3:15:00 AM	537300.000	153.689	21.101
354.864	729.563	788.263	0.390
536.019	1370.683	0.998	14.779
12/14/2016 3:30:00 AM	538200.000	153.691	21.097
354.867	729.594	788.368	0.390
536.091	1370.626	0.998	14.783
12/14/2016 3:45:00 AM	539100.000	153.691	21.099
354.868	729.531	788.267	0.390
536.021	1370.743	0.998	14.778
12/14/2016 4:00:00 AM	540000.000	153.689	21.117
354.862	730.075	788.563	0.390
536.223	1369.722	0.998	14.767
12/14/2016 4:15:00 AM	540900.000	153.659	21.111
354.795	730.127	788.705	0.390
536.319	1369.625	0.998	14.767
12/14/2016 4:30:00 AM	541800.000	153.692	21.110
354.871	729.830	788.411	0.390
536.120	1370.183	0.998	14.763
12/14/2016 4:45:00 AM	542700.000	153.714	21.111
354.920	729.346	787.862	0.390
535.746	1371.091	0.998	14.755
12/14/2016 5:00:00 AM	543600.000	153.705	21.112
354.901	729.571	788.098	0.390
535.906	1370.669	0.998	14.757
12/14/2016 5:15:00 AM	544500.000	153.706	21.115

354.902	729.775	788.261	0.390
536.017	1370.286	0.998	14.763
12/14/2016 5:30:00 AM	545400.000	153.712	21.111
354.916	729.822	788.389	0.390
536.104	1370.197	0.998	14.758
12/14/2016 5:45:00 AM	546300.000	153.708	21.108
354.907	729.997	788.623	0.390
536.264	1369.869	0.998	14.762
12/14/2016 6:00:00 AM	547200.000	153.704	21.117
354.897	730.427	788.942	0.390
536.480	1369.062	0.998	14.763
12/14/2016 6:15:00 AM	548100.000	153.724	21.114
354.944	730.280	788.834	0.390
536.407	1369.337	0.998	14.760
12/14/2016 6:30:00 AM	549000.000	153.719	21.111
354.931	729.975	788.549	0.390
536.214	1369.911	0.998	14.759
12/14/2016 6:45:00 AM	549900.000	153.711	21.106
354.914	729.851	788.494	0.390
536.176	1370.143	0.998	14.764
12/14/2016 7:00:00 AM	550800.000	153.715	21.112
354.924	729.877	788.428	0.390
536.131	1370.094	0.998	14.765
12/14/2016 7:15:00 AM	551700.000	153.716	21.106
354.927	729.683	788.310	0.390
536.051	1370.458	0.998	14.769
12/14/2016 7:30:00 AM	552600.000	153.744	21.096
354.990	729.173	787.934	0.390
535.795	1371.416	0.998	14.760
12/14/2016 7:45:00 AM	553500.000	153.734	21.097
354.966	729.411	788.168	0.390
535.954	1370.969	0.998	14.759
12/14/2016 8:00:00 AM	554400.000	153.743	21.101
354.988	729.400	788.085	0.390
535.898	1370.990	0.998	14.755
12/14/2016 8:15:00 AM	555300.000	153.731	21.116
354.961	730.762	789.317	0.391
536.736	1368.435	0.998	14.761
12/14/2016 8:30:00 AM	556200.000	153.734	21.113
354.968	730.408	788.985	0.390
536.510	1369.097	0.998	14.764
12/14/2016 8:45:00 AM	557100.000	153.741	21.104
354.984	729.558	788.207	0.390
535.981	1370.693	0.998	14.761
12/14/2016 9:00:00 AM	558000.000	153.757	21.102
355.019	729.460	788.132	0.390
535.930	1370.876	0.998	14.757
12/14/2016 9:15:00 AM	558900.000	153.741	21.106
354.983	729.539	788.160	0.390
535.949	1370.729	0.998	14.777
12/14/2016 9:30:00 AM	559800.000	153.750	21.107
355.003	730.003	788.638	0.390
536.274	1369.858	0.998	14.773
12/14/2016 9:45:00 AM	560700.000	153.759	21.117
355.025	730.036	788.509	0.390

536.186	1369.796	0.998	14.775
12/14/2016 10:00:00 AM	561600.000	153.769	21.115
355.048	729.784	788.277	0.390
536.028	1370.268	0.998	14.770
12/14/2016 10:15:00 AM	562500.000	153.773	21.107
355.057	729.219	787.792	0.390
535.699	1371.331	0.998	14.773
12/14/2016 10:30:00 AM	563400.000	153.773	21.116
355.057	729.541	788.001	0.390
535.841	1370.725	0.998	14.769
12/14/2016 10:45:00 AM	564300.000	153.782	21.118
355.078	730.178	788.652	0.390
536.284	1369.529	0.998	14.774
12/14/2016 11:00:00 AM	565200.000	153.792	21.113
355.101	729.731	788.255	0.390
536.013	1370.368	0.998	14.769
12/14/2016 11:15:00 AM	566100.000	153.788	21.115
355.092	728.966	787.400	0.390
535.432	1371.807	0.998	14.768
12/14/2016 11:30:00 AM	567000.000	153.787	21.116
355.089	728.982	787.393	0.390
535.427	1371.777	0.998	14.768
12/14/2016 11:45:00 AM	567900.000	153.784	21.111
355.083	728.810	787.290	0.389
535.357	1372.100	0.998	14.766
12/14/2016 12:00:00 PM	568800.000	153.809	21.103
355.140	728.882	787.504	0.390
535.503	1371.964	0.998	14.756
12/14/2016 12:15:00 PM	569700.000	153.798	21.107
355.115	728.915	787.467	0.390
535.478	1371.902	0.998	14.757
12/14/2016 12:30:00 PM	570600.000	153.814	21.105
355.152	728.996	787.585	0.390
535.558	1371.749	0.998	14.749
12/14/2016 12:45:00 PM	571500.000	153.807	21.103
355.135	728.861	787.472	0.390
535.481	1372.003	0.998	14.750
12/14/2016 1:00:00 PM	572400.000	153.813	21.102
355.150	728.907	787.535	0.390
535.524	1371.917	0.998	14.750
12/14/2016 1:15:00 PM	573300.000	153.810	21.111
355.142	729.369	787.901	0.390
535.773	1371.047	0.998	14.751
12/14/2016 1:30:00 PM	574200.000	153.807	21.111
355.136	729.487	788.026	0.390
535.857	1370.826	0.998	14.750
12/14/2016 1:45:00 PM	575100.000	153.814	21.110
355.152	729.345	787.880	0.390
535.759	1371.094	0.998	14.747
12/14/2016 2:00:00 PM	576000.000	153.811	21.104
355.144	729.476	788.117	0.390
535.920	1370.847	0.998	14.742
12/14/2016 2:15:00 PM	576900.000	153.809	21.108
355.141	729.698	788.302	0.390
536.045	1370.429	0.998	14.743

12/14/2016 2:30:00 PM	577800.000	153.801	21.105
355.121	731.088	789.843	0.391
537.093	1367.825	0.998	14.747
12/14/2016 2:45:00 PM	578700.000	153.812	21.106
355.148	731.205	789.964	0.391
537.176	1367.605	0.998	14.740
12/14/2016 3:00:00 PM	579600.000	153.805	21.102
355.131	731.066	789.867	0.391
537.109	1367.865	0.998	14.747
12/14/2016 3:15:00 PM	580500.000	153.821	21.112
355.167	731.211	789.873	0.391
537.114	1367.595	0.998	14.736
12/14/2016 3:30:00 PM	581400.000	153.761	21.102
355.030	730.947	789.747	0.391
537.028	1368.089	0.998	14.742
12/14/2016 3:45:00 PM	582300.000	153.811	21.102
355.145	730.918	789.717	0.391
537.007	1368.142	0.998	14.736
12/14/2016 4:00:00 PM	583200.000	153.804	21.094
355.129	730.166	789.038	0.390
536.546	1369.551	0.998	14.731
12/14/2016 4:15:00 PM	584100.000	153.790	21.104
355.096	730.193	788.899	0.390
536.451	1369.501	0.998	14.744
12/14/2016 4:30:00 PM	585000.000	153.791	21.108
355.098	730.416	789.079	0.390
536.574	1369.083	0.998	14.739
12/14/2016 4:45:00 PM	585900.000	153.805	21.104
355.130	730.313	789.035	0.390
536.544	1369.276	0.998	14.736
12/14/2016 5:00:00 PM	586800.000	153.782	21.111
355.077	730.347	788.945	0.390
536.482	1369.212	0.998	14.738
12/14/2016 5:15:00 PM	587700.000	153.782	21.108
355.078	730.060	788.693	0.390
536.311	1369.750	0.998	14.740
12/14/2016 5:30:00 PM	588600.000	153.771	21.107
355.053	729.937	788.572	0.390
536.229	1369.982	0.998	14.740
12/14/2016 5:45:00 PM	589500.000	153.768	21.109
355.046	729.859	788.457	0.390
536.151	1370.128	0.998	14.738
12/14/2016 6:00:00 PM	590400.000	153.764	21.107
355.037	729.969	788.614	0.390
536.257	1369.922	0.998	14.741
12/14/2016 6:15:00 PM	591300.000	153.769	21.106
355.047	730.408	789.092	0.390
536.582	1369.097	0.998	14.739
12/14/2016 6:30:00 PM	592200.000	153.752	21.107
355.008	730.355	789.026	0.390
536.537	1369.198	0.998	14.737
12/14/2016 6:45:00 PM	593100.000	153.747	21.109
354.997	730.679	789.341	0.391
536.752	1368.591	0.998	14.737
12/14/2016 7:00:00 PM	594000.000	153.759	21.107

355.025	730.695	789.395	0.391
536.789	1368.559	0.998	14.736
12/14/2016 7:15:00 PM	594900.000	153.745	21.103
354.993	731.229	790.037	0.391
537.225	1367.561	0.998	14.742
12/14/2016 7:30:00 PM	595800.000	153.738	21.101
354.976	731.504	790.357	0.391
537.443	1367.046	0.998	14.732
12/14/2016 7:45:00 PM	596700.000	153.732	21.105
354.962	731.467	790.250	0.391
537.370	1367.116	0.998	14.733
12/14/2016 8:00:00 PM	597600.000	153.740	21.112
354.980	732.948	791.737	0.392
538.381	1364.353	0.998	14.730
12/14/2016 8:15:00 PM	598500.000	153.730	21.113
354.958	732.562	791.309	0.392
538.090	1365.072	0.998	14.730
12/14/2016 8:30:00 PM	599400.000	153.722	21.112
354.940	732.556	791.318	0.392
538.096	1365.083	0.998	14.735
12/14/2016 8:45:00 PM	600300.000	153.729	21.104
354.955	731.898	790.740	0.391
537.703	1366.310	0.998	14.736
12/14/2016 9:00:00 PM	601200.000	153.704	21.105
354.899	731.781	790.604	0.391
537.611	1366.530	0.998	14.746
12/14/2016 9:15:00 PM	602100.000	153.719	21.108
354.933	732.456	791.282	0.392
538.072	1365.270	0.998	14.743
12/14/2016 9:30:00 PM	603000.000	153.704	21.110
354.899	732.372	791.150	0.391
537.982	1365.427	0.998	14.743
12/14/2016 9:45:00 PM	603900.000	153.713	21.110
354.919	732.558	791.354	0.392
538.121	1365.080	0.998	14.743
12/14/2016 10:00:00 PM	604800.000	153.707	21.106
354.905	732.528	791.392	0.392
538.146	1365.136	0.998	14.744
12/14/2016 10:15:00 PM	605700.000	153.667	21.107
354.811	732.182	790.995	0.391
537.876	1365.781	0.998	14.744
12/14/2016 10:30:00 PM	606600.000	153.703	21.103
354.895	732.122	790.998	0.391
537.879	1365.892	0.998	14.738
12/14/2016 10:45:00 PM	607500.000	153.703	21.115
354.895	732.330	791.031	0.391
537.901	1365.505	0.998	14.745
12/14/2016 11:00:00 PM	608400.000	153.708	21.118
354.907	732.246	790.895	0.391
537.808	1365.661	0.998	14.742
12/14/2016 11:15:00 PM	609300.000	153.708	21.110
354.906	731.965	790.711	0.391
537.683	1366.186	0.998	14.742
12/14/2016 11:30:00 PM	610200.000	153.713	21.108
354.920	731.883	790.654	0.391

537.645	1366.339	0.998	14.741
12/14/2016 11:45:00 PM	611100.000	153.704	21.110
354.898	731.624	790.339	0.391
537.431	1366.823	0.998	14.744

Report Date: 12/19/2016 10:30:14 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_2016-12-15_15-06-10-521.wsl
Create Date: 12/15/2016 3:05:46 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: 740
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)

12/8/2016 12:00:00 AM	7200.000	70.110	16.808
157.930	37804.910	44817.715	30476.047
29.123	26.452	1.021	
12/8/2016 12:15:00 AM	8100.000	70.108	16.820
157.924	37816.664	44818.910	30476.859
29.125	26.443	1.021	
12/8/2016 12:30:00 AM	9000.000	70.092	16.814
157.888	37837.402	44849.734	30497.822
29.147	26.429	1.021	
12/8/2016 12:45:00 AM	9900.000	70.092	16.805
157.890	37834.398	44855.254	30501.574
29.150	26.431	1.021	
12/8/2016 1:00:00 AM	10800.000	70.109	16.811
157.926	37821.980	44834.113	30487.197
29.135	26.440	1.021	
12/8/2016 1:15:00 AM	11700.000	70.105	16.806
157.918	37806.535	44821.066	30478.326
29.126	26.450	1.021	
12/8/2016 1:30:00 AM	12600.000	70.106	16.813
157.921	37804.785	44812.223	30472.314
29.120	26.452	1.021	
12/8/2016 1:45:00 AM	13500.000	70.109	16.807
157.928	37818.195	44833.813	30486.994
29.135	26.442	1.021	
12/8/2016 2:00:00 AM	14400.000	70.106	16.809
157.920	37829.719	44845.340	30494.832
29.143	26.434	1.021	
12/8/2016 2:15:00 AM	15300.000	70.092	16.819
157.890	37822.684	44827.199	30482.498
29.131	26.439	1.021	
12/8/2016 2:30:00 AM	16200.000	70.106	16.819
157.921	37846.434	44855.887	30502.004
29.152	26.423	1.021	
12/8/2016 2:45:00 AM	17100.000	70.093	16.802
157.892	37818.320	44839.129	30490.607
29.139	26.442	1.021	
12/8/2016 3:00:00 AM	18000.000	70.114	16.817
157.939	37826.980	44834.430	30487.414
29.136	26.436	1.021	
12/8/2016 3:15:00 AM	18900.000	70.114	16.807
157.938	37817.313	44832.766	30486.283
29.134	26.443	1.021	
12/8/2016 3:30:00 AM	19800.000	70.118	16.805
157.947	37815.855	44833.090	30486.504
29.134	26.444	1.021	
12/8/2016 3:45:00 AM	20700.000	70.125	16.814
157.963	37802.336	44807.797	30469.305
29.117	26.453	1.021	
12/8/2016 4:00:00 AM	21600.000	70.120	16.824
157.952	37820.512	44819.281	30477.113
29.126	26.441	1.021	
12/8/2016 4:15:00 AM	22500.000	70.124	16.809

157.961	37836.145	44853.047	30500.074
29.149	26.430	1.021	
12/8/2016 4:30:00 AM	23400.000	70.113	16.814
157.936	37805.688	44812.219	30472.309
29.120	26.451	1.021	
12/8/2016 4:45:00 AM	24300.000	70.133	16.813
157.981	37808.746	44816.832	30475.447
29.123	26.449	1.021	
12/8/2016 5:00:00 AM	25200.000	70.142	16.810
158.001	37829.941	44844.895	30494.531
29.143	26.434	1.021	
12/8/2016 5:15:00 AM	26100.000	70.127	16.812
157.968	37829.410	44842.391	30492.828
29.142	26.434	1.021	
12/8/2016 5:30:00 AM	27000.000	70.149	16.813
158.016	37832.625	44845.301	30494.807
29.144	26.432	1.021	
12/8/2016 5:45:00 AM	27900.000	70.151	16.813
158.021	37849.094	44864.566	30507.908
29.158	26.421	1.021	
12/8/2016 6:00:00 AM	28800.000	70.156	16.802
158.034	37815.773	44836.027	30488.498
29.136	26.444	1.021	
12/8/2016 6:15:00 AM	29700.000	70.141	16.811
158.000	37838.914	44854.547	30501.094
29.150	26.428	1.021	
12/8/2016 6:30:00 AM	30600.000	70.162	16.805
158.047	37827.613	44847.563	30496.346
29.145	26.436	1.021	
12/8/2016 6:45:00 AM	31500.000	70.168	16.822
158.059	37844.379	44850.418	30498.287
29.148	26.424	1.021	
12/8/2016 7:00:00 AM	32400.000	70.153	16.804
158.026	37809.309	44826.840	30482.254
29.130	26.449	1.021	
12/8/2016 7:15:00 AM	33300.000	70.178	16.807
158.083	37821.133	44837.742	30489.666
29.138	26.440	1.021	
12/8/2016 7:30:00 AM	34200.000	70.173	16.813
158.072	37799.867	44806.648	30468.523
29.116	26.455	1.021	
12/8/2016 7:45:00 AM	35100.000	70.180	16.807
158.087	37815.863	44831.410	30485.361
29.133	26.444	1.021	
12/8/2016 8:00:00 AM	36000.000	70.164	16.814
158.052	37831.242	44842.781	30493.094
29.142	26.433	1.021	
12/8/2016 8:15:00 AM	36900.000	70.162	16.809
158.046	37824.746	44839.891	30491.127
29.140	26.438	1.021	
12/8/2016 8:30:00 AM	37800.000	70.186	16.820
158.102	37834.336	44840.117	30491.281
29.140	26.431	1.021	
12/8/2016 8:45:00 AM	38700.000	70.186	16.812
158.101	37837.777	44852.664	30499.813
29.149	26.429	1.021	

12/8/2016 9:00:00 AM	39600.000	70.187	16.807
158.103	37820.598	44836.938	30489.119
29.137	26.441	1.021	
12/8/2016 9:15:00 AM	40500.000	70.186	16.816
158.102	37808.094	44813.211	30472.986
29.121	26.449	1.021	
12/8/2016 9:30:00 AM	41400.000	70.188	16.817
158.105	37815.926	44820.973	30478.264
29.126	26.444	1.021	
12/8/2016 9:45:00 AM	42300.000	70.186	16.822
158.102	37843.563	44848.473	30496.961
29.146	26.425	1.021	
12/8/2016 10:00:00 AM	43200.000	70.185	16.813
158.098	37846.496	44861.395	30505.748
29.155	26.423	1.021	
12/8/2016 10:15:00 AM	44100.000	70.169	16.815
158.062	37822.520	44830.914	30485.023
29.133	26.439	1.021	
12/8/2016 10:30:00 AM	45000.000	70.187	16.818
158.104	37849.246	44860.207	30504.941
29.155	26.421	1.021	
12/8/2016 10:45:00 AM	45900.000	70.186	16.807
158.102	37810.543	44825.543	30481.371
29.129	26.448	1.021	
12/8/2016 11:00:00 AM	46800.000	70.181	16.810
158.089	37840.906	44857.707	30503.242
29.152	26.426	1.021	
12/8/2016 11:15:00 AM	47700.000	70.177	16.810
158.081	37816.945	44830.020	30484.416
29.132	26.443	1.021	
12/8/2016 11:30:00 AM	48600.000	70.169	16.803
158.063	37826.852	44848.359	30496.885
29.145	26.436	1.021	
12/8/2016 11:45:00 AM	49500.000	70.168	16.807
158.060	37827.387	44844.527	30494.279
29.143	26.436	1.021	
12/8/2016 12:00:00 PM	50400.000	70.176	16.808
158.079	37817.688	44832.410	30486.041
29.134	26.443	1.021	
12/8/2016 12:15:00 PM	51300.000	70.163	16.816
158.049	37849.215	44862.207	30506.303
29.156	26.421	1.021	
12/8/2016 12:30:00 PM	52200.000	70.170	16.815
158.065	37857.523	44873.031	30513.664
29.164	26.415	1.021	
12/8/2016 12:45:00 PM	53100.000	70.159	16.813
158.040	37805.543	44813.477	30473.166
29.121	26.451	1.021	
12/8/2016 1:00:00 PM	54000.000	70.153	16.809
158.027	37816.523	44830.227	30484.557
29.133	26.443	1.021	
12/8/2016 1:15:00 PM	54900.000	70.168	16.809
158.061	37817.516	44831.316	30485.297
29.133	26.443	1.021	
12/8/2016 1:30:00 PM	55800.000	70.164	16.814
158.052	37834.461	44846.145	30495.381

29.144	26.431	1.021	
12/8/2016 1:45:00 PM	56700.000	70.163	16.808
158.050	37834.652	44852.695	30499.836
29.149	26.431	1.021	
12/8/2016 2:00:00 PM	57600.000	70.152	16.808
158.025	37802.840	44815.168	30474.316
29.122	26.453	1.021	
12/8/2016 2:15:00 PM	58500.000	70.168	16.800
158.060	37799.039	44818.676	30476.699
29.124	26.456	1.021	
12/8/2016 2:30:00 PM	59400.000	70.145	16.810
158.009	37829.629	44844.789	30494.459
29.143	26.434	1.021	
12/8/2016 2:45:00 PM	60300.000	70.163	16.808
158.050	37829.914	44846.547	30495.652
29.144	26.434	1.021	
12/8/2016 3:00:00 PM	61200.000	70.159	16.810
158.040	37839.836	44857.066	30502.807
29.152	26.427	1.021	
12/8/2016 3:15:00 PM	62100.000	70.148	16.818
158.014	37833.137	44840.742	30491.707
29.141	26.432	1.021	
12/8/2016 3:30:00 PM	63000.000	70.165	16.809
158.052	37824.527	44839.715	30491.008
29.139	26.438	1.021	
12/8/2016 3:45:00 PM	63900.000	70.163	16.817
158.049	37838.828	44848.293	30496.842
29.146	26.428	1.021	
12/8/2016 4:00:00 PM	64800.000	70.147	16.813
158.012	37815.336	44824.809	30480.873
29.129	26.444	1.021	
12/8/2016 4:15:00 PM	65700.000	70.148	16.801
158.016	37818.172	44839.848	30491.098
29.139	26.442	1.021	
12/8/2016 4:30:00 PM	66600.000	70.149	16.810
158.018	37830.766	44845.871	30495.195
29.144	26.434	1.021	
12/8/2016 4:45:00 PM	67500.000	70.151	16.811
158.021	37827.676	44840.867	30491.791
29.140	26.436	1.021	
12/8/2016 5:00:00 PM	68400.000	70.168	16.814
158.059	37826.090	44835.949	30488.447
29.137	26.437	1.021	
12/8/2016 5:15:00 PM	69300.000	70.170	16.811
158.065	37848.645	44866.520	30509.236
29.159	26.421	1.021	
12/8/2016 5:30:00 PM	70200.000	70.171	16.811
158.066	37828.145	44842.320	30492.779
29.141	26.435	1.021	
12/8/2016 5:45:00 PM	71100.000	70.174	16.807
158.073	37817.527	44833.383	30486.701
29.135	26.443	1.021	
12/8/2016 6:00:00 PM	72000.000	70.173	16.819
158.071	37839.648	44847.664	30496.414
29.146	26.427	1.021	
12/8/2016 6:15:00 PM	72900.000	70.177	16.810

158.080	37824.609	44838.211	30489.986
29.138	26.438	1.021	
12/8/2016 6:30:00 PM	73800.000	70.177	16.812
158.080	37824.012	44836.168	30488.596
29.137	26.438	1.021	
12/8/2016 6:45:00 PM	74700.000	70.177	16.813
158.080	37827.836	44839.727	30491.014
29.140	26.436	1.021	
12/8/2016 7:00:00 PM	75600.000	70.175	16.812
158.077	37836.617	44851.109	30498.754
29.148	26.429	1.021	
12/8/2016 7:15:00 PM	76500.000	70.165	16.813
158.053	37806.910	44815.098	30474.270
29.122	26.450	1.021	
12/8/2016 7:30:00 PM	77400.000	70.179	16.806
158.085	37815.305	44831.727	30485.574
29.133	26.444	1.021	
12/8/2016 7:45:00 PM	78300.000	70.184	16.809
158.096	37827.555	44842.957	30493.211
29.142	26.436	1.021	
12/8/2016 8:00:00 PM	79200.000	70.185	16.815
158.100	37792.086	44795.027	30460.621
29.107	26.461	1.021	
12/8/2016 8:15:00 PM	80100.000	70.183	16.806
158.094	37842.711	44864.031	30507.541
29.157	26.425	1.021	
12/8/2016 8:30:00 PM	81000.000	70.185	16.811
158.100	37833.414	44848.117	30496.721
29.146	26.432	1.021	
12/8/2016 8:45:00 PM	81900.000	70.180	16.803
158.088	37838.063	44861.559	30505.861
29.155	26.428	1.021	
12/8/2016 9:00:00 PM	82800.000	70.166	16.809
158.056	37819.746	44834.316	30487.338
29.135	26.441	1.021	
12/8/2016 9:15:00 PM	83700.000	70.178	16.807
158.083	37813.656	44828.879	30483.641
29.131	26.445	1.021	
12/8/2016 9:30:00 PM	84600.000	70.175	16.824
158.076	37823.762	44823.414	30479.924
29.128	26.438	1.021	
12/8/2016 9:45:00 PM	85500.000	70.172	16.815
158.069	37829.383	44839.422	30490.809
29.140	26.434	1.021	
12/8/2016 10:00:00 PM	86400.000	70.170	16.815
158.065	37866.914	44884.086	30521.182
29.172	26.408	1.021	
12/8/2016 10:15:00 PM	87300.000	70.175	16.804
158.077	37836.160	44858.676	30503.902
29.153	26.430	1.021	
12/8/2016 10:30:00 PM	88200.000	70.168	16.804
158.059	37816.219	44835.211	30487.945
29.136	26.444	1.021	
12/8/2016 10:45:00 PM	89100.000	70.168	16.806
158.061	37827.289	44845.848	30495.176
29.144	26.436	1.021	

12/8/2016 11:00:00 PM	90000.000	70.146	16.810
158.011	37793.105	44801.133	30464.773
29.112	26.460	1.021	
12/8/2016 11:15:00 PM	90900.000	70.161	16.806
158.044	37820.816	44838.262	30490.020
29.138	26.440	1.021	
12/8/2016 11:30:00 PM	91800.000	70.141	16.807
158.000	37841.285	44861.813	30506.035
29.155	26.426	1.021	
12/8/2016 11:45:00 PM	92700.000	70.158	16.813
158.038	37816.438	44825.586	30481.400
29.129	26.444	1.021	
12/9/2016 12:00:00 AM	93600.000	70.153	16.818
158.026	37830.238	44837.129	30489.250
29.138	26.434	1.021	
12/9/2016 12:15:00 AM	94500.000	70.152	16.811
158.025	37820.293	44832.301	30485.965
29.134	26.441	1.021	
12/9/2016 12:30:00 AM	95400.000	70.149	16.812
158.018	37819.211	44830.652	30484.846
29.133	26.442	1.021	
12/9/2016 12:45:00 AM	96300.000	70.137	16.815
157.990	37816.922	44824.465	30480.639
29.129	26.443	1.021	
12/9/2016 1:00:00 AM	97200.000	70.150	16.811
158.020	37837.621	44853.277	30500.230
29.149	26.429	1.021	
12/9/2016 1:15:00 AM	98100.000	70.131	16.814
157.977	37832.094	44842.992	30493.236
29.142	26.433	1.021	
12/9/2016 1:30:00 AM	99000.000	70.146	16.805
158.011	37810.527	44827.391	30482.625
29.130	26.448	1.021	
12/9/2016 1:45:00 AM	99900.000	70.150	16.803
158.019	37846.781	44871.988	30512.955
29.162	26.422	1.021	
12/9/2016 2:00:00 AM	100800.000	70.145	16.815
158.009	37828.086	44837.793	30489.701
29.138	26.435	1.021	
12/9/2016 2:15:00 AM	101700.000	70.144	16.809
158.007	37815.824	44828.957	30483.691
29.132	26.444	1.021	
12/9/2016 2:30:00 AM	102600.000	70.129	16.817
157.973	37817.004	44823.055	30479.680
29.128	26.443	1.021	
12/9/2016 2:45:00 AM	103500.000	70.145	16.809
158.009	37812.125	44824.832	30480.889
29.129	26.447	1.021	
12/9/2016 3:00:00 AM	104400.000	70.148	16.809
158.015	37834.777	44851.781	30499.213
29.148	26.431	1.021	
12/9/2016 3:15:00 AM	105300.000	70.147	16.822
158.014	37840.023	44844.902	30494.535
29.144	26.427	1.021	
12/9/2016 3:30:00 AM	106200.000	70.149	16.817
158.018	37856.137	44868.547	30510.613

29.161	26.416	1.021	
12/9/2016 3:45:00 AM	107100.000	70.155	16.816
158.030	37846.754	44859.035	30504.146
29.154	26.422	1.021	
12/9/2016 4:00:00 AM	108000.000	70.137	16.819
157.991	37824.996	44829.762	30484.240
29.133	26.438	1.021	
12/9/2016 4:15:00 AM	108900.000	70.161	16.818
158.045	37832.797	44840.711	30491.686
29.141	26.432	1.021	
12/9/2016 4:30:00 AM	109800.000	70.158	16.832
158.037	37847.641	44843.234	30493.402
29.143	26.422	1.021	
12/9/2016 4:45:00 AM	110700.000	70.151	16.814
158.022	37832.984	44844.496	30494.260
29.143	26.432	1.021	
12/9/2016 5:00:00 AM	111600.000	70.169	16.814
158.062	37854.746	44870.191	30511.732
29.162	26.417	1.021	
12/9/2016 5:15:00 AM	112500.000	70.161	16.802
158.044	37801.738	44819.211	30477.066
29.124	26.454	1.021	
12/9/2016 5:30:00 AM	113400.000	70.166	16.819
158.056	37831.211	44837.219	30489.309
29.138	26.433	1.021	
12/9/2016 5:45:00 AM	114300.000	70.183	16.821
158.094	37843.059	44849.219	30497.471
29.147	26.425	1.021	
12/9/2016 6:00:00 AM	115200.000	70.187	16.817
158.104	37828.523	44836.078	30488.535
29.137	26.435	1.021	
12/9/2016 6:15:00 AM	116100.000	70.176	16.816
158.079	37825.422	44833.379	30486.697
29.135	26.437	1.021	
12/9/2016 6:30:00 AM	117000.000	70.200	16.808
158.133	37810.664	44824.086	30480.381
29.128	26.448	1.021	
12/9/2016 6:45:00 AM	117900.000	70.199	16.809
158.129	37854.148	44874.301	30514.527
29.164	26.417	1.021	
12/9/2016 7:00:00 AM	118800.000	70.193	16.811
158.117	37838.469	44854.281	30500.914
29.150	26.428	1.021	
12/9/2016 7:15:00 AM	119700.000	70.208	16.811
158.151	37817.445	44829.098	30483.789
29.132	26.443	1.021	
12/9/2016 7:30:00 AM	120600.000	70.216	16.810
158.169	37820.941	44834.758	30487.637
29.136	26.440	1.021	
12/9/2016 7:45:00 AM	121500.000	70.199	16.819
158.130	37817.453	44821.180	30478.402
29.127	26.443	1.021	
12/9/2016 8:00:00 AM	122400.000	70.208	16.805
158.151	37835.070	44855.699	30501.877
29.151	26.431	1.021	
12/9/2016 8:15:00 AM	123300.000	70.226	16.808

158.191	37838.406	44857.332	30502.986
29.152	26.428	1.021	
12/9/2016 8:30:00 AM	124200.000	70.210	16.816
158.155	37807.766	44812.902	30472.775
29.120	26.450	1.021	
12/9/2016 8:45:00 AM	125100.000	70.212	16.806
158.159	37816.328	44832.750	30486.271
29.134	26.444	1.021	
12/9/2016 9:00:00 AM	126000.000	70.218	16.813
158.173	37818.184	44828.285	30483.236
29.131	26.442	1.021	
12/9/2016 9:15:00 AM	126900.000	70.217	16.816
158.172	37807.004	44811.473	30471.801
29.119	26.450	1.021	
12/9/2016 9:30:00 AM	127800.000	70.234	16.803
158.208	37824.199	44845.215	30494.748
29.143	26.438	1.021	
12/9/2016 9:45:00 AM	128700.000	70.234	16.805
158.208	37809.563	44825.910	30481.621
29.129	26.448	1.021	
12/9/2016 10:00:00 AM	129600.000	70.221	16.800
158.180	37827.133	44851.910	30499.301
29.148	26.436	1.021	
12/9/2016 10:15:00 AM	130500.000	70.232	16.802
158.204	37840.906	44866.449	30509.188
29.158	26.426	1.021	
12/9/2016 10:30:00 AM	131400.000	70.235	16.807
158.210	37840.430	44860.449	30505.105
29.154	26.427	1.021	
12/9/2016 10:45:00 AM	132300.000	70.234	16.801
158.209	37828.074	44851.766	30499.203
29.148	26.435	1.021	
12/9/2016 11:00:00 AM	133200.000	70.233	16.805
158.207	37821.836	44840.887	30491.805
29.140	26.440	1.021	
12/9/2016 11:15:00 AM	134100.000	70.230	16.814
158.200	37843.340	44856.672	30502.539
29.152	26.425	1.021	
12/9/2016 11:30:00 AM	135000.000	70.210	16.816
158.155	37818.844	44825.406	30481.279
29.129	26.442	1.021	
12/9/2016 11:45:00 AM	135900.000	70.225	16.807
158.190	37840.242	44860.227	30504.957
29.154	26.427	1.021	
12/9/2016 12:00:00 PM	136800.000	70.210	16.818
158.156	37826.438	44832.805	30486.307
29.135	26.437	1.021	
12/9/2016 12:15:00 PM	137700.000	70.206	16.812
158.146	37824.645	44836.391	30488.746
29.137	26.438	1.021	
12/9/2016 12:30:00 PM	138600.000	70.220	16.813
158.177	37809.840	44818.129	30476.330
29.124	26.448	1.021	
12/9/2016 12:45:00 PM	139500.000	70.199	16.811
158.130	37844.918	44862.203	30506.301
29.156	26.424	1.021	

12/9/2016 1:00:00 PM	140400.000	70.198	16.809
158.129	37850.039	44869.520	30511.273
29.161	26.420	1.021	
12/9/2016 1:15:00 PM	141300.000	70.193	16.808
158.116	37812.023	44825.340	30481.232
29.129	26.447	1.021	
12/9/2016 1:30:00 PM	142200.000	70.207	16.808
158.148	37796.844	44808.152	30469.545
29.117	26.457	1.021	
12/9/2016 1:45:00 PM	143100.000	70.189	16.810
158.108	37835.633	44851.641	30499.117
29.148	26.430	1.021	
12/9/2016 2:00:00 PM	144000.000	70.207	16.809
158.148	37835.035	44851.898	30499.293
29.148	26.431	1.021	
12/9/2016 2:15:00 PM	144900.000	70.187	16.817
158.103	37834.902	44843.996	30493.920
29.143	26.431	1.021	
12/9/2016 2:30:00 PM	145800.000	70.199	16.812
158.131	37808.746	44817.980	30476.229
29.124	26.449	1.021	
12/9/2016 2:45:00 PM	146700.000	70.194	16.817
158.119	37840.211	44850.203	30498.141
29.147	26.427	1.021	
12/9/2016 3:00:00 PM	147600.000	70.194	16.814
158.118	37837.340	44849.211	30497.465
29.147	26.429	1.021	
12/9/2016 3:15:00 PM	148500.000	70.177	16.806
158.082	37799.496	44812.535	30472.525
29.120	26.455	1.021	
12/9/2016 3:30:00 PM	149400.000	70.190	16.812
158.109	37805.648	44814.672	30473.979
29.121	26.451	1.021	
12/9/2016 3:45:00 PM	150300.000	70.189	16.812
158.108	37824.328	44836.016	30488.490
29.137	26.438	1.021	
12/9/2016 4:00:00 PM	151200.000	70.187	16.812
158.104	37843.086	44858.328	30503.666
29.153	26.425	1.021	
12/9/2016 4:15:00 PM	152100.000	70.183	16.817
158.095	37838.535	44848.039	30496.668
29.146	26.428	1.021	
12/9/2016 4:30:00 PM	153000.000	70.172	16.809
158.069	37807.867	44819.879	30477.518
29.125	26.450	1.021	
12/9/2016 4:45:00 PM	153900.000	70.186	16.804
158.101	37815.227	44833.676	30486.902
29.135	26.444	1.021	
12/9/2016 5:00:00 PM	154800.000	70.171	16.811
158.067	37829.883	44844.012	30493.930
29.143	26.434	1.021	
12/9/2016 5:15:00 PM	155700.000	70.191	16.816
158.111	37828.617	44837.090	30489.221
29.138	26.435	1.021	
12/9/2016 5:30:00 PM	156600.000	70.192	16.813
158.114	37847.004	44862.270	30506.346

29.156	26.422	1.021	
12/9/2016 5:45:00 PM	157500.000	70.172	16.827
158.069	37844.477	44844.836	30494.490
29.144	26.424	1.021	
12/9/2016 6:00:00 PM	158400.000	70.192	16.811
158.115	37816.941	44828.590	30483.441
29.131	26.443	1.021	
12/9/2016 6:15:00 PM	159300.000	70.193	16.814
158.117	37826.422	44836.617	30488.900
29.137	26.437	1.021	
12/9/2016 6:30:00 PM	160200.000	70.190	16.821
158.110	37807.738	44807.707	30469.242
29.117	26.450	1.021	
12/9/2016 6:45:00 PM	161100.000	70.181	16.815
158.090	37840.586	44852.156	30499.469
29.149	26.427	1.021	
12/9/2016 7:00:00 PM	162000.000	70.202	16.813
158.138	37823.133	44834.328	30487.346
29.136	26.439	1.021	
12/9/2016 7:15:00 PM	162900.000	70.186	16.814
158.101	37802.109	44807.797	30469.305
29.117	26.454	1.021	
12/9/2016 7:30:00 PM	163800.000	70.205	16.808
158.143	37838.094	44857.141	30502.857
29.152	26.428	1.021	
12/9/2016 7:45:00 PM	164700.000	70.209	16.818
158.152	37839.012	44848.078	30496.695
29.146	26.428	1.021	
12/9/2016 8:00:00 PM	165600.000	70.191	16.814
158.113	37850.098	44864.781	30508.053
29.158	26.420	1.021	
12/9/2016 8:15:00 PM	166500.000	70.211	16.810
158.157	37847.699	44866.301	30509.084
29.159	26.422	1.021	
12/9/2016 8:30:00 PM	167400.000	70.212	16.811
158.160	37844.004	44860.223	30504.953
29.154	26.424	1.021	
12/9/2016 8:45:00 PM	168300.000	70.212	16.807
158.159	37824.918	44842.230	30492.717
29.141	26.438	1.021	
12/9/2016 9:00:00 PM	169200.000	70.215	16.810
158.166	37827.234	44842.219	30492.711
29.141	26.436	1.021	
12/9/2016 9:15:00 PM	170100.000	70.208	16.820
158.151	37820.891	44824.359	30480.566
29.129	26.440	1.021	
12/9/2016 9:30:00 PM	171000.000	70.200	16.813
158.132	37844.473	44858.816	30503.998
29.153	26.424	1.021	
12/9/2016 9:45:00 PM	171900.000	70.203	16.802
158.138	37839.293	44864.535	30507.887
29.157	26.428	1.021	
12/9/2016 10:00:00 PM	172800.000	70.199	16.806
158.130	37849.559	44872.070	30513.010
29.163	26.420	1.021	
12/9/2016 10:15:00 PM	173700.000	70.200	16.813

158.133	37828.027	44839.324	30490.742
29.139	26.435	1.021	
12/9/2016 10:30:00 PM	174600.000	70.203	16.812
158.139	37803.246	44811.637	30471.916
29.119	26.453	1.021	
12/9/2016 10:45:00 PM	175500.000	70.218	16.808
158.172	37806.598	44819.801	30477.467
29.125	26.450	1.021	
12/9/2016 11:00:00 PM	176400.000	70.213	16.806
158.162	37818.531	44835.363	30488.049
29.136	26.442	1.021	
12/9/2016 11:15:00 PM	177300.000	70.212	16.822
158.159	37835.508	44838.930	30490.475
29.140	26.430	1.021	
12/9/2016 11:30:00 PM	178200.000	70.213	16.807
158.161	37811.105	44825.855	30481.582
29.129	26.447	1.021	
12/9/2016 11:45:00 PM	179100.000	70.214	16.810
158.164	37819.633	44832.410	30486.041
29.134	26.441	1.021	
12/10/2016 12:00:00 AM	180000.000	70.212	16.806
158.158	37796.066	44809.359	30470.367
29.117	26.458	1.021	
12/10/2016 12:15:00 AM	180900.000	70.196	16.805
158.124	37808.117	44824.008	30480.328
29.128	26.449	1.021	
12/10/2016 12:30:00 AM	181800.000	70.209	16.811
158.153	37824.957	44838.359	30490.086
29.139	26.438	1.021	
12/10/2016 12:45:00 AM	182700.000	70.205	16.816
158.143	37836.109	44845.789	30495.139
29.144	26.430	1.021	
12/10/2016 1:00:00 AM	183600.000	70.190	16.805
158.109	37809.809	44825.750	30481.512
29.129	26.448	1.021	
12/10/2016 1:15:00 AM	184500.000	70.205	16.811
158.143	37825.027	44838.086	30489.900
29.138	26.438	1.021	
12/10/2016 1:30:00 AM	185400.000	70.208	16.810
158.151	37846.059	44864.000	30507.521
29.157	26.423	1.021	
12/10/2016 1:45:00 AM	186300.000	70.206	16.809
158.145	37848.078	44867.363	30509.807
29.159	26.421	1.021	
12/10/2016 2:00:00 AM	187200.000	70.206	16.811
158.147	37816.859	44828.492	30483.375
29.131	26.443	1.021	
12/10/2016 2:15:00 AM	188100.000	70.203	16.819
158.140	37837.246	44844.203	30494.061
29.143	26.429	1.021	
12/10/2016 2:30:00 AM	189000.000	70.190	16.816
158.109	37848.645	44860.648	30505.244
29.155	26.421	1.021	
12/10/2016 2:45:00 AM	189900.000	70.200	16.817
158.132	37843.086	44853.969	30500.699
29.150	26.425	1.021	

12/10/2016 3:00:00 AM	190800.000	70.205	16.810
158.143	37841.789	44859.293	30504.322
29.154	26.426	1.021	
12/10/2016 3:15:00 AM	191700.000	70.191	16.809
158.113	37808.113	44819.637	30477.354
29.125	26.449	1.021	
12/10/2016 3:30:00 AM	192600.000	70.209	16.815
158.152	37805.715	44810.824	30471.363
29.119	26.451	1.021	
12/10/2016 3:45:00 AM	193500.000	70.208	16.807
158.150	37831.469	44850.262	30498.178
29.147	26.433	1.021	
12/10/2016 4:00:00 AM	194400.000	70.213	16.817
158.161	37850.320	44861.914	30506.104
29.156	26.420	1.021	
12/10/2016 4:15:00 AM	195300.000	70.217	16.820
158.170	37835.410	44841.305	30492.090
29.141	26.430	1.021	
12/10/2016 4:30:00 AM	196200.000	70.215	16.812
158.167	37838.629	44852.867	30499.951
29.149	26.428	1.021	
12/10/2016 4:45:00 AM	197100.000	70.224	16.807
158.186	37831.531	44849.902	30497.934
29.147	26.433	1.021	
12/10/2016 5:00:00 AM	198000.000	70.226	16.813
158.191	37836.934	44849.883	30497.922
29.147	26.429	1.021	
12/10/2016 5:15:00 AM	198900.000	70.233	16.810
158.207	37822.031	44835.152	30487.906
29.136	26.440	1.021	
12/10/2016 5:30:00 AM	199800.000	70.232	16.812
158.205	37820.887	44832.371	30486.014
29.134	26.440	1.021	
12/10/2016 5:45:00 AM	200700.000	70.228	16.814
158.195	37808.926	44815.980	30474.869
29.123	26.449	1.021	
12/10/2016 6:00:00 AM	201600.000	70.246	16.817
158.237	37813.410	44818.258	30476.418
29.124	26.446	1.021	
12/10/2016 6:15:00 AM	202500.000	70.251	16.819
158.247	37837.402	44844.641	30494.355
29.144	26.429	1.021	
12/10/2016 6:30:00 AM	203400.000	70.237	16.813
158.216	37824.832	44836.242	30488.646
29.137	26.438	1.021	
12/10/2016 6:45:00 AM	204300.000	70.259	16.819
158.266	37836.168	44843.180	30493.365
29.142	26.430	1.021	
12/10/2016 7:00:00 AM	205200.000	70.266	16.814
158.281	37833.707	44845.605	30495.012
29.144	26.431	1.021	
12/10/2016 7:15:00 AM	206100.000	70.269	16.811
158.287	37842.828	44858.922	30504.068
29.153	26.425	1.021	
12/10/2016 7:30:00 AM	207000.000	70.264	16.813
158.277	37835.379	44848.039	30496.668

29.146	26.430	1.021	
12/10/2016 7:45:00 AM	207900.000	70.266	16.803
158.281	37842.926	44867.672	30510.020
29.159	26.425	1.021	
12/10/2016 8:00:00 AM	208800.000	70.290	16.812
158.335	37842.012	44857.684	30503.225
29.153	26.426	1.021	
12/10/2016 8:15:00 AM	209700.000	70.291	16.807
158.337	37777.402	44786.164	30454.594
29.101	26.471	1.021	
12/10/2016 8:30:00 AM	210600.000	70.275	16.814
158.302	37817.980	44827.145	30482.461
29.131	26.442	1.021	
12/10/2016 8:45:00 AM	211500.000	70.302	16.815
158.363	37829.191	44839.102	30490.592
29.139	26.435	1.021	
12/10/2016 9:00:00 AM	212400.000	70.305	16.820
158.369	37823.703	44827.602	30482.771
29.131	26.438	1.021	
12/10/2016 9:15:00 AM	213300.000	70.308	16.810
158.376	37854.938	44874.883	30514.922
29.165	26.417	1.021	
12/10/2016 9:30:00 AM	214200.000	70.292	16.814
158.340	37820.730	44829.785	30484.254
29.133	26.441	1.021	
12/10/2016 9:45:00 AM	215100.000	70.292	16.810
158.340	37834.652	44850.480	30498.328
29.147	26.431	1.021	
12/10/2016 10:00:00 AM	216000.000	70.315	16.809
158.392	37820.723	44834.855	30487.703
29.136	26.441	1.021	
12/10/2016 10:15:00 AM	216900.000	70.311	16.807
158.383	37813.527	44828.992	30483.717
29.132	26.446	1.021	
12/10/2016 10:30:00 AM	217800.000	70.314	16.810
158.388	37844.668	44862.707	30506.641
29.156	26.424	1.021	
12/10/2016 10:45:00 AM	218700.000	70.312	16.811
158.384	37843.871	44860.516	30505.152
29.155	26.424	1.021	
12/10/2016 11:00:00 AM	219600.000	70.313	16.815
158.387	37807.305	44812.633	30472.592
29.120	26.450	1.021	
12/10/2016 11:15:00 AM	220500.000	70.315	16.809
158.391	37825.996	44840.836	30491.771
29.140	26.437	1.021	
12/10/2016 11:30:00 AM	221400.000	70.299	16.811
158.355	37816.789	44828.410	30483.320
29.131	26.443	1.021	
12/10/2016 11:45:00 AM	222300.000	70.311	16.812
158.381	37831.344	44844.145	30494.020
29.143	26.433	1.021	
12/10/2016 12:00:00 PM	223200.000	70.288	16.812
158.331	37819.344	44830.285	30484.594
29.133	26.441	1.021	
12/10/2016 12:15:00 PM	224100.000	70.305	16.809

158.369	37819.938	44834.543	30487.492
29.136	26.441	1.021	
12/10/2016 12:30:00 PM	225000.000	70.299	16.813
158.356	37805.590	44813.094	30472.906
29.120	26.451	1.021	
12/10/2016 12:45:00 PM	225900.000	70.294	16.812
158.343	37813.789	44823.336	30479.869
29.128	26.445	1.021	
12/10/2016 1:00:00 PM	226800.000	70.294	16.810
158.345	37824.574	44838.168	30489.955
29.138	26.438	1.021	
12/10/2016 1:15:00 PM	227700.000	70.291	16.813
158.336	37842.102	44856.813	30502.635
29.152	26.426	1.021	
12/10/2016 1:30:00 PM	228600.000	70.266	16.820
158.281	37823.449	44826.684	30482.145
29.131	26.439	1.021	
12/10/2016 1:45:00 PM	229500.000	70.281	16.809
158.315	37828.172	44844.406	30494.197
29.143	26.435	1.021	
12/10/2016 2:00:00 PM	230400.000	70.274	16.814
158.299	37848.332	44862.586	30506.559
29.156	26.421	1.021	
12/10/2016 2:15:00 PM	231300.000	70.274	16.815
158.299	37806.250	44811.383	30471.742
29.119	26.451	1.021	
12/10/2016 2:30:00 PM	232200.000	70.271	16.810
158.291	37837.340	44853.398	30500.313
29.149	26.429	1.021	
12/10/2016 2:45:00 PM	233100.000	70.270	16.803
158.289	37801.063	44817.426	30475.852
29.123	26.454	1.021	
12/10/2016 3:00:00 PM	234000.000	70.264	16.813
158.276	37828.180	44839.590	30490.924
29.140	26.435	1.021	
12/10/2016 3:15:00 PM	234900.000	70.265	16.810
158.280	37813.461	44825.715	30481.486
29.129	26.446	1.021	
12/10/2016 3:30:00 PM	235800.000	70.244	16.805
158.230	37827.824	44847.813	30496.516
29.145	26.436	1.021	
12/10/2016 3:45:00 PM	236700.000	70.258	16.810
158.263	37832.914	44848.055	30496.680
29.146	26.432	1.021	
12/10/2016 4:00:00 PM	237600.000	70.255	16.805
158.257	37824.016	44843.297	30493.443
29.142	26.438	1.021	
12/10/2016 4:15:00 PM	238500.000	70.257	16.805
158.260	37831.621	44852.484	30499.691
29.148	26.433	1.021	
12/10/2016 4:30:00 PM	239400.000	70.254	16.817
158.255	37818.996	44824.609	30480.736
29.129	26.442	1.021	
12/10/2016 4:45:00 PM	240300.000	70.247	16.821
158.239	37823.703	44826.188	30481.811
29.130	26.438	1.021	

12/10/2016 5:00:00 PM	241200.000	70.234	16.812
158.208	37840.777	44856.313	30502.295
29.152	26.427	1.021	
12/10/2016 5:15:00 PM	242100.000	70.246	16.811
158.237	37823.953	44836.453	30488.791
29.137	26.438	1.021	
12/10/2016 5:30:00 PM	243000.000	70.248	16.806
158.242	37830.547	44849.438	30497.617
29.146	26.434	1.021	
12/10/2016 5:45:00 PM	243900.000	70.252	16.814
158.249	37821.672	44831.613	30485.500
29.134	26.440	1.021	
12/10/2016 6:00:00 PM	244800.000	70.249	16.812
158.244	37828.688	44841.531	30492.242
29.141	26.435	1.021	
12/10/2016 6:15:00 PM	245700.000	70.251	16.812
158.246	37839.734	44854.094	30500.783
29.150	26.427	1.021	
12/10/2016 6:30:00 PM	246600.000	70.248	16.810
158.242	37828.945	44843.449	30493.545
29.142	26.435	1.021	
12/10/2016 6:45:00 PM	247500.000	70.250	16.817
158.245	37812.941	44818.152	30476.346
29.124	26.446	1.021	
12/10/2016 7:00:00 PM	248400.000	70.249	16.823
158.244	37843.594	44848.148	30496.744
29.146	26.425	1.021	
12/10/2016 7:15:00 PM	249300.000	70.254	16.808
158.254	37815.996	44830.766	30484.922
29.133	26.444	1.021	
12/10/2016 7:30:00 PM	250200.000	70.243	16.816
158.228	37835.258	44844.961	30494.576
29.144	26.430	1.021	
12/10/2016 7:45:00 PM	251100.000	70.258	16.816
158.263	37831.563	44841.285	30492.074
29.141	26.433	1.021	
12/10/2016 8:00:00 PM	252000.000	70.260	16.813
158.268	37836.961	44850.543	30498.371
29.147	26.429	1.021	
12/10/2016 8:15:00 PM	252900.000	70.266	16.812
158.281	37852.406	44869.648	30511.361
29.161	26.418	1.021	
12/10/2016 8:30:00 PM	253800.000	70.268	16.808
158.285	37823.664	44839.234	30490.682
29.139	26.438	1.021	
12/10/2016 8:45:00 PM	254700.000	70.268	16.807
158.286	37837.270	44856.426	30502.371
29.151	26.429	1.021	
12/10/2016 9:00:00 PM	255600.000	70.256	16.803
158.259	37819.875	44840.527	30491.561
29.140	26.441	1.021	
12/10/2016 9:15:00 PM	256500.000	70.276	16.808
158.303	37840.465	44859.684	30504.588
29.154	26.427	1.021	
12/10/2016 9:30:00 PM	257400.000	70.275	16.808
158.302	37827.504	44844.051	30493.955

29.142	26.436	1.021	
12/10/2016 9:45:00 PM	258300.000	70.263	16.810
158.273	37835.344	44851.738	30499.184
29.148	26.430	1.021	
12/10/2016 10:00:00 PM	259200.000	70.278	16.805
158.309	37801.227	44816.102	30474.951
29.122	26.454	1.021	
12/10/2016 10:15:00 PM	260100.000	70.279	16.804
158.311	37815.531	44833.961	30487.096
29.135	26.444	1.021	
12/10/2016 10:30:00 PM	261000.000	70.278	16.812
158.308	37826.410	44839.188	30490.650
29.139	26.437	1.021	
12/10/2016 10:45:00 PM	261900.000	70.267	16.808
158.283	37806.023	44818.941	30476.883
29.124	26.451	1.021	
12/10/2016 11:00:00 PM	262800.000	70.282	16.805
158.318	37800.957	44815.430	30474.492
29.122	26.454	1.021	
12/10/2016 11:15:00 PM	263700.000	70.281	16.810
158.315	37837.047	44853.582	30500.438
29.149	26.429	1.021	
12/10/2016 11:30:00 PM	264600.000	70.280	16.816
158.313	37829.508	44838.145	30489.941
29.139	26.434	1.021	
12/10/2016 11:45:00 PM	265500.000	70.279	16.812
158.311	37846.754	44863.125	30506.928
29.156	26.422	1.021	
12/11/2016 12:00:00 AM	266400.000	70.280	16.816
158.313	37830.363	44839.422	30490.809
29.140	26.434	1.021	
12/11/2016 12:15:00 AM	267300.000	70.280	16.807
158.312	37784.086	44793.289	30459.438
29.106	26.466	1.021	
12/11/2016 12:30:00 AM	268200.000	70.278	16.813
158.307	37810.629	44818.785	30476.773
29.125	26.448	1.021	
12/11/2016 12:45:00 AM	269100.000	70.278	16.807
158.307	37819.730	44836.344	30488.717
29.137	26.441	1.021	
12/11/2016 1:00:00 AM	270000.000	70.281	16.805
158.315	37834.586	44855.828	30501.965
29.151	26.431	1.021	
12/11/2016 1:15:00 AM	270900.000	70.279	16.809
158.311	37857.969	44879.629	30518.150
29.168	26.415	1.021	
12/11/2016 1:30:00 AM	271800.000	70.275	16.816
158.301	37835.344	44845.063	30494.645
29.144	26.430	1.021	
12/11/2016 1:45:00 AM	272700.000	70.277	16.817
158.305	37821.613	44827.891	30482.967
29.131	26.440	1.021	
12/11/2016 2:00:00 AM	273600.000	70.272	16.810
158.295	37813.762	44825.621	30481.422
29.129	26.445	1.021	
12/11/2016 2:15:00 AM	274500.000	70.262	16.805

158.272	37830.262	44850.172	30498.119
29.147	26.434	1.021	
12/11/2016 2:30:00 AM	275400.000	70.269	16.815
158.287	37817.980	44825.813	30481.555
29.130	26.442	1.021	
12/11/2016 2:45:00 AM	276300.000	70.269	16.823
158.287	37800.199	44796.645	30461.719
29.109	26.455	1.021	
12/11/2016 3:00:00 AM	277200.000	70.270	16.815
158.289	37806.480	44812.273	30472.348
29.120	26.450	1.021	
12/11/2016 3:15:00 AM	278100.000	70.272	16.813
158.294	37825.625	44836.750	30488.990
29.137	26.437	1.021	
12/11/2016 3:30:00 AM	279000.000	70.256	16.810
158.258	37827.355	44842.363	30492.807
29.141	26.436	1.021	
12/11/2016 3:45:00 AM	279900.000	70.274	16.812
158.298	37811.676	44821.453	30478.590
29.126	26.447	1.021	
12/11/2016 4:00:00 AM	280800.000	70.260	16.820
158.268	37863.500	44875.047	30515.031
29.166	26.411	1.021	
12/11/2016 4:15:00 AM	281700.000	70.281	16.821
158.316	37830.117	44834.320	30487.340
29.136	26.434	1.021	
12/11/2016 4:30:00 AM	282600.000	70.284	16.815
158.321	37847.730	44860.723	30505.293
29.155	26.422	1.021	
12/11/2016 4:45:00 AM	283500.000	70.283	16.811
158.319	37798.902	44806.852	30468.662
29.116	26.456	1.021	
12/11/2016 5:00:00 AM	284400.000	70.269	16.805
158.288	37810.594	44827.473	30482.684
29.130	26.448	1.021	
12/11/2016 5:15:00 AM	285300.000	70.286	16.814
158.326	37814.898	44823.238	30479.805
29.128	26.445	1.021	
12/11/2016 5:30:00 AM	286200.000	70.291	16.809
158.338	37843.723	44862.844	30506.736
29.156	26.424	1.021	
12/11/2016 5:45:00 AM	287100.000	70.294	16.815
158.344	37845.457	44858.289	30503.637
29.153	26.423	1.021	
12/11/2016 6:00:00 AM	288000.000	70.300	16.813
158.358	37821.523	44832.141	30485.857
29.134	26.440	1.021	
12/11/2016 6:15:00 AM	288900.000	70.305	16.815
158.369	37848.645	44862.508	30506.508
29.156	26.421	1.021	
12/11/2016 6:30:00 AM	289800.000	70.309	16.817
158.377	37838.410	44847.797	30496.504
29.146	26.428	1.021	
12/11/2016 6:45:00 AM	290700.000	70.301	16.810
158.359	37835.477	44851.457	30498.990
29.148	26.430	1.021	

12/11/2016 7:00:00 AM	291600.000	70.307	16.811
158.372	37819.719	44831.621	30485.504
29.134	26.441	1.021	
12/11/2016 7:15:00 AM	292500.000	70.325	16.813
158.414	37819.074	44828.891	30483.648
29.132	26.442	1.021	
12/11/2016 7:30:00 AM	293400.000	70.316	16.809
158.395	37827.645	44843.063	30493.285
29.142	26.436	1.021	
12/11/2016 7:45:00 AM	294300.000	70.337	16.816
158.441	37828.504	44837.031	30489.184
29.138	26.435	1.021	
12/11/2016 8:00:00 AM	295200.000	70.346	16.810
158.462	37846.625	44864.309	30507.732
29.157	26.422	1.021	
12/11/2016 8:15:00 AM	296100.000	70.334	16.806
158.434	37833.227	44852.785	30499.895
29.149	26.432	1.021	
12/11/2016 8:30:00 AM	297000.000	70.353	16.810
158.476	37836.863	44853.457	30500.354
29.149	26.429	1.021	
12/11/2016 8:45:00 AM	297900.000	70.355	16.814
158.482	37848.426	44862.352	30506.398
29.156	26.421	1.021	
12/11/2016 9:00:00 AM	298800.000	70.364	16.815
158.501	37823.266	44832.254	30485.936
29.134	26.439	1.021	
12/11/2016 9:15:00 AM	299700.000	70.366	16.817
158.507	37819.008	44825.344	30481.236
29.129	26.442	1.021	
12/11/2016 9:30:00 AM	300600.000	70.354	16.817
158.479	37831.590	44840.254	30491.375
29.140	26.433	1.021	
12/11/2016 9:45:00 AM	301500.000	70.374	16.813
158.524	37845.484	44860.824	30505.363
29.155	26.423	1.021	
12/11/2016 10:00:00 AM	302400.000	70.376	16.813
158.529	37850.609	44866.008	30508.887
29.159	26.420	1.021	
12/11/2016 10:15:00 AM	303300.000	70.374	16.809
158.525	37819.223	44832.988	30486.434
29.135	26.442	1.021	
12/11/2016 10:30:00 AM	304200.000	70.364	16.818
158.502	37838.918	44847.340	30496.193
29.145	26.428	1.021	
12/11/2016 10:45:00 AM	305100.000	70.379	16.812
158.536	37834.680	44848.813	30497.193
29.146	26.431	1.021	
12/11/2016 11:00:00 AM	306000.000	70.379	16.815
158.535	37844.094	44856.855	30502.662
29.152	26.424	1.021	
12/11/2016 11:15:00 AM	306900.000	70.364	16.810
158.501	37831.871	44847.184	30496.088
29.145	26.433	1.021	
12/11/2016 11:30:00 AM	307800.000	70.376	16.810
158.528	37833.391	44849.516	30497.674

29.147	26.432	1.021	
12/11/2016 11:45:00 AM	308700.000	70.361	16.808
158.495	37830.109	44847.309	30496.172
29.145	26.434	1.021	
12/11/2016 12:00:00 PM	309600.000	70.375	16.809
158.527	37844.285	44862.957	30506.811
29.156	26.424	1.021	
12/11/2016 12:15:00 PM	310500.000	70.355	16.813
158.481	37811.727	44820.453	30477.908
29.126	26.447	1.021	
12/11/2016 12:30:00 PM	311400.000	70.371	16.811
158.516	37824.773	44837.426	30489.451
29.138	26.438	1.021	
12/11/2016 12:45:00 PM	312300.000	70.367	16.808
158.509	37814.480	44828.520	30483.396
29.131	26.445	1.021	
12/11/2016 1:00:00 PM	313200.000	70.360	16.808
158.494	37827.008	44843.910	30493.859
29.142	26.436	1.021	
12/11/2016 1:15:00 PM	314100.000	70.359	16.814
158.490	37860.375	44877.313	30516.572
29.167	26.413	1.021	
12/11/2016 1:30:00 PM	315000.000	70.357	16.812
158.486	37840.055	44855.363	30501.648
29.151	26.427	1.021	
12/11/2016 1:45:00 PM	315900.000	70.347	16.811
158.463	37829.320	44843.715	30493.729
29.142	26.435	1.021	
12/11/2016 2:00:00 PM	316800.000	70.338	16.814
158.444	37844.094	44857.215	30502.906
29.152	26.424	1.021	
12/11/2016 2:15:00 PM	317700.000	70.320	16.814
158.402	37822.496	44832.242	30485.928
29.134	26.439	1.021	
12/11/2016 2:30:00 PM	318600.000	70.313	16.803
158.387	37818.008	44837.602	30489.572
29.138	26.442	1.021	
12/11/2016 2:45:00 PM	319500.000	70.309	16.808
158.379	37849.215	44869.957	30511.572
29.161	26.421	1.021	
12/11/2016 3:00:00 PM	320400.000	70.317	16.808
158.396	37826.445	44842.887	30493.166
29.142	26.437	1.021	
12/11/2016 3:15:00 PM	321300.000	70.311	16.816
158.383	37835.727	44845.965	30495.256
29.144	26.430	1.021	
12/11/2016 3:30:00 PM	322200.000	70.290	16.812
158.335	37818.746	44829.398	30483.994
29.132	26.442	1.021	
12/11/2016 3:45:00 PM	323100.000	70.301	16.805
158.361	37823.816	44842.883	30493.162
29.141	26.438	1.021	
12/11/2016 4:00:00 PM	324000.000	70.282	16.804
158.317	37844.508	44868.043	30510.271
29.160	26.424	1.021	
12/11/2016 4:15:00 PM	324900.000	70.290	16.813

158.335	37838.441	44852.117	30499.441
29.149	26.428	1.021	
12/11/2016 4:30:00 PM	325800.000	70.286	16.818
158.326	37824.555	44830.570	30484.791
29.133	26.438	1.021	
12/11/2016 4:45:00 PM	326700.000	70.264	16.811
158.276	37826.223	44839.766	30491.043
29.140	26.437	1.021	
12/11/2016 5:00:00 PM	327600.000	70.275	16.819
158.302	37859.102	44870.105	30511.674
29.162	26.414	1.021	
12/11/2016 5:15:00 PM	328500.000	70.260	16.813
158.269	37836.328	44849.164	30497.434
29.146	26.430	1.021	
12/11/2016 5:30:00 PM	329400.000	70.277	16.809
158.305	37844.605	44862.988	30506.834
29.156	26.424	1.021	
12/11/2016 5:45:00 PM	330300.000	70.274	16.811
158.298	37856.008	44874.547	30514.691
29.165	26.416	1.021	
12/11/2016 6:00:00 PM	331200.000	70.254	16.811
158.253	37795.652	44803.527	30466.400
29.113	26.458	1.021	
12/11/2016 6:15:00 PM	332100.000	70.254	16.816
158.255	37809.148	44814.539	30473.889
29.122	26.449	1.021	
12/11/2016 6:30:00 PM	333000.000	70.254	16.814
158.255	37839.297	44852.410	30499.639
29.149	26.428	1.021	
12/11/2016 6:45:00 PM	333900.000	70.271	16.809
158.291	37823.980	44838.980	30490.510
29.139	26.438	1.021	
12/11/2016 7:00:00 PM	334800.000	70.266	16.815
158.282	37812.234	44819.094	30476.986
29.125	26.446	1.021	
12/11/2016 7:15:00 PM	335700.000	70.253	16.808
158.252	37822.430	44838.305	30490.047
29.138	26.439	1.021	
12/11/2016 7:30:00 PM	336600.000	70.270	16.815
158.289	37856.484	44871.273	30512.469
29.163	26.416	1.021	
12/11/2016 7:45:00 PM	337500.000	70.273	16.819
158.297	37815.488	44818.418	30476.525
29.125	26.444	1.021	
12/11/2016 8:00:00 PM	338400.000	70.260	16.805
158.268	37816.219	44834.055	30487.160
29.135	26.444	1.021	
12/11/2016 8:15:00 PM	339300.000	70.280	16.817
158.312	37831.086	44839.660	30490.971
29.140	26.433	1.021	
12/11/2016 8:30:00 PM	340200.000	70.278	16.816
158.308	37838.855	44849.227	30497.477
29.147	26.428	1.021	
12/11/2016 8:45:00 PM	341100.000	70.269	16.816
158.287	37833.047	44842.605	30492.973
29.142	26.432	1.021	

12/11/2016 9:00:00 PM	342000.000	70.284	16.818
158.323	37820.543	44826.188	30481.811
29.130	26.441	1.021	
12/11/2016 9:15:00 PM	342900.000	70.288	16.818
158.331	37839.645	44848.457	30496.951
29.146	26.427	1.021	
12/11/2016 9:30:00 PM	343800.000	70.273	16.823
158.298	37835.598	44838.594	30490.246
29.139	26.430	1.021	
12/11/2016 9:45:00 PM	344700.000	70.276	16.817
158.304	37845.457	44855.887	30502.004
29.152	26.423	1.021	
12/11/2016 10:00:00 PM	345600.000	70.296	16.820
158.349	37844.637	44851.793	30499.221
29.149	26.424	1.021	
12/11/2016 10:15:00 PM	346500.000	70.302	16.811
158.363	37843.430	44860.340	30505.033
29.154	26.425	1.021	
12/11/2016 10:30:00 PM	347400.000	70.303	16.804
158.364	37811.664	44829.191	30483.850
29.132	26.447	1.021	
12/11/2016 10:45:00 PM	348300.000	70.303	16.809
158.364	37821.805	44836.586	30488.881
29.137	26.440	1.021	
12/11/2016 11:00:00 PM	349200.000	70.286	16.816
158.327	37819.191	44826.180	30481.805
29.130	26.442	1.021	
12/11/2016 11:15:00 PM	350100.000	70.309	16.809
158.378	37834.996	44851.945	30499.322
29.148	26.431	1.021	
12/11/2016 11:30:00 PM	351000.000	70.292	16.811
158.339	37796.820	44804.477	30467.047
29.114	26.457	1.021	
12/11/2016 11:45:00 PM	351900.000	70.297	16.811
158.351	37836.895	44852.152	30499.467
29.149	26.429	1.021	
12/12/2016 12:00:00 AM	352800.000	70.297	16.819
158.351	37841.508	44849.254	30497.494
29.147	26.426	1.021	
12/12/2016 12:15:00 AM	353700.000	70.313	16.815
158.386	37800.441	44805.297	30467.604
29.115	26.455	1.021	
12/12/2016 12:30:00 AM	354600.000	70.315	16.815
158.391	37819.539	44827.211	30482.506
29.131	26.441	1.021	
12/12/2016 12:45:00 AM	355500.000	70.299	16.815
158.356	37815.242	44822.391	30479.227
29.127	26.444	1.021	
12/12/2016 1:00:00 AM	356400.000	70.313	16.812
158.387	37822.031	44833.820	30487.000
29.135	26.440	1.021	
12/12/2016 1:15:00 AM	357300.000	70.315	16.814
158.390	37841.797	44855.469	30501.721
29.151	26.426	1.021	
12/12/2016 1:30:00 AM	358200.000	70.312	16.816
158.384	37814.168	44820.488	30477.934

29.126	26.445	1.021	
12/12/2016 1:45:00 AM	359100.000	70.315	16.816
158.391	37864.895	44880.438	30518.699
29.169	26.410	1.021	
12/12/2016 2:00:00 AM	360000.000	70.296	16.817
158.348	37819.035	44824.926	30480.951
29.129	26.442	1.021	
12/12/2016 2:15:00 AM	360900.000	70.315	16.806
158.392	37821.363	44838.824	30490.402
29.139	26.440	1.021	
12/12/2016 2:30:00 AM	361800.000	70.298	16.810
158.353	37844.473	44862.121	30506.242
29.156	26.424	1.021	
12/12/2016 2:45:00 AM	362700.000	70.313	16.807
158.386	37831.625	44850.180	30498.125
29.147	26.433	1.021	
12/12/2016 3:00:00 AM	363600.000	70.297	16.805
158.352	37821.160	44839.914	30491.145
29.139	26.440	1.021	
12/12/2016 3:15:00 AM	364500.000	70.299	16.813
158.356	37834.996	44848.035	30496.666
29.146	26.431	1.021	
12/12/2016 3:30:00 AM	365400.000	70.298	16.808
158.353	37841.535	44861.133	30505.572
29.155	26.426	1.021	
12/12/2016 3:45:00 AM	366300.000	70.315	16.809
158.390	37825.879	44841.504	30492.225
29.141	26.437	1.021	
12/12/2016 4:00:00 AM	367200.000	70.298	16.819
158.353	37836.488	44843.559	30493.621
29.143	26.430	1.021	
12/12/2016 4:15:00 AM	368100.000	70.296	16.821
158.349	37858.508	44867.246	30509.729
29.160	26.414	1.021	
12/12/2016 4:30:00 AM	369000.000	70.311	16.813
158.382	37841.230	44855.602	30501.811
29.151	26.426	1.021	
12/12/2016 4:45:00 AM	369900.000	70.317	16.815
158.396	37798.016	44802.496	30465.699
29.113	26.456	1.021	
12/12/2016 5:00:00 AM	370800.000	70.322	16.815
158.407	37848.145	44861.039	30505.508
29.155	26.421	1.021	
12/12/2016 5:15:00 AM	371700.000	70.323	16.806
158.410	37825.930	44844.414	30494.203
29.143	26.437	1.021	
12/12/2016 5:30:00 AM	372600.000	70.326	16.810
158.417	37819.941	44833.305	30486.650
29.135	26.441	1.021	
12/12/2016 5:45:00 AM	373500.000	70.314	16.814
158.390	37798.055	44802.820	30465.920
29.113	26.456	1.021	
12/12/2016 6:00:00 AM	374400.000	70.317	16.806
158.397	37822.789	44840.863	30491.789
29.140	26.439	1.021	
12/12/2016 6:15:00 AM	375300.000	70.337	16.810

158.440	37831.027	44845.816	30495.158
29.144	26.433	1.021	
12/12/2016 6:30:00 AM	376200.000	70.340	16.812
158.448	37838.445	44853.363	30500.287
29.149	26.428	1.021	
12/12/2016 6:45:00 AM	377100.000	70.349	16.814
158.467	37841.406	44854.828	30501.285
29.151	26.426	1.021	
12/12/2016 7:00:00 AM	378000.000	70.351	16.822
158.473	37828.219	44830.738	30484.904
29.134	26.435	1.021	
12/12/2016 7:15:00 AM	378900.000	70.358	16.823
158.488	37829.824	44831.922	30485.709
29.135	26.434	1.021	
12/12/2016 7:30:00 AM	379800.000	70.364	16.825
158.501	37846.531	44849.320	30497.541
29.147	26.423	1.021	
12/12/2016 7:45:00 AM	380700.000	70.352	16.810
158.475	37829.602	44844.492	30494.258
29.143	26.434	1.021	
12/12/2016 8:00:00 AM	381600.000	70.376	16.818
158.528	37862.840	44875.598	30515.408
29.166	26.411	1.021	
12/12/2016 8:15:00 AM	382500.000	70.366	16.815
158.507	37834.879	44846.020	30495.295
29.144	26.431	1.021	
12/12/2016 8:30:00 AM	383400.000	70.375	16.814
158.527	37810.039	44817.648	30476.004
29.124	26.448	1.021	
12/12/2016 8:45:00 AM	384300.000	70.378	16.811
158.533	37831.242	44845.891	30495.207
29.144	26.433	1.021	
12/12/2016 9:00:00 AM	385200.000	70.402	16.804
158.587	37839.738	44862.387	30506.426
29.156	26.427	1.021	
12/12/2016 9:15:00 AM	386100.000	70.393	16.813
158.567	37841.918	44856.063	30502.125
29.151	26.426	1.021	
12/12/2016 9:30:00 AM	387000.000	70.409	16.804
158.603	37845.863	44870.449	30511.908
29.161	26.423	1.021	
12/12/2016 9:45:00 AM	387900.000	70.400	16.805
158.583	37824.871	44844.484	30494.252
29.143	26.438	1.021	
12/12/2016 10:00:00 AM	388800.000	70.421	16.811
158.629	37802.152	44811.059	30471.521
29.119	26.454	1.021	
12/12/2016 10:15:00 AM	389700.000	70.422	16.811
158.632	37823.973	44837.375	30489.418
29.138	26.438	1.021	
12/12/2016 10:30:00 AM	390600.000	70.409	16.813
158.604	37822.031	44832.668	30486.215
29.135	26.440	1.021	
12/12/2016 10:45:00 AM	391500.000	70.427	16.811
158.643	37832.000	44846.266	30495.463
29.144	26.433	1.021	

12/12/2016 11:00:00 AM	392400.000	70.428	16.811
158.647	37813.500	44824.590	30480.723
29.129	26.446	1.021	
12/12/2016 11:15:00 AM	393300.000	70.417	16.810
158.621	37863.375	44884.262	30521.299
29.172	26.411	1.021	
12/12/2016 11:30:00 AM	394200.000	70.433	16.814
158.657	37809.184	44815.910	30474.818
29.123	26.449	1.021	
12/12/2016 11:45:00 AM	395100.000	70.419	16.807
158.627	37835.723	44854.504	30501.064
29.150	26.430	1.021	
12/12/2016 12:00:00 PM	396000.000	70.418	16.804
158.624	37823.375	44842.898	30493.174
29.141	26.439	1.021	
12/12/2016 12:15:00 PM	396900.000	70.415	16.809
158.616	37829.980	44846.180	30495.402
29.144	26.434	1.021	
12/12/2016 12:30:00 PM	397800.000	70.428	16.812
158.646	37835.289	44849.359	30497.566
29.147	26.430	1.021	
12/12/2016 12:45:00 PM	398700.000	70.427	16.809
158.645	37834.281	44850.750	30498.510
29.147	26.431	1.021	
12/12/2016 1:00:00 PM	399600.000	70.430	16.808
158.650	37810.496	44823.711	30480.125
29.128	26.448	1.021	
12/12/2016 1:15:00 PM	400500.000	70.421	16.814
158.630	37844.945	44858.227	30503.596
29.153	26.424	1.021	
12/12/2016 1:30:00 PM	401400.000	70.401	16.818
158.585	37825.156	44831.027	30485.102
29.134	26.437	1.021	
12/12/2016 1:45:00 PM	402300.000	70.395	16.810
158.571	37827.051	44841.105	30491.953
29.140	26.436	1.021	
12/12/2016 2:00:00 PM	403200.000	70.391	16.809
158.563	37813.469	44826.875	30482.277
29.130	26.446	1.021	
12/12/2016 2:15:00 PM	404100.000	70.385	16.816
158.548	37812.969	44819.246	30477.090
29.125	26.446	1.021	
12/12/2016 2:30:00 PM	405000.000	70.393	16.823
158.567	37848.457	44853.836	30500.609
29.150	26.421	1.021	
12/12/2016 2:45:00 PM	405900.000	70.387	16.822
158.555	37844.191	44849.934	30497.957
29.148	26.424	1.021	
12/12/2016 3:00:00 PM	406800.000	70.382	16.815
158.543	37835.762	44846.438	30495.578
29.145	26.430	1.021	
12/12/2016 3:15:00 PM	407700.000	70.359	16.806
158.492	37816.445	44833.078	30486.496
29.134	26.444	1.021	
12/12/2016 3:30:00 PM	408600.000	70.354	16.808
158.480	37816.570	44831.355	30485.322

29.133	26.443	1.021	
12/12/2016 3:45:00 PM	409500.000	70.364	16.807
158.502	37835.129	44854.434	30501.018
29.150	26.430	1.021	
12/12/2016 4:00:00 PM	410400.000	70.349	16.811
158.467	37835.344	44850.484	30498.332
29.147	26.430	1.021	
12/12/2016 4:15:00 PM	411300.000	70.348	16.810
158.466	37826.980	44841.289	30492.076
29.141	26.436	1.021	
12/12/2016 4:30:00 PM	412200.000	70.325	16.819
158.413	37808.074	44809.441	30470.420
29.118	26.449	1.021	
12/12/2016 4:45:00 PM	413100.000	70.338	16.812
158.443	37824.516	44836.418	30488.766
29.137	26.438	1.021	
12/12/2016 5:00:00 PM	414000.000	70.330	16.808
158.425	37837.211	44855.559	30501.781
29.151	26.429	1.021	
12/12/2016 5:15:00 PM	414900.000	70.308	16.818
158.376	37840.180	44848.566	30497.027
29.146	26.427	1.021	
12/12/2016 5:30:00 PM	415800.000	70.317	16.817
158.397	37853.766	44865.820	30508.758
29.159	26.417	1.021	
12/12/2016 5:45:00 PM	416700.000	70.315	16.806
158.391	37838.094	44859.008	30504.125
29.153	26.428	1.021	
12/12/2016 6:00:00 PM	417600.000	70.312	16.817
158.384	37811.699	44816.410	30475.162
29.123	26.447	1.021	
12/12/2016 6:15:00 PM	418500.000	70.297	16.810
158.351	37842.457	44859.898	30504.732
29.154	26.425	1.021	
12/12/2016 6:30:00 PM	419400.000	70.305	16.822
158.369	37834.500	44838.527	30490.199
29.139	26.431	1.021	
12/12/2016 6:45:00 PM	420300.000	70.289	16.809
158.332	37793.695	44803.078	30466.096
29.113	26.459	1.021	
12/12/2016 7:00:00 PM	421200.000	70.301	16.811
158.359	37828.715	44842.895	30493.170
29.142	26.435	1.021	
12/12/2016 7:15:00 PM	422100.000	70.297	16.814
158.352	37821.355	44830.441	30484.703
29.133	26.440	1.021	
12/12/2016 7:30:00 PM	423000.000	70.285	16.817
158.324	37836.203	44845.809	30495.152
29.144	26.430	1.021	
12/12/2016 7:45:00 PM	423900.000	70.300	16.833
158.357	37857.938	44854.820	30501.277
29.152	26.415	1.021	
12/12/2016 8:00:00 PM	424800.000	70.297	16.812
158.350	37811.539	44820.855	30478.184
29.126	26.447	1.021	
12/12/2016 8:15:00 PM	425700.000	70.299	16.814

158.355	37810.164	44817.699	30476.035
29.124	26.448	1.021	
12/12/2016 8:30:00 PM	426600.000	70.302	16.819
158.363	37826.414	44831.535	30485.445
29.134	26.437	1.021	
12/12/2016 8:45:00 PM	427500.000	70.304	16.828
158.368	37833.898	44831.414	30485.363
29.134	26.431	1.021	
12/12/2016 9:00:00 PM	428400.000	70.293	16.814
158.341	37842.711	44855.754	30501.912
29.151	26.425	1.021	
12/12/2016 9:15:00 PM	429300.000	70.311	16.819
158.383	37818.805	44822.781	30479.494
29.128	26.442	1.021	
12/12/2016 9:30:00 PM	430200.000	70.296	16.808
158.348	37843.492	44863.453	30507.150
29.156	26.425	1.021	
12/12/2016 9:45:00 PM	431100.000	70.302	16.807
158.362	37799.641	44812.527	30472.521
29.120	26.455	1.021	
12/12/2016 10:00:00 PM	432000.000	70.305	16.808
158.368	37816.543	44830.793	30484.941
29.133	26.443	1.021	
12/12/2016 10:15:00 PM	432900.000	70.321	16.816
158.405	37812.906	44818.367	30476.492
29.124	26.446	1.021	
12/12/2016 10:30:00 PM	433800.000	70.324	16.811
158.412	37812.875	44823.594	30480.047
29.128	26.446	1.021	
12/12/2016 10:45:00 PM	434700.000	70.329	16.812
158.423	37816.375	44826.590	30482.084
29.130	26.444	1.021	
12/12/2016 11:00:00 PM	435600.000	70.329	16.812
158.423	37824.086	44835.629	30488.230
29.137	26.438	1.021	
12/12/2016 11:15:00 PM	436500.000	70.337	16.812
158.440	37829.695	44842.633	30492.992
29.142	26.434	1.021	
12/12/2016 11:30:00 PM	437400.000	70.325	16.815
158.414	37831.840	44841.961	30492.535
29.141	26.433	1.021	
12/12/2016 11:45:00 PM	438300.000	70.322	16.811
158.407	37830.645	44844.742	30494.426
29.143	26.434	1.021	
12/13/2016 12:00:00 AM	439200.000	70.325	16.810
158.414	37832.066	44847.855	30496.543
29.145	26.433	1.021	
12/13/2016 12:15:00 AM	440100.000	70.342	16.809
158.453	37832.625	44849.043	30497.352
29.146	26.432	1.021	
12/13/2016 12:30:00 AM	441000.000	70.330	16.811
158.426	37837.340	44853.121	30500.123
29.149	26.429	1.021	
12/13/2016 12:45:00 AM	441900.000	70.333	16.802
158.432	37832.355	44856.398	30502.354
29.151	26.432	1.021	

12/13/2016 1:00:00 AM	442800.000	70.350	16.804
158.471	37818.074	44836.613	30488.896
29.137	26.442	1.021	
12/13/2016 1:15:00 AM	443700.000	70.350	16.814
158.471	37845.016	44859.285	30504.316
29.154	26.424	1.021	
12/13/2016 1:30:00 AM	444600.000	70.349	16.819
158.467	37842.551	44851.195	30498.814
29.148	26.425	1.021	
12/13/2016 1:45:00 AM	445500.000	70.333	16.809
158.432	37824.395	44839.027	30490.541
29.139	26.438	1.021	
12/13/2016 2:00:00 AM	446400.000	70.353	16.816
158.476	37842.711	44854.145	30500.820
29.150	26.425	1.021	
12/13/2016 2:15:00 AM	447300.000	70.351	16.810
158.472	37844.699	44862.652	30506.605
29.156	26.424	1.021	
12/13/2016 2:30:00 AM	448200.000	70.337	16.817
158.441	37839.770	44849.055	30497.357
29.147	26.427	1.021	
12/13/2016 2:45:00 AM	449100.000	70.333	16.815
158.431	37822.641	44830.980	30485.066
29.133	26.439	1.021	
12/13/2016 3:00:00 AM	450000.000	70.351	16.814
158.472	37818.211	44827.336	30482.590
29.131	26.442	1.021	
12/13/2016 3:15:00 AM	450900.000	70.352	16.803
158.475	37803.492	44821.199	30478.418
29.126	26.453	1.021	
12/13/2016 3:30:00 AM	451800.000	70.356	16.813
158.483	37846.402	44861.379	30505.738
29.155	26.423	1.021	
12/13/2016 3:45:00 AM	452700.000	70.350	16.804
158.471	37822.965	44843.207	30493.381
29.142	26.439	1.021	
12/13/2016 4:00:00 AM	453600.000	70.353	16.807
158.476	37833.863	44852.563	30499.744
29.149	26.431	1.021	
12/13/2016 4:15:00 AM	454500.000	70.350	16.806
158.471	37830.445	44849.590	30497.723
29.146	26.434	1.021	
12/13/2016 4:30:00 AM	455400.000	70.352	16.815
158.474	37833.324	44843.723	30493.734
29.143	26.432	1.021	
12/13/2016 4:45:00 AM	456300.000	70.353	16.822
158.477	37834.504	44838.715	30490.328
29.139	26.431	1.021	
12/13/2016 5:00:00 AM	457200.000	70.357	16.808
158.486	37827.270	44844.223	30494.074
29.143	26.436	1.021	
12/13/2016 5:15:00 AM	458100.000	70.340	16.811
158.448	37838.602	44853.914	30500.664
29.150	26.428	1.021	
12/13/2016 5:30:00 AM	459000.000	70.361	16.817
158.495	37823.816	44830.324	30484.623

29.133	26.438	1.021	
12/13/2016 5:45:00 AM	459900.000	70.363	16.820
158.500	37827.656	44832.465	30486.078
29.135	26.436	1.021	
12/13/2016 6:00:00 AM	460800.000	70.353	16.812
158.477	37821.336	44832.902	30486.373
29.135	26.440	1.021	
12/13/2016 6:15:00 AM	461700.000	70.353	16.804
158.476	37836.297	44858.215	30503.588
29.153	26.430	1.021	
12/13/2016 6:30:00 AM	462600.000	70.370	16.817
158.515	37854.906	44867.352	30509.801
29.160	26.417	1.021	
12/13/2016 6:45:00 AM	463500.000	70.372	16.808
158.520	37841.672	44860.668	30505.254
29.154	26.426	1.021	
12/13/2016 7:00:00 AM	464400.000	70.376	16.814
158.529	37837.508	44849.934	30497.957
29.147	26.429	1.021	
12/13/2016 7:15:00 AM	465300.000	70.364	16.816
158.502	37853.641	44866.570	30509.270
29.159	26.418	1.021	
12/13/2016 7:30:00 AM	466200.000	70.387	16.806
158.553	37832.289	44851.598	30499.088
29.148	26.432	1.021	
12/13/2016 7:45:00 AM	467100.000	70.389	16.812
158.558	37815.043	44824.824	30480.883
29.129	26.445	1.021	
12/13/2016 8:00:00 AM	468000.000	70.391	16.817
158.563	37826.141	44832.992	30486.438
29.135	26.437	1.021	
12/13/2016 8:15:00 AM	468900.000	70.385	16.814
158.548	37825.598	44835.816	30488.357
29.137	26.437	1.021	
12/13/2016 8:30:00 AM	469800.000	70.393	16.808
158.567	37849.758	44870.965	30512.256
29.162	26.420	1.021	
12/13/2016 8:45:00 AM	470700.000	70.401	16.804
158.585	37864.359	44891.762	30526.400
29.177	26.410	1.021	
12/13/2016 9:00:00 AM	471600.000	70.422	16.809
158.632	37823.066	44838.355	30490.084
29.138	26.439	1.021	
12/13/2016 9:15:00 AM	472500.000	70.423	16.814
158.635	37836.461	44848.617	30497.063
29.146	26.430	1.021	
12/13/2016 9:30:00 AM	473400.000	70.433	16.811
158.658	37827.547	44841.613	30492.299
29.141	26.436	1.021	
12/13/2016 9:45:00 AM	474300.000	70.419	16.808
158.625	37812.648	44826.973	30482.344
29.130	26.446	1.021	
12/13/2016 10:00:00 AM	475200.000	70.427	16.809
158.643	37837.406	44854.711	30501.205
29.150	26.429	1.021	
12/13/2016 10:15:00 AM	476100.000	70.445	16.809

158.684	37827.641	44843.320	30493.459
29.142	26.436	1.021	
12/13/2016 10:30:00 AM	477000.000	70.437	16.809
158.666	37847.633	44867.203	30509.701
29.159	26.422	1.021	
12/13/2016 10:45:00 AM	477900.000	70.462	16.809
158.722	37820.289	44835.063	30487.844
29.136	26.441	1.021	
12/13/2016 11:00:00 AM	478800.000	70.449	16.804
158.693	37817.602	44836.324	30488.703
29.137	26.443	1.021	
12/13/2016 11:15:00 AM	479700.000	70.465	16.808
158.730	37789.637	44799.609	30463.736
29.110	26.462	1.021	
12/13/2016 11:30:00 AM	480600.000	70.450	16.804
158.696	37812.008	44829.418	30484.006
29.132	26.447	1.021	
12/13/2016 11:45:00 AM	481500.000	70.470	16.806
158.742	37848.805	44871.531	30512.643
29.162	26.421	1.021	
12/13/2016 12:00:00 PM	482400.000	70.473	16.803
158.747	37823.410	44844.109	30493.996
29.142	26.439	1.021	
12/13/2016 12:15:00 PM	483300.000	70.473	16.812
158.748	37822.629	44834.004	30487.125
29.135	26.439	1.021	
12/13/2016 12:30:00 PM	484200.000	70.473	16.805
158.746	37837.969	44859.137	30504.215
29.153	26.428	1.021	
12/13/2016 12:45:00 PM	485100.000	70.454	16.804
158.704	37806.137	44822.824	30479.523
29.127	26.451	1.021	
12/13/2016 1:00:00 PM	486000.000	70.458	16.808
158.713	37825.090	44841.723	30492.373
29.141	26.437	1.021	
12/13/2016 1:15:00 PM	486900.000	70.465	16.815
158.730	37830.277	44840.387	30491.465
29.140	26.434	1.021	
12/13/2016 1:30:00 PM	487800.000	70.464	16.811
158.727	37840.527	44856.898	30502.693
29.152	26.427	1.021	
12/13/2016 1:45:00 PM	488700.000	70.446	16.806
158.687	37822.535	44840.297	30491.404
29.140	26.439	1.021	
12/13/2016 2:00:00 PM	489600.000	70.456	16.809
158.709	37815.504	44829.117	30483.803
29.132	26.444	1.021	
12/13/2016 2:15:00 PM	490500.000	70.446	16.811
158.687	37833.617	44848.707	30497.121
29.146	26.432	1.021	
12/13/2016 2:30:00 PM	491400.000	70.430	16.801
158.650	37830.105	44854.438	30501.018
29.150	26.434	1.021	
12/13/2016 2:45:00 PM	492300.000	70.421	16.803
158.629	37809.563	44827.590	30482.764
29.130	26.448	1.021	

12/13/2016 3:00:00 PM	493200.000	70.432	16.812
158.654	37829.262	44842.301	30492.768
29.141	26.435	1.021	
12/13/2016 3:15:00 PM	494100.000	70.412	16.809
158.611	37812.906	44825.590	30481.404
29.129	26.446	1.021	
12/13/2016 3:30:00 PM	495000.000	70.403	16.806
158.589	37848.832	44871.023	30512.299
29.162	26.421	1.021	
12/13/2016 3:45:00 PM	495900.000	70.394	16.804
158.569	37806.500	44822.980	30479.627
29.127	26.450	1.021	
12/13/2016 4:00:00 PM	496800.000	70.387	16.814
158.554	37844.727	44858.043	30503.469
29.153	26.424	1.021	
12/13/2016 4:15:00 PM	497700.000	70.397	16.812
158.577	37827.270	44840.113	30491.279
29.140	26.436	1.021	
12/13/2016 4:30:00 PM	498600.000	70.388	16.807
158.556	37837.844	44856.926	30502.711
29.152	26.429	1.021	
12/13/2016 4:45:00 PM	499500.000	70.361	16.818
158.495	37838.918	44847.695	30496.436
29.146	26.428	1.021	
12/13/2016 5:00:00 PM	500400.000	70.358	16.817
158.489	37824.492	44831.207	30485.223
29.134	26.438	1.021	
12/13/2016 5:15:00 PM	501300.000	70.363	16.825
158.499	37822.348	44820.563	30477.984
29.126	26.439	1.021	
12/13/2016 5:30:00 PM	502200.000	70.343	16.813
158.454	37823.613	44834.898	30487.732
29.136	26.439	1.021	
12/13/2016 5:45:00 PM	503100.000	70.334	16.806
158.434	37857.652	44881.480	30519.408
29.169	26.415	1.021	
12/13/2016 6:00:00 PM	504000.000	70.329	16.820
158.424	37834.027	44839.488	30490.852
29.140	26.431	1.021	
12/13/2016 6:15:00 PM	504900.000	70.338	16.819
158.442	37855.375	44866.215	30509.029
29.159	26.416	1.021	
12/13/2016 6:30:00 PM	505800.000	70.335	16.814
158.437	37844.824	44858.430	30503.734
29.153	26.424	1.021	
12/13/2016 6:45:00 PM	506700.000	70.314	16.814
158.389	37841.703	44855.359	30501.646
29.151	26.426	1.021	
12/13/2016 7:00:00 PM	507600.000	70.306	16.807
158.370	37825.590	44843.023	30493.258
29.142	26.437	1.021	
12/13/2016 7:15:00 PM	508500.000	70.318	16.820
158.398	37830.805	44836.195	30488.615
29.137	26.433	1.021	
12/13/2016 7:30:00 PM	509400.000	70.304	16.817
158.367	37817.082	44822.609	30479.375

29.128	26.443	1.021	
12/13/2016 7:45:00 PM	510300.000	70.305	16.812
158.369	37842.613	44858.219	30503.592
29.153	26.425	1.021	
12/13/2016 8:00:00 PM	511200.000	70.317	16.814
158.396	37846.559	44860.313	30505.014
29.155	26.422	1.021	
12/13/2016 8:15:00 PM	512100.000	70.302	16.811
158.361	37813.605	44824.715	30480.809
29.129	26.446	1.021	
12/13/2016 8:30:00 PM	513000.000	70.299	16.816
158.356	37822.938	44830.621	30484.822
29.133	26.439	1.021	
12/13/2016 8:45:00 PM	513900.000	70.317	16.813
158.397	37831.246	44843.055	30493.279
29.142	26.433	1.021	
12/13/2016 9:00:00 PM	514800.000	70.316	16.812
158.394	37844.258	44860.168	30504.916
29.154	26.424	1.021	
12/13/2016 9:15:00 PM	515700.000	70.321	16.811
158.405	37828.367	44842.215	30492.709
29.141	26.435	1.021	
12/13/2016 9:30:00 PM	516600.000	70.302	16.801
158.361	37828.328	44851.969	30499.342
29.148	26.435	1.021	
12/13/2016 9:45:00 PM	517500.000	70.305	16.808
158.369	37849.156	44869.719	30511.410
29.161	26.421	1.021	
12/13/2016 10:00:00 PM	518400.000	70.311	16.811
158.383	37840.848	44856.480	30502.406
29.152	26.426	1.021	
12/13/2016 10:15:00 PM	519300.000	70.311	16.811
158.382	37829.980	44843.871	30493.834
29.143	26.434	1.021	
12/13/2016 10:30:00 PM	520200.000	70.332	16.815
158.430	37824.145	44832.766	30486.283
29.135	26.438	1.021	
12/13/2016 10:45:00 PM	521100.000	70.316	16.815
158.395	37863.152	44878.906	30517.658
29.168	26.411	1.021	
12/13/2016 11:00:00 PM	522000.000	70.339	16.806
158.445	37811.801	44827.121	30482.445
29.130	26.447	1.021	
12/13/2016 11:15:00 PM	522900.000	70.344	16.820
158.456	37831.410	44836.648	30488.924
29.138	26.433	1.021	
12/13/2016 11:30:00 PM	523800.000	70.346	16.816
158.462	37834.559	44844.578	30494.314
29.143	26.431	1.021	
12/13/2016 11:45:00 PM	524700.000	70.353	16.812
158.477	37826.289	44838.520	30490.193
29.139	26.437	1.021	
12/14/2016 12:00:00 AM	525600.000	70.352	16.816
158.474	37833.359	44843.238	30493.404
29.142	26.432	1.021	
12/14/2016 12:15:00 AM	526500.000	70.354	16.817

158.478	37830.332	44838.402	30490.113
29.139	26.434	1.021	
12/14/2016 12:30:00 AM	527400.000	70.361	16.817
158.495	37826.227	44833.355	30486.684
29.135	26.437	1.021	
12/14/2016 12:45:00 AM	528300.000	70.360	16.810
158.493	37826.793	44841.695	30492.355
29.141	26.436	1.021	
12/14/2016 1:00:00 AM	529200.000	70.366	16.812
158.507	37847.098	44862.906	30506.779
29.156	26.422	1.021	
12/14/2016 1:15:00 AM	530100.000	70.367	16.807
158.508	37828.332	44846.543	30495.650
29.144	26.435	1.021	
12/14/2016 1:30:00 AM	531000.000	70.350	16.806
158.471	37828.340	44847.094	30496.025
29.145	26.435	1.021	
12/14/2016 1:45:00 AM	531900.000	70.359	16.814
158.490	37848.934	44863.930	30507.475
29.157	26.421	1.021	
12/14/2016 2:00:00 AM	532800.000	70.371	16.808
158.518	37842.234	44861.512	30505.828
29.155	26.426	1.021	
12/14/2016 2:15:00 AM	533700.000	70.375	16.809
158.527	37848.934	44868.469	30510.561
29.160	26.421	1.021	
12/14/2016 2:30:00 AM	534600.000	70.357	16.810
158.487	37824.742	44838.813	30490.395
29.139	26.438	1.021	
12/14/2016 2:45:00 AM	535500.000	70.359	16.814
158.492	37824.809	44834.434	30487.418
29.136	26.438	1.021	
12/14/2016 3:00:00 AM	536400.000	70.360	16.811
158.493	37851.301	44869.770	30511.443
29.161	26.419	1.021	
12/14/2016 3:15:00 AM	537300.000	70.364	16.813
158.501	37837.246	44850.430	30498.295
29.147	26.429	1.021	
12/14/2016 3:30:00 AM	538200.000	70.377	16.817
158.532	37836.168	44845.590	30495.002
29.144	26.430	1.021	
12/14/2016 3:45:00 AM	539100.000	70.363	16.807
158.498	37830.453	44849.059	30497.359
29.146	26.434	1.021	
12/14/2016 4:00:00 AM	540000.000	70.375	16.805
158.527	37830.047	44850.195	30498.135
29.147	26.434	1.021	
12/14/2016 4:15:00 AM	540900.000	70.364	16.804
158.501	37825.125	44845.594	30495.004
29.143	26.437	1.021	
12/14/2016 4:30:00 AM	541800.000	70.364	16.804
158.501	37824.559	44844.391	30494.186
29.143	26.438	1.021	
12/14/2016 4:45:00 AM	542700.000	70.385	16.811
158.549	37853.008	44871.344	30512.516
29.162	26.418	1.021	

12/14/2016 5:00:00 AM	543600.000	70.385	16.807
158.550	37849.531	44871.242	30512.447
29.162	26.420	1.021	
12/14/2016 5:15:00 AM	544500.000	70.382	16.814
158.543	37824.648	44834.691	30487.590
29.136	26.438	1.021	
12/14/2016 5:30:00 AM	545400.000	70.350	16.808
158.471	37848.902	44869.867	30511.512
29.161	26.421	1.021	
12/14/2016 5:45:00 AM	546300.000	70.365	16.808
158.504	37823.918	44839.969	30491.180
29.140	26.438	1.021	
12/14/2016 6:00:00 AM	547200.000	70.383	16.815
158.545	37842.684	44854.918	30501.344
29.151	26.425	1.021	
12/14/2016 6:15:00 AM	548100.000	70.373	16.811
158.521	37828.688	44842.422	30492.850
29.141	26.435	1.021	
12/14/2016 6:30:00 AM	549000.000	70.373	16.814
158.522	37863.629	44880.371	30518.654
29.169	26.411	1.021	
12/14/2016 6:45:00 AM	549900.000	70.387	16.812
158.553	37818.039	44828.375	30483.295
29.131	26.442	1.021	
12/14/2016 7:00:00 AM	550800.000	70.378	16.819
158.534	37861.387	44872.629	30513.389
29.164	26.412	1.021	
12/14/2016 7:15:00 AM	551700.000	70.397	16.821
158.575	37821.379	44823.617	30480.063
29.128	26.440	1.021	
12/14/2016 7:30:00 AM	552600.000	70.383	16.811
158.544	37830.598	44845.047	30494.635
29.143	26.434	1.021	
12/14/2016 7:45:00 AM	553500.000	70.404	16.815
158.593	37852.090	44866.242	30509.047
29.159	26.419	1.021	
12/14/2016 8:00:00 AM	554400.000	70.407	16.807
158.600	37833.617	44852.094	30499.426
29.148	26.432	1.021	
12/14/2016 8:15:00 AM	555300.000	70.417	16.805
158.622	37813.402	44830.801	30484.947
29.133	26.446	1.021	
12/14/2016 8:30:00 AM	556200.000	70.420	16.806
158.627	37814.035	44829.957	30484.373
29.132	26.445	1.021	
12/14/2016 8:45:00 AM	557100.000	70.424	16.805
158.637	37800.977	44815.355	30474.443
29.122	26.454	1.021	
12/14/2016 9:00:00 AM	558000.000	70.433	16.806
158.656	37854.086	44877.254	30516.535
29.166	26.417	1.021	
12/14/2016 9:15:00 AM	558900.000	70.433	16.813
158.656	37821.465	44831.910	30485.701
29.134	26.440	1.021	
12/14/2016 9:30:00 AM	559800.000	70.424	16.817
158.637	37847.730	44859.199	30504.258

29.154	26.422	1.021	
12/14/2016 9:45:00 AM	560700.000	70.430	16.813
158.650	37810.891	44819.375	30477.176
29.125	26.447	1.021	
12/14/2016 10:00:00 AM	561600.000	70.437	16.811
158.666	37821.781	44834.238	30487.283
29.136	26.440	1.021	
12/14/2016 10:15:00 AM	562500.000	70.458	16.816
158.714	37831.148	44840.355	30491.443
29.140	26.433	1.021	
12/14/2016 10:30:00 AM	563400.000	70.464	16.811
158.728	37834.406	44849.203	30497.461
29.146	26.431	1.021	
12/14/2016 10:45:00 AM	564300.000	70.469	16.810
158.739	37819.316	44832.656	30486.207
29.134	26.442	1.021	
12/14/2016 11:00:00 AM	565200.000	70.475	16.806
158.752	37828.004	44847.223	30496.113
29.145	26.435	1.021	
12/14/2016 11:15:00 AM	566100.000	70.476	16.819
158.755	37858.035	44869.547	30511.295
29.161	26.414	1.021	
12/14/2016 11:30:00 AM	567000.000	70.469	16.815
158.738	37845.836	44859.008	30504.125
29.154	26.423	1.021	
12/14/2016 11:45:00 AM	567900.000	70.469	16.810
158.738	37856.961	44876.926	30516.313
29.166	26.415	1.021	
12/14/2016 12:00:00 PM	568800.000	70.475	16.816
158.751	37837.906	44848.805	30497.189
29.146	26.429	1.021	
12/14/2016 12:15:00 PM	569700.000	70.492	16.811
158.789	37833.484	44848.551	30497.018
29.146	26.432	1.021	
12/14/2016 12:30:00 PM	570600.000	70.496	16.807
158.799	37836.738	44856.344	30502.316
29.151	26.429	1.021	
12/14/2016 12:45:00 PM	571500.000	70.486	16.807
158.777	37819.121	44835.000	30487.803
29.136	26.442	1.021	
12/14/2016 1:00:00 PM	572400.000	70.482	16.808
158.767	37817.934	44832.348	30485.998
29.134	26.442	1.021	
12/14/2016 1:15:00 PM	573300.000	70.499	16.802
158.805	37823.570	44845.535	30494.967
29.143	26.439	1.021	
12/14/2016 1:30:00 PM	574200.000	70.483	16.808
158.770	37822.277	44837.590	30489.561
29.138	26.439	1.021	
12/14/2016 1:45:00 PM	575100.000	70.501	16.804
158.810	37848.996	44873.363	30513.887
29.163	26.421	1.021	
12/14/2016 2:00:00 PM	576000.000	70.488	16.822
158.782	37819.961	44820.504	30477.945
29.126	26.441	1.021	
12/14/2016 2:15:00 PM	576900.000	70.476	16.804

158.755	37812.434	44830.645	30484.838
29.133	26.446	1.021	
12/14/2016 2:30:00 PM	577800.000	70.471	16.808
158.743	37876.336	44901.676	30533.143
29.184	26.402	1.021	
12/14/2016 2:45:00 PM	578700.000	70.469	16.806
158.739	37814.512	44830.699	30484.877
29.133	26.445	1.021	
12/14/2016 3:00:00 PM	579600.000	70.462	16.810
158.723	37811.930	44823.543	30480.012
29.128	26.447	1.021	
12/14/2016 3:15:00 PM	580500.000	70.468	16.813
158.737	37838.410	44851.547	30499.055
29.148	26.428	1.021	
12/14/2016 3:30:00 PM	581400.000	70.466	16.812
158.731	37815.441	44826.008	30481.688
29.130	26.444	1.021	
12/14/2016 3:45:00 PM	582300.000	70.459	16.801
158.716	37830.195	44854.105	30500.795
29.149	26.434	1.021	
12/14/2016 4:00:00 PM	583200.000	70.453	16.804
158.703	37827.164	44848.188	30496.770
29.145	26.436	1.021	
12/14/2016 4:15:00 PM	584100.000	70.445	16.813
158.684	37844.547	44858.992	30504.115
29.154	26.424	1.021	
12/14/2016 4:30:00 PM	585000.000	70.436	16.809
158.663	37850.355	44870.152	30511.705
29.161	26.420	1.021	
12/14/2016 4:45:00 PM	585900.000	70.413	16.808
158.612	37829.852	44846.473	30495.604
29.144	26.434	1.021	
12/14/2016 5:00:00 PM	586800.000	70.422	16.810
158.632	37831.469	44846.789	30495.816
29.145	26.433	1.021	
12/14/2016 5:15:00 PM	587700.000	70.414	16.811
158.614	37825.273	44838.641	30490.275
29.139	26.437	1.021	
12/14/2016 5:30:00 PM	588600.000	70.407	16.816
158.599	37828.469	44837.359	30489.406
29.138	26.435	1.021	
12/14/2016 5:45:00 PM	589500.000	70.380	16.811
158.539	37829.816	44844.305	30494.129
29.143	26.434	1.021	
12/14/2016 6:00:00 PM	590400.000	70.388	16.805
158.556	37823.199	44841.797	30492.424
29.141	26.439	1.021	
12/14/2016 6:15:00 PM	591300.000	70.381	16.813
158.541	37838.762	44852.133	30499.453
29.149	26.428	1.021	
12/14/2016 6:30:00 PM	592200.000	70.359	16.823
158.492	37859.578	44866.832	30509.447
29.160	26.413	1.021	
12/14/2016 6:45:00 PM	593100.000	70.355	16.812
158.481	37807.762	44816.379	30475.139
29.123	26.450	1.021	

12/14/2016 7:00:00 PM	594000.000	70.362	16.808
158.497	37845.648	44865.383	30508.463
29.158	26.423	1.021	
12/14/2016 7:15:00 PM	594900.000	70.354	16.812
158.478	37837.059	44851.184	30498.807
29.148	26.429	1.021	
12/14/2016 7:30:00 PM	595800.000	70.353	16.817
158.476	37843.781	44853.902	30500.656
29.150	26.424	1.021	
12/14/2016 7:45:00 PM	596700.000	70.333	16.812
158.433	37831.086	44844.555	30494.299
29.143	26.433	1.021	
12/14/2016 8:00:00 PM	597600.000	70.333	16.805
158.432	37831.996	44852.930	30499.994
29.149	26.433	1.021	
12/14/2016 8:15:00 PM	598500.000	70.345	16.812
158.460	37836.676	44850.906	30498.619
29.148	26.429	1.021	
12/14/2016 8:30:00 PM	599400.000	70.325	16.817
158.414	37830.207	44838.703	30490.320
29.139	26.434	1.021	
12/14/2016 8:45:00 PM	600300.000	70.321	16.814
158.404	37848.836	44863.016	30506.854
29.157	26.421	1.021	
12/14/2016 9:00:00 PM	601200.000	70.341	16.818
158.451	37833.551	44841.605	30492.295
29.141	26.432	1.021	
12/14/2016 9:15:00 PM	602100.000	70.326	16.812
158.416	37830.445	44843.168	30493.357
29.142	26.434	1.021	
12/14/2016 9:30:00 PM	603000.000	70.339	16.821
158.445	37828.160	44831.910	30485.701
29.134	26.435	1.021	
12/14/2016 9:45:00 PM	603900.000	70.341	16.816
158.449	37859.871	44874.313	30514.533
29.165	26.413	1.021	
12/14/2016 10:00:00 PM	604800.000	70.340	16.827
158.448	37848.863	44849.770	30497.844
29.148	26.421	1.021	
12/14/2016 10:15:00 PM	605700.000	70.341	16.822
158.451	37862.043	44871.090	30512.342
29.163	26.412	1.021	
12/14/2016 10:30:00 PM	606600.000	70.344	16.813
158.457	37857.113	44874.504	30514.664
29.165	26.415	1.021	
12/14/2016 10:45:00 PM	607500.000	70.349	16.814
158.468	37840.336	44852.836	30499.932
29.149	26.427	1.021	
12/14/2016 11:00:00 PM	608400.000	70.351	16.814
158.472	37829.410	44840.074	30491.252
29.140	26.434	1.021	
12/14/2016 11:15:00 PM	609300.000	70.354	16.817
158.479	37843.789	44854.715	30501.209
29.151	26.424	1.021	
12/14/2016 11:30:00 PM	610200.000	70.357	16.820
158.485	37846.656	44854.543	30501.092

29.151	26.422	1.021	
12/14/2016 11:45:00 PM	611100.000	70.359	16.818
158.491	37843.375	44852.980	30500.029
29.149	26.425	1.021	

Report Date: 12/19/2016 10:30:19 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP MW-9S LT Test_2016-12-15_15-07-34-551-BaroMerge.wsl
Create Date: 12/19/2016 10:15:33 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/17/2016 12:56:59 PM	Used Battery: 9% Used Memory: 7% User Name: SKuiper
8/18/2016 3:22:43 PM	Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval - Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM
8/25/2016 11:48:32 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 12:45:00 PM
9/1/2016 3:53:04 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: skuiper Interval - Start Time: 7/31/2016 1:30:00 PM Stop Time: 9/1/2016 3:45:00 PM
9/8/2016 6:09:52 PM	Log Download - Used Battery: 10% Used Memory: 9% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 6:00:00 PM
9/15/2016 2:41:57 PM	Log Download - Used Battery: 10% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 3:30:00 PM
9/22/2016 12:10:44 PM	Log Download - Used Battery: 11% Used Memory: 10% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 1:00:00 PM
10/1/2016 10:48:16 AM	Log Download - Used Battery: 11% Used Memory: 12% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/1/2016 11:45:00 AM
10/7/2016 4:48:35 PM	Log Download - Used Battery: 11% Used Memory: 12% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 4:45:00 PM
10/13/2016 4:12:06 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 4:00:00 PM
10/20/2016 4:33:55 PM	Log Download - Used Battery: 12% Used Memory: 14% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 4:30:00 PM
10/27/2016 5:01:53 PM	Log Download - Used Battery: 12% Used Memory: 15% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 4:45:00 PM
11/3/2016 4:11:56 PM	Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 4:00:00 PM
11/11/2016 8:07:25 AM	Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 8:00:00 AM
11/17/2016 3:24:12 PM	Log Download - Used Battery: 14% Used Memory: 17% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 4:15:00 PM
11/24/2016 12:16:25 PM	Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 1:00:00 PM
12/2/2016 7:39:28 AM	Log Download - Used Battery: 14% Used Memory: 18% User Name: SKuiper Interval - Start Time: 10/31/2016 10:00:00 PM Stop Time: 12/2/2016 7:30:00 AM
12/9/2016 9:15:06 AM	Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 9:00:00 AM
12/15/2016 3:06:49 PM	Log Download - Used Battery: 15% Used Memory: 20% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 3:00:00 PM
12/19/2016 10:15:33 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 740
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: PCTD(A) 197.3ft SN#: 427634	Sensor: Baro-Adj Calc SN#: 000000
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Corrected Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)	
12/8/2016 12:00:00 AM	7200.000	26.037	16.911	59.346	4249.888	5026.483	2.724	3.418	235.300	1.001	14.776	
12/8/2016 12:15:00 AM	8100.000	26.031	16.911	59.332	4249.683	5026.260	2.724	3.418	235.312	1.001	14.783	
12/8/2016 12:30:00 AM	9000.000	26.024	16.911	59.316	4250.097	5026.770	2.724	3.418	235.289	1.001	14.783	
12/8/2016 12:45:00 AM	9900.000	26.034	16.910	59.339	4249.209	5025.761	2.723	3.418	235.338	1.001	14.771	
12/8/2016 1:00:00 AM	10800.000	26.027	16.911	59.323	4249.706	5026.248	2.724	3.418	235.310	1.001	14.774	
12/8/2016 1:15:00 AM	11700.000	26.033	16.911	59.338	4250.779	5027.567	2.724	3.419	235.251	1.001	14.774	
12/8/2016 1:30:00 AM	12600.000	26.034	16.910	59.341	4250.139	5026.840	2.724	3.418	235.286	1.001	14.771	
12/8/2016 1:45:00 AM	13500.000	26.036	16.911	59.344	4250.646	5027.350	2.724	3.419	235.258	1.001	14.769	
12/8/2016 2:00:00 AM	14400.000	26.032	16.911	59.335	4249.946	5026.542	2.724	3.418	235.297	1.001	14.768	
12/8/2016 2:15:00 AM	15300.000	26.038	16.911	59.348	4251.011	5027.792	2.725	3.419	235.238	1.001	14.766	
12/8/2016 2:30:00 AM	16200.000	26.026	16.911	59.321	4249.966	5026.566	2.724	3.418	235.296	1.001	14.772	
12/8/2016 2:45:00 AM	17100.000	26.033	16.911	59.338	4250.734	5027.523	2.724	3.419	235.253	1.001	14.770	
12/8/2016 3:00:00 AM	18000.000	26.036	16.911									

59.345	4249.662	5026.187	2.724
3.418	235.313	1.001	14.765
12/8/2016 3:15:00 AM	18900.000	26.031	16.911
59.333	4250.237	5026.917	2.724
3.418	235.281	1.001	14.765
12/8/2016 3:30:00 AM	19800.000	26.037	16.911
59.345	4248.469	5024.834	2.723
3.417	235.379	1.001	14.761
12/8/2016 3:45:00 AM	20700.000	26.040	16.910
59.352	4249.970	5026.640	2.724
3.418	235.296	1.001	14.757
12/8/2016 4:00:00 AM	21600.000	26.030	16.911
59.330	4249.903	5026.521	2.724
3.418	235.299	1.001	14.767
12/8/2016 4:15:00 AM	22500.000	26.036	16.911
59.343	4249.896	5026.463	2.724
3.418	235.300	1.001	14.760
12/8/2016 4:30:00 AM	23400.000	26.035	16.911
59.342	4248.962	5025.348	2.723
3.417	235.352	1.001	14.760
12/8/2016 4:45:00 AM	24300.000	26.031	16.911
59.333	4248.687	5025.013	2.723
3.417	235.367	1.001	14.763
12/8/2016 5:00:00 AM	25200.000	26.034	16.911
59.339	4248.647	5024.996	2.723
3.417	235.369	1.001	14.762
12/8/2016 5:15:00 AM	26100.000	26.046	16.911
59.367	4250.049	5026.614	2.724
3.418	235.291	1.001	14.757
12/8/2016 5:30:00 AM	27000.000	26.032	16.911
59.335	4249.747	5026.276	2.724
3.418	235.308	1.001	14.769
12/8/2016 5:45:00 AM	27900.000	26.028	16.911
59.325	4249.854	5026.414	2.724
3.418	235.302	1.001	14.770
12/8/2016 6:00:00 AM	28800.000	26.037	16.911
59.345	4249.444	5025.938	2.724
3.418	235.325	1.001	14.770
12/8/2016 6:15:00 AM	29700.000	26.037	16.911
59.346	4249.178	5025.583	2.723
3.417	235.340	1.001	14.766
12/8/2016 6:30:00 AM	30600.000	26.024	16.911
59.318	4249.347	5025.804	2.723
3.418	235.330	1.001	14.779
12/8/2016 6:45:00 AM	31500.000	26.033	16.911
59.336	4248.212	5024.481	2.723
3.417	235.393	1.001	14.770
12/8/2016 7:00:00 AM	32400.000	26.027	16.911
59.324	4248.079	5024.323	2.723
3.417	235.401	1.001	14.778
12/8/2016 7:15:00 AM	33300.000	26.026	16.911
59.321	4247.389	5023.487	2.722
3.416	235.439	1.001	14.782
12/8/2016 7:30:00 AM	34200.000	26.034	16.911
59.339	4246.834	5022.852	2.722

3.416	235.470	1.001	14.773
12/8/2016 7:45:00 AM	35100.000	26.037	16.911
59.347	4247.320	5023.397	2.722
3.416	235.443	1.001	14.779
12/8/2016 8:00:00 AM	36000.000	26.028	16.912
59.326	4247.009	5023.009	2.722
3.416	235.460	1.001	14.783
12/8/2016 8:15:00 AM	36900.000	26.037	16.911
59.347	4247.676	5023.818	2.722
3.416	235.423	1.001	14.782
12/8/2016 8:30:00 AM	37800.000	26.032	16.911
59.335	4247.043	5023.159	2.722
3.416	235.458	1.001	14.787
12/8/2016 8:45:00 AM	38700.000	26.027	16.912
59.324	4246.085	5021.906	2.721
3.415	235.511	1.001	14.793
12/8/2016 9:00:00 AM	39600.000	26.023	16.911
59.314	4246.273	5022.148	2.721
3.415	235.501	1.001	14.795
12/8/2016 9:15:00 AM	40500.000	26.025	16.911
59.319	4246.883	5022.890	2.722
3.416	235.467	1.001	14.797
12/8/2016 9:30:00 AM	41400.000	26.028	16.911
59.325	4246.306	5022.217	2.721
3.415	235.499	1.001	14.798
12/8/2016 9:45:00 AM	42300.000	26.020	16.912
59.308	4245.824	5021.607	2.721
3.415	235.526	1.001	14.809
12/8/2016 10:00:00 AM	43200.000	26.016	16.911
59.299	4246.216	5022.101	2.721
3.415	235.504	1.001	14.814
12/8/2016 10:15:00 AM	44100.000	26.025	16.911
59.318	4245.813	5021.624	2.721
3.415	235.526	1.001	14.809
12/8/2016 10:30:00 AM	45000.000	26.029	16.911
59.329	4246.554	5022.510	2.722
3.415	235.485	1.001	14.803
12/8/2016 10:45:00 AM	45900.000	26.028	16.911
59.325	4245.112	5020.785	2.721
3.414	235.565	1.001	14.808
12/8/2016 11:00:00 AM	46800.000	26.021	16.912
59.309	4246.257	5022.109	2.721
3.415	235.502	1.001	14.812
12/8/2016 11:15:00 AM	47700.000	26.025	16.911
59.318	4246.957	5022.987	2.722
3.416	235.463	1.001	14.803
12/8/2016 11:30:00 AM	48600.000	26.035	16.911
59.342	4246.051	5021.916	2.721
3.415	235.513	1.001	14.796
12/8/2016 11:45:00 AM	49500.000	26.031	16.912
59.332	4245.595	5021.316	2.721
3.414	235.538	1.001	14.799
12/8/2016 12:00:00 PM	50400.000	26.036	16.911
59.345	4247.001	5023.060	2.722
3.416	235.460	1.001	14.792

12/8/2016 12:15:00 PM	51300.000	26.043	16.911
59.359	4247.972	5024.266	2.723
3.417	235.406	1.001	14.790
12/8/2016 12:30:00 PM	52200.000	26.034	16.912
59.339	4247.810	5023.956	2.722
3.416	235.415	1.001	14.791
12/8/2016 12:45:00 PM	53100.000	26.031	16.911
59.333	4248.698	5025.105	2.723
3.417	235.366	1.001	14.798
12/8/2016 1:00:00 PM	54000.000	26.039	16.911
59.352	4249.147	5025.627	2.723
3.417	235.341	1.001	14.792
12/8/2016 1:15:00 PM	54900.000	26.035	16.910
59.343	4248.926	5025.405	2.723
3.417	235.354	1.001	14.796
12/8/2016 1:30:00 PM	55800.000	26.034	16.911
59.339	4250.050	5026.666	2.724
3.418	235.291	1.001	14.796
12/8/2016 1:45:00 PM	56700.000	26.032	16.911
59.335	4250.020	5026.579	2.724
3.418	235.293	1.001	14.796
12/8/2016 2:00:00 PM	57600.000	26.033	16.911
59.338	4250.508	5027.208	2.724
3.419	235.266	1.001	14.796
12/8/2016 2:15:00 PM	58500.000	26.033	16.911
59.338	4250.332	5027.008	2.724
3.418	235.276	1.001	14.797
12/8/2016 2:30:00 PM	59400.000	26.030	16.910
59.332	4250.075	5026.805	2.724
3.418	235.290	1.001	14.799
12/8/2016 2:45:00 PM	60300.000	26.032	16.911
59.335	4250.680	5027.469	2.724
3.419	235.257	1.001	14.804
12/8/2016 3:00:00 PM	61200.000	26.040	16.911
59.353	4250.353	5027.033	2.724
3.418	235.275	1.001	14.795
12/8/2016 3:15:00 PM	62100.000	26.027	16.911
59.324	4250.550	5027.276	2.724
3.419	235.264	1.001	14.805
12/8/2016 3:30:00 PM	63000.000	26.034	16.911
59.339	4250.292	5026.931	2.724
3.418	235.278	1.001	14.798
12/8/2016 3:45:00 PM	63900.000	26.036	16.911
59.344	4250.639	5027.371	2.724
3.419	235.259	1.001	14.798
12/8/2016 4:00:00 PM	64800.000	26.026	16.911
59.322	4248.755	5025.172	2.723
3.417	235.363	1.001	14.806
12/8/2016 4:15:00 PM	65700.000	26.035	16.911
59.341	4250.206	5026.819	2.724
3.418	235.283	1.001	14.804
12/8/2016 4:30:00 PM	66600.000	26.028	16.911
59.326	4249.728	5026.254	2.724
3.418	235.309	1.001	14.805
12/8/2016 4:45:00 PM	67500.000	26.046	16.911

59.367	4250.009	5026.667	2.724
3.418	235.294	1.001	14.795
12/8/2016 5:00:00 PM	68400.000	26.025	16.910
59.319	4250.268	5027.021	2.724
3.418	235.279	1.001	14.811
12/8/2016 5:15:00 PM	69300.000	26.032	16.911
59.335	4249.693	5026.233	2.724
3.418	235.311	1.001	14.805
12/8/2016 5:30:00 PM	70200.000	26.037	16.911
59.347	4250.180	5026.858	2.724
3.418	235.284	1.001	14.797
12/8/2016 5:45:00 PM	71100.000	26.037	16.911
59.347	4250.259	5026.922	2.724
3.418	235.280	1.001	14.808
12/8/2016 6:00:00 PM	72000.000	26.032	16.911
59.334	4250.083	5026.695	2.724
3.418	235.289	1.001	14.808
12/8/2016 6:15:00 PM	72900.000	26.035	16.911
59.342	4251.205	5028.031	2.725
3.419	235.227	1.001	14.807
12/8/2016 6:30:00 PM	73800.000	26.022	16.911
59.311	4252.557	5029.610	2.726
3.420	235.153	1.001	14.815
12/8/2016 6:45:00 PM	74700.000	26.033	16.911
59.338	4251.151	5028.007	2.725
3.419	235.230	1.001	14.811
12/8/2016 7:00:00 PM	75600.000	26.032	16.911
59.334	4250.863	5027.597	2.724
3.419	235.246	1.001	14.812
12/8/2016 7:15:00 PM	76500.000	26.037	16.910
59.346	4250.415	5027.175	2.724
3.418	235.271	1.001	14.810
12/8/2016 7:30:00 PM	77400.000	26.033	16.911
59.338	4251.491	5028.350	2.725
3.419	235.212	1.001	14.815
12/8/2016 7:45:00 PM	78300.000	26.035	16.911
59.342	4249.962	5026.581	2.724
3.418	235.296	1.001	14.818
12/8/2016 8:00:00 PM	79200.000	26.033	16.911
59.337	4251.371	5028.237	2.725
3.419	235.218	1.001	14.818
12/8/2016 8:15:00 PM	80100.000	26.027	16.911
59.325	4250.708	5027.394	2.724
3.419	235.255	1.001	14.827
12/8/2016 8:30:00 PM	81000.000	26.026	16.911
59.322	4250.492	5027.197	2.724
3.418	235.267	1.001	14.826
12/8/2016 8:45:00 PM	81900.000	26.034	16.911
59.339	4251.199	5028.043	2.725
3.419	235.228	1.001	14.826
12/8/2016 9:00:00 PM	82800.000	26.030	16.911
59.331	4249.627	5026.125	2.724
3.418	235.315	1.001	14.829
12/8/2016 9:15:00 PM	83700.000	26.029	16.910
59.329	4250.523	5027.303	2.724

3.419	235.265	1.001	14.828
12/8/2016 9:30:00 PM	84600.000	26.033	16.912
59.338	4249.533	5025.943	2.724
3.418	235.320	1.001	14.825
12/8/2016 9:45:00 PM	85500.000	26.023	16.911
59.315	4249.598	5026.121	2.724
3.418	235.316	1.001	14.838
12/8/2016 10:00:00 PM	86400.000	26.035	16.910
59.341	4250.996	5027.853	2.725
3.419	235.239	1.001	14.830
12/8/2016 10:15:00 PM	87300.000	26.029	16.911
59.327	4251.375	5028.243	2.725
3.419	235.218	1.001	14.838
12/8/2016 10:30:00 PM	88200.000	26.029	16.911
59.328	4250.985	5027.731	2.725
3.419	235.240	1.001	14.840
12/8/2016 10:45:00 PM	89100.000	26.029	16.911
59.329	4251.108	5027.926	2.725
3.419	235.233	1.001	14.835
12/8/2016 11:00:00 PM	90000.000	26.031	16.911
59.333	4251.228	5028.039	2.725
3.419	235.226	1.001	14.836
12/8/2016 11:15:00 PM	90900.000	26.029	16.911
59.329	4252.389	5029.412	2.726
3.420	235.162	1.001	14.841
12/8/2016 11:30:00 PM	91800.000	26.035	16.911
59.343	4252.085	5029.131	2.725
3.420	235.179	1.001	14.837
12/8/2016 11:45:00 PM	92700.000	26.035	16.912
59.341	4251.861	5028.747	2.725
3.420	235.191	1.001	14.836
12/9/2016 12:00:00 AM	93600.000	26.033	16.912
59.338	4252.655	5029.667	2.726
3.420	235.147	1.001	14.835
12/9/2016 12:15:00 AM	94500.000	26.033	16.911
59.337	4253.037	5030.198	2.726
3.421	235.126	1.001	14.840
12/9/2016 12:30:00 AM	95400.000	26.039	16.911
59.350	4252.337	5029.399	2.725
3.420	235.165	1.001	14.831
12/9/2016 12:45:00 AM	96300.000	26.030	16.911
59.330	4252.217	5029.209	2.725
3.420	235.171	1.001	14.836
12/9/2016 1:00:00 AM	97200.000	26.034	16.910
59.340	4253.206	5030.467	2.726
3.421	235.117	1.001	14.838
12/9/2016 1:15:00 AM	98100.000	26.032	16.911
59.335	4252.931	5030.073	2.726
3.420	235.132	1.001	14.839
12/9/2016 1:30:00 AM	99000.000	26.031	16.911
59.332	4253.270	5030.433	2.726
3.421	235.113	1.001	14.839
12/9/2016 1:45:00 AM	99900.000	26.030	16.911
59.331	4254.164	5031.540	2.727
3.421	235.064	1.001	14.842

12/9/2016 2:00:00 AM	100800.000	26.028	16.911
59.327	4253.625	5030.873	2.726
3.421	235.094	1.001	14.843
12/9/2016 2:15:00 AM	101700.000	26.031	16.910
59.332	4253.360	5030.649	2.726
3.421	235.108	1.001	14.839
12/9/2016 2:30:00 AM	102600.000	26.031	16.912
59.332	4253.889	5031.114	2.726
3.421	235.079	1.001	14.837
12/9/2016 2:45:00 AM	103500.000	26.038	16.911
59.348	4254.433	5031.859	2.727
3.422	235.049	1.001	14.837
12/9/2016 3:00:00 AM	104400.000	26.036	16.911
59.343	4254.158	5031.483	2.727
3.421	235.064	1.001	14.833
12/9/2016 3:15:00 AM	105300.000	26.043	16.911
59.360	4254.270	5031.695	2.727
3.422	235.058	1.001	14.828
12/9/2016 3:30:00 AM	106200.000	26.037	16.911
59.347	4254.659	5032.106	2.727
3.422	235.036	1.001	14.834
12/9/2016 3:45:00 AM	107100.000	26.037	16.911
59.347	4255.858	5033.524	2.728
3.423	234.970	1.001	14.832
12/9/2016 4:00:00 AM	108000.000	26.044	16.910
59.362	4256.350	5034.255	2.728
3.423	234.943	1.001	14.830
12/9/2016 4:15:00 AM	108900.000	26.032	16.911
59.335	4255.910	5033.655	2.728
3.423	234.967	1.001	14.836
12/9/2016 4:30:00 AM	109800.000	26.038	16.911
59.348	4256.792	5034.658	2.729
3.424	234.919	1.001	14.832
12/9/2016 4:45:00 AM	110700.000	26.035	16.912
59.341	4256.257	5033.937	2.728
3.423	234.948	1.001	14.837
12/9/2016 5:00:00 AM	111600.000	26.041	16.911
59.354	4256.167	5033.918	2.728
3.423	234.953	1.001	14.832
12/9/2016 5:15:00 AM	112500.000	26.042	16.911
59.357	4255.820	5033.459	2.728
3.423	234.972	1.001	14.833
12/9/2016 5:30:00 AM	113400.000	26.039	16.911
59.351	4256.034	5033.752	2.728
3.423	234.961	1.001	14.834
12/9/2016 5:45:00 AM	114300.000	26.033	16.911
59.338	4255.383	5033.032	2.728
3.422	234.996	1.001	14.840
12/9/2016 6:00:00 AM	115200.000	26.041	16.911
59.357	4256.601	5034.463	2.728
3.423	234.929	1.001	14.841
12/9/2016 6:15:00 AM	116100.000	26.037	16.910
59.347	4255.633	5033.338	2.728
3.423	234.983	1.001	14.844
12/9/2016 6:30:00 AM	117000.000	26.038	16.910

59.348	4255.589	5033.307	2.728
3.423	234.985	1.001	14.848
12/9/2016 6:45:00 AM	117900.000	26.033	16.911
59.336	4255.844	5033.548	2.728
3.423	234.971	1.001	14.845
12/9/2016 7:00:00 AM	118800.000	26.044	16.911
59.363	4255.898	5033.642	2.728
3.423	234.968	1.001	14.840
12/9/2016 7:15:00 AM	119700.000	26.041	16.911
59.355	4255.672	5033.314	2.728
3.423	234.981	1.001	14.838
12/9/2016 7:30:00 AM	120600.000	26.037	16.911
59.346	4255.630	5033.305	2.728
3.423	234.983	1.001	14.843
12/9/2016 7:45:00 AM	121500.000	26.035	16.911
59.342	4256.448	5034.213	2.728
3.423	234.938	1.001	14.850
12/9/2016 8:00:00 AM	122400.000	26.033	16.911
59.337	4255.359	5033.004	2.728
3.422	234.998	1.001	14.853
12/9/2016 8:15:00 AM	123300.000	26.028	16.911
59.326	4256.142	5033.890	2.728
3.423	234.955	1.001	14.860
12/9/2016 8:30:00 AM	124200.000	26.041	16.911
59.356	4255.982	5033.720	2.728
3.423	234.963	1.001	14.850
12/9/2016 8:45:00 AM	125100.000	26.044	16.911
59.362	4255.711	5033.351	2.728
3.423	234.978	1.001	14.852
12/9/2016 9:00:00 AM	126000.000	26.035	16.911
59.342	4255.398	5033.010	2.728
3.422	234.996	1.001	14.859
12/9/2016 9:15:00 AM	126900.000	26.037	16.911
59.346	4257.298	5035.198	2.729
3.424	234.891	1.001	14.860
12/9/2016 9:30:00 AM	127800.000	26.035	16.911
59.343	4258.519	5036.691	2.730
3.425	234.823	1.001	14.862
12/9/2016 9:45:00 AM	128700.000	26.040	16.910
59.354	4257.060	5035.046	2.729
3.424	234.904	1.001	14.861
12/9/2016 10:00:00 AM	129600.000	26.039	16.911
59.351	4256.052	5033.794	2.728
3.423	234.960	1.001	14.861
12/9/2016 10:15:00 AM	130500.000	26.040	16.911
59.353	4255.744	5033.400	2.728
3.423	234.977	1.001	14.865
12/9/2016 10:30:00 AM	131400.000	26.033	16.912
59.338	4255.256	5032.752	2.727
3.422	235.003	1.001	14.866
12/9/2016 10:45:00 AM	132300.000	26.039	16.911
59.352	4255.104	5032.682	2.727
3.422	235.012	1.001	14.871
12/9/2016 11:00:00 AM	133200.000	26.037	16.911
59.346	4255.602	5033.291	2.728

3.423	234.984	1.001	14.868
12/9/2016 11:15:00 AM	134100.000	26.039	16.910
59.351	4255.532	5033.239	2.728
3.423	234.988	1.001	14.862
12/9/2016 11:30:00 AM	135000.000	26.034	16.911
59.339	4255.432	5033.089	2.728
3.423	234.994	1.001	14.865
12/9/2016 11:45:00 AM	135900.000	26.045	16.910
59.365	4256.521	5034.449	2.728
3.423	234.934	1.001	14.853
12/9/2016 12:00:00 PM	136800.000	26.044	16.910
59.363	4256.789	5034.705	2.729
3.424	234.919	1.001	14.845
12/9/2016 12:15:00 PM	137700.000	26.044	16.911
59.362	4256.761	5034.652	2.729
3.424	234.920	1.001	14.843
12/9/2016 12:30:00 PM	138600.000	26.050	16.910
59.375	4258.245	5036.448	2.730
3.425	234.839	1.001	14.837
12/9/2016 12:45:00 PM	139500.000	26.047	16.911
59.368	4259.385	5037.746	2.730
3.426	234.776	1.001	14.830
12/9/2016 1:00:00 PM	140400.000	26.049	16.910
59.373	4260.914	5039.633	2.731
3.427	234.691	1.001	14.832
12/9/2016 1:15:00 PM	141300.000	26.052	16.911
59.379	4262.444	5041.383	2.732
3.428	234.607	1.001	14.826
12/9/2016 1:30:00 PM	142200.000	26.056	16.910
59.390	4262.025	5040.898	2.732
3.428	234.630	1.001	14.822
12/9/2016 1:45:00 PM	143100.000	26.040	16.910
59.353	4263.530	5042.678	2.733
3.429	234.547	1.001	14.836
12/9/2016 2:00:00 PM	144000.000	26.044	16.910
59.362	4263.807	5043.035	2.733
3.429	234.532	1.001	14.826
12/9/2016 2:15:00 PM	144900.000	26.048	16.909
59.371	4263.765	5043.115	2.733
3.429	234.535	1.001	14.826
12/9/2016 2:30:00 PM	145800.000	26.056	16.909
59.391	4262.647	5041.744	2.733
3.428	234.596	1.001	14.817
12/9/2016 2:45:00 PM	146700.000	26.048	16.911
59.372	4264.177	5043.433	2.734
3.430	234.512	1.001	14.823
12/9/2016 3:00:00 PM	147600.000	26.041	16.910
59.356	4263.507	5042.731	2.733
3.429	234.549	1.001	14.825
12/9/2016 3:15:00 PM	148500.000	26.051	16.910
59.378	4263.225	5042.406	2.733
3.429	234.564	1.001	14.823
12/9/2016 3:30:00 PM	149400.000	26.047	16.910
59.368	4262.640	5041.695	2.733
3.428	234.596	1.001	14.822

12/9/2016 3:45:00 PM	150300.000	26.045	16.910
59.365	4263.175	5042.288	2.733
3.429	234.567	1.001	14.827
12/9/2016 4:00:00 PM	151200.000	26.048	16.911
59.370	4262.250	5041.154	2.732
3.428	234.618	1.001	14.822
12/9/2016 4:15:00 PM	152100.000	26.053	16.911
59.382	4262.625	5041.568	2.733
3.428	234.597	1.001	14.816
12/9/2016 4:30:00 PM	153000.000	26.051	16.910
59.377	4261.468	5040.300	2.732
3.427	234.661	1.001	14.817
12/9/2016 4:45:00 PM	153900.000	26.049	16.910
59.374	4262.459	5041.461	2.732
3.428	234.606	1.001	14.819
12/9/2016 5:00:00 PM	154800.000	26.052	16.909
59.380	4263.500	5042.763	2.733
3.429	234.549	1.001	14.814
12/9/2016 5:15:00 PM	155700.000	26.048	16.910
59.370	4262.860	5041.986	2.733
3.429	234.584	1.001	14.815
12/9/2016 5:30:00 PM	156600.000	26.046	16.910
59.367	4261.911	5040.793	2.732
3.428	234.637	1.001	14.822
12/9/2016 5:45:00 PM	157500.000	26.047	16.910
59.370	4262.099	5040.985	2.732
3.428	234.626	1.001	14.815
12/9/2016 6:00:00 PM	158400.000	26.049	16.909
59.375	4262.137	5041.170	2.732
3.428	234.624	1.001	14.815
12/9/2016 6:15:00 PM	159300.000	26.049	16.909
59.373	4262.631	5041.764	2.733
3.428	234.597	1.001	14.818
12/9/2016 6:30:00 PM	160200.000	26.049	16.910
59.374	4262.528	5041.582	2.733
3.428	234.603	1.001	14.820
12/9/2016 6:45:00 PM	161100.000	26.049	16.910
59.373	4262.390	5041.359	2.732
3.428	234.610	1.001	14.819
12/9/2016 7:00:00 PM	162000.000	26.040	16.910
59.352	4262.048	5040.995	2.732
3.428	234.629	1.001	14.825
12/9/2016 7:15:00 PM	162900.000	26.045	16.910
59.365	4262.409	5041.402	2.732
3.428	234.609	1.001	14.818
12/9/2016 7:30:00 PM	163800.000	26.040	16.910
59.353	4261.733	5040.614	2.732
3.428	234.646	1.001	14.824
12/9/2016 7:45:00 PM	164700.000	26.040	16.910
59.353	4262.777	5041.817	2.733
3.428	234.589	1.001	14.826
12/9/2016 8:00:00 PM	165600.000	26.051	16.911
59.379	4262.211	5041.108	2.732
3.428	234.620	1.001	14.811
12/9/2016 8:15:00 PM	166500.000	26.051	16.910

59.378	4262.174	5041.135	2.732
3.428	234.622	1.001	14.811
12/9/2016 8:30:00 PM	167400.000	26.050	16.910
59.376	4262.906	5041.990	2.733
3.429	234.582	1.001	14.811
12/9/2016 8:45:00 PM	168300.000	26.041	16.910
59.355	4262.046	5041.013	2.732
3.428	234.629	1.001	14.825
12/9/2016 9:00:00 PM	169200.000	26.045	16.910
59.365	4261.971	5040.923	2.732
3.428	234.633	1.001	14.820
12/9/2016 9:15:00 PM	170100.000	26.043	16.910
59.360	4261.896	5040.827	2.732
3.428	234.637	1.001	14.822
12/9/2016 9:30:00 PM	171000.000	26.047	16.910
59.369	4262.059	5041.019	2.732
3.428	234.628	1.001	14.822
12/9/2016 9:45:00 PM	171900.000	26.043	16.910
59.359	4262.679	5041.733	2.733
3.428	234.594	1.001	14.821
12/9/2016 10:00:00 PM	172800.000	26.050	16.910
59.375	4262.140	5041.054	2.732
3.428	234.624	1.001	14.818
12/9/2016 10:15:00 PM	173700.000	26.039	16.910
59.350	4261.865	5040.738	2.732
3.428	234.639	1.001	14.822
12/9/2016 10:30:00 PM	174600.000	26.049	16.910
59.375	4262.387	5041.407	2.732
3.428	234.610	1.001	14.819
12/9/2016 10:45:00 PM	175500.000	26.053	16.910
59.384	4262.021	5040.923	2.732
3.428	234.630	1.001	14.818
12/9/2016 11:00:00 PM	176400.000	26.045	16.910
59.365	4262.531	5041.526	2.732
3.428	234.602	1.001	14.822
12/9/2016 11:15:00 PM	177300.000	26.045	16.910
59.365	4262.613	5041.675	2.733
3.428	234.598	1.001	14.822
12/9/2016 11:30:00 PM	178200.000	26.048	16.910
59.372	4261.741	5040.603	2.732
3.428	234.646	1.001	14.817
12/9/2016 11:45:00 PM	179100.000	26.053	16.910
59.383	4261.817	5040.753	2.732
3.428	234.642	1.001	14.812
12/10/2016 12:00:00 AM	180000.000	26.058	16.910
59.395	4261.508	5040.336	2.732
3.427	234.659	1.001	14.806
12/10/2016 12:15:00 AM	180900.000	26.049	16.910
59.374	4262.403	5041.446	2.732
3.428	234.609	1.001	14.815
12/10/2016 12:30:00 AM	181800.000	26.052	16.910
59.381	4262.593	5041.580	2.733
3.428	234.599	1.001	14.810
12/10/2016 12:45:00 AM	182700.000	26.048	16.910
59.371	4262.144	5041.068	2.732

3.428	234.624	1.001	14.812
12/10/2016 1:00:00 AM	183600.000	26.048	16.910
59.372	4263.188	5042.274	2.733
3.429	234.566	1.001	14.812
12/10/2016 1:15:00 AM	184500.000	26.042	16.910
59.357	4263.396	5042.549	2.733
3.429	234.555	1.001	14.822
12/10/2016 1:30:00 AM	185400.000	26.046	16.910
59.367	4262.309	5041.334	2.732
3.428	234.615	1.001	14.818
12/10/2016 1:45:00 AM	186300.000	26.053	16.909
59.383	4263.368	5042.657	2.733
3.429	234.556	1.001	14.812
12/10/2016 2:00:00 AM	187200.000	26.057	16.910
59.393	4262.933	5042.021	2.733
3.429	234.580	1.001	14.810
12/10/2016 2:15:00 AM	188100.000	26.049	16.910
59.374	4262.322	5041.279	2.732
3.428	234.614	1.001	14.811
12/10/2016 2:30:00 AM	189000.000	26.056	16.911
59.391	4262.361	5041.255	2.732
3.428	234.612	1.001	14.806
12/10/2016 2:45:00 AM	189900.000	26.049	16.910
59.374	4263.008	5042.101	2.733
3.429	234.576	1.001	14.813
12/10/2016 3:00:00 AM	190800.000	26.053	16.910
59.382	4263.477	5042.665	2.733
3.429	234.550	1.001	14.807
12/10/2016 3:15:00 AM	191700.000	26.055	16.910
59.388	4263.216	5042.347	2.733
3.429	234.565	1.001	14.806
12/10/2016 3:30:00 AM	192600.000	26.053	16.910
59.382	4262.280	5041.241	2.732
3.428	234.616	1.001	14.810
12/10/2016 3:45:00 AM	193500.000	26.051	16.910
59.378	4263.078	5042.205	2.733
3.429	234.572	1.001	14.811
12/10/2016 4:00:00 AM	194400.000	26.049	16.910
59.374	4262.459	5041.452	2.732
3.428	234.606	1.001	14.809
12/10/2016 4:15:00 AM	195300.000	26.056	16.910
59.390	4262.468	5041.492	2.732
3.428	234.606	1.001	14.803
12/10/2016 4:30:00 AM	196200.000	26.062	16.909
59.403	4263.246	5042.502	2.733
3.429	234.563	1.001	14.800
12/10/2016 4:45:00 AM	197100.000	26.052	16.910
59.380	4261.891	5040.789	2.732
3.428	234.638	1.001	14.809
12/10/2016 5:00:00 AM	198000.000	26.049	16.909
59.374	4262.352	5041.405	2.732
3.428	234.612	1.001	14.812
12/10/2016 5:15:00 AM	198900.000	26.052	16.910
59.380	4262.499	5041.468	2.732
3.428	234.604	1.001	14.807

12/10/2016 5:30:00 AM	199800.000	26.048	16.910
59.370	4262.652	5041.660	2.733
3.428	234.596	1.001	14.809
12/10/2016 5:45:00 AM	200700.000	26.052	16.909
59.381	4262.546	5041.644	2.733
3.428	234.602	1.001	14.803
12/10/2016 6:00:00 AM	201600.000	26.051	16.910
59.378	4262.827	5041.908	2.733
3.428	234.586	1.001	14.807
12/10/2016 6:15:00 AM	202500.000	26.052	16.910
59.381	4262.505	5041.536	2.732
3.428	234.604	1.001	14.804
12/10/2016 6:30:00 AM	203400.000	26.053	16.910
59.382	4263.238	5042.363	2.733
3.429	234.563	1.001	14.807
12/10/2016 6:45:00 AM	204300.000	26.058	16.910
59.395	4262.448	5041.419	2.732
3.428	234.607	1.001	14.803
12/10/2016 7:00:00 AM	205200.000	26.047	16.910
59.370	4262.669	5041.710	2.733
3.428	234.595	1.001	14.810
12/10/2016 7:15:00 AM	206100.000	26.057	16.909
59.391	4262.513	5041.595	2.733
3.428	234.603	1.001	14.801
12/10/2016 7:30:00 AM	207000.000	26.052	16.910
59.380	4263.635	5042.823	2.733
3.429	234.542	1.001	14.805
12/10/2016 7:45:00 AM	207900.000	26.055	16.910
59.388	4263.574	5042.820	2.733
3.429	234.545	1.001	14.802
12/10/2016 8:00:00 AM	208800.000	26.051	16.910
59.377	4263.265	5042.446	2.733
3.429	234.562	1.001	14.808
12/10/2016 8:15:00 AM	209700.000	26.048	16.910
59.372	4262.418	5041.432	2.732
3.428	234.609	1.001	14.816
12/10/2016 8:30:00 AM	210600.000	26.051	16.910
59.379	4264.302	5043.631	2.734
3.430	234.505	1.001	14.814
12/10/2016 8:45:00 AM	211500.000	26.056	16.910
59.389	4262.545	5041.614	2.733
3.428	234.602	1.001	14.807
12/10/2016 9:00:00 AM	212400.000	26.049	16.910
59.374	4262.494	5041.462	2.732
3.428	234.604	1.001	14.809
12/10/2016 9:15:00 AM	213300.000	26.058	16.910
59.394	4262.661	5041.671	2.733
3.428	234.595	1.001	14.808
12/10/2016 9:30:00 AM	214200.000	26.050	16.910
59.376	4262.453	5041.494	2.732
3.428	234.607	1.001	14.814
12/10/2016 9:45:00 AM	215100.000	26.056	16.910
59.390	4262.723	5041.745	2.733
3.428	234.592	1.001	14.812
12/10/2016 10:00:00 AM	216000.000	26.047	16.910

59.370	4263.604	5042.766	2.733
3.429	234.543	1.001	14.814
12/10/2016 10:15:00 AM	216900.000	26.052	16.910
59.380	4263.135	5042.312	2.733
3.429	234.569	1.001	14.816
12/10/2016 10:30:00 AM	217800.000	26.055	16.910
59.388	4262.552	5041.611	2.733
3.428	234.601	1.001	14.814
12/10/2016 10:45:00 AM	218700.000	26.049	16.911
59.375	4262.686	5041.669	2.733
3.428	234.594	1.001	14.814
12/10/2016 11:00:00 AM	219600.000	26.053	16.910
59.383	4263.524	5042.671	2.733
3.429	234.548	1.001	14.811
12/10/2016 11:15:00 AM	220500.000	26.066	16.910
59.413	4264.291	5043.608	2.734
3.430	234.506	1.001	14.798
12/10/2016 11:30:00 AM	221400.000	26.056	16.910
59.389	4263.961	5043.249	2.733
3.429	234.524	1.001	14.800
12/10/2016 11:45:00 AM	222300.000	26.063	16.910
59.406	4264.212	5043.494	2.734
3.430	234.510	1.001	14.792
12/10/2016 12:00:00 PM	223200.000	26.062	16.910
59.402	4263.910	5043.188	2.733
3.429	234.527	1.001	14.791
12/10/2016 12:15:00 PM	224100.000	26.061	16.910
59.402	4264.110	5043.434	2.734
3.430	234.516	1.001	14.788
12/10/2016 12:30:00 PM	225000.000	26.061	16.910
59.400	4264.328	5043.683	2.734
3.430	234.504	1.001	14.783
12/10/2016 12:45:00 PM	225900.000	26.064	16.910
59.407	4264.107	5043.441	2.734
3.430	234.516	1.001	14.779
12/10/2016 1:00:00 PM	226800.000	26.061	16.910
59.401	4266.059	5045.719	2.735
3.431	234.408	1.001	14.778
12/10/2016 1:15:00 PM	227700.000	26.061	16.909
59.401	4265.159	5044.725	2.734
3.430	234.458	1.001	14.775
12/10/2016 1:30:00 PM	228600.000	26.057	16.909
59.392	4266.720	5046.581	2.735
3.432	234.372	1.001	14.778
12/10/2016 1:45:00 PM	229500.000	26.060	16.909
59.400	4267.021	5046.938	2.736
3.432	234.356	1.001	14.773
12/10/2016 2:00:00 PM	230400.000	26.065	16.909
59.409	4266.644	5046.470	2.735
3.432	234.376	1.001	14.766
12/10/2016 2:15:00 PM	231300.000	26.066	16.909
59.413	4267.052	5047.034	2.736
3.432	234.354	1.001	14.764
12/10/2016 2:30:00 PM	232200.000	26.065	16.909
59.411	4266.805	5046.742	2.735

3.432	234.367	1.001	14.765
12/10/2016 2:45:00 PM	233100.000	26.067	16.909
59.414	4268.208	5048.360	2.736
3.433	234.290	1.001	14.764
12/10/2016 3:00:00 PM	234000.000	26.069	16.909
59.419	4267.578	5047.575	2.736
3.432	234.325	1.001	14.766
12/10/2016 3:15:00 PM	234900.000	26.061	16.910
59.400	4267.400	5047.356	2.736
3.432	234.335	1.001	14.768
12/10/2016 3:30:00 PM	235800.000	26.065	16.910
59.410	4267.434	5047.305	2.736
3.432	234.333	1.001	14.768
12/10/2016 3:45:00 PM	236700.000	26.072	16.910
59.427	4267.487	5047.439	2.736
3.432	234.330	1.001	14.765
12/10/2016 4:00:00 PM	237600.000	26.052	16.909
59.381	4267.162	5047.113	2.736
3.432	234.348	1.001	14.772
12/10/2016 4:15:00 PM	238500.000	26.062	16.910
59.404	4265.778	5045.387	2.735
3.431	234.424	1.001	14.765
12/10/2016 4:30:00 PM	239400.000	26.064	16.910
59.409	4265.632	5045.213	2.735
3.431	234.432	1.001	14.763
12/10/2016 4:45:00 PM	240300.000	26.070	16.910
59.422	4266.059	5045.770	2.735
3.431	234.408	1.001	14.761
12/10/2016 5:00:00 PM	241200.000	26.059	16.910
59.397	4265.091	5044.554	2.734
3.430	234.462	1.001	14.772
12/10/2016 5:15:00 PM	242100.000	26.068	16.910
59.416	4264.976	5044.458	2.734
3.430	234.468	1.001	14.759
12/10/2016 5:30:00 PM	243000.000	26.064	16.910
59.408	4264.754	5044.227	2.734
3.430	234.480	1.001	14.769
12/10/2016 5:45:00 PM	243900.000	26.062	16.910
59.404	4264.229	5043.534	2.734
3.430	234.509	1.001	14.764
12/10/2016 6:00:00 PM	244800.000	26.066	16.910
59.413	4264.503	5043.870	2.734
3.430	234.494	1.001	14.766
12/10/2016 6:15:00 PM	245700.000	26.050	16.910
59.375	4264.569	5043.937	2.734
3.430	234.490	1.001	14.778
12/10/2016 6:30:00 PM	246600.000	26.060	16.911
59.400	4264.091	5043.322	2.734
3.429	234.517	1.001	14.767
12/10/2016 6:45:00 PM	247500.000	26.066	16.910
59.412	4264.956	5044.405	2.734
3.430	234.469	1.001	14.763
12/10/2016 7:00:00 PM	248400.000	26.063	16.910
59.406	4263.561	5042.755	2.733
3.429	234.546	1.001	14.772

12/10/2016 7:15:00 PM	249300.000	26.066	16.909
59.412	4264.897	5044.424	2.734
3.430	234.472	1.001	14.768
12/10/2016 7:30:00 PM	250200.000	26.064	16.910
59.409	4263.706	5042.916	2.733
3.429	234.538	1.001	14.773
12/10/2016 7:45:00 PM	251100.000	26.056	16.910
59.389	4263.861	5043.151	2.733
3.429	234.529	1.001	14.779
12/10/2016 8:00:00 PM	252000.000	26.055	16.910
59.387	4263.406	5042.581	2.733
3.429	234.554	1.001	14.782
12/10/2016 8:15:00 PM	252900.000	26.057	16.911
59.393	4263.829	5043.001	2.733
3.429	234.531	1.001	14.783
12/10/2016 8:30:00 PM	253800.000	26.059	16.911
59.397	4262.794	5041.768	2.733
3.428	234.588	1.001	14.779
12/10/2016 8:45:00 PM	254700.000	26.058	16.910
59.395	4263.876	5043.108	2.733
3.429	234.528	1.001	14.779
12/10/2016 9:00:00 PM	255600.000	26.060	16.910
59.399	4263.640	5042.877	2.733
3.429	234.541	1.001	14.779
12/10/2016 9:15:00 PM	256500.000	26.058	16.910
59.395	4263.574	5042.792	2.733
3.429	234.545	1.001	14.782
12/10/2016 9:30:00 PM	257400.000	26.054	16.910
59.385	4264.743	5044.202	2.734
3.430	234.481	1.001	14.785
12/10/2016 9:45:00 PM	258300.000	26.059	16.910
59.397	4264.643	5044.055	2.734
3.430	234.486	1.001	14.780
12/10/2016 10:00:00 PM	259200.000	26.055	16.910
59.388	4264.985	5044.429	2.734
3.430	234.467	1.001	14.789
12/10/2016 10:15:00 PM	260100.000	26.064	16.910
59.407	4264.556	5043.953	2.734
3.430	234.491	1.001	14.782
12/10/2016 10:30:00 PM	261000.000	26.060	16.910
59.398	4264.225	5043.541	2.734
3.430	234.509	1.001	14.789
12/10/2016 10:45:00 PM	261900.000	26.051	16.910
59.379	4265.426	5044.981	2.734
3.431	234.443	1.001	14.799
12/10/2016 11:00:00 PM	262800.000	26.058	16.909
59.394	4264.265	5043.657	2.734
3.430	234.507	1.001	14.797
12/10/2016 11:15:00 PM	263700.000	26.059	16.909
59.397	4265.886	5045.614	2.735
3.431	234.418	1.001	14.798
12/10/2016 11:30:00 PM	264600.000	26.057	16.910
59.392	4264.624	5044.001	2.734
3.430	234.487	1.001	14.799
12/10/2016 11:45:00 PM	265500.000	26.061	16.910

59.402	4265.108	5044.606	2.734
3.430	234.461	1.001	14.796
12/11/2016 12:00:00 AM	266400.000	26.060	16.910
59.399	4265.108	5044.614	2.734
3.430	234.461	1.001	14.801
12/11/2016 12:15:00 AM	267300.000	26.061	16.910
59.401	4264.309	5043.668	2.734
3.430	234.505	1.001	14.799
12/11/2016 12:30:00 AM	268200.000	26.071	16.910
59.423	4266.250	5045.965	2.735
3.431	234.398	1.001	14.797
12/11/2016 12:45:00 AM	269100.000	26.062	16.910
59.403	4265.310	5044.853	2.734
3.431	234.450	1.001	14.796
12/11/2016 1:00:00 AM	270000.000	26.062	16.909
59.404	4265.611	5045.330	2.735
3.431	234.433	1.001	14.798
12/11/2016 1:15:00 AM	270900.000	26.056	16.909
59.389	4265.785	5045.485	2.735
3.431	234.423	1.001	14.806
12/11/2016 1:30:00 AM	271800.000	26.061	16.910
59.401	4266.162	5045.872	2.735
3.431	234.403	1.001	14.802
12/11/2016 1:45:00 AM	272700.000	26.061	16.909
59.401	4266.657	5046.587	2.735
3.432	234.376	1.001	14.799
12/11/2016 2:00:00 AM	273600.000	26.062	16.910
59.403	4268.052	5048.076	2.736
3.433	234.299	1.001	14.803
12/11/2016 2:15:00 AM	274500.000	26.059	16.909
59.396	4266.827	5046.728	2.735
3.432	234.366	1.001	14.804
12/11/2016 2:30:00 AM	275400.000	26.060	16.910
59.399	4266.607	5046.399	2.735
3.432	234.378	1.001	14.811
12/11/2016 2:45:00 AM	276300.000	26.062	16.909
59.402	4268.202	5048.313	2.736
3.433	234.291	1.001	14.804
12/11/2016 3:00:00 AM	277200.000	26.062	16.910
59.402	4267.620	5047.556	2.736
3.432	234.323	1.001	14.805
12/11/2016 3:15:00 AM	278100.000	26.058	16.910
59.394	4267.331	5047.255	2.736
3.432	234.339	1.001	14.805
12/11/2016 3:30:00 AM	279000.000	26.069	16.909
59.420	4268.587	5048.799	2.737
3.433	234.270	1.001	14.799
12/11/2016 3:45:00 AM	279900.000	26.061	16.910
59.402	4268.975	5049.148	2.737
3.433	234.248	1.001	14.807
12/11/2016 4:00:00 AM	280800.000	26.065	16.909
59.409	4268.176	5048.323	2.736
3.433	234.292	1.001	14.804
12/11/2016 4:15:00 AM	281700.000	26.064	16.909
59.408	4269.034	5049.308	2.737

3.434	234.245	1.001	14.803
12/11/2016 4:30:00 AM	282600.000	26.065	16.909
59.409	4270.602	5051.172	2.738
3.435	234.159	1.001	14.800
12/11/2016 4:45:00 AM	283500.000	26.073	16.909
59.428	4270.795	5051.411	2.738
3.435	234.148	1.001	14.798
12/11/2016 5:00:00 AM	284400.000	26.066	16.909
59.412	4270.839	5051.433	2.738
3.435	234.146	1.001	14.802
12/11/2016 5:15:00 AM	285300.000	26.066	16.910
59.412	4271.346	5051.984	2.739
3.435	234.118	1.001	14.803
12/11/2016 5:30:00 AM	286200.000	26.062	16.910
59.404	4271.720	5052.395	2.739
3.436	234.098	1.001	14.810
12/11/2016 5:45:00 AM	287100.000	26.072	16.909
59.425	4271.750	5052.560	2.739
3.436	234.096	1.001	14.803
12/11/2016 6:00:00 AM	288000.000	26.062	16.910
59.403	4271.423	5052.055	2.739
3.435	234.114	1.001	14.809
12/11/2016 6:15:00 AM	288900.000	26.065	16.910
59.409	4271.666	5052.401	2.739
3.436	234.101	1.001	14.810
12/11/2016 6:30:00 AM	289800.000	26.065	16.910
59.410	4270.752	5051.321	2.738
3.435	234.151	1.001	14.811
12/11/2016 6:45:00 AM	290700.000	26.058	16.910
59.393	4270.774	5051.347	2.738
3.435	234.150	1.001	14.817
12/11/2016 7:00:00 AM	291600.000	26.065	16.910
59.409	4270.296	5050.742	2.738
3.435	234.176	1.001	14.812
12/11/2016 7:15:00 AM	292500.000	26.063	16.909
59.406	4270.776	5051.409	2.738
3.435	234.149	1.001	14.814
12/11/2016 7:30:00 AM	293400.000	26.060	16.909
59.398	4270.474	5051.011	2.738
3.435	234.166	1.001	14.815
12/11/2016 7:45:00 AM	294300.000	26.060	16.909
59.399	4272.180	5053.038	2.739
3.436	234.073	1.001	14.817
12/11/2016 8:00:00 AM	295200.000	26.068	16.910
59.417	4272.142	5052.885	2.739
3.436	234.075	1.001	14.810
12/11/2016 8:15:00 AM	296100.000	26.064	16.910
59.407	4271.459	5052.125	2.739
3.435	234.112	1.001	14.816
12/11/2016 8:30:00 AM	297000.000	26.067	16.910
59.415	4271.543	5052.236	2.739
3.436	234.107	1.001	14.816
12/11/2016 8:45:00 AM	297900.000	26.064	16.910
59.408	4272.457	5053.246	2.739
3.436	234.057	1.001	14.814

12/11/2016 9:00:00 AM	298800.000	26.064	16.910
59.408	4270.428	5050.938	2.738
3.435	234.169	1.001	14.820
12/11/2016 9:15:00 AM	299700.000	26.065	16.910
59.410	4271.629	5052.298	2.739
3.436	234.103	1.001	14.820
12/11/2016 9:30:00 AM	300600.000	26.062	16.910
59.402	4269.802	5050.157	2.737
3.434	234.203	1.001	14.826
12/11/2016 9:45:00 AM	301500.000	26.064	16.909
59.408	4270.224	5050.715	2.738
3.434	234.180	1.001	14.824
12/11/2016 10:00:00 AM	302400.000	26.066	16.910
59.413	4270.226	5050.619	2.738
3.434	234.180	1.001	14.822
12/11/2016 10:15:00 AM	303300.000	26.070	16.910
59.421	4270.131	5050.536	2.738
3.434	234.185	1.001	14.820
12/11/2016 10:30:00 AM	304200.000	26.068	16.910
59.417	4270.727	5051.271	2.738
3.435	234.152	1.001	14.818
12/11/2016 10:45:00 AM	305100.000	26.066	16.910
59.412	4269.368	5049.664	2.737
3.434	234.227	1.001	14.821
12/11/2016 11:00:00 AM	306000.000	26.071	16.909
59.423	4270.170	5050.651	2.738
3.434	234.183	1.001	14.818
12/11/2016 11:15:00 AM	306900.000	26.065	16.910
59.409	4270.884	5051.445	2.738
3.435	234.144	1.001	14.819
12/11/2016 11:30:00 AM	307800.000	26.073	16.910
59.429	4271.192	5051.841	2.738
3.435	234.127	1.001	14.812
12/11/2016 11:45:00 AM	308700.000	26.072	16.910
59.427	4271.017	5051.634	2.738
3.435	234.136	1.001	14.816
12/11/2016 12:00:00 PM	309600.000	26.063	16.909
59.406	4271.245	5051.923	2.738
3.435	234.124	1.001	14.816
12/11/2016 12:15:00 PM	310500.000	26.078	16.909
59.440	4273.799	5054.944	2.740
3.437	233.984	1.001	14.806
12/11/2016 12:30:00 PM	311400.000	26.074	16.910
59.432	4272.128	5052.917	2.739
3.436	234.075	1.001	14.806
12/11/2016 12:45:00 PM	312300.000	26.074	16.909
59.430	4272.062	5052.910	2.739
3.436	234.079	1.001	14.805
12/11/2016 1:00:00 PM	313200.000	26.076	16.909
59.434	4273.343	5054.495	2.740
3.437	234.009	1.001	14.799
12/11/2016 1:15:00 PM	314100.000	26.075	16.910
59.433	4274.144	5055.293	2.740
3.438	233.965	1.001	14.798
12/11/2016 1:30:00 PM	315000.000	26.074	16.909

59.432	4274.085	5055.292	2.740
3.438	233.968	1.001	14.800
12/11/2016 1:45:00 PM	315900.000	26.067	16.909
59.416	4276.577	5058.219	2.742
3.440	233.832	1.001	14.803
12/11/2016 2:00:00 PM	316800.000	26.078	16.909
59.439	4275.009	5056.465	2.741
3.438	233.918	1.001	14.799
12/11/2016 2:15:00 PM	317700.000	26.072	16.909
59.427	4276.571	5058.252	2.742
3.440	233.832	1.001	14.803
12/11/2016 2:30:00 PM	318600.000	26.067	16.909
59.414	4275.880	5057.465	2.742
3.439	233.870	1.001	14.807
12/11/2016 2:45:00 PM	319500.000	26.077	16.910
59.437	4274.543	5055.805	2.741
3.438	233.943	1.001	14.802
12/11/2016 3:00:00 PM	320400.000	26.064	16.910
59.407	4274.941	5056.265	2.741
3.438	233.921	1.001	14.809
12/11/2016 3:15:00 PM	321300.000	26.072	16.909
59.427	4275.191	5056.600	2.741
3.438	233.908	1.001	14.803
12/11/2016 3:30:00 PM	322200.000	26.071	16.910
59.423	4274.861	5056.170	2.741
3.438	233.926	1.001	14.804
12/11/2016 3:45:00 PM	323100.000	26.069	16.909
59.419	4274.171	5055.394	2.740
3.438	233.964	1.001	14.805
12/11/2016 4:00:00 PM	324000.000	26.072	16.909
59.425	4275.304	5056.764	2.741
3.439	233.901	1.001	14.802
12/11/2016 4:15:00 PM	324900.000	26.076	16.909
59.435	4274.433	5055.683	2.741
3.438	233.949	1.001	14.801
12/11/2016 4:30:00 PM	325800.000	26.072	16.910
59.427	4275.071	5056.397	2.741
3.438	233.914	1.001	14.799
12/11/2016 4:45:00 PM	326700.000	26.074	16.909
59.430	4274.262	5055.512	2.741
3.438	233.959	1.001	14.800
12/11/2016 5:00:00 PM	327600.000	26.075	16.909
59.433	4274.739	5056.056	2.741
3.438	233.932	1.001	14.797
12/11/2016 5:15:00 PM	328500.000	26.083	16.910
59.451	4274.841	5056.097	2.741
3.438	233.927	1.001	14.791
12/11/2016 5:30:00 PM	329400.000	26.070	16.909
59.422	4275.022	5056.450	2.741
3.438	233.917	1.001	14.794
12/11/2016 5:45:00 PM	330300.000	26.073	16.909
59.429	4275.920	5057.483	2.742
3.439	233.868	1.001	14.794
12/11/2016 6:00:00 PM	331200.000	26.074	16.910
59.432	4275.746	5057.216	2.742

3.439	233.877	1.001	14.797
12/11/2016 6:15:00 PM	332100.000	26.068	16.909
59.416	4274.997	5056.361	2.741
3.438	233.918	1.001	14.800
12/11/2016 6:30:00 PM	333000.000	26.072	16.909
59.425	4276.893	5058.684	2.742
3.440	233.815	1.001	14.800
12/11/2016 6:45:00 PM	333900.000	26.076	16.910
59.436	4275.871	5057.344	2.742
3.439	233.870	1.001	14.794
12/11/2016 7:00:00 PM	334800.000	26.076	16.910
59.435	4275.566	5056.995	2.741
3.439	233.887	1.001	14.791
12/11/2016 7:15:00 PM	335700.000	26.073	16.910
59.429	4274.869	5056.190	2.741
3.438	233.925	1.001	14.793
12/11/2016 7:30:00 PM	336600.000	26.074	16.909
59.431	4276.018	5057.568	2.742
3.439	233.862	1.001	14.799
12/11/2016 7:45:00 PM	337500.000	26.076	16.909
59.435	4275.408	5056.856	2.741
3.439	233.896	1.001	14.795
12/11/2016 8:00:00 PM	338400.000	26.078	16.909
59.440	4275.637	5057.168	2.741
3.439	233.883	1.001	14.792
12/11/2016 8:15:00 PM	339300.000	26.071	16.909
59.424	4276.478	5058.183	2.742
3.440	233.837	1.001	14.797
12/11/2016 8:30:00 PM	340200.000	26.076	16.910
59.435	4275.849	5057.338	2.742
3.439	233.872	1.001	14.798
12/11/2016 8:45:00 PM	341100.000	26.068	16.909
59.418	4275.887	5057.403	2.742
3.439	233.870	1.001	14.798
12/11/2016 9:00:00 PM	342000.000	26.080	16.909
59.445	4275.846	5057.354	2.742
3.439	233.872	1.001	14.790
12/11/2016 9:15:00 PM	342900.000	26.077	16.909
59.439	4274.506	5055.810	2.741
3.438	233.945	1.001	14.793
12/11/2016 9:30:00 PM	343800.000	26.075	16.909
59.433	4274.095	5055.304	2.740
3.438	233.968	1.001	14.795
12/11/2016 9:45:00 PM	344700.000	26.081	16.909
59.447	4275.063	5056.449	2.741
3.438	233.915	1.001	14.789
12/11/2016 10:00:00 PM	345600.000	26.075	16.909
59.433	4274.883	5056.236	2.741
3.438	233.925	1.001	14.794
12/11/2016 10:15:00 PM	346500.000	26.080	16.909
59.445	4274.822	5056.234	2.741
3.438	233.928	1.001	14.792
12/11/2016 10:30:00 PM	347400.000	26.079	16.909
59.441	4274.809	5056.229	2.741
3.438	233.929	1.001	14.791

12/11/2016 10:45:00 PM	348300.000	26.073	16.909
59.429	4275.596	5057.069	2.741
3.439	233.886	1.001	14.799
12/11/2016 11:00:00 PM	349200.000	26.075	16.910
59.433	4275.435	5056.829	2.741
3.439	233.894	1.001	14.795
12/11/2016 11:15:00 PM	350100.000	26.079	16.910
59.442	4273.813	5054.882	2.740
3.437	233.983	1.001	14.794
12/11/2016 11:30:00 PM	351000.000	26.075	16.909
59.432	4273.317	5054.434	2.740
3.437	234.010	1.001	14.797
12/11/2016 11:45:00 PM	351900.000	26.074	16.910
59.430	4274.787	5056.093	2.741
3.438	233.930	1.001	14.796
12/12/2016 12:00:00 AM	352800.000	26.082	16.909
59.448	4274.882	5056.245	2.741
3.438	233.925	1.001	14.791
12/12/2016 12:15:00 AM	353700.000	26.071	16.910
59.425	4275.288	5056.686	2.741
3.439	233.902	1.001	14.799
12/12/2016 12:30:00 AM	354600.000	26.079	16.910
59.443	4274.193	5055.371	2.740
3.438	233.962	1.001	14.790
12/12/2016 12:45:00 AM	355500.000	26.074	16.909
59.431	4274.615	5055.898	2.741
3.438	233.939	1.001	14.795
12/12/2016 1:00:00 AM	356400.000	26.076	16.910
59.436	4275.150	5056.522	2.741
3.438	233.910	1.001	14.798
12/12/2016 1:15:00 AM	357300.000	26.077	16.909
59.438	4275.803	5057.304	2.742
3.439	233.874	1.001	14.797
12/12/2016 1:30:00 AM	358200.000	26.077	16.909
59.437	4274.572	5055.878	2.741
3.438	233.942	1.001	14.794
12/12/2016 1:45:00 AM	359100.000	26.076	16.909
59.436	4274.765	5056.157	2.741
3.438	233.931	1.001	14.794
12/12/2016 2:00:00 AM	360000.000	26.081	16.909
59.446	4275.424	5056.937	2.741
3.439	233.895	1.001	14.790
12/12/2016 2:15:00 AM	360900.000	26.082	16.910
59.448	4275.917	5057.398	2.742
3.439	233.868	1.001	14.789
12/12/2016 2:30:00 AM	361800.000	26.072	16.910
59.427	4273.411	5054.446	2.740
3.437	234.005	1.001	14.797
12/12/2016 2:45:00 AM	362700.000	26.078	16.909
59.440	4274.014	5055.278	2.740
3.438	233.972	1.001	14.795
12/12/2016 3:00:00 AM	363600.000	26.075	16.909
59.432	4274.569	5055.844	2.741
3.438	233.942	1.001	14.795
12/12/2016 3:15:00 AM	364500.000	26.082	16.910

59.448	4274.037	5055.135	2.740
3.437	233.971	1.001	14.787
12/12/2016 3:30:00 AM	365400.000	26.074	16.910
59.432	4274.271	5055.443	2.741
3.438	233.958	1.001	14.793
12/12/2016 3:45:00 AM	366300.000	26.083	16.909
59.452	4274.624	5055.929	2.741
3.438	233.939	1.001	14.789
12/12/2016 4:00:00 AM	367200.000	26.083	16.909
59.452	4273.708	5054.877	2.740
3.437	233.989	1.001	14.787
12/12/2016 4:15:00 AM	368100.000	26.077	16.909
59.436	4275.432	5056.864	2.741
3.439	233.895	1.001	14.787
12/12/2016 4:30:00 AM	369000.000	26.082	16.909
59.448	4275.313	5056.734	2.741
3.439	233.901	1.001	14.790
12/12/2016 4:45:00 AM	369900.000	26.068	16.910
59.416	4273.517	5054.540	2.740
3.437	233.999	1.001	14.798
12/12/2016 5:00:00 AM	370800.000	26.079	16.910
59.442	4275.151	5056.523	2.741
3.438	233.910	1.001	14.788
12/12/2016 5:15:00 AM	371700.000	26.077	16.910
59.438	4274.359	5055.567	2.741
3.438	233.953	1.001	14.787
12/12/2016 5:30:00 AM	372600.000	26.083	16.909
59.451	4275.835	5057.393	2.742
3.439	233.872	1.001	14.786
12/12/2016 5:45:00 AM	373500.000	26.074	16.909
59.432	4275.613	5057.079	2.741
3.439	233.885	1.001	14.794
12/12/2016 6:00:00 AM	374400.000	26.077	16.909
59.437	4276.291	5057.900	2.742
3.439	233.848	1.001	14.794
12/12/2016 6:15:00 AM	375300.000	26.073	16.909
59.429	4275.743	5057.323	2.742
3.439	233.878	1.001	14.794
12/12/2016 6:30:00 AM	376200.000	26.080	16.909
59.444	4275.854	5057.394	2.742
3.439	233.871	1.001	14.792
12/12/2016 6:45:00 AM	377100.000	26.070	16.909
59.423	4275.604	5057.068	2.741
3.439	233.885	1.001	14.796
12/12/2016 7:00:00 AM	378000.000	26.076	16.910
59.435	4275.844	5057.333	2.742
3.439	233.872	1.001	14.797
12/12/2016 7:15:00 AM	378900.000	26.081	16.909
59.448	4275.505	5056.971	2.741
3.439	233.891	1.001	14.790
12/12/2016 7:30:00 AM	379800.000	26.073	16.909
59.429	4274.604	5055.905	2.741
3.438	233.940	1.001	14.796
12/12/2016 7:45:00 AM	380700.000	26.083	16.910
59.452	4275.367	5056.760	2.741

3.439	233.898	1.001	14.788
12/12/2016 8:00:00 AM	381600.000	26.079	16.909
59.442	4274.250	5055.467	2.741
3.438	233.959	1.001	14.794
12/12/2016 8:15:00 AM	382500.000	26.077	16.910
59.438	4275.524	5056.926	2.741
3.439	233.889	1.001	14.802
12/12/2016 8:30:00 AM	383400.000	26.075	16.909
59.434	4273.960	5055.154	2.740
3.438	233.975	1.001	14.801
12/12/2016 8:45:00 AM	384300.000	26.077	16.910
59.438	4274.960	5056.287	2.741
3.438	233.920	1.001	14.805
12/12/2016 9:00:00 AM	385200.000	26.074	16.909
59.432	4274.564	5055.889	2.741
3.438	233.942	1.001	14.808
12/12/2016 9:15:00 AM	386100.000	26.074	16.909
59.431	4275.643	5057.134	2.741
3.439	233.883	1.001	14.809
12/12/2016 9:30:00 AM	387000.000	26.081	16.909
59.446	4275.070	5056.448	2.741
3.438	233.914	1.001	14.811
12/12/2016 9:45:00 AM	387900.000	26.076	16.910
59.435	4273.938	5055.057	2.740
3.437	233.976	1.001	14.808
12/12/2016 10:00:00 AM	388800.000	26.069	16.910
59.419	4274.686	5055.973	2.741
3.438	233.935	1.001	14.816
12/12/2016 10:15:00 AM	389700.000	26.076	16.909
59.436	4273.736	5054.889	2.740
3.437	233.987	1.001	14.810
12/12/2016 10:30:00 AM	390600.000	26.073	16.910
59.428	4273.351	5054.303	2.740
3.437	234.008	1.001	14.812
12/12/2016 10:45:00 AM	391500.000	26.072	16.910
59.425	4272.899	5053.769	2.740
3.437	234.033	1.001	14.812
12/12/2016 11:00:00 AM	392400.000	26.071	16.910
59.425	4272.676	5053.536	2.739
3.436	234.045	1.001	14.811
12/12/2016 11:15:00 AM	393300.000	26.075	16.910
59.433	4271.951	5052.728	2.739
3.436	234.085	1.001	14.809
12/12/2016 11:30:00 AM	394200.000	26.083	16.910
59.451	4273.491	5054.549	2.740
3.437	234.001	1.001	14.799
12/12/2016 11:45:00 AM	395100.000	26.079	16.909
59.442	4272.842	5053.813	2.740
3.437	234.036	1.001	14.798
12/12/2016 12:00:00 PM	396000.000	26.083	16.910
59.451	4273.457	5054.500	2.740
3.437	234.003	1.001	14.794
12/12/2016 12:15:00 PM	396900.000	26.094	16.910
59.477	4274.612	5055.875	2.741
3.438	233.939	1.001	14.779

12/12/2016 12:30:00 PM	397800.000	26.080	16.910
59.443	4275.245	5056.604	2.741
3.438	233.905	1.001	14.785
12/12/2016 12:45:00 PM	398700.000	26.084	16.909
59.454	4274.673	5055.978	2.741
3.438	233.936	1.001	14.783
12/12/2016 1:00:00 PM	399600.000	26.087	16.910
59.461	4276.968	5058.642	2.742
3.440	233.810	1.001	14.777
12/12/2016 1:15:00 PM	400500.000	26.082	16.909
59.449	4278.090	5060.040	2.743
3.441	233.749	1.001	14.784
12/12/2016 1:30:00 PM	401400.000	26.090	16.909
59.466	4277.190	5059.015	2.743
3.440	233.798	1.001	14.774
12/12/2016 1:45:00 PM	402300.000	26.082	16.909
59.450	4278.305	5060.374	2.743
3.441	233.737	1.001	14.788
12/12/2016 2:00:00 PM	403200.000	26.086	16.909
59.457	4278.162	5060.165	2.743
3.441	233.745	1.001	14.783
12/12/2016 2:15:00 PM	404100.000	26.088	16.909
59.463	4278.757	5060.879	2.744
3.441	233.713	1.001	14.777
12/12/2016 2:30:00 PM	405000.000	26.079	16.908
59.442	4278.752	5060.912	2.744
3.441	233.713	1.001	14.781
12/12/2016 2:45:00 PM	405900.000	26.087	16.909
59.460	4278.146	5060.115	2.743
3.441	233.746	1.001	14.776
12/12/2016 3:00:00 PM	406800.000	26.081	16.909
59.447	4279.192	5061.352	2.744
3.442	233.689	1.001	14.779
12/12/2016 3:15:00 PM	407700.000	26.084	16.910
59.453	4278.276	5060.140	2.743
3.441	233.739	1.001	14.775
12/12/2016 3:30:00 PM	408600.000	26.080	16.910
59.445	4278.618	5060.613	2.743
3.441	233.720	1.001	14.778
12/12/2016 3:45:00 PM	409500.000	26.078	16.909
59.439	4276.953	5058.675	2.742
3.440	233.811	1.001	14.780
12/12/2016 4:00:00 PM	410400.000	26.085	16.909
59.455	4277.446	5059.268	2.743
3.440	233.784	1.001	14.776
12/12/2016 4:15:00 PM	411300.000	26.083	16.909
59.450	4278.448	5060.542	2.743
3.441	233.730	1.001	14.772
12/12/2016 4:30:00 PM	412200.000	26.079	16.909
59.443	4276.941	5058.720	2.742
3.440	233.812	1.001	14.773
12/12/2016 4:45:00 PM	413100.000	26.087	16.910
59.460	4277.787	5059.621	2.743
3.441	233.766	1.001	14.767
12/12/2016 5:00:00 PM	414000.000	26.091	16.909

59.468	4277.321	5059.180	2.743
3.440	233.791	1.001	14.766
12/12/2016 5:15:00 PM	414900.000	26.084	16.910
59.454	4277.613	5059.425	2.743
3.440	233.775	1.001	14.772
12/12/2016 5:30:00 PM	415800.000	26.075	16.909
59.433	4276.596	5058.303	2.742
3.440	233.831	1.001	14.777
12/12/2016 5:45:00 PM	416700.000	26.086	16.910
59.458	4277.291	5059.035	2.743
3.440	233.793	1.001	14.773
12/12/2016 6:00:00 PM	417600.000	26.074	16.909
59.432	4276.443	5058.101	2.742
3.440	233.839	1.001	14.779
12/12/2016 6:15:00 PM	418500.000	26.076	16.909
59.435	4277.422	5059.270	2.743
3.440	233.786	1.001	14.780
12/12/2016 6:30:00 PM	419400.000	26.080	16.909
59.444	4278.199	5060.199	2.743
3.441	233.743	1.001	14.775
12/12/2016 6:45:00 PM	420300.000	26.086	16.909
59.459	4276.030	5057.613	2.742
3.439	233.862	1.001	14.772
12/12/2016 7:00:00 PM	421200.000	26.086	16.910
59.458	4276.102	5057.637	2.742
3.439	233.858	1.001	14.772
12/12/2016 7:15:00 PM	422100.000	26.083	16.909
59.451	4274.768	5056.079	2.741
3.438	233.931	1.001	14.779
12/12/2016 7:30:00 PM	423000.000	26.076	16.909
59.436	4276.300	5057.942	2.742
3.439	233.847	1.001	14.779
12/12/2016 7:45:00 PM	423900.000	26.083	16.910
59.451	4276.456	5058.067	2.742
3.439	233.839	1.001	14.775
12/12/2016 8:00:00 PM	424800.000	26.083	16.909
59.451	4276.557	5058.286	2.742
3.440	233.833	1.001	14.778
12/12/2016 8:15:00 PM	425700.000	26.079	16.909
59.442	4276.365	5057.989	2.742
3.439	233.843	1.001	14.776
12/12/2016 8:30:00 PM	426600.000	26.079	16.910
59.443	4275.742	5057.203	2.742
3.439	233.878	1.001	14.771
12/12/2016 8:45:00 PM	427500.000	26.085	16.910
59.455	4275.997	5057.504	2.742
3.439	233.864	1.001	14.771
12/12/2016 9:00:00 PM	428400.000	26.079	16.909
59.443	4274.663	5055.976	2.741
3.438	233.937	1.001	14.779
12/12/2016 9:15:00 PM	429300.000	26.073	16.910
59.429	4275.292	5056.659	2.741
3.439	233.902	1.001	14.780
12/12/2016 9:30:00 PM	430200.000	26.084	16.909
59.454	4275.868	5057.441	2.742

3.439	233.871	1.001	14.775
12/12/2016 9:45:00 PM	431100.000	26.084	16.909
59.453	4275.023	5056.432	2.741
3.438	233.917	1.001	14.780
12/12/2016 10:00:00 PM	432000.000	26.077	16.910
59.439	4273.518	5054.532	2.740
3.437	233.999	1.001	14.781
12/12/2016 10:15:00 PM	432900.000	26.075	16.909
59.432	4273.442	5054.511	2.740
3.437	234.003	1.001	14.786
12/12/2016 10:30:00 PM	433800.000	26.086	16.909
59.458	4272.945	5053.954	2.740
3.437	234.031	1.001	14.775
12/12/2016 10:45:00 PM	434700.000	26.078	16.909
59.440	4274.346	5055.591	2.741
3.438	233.954	1.001	14.780
12/12/2016 11:00:00 PM	435600.000	26.077	16.909
59.438	4274.119	5055.312	2.740
3.438	233.966	1.001	14.782
12/12/2016 11:15:00 PM	436500.000	26.073	16.910
59.428	4274.126	5055.272	2.740
3.438	233.966	1.001	14.786
12/12/2016 11:30:00 PM	437400.000	26.088	16.909
59.462	4273.778	5054.908	2.740
3.437	233.985	1.001	14.772
12/12/2016 11:45:00 PM	438300.000	26.081	16.910
59.446	4274.928	5056.200	2.741
3.438	233.922	1.001	14.778
12/13/2016 12:00:00 AM	439200.000	26.077	16.909
59.438	4275.056	5056.431	2.741
3.438	233.915	1.001	14.786
12/13/2016 12:15:00 AM	440100.000	26.087	16.909
59.459	4273.856	5055.012	2.740
3.437	233.981	1.001	14.777
12/13/2016 12:30:00 AM	441000.000	26.081	16.909
59.446	4274.219	5055.450	2.741
3.438	233.961	1.001	14.784
12/13/2016 12:45:00 AM	441900.000	26.076	16.910
59.435	4274.040	5055.178	2.740
3.438	233.971	1.001	14.780
12/13/2016 1:00:00 AM	442800.000	26.079	16.910
59.442	4273.563	5054.635	2.740
3.437	233.997	1.001	14.777
12/13/2016 1:15:00 AM	443700.000	26.084	16.909
59.453	4272.980	5054.026	2.740
3.437	234.029	1.001	14.779
12/13/2016 1:30:00 AM	444600.000	26.079	16.910
59.442	4273.827	5054.897	2.740
3.437	233.982	1.001	14.782
12/13/2016 1:45:00 AM	445500.000	26.080	16.909
59.444	4274.937	5056.319	2.741
3.438	233.922	1.001	14.786
12/13/2016 2:00:00 AM	446400.000	26.076	16.910
59.436	4274.452	5055.646	2.741
3.438	233.948	1.001	14.789

12/13/2016 2:15:00 AM	447300.000	26.081	16.911
59.447	4274.377	5055.487	2.741
3.438	233.952	1.001	14.784
12/13/2016 2:30:00 AM	448200.000	26.079	16.910
59.442	4273.685	5054.729	2.740
3.437	233.990	1.001	14.786
12/13/2016 2:45:00 AM	449100.000	26.076	16.910
59.435	4274.080	5055.165	2.740
3.438	233.969	1.001	14.787
12/13/2016 3:00:00 AM	450000.000	26.081	16.910
59.448	4272.897	5053.858	2.740
3.437	234.033	1.001	14.790
12/13/2016 3:15:00 AM	450900.000	26.081	16.910
59.446	4273.030	5053.976	2.740
3.437	234.026	1.001	14.786
12/13/2016 3:30:00 AM	451800.000	26.083	16.910
59.451	4273.387	5054.386	2.740
3.437	234.006	1.001	14.783
12/13/2016 3:45:00 AM	452700.000	26.082	16.910
59.448	4272.429	5053.252	2.739
3.436	234.059	1.001	14.780
12/13/2016 4:00:00 AM	453600.000	26.081	16.909
59.447	4273.885	5055.055	2.740
3.437	233.979	1.001	14.780
12/13/2016 4:15:00 AM	454500.000	26.080	16.910
59.445	4273.623	5054.696	2.740
3.437	233.994	1.001	14.780
12/13/2016 4:30:00 AM	455400.000	26.088	16.910
59.462	4272.904	5053.795	2.740
3.437	234.033	1.001	14.774
12/13/2016 4:45:00 AM	456300.000	26.082	16.910
59.448	4275.075	5056.402	2.741
3.438	233.914	1.001	14.777
12/13/2016 5:00:00 AM	457200.000	26.084	16.910
59.452	4275.454	5056.882	2.741
3.439	233.893	1.001	14.775
12/13/2016 5:15:00 AM	458100.000	26.084	16.910
59.453	4274.431	5055.601	2.741
3.438	233.949	1.001	14.776
12/13/2016 5:30:00 AM	459000.000	26.085	16.909
59.456	4275.071	5056.478	2.741
3.438	233.914	1.001	14.776
12/13/2016 5:45:00 AM	459900.000	26.084	16.909
59.454	4276.462	5058.114	2.742
3.440	233.838	1.001	14.773
12/13/2016 6:00:00 AM	460800.000	26.079	16.910
59.442	4276.421	5057.995	2.742
3.439	233.840	1.001	14.779
12/13/2016 6:15:00 AM	461700.000	26.080	16.910
59.445	4277.061	5058.743	2.742
3.440	233.805	1.001	14.777
12/13/2016 6:30:00 AM	462600.000	26.082	16.910
59.449	4275.758	5057.190	2.742
3.439	233.877	1.001	14.784
12/13/2016 6:45:00 AM	463500.000	26.081	16.910

59.447	4275.709	5057.145	2.741
3.439	233.879	1.001	14.781
12/13/2016 7:00:00 AM	464400.000	26.092	16.910
59.472	4274.369	5055.559	2.741
3.438	233.953	1.001	14.785
12/13/2016 7:15:00 AM	465300.000	26.080	16.909
59.445	4273.606	5054.725	2.740
3.437	233.994	1.001	14.786
12/13/2016 7:30:00 AM	466200.000	26.082	16.910
59.449	4274.107	5055.277	2.740
3.438	233.967	1.001	14.782
12/13/2016 7:45:00 AM	467100.000	26.081	16.910
59.446	4275.070	5056.408	2.741
3.438	233.914	1.001	14.790
12/13/2016 8:00:00 AM	468000.000	26.086	16.910
59.459	4273.477	5054.533	2.740
3.437	234.001	1.001	14.791
12/13/2016 8:15:00 AM	468900.000	26.080	16.910
59.443	4273.450	5054.512	2.740
3.437	234.003	1.001	14.794
12/13/2016 8:30:00 AM	469800.000	26.084	16.910
59.453	4274.482	5055.672	2.741
3.438	233.946	1.001	14.795
12/13/2016 8:45:00 AM	470700.000	26.074	16.910
59.431	4273.061	5054.020	2.740
3.437	234.024	1.001	14.812
12/13/2016 9:00:00 AM	471600.000	26.080	16.910
59.444	4274.627	5055.853	2.741
3.438	233.939	1.001	14.798
12/13/2016 9:15:00 AM	472500.000	26.082	16.911
59.449	4273.380	5054.298	2.740
3.437	234.007	1.001	14.809
12/13/2016 9:30:00 AM	473400.000	26.080	16.910
59.444	4272.656	5053.501	2.739
3.436	234.046	1.001	14.810
12/13/2016 9:45:00 AM	474300.000	26.084	16.911
59.452	4271.967	5052.646	2.739
3.436	234.084	1.001	14.804
12/13/2016 10:00:00 AM	475200.000	26.080	16.911
59.445	4271.183	5051.709	2.738
3.435	234.127	1.001	14.811
12/13/2016 10:15:00 AM	476100.000	26.083	16.910
59.451	4270.798	5051.295	2.738
3.435	234.148	1.001	14.811
12/13/2016 10:30:00 AM	477000.000	26.081	16.911
59.448	4271.103	5051.625	2.738
3.435	234.132	1.001	14.807
12/13/2016 10:45:00 AM	477900.000	26.076	16.910
59.435	4270.755	5051.223	2.738
3.435	234.151	1.001	14.813
12/13/2016 11:00:00 AM	478800.000	26.075	16.910
59.434	4271.163	5051.715	2.738
3.435	234.128	1.001	14.810
12/13/2016 11:15:00 AM	479700.000	26.083	16.911
59.451	4271.465	5052.023	2.739

3.435	234.112	1.001	14.803
12/13/2016 11:30:00 AM	480600.000	26.082	16.910
59.448	4271.196	5051.807	2.738
3.435	234.126	1.001	14.803
12/13/2016 11:45:00 AM	481500.000	26.087	16.910
59.460	4272.441	5053.228	2.739
3.436	234.058	1.001	14.796
12/13/2016 12:00:00 PM	482400.000	26.083	16.911
59.450	4273.025	5053.889	2.740
3.437	234.026	1.001	14.797
12/13/2016 12:15:00 PM	483300.000	26.085	16.911
59.456	4273.424	5054.370	2.740
3.437	234.004	1.001	14.790
12/13/2016 12:30:00 PM	484200.000	26.089	16.910
59.465	4273.143	5054.047	2.740
3.437	234.020	1.001	14.783
12/13/2016 12:45:00 PM	485100.000	26.094	16.910
59.475	4273.661	5054.681	2.740
3.437	233.991	1.001	14.782
12/13/2016 1:00:00 PM	486000.000	26.091	16.910
59.468	4274.055	5055.207	2.740
3.438	233.970	1.001	14.779
12/13/2016 1:15:00 PM	486900.000	26.091	16.910
59.469	4276.243	5057.764	2.742
3.439	233.850	1.001	14.778
12/13/2016 1:30:00 PM	487800.000	26.086	16.910
59.458	4275.717	5057.142	2.741
3.439	233.879	1.001	14.780
12/13/2016 1:45:00 PM	488700.000	26.095	16.910
59.479	4276.856	5058.529	2.742
3.440	233.817	1.001	14.770
12/13/2016 2:00:00 PM	489600.000	26.096	16.910
59.482	4276.508	5058.048	2.742
3.439	233.836	1.001	14.766
12/13/2016 2:15:00 PM	490500.000	26.087	16.910
59.459	4277.906	5059.771	2.743
3.441	233.759	1.001	14.780
12/13/2016 2:30:00 PM	491400.000	26.085	16.909
59.455	4277.979	5059.897	2.743
3.441	233.755	1.001	14.778
12/13/2016 2:45:00 PM	492300.000	26.085	16.910
59.455	4277.834	5059.658	2.743
3.441	233.763	1.001	14.777
12/13/2016 3:00:00 PM	493200.000	26.084	16.910
59.454	4277.309	5059.016	2.743
3.440	233.792	1.001	14.776
12/13/2016 3:15:00 PM	494100.000	26.095	16.909
59.479	4277.847	5059.742	2.743
3.441	233.762	1.001	14.770
12/13/2016 3:30:00 PM	495000.000	26.092	16.910
59.471	4276.148	5057.684	2.742
3.439	233.855	1.001	14.769
12/13/2016 3:45:00 PM	495900.000	26.083	16.910
59.452	4276.772	5058.361	2.742
3.440	233.821	1.001	14.773

12/13/2016 4:00:00 PM	496800.000	26.090	16.909
59.468	4277.513	5059.326	2.743
3.440	233.781	1.001	14.771
12/13/2016 4:15:00 PM	497700.000	26.084	16.910
59.452	4278.095	5060.005	2.743
3.441	233.749	1.001	14.771
12/13/2016 4:30:00 PM	498600.000	26.088	16.910
59.464	4278.771	5060.755	2.744
3.441	233.712	1.001	14.769
12/13/2016 4:45:00 PM	499500.000	26.091	16.910
59.469	4277.125	5058.778	2.742
3.440	233.802	1.001	14.767
12/13/2016 5:00:00 PM	500400.000	26.093	16.909
59.474	4277.690	5059.546	2.743
3.440	233.771	1.001	14.766
12/13/2016 5:15:00 PM	501300.000	26.088	16.909
59.463	4277.506	5059.329	2.743
3.440	233.781	1.001	14.767
12/13/2016 5:30:00 PM	502200.000	26.094	16.910
59.477	4276.078	5057.580	2.742
3.439	233.859	1.001	14.761
12/13/2016 5:45:00 PM	503100.000	26.082	16.911
59.449	4276.151	5057.595	2.742
3.439	233.855	1.001	14.774
12/13/2016 6:00:00 PM	504000.000	26.086	16.910
59.458	4275.136	5056.455	2.741
3.438	233.911	1.001	14.771
12/13/2016 6:15:00 PM	504900.000	26.086	16.910
59.458	4276.476	5058.051	2.742
3.439	233.837	1.001	14.772
12/13/2016 6:30:00 PM	505800.000	26.084	16.910
59.454	4276.134	5057.647	2.742
3.439	233.856	1.001	14.775
12/13/2016 6:45:00 PM	506700.000	26.088	16.910
59.462	4275.413	5056.813	2.741
3.439	233.896	1.001	14.774
12/13/2016 7:00:00 PM	507600.000	26.085	16.910
59.456	4275.203	5056.494	2.741
3.438	233.907	1.001	14.774
12/13/2016 7:15:00 PM	508500.000	26.088	16.910
59.463	4275.649	5057.012	2.741
3.439	233.883	1.001	14.775
12/13/2016 7:30:00 PM	509400.000	26.089	16.910
59.466	4275.188	5056.567	2.741
3.438	233.908	1.001	14.768
12/13/2016 7:45:00 PM	510300.000	26.090	16.910
59.467	4274.729	5055.944	2.741
3.438	233.933	1.001	14.773
12/13/2016 8:00:00 PM	511200.000	26.083	16.910
59.452	4275.084	5056.344	2.741
3.438	233.914	1.001	14.777
12/13/2016 8:15:00 PM	512100.000	26.084	16.910
59.453	4275.391	5056.808	2.741
3.439	233.897	1.001	14.777
12/13/2016 8:30:00 PM	513000.000	26.084	16.910

59.454	4274.675	5055.960	2.741
3.438	233.936	1.001	14.777
12/13/2016 8:45:00 PM	513900.000	26.091	16.910
59.469	4274.625	5055.800	2.741
3.438	233.939	1.001	14.776
12/13/2016 9:00:00 PM	514800.000	26.083	16.910
59.451	4274.225	5055.388	2.740
3.438	233.961	1.001	14.781
12/13/2016 9:15:00 PM	515700.000	26.085	16.910
59.456	4274.533	5055.752	2.741
3.438	233.944	1.001	14.776
12/13/2016 9:30:00 PM	516600.000	26.089	16.910
59.465	4273.941	5055.021	2.740
3.437	233.976	1.001	14.777
12/13/2016 9:45:00 PM	517500.000	26.088	16.911
59.464	4274.018	5055.052	2.740
3.437	233.972	1.001	14.779
12/13/2016 10:00:00 PM	518400.000	26.090	16.911
59.467	4273.652	5054.599	2.740
3.437	233.992	1.001	14.780
12/13/2016 10:15:00 PM	519300.000	26.073	16.911
59.429	4273.096	5053.961	2.740
3.437	234.022	1.001	14.793
12/13/2016 10:30:00 PM	520200.000	26.081	16.911
59.446	4273.084	5053.938	2.740
3.437	234.023	1.001	14.786
12/13/2016 10:45:00 PM	521100.000	26.078	16.910
59.440	4273.174	5054.115	2.740
3.437	234.018	1.001	14.793
12/13/2016 11:00:00 PM	522000.000	26.085	16.911
59.456	4272.531	5053.244	2.739
3.436	234.053	1.001	14.785
12/13/2016 11:15:00 PM	522900.000	26.094	16.911
59.476	4271.722	5052.307	2.739
3.436	234.098	1.001	14.777
12/13/2016 11:30:00 PM	523800.000	26.091	16.911
59.469	4273.022	5053.865	2.740
3.437	234.026	1.001	14.785
12/13/2016 11:45:00 PM	524700.000	26.089	16.911
59.465	4271.371	5051.892	2.738
3.435	234.117	1.001	14.778
12/14/2016 12:00:00 AM	525600.000	26.082	16.910
59.449	4271.775	5052.430	2.739
3.436	234.095	1.001	14.787
12/14/2016 12:15:00 AM	526500.000	26.083	16.911
59.451	4271.095	5051.565	2.738
3.435	234.132	1.001	14.782
12/14/2016 12:30:00 AM	527400.000	26.086	16.911
59.459	4271.823	5052.406	2.739
3.436	234.092	1.001	14.784
12/14/2016 12:45:00 AM	528300.000	26.079	16.911
59.442	4272.927	5053.772	2.740
3.437	234.032	1.001	14.783
12/14/2016 1:00:00 AM	529200.000	26.088	16.911
59.464	4273.804	5054.799	2.740

3.437	233.984	1.001	14.776
12/14/2016 1:15:00 AM	530100.000	26.097	16.910
59.483	4273.115	5054.036	2.740
3.437	234.021	1.001	14.767
12/14/2016 1:30:00 AM	531000.000	26.088	16.911
59.462	4273.338	5054.249	2.740
3.437	234.009	1.001	14.775
12/14/2016 1:45:00 AM	531900.000	26.092	16.910
59.471	4273.583	5054.609	2.740
3.437	233.996	1.001	14.770
12/14/2016 2:00:00 AM	532800.000	26.088	16.910
59.462	4274.441	5055.633	2.741
3.438	233.949	1.001	14.776
12/14/2016 2:15:00 AM	533700.000	26.082	16.910
59.450	4274.489	5055.640	2.741
3.438	233.946	1.001	14.779
12/14/2016 2:30:00 AM	534600.000	26.088	16.910
59.462	4274.738	5055.934	2.741
3.438	233.932	1.001	14.779
12/14/2016 2:45:00 AM	535500.000	26.084	16.910
59.454	4274.370	5055.528	2.741
3.438	233.953	1.001	14.780
12/14/2016 3:00:00 AM	536400.000	26.084	16.910
59.453	4274.533	5055.722	2.741
3.438	233.944	1.001	14.779
12/14/2016 3:15:00 AM	537300.000	26.086	16.910
59.459	4275.221	5056.555	2.741
3.438	233.906	1.001	14.779
12/14/2016 3:30:00 AM	538200.000	26.084	16.910
59.453	4274.199	5055.357	2.740
3.438	233.962	1.001	14.783
12/14/2016 3:45:00 AM	539100.000	26.084	16.910
59.455	4274.848	5056.064	2.741
3.438	233.926	1.001	14.778
12/14/2016 4:00:00 AM	540000.000	26.095	16.911
59.478	4274.722	5055.875	2.741
3.438	233.933	1.001	14.767
12/14/2016 4:15:00 AM	540900.000	26.091	16.910
59.468	4274.075	5055.180	2.740
3.438	233.969	1.001	14.767
12/14/2016 4:30:00 AM	541800.000	26.093	16.910
59.474	4274.309	5055.448	2.741
3.438	233.956	1.001	14.763
12/14/2016 4:45:00 AM	542700.000	26.100	16.910
59.490	4274.331	5055.493	2.741
3.438	233.955	1.001	14.755
12/14/2016 5:00:00 AM	543600.000	26.096	16.910
59.480	4274.784	5055.988	2.741
3.438	233.930	1.001	14.757
12/14/2016 5:15:00 AM	544500.000	26.090	16.910
59.468	4274.634	5055.873	2.741
3.438	233.938	1.001	14.763
12/14/2016 5:30:00 AM	545400.000	26.098	16.909
59.485	4275.081	5056.449	2.741
3.438	233.914	1.001	14.758

12/14/2016 5:45:00 AM	546300.000	26.096	16.910
59.480	4276.039	5057.473	2.742
3.439	233.861	1.001	14.762
12/14/2016 6:00:00 AM	547200.000	26.087	16.910
59.460	4276.729	5058.310	2.742
3.440	233.824	1.001	14.763
12/14/2016 6:15:00 AM	548100.000	26.093	16.910
59.473	4276.043	5057.560	2.742
3.439	233.861	1.001	14.760
12/14/2016 6:30:00 AM	549000.000	26.098	16.910
59.484	4276.262	5057.827	2.742
3.439	233.849	1.001	14.759
12/14/2016 6:45:00 AM	549900.000	26.088	16.910
59.462	4275.105	5056.449	2.741
3.438	233.912	1.001	14.764
12/14/2016 7:00:00 AM	550800.000	26.087	16.911
59.459	4275.062	5056.307	2.741
3.438	233.915	1.001	14.765
12/14/2016 7:15:00 AM	551700.000	26.087	16.910
59.460	4275.694	5057.167	2.742
3.439	233.880	1.001	14.769
12/14/2016 7:30:00 AM	552600.000	26.093	16.910
59.475	4275.952	5057.471	2.742
3.439	233.866	1.001	14.760
12/14/2016 7:45:00 AM	553500.000	26.095	16.910
59.479	4274.673	5055.908	2.741
3.438	233.936	1.001	14.759
12/14/2016 8:00:00 AM	554400.000	26.098	16.910
59.484	4275.352	5056.690	2.741
3.439	233.899	1.001	14.755
12/14/2016 8:15:00 AM	555300.000	26.096	16.910
59.482	4275.415	5056.805	2.741
3.439	233.895	1.001	14.761
12/14/2016 8:30:00 AM	556200.000	26.090	16.910
59.467	4274.529	5055.768	2.741
3.438	233.944	1.001	14.764
12/14/2016 8:45:00 AM	557100.000	26.091	16.910
59.469	4274.928	5056.180	2.741
3.438	233.922	1.001	14.761
12/14/2016 9:00:00 AM	558000.000	26.101	16.910
59.492	4275.559	5056.986	2.741
3.439	233.888	1.001	14.757
12/14/2016 9:15:00 AM	558900.000	26.081	16.911
59.446	4274.772	5055.924	2.741
3.438	233.931	1.001	14.777
12/14/2016 9:30:00 AM	559800.000	26.086	16.910
59.458	4274.000	5055.062	2.740
3.437	233.973	1.001	14.773
12/14/2016 9:45:00 AM	560700.000	26.085	16.910
59.456	4274.179	5055.323	2.740
3.438	233.963	1.001	14.775
12/14/2016 10:00:00 AM	561600.000	26.092	16.910
59.472	4274.196	5055.334	2.740
3.438	233.962	1.001	14.770
12/14/2016 10:15:00 AM	562500.000	26.085	16.910

59.456	4273.362	5054.377	2.740
3.437	234.008	1.001	14.773
12/14/2016 10:30:00 AM	563400.000	26.093	16.910
59.474	4273.520	5054.563	2.740
3.437	233.999	1.001	14.769
12/14/2016 10:45:00 AM	564300.000	26.087	16.910
59.459	4273.616	5054.628	2.740
3.437	233.994	1.001	14.774
12/14/2016 11:00:00 AM	565200.000	26.091	16.910
59.469	4272.588	5053.432	2.739
3.436	234.050	1.001	14.769
12/14/2016 11:15:00 AM	566100.000	26.089	16.910
59.464	4272.868	5053.731	2.740
3.437	234.035	1.001	14.768
12/14/2016 11:30:00 AM	567000.000	26.090	16.911
59.467	4272.741	5053.472	2.739
3.436	234.042	1.001	14.768
12/14/2016 11:45:00 AM	567900.000	26.088	16.910
59.462	4273.062	5053.982	2.740
3.437	234.024	1.001	14.766
12/14/2016 12:00:00 PM	568800.000	26.096	16.911
59.482	4273.178	5054.029	2.740
3.437	234.018	1.001	14.756
12/14/2016 12:15:00 PM	569700.000	26.097	16.910
59.482	4273.734	5054.776	2.740
3.437	233.987	1.001	14.757
12/14/2016 12:30:00 PM	570600.000	26.106	16.910
59.504	4274.513	5055.667	2.741
3.438	233.945	1.001	14.749
12/14/2016 12:45:00 PM	571500.000	26.096	16.911
59.480	4275.000	5056.233	2.741
3.438	233.918	1.001	14.750
12/14/2016 1:00:00 PM	572400.000	26.100	16.910
59.490	4275.182	5056.520	2.741
3.438	233.908	1.001	14.750
12/14/2016 1:15:00 PM	573300.000	26.094	16.911
59.477	4275.242	5056.510	2.741
3.438	233.905	1.001	14.751
12/14/2016 1:30:00 PM	574200.000	26.095	16.911
59.478	4276.122	5057.560	2.742
3.439	233.857	1.001	14.750
12/14/2016 1:45:00 PM	575100.000	26.097	16.909
59.482	4275.932	5057.456	2.742
3.439	233.867	1.001	14.747
12/14/2016 2:00:00 PM	576000.000	26.099	16.910
59.488	4276.663	5058.280	2.742
3.440	233.827	1.001	14.742
12/14/2016 2:15:00 PM	576900.000	26.098	16.910
59.486	4277.122	5058.775	2.742
3.440	233.802	1.001	14.743
12/14/2016 2:30:00 PM	577800.000	26.091	16.910
59.469	4277.591	5059.370	2.743
3.440	233.776	1.001	14.747
12/14/2016 2:45:00 PM	578700.000	26.097	16.910
59.483	4277.557	5059.309	2.743

3.440	233.778	1.001	14.740
12/14/2016 3:00:00 PM	579600.000	26.087	16.911
59.460	4278.021	5059.807	2.743
3.441	233.753	1.001	14.747
12/14/2016 3:15:00 PM	580500.000	26.105	16.910
59.500	4278.197	5060.086	2.743
3.441	233.743	1.001	14.736
12/14/2016 3:30:00 PM	581400.000	26.093	16.910
59.473	4277.378	5059.158	2.743
3.440	233.788	1.001	14.742
12/14/2016 3:45:00 PM	582300.000	26.095	16.910
59.478	4277.560	5059.333	2.743
3.440	233.778	1.001	14.736
12/14/2016 4:00:00 PM	583200.000	26.101	16.910
59.492	4278.453	5060.369	2.743
3.441	233.729	1.001	14.731
12/14/2016 4:15:00 PM	584100.000	26.092	16.910
59.472	4277.384	5059.125	2.743
3.440	233.788	1.001	14.744
12/14/2016 4:30:00 PM	585000.000	26.098	16.910
59.484	4277.963	5059.850	2.743
3.441	233.756	1.001	14.739
12/14/2016 4:45:00 PM	585900.000	26.098	16.910
59.486	4277.721	5059.543	2.743
3.440	233.769	1.001	14.736
12/14/2016 5:00:00 PM	586800.000	26.100	16.910
59.489	4278.700	5060.722	2.744
3.441	233.716	1.001	14.738
12/14/2016 5:15:00 PM	587700.000	26.091	16.910
59.470	4277.959	5059.744	2.743
3.441	233.756	1.001	14.740
12/14/2016 5:30:00 PM	588600.000	26.094	16.910
59.475	4277.348	5059.063	2.743
3.440	233.790	1.001	14.740
12/14/2016 5:45:00 PM	589500.000	26.097	16.910
59.483	4277.908	5059.753	2.743
3.441	233.759	1.001	14.738
12/14/2016 6:00:00 PM	590400.000	26.097	16.910
59.482	4277.096	5058.753	2.742
3.440	233.803	1.001	14.741
12/14/2016 6:15:00 PM	591300.000	26.092	16.910
59.471	4276.338	5057.877	2.742
3.439	233.845	1.001	14.739
12/14/2016 6:30:00 PM	592200.000	26.095	16.910
59.479	4276.253	5057.726	2.742
3.439	233.850	1.001	14.737
12/14/2016 6:45:00 PM	593100.000	26.102	16.910
59.494	4275.419	5056.761	2.741
3.439	233.895	1.001	14.737
12/14/2016 7:00:00 PM	594000.000	26.099	16.910
59.489	4275.440	5056.785	2.741
3.439	233.894	1.001	14.736
12/14/2016 7:15:00 PM	594900.000	26.097	16.910
59.483	4275.681	5057.099	2.741
3.439	233.881	1.001	14.742

12/14/2016 7:30:00 PM	595800.000	26.101	16.910
59.491	4276.232	5057.731	2.742
3.439	233.851	1.001	14.732
12/14/2016 7:45:00 PM	596700.000	26.096	16.910
59.481	4275.044	5056.306	2.741
3.438	233.916	1.001	14.733
12/14/2016 8:00:00 PM	597600.000	26.099	16.910
59.487	4274.833	5056.057	2.741
3.438	233.927	1.001	14.730
12/14/2016 8:15:00 PM	598500.000	26.099	16.910
59.488	4274.829	5056.123	2.741
3.438	233.928	1.001	14.730
12/14/2016 8:30:00 PM	599400.000	26.096	16.911
59.480	4274.779	5055.962	2.741
3.438	233.930	1.001	14.735
12/14/2016 8:45:00 PM	600300.000	26.098	16.911
59.486	4274.911	5056.128	2.741
3.438	233.923	1.001	14.736
12/14/2016 9:00:00 PM	601200.000	26.089	16.911
59.466	4275.215	5056.468	2.741
3.438	233.906	1.001	14.746
12/14/2016 9:15:00 PM	602100.000	26.098	16.911
59.486	4274.918	5056.137	2.741
3.438	233.923	1.001	14.743
12/14/2016 9:30:00 PM	603000.000	26.092	16.910
59.471	4274.043	5055.173	2.740
3.438	233.971	1.001	14.743
12/14/2016 9:45:00 PM	603900.000	26.093	16.911
59.474	4273.468	5054.342	2.740
3.437	234.002	1.001	14.743
12/14/2016 10:00:00 PM	604800.000	26.094	16.910
59.475	4273.463	5054.436	2.740
3.437	234.002	1.001	14.744
12/14/2016 10:15:00 PM	605700.000	26.091	16.911
59.470	4273.012	5053.843	2.740
3.437	234.027	1.001	14.744
12/14/2016 10:30:00 PM	606600.000	26.097	16.911
59.483	4272.790	5053.610	2.739
3.436	234.039	1.001	14.738
12/14/2016 10:45:00 PM	607500.000	26.090	16.911
59.466	4272.518	5053.208	2.739
3.436	234.054	1.001	14.745
12/14/2016 11:00:00 PM	608400.000	26.091	16.911
59.468	4272.177	5052.866	2.739
3.436	234.073	1.001	14.742
12/14/2016 11:15:00 PM	609300.000	26.086	16.911
59.458	4272.136	5052.768	2.739
3.436	234.075	1.001	14.742
12/14/2016 11:30:00 PM	610200.000	26.096	16.910
59.481	4272.763	5053.608	2.739
3.436	234.041	1.001	14.741
12/14/2016 11:45:00 PM	611100.000	26.091	16.911
59.470	4272.383	5053.098	2.739
3.436	234.061	1.001	14.744

Report Date: 12/19/2016 10:28:27 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP CEMEX Dredge Pond_2016-12-15_11-09-03-560-BaroMerge.wsl
Create Date: 12/19/2016 10:15:32 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/13/2016 6:06:28 PM	Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/13/2016 7:44:56 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/14/2016 8:35:09 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: ELinden Interval - Start Time: 7/13/2016 5:30:00 PM Stop Time: 7/14/2016 9:30:00 PM
7/21/2016 6:41:39 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper
7/28/2016 8:17:04 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 8:15:00 PM
8/4/2016 6:44:30 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:00:00 PM
8/11/2016 5:53:17 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:15:00 PM
8/18/2016 5:54:34 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 6:00:00 PM
8/25/2016 8:12:17 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 7:15:00 PM
9/1/2016 12:38:22 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: skuiper Interval - Start Time: 7/31/2016 10:00:00 PM Stop Time: 9/1/2016 1:30:00 PM
9/8/2016 7:20:33 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time: 8/31/2016 10:00:00 PM Stop Time: 9/8/2016 8:00:00 PM
9/15/2016 8:44:54 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 9:15:00 PM
9/22/2016 6:22:27 PM	Log Download - Used Battery: 5% Used Memory: 6% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 6:15:00 PM
10/2/2016 9:10:10 AM	Log Download - Used Battery: 5% Used Memory: 7% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 10:00:00 AM
10/7/2016 7:49:16 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 9/28/2016 8:00:00 AM Stop Time: 10/7/2016 8:15:00 PM
10/13/2016 7:10:42 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 8:29:45 PM
10/20/2016 6:49:08 PM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/12/2016 10:00:00 PM Stop Time: 10/20/2016 6:45:00 PM
10/27/2016 9:12:34 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 8:30:00 PM
10/27/2016 9:15:47 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: SKuiper Interval - Start Time: 10/19/2016 10:00:00 PM Stop Time: 10/27/2016 9:00:00 AM
11/3/2016 12:06:10 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM
11/3/2016 12:08:19 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 12:00:00 PM
11/3/2016 12:19:38 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 11/3/2016 1:00:00 PM
12/1/2016 1:33:32 PM	Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval - Start Time: 9/30/2016 10:00:00 PM Stop Time: 12/1/2016 2:15:00 PM
12/8/2016 4:22:43 PM	Log Download - Used Battery: 8% Used Memory: 10% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 5:00:00 PM
12/15/2016 11:08:37 AM	Log Download - Used Battery: 8% Used Memory: 10% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 11:45:00 AM
12/19/2016 10:15:32 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_2016-12-15_16-32-08-361.wsl""

Log Data:
Record Count: 363
Sensors: 2
1 - 451585: PCTD 30 PSIA (10.9m/35.8ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Standard Time

	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc
	SN#: 451585	SN#: 451585	SN#: 451585	SN#: 451585	SN#: 451585
SN#: 451585	SN#: 451585	SN#: 451585	SN#: 451585	SN#: 000000	

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS/cm)	Specific Conductivity (µS/cm)	Salinity (PSU)	Total Dissolved Solids (ppt)	Water Density (g/cm3)	Resistivity (ohm-cm)	Barometric Pressure (PSI)
12/8/2016 12:00:00 AM	7200.000	7.810	11.410	17.592	37748.313	50982.133	33.141	34.668	1.025	26.491	14.776
12/8/2016 12:30:00 AM	9000.000	7.790	11.408	17.548	35247.848	47607.164	30.712	32.373	1.023	28.371	14.783
12/8/2016 1:00:00 AM	10800.000	7.786	11.406	17.539	37739.297	50974.965	33.136	34.663	1.025	26.498	14.774
12/8/2016 1:30:00 AM	12600.000	7.776	11.403	17.516	35153.656	47486.266	30.624	32.291	1.023	28.447	14.771
12/8/2016 2:00:00 AM	14400.000	7.771	11.400	17.505	37755.566	51004.449	33.156	34.683	1.025	26.486	14.768
12/8/2016 2:30:00 AM	16200.000	7.756	11.398	17.471	35277.395	47659.332	30.748	32.408	1.023	28.347	14.772
12/8/2016 3:00:00 AM	18000.000	7.749	11.395	17.456	37700.262	50935.934	33.106	34.636	1.025	26.525	14.765
12/8/2016 3:30:00 AM	19800.000	7.739	11.393	17.432	35343.426	47754.793	30.816	32.473	1.023	28.294	14.761
12/8/2016 4:00:00 AM	21600.000	7.730	11.390	17.412	37738.898	50995.656	33.149	34.677	1.025	26.498	14.767
12/8/2016 4:30:00 AM	23400.000	7.730	11.387	17.412	35487.949	47957.801	30.961	32.611	1.024	28.179	14.760
12/8/2016 5:00:00 AM	25200.000	7.718	11.383	17.385	37663.227	50901.734	33.080	34.613	1.025	26.551	14.762
12/8/2016 5:30:00 AM	27000.000	7.707	11.380	17.362	35769.020	48346.344	31.238	32.876	1.024	27.957	14.769
12/8/2016 6:00:00 AM	28800.000	7.707	11.376	17.361	37677.730	50931.445	33.101	34.633	1.025	26.541	14.770
12/8/2016 6:30:00 AM	30600.000	7.698	11.371	17.340	35997.313	48665.043	31.466	33.092	1.024	27.780	14.779
12/8/2016 7:00:00 AM	32400.000	7.699	11.368	17.342	37669.508	50930.113	33.099	34.632	1.025	26.547	14.778
12/8/2016 7:30:00 AM	34200.000	7.700	11.365	17.345	36162.180	48896.395	31.632	33.250	1.024	27.653	14.773
12/8/2016 8:00:00 AM	36000.000	7.695	11.361	17.334	37610.414	50860.105	33.047	34.585	1.025	26.588	14.783
12/8/2016 8:30:00 AM	37800.000	7.699	11.357	17.342	36392.719	49218.270	31.863	33.468	1.024	27.478	14.787
12/8/2016 9:00:00 AM	39600.000	7.693	11.354	17.329	37609.012	50867.238	33.052	34.590	1.025	26.589	14.795
12/8/2016 9:30:00 AM	41400.000	7.704	11.350	17.353	36569.836	49466.133	32.040	33.637	1.024	27.345	14.798
12/8/2016 10:00:00 AM	43200.000	7.678	11.346	17.295	37598.723	50863.219	33.048	34.587	1.025	26.597	14.814
12/8/2016 10:30:00 AM	45000.000	7.695	11.344	17.333	36630.000	49555.746	32.104	33.698	1.024	27.300	14.803
12/8/2016 11:00:00 AM	46800.000	7.681	11.340	17.301	37639.348	50925.695	33.093	34.629	1.025	26.568	14.812
12/8/2016 11:30:00 AM	48600.000	7.681	11.338	17.302	37170.113						

50294.129	32.636	34.200	1.025	26.903	14.796
12/8/2016 12:00:00 PM	50400.000	7.681	11.336	17.302	37624.992
50911.875	33.082	34.620	1.025	26.578	14.792
12/8/2016 12:30:00 PM	52200.000	7.674	11.334	17.287	37247.625
50404.195	32.715	34.275	1.025	26.847	14.791
12/8/2016 1:00:00 PM	54000.000	7.672	11.332	17.281	37662.148
50967.637	33.122	34.658	1.025	26.552	14.792
12/8/2016 1:30:00 PM	55800.000	7.661	11.331	17.256	37502.348
50753.293	32.967	34.512	1.025	26.665	14.796
12/8/2016 2:00:00 PM	57600.000	7.661	11.329	17.257	37656.387
50963.313	33.119	34.655	1.025	26.556	14.796
12/8/2016 2:30:00 PM	59400.000	7.657	11.329	17.247	37505.613
50760.094	32.972	34.517	1.025	26.663	14.799
12/8/2016 3:00:00 PM	61200.000	7.651	11.328	17.234	37674.199
50989.227	33.137	34.673	1.025	26.543	14.795
12/8/2016 3:30:00 PM	63000.000	7.644	11.328	17.218	37575.973
50856.746	33.041	34.583	1.025	26.613	14.798
12/8/2016 4:00:00 PM	64800.000	7.635	11.327	17.198	37645.109
50951.383	33.110	34.647	1.025	26.564	14.806
12/8/2016 4:30:00 PM	66600.000	7.637	11.328	17.202	19695.391
26656.613	16.232	18.126	1.012	50.773	14.805
12/8/2016 5:00:00 PM	68400.000	7.624	11.328	17.175	25920.795
35082.262	21.922	23.856	1.017	38.579	14.811
12/8/2016 5:30:00 PM	70200.000	7.633	11.328	17.194	37915.695
51316.074	33.374	34.895	1.025	26.374	14.797
12/8/2016 6:00:00 PM	72000.000	7.626	11.326	17.178	36417.551
49290.973	31.912	33.518	1.024	27.459	14.808
12/8/2016 6:30:00 PM	73800.000	7.625	11.326	17.176	37653.707
50964.465	33.119	34.656	1.025	26.558	14.815
12/8/2016 7:00:00 PM	75600.000	7.627	11.326	17.180	37747.191
51090.996	33.211	34.742	1.025	26.492	14.812
12/8/2016 7:30:00 PM	77400.000	7.622	11.326	17.170	37615.797
50913.258	33.082	34.621	1.025	26.585	14.815
12/8/2016 8:00:00 PM	79200.000	7.621	11.326	17.167	37816.117
51183.926	33.278	34.805	1.025	26.444	14.818
12/8/2016 8:30:00 PM	81000.000	7.623	11.325	17.171	37618.098
50917.234	33.085	34.624	1.025	26.583	14.826
12/8/2016 9:00:00 PM	82800.000	7.616	11.325	17.156	37740.879
51084.113	33.205	34.737	1.025	26.496	14.829
12/8/2016 9:30:00 PM	84600.000	7.615	11.324	17.154	37649.707
50961.434	33.117	34.654	1.025	26.561	14.825
12/8/2016 10:00:00 PM	86400.000	7.614	11.325	17.152	37552.348
50828.109	33.020	34.563	1.025	26.629	14.830
12/8/2016 10:30:00 PM	88200.000	7.600	11.326	17.120	37622.688
50922.715	33.089	34.627	1.025	26.580	14.840
12/8/2016 11:00:00 PM	90000.000	7.604	11.327	17.128	37500.820
50756.465	32.969	34.514	1.025	26.666	14.836
12/8/2016 11:30:00 PM	91800.000	7.597	11.328	17.113	37631.199
50931.730	33.096	34.634	1.025	26.574	14.837
12/9/2016 12:00:00 AM	93600.000	7.596	11.328	17.111	37869.762
51253.906	33.329	34.853	1.025	26.406	14.835
12/9/2016 12:30:00 AM	95400.000	7.592	11.328	17.102	37643.141
50947.063	33.107	34.644	1.025	26.565	14.831
12/9/2016 1:00:00 AM	97200.000	7.580	11.328	17.074	38158.172

51644.355	33.612	35.118	1.026	26.207	14.838
12/9/2016 1:30:00 AM	99000.000	7.571	11.329	17.054	37694.582
51016.090	33.157	34.691	1.025	26.529	14.839
12/9/2016 2:00:00 AM	100800.000	7.559	11.329	17.028	38353.047
51906.879	33.802	35.297	1.026	26.074	14.843
12/9/2016 2:30:00 AM	102600.000	7.559	11.329	17.027	37673.605
50986.742	33.136	34.671	1.025	26.544	14.837
12/9/2016 3:00:00 AM	104400.000	7.557	11.329	17.023	38329.320
51874.176	33.779	35.274	1.026	26.090	14.833
12/9/2016 3:30:00 AM	106200.000	7.552	11.329	17.012	37701.941
51025.441	33.164	34.697	1.025	26.524	14.834
12/9/2016 4:00:00 AM	108000.000	7.554	11.330	17.015	38306.539
51841.883	33.755	35.252	1.026	26.105	14.830
12/9/2016 4:30:00 AM	109800.000	7.550	11.331	17.007	37744.813
51081.430	33.204	34.735	1.025	26.494	14.832
12/9/2016 5:00:00 AM	111600.000	7.553	11.331	17.013	38549.535
52170.250	33.994	35.476	1.026	25.941	14.832
12/9/2016 5:30:00 AM	113400.000	7.553	11.332	17.014	37708.055
51030.258	33.167	34.701	1.025	26.520	14.834
12/9/2016 6:00:00 AM	115200.000	7.554	11.332	17.017	38681.402
52347.488	34.122	35.596	1.026	25.852	14.841
12/9/2016 6:30:00 AM	117000.000	7.553	11.332	17.014	37745.434
51080.348	33.204	34.735	1.025	26.493	14.848
12/9/2016 7:00:00 AM	118800.000	7.564	11.333	17.039	38620.297
52263.668	34.062	35.539	1.026	25.893	14.840
12/9/2016 7:30:00 AM	120600.000	7.564	11.333	17.039	37748.352
51083.691	33.206	34.737	1.025	26.491	14.843
12/9/2016 8:00:00 AM	122400.000	7.565	11.333	17.041	38641.625
52292.180	34.082	35.559	1.026	25.879	14.853
12/9/2016 8:30:00 AM	124200.000	7.576	11.335	17.067	37700.262
51015.758	33.157	34.691	1.025	26.525	14.850
12/9/2016 9:00:00 AM	126000.000	7.578	11.336	17.070	38723.453
52398.855	34.160	35.631	1.026	25.824	14.859
12/9/2016 9:30:00 AM	127800.000	7.583	11.337	17.082	37753.465
51084.871	33.207	34.738	1.025	26.488	14.862
12/9/2016 10:00:00 AM	129600.000	7.589	11.338	17.096	38909.297
52647.871	34.342	35.801	1.026	25.701	14.861
12/9/2016 10:30:00 AM	131400.000	7.591	11.339	17.099	37685.375
50989.398	33.139	34.673	1.025	26.535	14.866
12/9/2016 11:00:00 AM	133200.000	7.595	11.341	17.108	38972.492
52729.176	34.401	35.856	1.026	25.659	14.868
12/9/2016 11:30:00 AM	135000.000	7.590	11.341	17.096	37772.914
51105.441	33.223	34.752	1.025	26.474	14.865
12/9/2016 12:00:00 PM	136800.000	7.597	11.342	17.114	39128.723
52938.805	34.554	35.998	1.026	25.557	14.845
12/9/2016 12:30:00 PM	138600.000	7.597	11.345	17.112	37819.340
51163.813	33.265	34.791	1.025	26.441	14.837
12/9/2016 1:00:00 PM	140400.000	7.593	11.347	17.104	39190.117
53014.559	34.610	36.050	1.026	25.517	14.832
12/9/2016 1:30:00 PM	142200.000	7.596	11.350	17.112	37832.059
51174.313	33.274	34.799	1.025	26.433	14.822
12/9/2016 2:00:00 PM	144000.000	7.584	11.353	17.084	39293.684
53147.055	34.707	36.140	1.026	25.449	14.826
12/9/2016 2:30:00 PM	145800.000	7.584	11.356	17.085	37877.703

51227.895	33.313	34.835	1.025	26.401	14.817
12/9/2016 3:00:00 PM	147600.000	7.575	11.358	17.062	39353.297
53220.594	34.761	36.190	1.027	25.411	14.825
12/9/2016 3:30:00 PM	149400.000	7.573	11.361	17.059	37932.891
51296.188	33.363	34.881	1.025	26.362	14.822
12/9/2016 4:00:00 PM	151200.000	7.566	11.363	17.043	39368.801
53234.813	34.772	36.200	1.027	25.401	14.822
12/9/2016 4:30:00 PM	153000.000	7.566	11.365	17.043	37930.008
51286.750	33.357	34.875	1.025	26.364	14.817
12/9/2016 5:00:00 PM	154800.000	7.560	11.367	17.029	39347.117
53199.652	34.747	36.176	1.027	25.415	14.814
12/9/2016 5:30:00 PM	156600.000	7.548	11.368	17.003	37933.371
51287.590	33.358	34.876	1.025	26.362	14.822
12/9/2016 6:00:00 PM	158400.000	7.555	11.369	17.019	39273.391
53096.742	34.672	36.106	1.026	25.463	14.815
12/9/2016 6:30:00 PM	160200.000	7.551	11.371	17.009	38008.906
51385.738	33.429	34.942	1.025	26.310	14.820
12/9/2016 7:00:00 PM	162000.000	7.543	11.370	16.992	39231.586
53039.340	34.630	36.067	1.026	25.490	14.825
12/9/2016 7:30:00 PM	163800.000	7.544	11.370	16.993	37987.480
51356.883	33.408	34.923	1.025	26.324	14.824
12/9/2016 8:00:00 PM	165600.000	7.558	11.371	17.025	39228.152
53033.715	34.626	36.063	1.026	25.492	14.811
12/9/2016 8:30:00 PM	167400.000	7.553	11.372	17.014	37998.953
51370.480	33.418	34.932	1.025	26.317	14.811
12/9/2016 9:00:00 PM	169200.000	7.555	11.372	17.017	39244.719
53054.375	34.642	36.077	1.026	25.481	14.820
12/9/2016 9:30:00 PM	171000.000	7.557	11.372	17.023	38011.605
51387.473	33.431	34.943	1.025	26.308	14.822
12/9/2016 10:00:00 PM	172800.000	7.555	11.372	17.019	39248.836
53060.070	34.646	36.081	1.026	25.478	14.818
12/9/2016 10:30:00 PM	174600.000	7.559	11.372	17.027	37984.215
51350.555	33.404	34.918	1.025	26.327	14.819
12/9/2016 11:00:00 PM	176400.000	7.551	11.371	17.009	39132.758
52904.012	34.532	35.975	1.026	25.554	14.822
12/9/2016 11:30:00 PM	178200.000	7.556	11.372	17.020	38081.922
51481.934	33.499	35.008	1.026	26.259	14.817
12/10/2016 12:00:00 AM	180000.000	7.564	11.373	17.038	39079.637
52830.582	34.479	35.925	1.026	25.589	14.806
12/10/2016 12:30:00 AM	181800.000	7.551	11.372	17.010	38014.246
51390.789	33.433	34.946	1.025	26.306	14.810
12/10/2016 1:00:00 AM	183600.000	7.545	11.372	16.997	38985.012
52703.773	34.386	35.839	1.026	25.651	14.812
12/10/2016 1:30:00 AM	185400.000	7.544	11.372	16.993	38084.781
51486.512	33.502	35.011	1.026	26.257	14.818
12/10/2016 2:00:00 AM	187200.000	7.544	11.372	16.994	38823.586
52485.055	34.227	35.690	1.026	25.758	14.810
12/10/2016 2:30:00 AM	189000.000	7.543	11.372	16.991	38067.824
51463.832	33.486	34.995	1.026	26.269	14.806
12/10/2016 3:00:00 AM	190800.000	7.533	11.371	16.969	38753.250
52391.320	34.159	35.626	1.026	25.804	14.807
12/10/2016 3:30:00 AM	192600.000	7.531	11.372	16.965	38052.008
51442.324	33.470	34.981	1.026	26.280	14.810
12/10/2016 4:00:00 AM	194400.000	7.529	11.371	16.959	38648.113

52249.188	34.056	35.529	1.026	25.874	14.809
12/10/2016 4:30:00 AM	196200.000	7.535	11.371	16.973	38099.801
51508.031	33.518	35.025	1.026	26.247	14.800
12/10/2016 5:00:00 AM	198000.000	7.521	11.371	16.941	38561.871
52132.223	33.971	35.450	1.026	25.932	14.812
12/10/2016 5:30:00 AM	199800.000	7.529	11.371	16.959	38029.703
51412.891	33.449	34.961	1.026	26.295	14.809
12/10/2016 6:00:00 AM	201600.000	7.533	11.372	16.970	38578.027
52153.449	33.986	35.464	1.026	25.921	14.807
12/10/2016 6:30:00 AM	203400.000	7.536	11.372	16.975	38079.285
51479.078	33.497	35.006	1.026	26.261	14.807
12/10/2016 7:00:00 AM	205200.000	7.538	11.373	16.980	38522.516
52077.430	33.931	35.413	1.026	25.959	14.810
12/10/2016 7:30:00 AM	207000.000	7.549	11.373	17.004	38079.008
51477.863	33.496	35.005	1.026	26.261	14.805
12/10/2016 8:00:00 AM	208800.000	7.555	11.373	17.019	38460.402
51992.238	33.869	35.355	1.026	26.001	14.808
12/10/2016 8:30:00 AM	210600.000	7.560	11.375	17.029	38187.441
51621.430	33.600	35.103	1.026	26.187	14.814
12/10/2016 9:00:00 AM	212400.000	7.575	11.376	17.063	38429.230
51946.941	33.837	35.324	1.026	26.022	14.809
12/10/2016 9:30:00 AM	214200.000	7.580	11.377	17.076	38207.270
51645.578	33.618	35.119	1.026	26.173	14.814
12/10/2016 10:00:00 AM	216000.000	7.588	11.377	17.092	38293.496
51761.398	33.702	35.198	1.026	26.114	14.814
12/10/2016 10:30:00 AM	217800.000	7.600	11.379	17.120	38323.492
51799.773	33.730	35.224	1.026	26.094	14.814
12/10/2016 11:00:00 AM	219600.000	7.604	11.381	17.128	38255.766
51705.684	33.662	35.160	1.026	26.140	14.811
12/10/2016 11:30:00 AM	221400.000	7.611	11.384	17.143	38309.336
51773.734	33.712	35.206	1.026	26.103	14.800
12/10/2016 12:00:00 PM	223200.000	7.614	11.385	17.150	38209.934
51637.699	33.613	35.114	1.026	26.171	14.791
12/10/2016 12:30:00 PM	225000.000	7.619	11.387	17.163	38239.395
51674.855	33.641	35.139	1.026	26.151	14.783
12/10/2016 1:00:00 PM	226800.000	7.616	11.389	17.156	38076.137
51452.555	33.480	34.988	1.026	26.263	14.778
12/10/2016 1:30:00 PM	228600.000	7.613	11.391	17.149	38082.652
51458.590	33.484	34.992	1.026	26.259	14.778
12/10/2016 2:00:00 PM	230400.000	7.616	11.393	17.156	38315.367
51769.883	33.710	35.204	1.026	26.099	14.766
12/10/2016 2:30:00 PM	232200.000	7.616	11.396	17.157	38138.488
51527.773	33.535	35.039	1.026	26.220	14.765
12/10/2016 3:00:00 PM	234000.000	7.615	11.397	17.153	38332.703
51788.598	33.724	35.216	1.026	26.087	14.766
12/10/2016 3:30:00 PM	235800.000	7.606	11.398	17.133	38312.891
51759.758	33.703	35.197	1.026	26.101	14.768
12/10/2016 4:00:00 PM	237600.000	7.601	11.399	17.122	38306.617
51750.195	33.697	35.190	1.026	26.105	14.772
12/10/2016 4:30:00 PM	239400.000	7.606	11.400	17.132	38408.254
51886.309	33.796	35.283	1.026	26.036	14.763
12/10/2016 5:00:00 PM	241200.000	7.595	11.400	17.109	38333.961
51785.441	33.722	35.214	1.026	26.087	14.772
12/10/2016 5:30:00 PM	243000.000	7.593	11.401	17.104	38553.984

52082.324	33.938	35.416	1.026	25.938	14.769
12/10/2016 6:00:00 PM	244800.000	7.596	11.400	17.110	38322.402
51769.715	33.711	35.203	1.026	26.094	14.766
12/10/2016 6:30:00 PM	246600.000	7.594	11.401	17.105	38385.914
51855.148	33.773	35.262	1.026	26.051	14.767
12/10/2016 7:00:00 PM	248400.000	7.592	11.400	17.101	38307.230
51749.219	33.696	35.189	1.026	26.105	14.772
12/10/2016 7:30:00 PM	250200.000	7.594	11.400	17.107	38238.547
51656.914	33.629	35.127	1.026	26.152	14.773
12/10/2016 8:00:00 PM	252000.000	7.589	11.400	17.095	38368.898
51833.613	33.757	35.247	1.026	26.063	14.782
12/10/2016 8:30:00 PM	253800.000	7.596	11.399	17.110	38349.887
51808.418	33.739	35.230	1.026	26.076	14.779
12/10/2016 9:00:00 PM	255600.000	7.594	11.398	17.105	38378.664
51848.500	33.768	35.257	1.026	26.056	14.779
12/10/2016 9:30:00 PM	257400.000	7.599	11.398	17.116	38386.375
51859.035	33.776	35.264	1.026	26.051	14.785
12/10/2016 10:00:00 PM	259200.000	7.599	11.398	17.118	38353.297
51815.199	33.744	35.234	1.026	26.073	14.789
12/10/2016 10:30:00 PM	261000.000	7.608	11.397	17.137	38360.504
51825.199	33.751	35.241	1.026	26.068	14.789
12/10/2016 11:00:00 PM	262800.000	7.608	11.397	17.137	38304.086
51749.680	33.696	35.190	1.026	26.107	14.797
12/10/2016 11:30:00 PM	264600.000	7.610	11.396	17.141	38351.883
51815.098	33.743	35.234	1.026	26.074	14.799
12/11/2016 12:00:00 AM	266400.000	7.611	11.396	17.145	38350.160
51812.656	33.742	35.233	1.026	26.076	14.801
12/11/2016 12:30:00 AM	268200.000	7.612	11.396	17.147	38420.840
51908.758	33.811	35.298	1.026	26.028	14.797
12/11/2016 1:00:00 AM	270000.000	7.613	11.396	17.149	38345.512
51806.492	33.737	35.228	1.026	26.079	14.798
12/11/2016 1:30:00 AM	271800.000	7.610	11.396	17.143	38413.965
51899.711	33.805	35.292	1.026	26.032	14.802
12/11/2016 2:00:00 AM	273600.000	7.610	11.395	17.141	38340.484
51801.051	33.733	35.225	1.026	26.082	14.803
12/11/2016 2:30:00 AM	275400.000	7.600	11.395	17.120	38384.434
51860.797	33.776	35.265	1.026	26.052	14.811
12/11/2016 3:00:00 AM	277200.000	7.604	11.395	17.129	38385.746
51862.570	33.778	35.267	1.026	26.051	14.805
12/11/2016 3:30:00 AM	279000.000	7.605	11.394	17.132	38226.906
51649.035	33.623	35.121	1.026	26.160	14.799
12/11/2016 4:00:00 AM	280800.000	7.597	11.394	17.112	38313.520
51766.195	33.708	35.201	1.026	26.100	14.804
12/11/2016 4:30:00 AM	282600.000	7.596	11.394	17.110	38357.500
51826.211	33.751	35.242	1.026	26.071	14.800
12/11/2016 5:00:00 AM	284400.000	7.596	11.393	17.111	38298.191
51746.676	33.693	35.188	1.026	26.111	14.802
12/11/2016 5:30:00 AM	286200.000	7.594	11.393	17.107	38389.863
51870.539	33.783	35.272	1.026	26.049	14.810
12/11/2016 6:00:00 AM	288000.000	7.595	11.393	17.109	38310.879
51764.434	33.706	35.200	1.026	26.102	14.809
12/11/2016 6:30:00 AM	289800.000	7.598	11.394	17.116	38526.867
52055.047	33.917	35.397	1.026	25.956	14.811
12/11/2016 7:00:00 AM	291600.000	7.602	11.393	17.125	38368.117

51840.789	33.762	35.252	1.026	26.063	14.812
12/11/2016 7:30:00 AM	293400.000	7.601	11.393	17.121	38311.348
51764.086	33.706	35.200	1.026	26.102	14.815
12/11/2016 8:00:00 AM	295200.000	7.616	11.394	17.155	38357.070
51825.387	33.751	35.241	1.026	26.071	14.810
12/11/2016 8:30:00 AM	297000.000	7.625	11.394	17.176	38688.844
52273.793	34.076	35.546	1.026	25.847	14.816
12/11/2016 9:00:00 AM	298800.000	7.631	11.395	17.189	38369.000
51840.535	33.762	35.252	1.026	26.063	14.820
12/11/2016 9:30:00 AM	300600.000	7.639	11.395	17.207	38442.504
51938.629	33.833	35.318	1.026	26.013	14.826
12/11/2016 10:00:00 AM	302400.000	7.654	11.397	17.241	38402.227
51882.648	33.792	35.280	1.026	26.040	14.822
12/11/2016 10:30:00 AM	304200.000	7.662	11.398	17.259	38449.402
51944.801	33.838	35.322	1.026	26.008	14.818
12/11/2016 11:00:00 AM	306000.000	7.669	11.399	17.274	38373.023
51840.027	33.762	35.251	1.026	26.060	14.818
12/11/2016 11:30:00 AM	307800.000	7.677	11.400	17.294	38361.113
51822.125	33.749	35.239	1.026	26.068	14.812
12/11/2016 12:00:00 PM	309600.000	7.676	11.402	17.291	38306.605
51745.711	33.694	35.187	1.026	26.105	14.816
12/11/2016 12:30:00 PM	311400.000	7.684	11.405	17.310	38247.594
51662.977	33.634	35.131	1.026	26.145	14.806
12/11/2016 1:00:00 PM	313200.000	7.691	11.407	17.325	38365.602
51818.754	33.747	35.237	1.026	26.065	14.799
12/11/2016 1:30:00 PM	315000.000	7.694	11.409	17.331	38131.922
51500.355	33.517	35.020	1.026	26.225	14.800
12/11/2016 2:00:00 PM	316800.000	7.694	11.412	17.330	38368.746
51817.051	33.747	35.236	1.026	26.063	14.799
12/11/2016 2:30:00 PM	318600.000	7.683	11.415	17.306	38138.426
51502.266	33.519	35.022	1.026	26.220	14.807
12/11/2016 3:00:00 PM	320400.000	7.679	11.417	17.297	38371.148
51813.871	33.745	35.233	1.026	26.061	14.809
12/11/2016 3:30:00 PM	322200.000	7.678	11.419	17.296	38336.191
51763.777	33.709	35.199	1.026	26.085	14.804
12/11/2016 4:00:00 PM	324000.000	7.675	11.421	17.288	38319.777
51738.832	33.691	35.182	1.026	26.096	14.802
12/11/2016 4:30:00 PM	325800.000	7.670	11.423	17.276	38210.129
51588.137	33.582	35.080	1.026	26.171	14.799
12/11/2016 5:00:00 PM	327600.000	7.660	11.424	17.255	38356.434
51783.855	33.724	35.213	1.026	26.071	14.797
12/11/2016 5:30:00 PM	329400.000	7.655	11.425	17.244	38089.863
51422.520	33.462	34.967	1.026	26.254	14.794
12/11/2016 6:00:00 PM	331200.000	7.646	11.426	17.223	38345.633
51766.492	33.712	35.201	1.026	26.079	14.797
12/11/2016 6:30:00 PM	333000.000	7.634	11.427	17.195	38235.230
51616.840	33.603	35.099	1.026	26.154	14.800
12/11/2016 7:00:00 PM	334800.000	7.633	11.427	17.193	38395.250
51832.984	33.760	35.246	1.026	26.045	14.791
12/11/2016 7:30:00 PM	336600.000	7.621	11.427	17.167	38219.914
51595.320	33.588	35.085	1.026	26.164	14.799
12/11/2016 8:00:00 PM	338400.000	7.625	11.427	17.176	38378.402
51809.641	33.743	35.231	1.026	26.056	14.792
12/11/2016 8:30:00 PM	340200.000	7.620	11.427	17.165	38187.469

51551.520	33.556	35.055	1.026	26.187	14.798
12/11/2016 9:00:00 PM	342000.000	7.625	11.427	17.176	38369.238
51797.016	33.734	35.222	1.026	26.063	14.790
12/11/2016 9:30:00 PM	343800.000	7.620	11.427	17.165	38142.684
51491.793	33.512	35.014	1.026	26.217	14.795
12/11/2016 10:00:00 PM	345600.000	7.627	11.426	17.181	38347.770
51769.379	33.714	35.203	1.026	26.077	14.794
12/11/2016 10:30:00 PM	347400.000	7.635	11.426	17.199	38130.070
51475.715	33.501	35.003	1.026	26.226	14.791
12/11/2016 11:00:00 PM	349200.000	7.639	11.426	17.208	38361.195
51787.859	33.727	35.216	1.026	26.068	14.795
12/11/2016 11:30:00 PM	351000.000	7.637	11.425	17.204	38182.777
51547.715	33.553	35.052	1.026	26.190	14.797
12/12/2016 12:00:00 AM	352800.000	7.645	11.426	17.222	38374.102
51805.395	33.740	35.228	1.026	26.059	14.791
12/12/2016 12:30:00 AM	354600.000	7.644	11.426	17.219	38198.676
51568.824	33.568	35.067	1.026	26.179	14.790
12/12/2016 1:00:00 AM	356400.000	7.640	11.425	17.209	38382.430
51817.871	33.749	35.236	1.026	26.054	14.798
12/12/2016 1:30:00 AM	358200.000	7.642	11.425	17.215	38197.273
51567.902	33.567	35.066	1.026	26.180	14.794
12/12/2016 2:00:00 AM	360000.000	7.644	11.425	17.219	38362.461
51790.289	33.729	35.217	1.026	26.067	14.790
12/12/2016 2:30:00 AM	361800.000	7.636	11.425	17.200	38184.332
51550.430	33.555	35.054	1.026	26.189	14.797
12/12/2016 3:00:00 AM	363600.000	7.637	11.425	17.204	38365.836
51795.469	33.732	35.221	1.026	26.065	14.795
12/12/2016 3:30:00 AM	365400.000	7.633	11.425	17.194	38182.926
51548.160	33.553	35.053	1.026	26.190	14.793
12/12/2016 4:00:00 AM	367200.000	7.639	11.425	17.208	38352.910
51778.020	33.720	35.209	1.026	26.074	14.787
12/12/2016 4:30:00 AM	369000.000	7.633	11.425	17.194	38161.402
51519.211	33.532	35.033	1.026	26.204	14.790
12/12/2016 5:00:00 AM	370800.000	7.629	11.425	17.184	38393.617
51832.473	33.759	35.246	1.026	26.046	14.788
12/12/2016 5:30:00 AM	372600.000	7.634	11.425	17.196	38149.262
51502.820	33.520	35.022	1.026	26.213	14.786
12/12/2016 6:00:00 AM	374400.000	7.630	11.425	17.188	38358.449
51784.996	33.725	35.214	1.026	26.070	14.794
12/12/2016 6:30:00 AM	376200.000	7.639	11.426	17.208	38174.695
51536.691	33.545	35.045	1.026	26.195	14.792
12/12/2016 7:00:00 AM	378000.000	7.637	11.426	17.204	38359.691
51785.594	33.725	35.214	1.026	26.069	14.797
12/12/2016 7:30:00 AM	379800.000	7.641	11.426	17.213	38201.043
51571.531	33.570	35.069	1.026	26.177	14.796
12/12/2016 8:00:00 AM	381600.000	7.656	11.427	17.246	38354.535
51778.137	33.720	35.209	1.026	26.073	14.794
12/12/2016 8:30:00 AM	383400.000	7.662	11.427	17.260	38140.477
51488.195	33.510	35.012	1.026	26.219	14.801
12/12/2016 9:00:00 AM	385200.000	7.672	11.427	17.281	38331.832
51746.637	33.697	35.188	1.026	26.088	14.808
12/12/2016 9:30:00 AM	387000.000	7.687	11.428	17.315	38100.918
51433.363	33.470	34.975	1.026	26.246	14.811
12/12/2016 10:00:00 AM	388800.000	7.692	11.429	17.327	38391.254

51824.570	33.754	35.241	1.026	26.048	14.816
12/12/2016 10:30:00 AM	390600.000	7.701	11.430	17.347	38068.426
51387.949	33.437	34.944	1.025	26.268	14.812
12/12/2016 11:00:00 AM	392400.000	7.712	11.430	17.372	38403.938
51839.855	33.765	35.251	1.026	26.039	14.811
12/12/2016 11:30:00 AM	394200.000	7.729	11.431	17.409	38112.996
51445.578	33.479	34.983	1.026	26.238	14.799
12/12/2016 12:00:00 PM	396000.000	7.732	11.433	17.417	38401.328
51832.586	33.760	35.246	1.026	26.041	14.794
12/12/2016 12:30:00 PM	397800.000	7.743	11.435	17.442	38099.020
51422.512	33.463	34.967	1.026	26.247	14.785
12/12/2016 1:00:00 PM	399600.000	7.748	11.437	17.453	38401.063
51827.395	33.757	35.243	1.026	26.041	14.777
12/12/2016 1:30:00 PM	401400.000	7.754	11.439	17.467	38108.020
51429.492	33.469	34.972	1.026	26.241	14.774
12/12/2016 2:00:00 PM	403200.000	7.749	11.441	17.455	38303.078
51689.723	33.658	35.149	1.026	26.108	14.783
12/12/2016 2:30:00 PM	405000.000	7.747	11.443	17.451	38005.387
51285.348	33.365	34.874	1.025	26.312	14.781
12/12/2016 3:00:00 PM	406800.000	7.746	11.445	17.448	38303.480
51684.949	33.655	35.146	1.026	26.107	14.779
12/12/2016 3:30:00 PM	408600.000	7.743	11.447	17.443	38019.895
51298.941	33.375	34.883	1.025	26.302	14.778
12/12/2016 4:00:00 PM	410400.000	7.736	11.449	17.426	38344.129
51734.012	33.691	35.179	1.026	26.080	14.776
12/12/2016 4:30:00 PM	412200.000	7.732	11.451	17.417	38094.836
51394.918	33.445	34.949	1.025	26.250	14.773
12/12/2016 5:00:00 PM	414000.000	7.730	11.453	17.414	38307.871
51680.023	33.652	35.142	1.026	26.104	14.766
12/12/2016 5:30:00 PM	415800.000	7.706	11.454	17.359	38086.531
51379.500	33.434	34.938	1.025	26.256	14.777
12/12/2016 6:00:00 PM	417600.000	7.699	11.456	17.342	38346.516
51728.301	33.687	35.175	1.026	26.078	14.779
12/12/2016 6:30:00 PM	419400.000	7.691	11.457	17.326	38075.887
51362.273	33.422	34.926	1.025	26.263	14.775
12/12/2016 7:00:00 PM	421200.000	7.682	11.457	17.305	38354.426
51736.930	33.694	35.181	1.026	26.073	14.772
12/12/2016 7:30:00 PM	423000.000	7.674	11.458	17.286	38098.621
51391.617	33.443	34.946	1.025	26.248	14.779
12/12/2016 8:00:00 PM	424800.000	7.668	11.458	17.272	38365.977
51751.410	33.704	35.191	1.026	26.065	14.778
12/12/2016 8:30:00 PM	426600.000	7.658	11.459	17.251	38117.793
51415.910	33.461	34.963	1.025	26.234	14.771
12/12/2016 9:00:00 PM	428400.000	7.653	11.459	17.238	38322.418
51691.820	33.661	35.150	1.026	26.094	14.779
12/12/2016 9:30:00 PM	430200.000	7.649	11.459	17.230	38085.371
51371.582	33.429	34.933	1.025	26.257	14.775
12/12/2016 10:00:00 PM	432000.000	7.638	11.459	17.205	38408.109
51806.906	33.745	35.229	1.026	26.036	14.781
12/12/2016 10:30:00 PM	433800.000	7.645	11.459	17.220	38065.270
51344.102	33.409	34.914	1.025	26.271	14.775
12/12/2016 11:00:00 PM	435600.000	7.640	11.460	17.209	38317.270
51683.539	33.655	35.145	1.026	26.098	14.782
12/12/2016 11:30:00 PM	437400.000	7.641	11.460	17.211	38114.418

51409.926	33.457	34.959	1.025	26.237	14.772
12/13/2016 12:00:00 AM	439200.000	7.631	11.460	17.189	38382.438
51770.961	33.719	35.204	1.026	26.054	14.786
12/13/2016 12:30:00 AM	441000.000	7.636	11.460	17.202	38117.723
51413.656	33.460	34.961	1.025	26.235	14.784
12/13/2016 1:00:00 AM	442800.000	7.638	11.461	17.205	38335.969
51707.680	33.673	35.161	1.026	26.085	14.777
12/13/2016 1:30:00 AM	444600.000	7.635	11.461	17.198	38120.066
51415.742	33.461	34.963	1.025	26.233	14.782
12/13/2016 2:00:00 AM	446400.000	7.634	11.461	17.196	38368.363
51750.766	33.704	35.191	1.026	26.063	14.789
12/13/2016 2:30:00 AM	448200.000	7.632	11.461	17.192	38098.797
51386.703	33.440	34.943	1.025	26.248	14.786
12/13/2016 3:00:00 AM	450000.000	7.626	11.462	17.178	38310.156
51671.535	33.647	35.137	1.026	26.103	14.790
12/13/2016 3:30:00 AM	451800.000	7.626	11.462	17.178	38136.465
51436.660	33.476	34.977	1.026	26.222	14.783
12/13/2016 4:00:00 AM	453600.000	7.621	11.462	17.168	38349.152
51723.289	33.684	35.172	1.026	26.076	14.780
12/13/2016 4:30:00 AM	455400.000	7.619	11.463	17.162	38143.363
51445.371	33.483	34.983	1.026	26.217	14.774
12/13/2016 5:00:00 AM	457200.000	7.614	11.463	17.152	38374.539
51756.551	33.709	35.194	1.026	26.059	14.775
12/13/2016 5:30:00 AM	459000.000	7.615	11.463	17.154	38135.332
51433.926	33.475	34.975	1.026	26.222	14.776
12/13/2016 6:00:00 AM	460800.000	7.606	11.464	17.133	38359.328
51735.203	33.693	35.180	1.026	26.069	14.779
12/13/2016 6:30:00 AM	462600.000	7.607	11.464	17.135	38169.656
51478.906	33.507	35.006	1.026	26.199	14.784
12/13/2016 7:00:00 AM	464400.000	7.611	11.464	17.146	38386.469
51771.574	33.720	35.205	1.026	26.051	14.785
12/13/2016 7:30:00 AM	466200.000	7.615	11.465	17.153	38179.430
51490.883	33.516	35.014	1.026	26.192	14.782
12/13/2016 8:00:00 AM	468000.000	7.621	11.465	17.167	38378.941
51759.715	33.711	35.197	1.026	26.056	14.791
12/13/2016 8:30:00 AM	469800.000	7.627	11.465	17.180	38142.766
51441.195	33.480	34.980	1.026	26.217	14.795
12/13/2016 9:00:00 AM	471600.000	7.631	11.466	17.190	38378.145
51757.805	33.710	35.195	1.026	26.056	14.798
12/13/2016 9:30:00 AM	473400.000	7.632	11.466	17.192	38166.270
51471.203	33.502	35.000	1.026	26.201	14.810
12/13/2016 10:00:00 AM	475200.000	7.644	11.467	17.219	38337.477
51700.895	33.669	35.157	1.026	26.084	14.811
12/13/2016 10:30:00 AM	477000.000	7.656	11.468	17.246	38147.859
51443.879	33.482	34.982	1.026	26.214	14.807
12/13/2016 11:00:00 AM	478800.000	7.663	11.469	17.261	38355.559
51722.516	33.685	35.171	1.026	26.072	14.810
12/13/2016 11:30:00 AM	480600.000	7.673	11.471	17.283	38125.070
51409.055	33.458	34.958	1.025	26.229	14.803
12/13/2016 12:00:00 PM	482400.000	7.684	11.473	17.308	38356.430
51718.504	33.682	35.169	1.026	26.071	14.797
12/13/2016 12:30:00 PM	484200.000	7.697	11.475	17.339	38151.938
51440.016	33.480	34.979	1.026	26.211	14.783
12/13/2016 1:00:00 PM	486000.000	7.707	11.478	17.362	38386.699

51753.047	33.708	35.192	1.026	26.051	14.779
12/13/2016 1:30:00 PM	487800.000	7.707	11.480	17.360	38163.680
51449.004	33.488	34.985	1.026	26.203	14.780
12/13/2016 2:00:00 PM	489600.000	7.723	11.483	17.398	38369.484
51722.945	33.687	35.172	1.026	26.062	14.766
12/13/2016 2:30:00 PM	491400.000	7.715	11.485	17.379	38108.867
51368.645	33.430	34.931	1.025	26.241	14.778
12/13/2016 3:00:00 PM	493200.000	7.715	11.488	17.379	38439.082
51809.789	33.750	35.231	1.026	26.015	14.776
12/13/2016 3:30:00 PM	495000.000	7.717	11.491	17.383	38167.445
51440.289	33.482	34.979	1.026	26.200	14.769
12/13/2016 4:00:00 PM	496800.000	7.708	11.493	17.364	38386.285
51731.859	33.694	35.178	1.026	26.051	14.771
12/13/2016 4:30:00 PM	498600.000	7.706	11.496	17.359	38160.262
51423.902	33.471	34.968	1.025	26.205	14.769
12/13/2016 5:00:00 PM	500400.000	7.701	11.499	17.346	38948.863
52483.055	34.241	35.688	1.026	25.675	14.766
12/13/2016 5:30:00 PM	502200.000	7.695	11.500	17.335	38159.023
51416.609	33.466	34.963	1.025	26.206	14.761
12/13/2016 6:00:00 PM	504000.000	7.684	11.501	17.309	39092.152
52672.461	34.379	35.817	1.026	25.581	14.771
12/13/2016 6:30:00 PM	505800.000	7.671	11.503	17.279	38162.797
51417.613	33.467	34.964	1.025	26.204	14.775
12/13/2016 7:00:00 PM	507600.000	7.660	11.504	17.255	39085.289
52659.766	34.370	35.809	1.026	25.585	14.774
12/13/2016 7:30:00 PM	509400.000	7.655	11.505	17.245	38171.555
51427.484	33.475	34.971	1.025	26.198	14.768
12/13/2016 8:00:00 PM	511200.000	7.639	11.505	17.207	39178.086
52782.957	34.460	35.892	1.026	25.524	14.777
12/13/2016 8:30:00 PM	513000.000	7.631	11.506	17.190	38164.250
51416.449	33.467	34.963	1.025	26.203	14.777
12/13/2016 9:00:00 PM	514800.000	7.622	11.506	17.169	38601.434
52004.840	33.894	35.363	1.026	25.906	14.781
12/13/2016 9:30:00 PM	516600.000	7.615	11.507	17.154	38174.297
51428.191	33.475	34.971	1.025	26.196	14.777
12/13/2016 10:00:00 PM	518400.000	7.612	11.507	17.148	38612.980
52019.184	33.904	35.373	1.026	25.898	14.780
12/13/2016 10:30:00 PM	520200.000	7.605	11.508	17.130	38165.734
51415.828	33.467	34.963	1.025	26.202	14.786
12/13/2016 11:00:00 PM	522000.000	7.600	11.508	17.121	38627.078
52037.207	33.917	35.385	1.026	25.889	14.785
12/13/2016 11:30:00 PM	523800.000	7.601	11.508	17.122	38164.414
51413.320	33.465	34.961	1.025	26.202	14.785
12/14/2016 12:00:00 AM	525600.000	7.595	11.509	17.109	38625.906
52033.949	33.915	35.383	1.026	25.889	14.787
12/14/2016 12:30:00 AM	527400.000	7.594	11.509	17.105	38165.621
51413.391	33.465	34.961	1.025	26.202	14.784
12/14/2016 1:00:00 AM	529200.000	7.604	11.510	17.128	38659.688
52078.109	33.947	35.413	1.026	25.867	14.776
12/14/2016 1:30:00 AM	531000.000	7.603	11.510	17.126	38196.730
51454.465	33.495	34.989	1.026	26.180	14.775
12/14/2016 2:00:00 AM	532800.000	7.603	11.511	17.127	38613.391
52015.027	33.902	35.370	1.026	25.898	14.776
12/14/2016 2:30:00 AM	534600.000	7.599	11.511	17.118	38173.176

51421.527	33.471	34.967	1.025	26.196	14.779
12/14/2016 3:00:00 AM	536400.000	7.601	11.511	17.122	38606.590
52004.879	33.894	35.363	1.026	25.902	14.779
12/14/2016 3:30:00 AM	538200.000	7.598	11.512	17.115	38189.477
51442.297	33.486	34.981	1.026	26.185	14.783
12/14/2016 4:00:00 AM	540000.000	7.606	11.512	17.133	38677.852
52099.309	33.963	35.428	1.026	25.855	14.767
12/14/2016 4:30:00 AM	541800.000	7.604	11.513	17.128	38186.961
51437.113	33.483	34.977	1.026	26.187	14.763
12/14/2016 5:00:00 AM	543600.000	7.601	11.514	17.121	38660.746
52074.805	33.945	35.411	1.026	25.866	14.757
12/14/2016 5:30:00 AM	545400.000	7.599	11.514	17.117	38173.781
51418.301	33.469	34.964	1.025	26.196	14.758
12/14/2016 6:00:00 AM	547200.000	7.593	11.515	17.105	38550.324
51924.250	33.836	35.308	1.026	25.940	14.763
12/14/2016 6:30:00 AM	549000.000	7.597	11.515	17.112	38181.426
51426.777	33.475	34.970	1.025	26.191	14.759
12/14/2016 7:00:00 AM	550800.000	7.591	11.516	17.100	38580.602
51964.063	33.865	35.336	1.026	25.920	14.765
12/14/2016 7:30:00 AM	552600.000	7.597	11.516	17.112	38200.754
51451.379	33.493	34.987	1.026	26.177	14.760
12/14/2016 8:00:00 AM	554400.000	7.598	11.517	17.116	38537.754
51904.070	33.822	35.295	1.026	25.949	14.755
12/14/2016 8:30:00 AM	556200.000	7.598	11.518	17.116	38174.801
51414.504	33.467	34.962	1.025	26.195	14.764
12/14/2016 9:00:00 AM	558000.000	7.608	11.519	17.138	38635.941
52034.609	33.917	35.384	1.026	25.883	14.757
12/14/2016 9:30:00 AM	559800.000	7.604	11.519	17.130	38182.980
51424.457	33.474	34.969	1.025	26.190	14.773
12/14/2016 10:00:00 AM	561600.000	7.614	11.520	17.150	38436.723
51764.859	33.721	35.200	1.026	26.017	14.770
12/14/2016 10:30:00 AM	563400.000	7.621	11.521	17.166	38187.305
51427.168	33.476	34.970	1.025	26.187	14.769
12/14/2016 11:00:00 AM	565200.000	7.631	11.523	17.189	38431.496
51753.719	33.713	35.193	1.026	26.020	14.769
12/14/2016 11:30:00 AM	567000.000	7.634	11.524	17.197	38222.727
51470.781	33.508	35.000	1.026	26.162	14.768
12/14/2016 12:00:00 PM	568800.000	7.648	11.526	17.228	38395.156
51700.457	33.675	35.156	1.026	26.045	14.756
12/14/2016 12:30:00 PM	570600.000	7.660	11.528	17.255	38238.313
51486.129	33.520	35.011	1.026	26.152	14.749
12/14/2016 1:00:00 PM	572400.000	7.663	11.531	17.261	38385.531
51681.117	33.662	35.143	1.026	26.051	14.750
12/14/2016 1:30:00 PM	574200.000	7.667	11.533	17.270	38313.652
51581.227	33.589	35.075	1.026	26.100	14.750
12/14/2016 2:00:00 PM	576000.000	7.672	11.536	17.281	38353.781
51631.527	33.626	35.109	1.026	26.073	14.742
12/14/2016 2:30:00 PM	577800.000	7.674	11.538	17.285	38371.754
51652.457	33.642	35.124	1.026	26.061	14.747
12/14/2016 3:00:00 PM	579600.000	7.671	11.541	17.280	38344.660
51612.270	33.613	35.096	1.026	26.079	14.747
12/14/2016 3:30:00 PM	581400.000	7.676	11.545	17.291	38379.930
51655.074	33.644	35.125	1.026	26.055	14.742
12/14/2016 4:00:00 PM	583200.000	7.683	11.547	17.307	38382.680

51655.277	33.645	35.126	1.026	26.053	14.731
12/14/2016 4:30:00 PM	585000.000	7.678	11.550	17.295	38361.664
51623.152	33.622	35.104	1.026	26.068	14.739
12/14/2016 5:00:00 PM	586800.000	7.673	11.552	17.284	38393.820
51664.027	33.652	35.132	1.026	26.046	14.738
12/14/2016 5:30:00 PM	588600.000	7.664	11.555	17.263	38398.598
51666.965	33.654	35.134	1.026	26.043	14.740
12/14/2016 6:00:00 PM	590400.000	7.660	11.556	17.254	38386.859
51648.777	33.641	35.121	1.026	26.051	14.741
12/14/2016 6:30:00 PM	592200.000	7.650	11.558	17.232	38397.723
51661.094	33.650	35.130	1.026	26.043	14.737
12/14/2016 7:00:00 PM	594000.000	7.641	11.559	17.211	38376.105
51630.699	33.628	35.109	1.026	26.058	14.736
12/14/2016 7:30:00 PM	595800.000	7.633	11.561	17.194	38390.723
51648.203	33.641	35.121	1.026	26.048	14.732
12/14/2016 8:00:00 PM	597600.000	7.619	11.562	17.161	38394.539
51652.375	33.644	35.124	1.026	26.045	14.730
12/14/2016 8:30:00 PM	599400.000	7.606	11.562	17.134	38365.648
51612.559	33.615	35.097	1.026	26.065	14.735
12/14/2016 9:00:00 PM	601200.000	7.591	11.563	17.101	38371.133
51618.723	33.620	35.101	1.026	26.061	14.746
12/14/2016 9:30:00 PM	603000.000	7.586	11.564	17.088	38382.102
51632.645	33.630	35.110	1.026	26.054	14.743
12/14/2016 10:00:00 PM	604800.000	7.578	11.565	17.070	38385.141
51635.641	33.632	35.112	1.026	26.052	14.744
12/14/2016 10:30:00 PM	606600.000	7.573	11.565	17.058	38379.477
51627.426	33.626	35.107	1.026	26.056	14.738
12/14/2016 11:00:00 PM	608400.000	7.558	11.566	17.025	38385.973
51634.859	33.632	35.112	1.026	26.051	14.742
12/14/2016 11:30:00 PM	610200.000	7.555	11.567	17.019	38372.691
51616.148	33.618	35.099	1.026	26.060	14.741

Report Date: 12/19/2016 10:30:24 AM
Report User Name: ELinden
Report Computer Name: WKST47
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:
File Name: MPWSP TSW Trans 2_2016-12-15_08-53-04-516.wsl
Create Date: 12/15/2016 8:46:51 AM

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

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

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

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

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

TDS Factor: 0.68

Log Notes:

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

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

3/31/2016 9:38:50 AM Log Download - Used Battery: 4% Used Memory: 59% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:30:00 AM
4/7/2016 12:16:25 PM Log Download - Used Battery: 4% Used Memory: 60% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 12:15:00 PM
4/14/2016 5:22:07 PM Log Download - Used Battery: 4% Used Memory: 60% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 6:15:00 PM
4/21/2016 10:50:29 AM Log Download - Used Battery: 4% Used Memory: 62% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:45:00 AM
4/28/2016 1:54:21 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 2:00:00 PM
5/5/2016 10:54:03 AM Log Download - Used Battery: 4% Used Memory: 64% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 11:30:00 AM

Log Data:
Record Count: 716
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)
12/8/2016 12:00:00 AM	7200.000	9.447	15.954	21.280	35713.590	43172.965	27.891	29.358	28.001	1.020
12/8/2016 12:15:00 AM	8100.000	9.471	15.955	21.335	33642.945	40669.250	26.105	27.655	29.724	1.019
12/8/2016 12:30:00 AM	9000.000	9.436	15.941	21.255	38856.660	46987.074	30.641	31.951	25.736	1.022
12/8/2016 12:45:00 AM	9900.000	9.462	15.951	21.313	36919.941	44634.105	28.941	30.351	27.086	1.021
12/8/2016 1:00:00 AM	10800.000	9.466	15.953	21.324	37265.289	45049.777	29.240	30.634	26.835	1.021
12/8/2016 1:15:00 AM	11700.000	9.432	15.955	21.246	35033.324	42349.332	27.302	28.798	28.544	1.020
12/8/2016 1:30:00 AM	12600.000	9.361	15.955	21.086	33109.664	40024.688	25.648			

27.217	30.203	1.019	
12/8/2016 1:45:00 AM	13500.000	9.448	15.943
21.282	38811.430	46930.188	30.600
31.913	25.766	1.022	
12/8/2016 2:00:00 AM	14400.000	9.407	15.952
21.190	38782.289	46884.527	30.567
31.881	25.785	1.022	
12/8/2016 2:15:00 AM	15300.000	9.461	15.955
21.313	36570.766	44208.449	28.635
30.062	27.344	1.021	
12/8/2016 2:30:00 AM	16200.000	9.487	15.956
21.371	35608.027	43043.078	27.798
29.269	28.084	1.020	
12/8/2016 2:45:00 AM	17100.000	9.545	15.956
21.501	34831.551	42104.645	27.127
28.631	28.710	1.020	
12/8/2016 3:00:00 AM	18000.000	9.555	15.940
21.524	38826.660	46951.273	30.615
31.927	25.755	1.022	
12/8/2016 3:15:00 AM	18900.000	9.543	15.932
21.498	38832.152	46967.113	30.626
31.938	25.752	1.022	
12/8/2016 3:30:00 AM	19800.000	9.512	15.957
21.426	38641.172	46708.977	30.440
31.762	25.879	1.022	
12/8/2016 3:45:00 AM	20700.000	9.646	15.957
21.728	36579.602	44217.238	28.641
30.068	27.338	1.021	
12/8/2016 4:00:00 AM	21600.000	9.488	15.956
21.374	35891.129	43385.645	28.044
29.502	27.862	1.020	
12/8/2016 4:15:00 AM	22500.000	9.673	15.959
21.788	34660.543	41895.363	26.978
28.489	28.851	1.020	
12/8/2016 4:30:00 AM	23400.000	9.682	15.958
21.809	34073.414	41186.691	26.473
28.007	29.348	1.019	
12/8/2016 4:45:00 AM	24300.000	9.687	15.958
21.822	35142.453	42478.125	27.394
28.885	28.456	1.020	
12/8/2016 5:00:00 AM	25200.000	9.667	15.958
21.776	34470.371	41665.918	26.815
28.333	29.010	1.019	
12/8/2016 5:15:00 AM	26100.000	9.657	15.961
21.754	33774.102	40822.141	26.214
27.759	29.608	1.019	
12/8/2016 5:30:00 AM	27000.000	9.656	15.961
21.752	34552.313	41762.074	26.883
28.398	28.942	1.020	
12/8/2016 5:45:00 AM	27900.000	9.667	15.950
21.776	38768.063	46869.816	30.557
31.871	25.794	1.022	
12/8/2016 6:00:00 AM	28800.000	9.657	15.946
21.754	38764.895	46870.191	30.557
31.872	25.797	1.022	

12/8/2016 6:15:00 AM	29700.000	9.759	15.954
21.984	37632.785	45492.551	29.560
30.935	26.573	1.022	
12/8/2016 6:30:00 AM	30600.000	10.149	15.961
22.861	36116.441	43652.844	28.236
29.684	27.688	1.021	
12/8/2016 6:45:00 AM	31500.000	10.184	15.963
22.940	37033.434	44759.367	29.032
30.436	27.003	1.021	
12/8/2016 7:00:00 AM	32400.000	10.215	15.964
23.010	37114.684	44856.641	29.102
30.503	26.944	1.021	
12/8/2016 7:15:00 AM	33300.000	10.170	15.965
22.909	35048.426	42358.082	27.309
28.803	28.532	1.020	
12/8/2016 7:30:00 AM	34200.000	10.161	15.965
22.890	35554.391	42969.395	27.746
29.219	28.126	1.020	
12/8/2016 7:45:00 AM	35100.000	10.081	15.963
22.708	35956.387	43457.348	28.096
29.551	27.811	1.020	
12/8/2016 8:00:00 AM	36000.000	10.220	15.966
23.020	35334.598	42702.801	27.555
29.038	28.301	1.020	
12/8/2016 8:15:00 AM	36900.000	10.174	15.967
22.919	34437.871	41618.141	26.781
28.300	29.038	1.019	
12/8/2016 8:30:00 AM	37800.000	10.345	15.964
23.303	35454.191	42849.172	27.660
29.137	28.205	1.020	
12/8/2016 8:45:00 AM	38700.000	10.523	15.965
23.703	36261.707	43824.047	28.359
29.800	27.577	1.021	
12/8/2016 9:00:00 AM	39600.000	10.501	15.971
23.655	35462.715	42852.926	27.663
29.140	28.199	1.020	
12/8/2016 9:15:00 AM	40500.000	10.482	15.972
23.611	35810.191	43272.012	27.963
29.425	27.925	1.020	
12/8/2016 9:30:00 AM	41400.000	10.515	15.974
23.686	35062.305	42366.473	27.315
28.809	28.521	1.020	
12/8/2016 9:45:00 AM	42300.000	10.548	15.968
23.760	36402.824	43992.262	28.480
29.915	27.470	1.021	
12/8/2016 10:00:00 AM	43200.000	10.553	15.971
23.771	34771.676	42017.617	27.066
28.572	28.759	1.020	
12/8/2016 10:15:00 AM	44100.000	10.404	15.968
23.436	35902.000	43386.941	28.045
29.503	27.854	1.020	
12/8/2016 10:30:00 AM	45000.000	10.450	15.967
23.539	34976.859	42270.121	27.246
28.744	28.590	1.020	
12/8/2016 10:45:00 AM	45900.000	10.437	15.964

23.510	35912.914	43404.012	28.057
29.515	27.845	1.020	
12/8/2016 11:00:00 AM	46800.000	10.348	15.962
23.310	36415.844	44013.461	28.495
29.929	27.461	1.021	
12/8/2016 11:15:00 AM	47700.000	10.385	15.962
23.393	35812.566	43284.586	27.972
29.434	27.923	1.020	
12/8/2016 11:30:00 AM	48600.000	10.298	15.959
23.196	35888.438	43378.945	28.039
29.498	27.864	1.020	
12/8/2016 11:45:00 AM	49500.000	10.195	15.940
22.966	35230.793	42603.145	27.483
28.970	28.384	1.020	
12/8/2016 12:00:00 PM	50400.000	10.130	15.963
22.819	34718.980	41962.070	27.026
28.534	28.803	1.020	
12/8/2016 12:15:00 PM	51300.000	10.171	15.962
22.912	35227.445	42577.824	27.466
28.953	28.387	1.020	
12/8/2016 12:30:00 PM	52200.000	10.051	15.960
22.641	34607.805	41829.996	26.932
28.444	28.895	1.020	
12/8/2016 12:45:00 PM	53100.000	9.964	15.958
22.444	35042.113	42357.180	27.308
28.803	28.537	1.020	
12/8/2016 1:00:00 PM	54000.000	9.879	15.894
22.254	38823.238	46997.742	30.646
31.958	25.758	1.022	
12/8/2016 1:15:00 PM	54900.000	9.802	15.896
22.079	38806.727	46974.594	30.629
31.943	25.769	1.022	
12/8/2016 1:30:00 PM	55800.000	9.869	15.898
22.230	38772.605	46931.863	30.598
31.914	25.791	1.022	
12/8/2016 1:45:00 PM	56700.000	9.781	15.934
22.032	38774.523	46895.309	30.574
31.889	25.790	1.022	
12/8/2016 2:00:00 PM	57600.000	9.817	15.947
22.113	38668.305	46751.879	30.471
31.791	25.861	1.022	
12/8/2016 2:15:00 PM	58500.000	9.748	15.951
21.959	38515.379	46563.570	30.335
31.663	25.964	1.022	
12/8/2016 2:30:00 PM	59400.000	9.732	15.947
21.923	37392.715	45210.168	29.356
30.743	26.743	1.021	
12/8/2016 2:45:00 PM	60300.000	9.743	15.951
21.948	36890.148	44598.090	28.915
30.327	27.108	1.021	
12/8/2016 3:00:00 PM	61200.000	9.742	15.949
21.946	36153.078	43708.789	28.275
29.722	27.660	1.021	
12/8/2016 3:15:00 PM	62100.000	9.729	15.951
21.915	34694.609	41943.645	27.012

28.522 28.823 1.020
12/8/2016 3:30:00 PM 63000.000 9.711 15.949
21.875 35049.449 42375.125 27.320
28.815 28.531 1.020
12/8/2016 3:45:00 PM 63900.000 9.755 15.948
21.975 34999.813 42315.801 27.278
28.775 28.572 1.020
12/8/2016 4:00:00 PM 64800.000 9.709 15.949
21.871 34129.172 41262.828 26.527
28.059 29.300 1.019
12/8/2016 4:15:00 PM 65700.000 9.796 15.935
22.066 38721.410 46829.637 30.527
31.844 25.826 1.022
12/8/2016 4:30:00 PM 66600.000 9.883 15.932
22.261 38733.043 46846.387 30.538
31.856 25.818 1.022
12/8/2016 4:45:00 PM 67500.000 9.749 15.947
21.961 37453.445 45283.141 29.408
30.793 26.700 1.021
12/8/2016 5:00:00 PM 68400.000 9.787 15.949
22.046 38536.152 46590.094 30.354
31.681 25.950 1.022
12/8/2016 5:15:00 PM 69300.000 9.767 15.947
22.002 35711.465 43177.703 27.894
29.361 28.002 1.020
12/8/2016 5:30:00 PM 70200.000 9.773 15.947
22.015 36838.250 44540.066 28.873
30.287 27.146 1.021
12/8/2016 5:45:00 PM 71100.000 9.759 15.946
21.983 35755.324 43231.254 27.933
29.397 27.968 1.020
12/8/2016 6:00:00 PM 72000.000 9.737 15.948
21.933 35254.043 42623.688 27.498
28.984 28.366 1.020
12/8/2016 6:15:00 PM 72900.000 9.730 15.946
21.917 35138.848 42486.230 27.399
28.891 28.459 1.020
12/8/2016 6:30:00 PM 73800.000 9.743 15.946
21.947 34345.324 41527.043 26.715
28.238 29.116 1.019
12/8/2016 6:45:00 PM 74700.000 9.695 15.948
21.839 33543.711 40555.492 26.024
27.578 29.812 1.019
12/8/2016 7:00:00 PM 75600.000 9.725 15.946
21.906 34625.512 41864.887 26.956
28.468 28.880 1.020
12/8/2016 7:15:00 PM 76500.000 9.659 15.932
21.758 38725.281 46837.375 30.532
31.849 25.823 1.022
12/8/2016 7:30:00 PM 77400.000 9.768 15.942
22.004 37528.652 45379.805 29.478
30.858 26.646 1.022
12/8/2016 7:45:00 PM 78300.000 9.690 15.944
21.827 38572.445 46639.301 30.389
31.715 25.925 1.022

12/8/2016 8:00:00 PM	79200.000	9.659	15.944
21.759	35954.242	43473.816	28.106
29.562	27.813	1.020	
12/8/2016 8:15:00 PM	80100.000	9.617	15.943
21.663	36359.449	43964.387	28.458
29.896	27.503	1.021	
12/8/2016 8:30:00 PM	81000.000	9.593	15.940
21.610	35828.609	43325.699	28.000
29.461	27.911	1.020	
12/8/2016 8:45:00 PM	81900.000	9.523	15.937
21.450	34996.836	42323.152	27.282
28.780	28.574	1.020	
12/8/2016 9:00:00 PM	82800.000	9.481	15.938
21.356	34551.992	41783.836	26.897
28.413	28.942	1.020	
12/8/2016 9:15:00 PM	83700.000	9.470	15.939
21.333	33790.977	40862.695	26.242
27.787	29.594	1.019	
12/8/2016 9:30:00 PM	84600.000	9.393	15.881
21.158	38742.461	46913.469	30.584
31.901	25.811	1.022	
12/8/2016 9:45:00 PM	85500.000	9.393	15.933
21.158	38630.023	46721.309	30.448
31.770	25.887	1.022	
12/8/2016 10:00:00 PM	86400.000	9.388	15.932
21.146	36736.387	44432.215	28.794
30.214	27.221	1.021	
12/8/2016 10:15:00 PM	87300.000	9.270	15.931
20.881	34197.648	41362.398	26.597
28.126	29.242	1.019	
12/8/2016 10:30:00 PM	88200.000	9.281	15.916
20.906	38724.398	46853.992	30.543
31.861	25.824	1.022	
12/8/2016 10:45:00 PM	89100.000	9.272	15.931
20.886	37688.945	45585.535	29.626
30.998	26.533	1.022	
12/8/2016 11:00:00 PM	90000.000	9.279	15.931
20.901	35647.617	43116.508	27.849
29.319	28.052	1.020	
12/8/2016 11:15:00 PM	90900.000	9.143	15.930
20.596	32339.275	39115.242	25.003
26.598	30.922	1.018	
12/8/2016 11:30:00 PM	91800.000	9.136	15.929
20.580	38281.281	46303.672	30.145
31.486	26.122	1.022	
12/8/2016 11:45:00 PM	92700.000	9.099	15.922
20.496	38614.746	46714.266	30.442
31.766	25.897	1.022	
12/9/2016 12:00:00 AM	93600.000	9.038	15.865
20.359	38729.766	46915.250	30.584
31.902	25.820	1.022	
12/9/2016 12:15:00 AM	94500.000	9.044	15.874
20.372	38769.434	46954.184	30.613
31.929	25.794	1.022	
12/9/2016 12:30:00 AM	95400.000	9.045	15.914

20.376	38683.578	46806.316	30.508
31.828	25.851	1.022	
12/9/2016 12:45:00 AM	96300.000	9.063	15.898
20.415	38732.027	46882.066	30.562
31.880	25.818	1.022	
12/9/2016 1:00:00 AM	97200.000	9.094	15.920
20.484	38689.668	46807.383	30.509
31.829	25.847	1.022	
12/9/2016 1:15:00 AM	98100.000	9.039	15.873
20.362	38801.098	46993.586	30.641
31.956	25.772	1.022	
12/9/2016 1:30:00 AM	99000.000	9.129	15.913
20.564	38659.691	46779.039	30.488
31.810	25.867	1.022	
12/9/2016 1:45:00 AM	99900.000	9.374	15.904
21.115	38693.270	46828.941	30.524
31.844	25.844	1.022	
12/9/2016 2:00:00 AM	100800.000	9.569	15.897
21.555	38668.395	46806.941	30.508
31.829	25.861	1.022	
12/9/2016 2:15:00 AM	101700.000	9.633	15.892
21.699	38708.871	46861.012	30.546
31.865	25.834	1.022	
12/9/2016 2:30:00 AM	102600.000	9.667	15.924
21.776	38610.738	46707.031	30.437
31.761	25.900	1.022	
12/9/2016 2:45:00 AM	103500.000	9.673	15.919
21.790	38627.238	46732.805	30.455
31.778	25.888	1.022	
12/9/2016 3:00:00 AM	104400.000	9.735	15.912
21.930	38678.512	46802.766	30.505
31.826	25.854	1.022	
12/9/2016 3:15:00 AM	105300.000	9.671	15.902
21.785	38677.586	46812.727	30.512
31.833	25.855	1.022	
12/9/2016 3:30:00 AM	106200.000	9.655	15.897
21.749	38666.484	46804.738	30.506
31.827	25.862	1.022	
12/9/2016 3:45:00 AM	107100.000	9.641	15.928
21.718	38614.461	46708.199	30.438
31.762	25.897	1.022	
12/9/2016 4:00:00 AM	108000.000	9.588	15.919
21.599	38660.289	46772.793	30.484
31.806	25.866	1.022	
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21.719	38685.516	46813.719	30.513
31.833	25.849	1.022	
12/9/2016 4:30:00 AM	109800.000	9.537	15.929
21.484	38528.395	46602.484	30.361
31.690	25.955	1.022	
12/9/2016 4:45:00 AM	110700.000	9.548	15.926
21.508	38634.457	46733.813	30.456
31.779	25.884	1.022	
12/9/2016 5:00:00 AM	111600.000	9.571	15.918
21.559	38622.426	46728.031	30.452

31.775	25.892	1.022	
12/9/2016 5:15:00 AM	112500.000	9.622	15.914
21.675	38650.078	46766.168	30.479
31.801	25.873	1.022	
12/9/2016 5:30:00 AM	113400.000	9.603	15.905
21.632	38693.438	46828.285	30.524
31.843	25.844	1.022	
12/9/2016 5:45:00 AM	114300.000	9.623	15.903
21.678	38687.668	46823.492	30.520
31.840	25.848	1.022	
12/9/2016 6:00:00 AM	115200.000	9.538	15.891
21.485	38699.031	46850.633	30.539
31.858	25.840	1.022	
12/9/2016 6:15:00 AM	116100.000	9.574	15.890
21.566	38703.262	46856.430	30.543
31.862	25.838	1.022	
12/9/2016 6:30:00 AM	117000.000	9.646	15.888
21.728	38673.402	46822.469	30.518
31.839	25.858	1.022	
12/9/2016 6:45:00 AM	117900.000	10.066	15.889
22.674	38642.359	46783.168	30.490
31.813	25.878	1.022	
12/9/2016 7:00:00 AM	118800.000	9.902	15.889
22.305	38679.426	46828.043	30.522
31.843	25.854	1.022	
12/9/2016 7:15:00 AM	119700.000	9.958	15.888
22.431	38640.832	46782.953	30.490
31.812	25.879	1.022	
12/9/2016 7:30:00 AM	120600.000	10.113	15.889
22.780	38628.934	46767.410	30.478
31.802	25.887	1.022	
12/9/2016 7:45:00 AM	121500.000	10.127	15.887
22.812	38669.168	46818.309	30.515
31.836	25.860	1.022	
12/9/2016 8:00:00 AM	122400.000	10.183	15.890
22.938	38665.785	46810.488	30.510
31.831	25.863	1.022	
12/9/2016 8:15:00 AM	123300.000	10.248	15.893
23.084	38677.559	46822.156	30.518
31.839	25.855	1.022	
12/9/2016 8:30:00 AM	124200.000	10.217	15.892
23.014	38658.527	46800.266	30.502
31.824	25.868	1.022	
12/9/2016 8:45:00 AM	125100.000	10.565	15.890
23.798	38583.598	46710.988	30.438
31.763	25.918	1.022	
12/9/2016 9:00:00 AM	126000.000	10.511	15.895
23.676	38622.793	46752.996	30.468
31.792	25.891	1.022	
12/9/2016 9:15:00 AM	126900.000	10.630	15.897
23.946	38667.711	46805.754	30.507
31.828	25.861	1.022	
12/9/2016 9:30:00 AM	127800.000	10.553	15.898
23.772	38618.863	46745.855	30.463
31.787	25.894	1.022	

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23.898	38593.504	46716.289	30.442
31.767	25.911	1.022	
12/9/2016 10:00:00 AM	129600.000	10.585	15.896
23.843	38652.660	46789.063	30.494
31.817	25.871	1.022	
12/9/2016 10:15:00 AM	130500.000	10.547	15.895
23.759	38664.805	46804.043	30.505
31.827	25.863	1.022	
12/9/2016 10:30:00 AM	131400.000	10.454	15.893
23.549	38645.973	46783.738	30.490
31.813	25.876	1.022	
12/9/2016 10:45:00 AM	132300.000	10.573	15.888
23.817	38666.824	46813.852	30.512
31.833	25.862	1.022	
12/9/2016 11:00:00 AM	133200.000	10.340	15.887
23.291	38661.445	46808.777	30.508
31.830	25.866	1.022	
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23.223	38685.438	46837.328	30.529
31.849	25.850	1.022	
12/9/2016 11:30:00 AM	135000.000	10.128	15.886
22.813	38688.582	46842.766	30.533
31.853	25.847	1.022	
12/9/2016 11:45:00 AM	135900.000	10.092	15.882
22.733	38679.465	46836.227	30.528
31.849	25.854	1.022	
12/9/2016 12:00:00 PM	136800.000	10.108	15.880
22.769	38695.348	46857.941	30.543
31.863	25.843	1.022	
12/9/2016 12:15:00 PM	137700.000	10.023	15.903
22.578	38683.961	46818.434	30.516
31.837	25.851	1.022	
12/9/2016 12:30:00 PM	138600.000	10.066	15.897
22.675	38680.980	46821.996	30.518
31.839	25.852	1.022	
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22.564	38660.449	46796.965	30.500
31.822	25.866	1.022	
12/9/2016 1:00:00 PM	140400.000	9.910	15.889
22.323	38678.305	46826.684	30.521
31.842	25.854	1.022	
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22.155	38671.234	46826.832	30.521
31.842	25.859	1.022	
12/9/2016 1:30:00 PM	142200.000	9.927	15.878
22.361	38729.648	46901.590	30.575
31.893	25.820	1.022	
12/9/2016 1:45:00 PM	143100.000	9.821	15.902
22.123	38674.090	46807.828	30.509
31.829	25.857	1.022	
12/9/2016 2:00:00 PM	144000.000	9.789	15.894
22.052	38681.855	46825.922	30.521
31.842	25.852	1.022	
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21.923	38692.094	46852.664	30.540
31.860	25.845	1.022	
12/9/2016 2:30:00 PM	145800.000	9.672	15.877
21.788	38665.098	46823.891	30.519
31.840	25.863	1.022	
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21.727	38697.387	46866.738	30.549
31.869	25.842	1.022	
12/9/2016 3:00:00 PM	147600.000	9.667	15.893
21.775	38703.977	46853.461	30.541
31.860	25.837	1.022	
12/9/2016 3:15:00 PM	148500.000	9.597	15.882
21.619	38676.129	46831.992	30.525
31.846	25.856	1.022	
12/9/2016 3:30:00 PM	149400.000	9.628	15.879
21.688	38722.105	46891.117	30.567
31.886	25.825	1.022	
12/9/2016 3:45:00 PM	150300.000	9.520	15.870
21.445	38673.590	46842.414	30.531
31.853	25.857	1.022	
12/9/2016 4:00:00 PM	151200.000	9.454	15.864
21.297	38672.512	46846.848	30.534
31.856	25.858	1.022	
12/9/2016 4:15:00 PM	152100.000	9.529	15.861
21.465	38679.066	46858.520	30.543
31.864	25.854	1.022	
12/9/2016 4:30:00 PM	153000.000	9.520	15.864
21.445	38668.758	46843.066	30.532
31.853	25.861	1.022	
12/9/2016 4:45:00 PM	153900.000	9.531	15.863
21.470	38656.191	46828.988	30.521
31.844	25.869	1.022	
12/9/2016 5:00:00 PM	154800.000	9.565	15.862
21.546	38696.004	46877.996	30.557
31.877	25.842	1.022	
12/9/2016 5:15:00 PM	155700.000	9.632	15.871
21.696	38688.242	46858.633	30.543
31.864	25.848	1.022	
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21.641	38683.914	46860.750	30.544
31.865	25.851	1.022	
12/9/2016 5:45:00 PM	157500.000	9.599	15.861
21.622	38675.488	46853.711	30.539
31.861	25.856	1.022	
12/9/2016 6:00:00 PM	158400.000	9.596	15.863
21.616	38676.996	46853.527	30.539
31.860	25.855	1.022	
12/9/2016 6:15:00 PM	159300.000	9.734	15.884
21.928	38613.406	46753.559	30.468
31.792	25.898	1.022	
12/9/2016 6:30:00 PM	160200.000	9.601	15.872
21.626	38684.785	46852.996	30.539
31.860	25.850	1.022	
12/9/2016 6:45:00 PM	161100.000	9.653	15.872
21.745	38669.512	46835.176	30.526

31.848	25.860	1.022	
12/9/2016 7:00:00 PM	162000.000	9.664	15.865
21.770	38684.512	46860.434	30.544
31.865	25.850	1.022	
12/9/2016 7:15:00 PM	162900.000	9.645	15.865
21.727	38659.359	46830.629	30.523
31.845	25.867	1.022	
12/9/2016 7:30:00 PM	163800.000	9.669	15.864
21.781	38641.211	46809.219	30.507
31.830	25.879	1.022	
12/9/2016 7:45:00 PM	164700.000	9.611	15.883
21.649	38634.555	46780.234	30.487
31.811	25.884	1.022	
12/9/2016 8:00:00 PM	165600.000	9.688	15.882
21.823	38707.055	46870.027	30.552
31.872	25.835	1.022	
12/9/2016 8:15:00 PM	166500.000	9.590	15.869
21.603	38676.379	46845.980	30.534
31.855	25.856	1.022	
12/9/2016 8:30:00 PM	167400.000	9.597	15.867
21.619	38656.980	46825.074	30.519
31.841	25.869	1.022	
12/9/2016 8:45:00 PM	168300.000	9.482	15.859
21.359	38679.402	46860.852	30.544
31.865	25.854	1.022	
12/9/2016 9:00:00 PM	169200.000	9.494	15.856
21.385	38701.281	46890.422	30.565
31.885	25.839	1.022	
12/9/2016 9:15:00 PM	170100.000	9.432	15.856
21.247	38646.391	46824.484	30.518
31.841	25.876	1.022	
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21.204	38685.680	46858.309	30.543
31.864	25.849	1.022	
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31.870	25.848	1.022	
12/9/2016 10:00:00 PM	172800.000	9.326	15.861
21.009	38659.527	46834.668	30.525
31.848	25.867	1.022	
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21.018	38654.082	46837.066	30.526
31.849	25.870	1.022	
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20.764	38682.234	46862.461	30.545
31.866	25.852	1.022	
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20.775	38669.828	46831.633	30.524
31.846	25.860	1.022	
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20.548	38700.598	46888.055	30.564
31.884	25.839	1.022	
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31.868	25.857	1.022	

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20.547 38659.801 46832.219 30.524
31.846 25.867 1.022
12/9/2016 11:45:00 PM 179100.000 9.074 15.887
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31.738 25.941 1.022
12/10/2016 12:00:00 AM 180000.000 9.019 15.839
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31.900 25.837 1.022
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31.847 25.869 1.022
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20.213 38632.855 46811.055 30.508
31.832 25.885 1.022
12/10/2016 12:45:00 AM 182700.000 8.981 15.862
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31.841 25.871 1.022
12/10/2016 1:00:00 AM 183600.000 9.161 15.872
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31.824 25.880 1.022
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31.832 25.877 1.022
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31.806 25.901 1.022
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21.553	38634.898	46775.293	30.484
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31.791	25.902	1.022	
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21.664	38605.215	46757.395	30.470
31.795	25.903	1.022	
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21.641	38628.684	46791.457	30.494
31.818	25.887	1.022	
12/10/2016 5:00:00 AM	198000.000	9.633	15.860
21.699	38596.527	46759.676	30.471
31.797	25.909	1.022	
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31.779	25.924	1.022	
12/10/2016 5:30:00 AM	199800.000	9.651	15.864
21.739	38622.023	46785.598	30.490
31.814	25.892	1.022	
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21.778	38602.609	46766.000	30.475
31.801	25.905	1.022	
12/10/2016 6:00:00 AM	201600.000	9.669	15.885
21.781	38606.324	46744.797	30.462
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21.662	38590.152	46731.414	30.452
31.777	25.913	1.022	
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31.773	25.926	1.022	
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21.792	38576.211	46719.414	30.443
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21.731	35732.824	43283.402	27.965
29.433	27.985	1.020	
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21.625	38590.449	46752.309	30.465
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21.653	38584.129	46738.246	30.456
31.782	25.917	1.022	
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21.742	38591.047	46757.145	30.469
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22.294	38565.480	46725.598	30.446

31.773	25.930	1.022	
12/10/2016 8:45:00 AM	211500.000	10.132	15.858
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31.837	25.877	1.022	
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22.815	38608.496	46773.602	30.481
31.806	25.901	1.022	
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22.938	38614.305	46777.387	30.484
31.809	25.897	1.022	
12/10/2016 9:30:00 AM	214200.000	10.345	15.862
23.304	38580.043	46736.938	30.455
31.781	25.920	1.022	
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23.310	38588.594	46746.141	30.461
31.787	25.914	1.022	
12/10/2016 10:00:00 AM	216000.000	10.423	15.861
23.478	38558.988	46712.867	30.437
31.765	25.934	1.022	
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23.617	38620.918	46786.926	30.491
31.815	25.893	1.022	
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23.510	38595.570	46757.652	30.469
31.795	25.910	1.022	
12/10/2016 10:45:00 AM	218700.000	10.452	15.858
23.544	38601.160	46767.293	30.476
31.802	25.906	1.022	
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31.759	25.939	1.022	
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31.777	25.926	1.022	
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23.483	38620.000	46789.355	30.492
31.817	25.893	1.022	
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23.617	38631.645	46808.539	30.506
31.830	25.886	1.022	
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23.627	38555.805	46716.449	30.439
31.767	25.936	1.022	
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23.481	38619.773	46795.203	30.496
31.821	25.893	1.022	
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23.257	38589.223	46761.719	30.472
31.798	25.914	1.022	
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23.197	38599.270	46772.457	30.480
31.805	25.907	1.022	
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23.195	38608.750	46785.004	30.489
31.814	25.901	1.022	

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22.868	38601.086	46774.953	30.481
31.807	25.906	1.022	
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22.897	38608.609	46787.320	30.490
31.815	25.901	1.022	
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22.947	38646.758	46836.328	30.525
31.849	25.875	1.022	
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22.158	38652.160	46850.926	30.536
31.859	25.872	1.022	
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21.909	38656.059	46857.172	30.540
31.863	25.869	1.022	
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21.666	38649.215	46847.258	30.533
31.856	25.874	1.022	
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21.810	38603.168	46768.961	30.477
31.803	25.905	1.022	
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21.707	38598.777	46773.207	30.480
31.806	25.908	1.022	
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21.676	38609.121	46763.363	30.474
31.799	25.901	1.022	
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21.702	38612.574	46779.113	30.485
31.810	25.898	1.022	
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21.850	38647.805	46828.887	30.521
31.844	25.875	1.022	
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21.670	38648.234	46838.406	30.527
31.850	25.874	1.022	
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21.882	38587.781	46764.656	30.473
31.800	25.915	1.022	
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21.716	38632.199	46812.270	30.508
31.832	25.885	1.022	
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21.812	38604.539	46785.262	30.488
31.814	25.904	1.022	
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21.855	38613.113	46775.078	30.482
31.807	25.898	1.022	
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21.875	38616.715	46790.539	30.493
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22.152	38584.703	46726.258	30.448
31.774	25.917	1.022	
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22.519	38613.133	46766.891	30.477
31.801	25.898	1.022	
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22.282	38609.645	46757.230	30.470
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22.177	38602.105	46774.652	30.481
31.807	25.905	1.022	
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22.103	38595.621	46772.820	30.479
31.806	25.910	1.022	
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21.885	38605.895	46791.301	30.493
31.818	25.903	1.022	
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21.818	38628.340	46793.430	30.496
31.820	25.888	1.022	
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21.628	38584.820	46746.059	30.461
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21.671	38613.418	46794.387	30.495
31.820	25.898	1.022	
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21.135	38626.051	46824.250	30.516
31.840	25.889	1.022	
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31.843	25.887	1.022	
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21.001	38621.863	46821.762	30.514
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20.703	38653.730	46857.230	30.540

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20.696	38622.910	46829.457	30.519
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20.609	38592.988	46780.332	30.484
31.811	25.911	1.022	
12/10/2016 11:00:00 PM	262800.000	9.226	15.853
20.783	38630.520	46808.516	30.506
31.830	25.886	1.022	
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20.601	38598.434	46781.102	30.485
31.811	25.908	1.022	
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20.626	38596.004	46778.727	30.483
31.810	25.909	1.022	
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20.624	38610.215	46796.809	30.496
31.822	25.900	1.022	
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20.653	38617.047	46802.801	30.501
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20.606	38573.328	46756.891	30.467
31.795	25.925	1.022	
12/11/2016 12:30:00 AM	268200.000	8.998	15.832
20.269	38619.688	46818.164	30.511
31.836	25.894	1.022	
12/11/2016 12:45:00 AM	269100.000	9.078	15.840
20.450	38617.426	46806.906	30.504
31.829	25.895	1.022	
12/11/2016 1:00:00 AM	270000.000	9.048	15.846
20.381	38653.480	46844.188	30.531
31.854	25.871	1.022	
12/11/2016 1:15:00 AM	270900.000	9.081	15.856
20.455	38591.898	46758.645	30.470
31.796	25.912	1.022	
12/11/2016 1:30:00 AM	271800.000	9.521	15.843
21.448	38601.230	46783.449	30.487
31.813	25.906	1.022	
12/11/2016 1:45:00 AM	272700.000	9.580	15.838
21.580	38607.117	46795.938	30.496
31.821	25.902	1.022	
12/11/2016 2:00:00 AM	273600.000	9.527	15.831
21.460	38599.570	46794.645	30.494
31.820	25.907	1.022	
12/11/2016 2:15:00 AM	274500.000	9.603	15.846
21.632	38577.320	46751.688	30.464
31.791	25.922	1.022	
12/11/2016 2:30:00 AM	275400.000	9.638	15.827
21.711	38573.398	46767.395	30.474
31.802	25.925	1.022	
12/11/2016 2:45:00 AM	276300.000	9.642	15.830
21.720	38563.801	46752.430	30.464
31.792	25.931	1.022	

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21.802	38540.512	46728.875	30.446
31.776	25.947	1.022	
12/11/2016 3:15:00 AM	278100.000	9.674	15.843
21.792	38571.398	46747.008	30.461
31.788	25.926	1.022	
12/11/2016 3:30:00 AM	279000.000	9.653	15.838
21.745	38569.957	46750.617	30.463
31.790	25.927	1.022	
12/11/2016 3:45:00 AM	279900.000	9.648	15.837
21.733	38597.227	46785.109	30.488
31.814	25.909	1.022	
12/11/2016 4:00:00 AM	280800.000	9.699	15.836
21.848	38587.359	46774.191	30.480
31.806	25.915	1.022	
12/11/2016 4:15:00 AM	281700.000	9.749	15.835
21.960	38546.234	46725.586	30.444
31.773	25.943	1.022	
12/11/2016 4:30:00 AM	282600.000	9.755	15.883
21.975	38423.324	46525.406	30.303
31.637	26.026	1.022	
12/11/2016 4:45:00 AM	283500.000	9.697	15.882
21.843	38487.461	46604.016	30.359
31.691	25.982	1.022	
12/11/2016 5:00:00 AM	284400.000	9.767	15.876
22.000	38517.023	46646.102	30.390
31.719	25.963	1.022	
12/11/2016 5:15:00 AM	285300.000	9.743	15.870
21.947	38513.852	46649.035	30.391
31.721	25.965	1.022	
12/11/2016 5:30:00 AM	286200.000	9.782	15.863
22.034	38546.379	46695.957	30.425
31.753	25.943	1.022	
12/11/2016 5:45:00 AM	287100.000	9.840	15.861
22.165	38588.754	46749.215	30.463
31.789	25.914	1.022	
12/11/2016 6:00:00 AM	288000.000	9.806	15.853
22.088	38580.883	46748.457	30.462
31.789	25.920	1.022	
12/11/2016 6:15:00 AM	288900.000	9.843	15.847
22.173	38562.750	46732.512	30.450
31.778	25.932	1.022	
12/11/2016 6:30:00 AM	289800.000	9.762	15.846
21.989	38545.656	46713.125	30.436
31.765	25.943	1.022	
12/11/2016 6:45:00 AM	290700.000	9.779	15.842
22.028	38590.461	46772.008	30.479
31.805	25.913	1.022	
12/11/2016 7:00:00 AM	291600.000	9.800	15.835
22.076	38605.355	46797.723	30.497
31.822	25.903	1.022	
12/11/2016 7:15:00 AM	292500.000	9.878	15.836
22.250	38565.895	46748.457	30.461
31.789	25.930	1.022	
12/11/2016 7:30:00 AM	293400.000	9.883	15.859

22.261	38580.254	46740.527	30.457
31.784	25.920	1.022	
12/11/2016 7:45:00 AM	294300.000	9.807	15.855
22.090	38540.422	46697.051	30.425
31.754	25.947	1.022	
12/11/2016 8:00:00 AM	295200.000	9.851	15.850
22.191	38585.594	46757.512	30.469
31.795	25.916	1.022	
12/11/2016 8:15:00 AM	296100.000	9.767	15.844
22.000	38596.332	46776.176	30.482
31.808	25.909	1.022	
12/11/2016 8:30:00 AM	297000.000	9.711	15.839
21.875	38567.766	46747.383	30.461
31.788	25.928	1.022	
12/11/2016 8:45:00 AM	297900.000	9.817	15.859
22.113	38558.426	46714.754	30.438
31.766	25.935	1.022	
12/11/2016 9:00:00 AM	298800.000	9.715	15.852
21.884	38562.836	46727.262	30.447
31.775	25.932	1.022	
12/11/2016 9:15:00 AM	299700.000	9.971	15.849
22.461	38596.988	46772.188	30.479
31.805	25.909	1.022	
12/11/2016 9:30:00 AM	300600.000	10.310	15.846
23.224	38534.133	46698.879	30.426
31.755	25.951	1.022	
12/11/2016 9:45:00 AM	301500.000	10.408	15.842
23.445	38525.352	46692.445	30.421
31.751	25.957	1.022	
12/11/2016 10:00:00 AM	302400.000	10.506	15.842
23.665	38557.871	46732.426	30.450
31.778	25.935	1.022	
12/11/2016 10:15:00 AM	303300.000	10.498	15.847
23.647	38534.754	46699.246	30.426
31.755	25.951	1.022	
12/11/2016 10:30:00 AM	304200.000	10.630	15.843
23.946	38536.867	46705.336	30.430
31.760	25.949	1.022	
12/11/2016 10:45:00 AM	305100.000	10.620	15.845
23.923	38530.434	46695.355	30.423
31.753	25.954	1.022	
12/11/2016 11:00:00 AM	306000.000	10.686	15.845
24.070	38512.578	46673.613	30.407
31.738	25.966	1.022	
12/11/2016 11:15:00 AM	306900.000	10.648	15.844
23.987	38535.559	46703.469	30.429
31.758	25.950	1.022	
12/11/2016 11:30:00 AM	307800.000	10.690	15.843
24.081	38580.273	46758.621	30.469
31.796	25.920	1.022	
12/11/2016 11:45:00 AM	308700.000	10.668	15.840
24.031	38572.160	46751.359	30.463
31.791	25.925	1.022	
12/11/2016 12:00:00 PM	309600.000	10.699	15.840
24.101	38581.590	46763.270	30.472

31.799	25.919	1.022	
12/11/2016 12:15:00 PM	310500.000	10.738	15.841
24.187	38537.113	46707.648	30.432
31.761	25.949	1.022	
12/11/2016 12:30:00 PM	311400.000	10.711	15.839
24.128	38549.070	46724.523	30.444
31.773	25.941	1.022	
12/11/2016 12:45:00 PM	312300.000	10.643	15.841
23.975	38542.270	46714.855	30.437
31.766	25.946	1.022	
12/11/2016 1:00:00 PM	313200.000	10.638	15.838
23.964	38576.391	46759.273	30.469
31.796	25.923	1.022	
12/11/2016 1:15:00 PM	314100.000	10.608	15.837
23.896	38551.852	46730.469	30.448
31.777	25.939	1.022	
12/11/2016 1:30:00 PM	315000.000	10.524	15.835
23.705	38556.547	46737.988	30.453
31.782	25.936	1.022	
12/11/2016 1:45:00 PM	315900.000	10.427	15.830
23.488	38579.711	46772.090	30.478
31.805	25.920	1.022	
12/11/2016 2:00:00 PM	316800.000	10.377	15.828
23.376	38576.633	46769.594	30.476
31.803	25.922	1.022	
12/11/2016 2:15:00 PM	317700.000	10.246	15.826
23.079	38590.648	46788.695	30.490
31.816	25.913	1.022	
12/11/2016 2:30:00 PM	318600.000	10.169	15.822
22.906	38633.785	46845.508	30.531
31.855	25.884	1.022	
12/11/2016 2:45:00 PM	319500.000	10.019	15.850
22.569	38645.441	46829.938	30.521
31.844	25.876	1.022	
12/11/2016 3:00:00 PM	320400.000	9.844	15.843
22.174	38600.465	46782.613	30.486
31.812	25.906	1.022	
12/11/2016 3:15:00 PM	321300.000	9.716	15.834
21.887	38614.316	46808.785	30.505
31.830	25.897	1.022	
12/11/2016 3:30:00 PM	322200.000	9.787	15.830
22.046	38630.230	46832.383	30.522
31.846	25.886	1.022	
12/11/2016 3:45:00 PM	323100.000	9.587	15.831
21.596	38594.719	46789.141	30.490
31.817	25.910	1.022	
12/11/2016 4:00:00 PM	324000.000	9.504	15.822
21.408	38636.285	46848.621	30.533
31.857	25.882	1.022	
12/11/2016 4:15:00 PM	324900.000	9.565	15.821
21.546	38610.473	46818.480	30.511
31.837	25.900	1.022	
12/11/2016 4:30:00 PM	325800.000	9.519	15.812
21.443	38623.566	46844.805	30.529
31.854	25.891	1.022	

12/11/2016 4:45:00 PM	326700.000	9.485	15.823
21.366	38619.805	46827.777	30.518
31.843	25.893	1.022	
12/11/2016 5:00:00 PM	327600.000	9.481	15.807
21.356	38624.445	46850.855	30.533
31.859	25.890	1.022	
12/11/2016 5:15:00 PM	328500.000	9.517	15.813
21.439	38659.215	46886.117	30.559
31.883	25.867	1.022	
12/11/2016 5:30:00 PM	329400.000	9.548	15.812
21.508	38630.250	46852.340	30.535
31.860	25.886	1.022	
12/11/2016 5:45:00 PM	330300.000	9.503	15.811
21.406	38606.770	46825.191	30.515
31.841	25.902	1.022	
12/11/2016 6:00:00 PM	331200.000	9.617	15.819
21.663	38609.117	46818.656	30.511
31.837	25.901	1.022	
12/11/2016 6:15:00 PM	332100.000	9.632	15.862
21.696	38539.379	46688.145	30.419
31.748	25.947	1.022	
12/11/2016 6:30:00 PM	333000.000	9.696	15.856
21.841	38565.492	46726.570	30.447
31.774	25.930	1.022	
12/11/2016 6:45:00 PM	333900.000	9.673	15.870
21.790	38507.121	46640.883	30.385
31.716	25.969	1.022	
12/11/2016 7:00:00 PM	334800.000	9.682	15.865
21.809	38544.824	46691.023	30.421
31.750	25.944	1.022	
12/11/2016 7:15:00 PM	335700.000	9.796	15.872
22.067	38433.039	46548.770	30.319
31.653	26.019	1.022	
12/11/2016 7:30:00 PM	336600.000	9.738	15.869
21.937	37652.133	45606.320	29.637
31.012	26.559	1.022	
12/11/2016 7:45:00 PM	337500.000	9.798	15.871
22.070	38210.465	46279.660	30.124
31.470	26.171	1.022	
12/11/2016 8:00:00 PM	338400.000	9.738	15.868
21.937	36982.625	44795.645	29.052
30.461	27.040	1.021	
12/11/2016 8:15:00 PM	339300.000	9.768	15.866
22.003	37658.379	45616.309	29.644
31.019	26.555	1.022	
12/11/2016 8:30:00 PM	340200.000	9.756	15.869
21.976	36710.469	44464.910	28.814
30.236	27.240	1.021	
12/11/2016 8:45:00 PM	341100.000	9.814	15.864
22.108	37351.531	45246.648	29.377
30.768	26.773	1.021	
12/11/2016 9:00:00 PM	342000.000	9.813	15.871
22.104	36775.672	44542.070	28.869
30.289	27.192	1.021	
12/11/2016 9:15:00 PM	342900.000	9.755	15.868

21.975	36569.766	44296.383	28.693
30.122	27.345	1.021	
12/11/2016 9:30:00 PM	343800.000	9.737	15.871
21.933	35921.215	43507.434	28.126
29.585	27.839	1.020	
12/11/2016 9:45:00 PM	344700.000	9.771	15.870
22.009	36719.289	44475.316	28.821
30.243	27.234	1.021	
12/11/2016 10:00:00 PM	345600.000	9.750	15.869
21.963	35501.602	43000.598	27.763
29.240	28.168	1.020	
12/11/2016 10:15:00 PM	346500.000	9.600	15.869
21.625	35741.535	43291.648	27.971
29.438	27.979	1.020	
12/11/2016 10:30:00 PM	347400.000	9.691	15.870
21.830	35801.074	43363.152	28.023
29.487	27.932	1.020	
12/11/2016 10:45:00 PM	348300.000	9.563	15.821
21.541	38601.852	46807.938	30.503
31.829	25.905	1.022	
12/11/2016 11:00:00 PM	349200.000	9.559	15.805
21.532	38619.531	46846.813	30.530
31.856	25.894	1.022	
12/11/2016 11:15:00 PM	350100.000	9.497	15.807
21.392	38595.219	46815.883	30.508
31.835	25.910	1.022	
12/11/2016 11:30:00 PM	351000.000	9.426	15.807
21.232	38636.438	46865.020	30.544
31.868	25.882	1.022	
12/11/2016 11:45:00 PM	351900.000	9.406	15.807
21.188	38606.004	46827.918	30.517
31.843	25.903	1.022	
12/12/2016 12:00:00 AM	352800.000	9.361	15.844
21.087	38621.145	46807.113	30.504
31.829	25.893	1.022	
12/12/2016 12:15:00 AM	353700.000	9.322	15.856
20.998	38534.277	46688.828	30.419
31.748	25.951	1.022	
12/12/2016 12:30:00 AM	354600.000	9.282	15.855
20.908	38378.313	46500.059	30.282
31.620	26.056	1.022	
12/12/2016 12:45:00 AM	355500.000	9.207	15.854
20.739	37333.605	45236.016	29.368
30.760	26.786	1.021	
12/12/2016 1:00:00 AM	356400.000	9.144	15.853
20.597	36695.660	44464.223	28.812
30.236	27.251	1.021	
12/12/2016 1:15:00 AM	357300.000	9.122	15.822
20.548	38597.438	46802.016	30.499
31.825	25.908	1.022	
12/12/2016 1:30:00 AM	358200.000	9.170	15.814
20.657	38643.250	46865.613	30.545
31.869	25.878	1.022	
12/12/2016 1:45:00 AM	359100.000	9.594	15.823
21.612	38591.973	46794.137	30.493

31.820	25.912	1.022	
12/12/2016 2:00:00 AM	360000.000	9.606	15.818
21.639	38604.895	46815.457	30.508
31.835	25.903	1.022	
12/12/2016 2:15:00 AM	360900.000	9.535	15.815
21.478	38583.234	46791.672	30.491
31.818	25.918	1.022	
12/12/2016 2:30:00 AM	361800.000	9.563	15.818
21.541	38581.305	46786.957	30.488
31.815	25.919	1.022	
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21.705	38609.434	46827.660	30.517
31.843	25.900	1.022	
12/12/2016 3:00:00 AM	363600.000	9.590	15.818
21.603	38602.121	46811.605	30.506
31.832	25.905	1.022	
12/12/2016 3:15:00 AM	364500.000	9.673	15.814
21.790	38584.449	46794.871	30.493
31.821	25.917	1.022	
12/12/2016 3:30:00 AM	365400.000	9.649	15.811
21.734	38594.203	46809.871	30.504
31.831	25.911	1.022	
12/12/2016 3:45:00 AM	366300.000	9.687	15.810
21.822	38581.527	46795.641	30.494
31.821	25.919	1.022	
12/12/2016 4:00:00 AM	367200.000	9.664	15.810
21.770	38600.211	46817.832	30.510
31.836	25.907	1.022	
12/12/2016 4:15:00 AM	368100.000	9.692	15.834
21.832	38572.438	46758.109	30.468
31.796	25.925	1.022	
12/12/2016 4:30:00 AM	369000.000	9.782	15.828
22.035	38591.203	46788.227	30.489
31.816	25.913	1.022	
12/12/2016 4:45:00 AM	369900.000	9.806	15.830
22.088	38587.879	46781.992	30.485
31.812	25.915	1.022	
12/12/2016 5:00:00 AM	370800.000	9.806	15.820
22.088	38595.395	46801.355	30.498
31.825	25.910	1.022	
12/12/2016 5:15:00 AM	371700.000	9.884	15.816
22.265	38621.645	46837.488	30.524
31.849	25.892	1.022	
12/12/2016 5:30:00 AM	372600.000	9.858	15.815
22.207	38594.457	46805.387	30.501
31.828	25.910	1.022	
12/12/2016 5:45:00 AM	373500.000	9.958	15.816
22.432	38591.461	46800.883	30.498
31.825	25.912	1.022	
12/12/2016 6:00:00 AM	374400.000	9.978	15.814
22.476	38555.215	46759.613	30.468
31.797	25.937	1.022	
12/12/2016 6:15:00 AM	375300.000	9.956	15.813
22.428	38568.824	46776.781	30.480
31.808	25.928	1.022	

12/12/2016 6:30:00 AM	376200.000	9.965	15.813
22.448	38604.461	46820.492	30.512
31.838	25.904	1.022	
12/12/2016 6:45:00 AM	377100.000	9.996	15.815
22.517	38570.523	46777.031	30.480
31.808	25.927	1.022	
12/12/2016 7:00:00 AM	378000.000	9.944	15.815
22.401	38552.297	46755.117	30.465
31.793	25.939	1.022	
12/12/2016 7:15:00 AM	378900.000	10.055	15.816
22.650	38559.043	46761.676	30.469
31.798	25.934	1.022	
12/12/2016 7:30:00 AM	379800.000	10.109	15.842
22.772	38561.168	46735.754	30.452
31.780	25.933	1.022	
12/12/2016 7:45:00 AM	380700.000	10.070	15.840
22.683	38595.293	46779.879	30.484
31.810	25.910	1.022	
12/12/2016 8:00:00 AM	381600.000	10.088	15.835
22.724	38597.457	46787.484	30.489
31.815	25.908	1.022	
12/12/2016 8:15:00 AM	382500.000	10.106	15.842
22.764	38573.102	46750.883	30.463
31.791	25.925	1.022	
12/12/2016 8:30:00 AM	383400.000	10.177	15.864
22.924	38527.938	46671.805	30.407
31.737	25.955	1.022	
12/12/2016 8:45:00 AM	384300.000	10.142	15.862
22.847	38485.000	46621.988	30.371
31.703	25.984	1.022	
12/12/2016 9:00:00 AM	385200.000	10.200	15.859
22.977	38517.184	46664.602	30.402
31.732	25.962	1.022	
12/12/2016 9:15:00 AM	386100.000	10.257	15.858
23.105	38545.289	46699.797	30.427
31.756	25.944	1.022	
12/12/2016 9:30:00 AM	387000.000	10.329	15.869
23.268	38477.285	46604.934	30.359
31.691	25.989	1.022	
12/12/2016 9:45:00 AM	387900.000	10.334	15.867
23.279	38507.785	46644.824	30.388
31.718	25.969	1.022	
12/12/2016 10:00:00 AM	388800.000	10.346	15.863
23.306	38465.898	46597.992	30.354
31.687	25.997	1.022	
12/12/2016 10:15:00 AM	389700.000	10.254	15.871
23.098	38332.461	46428.180	30.231
31.571	26.088	1.022	
12/12/2016 10:30:00 AM	390600.000	10.175	15.868
22.921	38470.512	46598.352	30.354
31.687	25.994	1.022	
12/12/2016 10:45:00 AM	391500.000	10.127	15.863
22.812	38529.016	46674.641	30.409
31.739	25.954	1.022	
12/12/2016 11:00:00 AM	392400.000	10.071	15.859

22.686	37635.664	45596.426	29.629
31.006	26.571	1.022	
12/12/2016 11:15:00 AM	393300.000	9.930	15.864
22.369	38373.434	46485.227	30.272
31.610	26.060	1.022	
12/12/2016 11:30:00 AM	394200.000	9.920	15.856
22.345	37434.758	45356.457	29.455
30.842	26.713	1.022	
12/12/2016 11:45:00 AM	395100.000	9.789	15.854
22.052	37366.492	45275.602	29.397
30.787	26.762	1.021	
12/12/2016 12:00:00 PM	396000.000	9.673	15.853
21.790	36855.133	44656.910	28.951
30.367	27.133	1.021	
12/12/2016 12:15:00 PM	396900.000	9.636	15.856
21.705	36261.156	43934.422	28.432
29.875	27.578	1.021	
12/12/2016 12:30:00 PM	397800.000	9.546	15.849
21.504	35831.664	43421.402	28.063
29.527	27.908	1.020	
12/12/2016 12:45:00 PM	398700.000	9.781	15.854
22.033	35973.309	43587.445	28.183
29.639	27.798	1.021	
12/12/2016 1:00:00 PM	399600.000	10.157	15.857
22.880	36393.316	44093.371	28.546
29.983	27.478	1.021	
12/12/2016 1:15:00 PM	400500.000	10.120	15.859
22.797	35922.422	43520.441	28.135
29.594	27.838	1.021	
12/12/2016 1:30:00 PM	401400.000	10.003	15.858
22.533	35479.020	42984.660	27.751
29.230	28.186	1.020	
12/12/2016 1:45:00 PM	402300.000	10.006	15.860
22.540	35756.949	43319.527	27.991
29.457	27.967	1.020	
12/12/2016 2:00:00 PM	403200.000	9.972	15.857
22.464	35658.824	43203.918	27.908
29.379	28.044	1.020	
12/12/2016 2:15:00 PM	404100.000	9.878	15.858
22.250	35348.285	42826.445	27.638
29.122	28.290	1.020	
12/12/2016 2:30:00 PM	405000.000	9.934	15.857
22.378	34858.598	42234.020	27.214
28.719	28.687	1.020	
12/12/2016 2:45:00 PM	405900.000	9.793	15.856
22.060	34940.820	42334.254	27.286
28.787	28.620	1.020	
12/12/2016 3:00:00 PM	406800.000	9.796	15.857
22.066	34197.473	41432.844	26.643
28.174	29.242	1.019	
12/12/2016 3:15:00 PM	407700.000	9.779	15.854
22.028	34886.762	42271.246	27.241
28.744	28.664	1.020	
12/12/2016 3:30:00 PM	408600.000	9.744	15.794
21.949	38672.898	46923.461	30.585

31.908	25.858	1.022	
12/12/2016 3:45:00 PM	409500.000	9.814	15.798
22.108	38632.000	46869.230	30.546
31.871	25.885	1.022	
12/12/2016 4:00:00 PM	410400.000	9.820	15.796
22.120	38639.141	46880.781	30.554
31.879	25.880	1.022	
12/12/2016 4:15:00 PM	411300.000	9.755	15.795
21.974	38653.531	46898.711	30.567
31.891	25.871	1.022	
12/12/2016 4:30:00 PM	412200.000	9.780	15.800
22.030	38670.273	46914.512	30.579
31.902	25.860	1.022	
12/12/2016 4:45:00 PM	413100.000	9.766	15.804
21.998	38644.246	46878.609	30.553
31.877	25.877	1.022	
12/12/2016 5:00:00 PM	414000.000	9.749	15.844
21.960	38620.066	46805.227	30.503
31.828	25.893	1.022	
12/12/2016 5:15:00 PM	414900.000	9.799	15.838
22.072	38661.547	46862.684	30.544
31.867	25.865	1.022	
12/12/2016 5:30:00 PM	415800.000	9.758	15.850
21.982	38554.328	46719.730	30.441
31.769	25.937	1.022	
12/12/2016 5:45:00 PM	416700.000	9.821	15.847
22.123	38553.785	46722.309	30.443
31.771	25.938	1.022	
12/12/2016 6:00:00 PM	417600.000	9.826	15.854
22.133	38449.320	46588.188	30.346
31.680	26.008	1.022	
12/12/2016 6:15:00 PM	418500.000	9.729	15.849
21.916	37008.340	44846.598	29.087
30.496	27.021	1.021	
12/12/2016 6:30:00 PM	419400.000	9.887	15.848
22.271	37711.844	45700.875	29.704
31.077	26.517	1.022	
12/12/2016 6:45:00 PM	420300.000	9.859	15.849
22.209	36958.195	44785.832	29.044
30.454	27.058	1.021	
12/12/2016 7:00:00 PM	421200.000	9.799	15.847
22.074	36923.043	44745.598	29.015
30.427	27.083	1.021	
12/12/2016 7:15:00 PM	422100.000	10.028	15.850
22.588	36757.719	44542.148	28.868
30.289	27.205	1.021	
12/12/2016 7:30:00 PM	423000.000	9.877	15.848
22.249	36829.984	44631.918	28.933
30.350	27.152	1.021	
12/12/2016 7:45:00 PM	423900.000	9.949	15.844
22.411	37477.031	45420.121	29.501
30.886	26.683	1.022	
12/12/2016 8:00:00 PM	424800.000	10.035	15.850
22.605	36374.371	44077.984	28.534
29.973	27.492	1.021	

12/12/2016 8:15:00 PM	425700.000	9.888	15.847
22.274	36628.926	44389.621	28.758
30.185	27.301	1.021	
12/12/2016 8:30:00 PM	426600.000	9.962	15.849
22.440	35785.258	43364.730	28.023
29.488	27.944	1.020	
12/12/2016 8:45:00 PM	427500.000	10.024	15.847
22.581	37029.199	44874.156	29.107
30.514	27.006	1.021	
12/12/2016 9:00:00 PM	428400.000	10.008	15.849
22.544	36031.406	43663.191	28.237
29.691	27.754	1.021	
12/12/2016 9:15:00 PM	429300.000	10.026	15.849
22.585	36581.602	44329.648	28.715
30.144	27.336	1.021	
12/12/2016 9:30:00 PM	430200.000	10.015	15.846
22.559	36726.223	44508.539	28.844
30.266	27.229	1.021	
12/12/2016 9:45:00 PM	431100.000	9.969	15.849
22.456	35934.871	43545.668	28.152
29.611	27.828	1.021	
12/12/2016 10:00:00 PM	432000.000	10.023	15.849
22.577	36883.203	44695.590	28.979
30.393	27.113	1.021	
12/12/2016 10:15:00 PM	432900.000	9.900	15.850
22.301	35786.324	43364.867	28.023
29.488	27.944	1.020	
12/12/2016 10:30:00 PM	433800.000	9.844	15.849
22.174	35965.207	43583.148	28.179
29.637	27.805	1.021	
12/12/2016 10:45:00 PM	434700.000	9.869	15.850
22.230	35087.273	42518.293	27.417
28.912	28.500	1.020	
12/12/2016 11:00:00 PM	435600.000	9.770	15.848
22.007	35754.918	43328.500	27.997
29.463	27.968	1.020	
12/12/2016 11:15:00 PM	436500.000	9.804	15.848
22.084	35463.609	42976.176	27.744
29.224	28.198	1.020	
12/12/2016 11:30:00 PM	437400.000	9.603	15.847
21.632	35145.551	42591.621	27.469
28.962	28.453	1.020	
12/12/2016 11:45:00 PM	438300.000	9.594	15.846
21.612	34677.074	42024.484	27.064
28.577	28.837	1.020	
12/13/2016 12:00:00 AM	439200.000	9.599	15.784
21.622	38636.480	46890.121	30.560
31.885	25.882	1.022	
12/13/2016 12:15:00 AM	440100.000	9.519	15.785
21.443	38644.500	46899.461	30.567
31.892	25.877	1.022	
12/13/2016 12:30:00 AM	441000.000	9.496	15.786
21.391	38639.848	46892.199	30.562
31.887	25.880	1.022	
12/13/2016 12:45:00 AM	441900.000	9.331	15.785

21.020	38629.957	46881.238	30.554
31.879	25.887	1.022	
12/13/2016 1:00:00 AM	442800.000	9.327	15.835
21.010	38543.668	46721.996	30.442
31.771	25.945	1.022	
12/13/2016 1:15:00 AM	443700.000	9.255	15.832
20.848	37589.316	45569.246	29.608
30.987	26.603	1.022	
12/13/2016 1:30:00 AM	444600.000	9.207	15.831
20.740	36028.742	43678.176	28.246
29.701	27.756	1.021	
12/13/2016 1:45:00 AM	445500.000	9.151	15.833
20.614	34722.602	42092.750	27.112
28.623	28.800	1.020	
12/13/2016 2:00:00 AM	446400.000	9.568	15.780
21.552	38655.234	46917.973	30.580
31.904	25.870	1.022	
12/13/2016 2:15:00 AM	447300.000	9.579	15.792
21.579	38626.844	46870.266	30.546
31.872	25.889	1.022	
12/13/2016 2:30:00 AM	448200.000	9.656	15.800
21.752	38648.352	46887.438	30.559
31.883	25.874	1.022	
12/13/2016 2:45:00 AM	449100.000	9.653	15.797
21.745	38644.348	46885.746	30.558
31.882	25.877	1.022	
12/13/2016 3:00:00 AM	450000.000	9.623	15.804
21.676	38641.184	46874.805	30.551
31.875	25.879	1.022	
12/13/2016 3:15:00 AM	450900.000	9.730	15.793
21.919	38645.387	46891.516	30.562
31.886	25.876	1.022	
12/13/2016 3:30:00 AM	451800.000	9.587	15.801
21.596	38628.598	46862.129	30.541
31.866	25.888	1.022	
12/13/2016 3:45:00 AM	452700.000	9.601	15.795
21.626	38628.676	46869.133	30.546
31.871	25.888	1.022	
12/13/2016 4:00:00 AM	453600.000	9.648	15.792
21.733	38678.348	46932.371	30.592
31.914	25.854	1.022	
12/13/2016 4:15:00 AM	454500.000	9.747	15.790
21.956	38587.520	46824.652	30.513
31.841	25.915	1.022	
12/13/2016 4:30:00 AM	455400.000	9.633	15.790
21.699	38651.055	46901.750	30.569
31.893	25.873	1.022	
12/13/2016 4:45:00 AM	456300.000	9.754	15.790
21.971	38618.609	46862.105	30.540
31.866	25.894	1.022	
12/13/2016 5:00:00 AM	457200.000	9.702	15.791
21.855	38643.816	46891.637	30.562
31.886	25.877	1.022	
12/13/2016 5:15:00 AM	458100.000	9.742	15.787
21.944	38626.469	46874.801	30.549

31.875	25.889	1.022	
12/13/2016 5:30:00 AM	459000.000	9.830	15.809
22.143	38594.102	46811.758	30.505
31.832	25.911	1.022	
12/13/2016 5:45:00 AM	459900.000	9.961	15.805
22.437	38578.848	46797.656	30.495
31.822	25.921	1.022	
12/13/2016 6:00:00 AM	460800.000	9.806	15.798
22.088	38588.227	46816.324	30.508
31.835	25.915	1.022	
12/13/2016 6:15:00 AM	461700.000	9.889	15.797
22.276	38586.039	46814.719	30.507
31.834	25.916	1.022	
12/13/2016 6:30:00 AM	462600.000	9.968	15.797
22.455	38609.480	46844.020	30.528
31.854	25.900	1.022	
12/13/2016 6:45:00 AM	463500.000	9.935	15.795
22.379	38606.895	46842.988	30.527
31.853	25.902	1.022	
12/13/2016 7:00:00 AM	464400.000	9.862	15.793
22.216	38621.160	46861.559	30.540
31.866	25.893	1.022	
12/13/2016 7:15:00 AM	465300.000	9.938	15.795
22.386	38606.316	46841.336	30.526
31.852	25.902	1.022	
12/13/2016 7:30:00 AM	466200.000	9.906	15.795
22.315	38621.676	46861.012	30.540
31.865	25.892	1.022	
12/13/2016 7:45:00 AM	467100.000	9.935	15.794
22.380	38606.879	46843.547	30.527
31.854	25.902	1.022	
12/13/2016 8:00:00 AM	468000.000	10.024	15.794
22.580	38640.820	46885.113	30.557
31.882	25.879	1.022	
12/13/2016 8:15:00 AM	468900.000	9.943	15.795
22.397	38643.492	46887.109	30.559
31.883	25.878	1.022	
12/13/2016 8:30:00 AM	469800.000	10.037	15.828
22.609	38596.707	46794.141	30.494
31.820	25.909	1.022	
12/13/2016 8:45:00 AM	470700.000	10.112	15.821
22.778	38617.629	46826.859	30.517
31.842	25.895	1.022	
12/13/2016 9:00:00 AM	471600.000	10.272	15.818
23.139	38603.012	46812.504	30.506
31.833	25.905	1.022	
12/13/2016 9:15:00 AM	472500.000	10.255	15.813
23.100	38561.012	46767.309	30.473
31.802	25.933	1.022	
12/13/2016 9:30:00 AM	473400.000	10.275	15.806
23.144	38634.977	46864.781	30.543
31.868	25.883	1.022	
12/13/2016 9:45:00 AM	474300.000	10.437	15.804
23.511	38595.289	46818.750	30.510
31.837	25.910	1.022	

12/13/2016 10:00:00 AM	475200.000	10.332	15.802
23.274	38568.461	46788.406	30.488
31.816	25.928	1.022	
12/13/2016 10:15:00 AM	476100.000	10.320	15.800
23.247	38583.137	46808.801	30.502
31.830	25.918	1.022	
12/13/2016 10:30:00 AM	477000.010	10.375	15.798
23.371	38581.957	46809.188	30.503
31.830	25.919	1.022	
12/13/2016 10:45:00 AM	477900.000	10.265	15.798
23.123	38638.891	46878.063	30.553
31.877	25.881	1.022	
12/13/2016 11:00:00 AM	478800.000	10.123	15.793
22.804	38622.957	46864.020	30.542
31.868	25.891	1.022	
12/13/2016 11:15:00 AM	479700.000	10.083	15.788
22.713	38678.160	46936.379	30.594
31.917	25.854	1.022	
12/13/2016 11:30:00 AM	480600.000	9.981	15.786
22.483	38640.199	46892.234	30.562
31.887	25.880	1.022	
12/13/2016 11:45:00 AM	481500.000	9.889	15.809
22.277	38646.805	46875.293	30.551
31.875	25.875	1.022	
12/13/2016 12:00:00 PM	482400.000	9.881	15.804
22.258	38638.086	46870.484	30.547
31.872	25.881	1.022	
12/13/2016 12:15:00 PM	483300.000	9.818	15.808
22.115	38675.145	46911.582	30.578
31.900	25.856	1.022	
12/13/2016 12:30:00 PM	484200.000	9.741	15.799
21.942	38676.574	46923.020	30.585
31.908	25.855	1.022	
12/13/2016 12:45:00 PM	485100.000	9.620	15.790
21.670	38629.723	46875.203	30.550
31.875	25.887	1.022	
12/13/2016 1:00:00 PM	486000.000	9.580	15.796
21.580	38655.602	46900.070	30.568
31.892	25.869	1.022	
12/13/2016 1:15:00 PM	486900.000	9.495	15.781
21.388	38673.801	46939.258	30.596
31.919	25.857	1.022	
12/13/2016 1:30:00 PM	487800.000	9.990	15.783
22.503	38683.289	46948.273	30.602
31.925	25.851	1.022	
12/13/2016 1:45:00 PM	488700.000	10.044	15.785
22.625	38635.793	46888.422	30.559
31.884	25.883	1.022	
12/13/2016 2:00:00 PM	489600.000	10.092	15.786
22.732	38697.316	46962.125	30.613
31.934	25.842	1.022	
12/13/2016 2:15:00 PM	490500.000	10.029	15.788
22.592	38698.137	46961.211	30.612
31.934	25.841	1.022	
12/13/2016 2:30:00 PM	491400.000	9.926	15.780

22.360	38680.344	46948.352	30.602
31.925	25.853	1.022	
12/13/2016 2:45:00 PM	492300.000	9.886	15.780
22.268	38655.066	46917.000	30.580
31.904	25.870	1.022	
12/13/2016 3:00:00 PM	493200.000	9.824	15.784
22.130	38654.480	46912.156	30.576
31.900	25.870	1.022	
12/13/2016 3:15:00 PM	494100.000	9.857	15.812
22.205	38664.500	46893.680	30.565
31.888	25.864	1.022	
12/13/2016 3:30:00 PM	495000.000	9.810	15.805
22.097	38664.461	46901.035	30.570
31.893	25.864	1.022	
12/13/2016 3:45:00 PM	495900.000	9.749	15.801
21.960	38644.309	46881.871	30.555
31.880	25.877	1.022	
12/13/2016 4:00:00 PM	496800.000	9.730	15.795
21.919	38691.914	46946.145	30.602
31.923	25.845	1.022	
12/13/2016 4:15:00 PM	497700.000	9.696	15.788
21.842	38644.211	46895.559	30.565
31.889	25.877	1.022	
12/13/2016 4:30:00 PM	498600.000	9.800	15.786
22.075	38647.512	46901.590	30.569
31.893	25.875	1.022	
12/13/2016 4:45:00 PM	499500.000	9.686	15.794
21.818	38713.625	46973.258	30.621
31.942	25.831	1.022	
12/13/2016 5:00:00 PM	500400.000	9.755	15.783
21.974	38667.734	46929.590	30.589
31.912	25.861	1.022	
12/13/2016 5:15:00 PM	501300.000	9.697	15.795
21.843	38687.832	46940.813	30.598
31.920	25.848	1.022	
12/13/2016 5:30:00 PM	502200.000	9.666	15.787
21.774	38685.535	46946.965	30.602
31.924	25.849	1.022	
12/13/2016 5:45:00 PM	503100.000	9.658	15.804
21.755	38668.070	46907.512	30.574
31.897	25.861	1.022	
12/13/2016 6:00:00 PM	504000.000	9.747	15.793
21.956	38674.637	46926.625	30.587
31.910	25.857	1.022	
12/13/2016 6:15:00 PM	504900.000	9.718	15.785
21.891	38671.383	46931.996	30.591
31.914	25.859	1.022	
12/13/2016 6:30:00 PM	505800.000	9.858	15.781
22.206	38685.590	46953.176	30.606
31.928	25.849	1.022	
12/13/2016 6:45:00 PM	506700.000	9.855	15.795
22.200	38640.492	46883.191	30.556
31.881	25.880	1.022	
12/13/2016 7:00:00 PM	507600.000	9.797	15.788
22.068	38663.590	46919.078	30.582

31.905	25.864	1.022	
12/13/2016 7:15:00 PM	508500.000	9.760	15.781
21.986	38666.535	46929.961	30.589
31.912	25.862	1.022	
12/13/2016 7:30:00 PM	509400.000	9.730	15.779
21.918	38650.824	46912.715	30.576
31.901	25.873	1.022	
12/13/2016 7:45:00 PM	510300.000	9.885	15.781
22.267	38700.234	46971.148	30.619
31.940	25.840	1.022	
12/13/2016 8:00:00 PM	511200.009	9.828	15.805
22.138	38635.324	46866.270	30.544
31.869	25.883	1.022	
12/13/2016 8:15:00 PM	512100.000	9.950	15.801
22.414	38647.910	46885.949	30.558
31.882	25.875	1.022	
12/13/2016 8:30:00 PM	513000.000	9.879	15.794
22.254	38644.719	46890.043	30.561
31.885	25.877	1.022	
12/13/2016 8:45:00 PM	513900.000	9.945	15.788
22.402	38613.469	46858.254	30.538
31.864	25.898	1.022	
12/13/2016 9:00:00 PM	514800.000	9.958	15.785
22.430	38652.215	46908.172	30.574
31.898	25.872	1.022	
12/13/2016 9:15:00 PM	515700.000	10.058	15.784
22.657	38614.699	46864.168	30.542
31.868	25.897	1.022	
12/13/2016 9:30:00 PM	516600.000	9.936	15.782
22.382	38640.406	46897.191	30.565
31.890	25.880	1.022	
12/13/2016 9:45:00 PM	517500.000	10.007	15.780
22.542	38644.922	46904.492	30.571
31.895	25.877	1.022	
12/13/2016 10:00:00 PM	518400.000	10.051	15.782
22.641	38690.598	46958.680	30.610
31.932	25.846	1.022	
12/13/2016 10:15:00 PM	519300.000	9.886	15.820
22.269	38595.922	46802.188	30.499
31.825	25.909	1.022	
12/13/2016 10:30:00 PM	520200.000	9.942	15.812
22.396	38585.480	46798.043	30.495
31.823	25.916	1.022	
12/13/2016 10:45:00 PM	521100.000	9.894	15.805
22.286	38641.938	46873.711	30.550
31.874	25.879	1.022	
12/13/2016 11:00:00 PM	522000.000	9.917	15.802
22.338	38614.430	46844.367	30.528
31.854	25.897	1.022	
12/13/2016 11:15:00 PM	522900.000	9.814	15.806
22.107	38552.359	46764.090	30.470
31.800	25.939	1.022	
12/13/2016 11:30:00 PM	523800.000	9.846	15.795
22.179	38617.699	46855.816	30.536
31.862	25.895	1.022	

12/13/2016 11:45:00 PM 524700.000 9.833 15.798
22.150 38632.086 46869.336 30.546
31.871 25.885 1.022
12/14/2016 12:00:00 AM 525600.000 9.722 15.788
21.901 38619.320 46865.645 30.543
31.869 25.894 1.022
12/14/2016 12:15:00 AM 526500.000 9.682 15.782
21.810 38592.031 46838.676 30.523
31.850 25.912 1.022
12/14/2016 12:30:00 AM 527400.000 9.580 15.787
21.580 38642.641 46894.910 30.564
31.889 25.878 1.022
12/14/2016 12:45:00 AM 528300.000 9.475 15.774
21.344 38626.777 46889.098 30.559
31.885 25.889 1.022
12/14/2016 1:00:00 AM 529200.000 9.437 15.768
21.258 38648.473 46921.875 30.582
31.907 25.874 1.022
12/14/2016 1:15:00 AM 530100.000 9.330 15.766
21.017 38615.770 46885.348 30.556
31.882 25.896 1.022
12/14/2016 1:30:00 AM 531000.000 9.312 15.782
20.976 38614.488 46865.340 30.542
31.868 25.897 1.022
12/14/2016 1:45:00 AM 531900.000 9.179 15.801
20.676 38604.984 46833.195 30.520
31.847 25.903 1.022
12/14/2016 2:00:00 AM 532800.000 9.181 15.793
20.681 38603.883 46841.355 30.526
31.852 25.904 1.022
12/14/2016 2:15:00 AM 533700.000 9.323 15.781
21.001 38638.723 46896.680 30.565
31.890 25.881 1.022
12/14/2016 2:30:00 AM 534600.000 9.719 15.792
21.892 38606.563 46844.992 30.528
31.855 25.902 1.022
12/14/2016 2:45:00 AM 535500.000 9.648 15.784
21.734 38635.652 46889.207 30.560
31.885 25.883 1.022
12/14/2016 3:00:00 AM 536400.000 9.692 15.776
21.832 38660.703 46929.027 30.588
31.912 25.866 1.022
12/14/2016 3:15:00 AM 537300.000 9.650 15.775
21.737 38610.141 46867.941 30.544
31.870 25.900 1.022
12/14/2016 3:30:00 AM 538200.000 9.691 15.805
21.831 38618.508 46845.375 30.529
31.855 25.894 1.022
12/14/2016 3:45:00 AM 539100.000 9.706 15.797
21.864 38581.195 46808.844 30.502
31.830 25.919 1.022
12/14/2016 4:00:00 AM 540000.000 9.775 15.793
22.020 38587.102 46821.184 30.511
31.838 25.915 1.022
12/14/2016 4:15:00 AM 540900.000 9.615 15.793

21.658	38610.867	46849.246	30.531
31.857	25.899	1.022	
12/14/2016 4:30:00 AM	541800.000	9.735	15.783
21.929	38611.559	46861.598	30.540
31.866	25.899	1.022	
12/14/2016 4:45:00 AM	542700.000	9.777	15.803
22.024	38595.613	46820.684	30.511
31.838	25.910	1.022	
12/14/2016 5:00:00 AM	543600.000	9.759	15.797
21.982	38627.441	46865.813	30.544
31.869	25.888	1.022	
12/14/2016 5:15:00 AM	544500.000	9.770	15.814
22.007	38568.094	46775.137	30.479
31.807	25.928	1.022	
12/14/2016 5:30:00 AM	545400.000	9.926	15.807
22.360	38577.766	46794.414	30.492
31.820	25.922	1.022	
12/14/2016 5:45:00 AM	546300.000	9.804	15.798
22.085	38624.773	46860.754	30.540
31.865	25.890	1.022	
12/14/2016 6:00:00 AM	547200.000	9.766	15.791
21.998	38599.930	46837.988	30.523
31.850	25.907	1.022	
12/14/2016 6:15:00 AM	548100.000	9.880	15.789
22.256	38568.281	46802.375	30.497
31.826	25.928	1.022	
12/14/2016 6:30:00 AM	549000.000	9.896	15.815
22.292	38585.035	46794.059	30.493
31.820	25.917	1.022	
12/14/2016 6:45:00 AM	549900.000	9.972	15.808
22.462	38579.375	46795.418	30.493
31.821	25.921	1.022	
12/14/2016 7:00:00 AM	550800.000	9.968	15.799
22.454	38626.285	46861.727	30.541
31.866	25.889	1.022	
12/14/2016 7:15:00 AM	551700.000	10.106	15.795
22.764	38601.867	46836.703	30.522
31.849	25.905	1.022	
12/14/2016 7:30:00 AM	552600.000	10.122	15.790
22.800	38585.754	46822.430	30.512
31.839	25.916	1.022	
12/14/2016 7:45:00 AM	553500.000	10.183	15.784
22.938	38557.359	46794.285	30.491
31.820	25.935	1.022	
12/14/2016 8:00:00 AM	554400.000	10.079	15.780
22.704	38609.828	46862.281	30.540
31.866	25.900	1.022	
12/14/2016 8:15:00 AM	555300.000	10.126	15.780
22.810	38610.750	46863.121	30.541
31.867	25.900	1.022	
12/14/2016 8:30:00 AM	556200.000	10.541	15.796
23.745	38551.723	46774.516	30.477
31.807	25.939	1.022	
12/14/2016 8:45:00 AM	557100.000	10.611	15.796
23.902	38528.930	46747.063	30.457

31.788	25.955	1.022	
12/14/2016 9:00:00 AM	558000.000	10.645	15.801
23.978	38522.051	46733.055	30.448
31.778	25.959	1.022	
12/14/2016 9:15:00 AM	558900.000	10.660	15.800
24.012	38515.164	46725.766	30.442
31.774	25.964	1.022	
12/14/2016 9:30:00 AM	559800.000	10.667	15.799
24.029	38536.398	46752.957	30.462
31.792	25.949	1.022	
12/14/2016 9:45:00 AM	560700.000	10.681	15.796
24.061	38476.863	46683.977	30.412
31.745	25.990	1.022	
12/14/2016 10:00:00 AM	561600.000	10.704	15.797
24.113	38484.078	46691.684	30.417
31.750	25.985	1.022	
12/14/2016 10:15:00 AM	562500.000	10.721	15.795
24.150	38566.914	46794.477	30.492
31.820	25.929	1.022	
12/14/2016 10:30:00 AM	563400.000	10.575	15.792
23.821	38520.551	46740.992	30.453
31.784	25.960	1.022	
12/14/2016 10:45:00 AM	564300.000	10.545	15.792
23.754	38559.391	46788.121	30.487
31.816	25.934	1.022	
12/14/2016 11:00:00 AM	565200.000	10.578	15.793
23.828	38516.664	46735.234	30.449
31.780	25.963	1.022	
12/14/2016 11:15:00 AM	566100.000	10.477	15.784
23.602	38565.133	46804.207	30.498
31.827	25.930	1.022	
12/14/2016 11:30:00 AM	567000.000	10.323	15.784
23.253	38603.945	46851.398	30.532
31.859	25.904	1.022	
12/14/2016 11:45:00 AM	567900.000	10.232	15.789
23.048	38608.320	46851.059	30.532
31.859	25.901	1.022	
12/14/2016 12:00:00 PM	568800.000	10.198	15.809
22.973	38585.492	46801.703	30.498
31.825	25.916	1.022	
12/14/2016 12:15:00 PM	569700.000	10.059	15.801
22.659	38579.367	46802.977	30.498
31.826	25.921	1.022	
12/14/2016 12:30:00 PM	570600.000	10.035	15.797
22.605	38578.754	46805.781	30.500
31.828	25.921	1.022	
12/14/2016 12:45:00 PM	571500.000	9.950	15.798
22.412	38598.426	46829.359	30.517
31.844	25.908	1.022	
12/14/2016 1:00:00 PM	572400.000	9.905	15.800
22.313	38589.836	46816.148	30.508
31.835	25.914	1.022	
12/14/2016 1:15:00 PM	573300.000	9.682	15.797
21.811	38656.363	46900.805	30.569
31.893	25.869	1.022	

12/14/2016 1:30:00 PM	574200.000	9.526	15.777
21.459	38513.086	46748.020	30.457
31.789	25.965	1.022	
12/14/2016 1:45:00 PM	575100.000	9.439	15.763
21.262	38611.254	46882.941	30.554
31.880	25.899	1.022	
12/14/2016 2:00:00 PM	576000.000	9.549	15.788
21.509	38560.809	46794.348	30.491
31.820	25.933	1.022	
12/14/2016 2:15:00 PM	576900.000	9.435	15.758
21.254	38610.273	46887.129	30.556
31.883	25.900	1.022	
12/14/2016 2:30:00 PM	577800.000	9.455	15.753
21.298	38623.363	46908.691	30.572
31.898	25.891	1.022	
12/14/2016 2:45:00 PM	578700.000	9.717	15.759
21.888	38651.418	46935.648	30.592
31.916	25.872	1.022	
12/14/2016 3:00:00 PM	579600.000	9.892	15.764
22.282	38631.691	46906.785	30.571
31.897	25.885	1.022	
12/14/2016 3:15:00 PM	580500.000	9.906	15.766
22.314	38610.027	46877.406	30.550
31.877	25.900	1.022	
12/14/2016 3:30:00 PM	581400.000	9.801	15.768
22.078	38598.461	46861.250	30.538
31.866	25.908	1.022	
12/14/2016 3:45:00 PM	582300.000	9.782	15.767
22.035	38601.938	46867.301	30.543
31.870	25.905	1.022	
12/14/2016 4:00:00 PM	583200.000	9.777	15.770
22.023	38638.734	46908.035	30.572
31.897	25.881	1.022	
12/14/2016 4:15:00 PM	584100.000	9.740	15.771
21.941	38604.707	46866.434	30.542
31.869	25.904	1.022	
12/14/2016 4:30:00 PM	585000.000	9.793	15.776
22.060	38629.395	46890.738	30.560
31.886	25.887	1.022	
12/14/2016 4:45:00 PM	585900.000	9.782	15.804
22.035	38581.027	46801.738	30.498
31.825	25.919	1.022	
12/14/2016 5:00:00 PM	586800.000	9.645	15.797
21.727	38594.199	46824.805	30.514
31.841	25.911	1.022	
12/14/2016 5:15:00 PM	587700.000	9.769	15.814
22.006	38530.035	46728.789	30.445
31.776	25.954	1.022	
12/14/2016 5:30:00 PM	588600.000	9.779	15.813
22.028	38572.445	46780.801	30.483
31.811	25.925	1.022	
12/14/2016 5:45:00 PM	589500.000	9.711	15.807
21.875	38552.586	46763.691	30.470
31.799	25.939	1.022	
12/14/2016 6:00:00 PM	590400.000	9.683	15.798

21.812	38589.426	46818.539	30.509
31.837	25.914	1.022	
12/14/2016 6:15:00 PM	591300.000	9.720	15.816
21.894	38497.008	46686.531	30.415
31.747	25.976	1.022	
12/14/2016 6:30:00 PM	592200.000	9.737	15.812
21.934	38513.918	46711.430	30.433
31.764	25.965	1.022	
12/14/2016 6:45:00 PM	593100.000	9.830	15.817
22.143	38366.969	46528.152	30.300
31.639	26.064	1.022	
12/14/2016 7:00:00 PM	594000.000	9.717	15.815
21.888	38450.344	46631.281	30.375
31.709	26.008	1.022	
12/14/2016 7:15:00 PM	594900.000	9.733	15.814
21.924	37494.555	45473.055	29.537
30.922	26.671	1.022	
12/14/2016 7:30:00 PM	595800.000	9.838	15.818
22.160	38363.035	46521.672	30.296
31.635	26.067	1.022	
12/14/2016 7:45:00 PM	596700.000	9.738	15.814
21.936	37233.875	45157.004	29.309
30.707	26.857	1.021	
12/14/2016 8:00:00 PM	597600.000	9.741	15.811
21.943	37629.645	45639.887	29.657
31.035	26.575	1.022	
12/14/2016 8:15:00 PM	598500.000	9.767	15.813
22.001	36988.652	44860.422	29.095
30.505	27.035	1.021	
12/14/2016 8:30:00 PM	599400.000	9.856	15.813
22.202	37253.488	45181.715	29.327
30.724	26.843	1.021	
12/14/2016 8:45:00 PM	600300.000	9.806	15.815
22.089	36378.527	44118.203	28.561
30.000	27.489	1.021	
12/14/2016 9:00:00 PM	601200.000	9.784	15.813
22.040	36803.199	44635.691	28.933
30.352	27.172	1.021	
12/14/2016 9:15:00 PM	602100.000	9.789	15.816
22.050	35886.105	43520.398	28.132
29.594	27.866	1.021	
12/14/2016 9:30:00 PM	603000.000	9.875	15.812
22.244	36756.707	44579.934	28.893
30.314	27.206	1.021	
12/14/2016 9:45:00 PM	603900.000	9.898	15.810
22.296	37260.945	45193.348	29.335
30.731	26.838	1.021	
12/14/2016 10:00:00 PM	604800.000	9.894	15.815
22.287	36845.219	44684.641	28.969
30.386	27.141	1.021	
12/14/2016 10:15:00 PM	605700.000	9.958	15.810
22.432	37248.965	45179.000	29.325
30.722	26.846	1.021	
12/14/2016 10:30:00 PM	606600.000	9.894	15.817
22.288	36066.332	43737.789	28.288

29.742	27.727	1.021	
12/14/2016 10:45:00 PM	607500.000	9.948	15.814
22.408	37073.801	44962.770	29.169
30.575	26.973	1.021	
12/14/2016 11:00:00 PM	608400.000	9.886	15.814
22.270	36058.676	43731.551	28.284
29.737	27.733	1.021	
12/14/2016 11:15:00 PM	609300.000	9.872	15.815
22.238	36392.270	44135.129	28.573
30.012	27.478	1.021	
12/14/2016 11:30:00 PM	610200.000	9.899	15.809
22.298	37120.063	45023.578	29.212
30.616	26.940	1.021	
12/14/2016 11:45:00 PM	611100.000	9.745	15.814
21.952	36515.566	44285.938	28.682
30.114	27.386	1.021	

Report Date: 12/19/2016 10:28:22 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_2016-12-15_16-32-08-361.wsl
Create Date: 12/15/2016 4:32:05 PM

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

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

Other Log Settings

Log Notes:

Date and Time	Note
4/28/2016 3:41:19 PM	Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM
4/28/2016 3:41:20 PM	Used Battery: 7% Used Memory: 12% User Name: KMakar

5/5/2016 1:40:50 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 2:30:00 PM
5/12/2016 4:51:07 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:45:00 PM
5/19/2016 5:53:53 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:45:00 PM
5/26/2016 3:21:35 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:15:00 PM
6/2/2016 5:25:19 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 1:15:00 AM Stop Time: 6/2/2016 6:15:00 PM
6/9/2016 2:11:26 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 3:00:00 PM
6/16/2016 6:18:58 PM Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:15:00 PM
6/23/2016 6:28:59 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
7/1/2016 3:22:49 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 5/31/2016 1:00:00 AM Stop Time: 7/1/2016 4:15:00 PM
7/8/2016 1:27:28 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 9:10:31 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 10:00:00 PM
7/22/2016 10:07:59 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
7/28/2016 9:08:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:00:00 PM
8/4/2016 7:48:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 8:35:00 PM
8/11/2016 6:17:29 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/2/2016 12:00:00 PM Stop Time: 8/11/2016 8:15:00 PM
8/18/2016 6:17:33 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 7:00:00 PM
8/18/2016 6:18:37 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 AM Stop Time: 8/18/2016 6:15:00 PM
8/25/2016 9:35:38 PM Log Download - Used Battery: 9% Used Memory: 25% User Name: ELinden Interval - Start Time: 8/17/2016 10:00:00 PM Stop Time: 8/25/2016 10:30:00 PM
9/1/2016 5:23:27 PM Log Download - Used Battery: 9% Used Memory: 25% User Name: skuiper Interval - Start Time: 7/30/2016 10:00:00 PM Stop Time: 9/1/2016 6:15:00 PM
9/8/2016 7:54:43 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 7:45:00 PM
9/8/2016 7:55:48 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/31/2016 12:00:00 AM Stop Time: 9/8/2016 8:45:00 PM
9/15/2016 9:07:41 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/7/2016 10:00:00 PM Stop Time: 9/15/2016 10:00:00 PM
9/22/2016 7:04:04 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/14/2016 10:00:00 PM Stop Time: 9/22/2016 7:15:00 PM
10/2/2016 11:33:24 AM Log Download - Used Battery: 9% Used Memory: 31% User Name: ANorris Interval - Start Time: 9/21/2016 10:00:00 PM Stop Time: 10/2/2016 12:30:00 PM
10/7/2016 1:04:22 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/28/2016 10:00:00 PM Stop Time: 10/7/2016 5:10:00 PM
10/7/2016 8:09:47 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 9/27/2016 12:00:00 AM Stop Time: 10/7/2016 8:00:00 PM
10/13/2016 7:55:41 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 10:00:00 PM Stop Time: 10/13/2016 7:45:00 PM

10/13/2016 7:57:35 PM Log Download - Used Battery: 9% Used Memory: 31% User Name: SKuiper Interval - Start Time: 10/5/2016 12:00:00 AM Stop Time: 10/13/2016 7:45:00 PM
10/20/2016 7:48:34 PM Log Download - Used Battery: 9% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/12/2016 12:00:00 AM Stop Time: 10/20/2016 8:30:00 PM
10/27/2016 6:20:12 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 10/18/2016 5:00:00 PM Stop Time: 10/27/2016 6:15:00 PM
11/3/2016 5:45:21 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 9/30/2016 7:50:00 PM Stop Time: 11/3/2016 6:45:00 PM
11/11/2016 9:44:25 AM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/2/2016 10:00:00 PM Stop Time: 11/11/2016 10:30:00 AM
11/17/2016 4:26:42 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/9/2016 10:00:00 PM Stop Time: 11/17/2016 5:15:00 PM
11/24/2016 4:54:34 PM Log Download - Used Battery: 10% Used Memory: 37% User Name: SKuiper Interval - Start Time: 11/15/2016 10:00:00 PM Stop Time: 11/24/2016 5:45:00 PM
12/2/2016 8:57:25 AM Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 10/31/2016 1:00:00 AM Stop Time: 12/2/2016 9:45:00 AM
12/8/2016 5:43:54 PM Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/8/2016 6:30:00 PM
12/9/2016 11:16:56 AM Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 11/30/2016 10:00:00 PM Stop Time: 12/9/2016 11:15:00 AM
12/15/2016 4:34:19 PM Log Download - Used Battery: 10% Used Memory: 43% User Name: SKuiper Interval - Start Time: 12/7/2016 10:00:00 PM Stop Time: 12/15/2016 4:30:00 PM

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

	Sensor: Baro Pres	Sensor: Baro Pres	
	Elapsed Time	SN#: 399604	SN#: 399604
Date and Time	Seconds	Pressure (mmHg)	Temperature (C)
12/8/2016 12:00:00 AM	7200.000	764.157	11.528
12/8/2016 12:15:00 AM	8100.000	764.511	11.475
12/8/2016 12:30:00 AM	9000.000	764.500	11.418
12/8/2016 12:45:00 AM	9900.000	763.870	11.382
12/8/2016 1:00:00 AM	10800.000	764.032	11.350
12/8/2016 1:15:00 AM	11700.000	764.030	11.309
12/8/2016 1:30:00 AM	12600.000	763.893	11.296
12/8/2016 1:45:00 AM	13500.000	763.774	11.245
12/8/2016 2:00:00 AM	14400.000	763.720	11.237
12/8/2016 2:15:00 AM	15300.000	763.608	11.204
12/8/2016 2:30:00 AM	16200.000	763.921	11.194
12/8/2016 2:45:00 AM	17100.000	763.839	11.213
12/8/2016 3:00:00 AM	18000.000	763.586	11.203
12/8/2016 3:15:00 AM	18900.000	763.568	11.212
12/8/2016 3:30:00 AM	19800.000	763.363	11.186
12/8/2016 3:45:00 AM	20700.000	763.133	11.248
12/8/2016 4:00:00 AM	21600.000	763.684	11.260
12/8/2016 4:15:00 AM	22500.000	763.311	11.277

12/8/2016 4:30:00 AM	23400.000	763.315	11.278
12/8/2016 4:45:00 AM	24300.000	763.472	11.297
12/8/2016 5:00:00 AM	25200.000	763.440	11.322
12/8/2016 5:15:00 AM	26100.000	763.153	11.323
12/8/2016 5:30:00 AM	27000.000	763.755	11.357
12/8/2016 5:45:00 AM	27900.000	763.852	11.394
12/8/2016 6:00:00 AM	28800.000	763.812	11.375
12/8/2016 6:15:00 AM	29700.000	763.648	11.425
12/8/2016 6:30:00 AM	30600.000	764.310	11.446
12/8/2016 6:45:00 AM	31500.000	763.846	11.482
12/8/2016 7:00:00 AM	32400.000	764.218	11.562
12/8/2016 7:15:00 AM	33300.000	764.456	11.618
12/8/2016 7:30:00 AM	34200.000	764.004	11.631
12/8/2016 7:45:00 AM	35100.000	764.282	11.698
12/8/2016 8:00:00 AM	36000.000	764.508	11.706
12/8/2016 8:15:00 AM	36900.000	764.462	11.783
12/8/2016 8:30:00 AM	37800.000	764.715	11.816
12/8/2016 8:45:00 AM	38700.000	765.030	11.831
12/8/2016 9:00:00 AM	39600.000	765.126	11.882
12/8/2016 9:15:00 AM	40500.000	765.249	11.889
12/8/2016 9:30:00 AM	41400.000	765.272	11.887
12/8/2016 9:45:00 AM	42300.000	765.860	11.926
12/8/2016 10:00:00 AM	43200.000	766.124	11.937
12/8/2016 10:15:00 AM	44100.000	765.850	11.980
12/8/2016 10:30:00 AM	45000.000	765.545	12.040
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12/8/2016 11:00:00 AM	46800.000	765.980	12.139
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12/8/2016 4:30:00 PM	66600.000	765.658	13.349
12/8/2016 4:45:00 PM	67500.000	765.117	13.377
12/8/2016 5:00:00 PM	68400.000	765.956	13.412
12/8/2016 5:15:00 PM	69300.000	765.617	13.448
12/8/2016 5:30:00 PM	70200.000	765.251	13.423
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12/8/2016 7:15:00 PM	76500.000	765.882	13.512
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12/8/2016 8:30:00 PM	81000.000	766.743	13.555
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12/8/2016 9:00:00 PM	82800.000	766.871	13.555
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12/8/2016 9:45:00 PM	85500.000	767.340	13.570
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12/9/2016 5:15:00 AM	112500.000	767.098	13.161
12/9/2016 5:30:00 AM	113400.000	767.164	13.158
12/9/2016 5:45:00 AM	114300.000	767.470	13.170
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12/9/2016 10:30:00 AM	131400.000	768.801	13.506
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12/10/2016 4:00:00 AM	194400.000	765.860	14.450
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12/10/2016 1:15:00 PM	227700.000	764.078	15.806
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12/10/2016 6:15:00 PM	245700.000	764.266	15.401
12/10/2016 6:30:00 PM	246600.000	763.696	15.371
12/10/2016 6:45:00 PM	247500.000	763.474	15.330
12/10/2016 7:00:00 PM	248400.000	763.920	15.306
12/10/2016 7:15:00 PM	249300.000	763.710	15.332
12/10/2016 7:30:00 PM	250200.000	763.971	15.244
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12/10/2016 8:00:00 PM	252000.000	764.427	15.244
12/10/2016 8:15:00 PM	252900.000	764.521	15.197
12/10/2016 8:30:00 PM	253800.000	764.306	15.183
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12/14/2016 12:00:00 AM	525600.000	764.690	13.715
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12/14/2016 4:15:00 AM	540900.000	763.687	13.333
12/14/2016 4:30:00 AM	541800.000	763.481	13.298
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12/14/2016 5:15:00 AM	544500.000	763.461	13.253
12/14/2016 5:30:00 AM	545400.000	763.226	13.187
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Serial_number:
2003874
Project ID:
MPWSP Monitoring Wells Barologge
Location:
MW-5M Baro
LEVEL
UNIT: psi
TEMPERATURE
UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
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12/13/2016	21:15:00	0	14.7315	11.685
12/13/2016	21:30:00	0	14.7314	11.498
12/13/2016	21:45:00	0	14.7335	11.235
12/13/2016	22:00:00	0	14.7366	10.999
12/13/2016	22:15:00	0	14.7396	10.785
12/13/2016	22:30:00	0	14.7385	10.547
12/13/2016	22:45:00	0	14.7366	10.305
12/13/2016	23:00:00	0	14.7351	10.122
12/13/2016	23:15:00	0	14.7361	9.954
12/13/2016	23:30:00	0	14.7367	9.854
12/13/2016	23:45:00	0	14.7347	9.766
12/14/2016	0:00:00	0	14.7326	9.675
12/14/2016	0:15:00	0	14.7311	9.61
12/14/2016	0:30:00	0	14.7277	9.57
12/14/2016	0:45:00	0	14.7268	9.525
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12/14/2016	1:15:00	0	14.7258	9.703
12/14/2016	1:30:00	0	14.7255	9.776
12/14/2016	1:45:00	0	14.7259	9.783
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12/14/2016	2:30:00	0	14.727	9.801
12/14/2016	2:45:00	0	14.7281	9.807
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12/14/2016	3:45:00	0	14.7259	10.012
12/14/2016	4:00:00	0	14.722	10.031
12/14/2016	4:15:00	0	14.7201	9.989
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12/14/2016	5:00:00	0	14.7112	9.776
12/14/2016	5:15:00	0	14.714	9.694
12/14/2016	5:30:00	0	14.7115	9.627
12/14/2016	5:45:00	0	14.7117	9.605

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12/14/2016	6:15:00	0	14.7135	9.575
12/14/2016	6:30:00	0	14.7125	9.529
12/14/2016	6:45:00	0	14.7148	9.499
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12/14/2016	11:45:00	0	14.7193	18.716
12/14/2016	12:00:00	0	14.7154	19.47
12/14/2016	12:15:00	0	14.7142	20.075
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12/14/2016	14:45:00	0	14.6957	20.862
12/14/2016	15:00:00	0	14.6952	20.045
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12/14/2016	15:30:00	0	14.6927	18.649
12/14/2016	15:45:00	0	14.6909	18.003
12/14/2016	16:00:00	0	14.6909	17.355
12/14/2016	16:15:00	0	14.6929	16.682
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12/14/2016	16:45:00	0	14.6934	15.45
12/14/2016	17:00:00	0	14.6948	14.971
12/14/2016	17:15:00	0	14.6935	14.557
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12/14/2016	17:45:00	0	14.6926	13.894
12/14/2016	18:00:00	0	14.6976	13.657
12/14/2016	18:15:00	0	14.6938	13.474
12/14/2016	18:30:00	0	14.6931	13.323
12/14/2016	18:45:00	0	14.6927	13.197
12/14/2016	19:00:00	0	14.6926	13.088
12/14/2016	19:15:00	0	14.6946	12.989
12/14/2016	19:30:00	0	14.6901	12.892
12/14/2016	19:45:00	0	14.6862	12.784
12/14/2016	20:00:00	0	14.6868	12.652
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12/14/2016	20:30:00	0	14.6895	12.499
12/14/2016	20:45:00	0	14.6925	12.518
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12/14/2016	21:30:00	0	14.6973	12.583
12/14/2016	21:45:00	0	14.6977	12.54
12/14/2016	22:00:00	0	14.6991	12.519
12/14/2016	22:15:00	0	14.6994	12.516
12/14/2016	22:30:00	0	14.6956	12.517
12/14/2016	22:45:00	0	14.6943	12.467
12/14/2016	23:00:00	0	14.6918	12.362
12/14/2016	23:15:00	0	14.691	12.257
12/14/2016	23:30:00	0	14.6924	12.138
12/14/2016	23:45:00	0	14.6942	12

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