

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 34 9-December-15 - 16-December-15

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

December 22, 2015

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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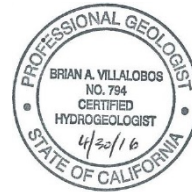
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THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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Project Manager

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1	General Technical Description of Monitoring Wells
2	Summary of Test Slant Well Laboratory Water Quality Results

APPENDICES

Description

- A-1 Coastal Development Permit #A-3-MRA-14-0050
- A-2 Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
- B Groundwater Level and Salinity Instrument Data for the Period 9-December-15 through 16-December-15

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. 34 9-DECEMBER-15 - 16-DECEMBER-15

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 (Cal-Am) 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 the CEMEX’s dredge pond (CP-1) is also being monitored.

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, CCC allowed for weekly maintenance pumping of 6-Hours per week to maintain the TSW in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2). This report summarizes monitoring performed for the period 9-December-15 through 16-December-15 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.

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 monthly while the well is in operation and is presented in Table 2.

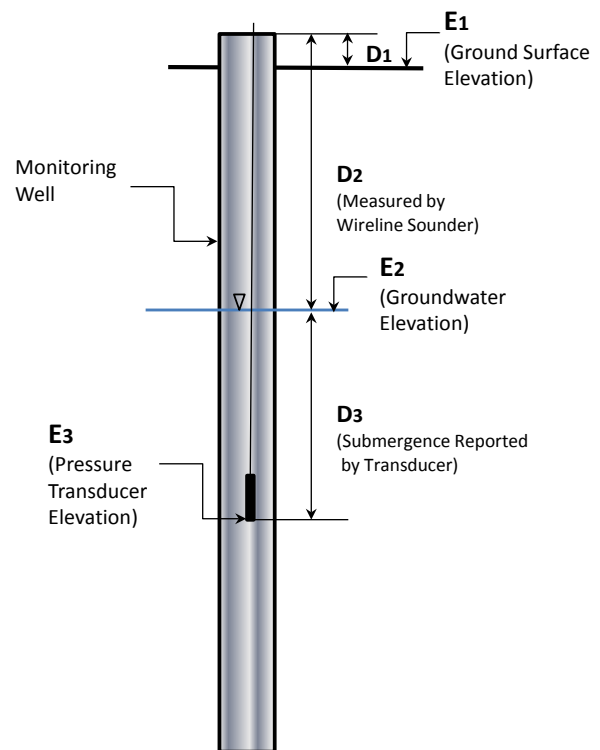
1.7 Format of Report

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 wells MRWPCA Well 1. Similarly, 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. 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.

In compliance with CDP #A-3-MRA-14-0050, the Test Slant Well Long Term Pumping Monitoring Report No. 34 (this report), is the thirty-fourth of the weekly long-term pumping monitoring reports and follows the weekly baseline monitoring reports, the last of which ended on 22-Apr-15 (Baseline Monitoring Report No. 7¹).

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

Pressure transducer readings were converted to ground water 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



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).

setting depth is determined using an electrical wire line sounder (Solinst , Model 101) to establish the depth to water in the well. The transducer elevation is then determined as follows:

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

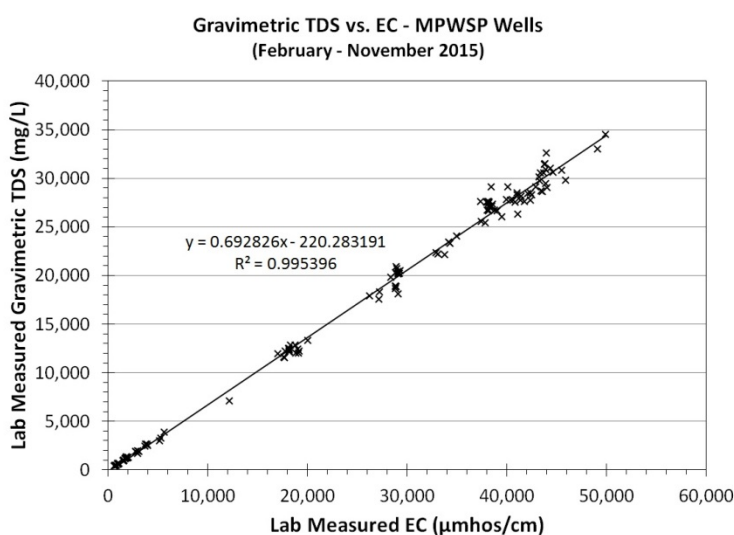
Once the transducer elevation has been established, ground water elevations in ft NAVD88 are calculated from transducer submergence readings ($D3$) (psi converted to ft) and depth to water measurements ($D2$) as follows:

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

MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RP's 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, 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

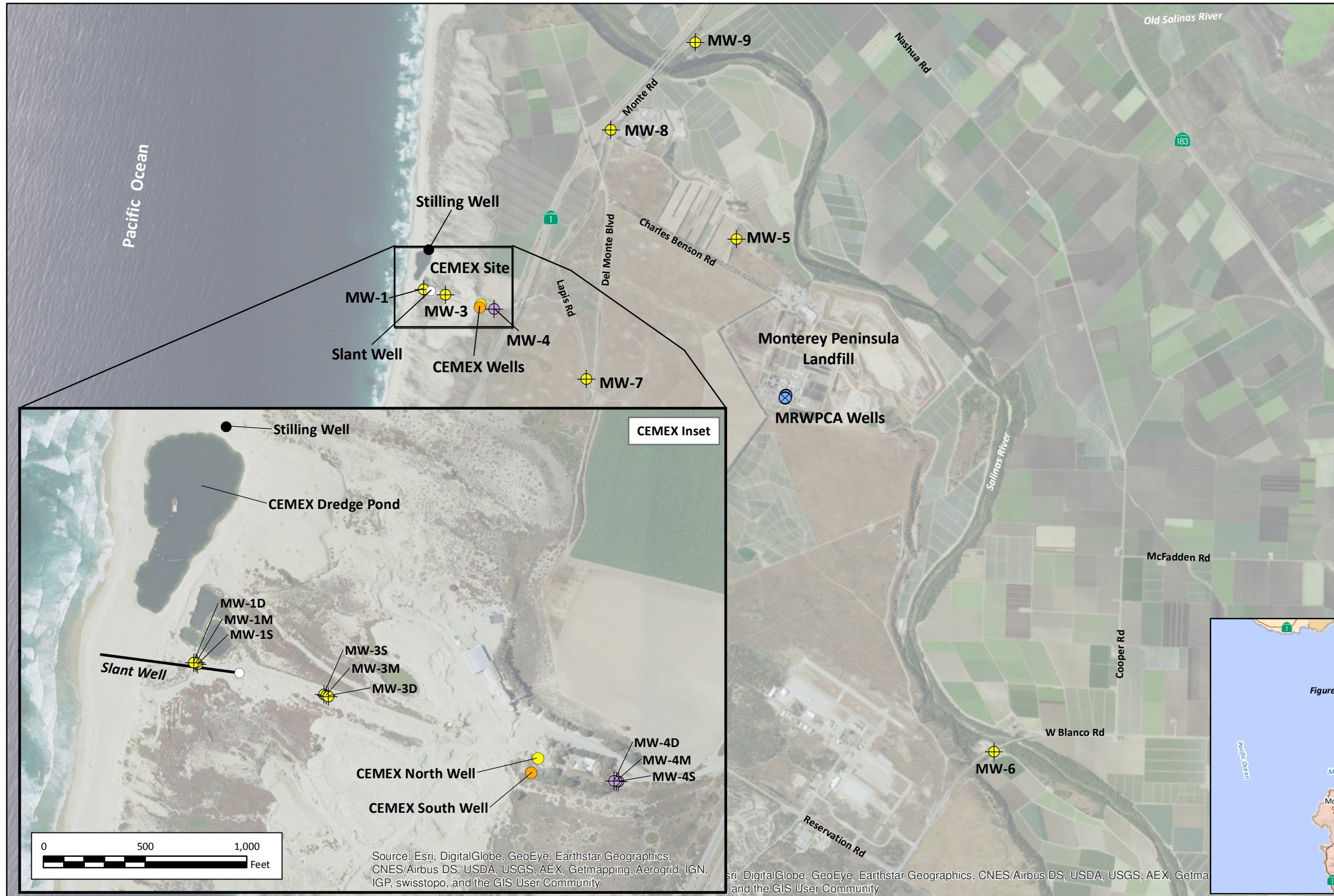
The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples collected by pumping the monitoring wells and conductivity data cannot be made since the pumped 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 TSW pump sample collection from the TSW has resumed. Results of the TSW analyses can be found in Table 2.

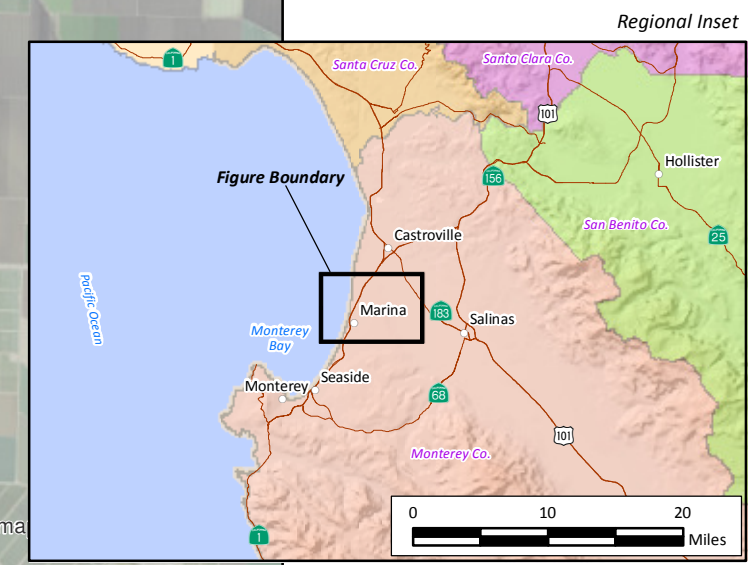
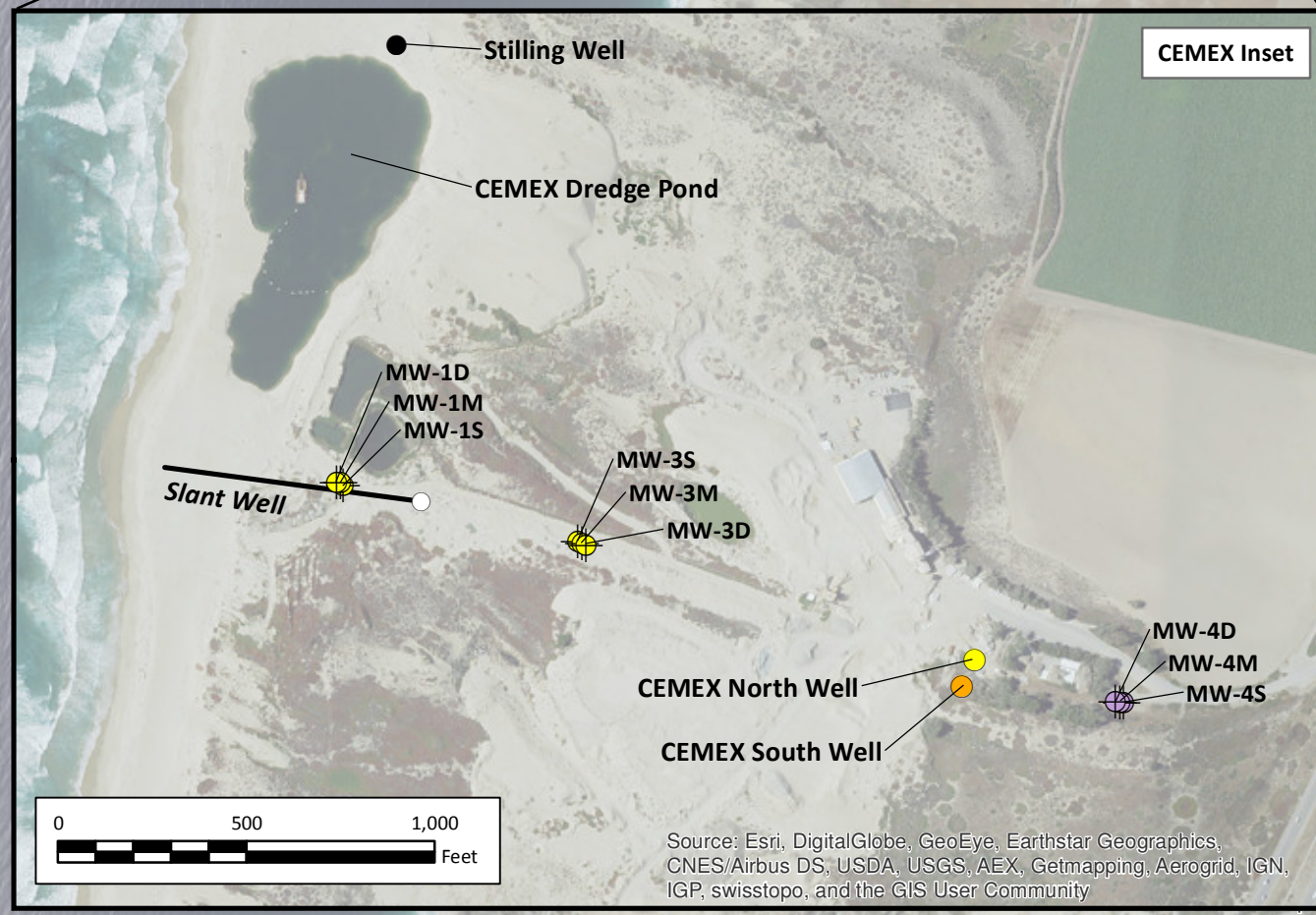
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 & MW-6). MW-3 series and MW-4 series are the closest inland wells from the test slant well (see Figure 1-1) and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

FIGURES

MPWSP GROUNDWATER MONITORING NETWORK



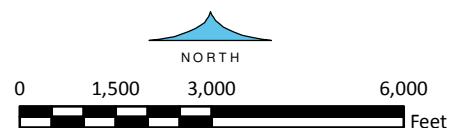
- EXPLANATION**
- Existing Monitoring Well Cluster
 - Compliance Monitoring Well
 - Inactive Production Well
 - CEMEX Well - Inactive (Monitored)
 - CEMEX Well - Active (Not Monitored)
 - Stilling Well
 - Slant Well



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

Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getma and the GIS User Community

22-Dec-15
 Prepared by: DB. Map Projection: State Plane 1983, Zone IV.
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Figure 1-1

Groundwater Elevation in MPWSP MW-1

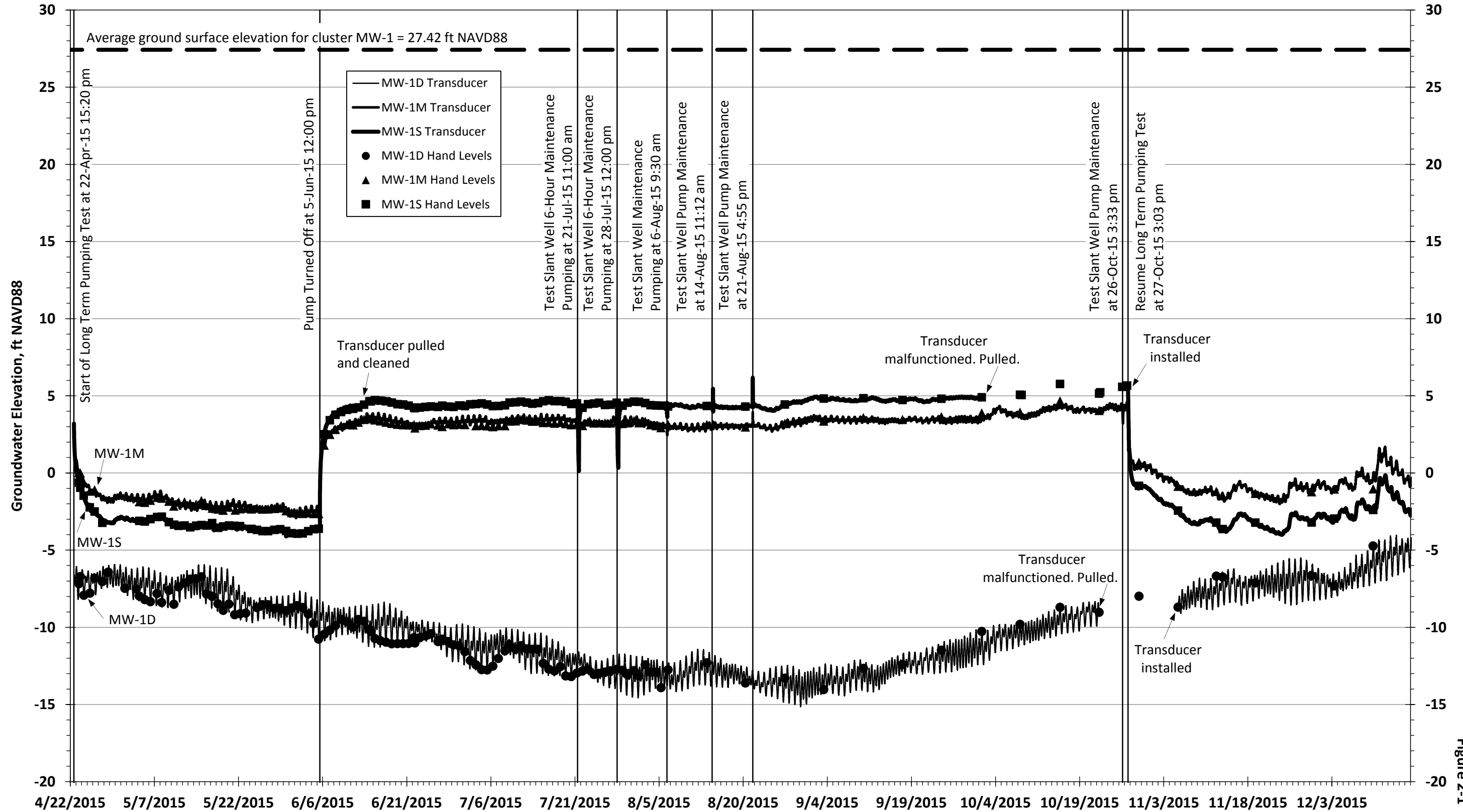


Figure 2-1

Groundwater Elevation in MPWSP MW-3

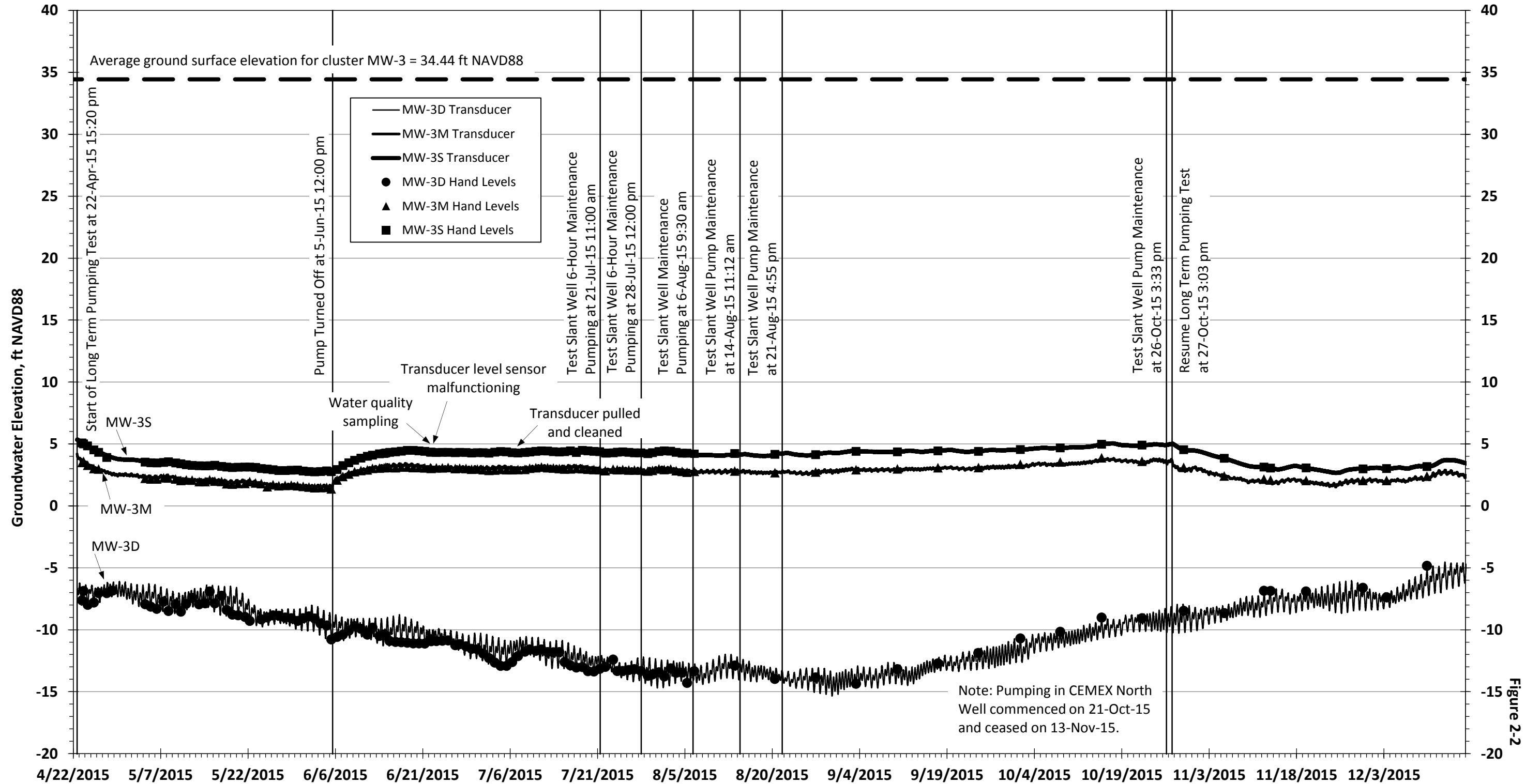


Figure 2-2

Groundwater Elevation in MPWSP MW-4

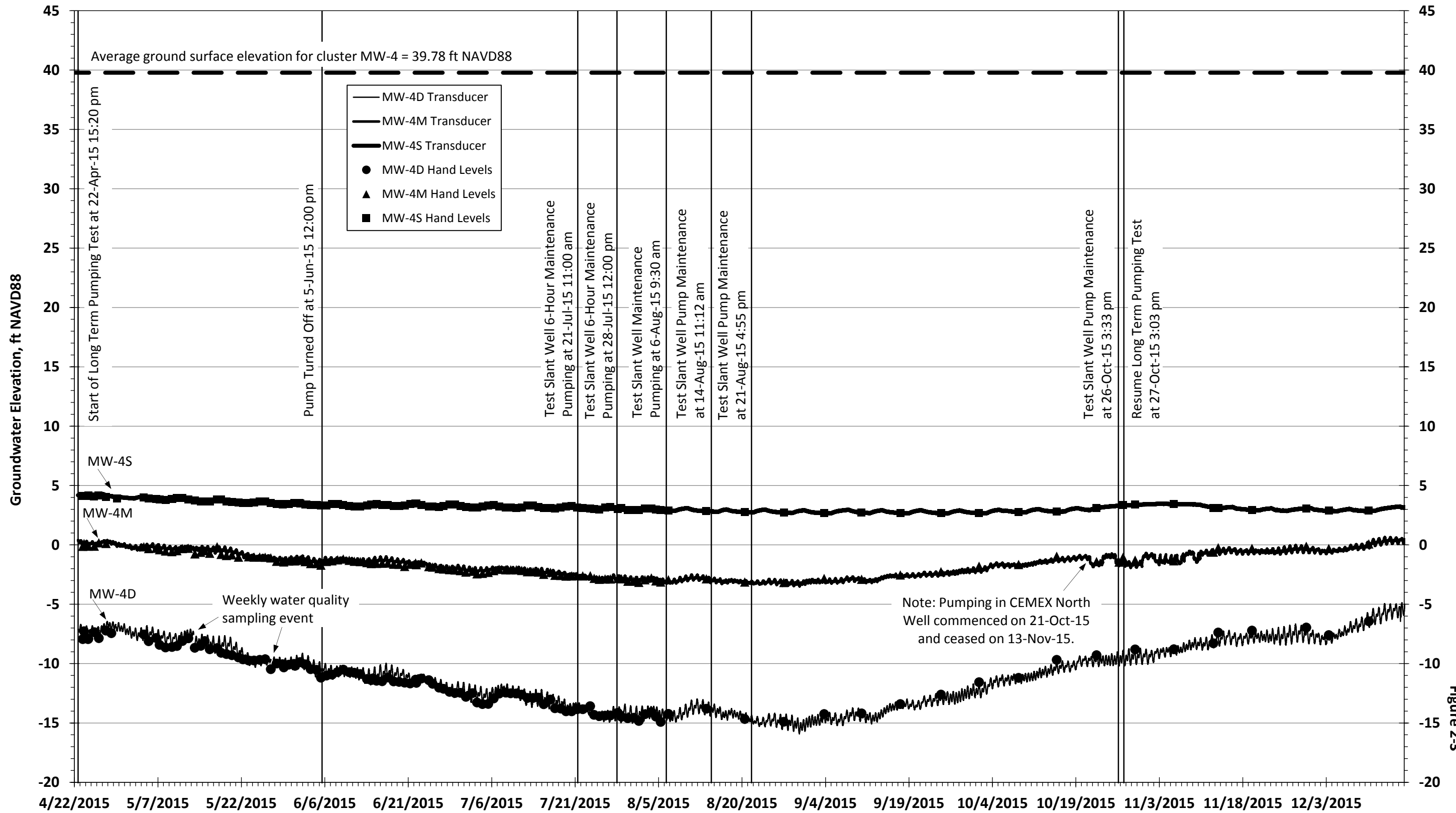


Figure 2-3

Groundwater Elevation in MPWSP MW-5

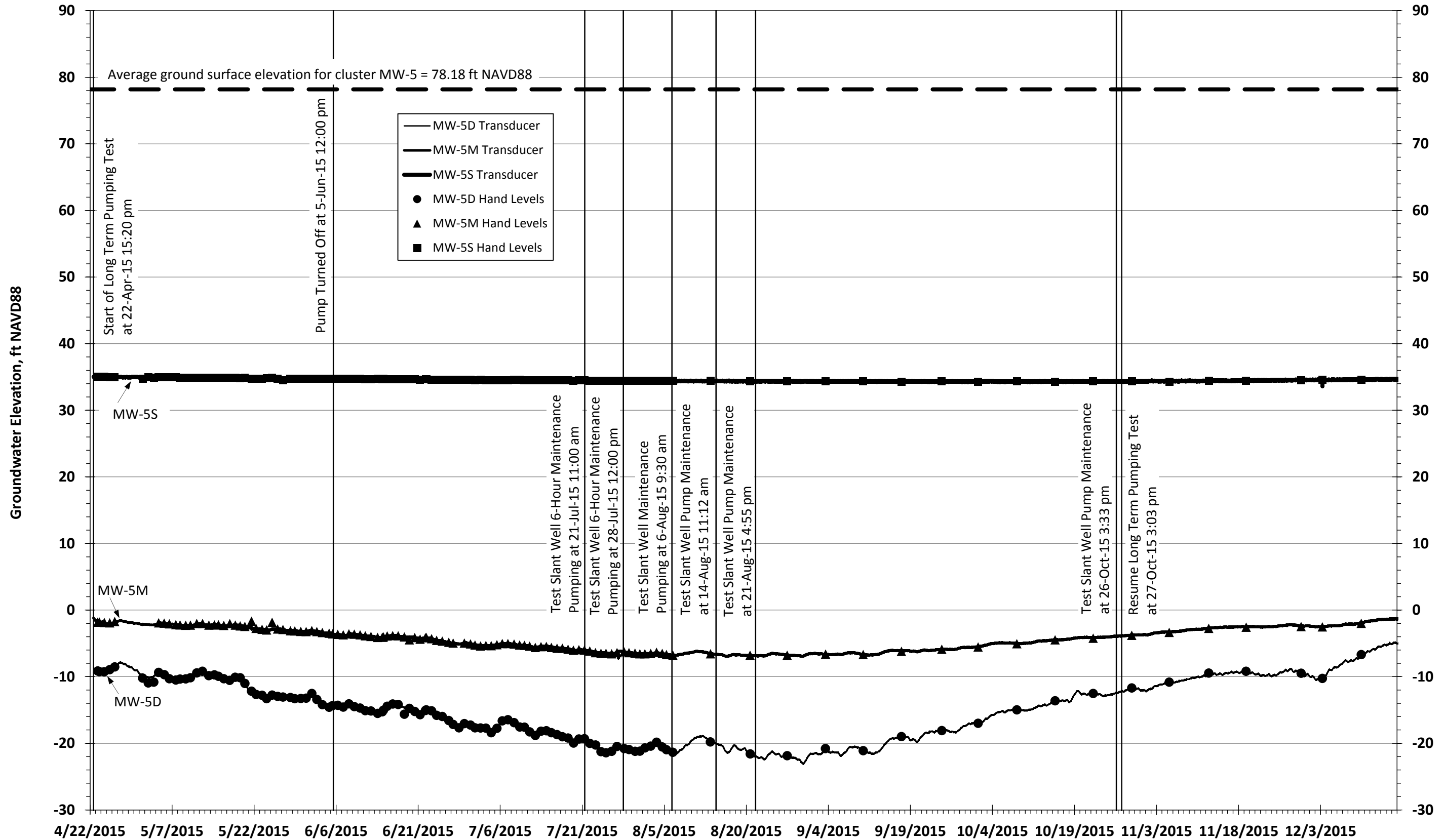


Figure 2-4

Groundwater Elevation in MPWSP MW-6

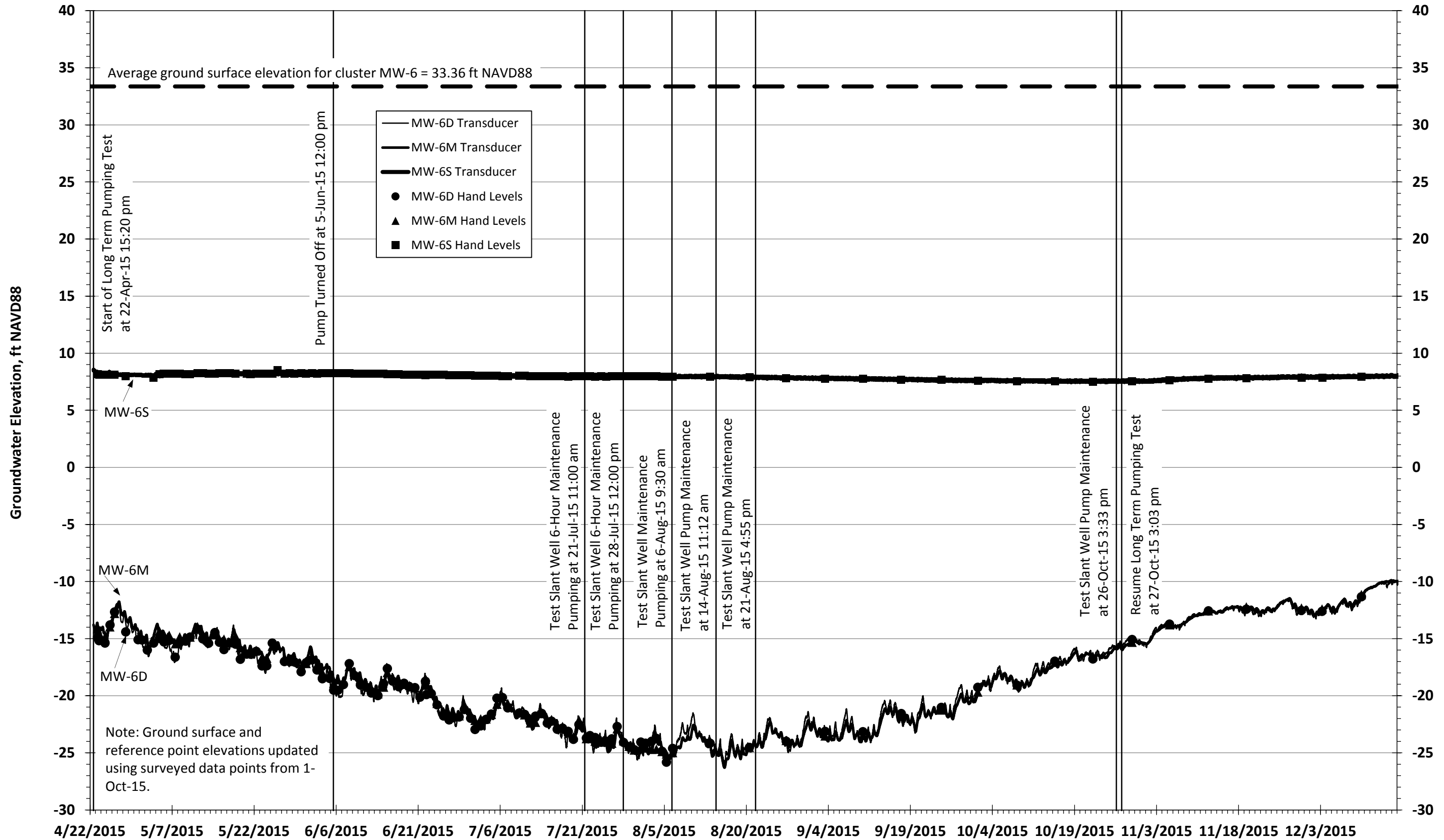


Figure 2-5

Groundwater Elevation in MPWSP MW-7

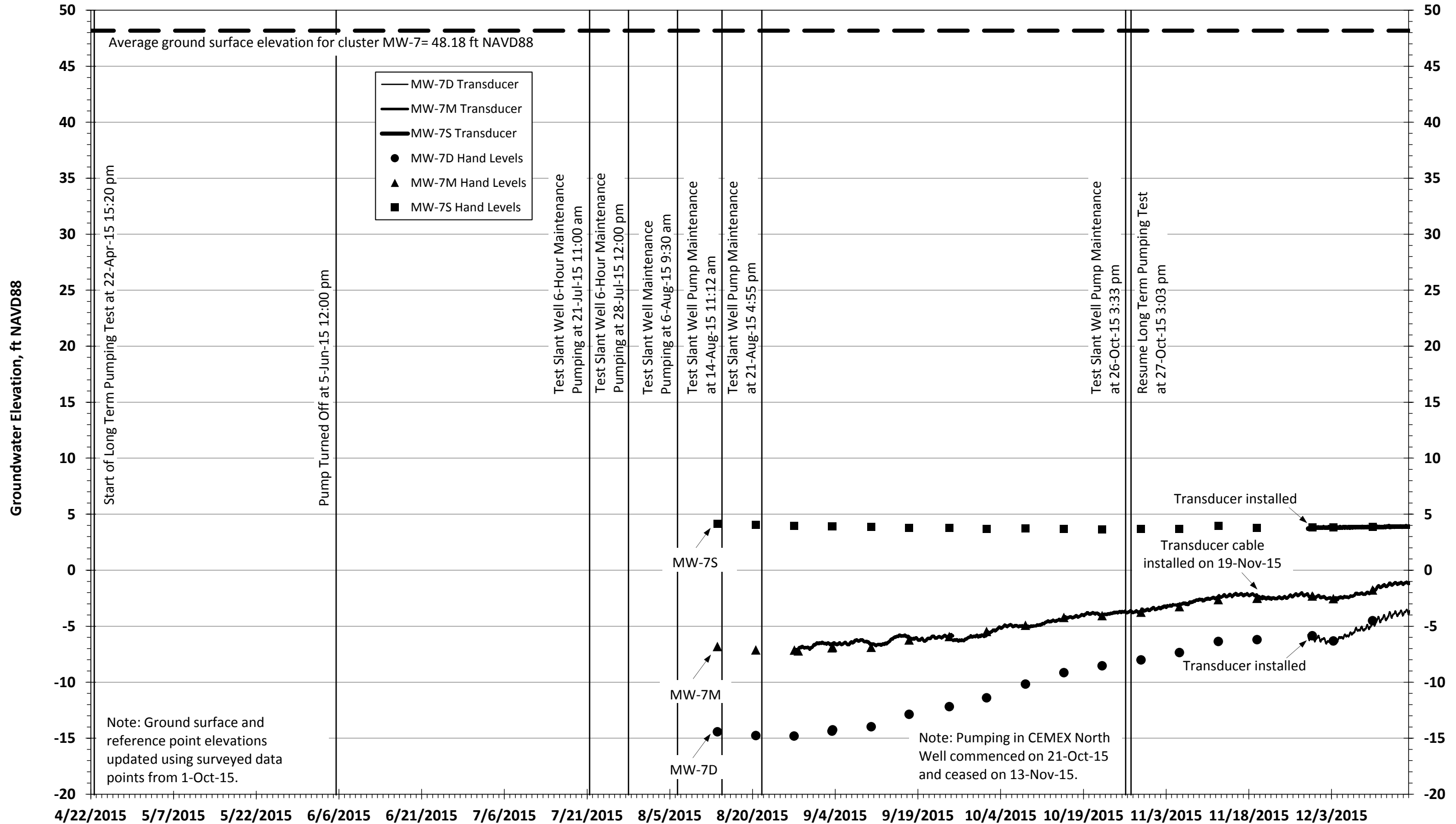


Figure 2-6

Groundwater Elevation in MPWSP MW-8

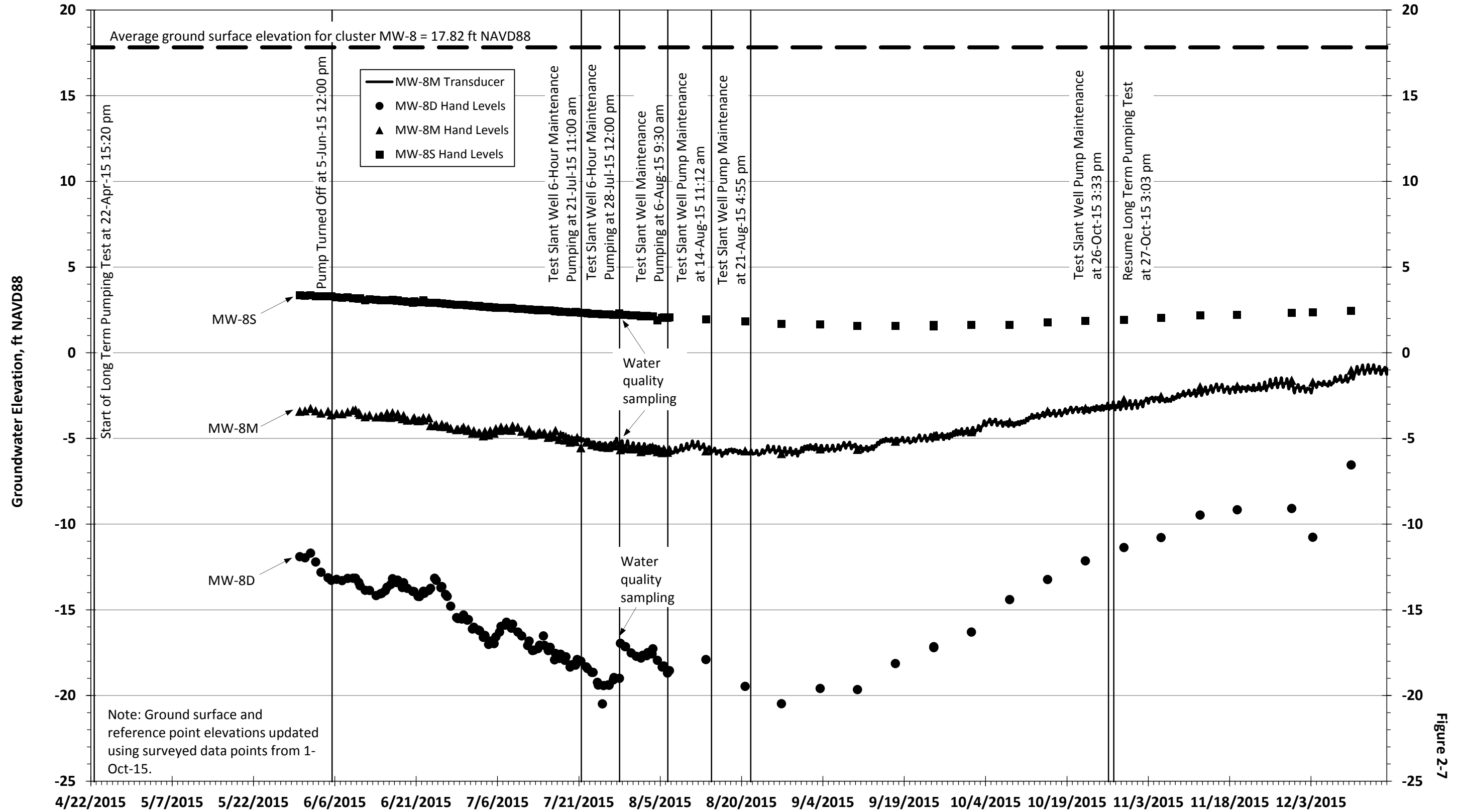


Figure 2-7

Groundwater Elevation in MPWSP MW-9

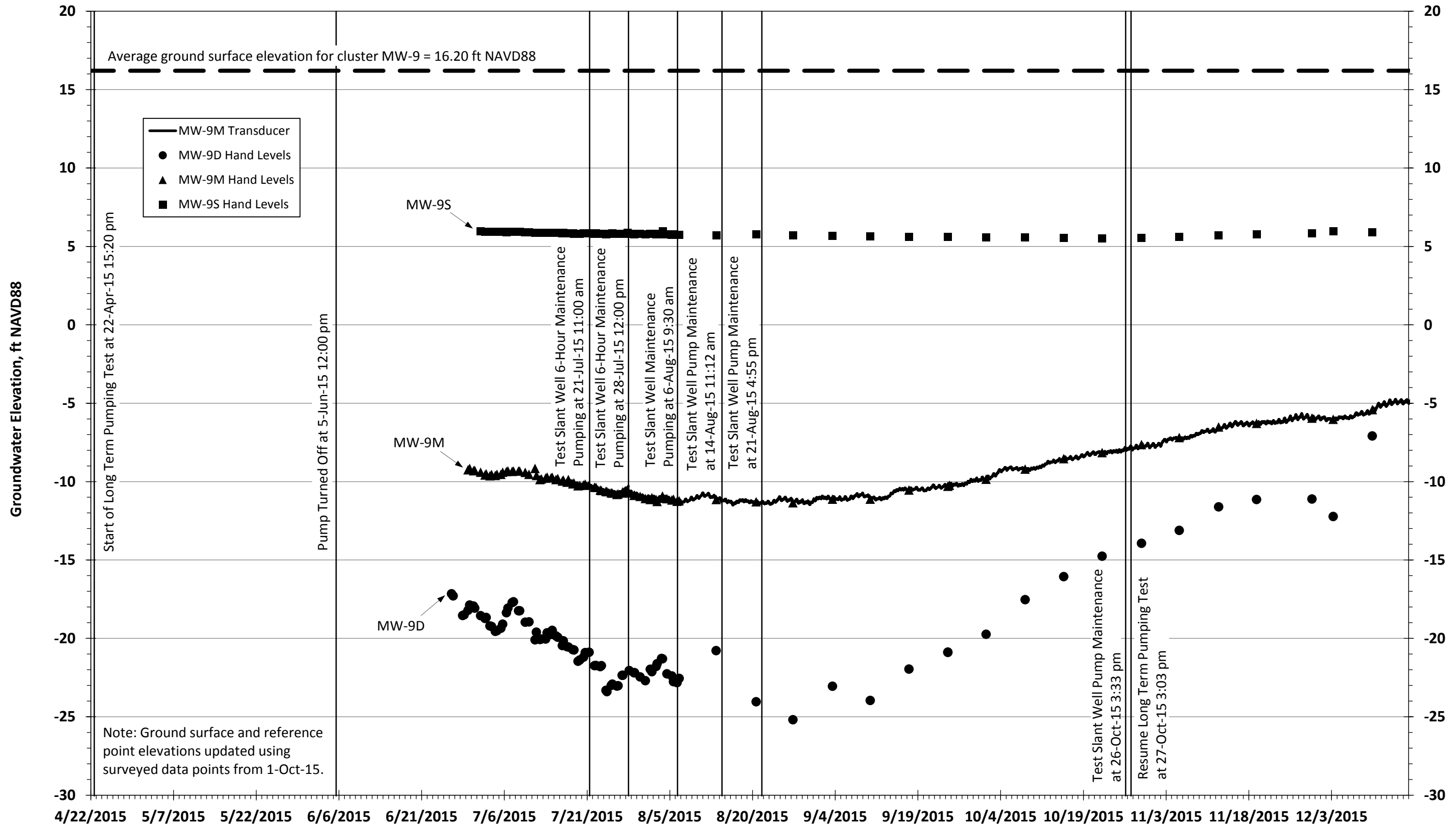


Figure 2-8

Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

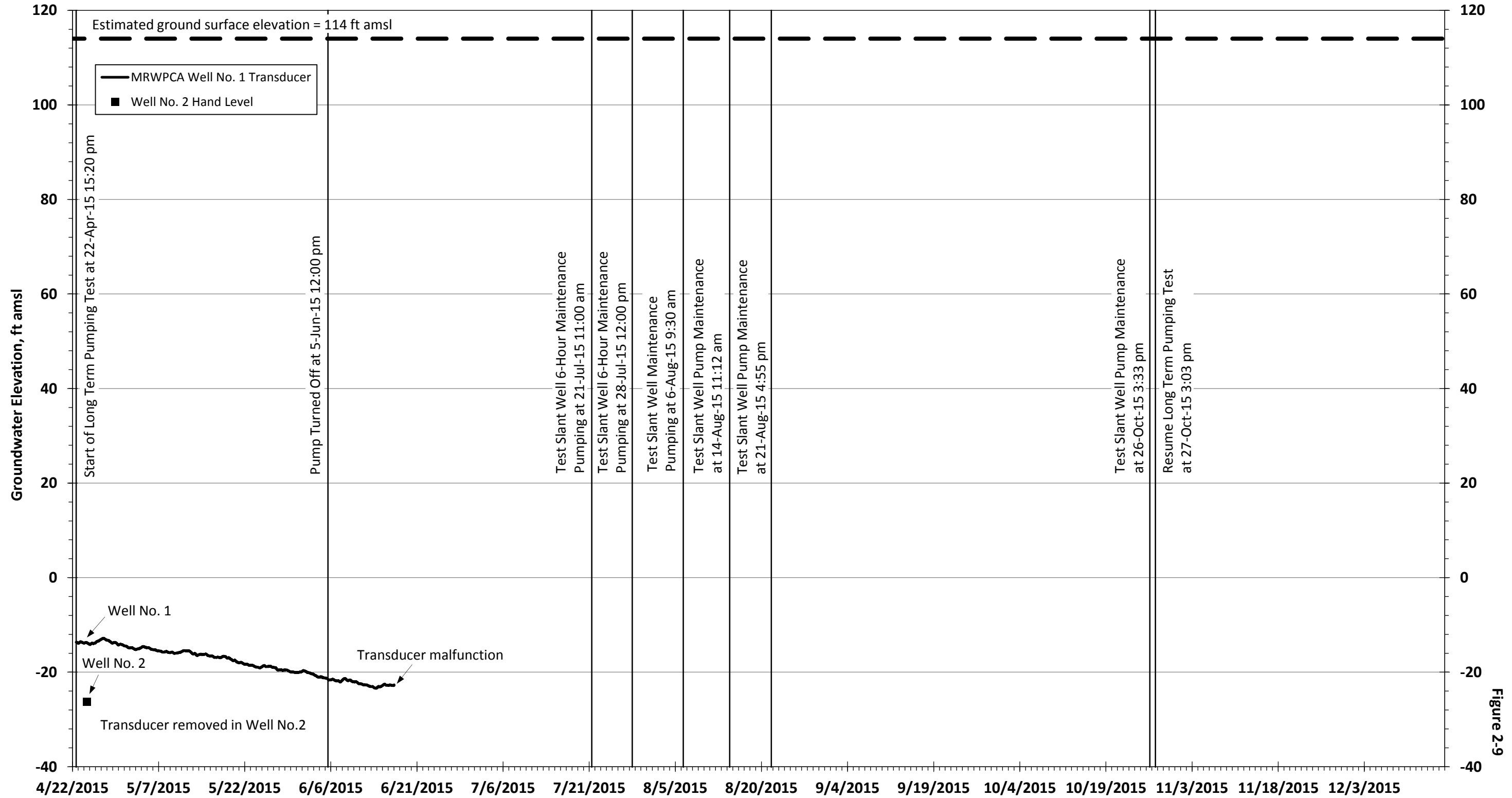


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

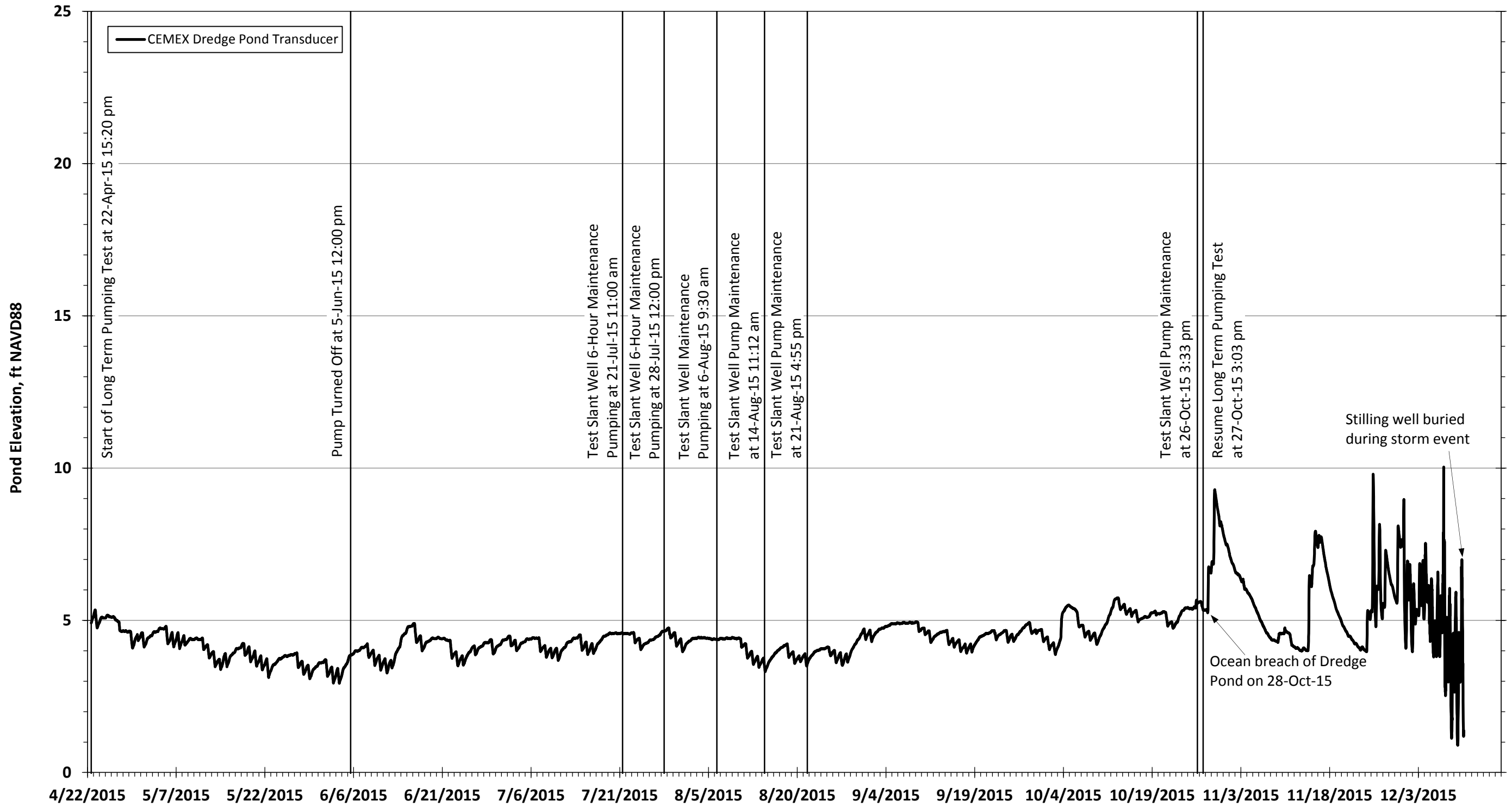


Figure 2-10

Groundwater Elevation in CEMEX North Well

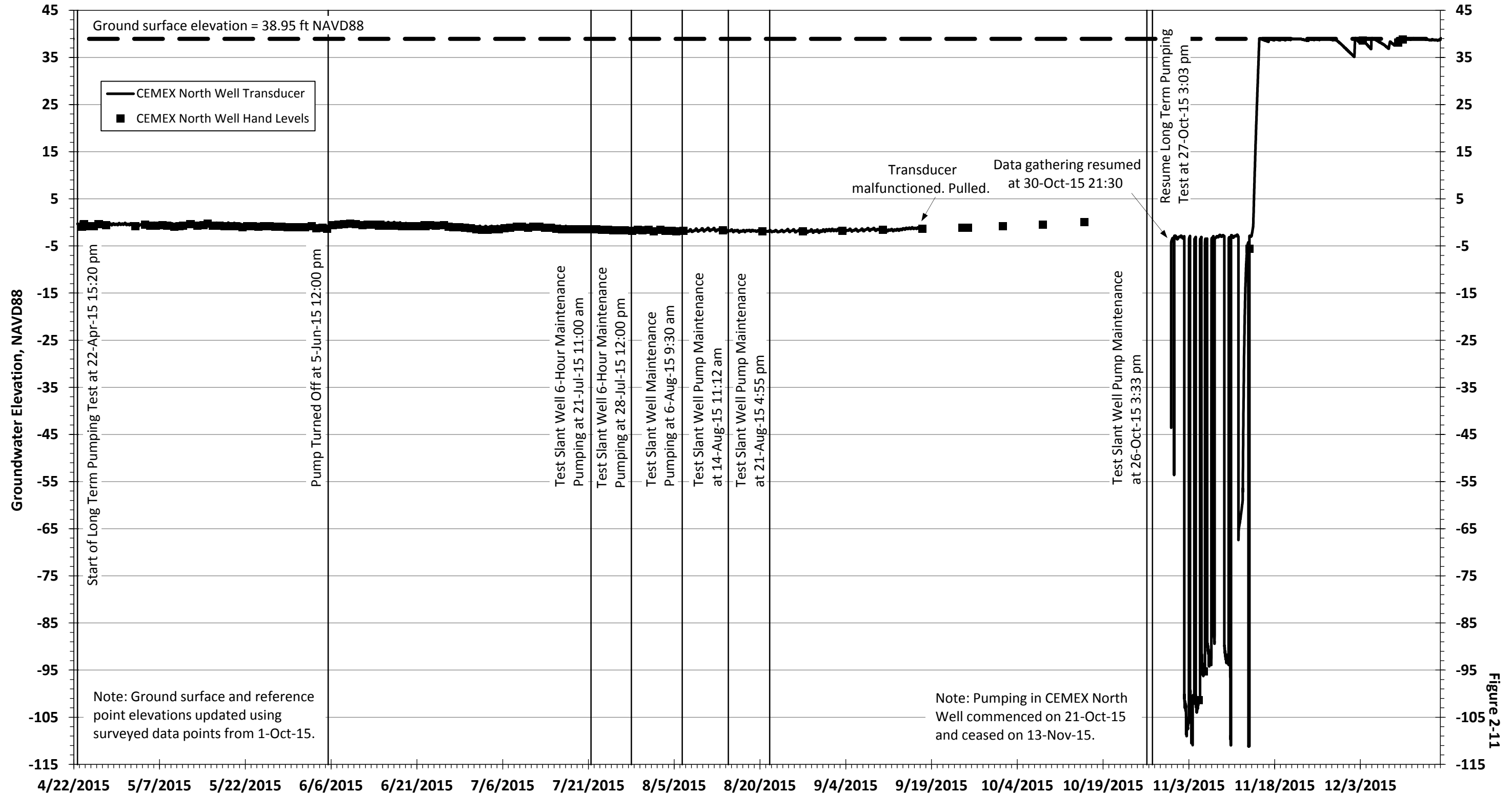


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

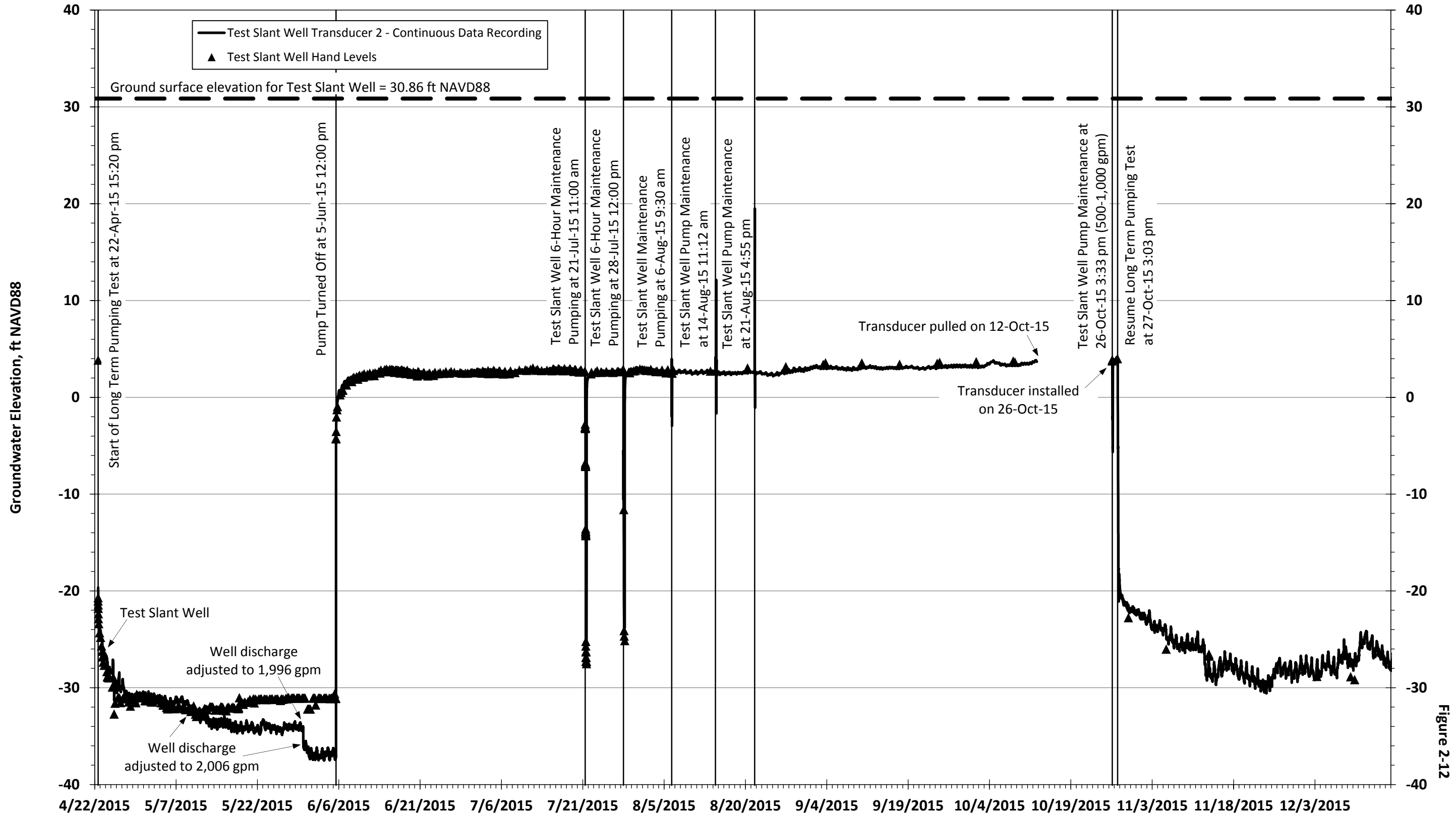


Figure 2-12

Specific Conductivity in MPWSP MW-1

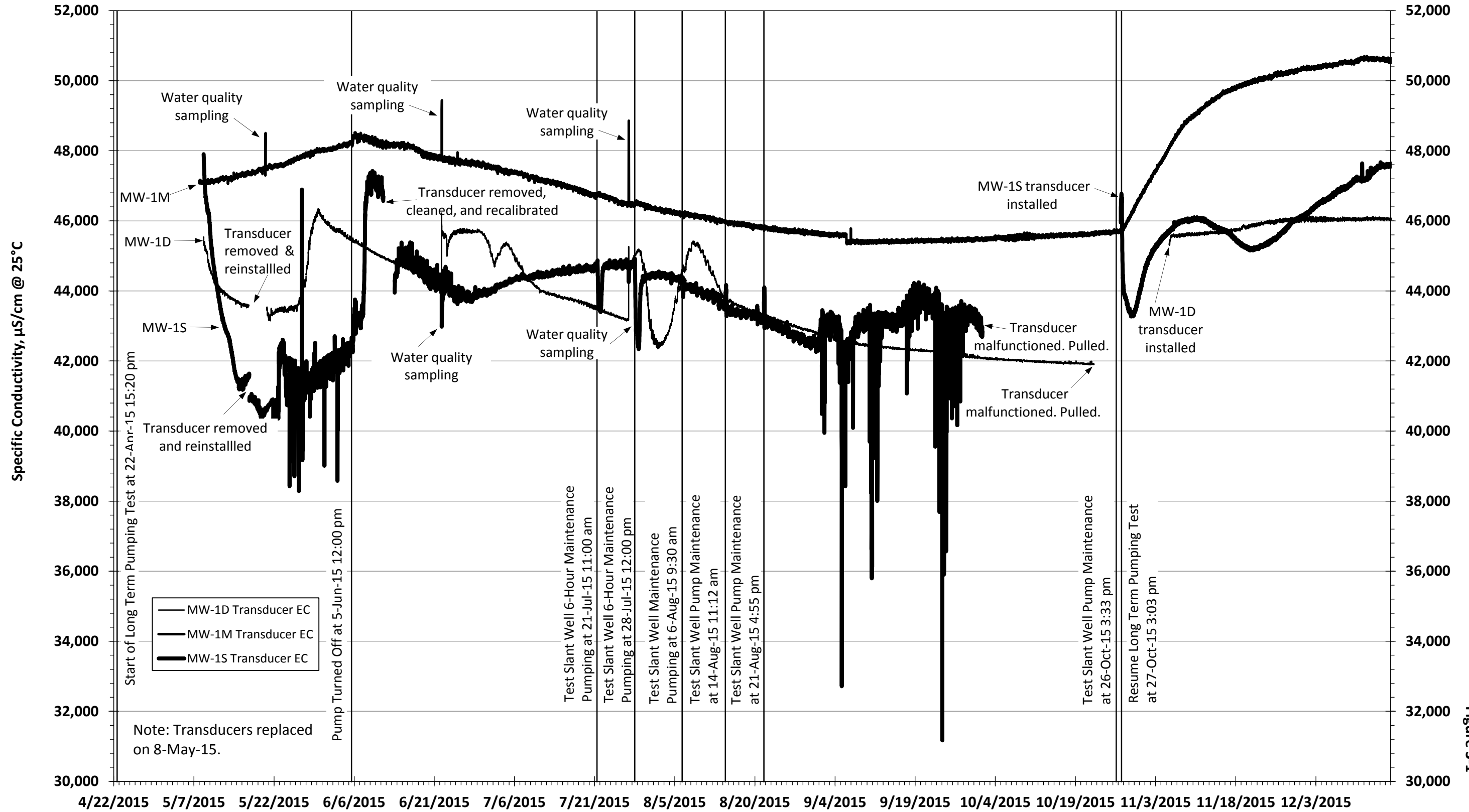


Figure 3-1

Specific Conductivity in MPWSP MW-3

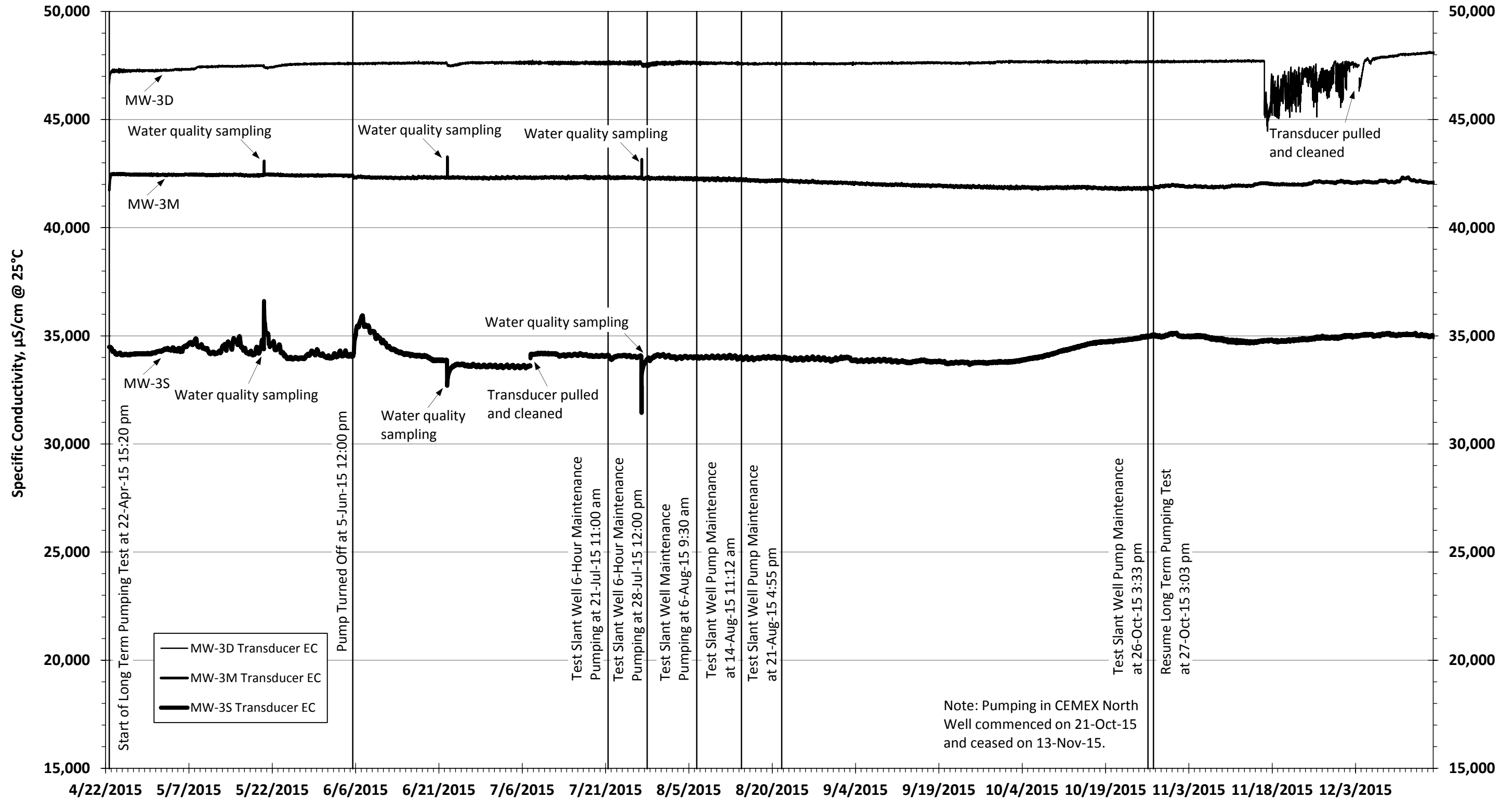


Figure 3-2

Specific Conductivity in MPWSP MW-4

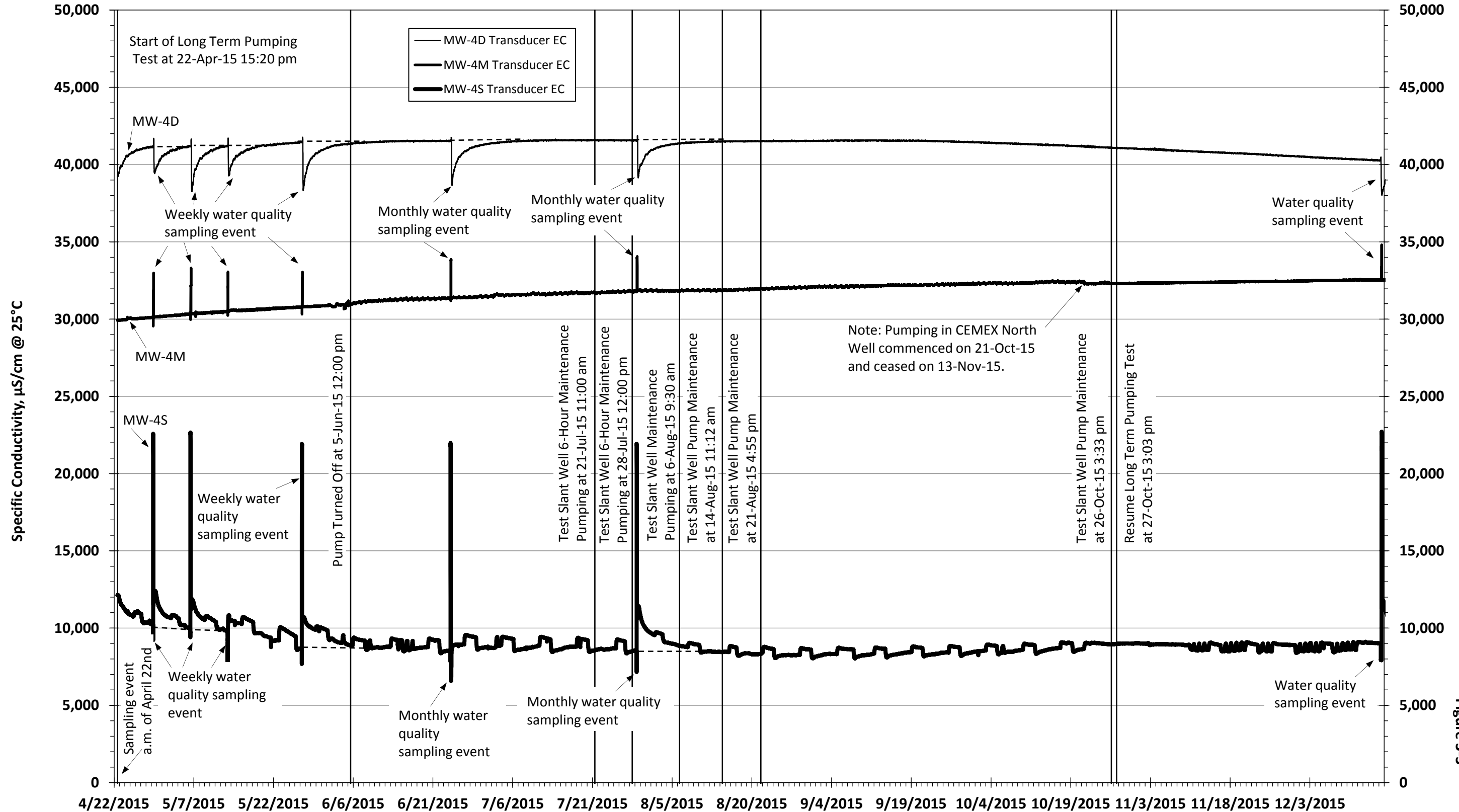


Figure 3-3

Specific Conductivity in MPWSP MW-5

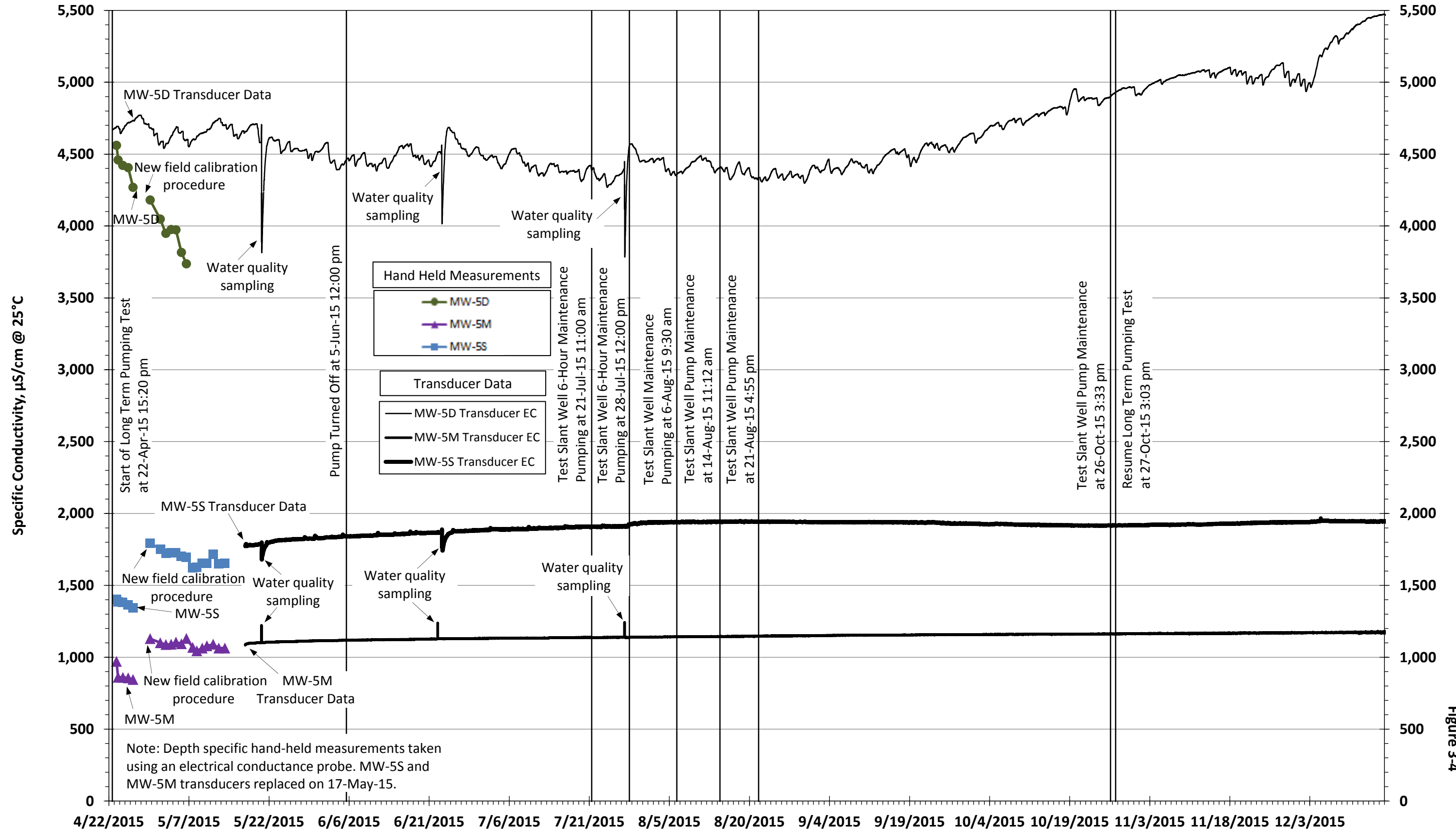


Figure 3-4

Specific Conductivity in MPWSP MW-6

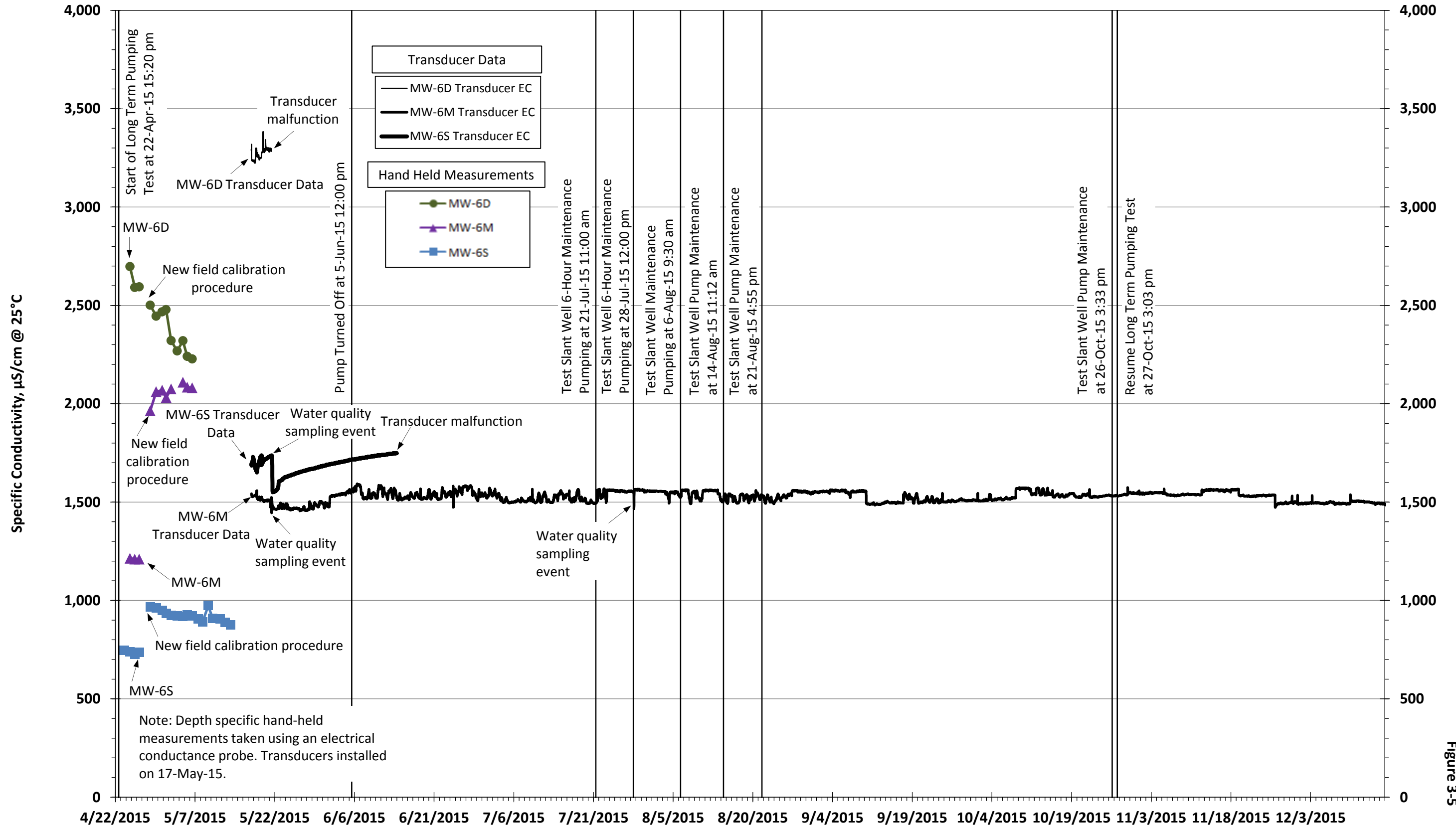


Figure 3-5

Specific Conductivity in MPWSP MW-7

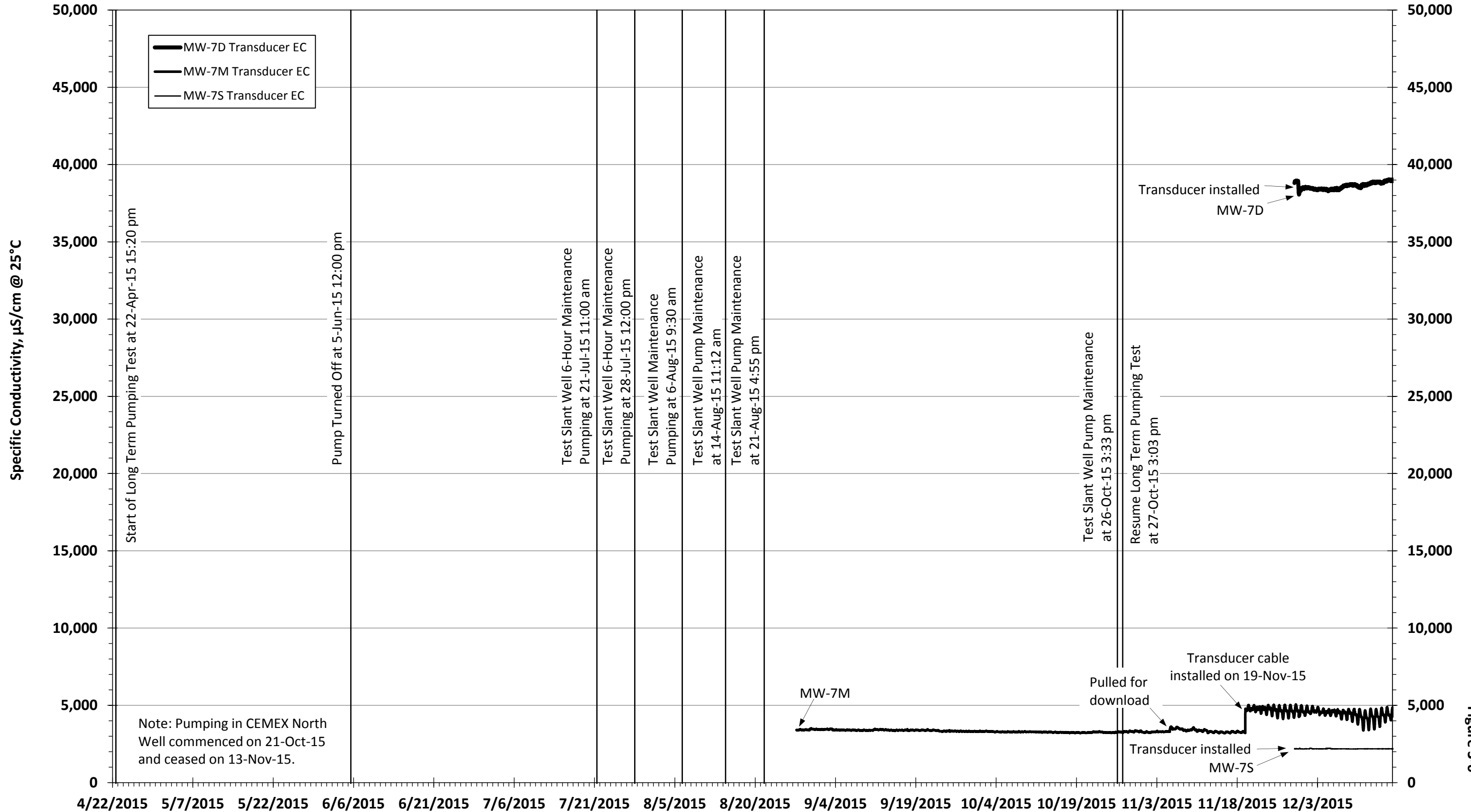


Figure 3-6

Specific Conductivity in MPWSP MW-8M

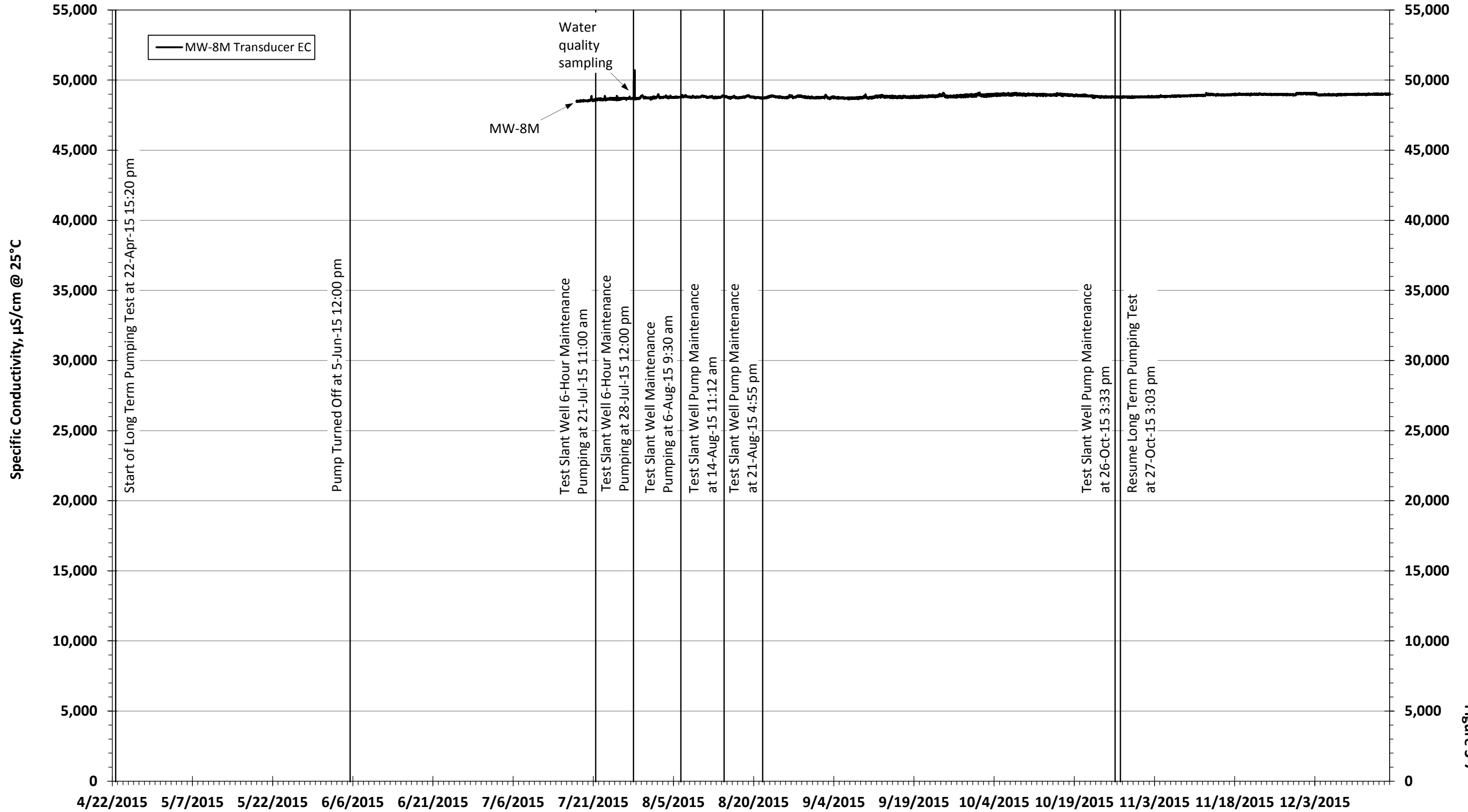


Figure 3-7

Specific Conductivity in MPWSP MW-9M

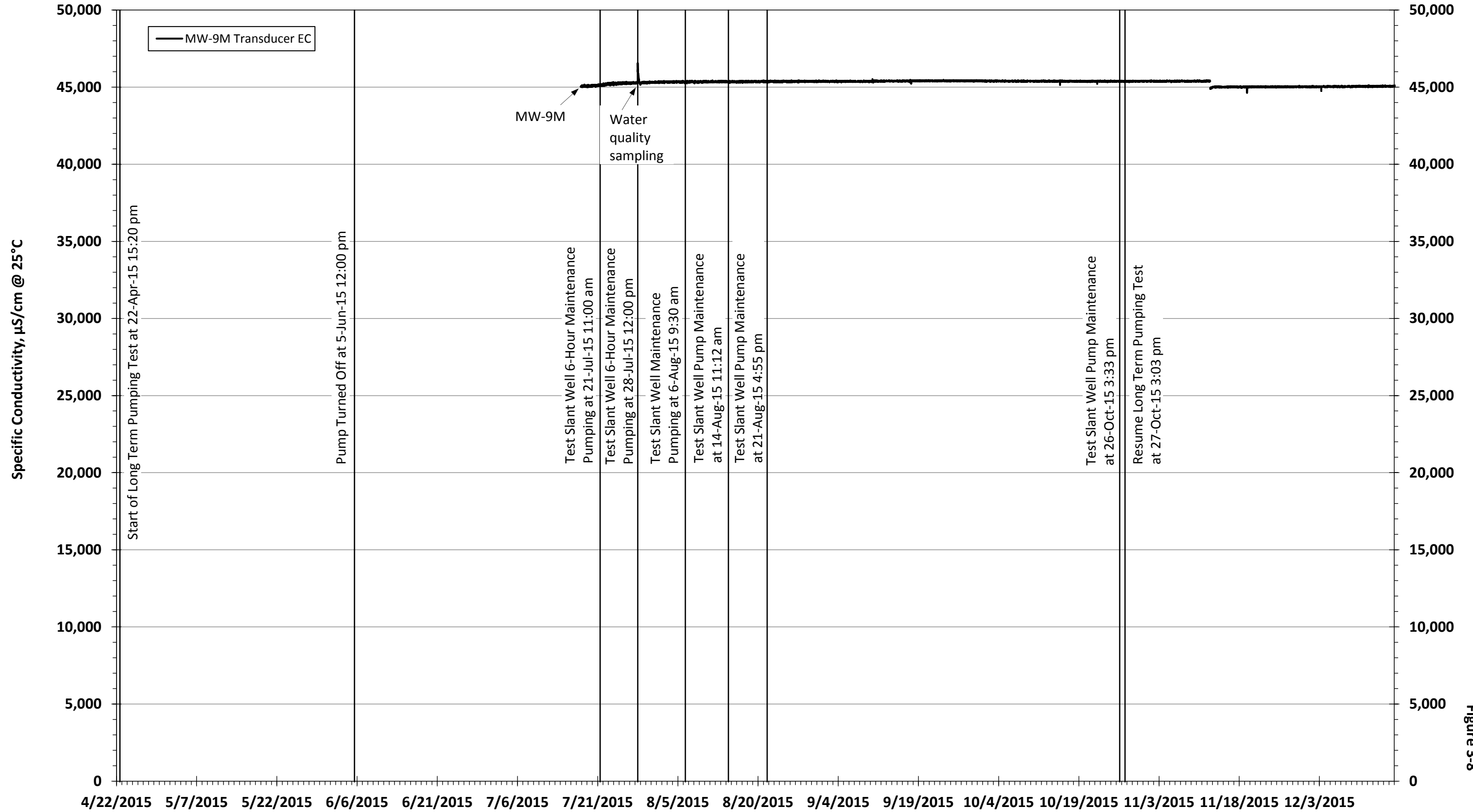


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

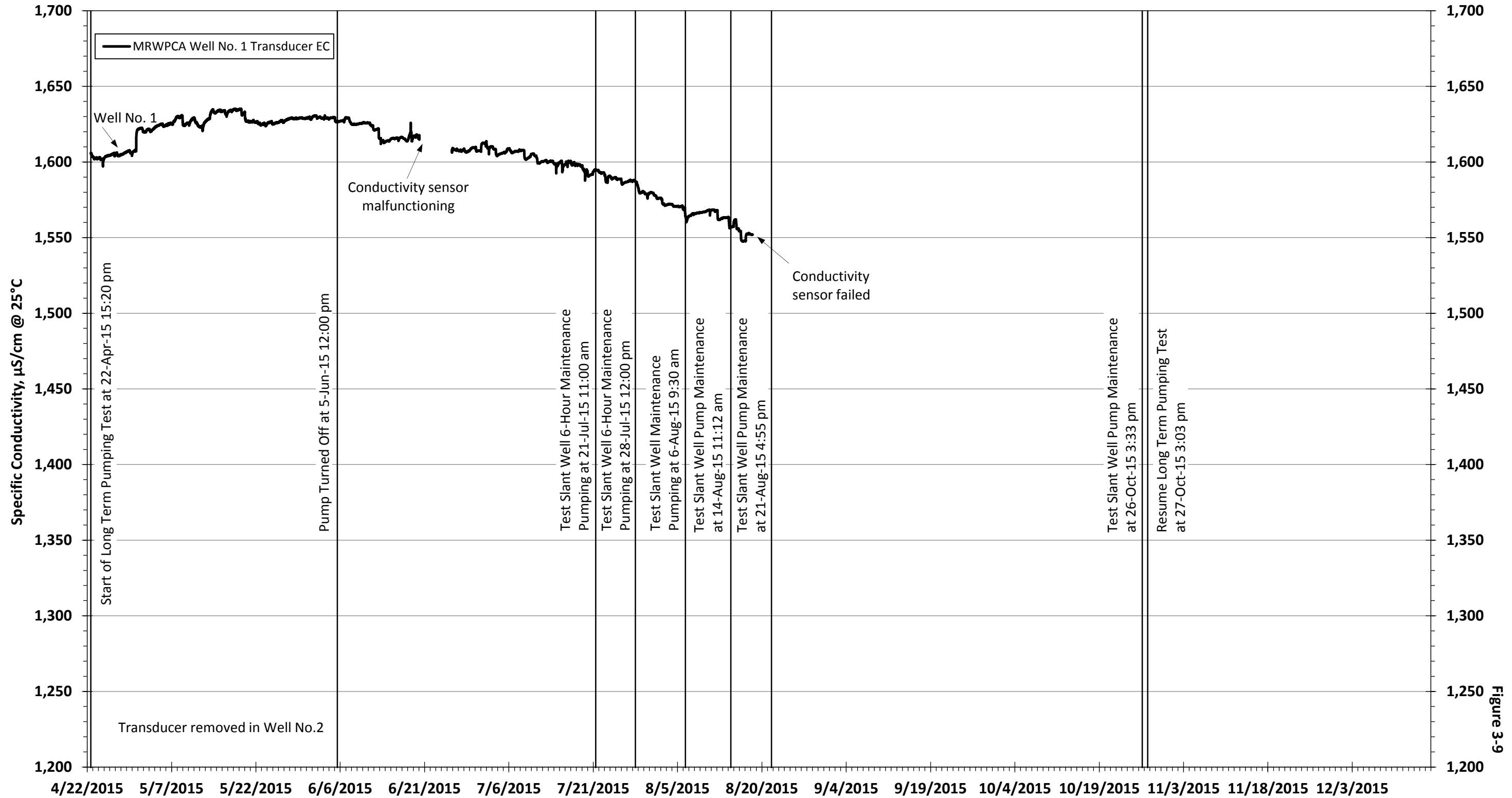


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

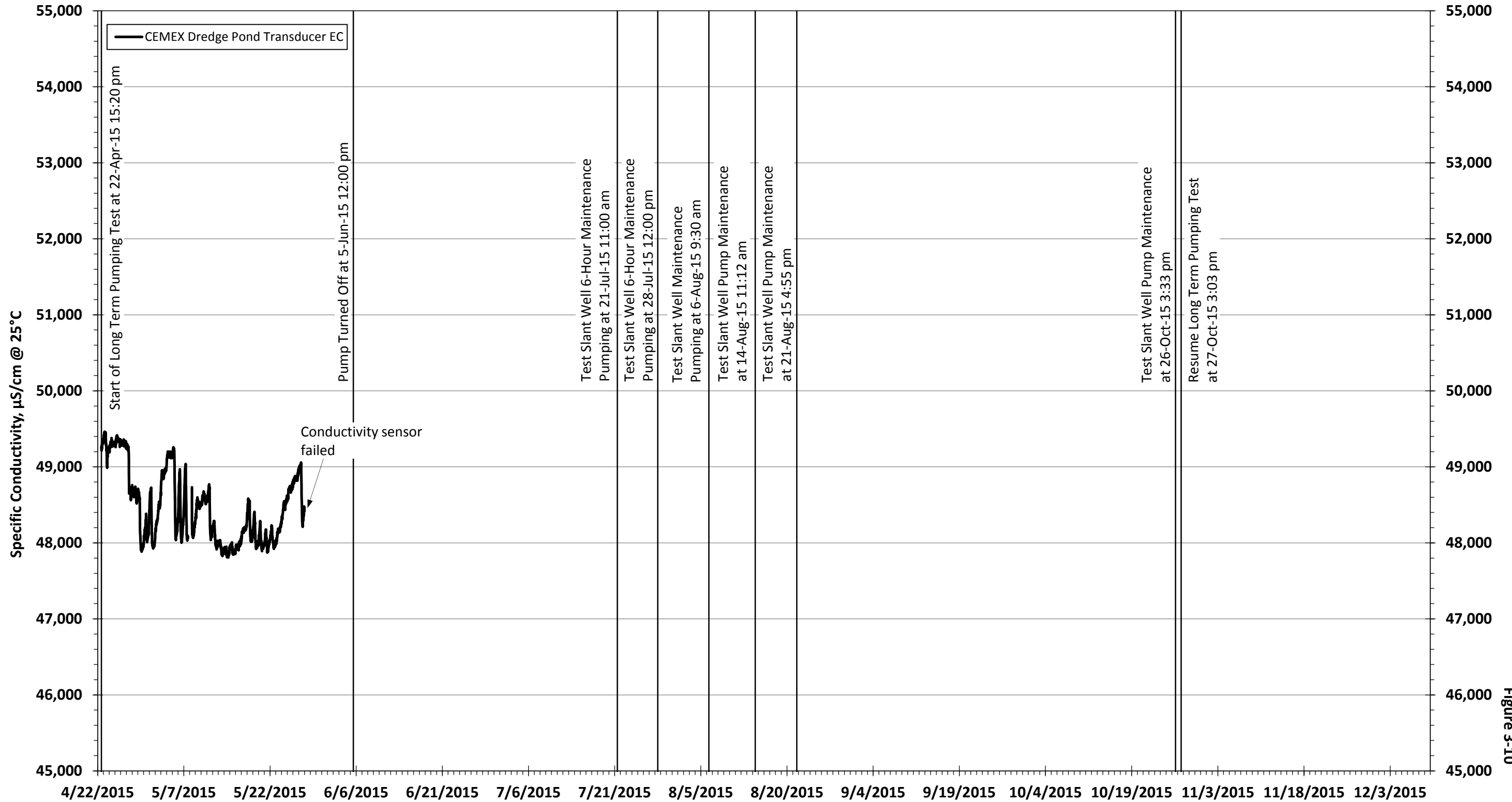


Figure 3-10

Specific Conductivity in CEMEX North Well

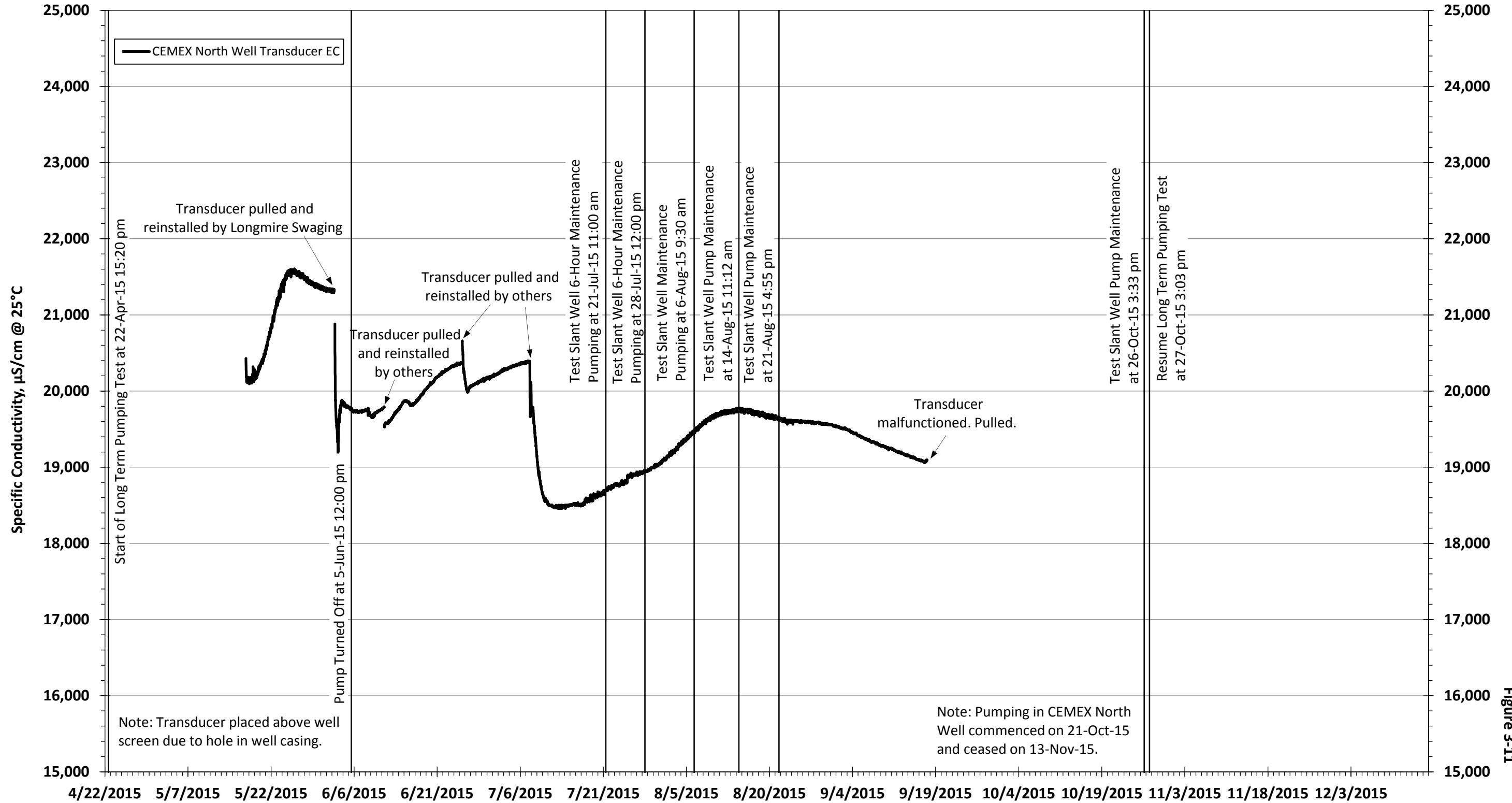


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

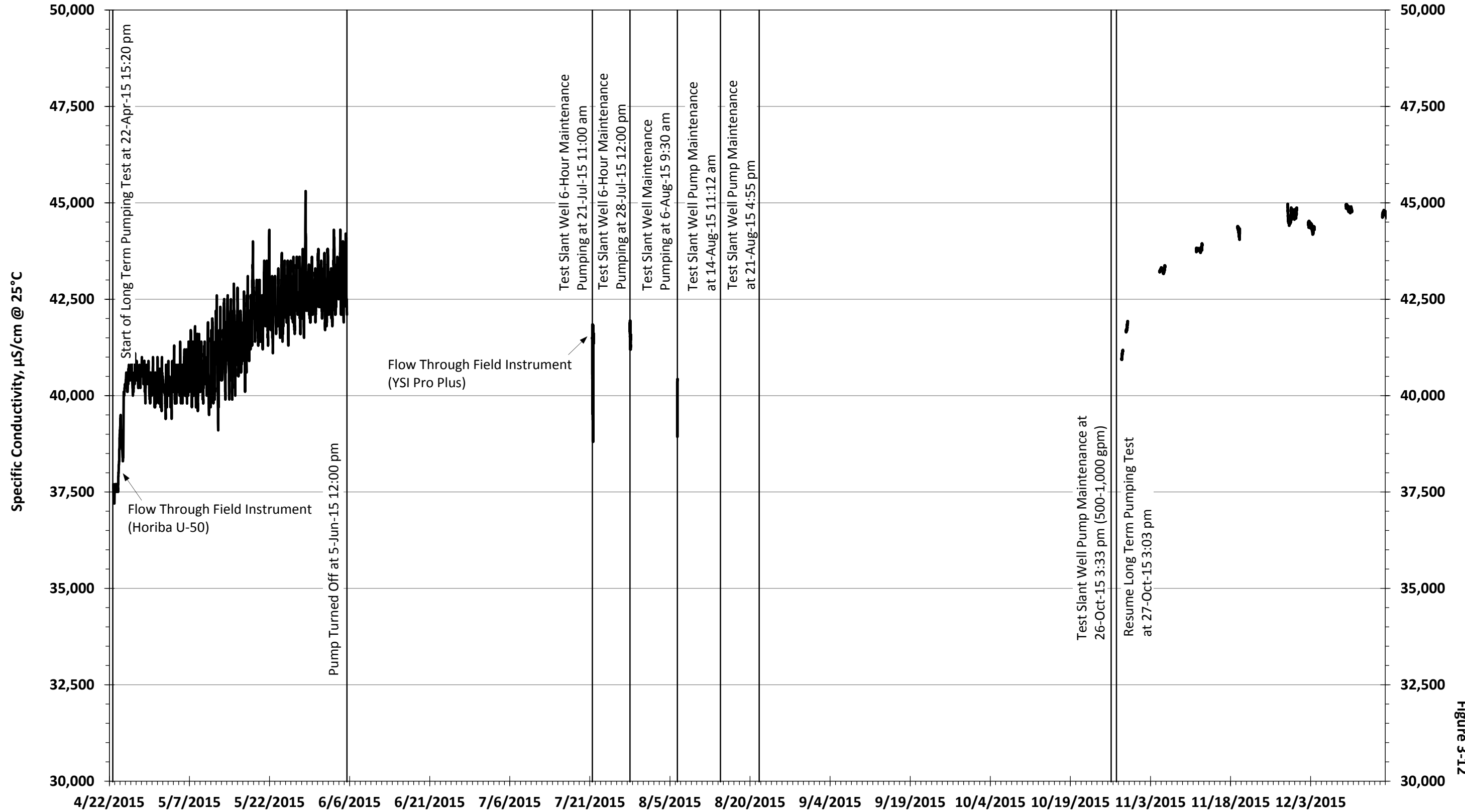


Figure 3-12

TABLES

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Table 1: Well Information Table

State Plane Coordinates													
Well Name	Cluster	Reference Point (RP)	Northing	Easting	RP Elevation ft NAVD88	RP Height (ft above GS)	Distance of RP from Slant Well Head (ft)	Top of Screen Interval (ft below GS)	Bottom of Screen Interval (ft below GS)	Transducer Installed Depth (ft below RP)	Survey Date	Data Logging Start Date	Data Collected
MW-1S	MW-1	Top of ABS Transducer Mount	2,154,745.35	5,739,355.82	30.51 ¹	2.65 ¹	211	55	95	76	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1M	MW-1	Top of ABS Transducer Mount	2,154,751.93	5,739,347.94	29.86	2.48	220	115	225	182	26-Mar-15	19-Feb-15	Level, Conductivity
MW-1D	MW-1	Top of ABS Transducer Mount	2,154,753.60	5,739,337.98	29.68 ¹	2.65 ¹	230	277	327	309	26-Mar-15	19-Feb-15	Level, Conductivity
MW-3S	MW-3	Top of ABS Transducer Mount	2,154,599.85	5,739,977.02	37.16	2.66	428	50	90	76	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3M	MW-3	Top of ABS Transducer Mount	2,154,592.96	5,739,988.54	37.35	2.73	441	105	215	182	26-Mar-15	4-Mar-15	Level, Conductivity
MW-3D	MW-3	Top of ABS Transducer Mount	2,154,589.81	5,739,998.68	36.93	2.74	451	285	330	321	26-Mar-15	4-Mar-15	Level, Conductivity
MW-4S	MW-4	Top of ABS Transducer Mount	2,154,170.90	5,741,427.62	41.96	2.26	1,940	60	100	66	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4M	MW-4	Top of ABS Transducer Mount	2,154,172.79	5,741,416.78	41.99	2.15	1,929	130	260	208	26-Mar-15	9-Mar-15	Level, Conductivity
MW-4D	MW-4	Top of ABS Transducer Mount	2,154,174.30	5,741,406.08	41.95	2.15	1,918	290	330	317	26-Mar-15	20-Feb-15	Level, Conductivity
MW-5S	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 ¹	2.20 ¹	9,135	43	83	71	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5M	MW-5	Top of ABS Transducer Mount	2,156,230.38	5,748,564.26	80.48 ¹	2.31 ¹	9,131	100	310	171	26-Mar-15	10-Mar-15	Level, Conductivity
MW-5D	MW-5	Top of ABS Transducer Mount	2,156,220.77	5,748,560.95	80.06	1.97	9,126	395	435	417	26-Mar-15	19-Feb-15	Level, Conductivity
MW-6S	MW-6	Top of ABS Transducer Mount	2,141,142.87	5,756,164.01	35.89	2.45 ¹	21,436	30	60	61	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6M	MW-6	Top of ABS Transducer Mount	2,141,138.40	5,756,154.35	35.68	2.44 ¹	21,431	150	210	103	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	-	1-Oct-15	30-May-15	Hand Level
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	-	1-Oct-15	30-May-15	Hand Level
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	-	1-Oct-15	1-Jul-15	Hand Level
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	-	1-Oct-15	26-Jun-15	Hand Level
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
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
^{*} 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

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

Constituent	Method	Units	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
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	EPA 200.8	µg/L	33	-	31	31	38	38	37	-	-	38
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	-	-	14186
Chlorinated Pesticides and PCB (EPA 508)	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
Kjeldahl 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	-	-	-	-	-	-	-	-	-
Silica as SiO2, Dissolved	EPA 200.7	mg/L	20	-	16	22	19	17	20	-	-	19
Sodium	EPA 200.7	mg/L	7,606	-	8,163	7,448	9,148	7,774	7,835	-	-	8,309
Sodium, Dissolved	EPA 200.7	mg/L	8,040	-	7,400	8,020	8,840	7,770	7,780	-	-	8,490
Specific Conductance (E.C)	SM2510B	µmhos/cm	37,860	39,500	41,110	41,800	42,100	42,410	42,950	41,400	43,940	43,730
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	38,097	40,100	40,600	42,400	41,900	42,400	43,300	40,915	43,940	44,222
Strontium, Dissolved	EPA 200.8	µg/L	7,440	-	7,820	8,008	8,349	7,734	7,900	-	-	7,670
Sulfate, Dissolved	EPA 300.0	mg/L	1,840	-	2,018	2,096	2,160	2,181	2,188	-	-	1,973
Temperature (Field)	SM2550	° C	17.20	16.79	16.71	16.86	16.63	16.35	16.68	18.4	17.1	17.1
Total Diss. Solids	SM2540C	mg/L	25,400	26,000	26,300	27,600	28,400	28,500	29,100	27,700	29,400	29,800
Turbidity	EPA 180.1	NTU	0.40	-	0.30	0.30	0.25	0.25	0.15	0.5	-	0.30
Turbidity (Field)	EPA 180.1	NTU	0.74	0.84	0.69	0.76	0.30	0.29	0.353	0.59	0.98	0.61
Volatile Org. Compounds (524)	EPA 524	µg/L	ND	-	-	-	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	-	-	-	-	-	142	ND	-	-	ND
Zinc, Total	EPA 200.8	µg/L	ND	-	158	ND	209	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	7.68	-	ND	12.2	0.766	-	-	-

Notes:

°C = Degrees Celsius

CU = Color Units

Meq/L = Milliequivalents per Liter

mg/L = Milligrams per Liter

NTU = Nephelometric Turbidity Units

pg/L = Picograms per Liter

TON = Threshold Odor Number

µg/L = Micograms per Liter

µmhos/cm = Micromhos per Centimeter

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

APPENDICES

APPENDIX A-1

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

8-Dec-14



CALIFORNIA COASTAL COMMISSION

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14
Date


Signature of Permittee or Representative

STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

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

5. Hazardous Material Spill Prevention and Response.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



CALIFORNIA COASTAL COMMISSION

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



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

COASTAL DEVELOPMENT PERMIT AMENDMENT

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

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

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

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

CHARLES LESTER
Executive Director

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

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

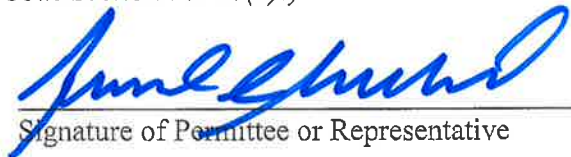
Acknowledgment:

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

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

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

10/13/15
Date


Signature of Permittee or Representative

SPECIAL CONDITIONS

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

“Protection of Nearby Wells. PRIOR TO STARTING PROJECT-RELATED PUMPING TESTS, the Permittee shall install monitoring devices at a minimum of four wells on the CEMEX site, within 2000 feet of the test well, and one or more offsite wells to record groundwater and salinity levels within the wells and shall provide to the Executive Director the baseline groundwater and Total Dissolved Solids (“TDS”) levels in those wells prior to commencement of pumping from the test well.

The Permittee, in coordination with the Hydrogeology Working Group, shall identify groundwater elevation trends and TDS level trends in the groundwater basin resulting from regional influences such as groundwater withdrawals, rainfall events, increases or decreases in streamflow contributions, and other influences. During the project pumping tests, the Permittee shall, at least once per day, monitor groundwater and TDS levels within the monitoring wells in person and/or with electronic logging devices. The Permittee shall post data collected from all monitoring wells on a publicly-available internet site at least once per week and shall provide all monitoring data to the Executive Director upon request.

The Hydrogeology Working Group shall review data from the monitoring wells and prepare a monthly report that shall be submitted to the Executive Director that documents the groundwater elevation trends and TDS level trends resulting from regional influences. If during the pumping tests, data collected from Monitoring Well-4S (“MW4-S”) or Monitoring Well-4M (“MW-4M”) during any weekly monitoring period show either a decrease in groundwater levels that exceeds an identified decrease in regional groundwater level trends by 1.5 feet or more or show an increase in TDS levels that exceeds an identified increase in regional TDS level trends by two thousand parts per million or more, the Permittee shall immediately stop the pumping test and inform the Executive Director. The Hydrogeology Working Group shall examine the data from Monitoring Well 4 if the pumping test is stopped due to either of these causes.

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

APPENDIX B

Groundwater Level and Salinity Instrument Data

9-December-15 - 16-December-15



Report Date: 12/18/2015 1:48:36 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1D LT Test_2015-12-17_11-03-31-526.wsl
Create Date: 12/17/2015 11:03:25 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-1D
Device Name:
Serial Number: 398881
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 6

Log Configuration

Log Name: MPWSP MW-1D LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/5/2015 11:47:18 AM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 11/5/2015 1:00:00 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: 1.024

Other Log Settings

Depth of Probe: 0.245192 (ft)
Head Pressure: 0.108849 (PSI)
Temperature: 19.4072 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/5/2015 11:47:27 AM	Used Battery: 6% Used Memory: 3% User Name: KMakar
11/12/2015 9:34:00 AM	Log Download - Used Battery: 7% Used Memory: 3% User Name: CShaw
11/19/2015 2:45:06 PM	Log Download - Used Battery: 7% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/5/2015 1:00:00 PM Stop Time: 11/19/2015 2:45:00 PM
11/29/2015 9:01:14 AM	Log Download - Used Battery: 8% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 5:30:00 PM
12/3/2015 10:35:30 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:35:00 AM
12/10/2015 8:33:47 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 2:30:00 PM
12/17/2015 11:02:21 AM	Log Download - Used Battery: 9% 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

Log Data:

Record Count: 1532

Sensors: 1

1 - 398881: 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	
Elapsed Time	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)		Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)		Water Density (g/cm3)			
12/10/2015 12:00:00 AM	734400.000	121.376	19.181	273.412	
40935.395	46053.906	30.142	31316.658	24.429	
1.021					
12/10/2015 12:15:00 AM	735300.000	121.356	19.186	273.366	
40951.176	46067.258	30.152	31325.736	24.419	
1.021					
12/10/2015 12:30:00 AM	736200.000	121.344	19.180	273.340	
40937.820	46057.320	30.145	31318.979	24.427	
1.021					
12/10/2015 12:45:00 AM	737100.000	121.349	19.179	273.351	
40929.016	46048.359	30.138	31312.887	24.433	
1.021					
12/10/2015 1:00:00 AM	738000.000	121.319	19.186	273.282	
40917.582	46029.129	30.124	31299.811	24.439	

1.021				
12/10/2015 1:15:00 AM	738900.000	121.300	19.176	273.240
40912.613	46033.527	30.127	31302.801	24.442
1.021				
12/10/2015 1:30:00 AM	739800.000	121.292	19.178	273.222
40924.543	46044.543	30.135	31310.291	24.435
1.021				
12/10/2015 1:45:00 AM	740700.000	121.285	19.192	273.206
40923.805	46030.008	30.125	31300.408	24.436
1.021				
12/10/2015 2:00:00 AM	741600.000	121.263	19.181	273.157
40934.969	46053.344	30.142	31316.275	24.429
1.021				
12/10/2015 2:15:00 AM	742500.000	121.290	19.184	273.217
40942.996	46059.266	30.146	31320.303	24.424
1.021				
12/10/2015 2:30:00 AM	743400.000	121.270	19.187	273.172
40942.258	46056.031	30.144	31318.104	24.425
1.021				
12/10/2015 2:45:00 AM	744300.000	121.245	19.183	273.116
40885.352	45995.969	30.100	31277.262	24.459
1.021				
12/10/2015 3:00:00 AM	745200.000	121.263	19.181	273.157
40927.152	46044.723	30.135	31310.414	24.434
1.021				
12/10/2015 3:15:00 AM	746100.000	121.256	19.176	273.142
40970.156	46097.578	30.174	31346.355	24.408
1.021				
12/10/2015 3:30:00 AM	747000.000	121.297	19.177	273.234
40941.949	46065.598	30.150	31324.609	24.425
1.021				
12/10/2015 3:45:00 AM	747900.000	121.286	19.181	273.209
40919.027	46035.320	30.129	31304.020	24.439
1.021				
12/10/2015 4:00:00 AM	748800.000	121.314	19.179	273.272
40894.074	46008.965	30.109	31286.096	24.453
1.021				
12/10/2015 4:15:00 AM	749700.000	121.316	19.181	273.276
40903.508	46018.203	30.116	31292.381	24.448
1.021				
12/10/2015 4:30:00 AM	750600.000	121.350	19.179	273.352
40921.160	46040.305	30.132	31307.410	24.437
1.021				
12/10/2015 4:45:00 AM	751500.000	121.398	19.180	273.462
40931.000	46049.902	30.139	31313.934	24.431
1.021				
12/10/2015 5:00:00 AM	752400.000	121.411	19.184	273.490
40934.762	46049.918	30.139	31313.947	24.429
1.021				
12/10/2015 5:15:00 AM	753300.000	121.431	19.178	273.534
40956.086	46079.949	30.161	31334.365	24.416
1.021				
12/10/2015 5:30:00 AM	754200.000	121.477	19.179	273.639
40946.563	46068.797	30.153	31326.781	24.422
1.021				

12/10/2015 5:45:00 AM	755100.000	121.515	19.180	273.724
40937.148	46056.648	30.144	31318.523	24.428
1.021				
12/10/2015 6:00:00 AM	756000.000	121.567	19.185	273.841
40925.297	46038.836	30.131	31306.410	24.435
1.021				
12/10/2015 6:15:00 AM	756900.000	121.626	19.185	273.975
40929.543	46043.613	30.135	31309.660	24.432
1.021				
12/10/2015 6:30:00 AM	757800.000	121.638	19.185	274.002
40944.238	46060.320	30.147	31321.018	24.423
1.021				
12/10/2015 6:45:00 AM	758700.000	121.673	19.186	274.079
40944.504	46059.414	30.146	31320.404	24.423
1.021				
12/10/2015 7:00:00 AM	759600.000	121.706	19.190	274.155
40928.754	46037.648	30.131	31305.604	24.433
1.021				
12/10/2015 7:15:00 AM	760500.000	121.772	19.194	274.303
40957.910	46066.480	30.152	31325.209	24.415
1.021				
12/10/2015 7:30:00 AM	761400.000	121.830	19.187	274.435
40897.820	46006.203	30.108	31284.221	24.451
1.021				
12/10/2015 7:45:00 AM	762300.000	121.837	19.180	274.449
40949.023	46070.445	30.154	31327.904	24.421
1.021				
12/10/2015 8:00:00 AM	763200.000	121.847	19.190	274.472
40938.496	46048.605	30.139	31313.055	24.427
1.021				
12/10/2015 8:15:00 AM	764100.000	121.853	19.180	274.485
40942.746	46062.777	30.149	31322.691	24.424
1.021				
12/10/2015 8:30:00 AM	765000.000	121.882	19.187	274.551
40939.801	46052.738	30.142	31315.865	24.426
1.021				
12/10/2015 8:45:00 AM	765900.000	121.872	19.191	274.530
40951.254	46062.090	30.148	31322.223	24.419
1.021				
12/10/2015 9:00:00 AM	766800.000	121.868	19.183	274.519
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1.021				
12/10/2015 9:15:00 AM	767700.000	121.878	19.185	274.543
40932.055	46046.266	30.137	31311.463	24.431
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12/10/2015 9:30:00 AM	768600.000	121.860	19.190	274.501
40941.672	46051.656	30.141	31315.129	24.425
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12/10/2015 9:45:00 AM	769500.000	121.867	19.186	274.517
40940.754	46054.762	30.143	31317.240	24.426
1.021				
12/10/2015 10:00:00 AM	770400.000	121.862	19.189	274.506
40981.035	46097.051	30.174	31345.994	24.402
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12/10/2015 10:15:00 AM	771300.000	121.866	19.192	274.515

40879.570	45980.254	30.089	31266.572	24.462
1.021				
12/10/2015 10:30:00 AM	772200.000	121.781	19.185	274.324
40901.531	46012.102	30.112	31288.230	24.449
1.021				
12/10/2015 10:45:00 AM	773100.000	121.748	19.189	274.249
40933.566	46043.922	30.135	31309.867	24.430
1.021				
12/10/2015 11:00:00 AM	774000.000	121.755	19.184	274.265
40949.121	46066.930	30.152	31325.514	24.421
1.021				
12/10/2015 11:15:00 AM	774900.000	121.739	19.187	274.229
40918.633	46029.617	30.125	31300.143	24.439
1.021				
12/10/2015 11:30:00 AM	775800.000	121.636	19.182	273.996
40936.941	46054.273	30.142	31316.908	24.428
1.021				
12/10/2015 11:45:00 AM	776700.000	121.585	19.188	273.882
40922.566	46032.484	30.127	31302.092	24.436
1.021				
12/10/2015 12:00:00 PM	777600.000	121.539	19.189	273.778
40977.441	46093.699	30.171	31343.715	24.404
1.021				
12/10/2015 12:15:00 PM	778500.000	121.514	19.184	273.723
40922.711	46036.445	30.129	31304.785	24.436
1.021				
12/10/2015 12:30:00 PM	779400.000	121.424	19.182	273.519
40924.172	46040.758	30.133	31307.717	24.435
1.021				
12/10/2015 12:45:00 PM	780300.000	121.342	19.182	273.334
40907.691	46022.219	30.119	31295.111	24.445
1.021				
12/10/2015 1:00:00 PM	781200.000	121.307	19.181	273.256
40920.039	46037.145	30.130	31305.260	24.438
1.021				
12/10/2015 1:15:00 PM	782100.000	121.260	19.178	273.150
40931.113	46051.852	30.140	31315.262	24.431
1.021				
12/10/2015 1:30:00 PM	783000.000	121.195	19.186	273.004
40955.422	46071.180	30.155	31328.404	24.417
1.021				
12/10/2015 1:45:00 PM	783900.000	121.125	19.177	272.846
40947.543	46071.805	30.155	31328.828	24.421
1.021				
12/10/2015 2:00:00 PM	784800.000	121.105	19.186	272.801
40940.281	46054.918	30.143	31317.344	24.426
1.021				
12/10/2015 2:15:00 PM	785700.000	121.027	19.182	272.624
40948.789	46067.941	30.152	31326.203	24.421
1.021				
12/10/2015 2:30:00 PM	786600.000	121.004	19.177	272.573
40913.449	46032.742	30.126	31302.268	24.442
1.021				
12/10/2015 2:45:00 PM	787500.000	120.952	19.173	272.455
40904.805	46027.074	30.122	31298.412	24.447

1.021				
12/10/2015 3:00:00 PM	788400.000	120.950	19.173	272.451
40912.656	46036.422	30.129	31304.770	24.442
1.021				
12/10/2015 3:15:00 PM	789300.000	120.925	19.174	272.395
40906.750	46028.230	30.123	31299.197	24.446
1.021				
12/10/2015 3:30:00 PM	790200.000	120.868	19.175	272.266
40925.484	46049.219	30.138	31313.471	24.435
1.021				
12/10/2015 3:45:00 PM	791100.000	120.849	19.176	272.225
40936.145	46059.914	30.146	31320.744	24.428
1.021				
12/10/2015 4:00:00 PM	792000.000	120.884	19.176	272.303
40940.098	46064.363	30.149	31323.770	24.426
1.021				
12/10/2015 4:15:00 PM	792900.000	120.834	19.180	272.191
40905.145	46020.816	30.118	31294.156	24.447
1.021				
12/10/2015 4:30:00 PM	793800.000	120.824	19.177	272.168
40918.242	46038.223	30.130	31305.994	24.439
1.021				
12/10/2015 4:45:00 PM	794700.000	120.818	19.177	272.155
40927.992	46049.895	30.139	31313.928	24.433
1.021				
12/10/2015 5:00:00 PM	795600.000	120.820	19.176	272.160
40914.551	46035.883	30.129	31304.402	24.441
1.021				
12/10/2015 5:15:00 PM	796500.000	120.849	19.174	272.225
40898.297	46019.148	30.116	31293.021	24.451
1.021				
12/10/2015 5:30:00 PM	797400.000	120.876	19.180	272.284
40950.461	46072.230	30.155	31329.119	24.420
1.021				
12/10/2015 5:45:00 PM	798300.000	120.919	19.177	272.382
40924.035	46045.441	30.136	31310.902	24.436
1.021				
12/10/2015 6:00:00 PM	799200.000	120.900	19.177	272.340
40910.957	46030.285	30.125	31300.594	24.443
1.021				
12/10/2015 6:15:00 PM	800100.000	120.979	19.176	272.516
40904.410	46024.297	30.120	31296.521	24.447
1.021				
12/10/2015 6:30:00 PM	801000.000	120.979	19.176	272.516
40931.250	46054.066	30.142	31316.768	24.431
1.021				
12/10/2015 6:45:00 PM	801900.000	121.029	19.178	272.630
40909.840	46028.340	30.123	31299.273	24.444
1.021				
12/10/2015 7:00:00 PM	802800.000	121.063	19.176	272.706
40905.570	46025.000	30.121	31297.000	24.447
1.021				
12/10/2015 7:15:00 PM	803700.000	121.166	19.182	272.937
40914.012	46028.816	30.124	31299.598	24.442
1.021				

12/10/2015 7:30:00 PM	804600.000	121.159	19.185	272.921
40949.617	46066.195	30.151	31325.016	24.420
1.021				
12/10/2015 7:45:00 PM	805500.000	121.246	19.181	273.118
40929.000	46046.969	30.137	31311.941	24.433
1.021				
12/10/2015 8:00:00 PM	806400.000	121.312	19.182	273.266
40924.324	46040.152	30.132	31307.307	24.435
1.021				
12/10/2015 8:15:00 PM	807300.000	121.332	19.184	273.312
40928.141	46043.238	30.134	31309.404	24.433
1.021				
12/10/2015 8:30:00 PM	808200.000	121.345	19.175	273.342
40954.156	46081.047	30.162	31335.113	24.418
1.021				
12/10/2015 8:45:00 PM	809100.000	121.382	19.182	273.425
40932.727	46049.695	30.139	31313.795	24.430
1.021				
12/10/2015 9:00:00 PM	810000.000	121.521	19.182	273.738
40919.273	46034.734	30.128	31303.621	24.438
1.021				
12/10/2015 9:15:00 PM	810900.000	121.446	19.189	273.568
40956.316	46069.852	30.154	31327.502	24.416
1.021				
12/10/2015 9:30:00 PM	811800.000	121.526	19.182	273.750
40939.844	46057.703	30.145	31319.240	24.426
1.021				
12/10/2015 9:45:00 PM	812700.000	121.537	19.187	273.774
40970.199	46087.199	30.167	31339.297	24.408
1.021				
12/10/2015 10:00:00 PM	813600.000	121.569	19.186	273.846
40918.617	46030.547	30.125	31300.773	24.439
1.021				
12/10/2015 10:15:00 PM	814500.000	121.597	19.188	273.910
40917.004	46026.227	30.122	31297.836	24.440
1.021				
12/10/2015 10:30:00 PM	815400.000	121.551	19.189	273.805
40961.141	46075.188	30.158	31331.129	24.413
1.021				
12/10/2015 10:45:00 PM	816300.000	121.690	19.178	274.119
40923.723	46043.621	30.134	31309.664	24.436
1.021				
12/10/2015 11:00:00 PM	817200.000	121.631	19.187	273.985
40960.258	46075.586	30.158	31331.400	24.414
1.021				
12/10/2015 11:15:00 PM	818100.000	121.594	19.188	273.903
40947.520	46060.992	30.148	31321.477	24.422
1.021				
12/10/2015 11:30:00 PM	819000.000	121.683	19.181	274.104
40929.172	46046.555	30.137	31311.658	24.432
1.021				
12/10/2015 11:45:00 PM	819900.000	121.625	19.182	273.972
40917.484	46033.234	30.127	31302.602	24.439
1.021				
12/11/2015 12:00:00 AM	820800.000	121.566	19.185	273.840

40940.844	46055.816	30.144	31317.957	24.425
1.021				
12/11/2015 12:15:00 AM	821700.000	121.534	19.192	273.768
40931.520	46038.336	30.131	31306.070	24.431
1.021				
12/11/2015 12:30:00 AM	822600.000	121.554	19.187	273.812
40928.879	46040.453	30.133	31307.508	24.433
1.021				
12/11/2015 12:45:00 AM	823500.000	121.517	19.186	273.729
40903.180	46013.266	30.113	31289.021	24.448
1.021				
12/11/2015 1:00:00 AM	824400.000	121.483	19.190	273.653
40931.297	46039.988	30.132	31307.193	24.431
1.021				
12/11/2015 1:15:00 AM	825300.000	121.463	19.189	273.607
40933.109	46043.145	30.135	31309.340	24.430
1.021				
12/11/2015 1:30:00 AM	826200.000	121.447	19.185	273.571
40900.133	46010.016	30.110	31286.813	24.450
1.021				
12/11/2015 1:45:00 AM	827100.000	121.469	19.188	273.620
40964.355	46079.930	30.161	31334.352	24.411
1.021				
12/11/2015 2:00:00 AM	828000.000	121.460	19.190	273.600
40914.012	46020.547	30.118	31293.975	24.442
1.021				
12/11/2015 2:15:00 AM	828900.000	121.411	19.186	273.491
40906.297	46016.340	30.115	31291.113	24.446
1.021				
12/11/2015 2:30:00 AM	829800.000	121.423	19.187	273.517
40939.820	46052.844	30.142	31315.936	24.426
1.021				
12/11/2015 2:45:00 AM	830700.000	121.422	19.185	273.515
40946.629	46062.488	30.149	31322.494	24.422
1.021				
12/11/2015 3:00:00 AM	831600.000	121.340	19.184	273.330
40947.813	46064.766	30.150	31324.043	24.421
1.021				
12/11/2015 3:15:00 AM	832500.000	121.388	19.185	273.437
40938.848	46053.824	30.142	31316.604	24.427
1.021				
12/11/2015 3:30:00 AM	833400.000	121.492	19.185	273.673
40932.852	46047.586	30.138	31312.361	24.430
1.021				
12/11/2015 3:45:00 AM	834300.000	121.418	19.181	273.506
40922.586	46039.066	30.131	31306.568	24.436
1.021				
12/11/2015 4:00:00 AM	835200.000	121.424	19.187	273.519
40895.016	46002.285	30.105	31281.557	24.453
1.021				
12/11/2015 4:15:00 AM	836100.000	121.451	19.182	273.581
40919.992	46035.277	30.129	31303.990	24.438
1.021				
12/11/2015 4:30:00 AM	837000.000	121.402	19.177	273.469
40898.582	46016.359	30.115	31291.127	24.451

1.021				
12/11/2015 4:45:00 AM	837900.000	121.397	19.186	273.459
40926.441	46038.578	30.131	31306.236	24.434
1.021				
12/11/2015 5:00:00 AM	838800.000	121.418	19.183	273.506
40914.203	46028.344	30.124	31299.275	24.441
1.021				
12/11/2015 5:15:00 AM	839700.000	121.516	19.181	273.727
40885.656	45997.777	30.101	31278.490	24.458
1.021				
12/11/2015 5:30:00 AM	840600.000	121.475	19.180	273.635
40898.945	46013.586	30.113	31289.240	24.451
1.021				
12/11/2015 5:45:00 AM	841500.000	121.559	19.181	273.823
40920.613	46037.617	30.130	31305.582	24.438
1.021				
12/11/2015 6:00:00 AM	842400.000	121.518	19.184	273.732
40945.715	46062.148	30.148	31322.264	24.423
1.021				
12/11/2015 6:15:00 AM	843300.000	121.662	19.183	274.057
40924.051	46038.902	30.131	31306.453	24.436
1.021				
12/11/2015 6:30:00 AM	844200.000	121.720	19.183	274.187
40923.156	46037.895	30.131	31305.771	24.436
1.021				
12/11/2015 6:45:00 AM	845100.000	121.694	19.186	274.127
40946.262	46061.051	30.148	31321.518	24.422
1.021				
12/11/2015 7:00:00 AM	846000.000	121.798	19.184	274.362
40950.680	46068.344	30.153	31326.477	24.420
1.021				
12/11/2015 7:15:00 AM	846900.000	121.803	19.181	274.374
40924.660	46042.086	30.133	31308.621	24.435
1.021				
12/11/2015 7:30:00 AM	847800.000	121.814	19.183	274.397
40937.359	46054.055	30.142	31316.760	24.428
1.021				
12/11/2015 7:45:00 AM	848700.000	121.998	19.181	274.813
40914.508	46030.406	30.125	31300.676	24.441
1.021				
12/11/2015 8:00:00 AM	849600.000	121.932	19.185	274.664
40925.469	46039.281	30.132	31306.713	24.435
1.021				
12/11/2015 8:15:00 AM	850500.000	121.894	19.193	274.578
40924.133	46029.688	30.125	31300.188	24.435
1.021				
12/11/2015 8:30:00 AM	851400.000	122.060	19.187	274.952
40961.965	46078.359	30.160	31333.287	24.413
1.021				
12/11/2015 8:45:00 AM	852300.000	121.994	19.185	274.804
40959.051	46076.902	30.159	31332.295	24.415
1.021				
12/11/2015 9:00:00 AM	853200.000	122.050	19.180	274.930
40924.574	46042.676	30.134	31309.021	24.435
1.021				

12/11/2015 9:15:00 AM	854100.000	121.998	19.183	274.813
40911.449	46025.410	30.121	31297.281	24.443
1.021				
12/11/2015 9:30:00 AM	855000.000	122.033	19.184	274.891
40928.500	46043.039	30.134	31309.270	24.433
1.021				
12/11/2015 9:45:00 AM	855900.000	121.974	19.188	274.758
40931.809	46043.320	30.135	31309.459	24.431
1.021				
12/11/2015 10:00:00 AM	856800.000	122.021	19.185	274.863
40954.125	46070.672	30.155	31328.059	24.418
1.021				
12/11/2015 10:15:00 AM	857700.000	121.972	19.183	274.753
40944.289	46062.191	30.148	31322.293	24.423
1.021				
12/11/2015 10:30:00 AM	858600.000	121.986	19.180	274.785
40929.602	46048.508	30.138	31312.988	24.432
1.021				
12/11/2015 10:45:00 AM	859500.000	121.957	19.180	274.720
40938.668	46058.965	30.146	31320.098	24.427
1.021				
12/11/2015 11:00:00 AM	860400.000	121.996	19.183	274.807
40942.324	46059.891	30.147	31320.729	24.425
1.021				
12/11/2015 11:15:00 AM	861300.000	121.884	19.183	274.556
40938.316	46054.949	30.143	31317.367	24.427
1.021				
12/11/2015 11:30:00 AM	862200.000	121.830	19.177	274.434
40945.926	46069.461	30.153	31327.236	24.422
1.021				
12/11/2015 11:45:00 AM	863100.000	121.761	19.177	274.280
40880.395	45996.500	30.100	31277.623	24.462
1.021				
12/11/2015 12:00:00 PM	864000.000	121.742	19.174	274.235
40918.828	46041.820	30.133	31308.439	24.439
1.021				
12/11/2015 12:15:00 PM	864900.000	121.676	19.182	274.088
40917.926	46033.730	30.127	31302.938	24.439
1.021				
12/11/2015 12:30:00 PM	865800.000	121.605	19.175	273.927
40936.652	46061.270	30.147	31321.664	24.428
1.021				
12/11/2015 12:45:00 PM	866700.000	121.616	19.179	273.952
40924.375	46043.055	30.134	31309.279	24.435
1.021				
12/11/2015 1:00:00 PM	867600.000	121.530	19.169	273.758
40923.316	46052.555	30.141	31315.740	24.436
1.021				
12/11/2015 1:15:00 PM	868500.000	121.464	19.176	273.610
40912.066	46032.910	30.127	31302.379	24.443
1.021				
12/11/2015 1:30:00 PM	869400.000	121.403	19.173	273.472
40903.348	46025.602	30.121	31297.410	24.448
1.021				
12/11/2015 1:45:00 PM	870300.000	121.380	19.171	273.420

40922.984	46050.195	30.139	31314.135	24.436
1.021				
12/11/2015 2:00:00 PM	871200.000	121.261	19.172	273.152
40887.793	46008.957	30.109	31286.092	24.457
1.021				
12/11/2015 2:15:00 PM	872100.000	121.233	19.168	273.090
40878.645	46002.969	30.104	31282.021	24.463
1.021				
12/11/2015 2:30:00 PM	873000.000	121.257	19.167	273.143
40909.852	46038.949	30.131	31306.488	24.444
1.021				
12/11/2015 2:45:00 PM	873900.000	121.142	19.177	272.885
40893.215	46010.766	30.110	31287.320	24.454
1.021				
12/11/2015 3:00:00 PM	874800.000	121.147	19.168	272.896
40901.199	46028.602	30.123	31299.449	24.449
1.021				
12/11/2015 3:15:00 PM	875700.000	121.070	19.169	272.721
40933.148	46062.840	30.148	31322.730	24.430
1.021				
12/11/2015 3:30:00 PM	876600.000	121.007	19.174	272.580
40961.223	46090.125	30.168	31341.285	24.413
1.021				
12/11/2015 3:45:00 PM	877500.000	120.963	19.176	272.481
40952.660	46078.762	30.160	31333.561	24.418
1.021				
12/11/2015 4:00:00 PM	878400.000	120.942	19.172	272.435
40923.762	46049.855	30.139	31313.904	24.436
1.021				
12/11/2015 4:15:00 PM	879300.000	120.912	19.173	272.365
40907.527	46030.137	30.124	31300.496	24.445
1.021				
12/11/2015 4:30:00 PM	880200.000	120.885	19.163	272.304
40912.539	46045.855	30.135	31311.184	24.442
1.021				
12/11/2015 4:45:00 PM	881100.000	120.958	19.172	272.469
40906.793	46030.258	30.124	31300.578	24.446
1.021				
12/11/2015 5:00:00 PM	882000.000	120.943	19.179	272.436
40936.363	46057.230	30.144	31318.920	24.428
1.021				
12/11/2015 5:15:00 PM	882900.000	120.879	19.167	272.292
40912.008	46041.293	30.132	31308.080	24.443
1.021				
12/11/2015 5:30:00 PM	883800.000	120.921	19.172	272.386
40897.691	46020.094	30.117	31293.664	24.451
1.021				
12/11/2015 5:45:00 PM	884700.000	120.964	19.170	272.483
40903.648	46028.961	30.123	31299.693	24.448
1.021				
12/11/2015 6:00:00 PM	885600.000	120.963	19.177	272.481
40913.961	46034.270	30.128	31303.305	24.442
1.021				
12/11/2015 6:15:00 PM	886500.000	120.946	19.178	272.443
40945.344	46067.680	30.152	31326.025	24.423

1.021				
12/11/2015 6:30:00 PM	887400.000	120.979	19.182	272.516
40916.047	46031.023	30.125	31301.098	24.440
1.021				
12/11/2015 6:45:00 PM	888300.000	121.063	19.177	272.706
40917.906	46037.848	30.130	31305.738	24.439
1.021				
12/11/2015 7:00:00 PM	889200.000	121.056	19.172	272.690
40918.543	46043.734	30.134	31309.742	24.439
1.021				
12/11/2015 7:15:00 PM	890100.000	121.055	19.175	272.687
40922.148	46044.770	30.135	31310.445	24.437
1.021				
12/11/2015 7:30:00 PM	891000.000	121.100	19.175	272.791
40923.027	46045.504	30.136	31310.945	24.436
1.021				
12/11/2015 7:45:00 PM	891900.000	121.107	19.177	272.806
40916.977	46037.410	30.130	31305.441	24.440
1.021				
12/11/2015 8:00:00 PM	892800.000	121.222	19.182	273.064
40936.559	46053.914	30.142	31316.664	24.428
1.021				
12/11/2015 8:15:00 PM	893700.000	121.201	19.178	273.017
40940.984	46063.125	30.149	31322.928	24.425
1.021				
12/11/2015 8:30:00 PM	894600.000	121.377	19.178	273.413
40935.316	46056.582	30.144	31318.479	24.429
1.021				
12/11/2015 8:45:00 PM	895500.000	121.316	19.181	273.277
40945.453	46065.734	30.151	31324.701	24.423
1.021				
12/11/2015 9:00:00 PM	896400.000	121.394	19.187	273.451
40920.309	46030.645	30.125	31300.838	24.438
1.021				
12/11/2015 9:15:00 PM	897300.000	121.394	19.184	273.451
40936.543	46052.090	30.141	31315.424	24.428
1.021				
12/11/2015 9:30:00 PM	898200.000	121.552	19.189	273.807
40953.176	46066.070	30.151	31324.928	24.418
1.021				
12/11/2015 9:45:00 PM	899100.000	121.579	19.180	273.869
40956.535	46078.293	30.160	31333.242	24.416
1.021				
12/11/2015 10:00:00 PM	900000.000	121.452	19.181	273.584
40936.859	46055.203	30.143	31317.541	24.428
1.021				
12/11/2015 10:15:00 PM	900900.000	121.535	19.184	273.770
40935.648	46051.000	30.140	31314.682	24.429
1.021				
12/11/2015 10:30:00 PM	901800.000	121.601	19.178	273.919
40923.395	46043.855	30.135	31309.824	24.436
1.021				
12/11/2015 10:45:00 PM	902700.000	121.576	19.179	273.862
40923.250	46041.789	30.133	31308.418	24.436
1.021				

12/11/2015 11:00:00 PM	903600.000	121.674	19.191	274.083
40929.973	46038.336	30.131	31306.070	24.432
1.021				
12/11/2015 11:15:00 PM	904500.000	121.652	19.177	274.033
40917.938	46038.742	30.131	31306.348	24.439
1.021				
12/11/2015 11:30:00 PM	905400.000	121.597	19.182	273.908
40934.188	46051.953	30.141	31315.330	24.429
1.021				
12/11/2015 11:45:00 PM	906300.000	121.688	19.182	274.114
40933.691	46051.039	30.140	31314.709	24.430
1.021				
12/12/2015 12:00:00 AM	907200.000	121.651	19.185	274.030
40897.254	46007.035	30.108	31284.787	24.452
1.021				
12/12/2015 12:15:00 AM	908100.000	121.697	19.189	274.134
40932.000	46042.672	30.134	31309.020	24.431
1.021				
12/12/2015 12:30:00 AM	909000.000	121.650	19.185	274.028
40970.219	46089.281	30.168	31340.711	24.408
1.021				
12/12/2015 12:45:00 AM	909900.000	121.613	19.185	273.945
40955.316	46072.352	30.156	31329.201	24.417
1.021				
12/12/2015 1:00:00 AM	910800.000	121.623	19.188	273.968
40915.699	46025.371	30.122	31297.252	24.440
1.021				
12/12/2015 1:15:00 AM	911700.000	121.711	19.179	274.166
40931.523	46051.098	30.140	31314.746	24.431
1.021				
12/12/2015 1:30:00 AM	912600.000	121.574	19.186	273.858
40958.914	46075.109	30.158	31331.076	24.415
1.021				
12/12/2015 1:45:00 AM	913500.000	121.550	19.198	273.802
40988.730	46097.344	30.175	31346.195	24.397
1.021				
12/12/2015 2:00:00 AM	914400.000	121.543	19.187	273.789
40981.547	46099.699	30.176	31347.795	24.401
1.021				
12/12/2015 2:15:00 AM	915300.000	121.473	19.176	273.631
40935.465	46058.547	30.145	31319.814	24.429
1.021				
12/12/2015 2:30:00 AM	916200.000	121.556	19.181	273.816
40926.160	46044.031	30.135	31309.941	24.434
1.021				
12/12/2015 2:45:00 AM	917100.000	121.525	19.187	273.747
40981.012	46099.023	30.175	31347.338	24.402
1.021				
12/12/2015 3:00:00 AM	918000.000	121.540	19.184	273.781
40935.168	46050.543	30.140	31314.371	24.429
1.021				
12/12/2015 3:15:00 AM	918900.000	121.494	19.176	273.677
40934.719	46058.574	30.145	31319.832	24.429
1.021				
12/12/2015 3:30:00 AM	919800.000	121.479	19.175	273.644

40921.285	46043.715	30.134	31309.729	24.437
1.021				
12/12/2015 3:45:00 AM	920700.000	121.464	19.175	273.609
40914.121	46035.656	30.128	31304.246	24.441
1.021				
12/12/2015 4:00:00 AM	921600.000	121.472	19.182	273.626
40952.066	46071.629	30.155	31328.709	24.419
1.021				
12/12/2015 4:15:00 AM	922500.000	121.448	19.178	273.573
40938.695	46060.723	30.147	31321.293	24.427
1.021				
12/12/2015 4:30:00 AM	923400.000	121.420	19.181	273.509
40967.582	46089.688	30.168	31340.990	24.410
1.021				
12/12/2015 4:45:00 AM	924300.000	121.472	19.183	273.628
40971.742	46093.078	30.171	31343.295	24.407
1.021				
12/12/2015 5:00:00 AM	925200.000	121.478	19.177	273.640
40938.824	46062.160	30.148	31322.271	24.427
1.021				
12/12/2015 5:15:00 AM	926100.000	121.480	19.179	273.646
40939.953	46061.359	30.147	31321.727	24.426
1.021				
12/12/2015 5:30:00 AM	927000.000	121.607	19.177	273.931
40942.188	46065.164	30.150	31324.314	24.425
1.021				
12/12/2015 5:45:00 AM	927900.000	121.557	19.179	273.820
40938.621	46059.613	30.146	31320.539	24.427
1.021				
12/12/2015 6:00:00 AM	928800.000	121.555	19.184	273.815
40912.742	46025.492	30.121	31297.336	24.442
1.021				
12/12/2015 6:15:00 AM	929700.000	121.610	19.178	273.938
40961.008	46085.910	30.165	31338.420	24.413
1.021				
12/12/2015 6:30:00 AM	930600.000	121.572	19.178	273.854
40961.250	46086.102	30.165	31338.551	24.413
1.021				
12/12/2015 6:45:00 AM	931500.000	121.676	19.178	274.087
40938.359	46060.691	30.147	31321.271	24.427
1.021				
12/12/2015 7:00:00 AM	932400.000	121.723	19.179	274.192
40953.371	46075.945	30.158	31331.645	24.418
1.021				
12/12/2015 7:15:00 AM	933300.000	121.722	19.183	274.191
40903.035	46015.863	30.114	31290.789	24.448
1.021				
12/12/2015 7:30:00 AM	934200.000	121.773	19.184	274.306
40944.434	46060.797	30.147	31321.342	24.423
1.021				
12/12/2015 7:45:00 AM	935100.000	121.798	19.184	274.361
40948.406	46065.871	30.151	31324.795	24.421
1.021				
12/12/2015 8:00:00 AM	936000.000	121.824	19.179	274.420
40936.738	46057.578	30.145	31319.156	24.428

1.021				
12/12/2015 8:15:00 AM	936900.000	121.891	19.179	274.571
40957.070	46079.922	30.161	31334.350	24.416
1.021				
12/12/2015 8:30:00 AM	937800.000	121.948	19.182	274.700
40978.859	46101.852	30.177	31349.260	24.403
1.021				
12/12/2015 8:45:00 AM	938700.000	121.975	19.178	274.761
40928.098	46048.367	30.138	31312.893	24.433
1.021				
12/12/2015 9:00:00 AM	939600.000	121.990	19.184	274.795
40933.313	46048.633	30.138	31313.072	24.430
1.021				
12/12/2015 9:15:00 AM	940500.000	122.008	19.184	274.835
40945.496	46061.902	30.148	31322.096	24.423
1.021				
12/12/2015 9:30:00 AM	941400.000	121.993	19.189	274.802
40962.313	46076.430	30.159	31331.975	24.413
1.021				
12/12/2015 9:45:00 AM	942300.000	122.009	19.187	274.836
40930.840	46042.832	30.134	31309.127	24.431
1.021				
12/12/2015 10:00:00 AM	943200.000	122.039	19.188	274.905
40966.586	46082.352	30.163	31336.002	24.410
1.021				
12/12/2015 10:15:00 AM	944100.000	122.055	19.185	274.940
40966.930	46085.074	30.165	31337.852	24.410
1.021				
12/12/2015 10:30:00 AM	945000.000	122.023	19.181	274.869
40945.867	46065.516	30.151	31324.553	24.422
1.021				
12/12/2015 10:45:00 AM	945900.000	122.038	19.179	274.902
40939.336	46060.059	30.146	31320.842	24.426
1.021				
12/12/2015 11:00:00 AM	946800.000	121.963	19.176	274.734
40940.953	46064.813	30.150	31324.074	24.425
1.021				
12/12/2015 11:15:00 AM	947700.000	121.951	19.181	274.706
40923.973	46040.707	30.132	31307.684	24.436
1.021				
12/12/2015 11:30:00 AM	948600.000	121.962	19.185	274.732
40939.125	46054.488	30.143	31317.055	24.427
1.021				
12/12/2015 11:45:00 AM	949500.000	121.883	19.179	274.553
40979.965	46105.863	30.180	31351.990	24.402
1.021				
12/12/2015 12:00:00 PM	950400.000	121.839	19.174	274.454
40951.969	46079.539	30.160	31334.088	24.419
1.021				
12/12/2015 12:15:00 PM	951300.000	121.780	19.176	274.322
40968.141	46095.746	30.172	31345.107	24.409
1.021				
12/12/2015 12:30:00 PM	952200.000	121.717	19.179	274.179
40967.969	46092.629	30.170	31342.988	24.409
1.021				

12/12/2015 12:45:00 PM	953100.000	121.761	19.176	274.280
40963.324	46090.496	30.169	31341.539	24.412
1.021				
12/12/2015 1:00:00 PM	954000.000	121.646	19.173	274.020
40962.430	46092.520	30.170	31342.916	24.413
1.021				
12/12/2015 1:15:00 PM	954900.000	121.596	19.175	273.906
40923.145	46046.586	30.136	31311.682	24.436
1.021				
12/12/2015 1:30:00 PM	955800.000	121.539	19.170	273.778
40958.516	46091.047	30.169	31341.914	24.415
1.021				
12/12/2015 1:45:00 PM	956700.000	121.516	19.177	273.727
40937.211	46060.090	30.146	31320.863	24.428
1.021				
12/12/2015 2:00:00 PM	957600.000	121.453	19.174	273.586
40908.793	46030.695	30.125	31300.875	24.445
1.021				
12/12/2015 2:15:00 PM	958500.000	121.374	19.174	273.407
40933.949	46059.090	30.146	31320.184	24.430
1.021				
12/12/2015 2:30:00 PM	959400.000	121.345	19.175	273.342
40983.176	46113.617	30.185	31357.262	24.400
1.021				
12/12/2015 2:45:00 PM	960300.000	121.261	19.170	273.152
40943.051	46073.563	30.156	31330.025	24.424
1.021				
12/12/2015 3:00:00 PM	961200.000	121.241	19.168	273.108
40933.082	46064.406	30.149	31323.799	24.430
1.021				
12/12/2015 3:15:00 PM	962100.000	121.181	19.173	272.973
40946.629	46074.742	30.157	31330.826	24.422
1.021				
12/12/2015 3:30:00 PM	963000.000	121.107	19.171	272.806
40924.605	46052.020	30.140	31315.375	24.435
1.021				
12/12/2015 3:45:00 PM	963900.000	121.031	19.169	272.635
40957.031	46090.586	30.168	31341.600	24.416
1.021				
12/12/2015 4:00:00 PM	964800.000	121.016	19.171	272.601
40947.164	46077.406	30.159	31332.639	24.422
1.021				
12/12/2015 4:15:00 PM	965700.000	121.015	19.175	272.598
40987.234	46118.004	30.189	31360.242	24.398
1.021				
12/12/2015 4:30:00 PM	966600.000	120.945	19.171	272.440
40939.203	46068.191	30.152	31326.373	24.426
1.021				
12/12/2015 4:45:00 PM	967500.000	120.984	19.169	272.529
40914.363	46042.133	30.133	31308.650	24.441
1.021				
12/12/2015 5:00:00 PM	968400.000	120.892	19.168	272.320
40930.352	46061.070	30.147	31321.529	24.432
1.021				
12/12/2015 5:15:00 PM	969300.000	120.946	19.172	272.443

40934.063	46061.801	30.147	31322.027	24.430
1.021				
12/12/2015 5:30:00 PM	970200.000	120.898	19.168	272.334
40919.648	46049.547	30.138	31313.691	24.438
1.021				
12/12/2015 5:45:00 PM	971100.000	120.910	19.171	272.362
40937.586	46066.199	30.151	31325.018	24.427
1.021				
12/12/2015 6:00:00 PM	972000.000	120.902	19.172	272.344
40882.520	46003.199	30.105	31282.178	24.460
1.021				
12/12/2015 6:15:00 PM	972900.000	120.942	19.170	272.433
40910.879	46037.613	30.130	31305.580	24.443
1.021				
12/12/2015 6:30:00 PM	973800.000	120.897	19.171	272.331
40967.152	46099.293	30.175	31347.521	24.410
1.021				
12/12/2015 6:45:00 PM	974700.000	120.946	19.177	272.443
40933.773	46056.398	30.144	31318.354	24.430
1.021				
12/12/2015 7:00:00 PM	975600.000	120.930	19.179	272.406
40950.152	46073.008	30.156	31329.646	24.420
1.021				
12/12/2015 7:15:00 PM	976500.000	121.032	19.179	272.636
40947.145	46069.359	30.153	31327.166	24.422
1.021				
12/12/2015 7:30:00 PM	977400.000	121.034	19.174	272.640
40932.586	46057.383	30.144	31319.023	24.430
1.021				
12/12/2015 7:45:00 PM	978300.000	121.073	19.177	272.729
40927.949	46049.234	30.138	31313.482	24.433
1.021				
12/12/2015 8:00:00 PM	979200.000	121.168	19.175	272.943
40943.473	46068.855	30.153	31326.824	24.424
1.021				
12/12/2015 8:15:00 PM	980100.000	121.198	19.175	273.011
40945.523	46071.336	30.155	31328.508	24.423
1.021				
12/12/2015 8:30:00 PM	981000.000	121.212	19.181	273.041
40957.387	46078.906	30.160	31333.658	24.416
1.021				
12/12/2015 8:45:00 PM	981900.000	121.244	19.180	273.113
40925.973	46044.332	30.135	31310.148	24.434
1.021				
12/12/2015 9:00:00 PM	982800.000	121.285	19.181	273.206
40951.688	46072.324	30.156	31329.184	24.419
1.021				
12/12/2015 9:15:00 PM	983700.000	121.342	19.178	273.334
40926.332	46046.730	30.137	31311.779	24.434
1.021				
12/12/2015 9:30:00 PM	984600.000	121.388	19.181	273.437
40957.059	46078.277	30.160	31333.229	24.416
1.021				
12/12/2015 9:45:00 PM	985500.000	121.448	19.177	273.573
40921.996	46042.535	30.134	31308.926	24.437

1.021				
12/12/2015 10:00:00 PM	986400.000	121.466	19.183	273.615
40950.898	46069.707	30.154	31327.402	24.419
1.021				
12/12/2015 10:15:00 PM	987300.000	121.495	19.185	273.679
40948.441	46064.277	30.150	31323.711	24.421
1.021				
12/12/2015 10:30:00 PM	988200.000	121.537	19.181	273.774
40921.707	46038.938	30.131	31306.480	24.437
1.021				
12/12/2015 10:45:00 PM	989100.000	121.559	19.183	273.823
40940.738	46058.016	30.145	31319.453	24.426
1.021				
12/12/2015 11:00:00 PM	990000.000	121.585	19.186	273.882
40953.082	46068.813	30.153	31326.793	24.418
1.021				
12/12/2015 11:15:00 PM	990900.000	121.638	19.182	274.001
40953.000	46072.852	30.156	31329.541	24.418
1.021				
12/12/2015 11:30:00 PM	991800.000	121.630	19.187	273.984
40929.156	46041.113	30.133	31307.959	24.432
1.021				
12/12/2015 11:45:00 PM	992700.000	121.674	19.185	274.082
40968.262	46086.734	30.166	31338.982	24.409
1.021				
12/13/2015 12:00:00 AM	993600.000	121.666	19.192	274.066
40941.699	46050.398	30.140	31314.273	24.425
1.021				
12/13/2015 12:15:00 AM	994500.000	121.726	19.182	274.199
40965.465	46086.617	30.166	31338.902	24.411
1.021				
12/13/2015 12:30:00 AM	995400.000	121.703	19.193	274.148
40937.781	46045.215	30.136	31310.748	24.427
1.021				
12/13/2015 12:45:00 AM	996300.000	121.726	19.183	274.201
40939.082	46056.242	30.144	31318.244	24.427
1.021				
12/13/2015 1:00:00 AM	997200.000	121.665	19.178	274.062
40910.426	46028.484	30.123	31299.369	24.444
1.021				
12/13/2015 1:15:00 AM	998100.000	121.675	19.180	274.085
40943.277	46063.375	30.149	31323.098	24.424
1.021				
12/13/2015 1:30:00 AM	999000.000	121.658	19.181	274.047
40937.508	46056.285	30.144	31318.275	24.427
1.021				
12/13/2015 1:45:00 AM	999900.000	121.665	19.182	274.062
40952.090	46071.738	30.155	31328.785	24.419
1.021				
12/13/2015 2:00:00 AM	1000800.000	121.634	19.179	273.994
40956.441	46080.086	30.161	31334.461	24.416
1.021				
12/13/2015 2:15:00 AM	1001700.000	121.605	19.185	273.927
40946.008	46061.699	30.148	31321.957	24.422
1.021				

12/13/2015 2:30:00 AM	1002600.000	121.620	19.174	273.960
40967.613	46096.711	30.173	31345.766	24.410
1.021				
12/13/2015 2:45:00 AM	1003500.000	121.582	19.185	273.875
40969.988	46088.516	30.168	31340.193	24.408
1.021				
12/13/2015 3:00:00 AM	1004400.000	121.587	19.178	273.886
40912.371	46031.367	30.125	31301.332	24.442
1.021				
12/13/2015 3:15:00 AM	1005300.000	121.565	19.178	273.837
40932.668	46054.113	30.142	31316.799	24.430
1.021				
12/13/2015 3:30:00 AM	1006200.000	121.569	19.182	273.846
40914.762	46029.660	30.124	31300.172	24.441
1.021				
12/13/2015 3:45:00 AM	1007100.000	121.550	19.173	273.802
40918.156	46042.098	30.133	31308.629	24.439
1.021				
12/13/2015 4:00:00 AM	1008000.000	121.516	19.183	273.727
40962.563	46082.750	30.163	31336.271	24.413
1.021				
12/13/2015 4:15:00 AM	1008900.000	121.514	19.184	273.721
40931.340	46046.836	30.137	31311.852	24.431
1.021				
12/13/2015 4:30:00 AM	1009800.000	121.518	19.184	273.732
40938.340	46054.199	30.142	31316.855	24.427
1.021				
12/13/2015 4:45:00 AM	1010700.000	121.552	19.178	273.807
40922.188	46042.414	30.134	31308.844	24.437
1.021				
12/13/2015 5:00:00 AM	1011600.000	121.556	19.177	273.816
40965.887	46091.918	30.170	31342.504	24.411
1.021				
12/13/2015 5:15:00 AM	1012500.000	121.540	19.178	273.781
40922.563	46042.234	30.133	31308.719	24.436
1.021				
12/13/2015 5:30:00 AM	1013400.000	121.569	19.176	273.847
40900.887	46020.332	30.117	31293.826	24.449
1.021				
12/13/2015 5:45:00 AM	1014300.000	121.552	19.182	273.807
40921.676	46037.785	30.130	31305.695	24.437
1.021				
12/13/2015 6:00:00 AM	1015200.000	121.600	19.180	273.915
40931.457	46050.766	30.140	31314.523	24.431
1.021				
12/13/2015 6:15:00 AM	1016100.000	121.618	19.181	273.955
40950.008	46070.859	30.154	31328.188	24.420
1.021				
12/13/2015 6:30:00 AM	1017000.000	121.684	19.184	274.105
40969.703	46089.227	30.168	31340.676	24.408
1.021				
12/13/2015 6:45:00 AM	1017900.000	121.676	19.183	274.088
40960.359	46079.750	30.161	31334.232	24.414
1.021				
12/13/2015 7:00:00 AM	1018800.000	121.695	19.177	274.129

40918.742	46038.875	30.131	31306.438	24.439
1.021				
12/13/2015 7:15:00 AM	1019700.000	121.725	19.176	274.197
40892.582	46011.082	30.111	31287.537	24.454
1.021				
12/13/2015 7:30:00 AM	1020600.000	121.763	19.177	274.282
40940.141	46063.117	30.149	31322.922	24.426
1.021				
12/13/2015 7:45:00 AM	1021500.000	121.798	19.185	274.361
40925.836	46039.270	30.132	31306.705	24.434
1.021				
12/13/2015 8:00:00 AM	1022400.000	121.828	19.178	274.428
40912.613	46030.855	30.125	31300.984	24.442
1.021				
12/13/2015 8:15:00 AM	1023300.000	121.870	19.183	274.524
40959.809	46079.559	30.161	31334.102	24.414
1.021				
12/13/2015 8:30:00 AM	1024200.000	121.908	19.182	274.610
40946.242	46065.422	30.151	31324.488	24.422
1.021				
12/13/2015 8:45:00 AM	1025100.000	121.987	19.182	274.787
40942.125	46060.176	30.147	31320.922	24.425
1.021				
12/13/2015 9:00:00 AM	1026000.000	121.983	19.179	274.779
40933.383	46053.801	30.142	31316.586	24.430
1.021				
12/13/2015 9:15:00 AM	1026900.000	122.050	19.176	274.930
40933.324	46056.656	30.144	31318.529	24.430
1.021				
12/13/2015 9:30:00 AM	1027800.000	122.073	19.181	274.981
40932.641	46050.543	30.140	31314.371	24.430
1.021				
12/13/2015 9:45:00 AM	1028700.000	122.105	19.184	275.054
40946.305	46063.504	30.149	31323.186	24.422
1.021				
12/13/2015 10:00:00 AM	1029600.000	122.117	19.182	275.079
40942.887	46061.566	30.148	31321.867	24.424
1.021				
12/13/2015 10:15:00 AM	1030500.000	122.145	19.181	275.144
40916.504	46032.910	30.127	31302.379	24.440
1.021				
12/13/2015 10:30:00 AM	1031400.000	122.169	19.187	275.197
40977.184	46094.789	30.172	31344.457	24.404
1.021				
12/13/2015 10:45:00 AM	1032300.000	122.170	19.191	275.200
40953.559	46064.344	30.150	31323.756	24.418
1.021				
12/13/2015 11:00:00 AM	1033200.000	122.145	19.185	275.144
40943.941	46059.465	30.146	31320.436	24.424
1.021				
12/13/2015 11:15:00 AM	1034100.000	122.118	19.179	275.083
40916.406	46034.438	30.128	31303.420	24.440
1.021				
12/13/2015 11:30:00 AM	1035000.000	122.115	19.176	275.075
40952.309	46078.191	30.160	31333.172	24.419

1.021					
12/13/2015 11:45:00 AM	1035900.000	122.099	19.183	275.041	
40924.316	46039.383	30.132	31306.783	24.435	
1.021					
12/13/2015 12:00:00 PM	1036800.000	122.078	19.192	274.992	
40973.102	46085.105	30.165	31337.873	24.406	
1.021					
12/13/2015 12:15:00 PM	1037700.000	122.044	19.179	274.917	
40957.652	46080.762	30.162	31334.920	24.415	
1.021					
12/13/2015 12:30:00 PM	1038600.000	122.014	19.184	274.849	
40945.918	46062.375	30.148	31322.418	24.422	
1.021					
12/13/2015 12:45:00 PM	1039500.000	122.017	19.179	274.856	
40937.184	46058.246	30.145	31319.609	24.428	
1.021					
12/13/2015 1:00:00 PM	1040400.000	121.941	19.176	274.683	
40931.270	46054.090	30.142	31316.781	24.431	
1.021					
12/13/2015 1:15:00 PM	1041300.000	121.910	19.175	274.615	
40945.691	46071.523	30.155	31328.639	24.423	
1.021					
12/13/2015 1:30:00 PM	1042200.000	121.859	19.179	274.498	
40924.203	46042.945	30.134	31309.203	24.435	
1.021					
12/13/2015 1:45:00 PM	1043100.000	121.774	19.182	274.309	
40986.449	46110.656	30.183	31355.248	24.398	
1.021					
12/13/2015 2:00:00 PM	1044000.000	121.717	19.180	274.179	
40947.785	46069.137	30.153	31327.016	24.421	
1.021					
12/13/2015 2:15:00 PM	1044900.000	121.668	19.175	274.069	
40924.750	46048.395	30.138	31312.910	24.435	
1.021					
12/13/2015 2:30:00 PM	1045800.000	121.611	19.179	273.940	
40916.016	46034.336	30.128	31303.350	24.440	
1.021					
12/13/2015 2:45:00 PM	1046700.000	121.543	19.176	273.789	
40971.750	46099.977	30.175	31347.986	24.407	
1.021					
12/13/2015 3:00:00 PM	1047600.000	121.493	19.178	273.675	
40960.168	46085.145	30.165	31337.900	24.414	
1.021					
12/13/2015 3:15:00 PM	1048500.000	121.462	19.174	273.604	
40943.637	46070.504	30.154	31327.945	24.424	
1.021					
12/13/2015 3:30:00 PM	1049400.000	121.377	19.171	273.414	
40922.391	46048.840	30.138	31313.213	24.437	
1.021					
12/13/2015 3:45:00 PM	1050300.000	121.324	19.171	273.295	
40917.879	46044.633	30.135	31310.352	24.439	
1.021					
12/13/2015 4:00:00 PM	1051200.000	121.325	19.174	273.296	
40945.777	46072.574	30.155	31329.354	24.423	
1.021					

12/13/2015 4:15:00 PM	1052100.000	121.237	19.174	273.098
40938.711	46064.359	30.149	31323.768	24.427
1.021				
12/13/2015 4:30:00 PM	1053000.000	121.200	19.175	273.015
40924.996	46048.504	30.138	31312.984	24.435
1.021				
12/13/2015 4:45:00 PM	1053900.000	121.185	19.170	272.982
40909.973	46035.992	30.129	31304.477	24.444
1.021				
12/13/2015 5:00:00 PM	1054800.000	121.128	19.175	272.853
40983.152	46113.848	30.186	31357.418	24.400
1.021				
12/13/2015 5:15:00 PM	1055700.000	121.096	19.173	272.780
40943.758	46071.074	30.154	31328.330	24.424
1.021				
12/13/2015 5:30:00 PM	1056600.000	121.042	19.170	272.658
40918.703	46046.504	30.136	31311.625	24.439
1.021				
12/13/2015 5:45:00 PM	1057500.000	121.068	19.168	272.718
40910.887	46039.164	30.131	31306.635	24.443
1.021				
12/13/2015 6:00:00 PM	1058400.000	121.045	19.177	272.667
40936.359	46058.953	30.146	31320.090	24.428
1.021				
12/13/2015 6:15:00 PM	1059300.000	121.016	19.177	272.601
40945.172	46068.523	30.153	31326.598	24.423
1.021				
12/13/2015 6:30:00 PM	1060200.000	121.010	19.177	272.588
40989.160	46117.926	30.189	31360.191	24.397
1.021				
12/13/2015 6:45:00 PM	1061100.000	121.026	19.174	272.622
40925.926	46050.063	30.139	31314.045	24.434
1.021				
12/13/2015 7:00:00 PM	1062000.000	121.081	19.178	272.748
40962.191	46087.504	30.166	31339.506	24.413
1.021				
12/13/2015 7:15:00 PM	1062900.000	121.056	19.179	272.690
40905.113	46022.160	30.119	31295.070	24.447
1.021				
12/13/2015 7:30:00 PM	1063800.000	121.087	19.178	272.759
40953.539	46077.688	30.159	31332.830	24.418
1.021				
12/13/2015 7:45:00 PM	1064700.000	121.111	19.177	272.815
40917.195	46037.906	30.130	31305.779	24.440
1.021				
12/13/2015 8:00:00 PM	1065600.000	121.141	19.175	272.882
40923.336	46046.371	30.136	31311.535	24.436
1.021				
12/13/2015 8:15:00 PM	1066500.000	121.135	19.176	272.869
40949.813	46075.477	30.158	31331.326	24.420
1.021				
12/13/2015 8:30:00 PM	1067400.000	121.257	19.178	273.143
40942.504	46064.574	30.150	31323.912	24.424
1.021				
12/13/2015 8:45:00 PM	1068300.000	121.260	19.175	273.150

40897.508	46016.789	30.115	31291.418	24.451
1.021				
12/13/2015 9:00:00 PM	1069200.000	121.345	19.179	273.341
40929.836	46049.281	30.139	31313.514	24.432
1.021				
12/13/2015 9:15:00 PM	1070100.000	121.361	19.180	273.379
40931.477	46050.789	30.140	31314.539	24.431
1.021				
12/13/2015 9:30:00 PM	1071000.000	121.404	19.176	273.474
40922.035	46043.438	30.134	31309.537	24.437
1.021				
12/13/2015 9:45:00 PM	1071900.000	121.435	19.182	273.545
40947.961	46067.273	30.152	31325.748	24.421
1.021				
12/13/2015 10:00:00 PM	1072800.000	121.524	19.178	273.746
40951.918	46075.516	30.158	31331.352	24.419
1.021				
12/13/2015 10:15:00 PM	1073700.000	121.511	19.184	273.716
40933.785	46049.676	30.139	31313.779	24.430
1.021				
12/13/2015 10:30:00 PM	1074600.000	121.579	19.185	273.869
40919.332	46031.781	30.126	31301.613	24.438
1.021				
12/13/2015 10:45:00 PM	1075500.000	121.630	19.188	273.984
40952.691	46066.555	30.152	31325.260	24.418
1.021				
12/13/2015 11:00:00 PM	1076400.000	121.679	19.183	274.094
40909.227	46023.008	30.120	31295.648	24.444
1.021				
12/13/2015 11:15:00 PM	1077300.000	121.660	19.179	274.052
40941.320	46062.465	30.148	31322.477	24.425
1.021				
12/13/2015 11:30:00 PM	1078200.000	121.706	19.178	274.155
40954.582	46078.516	30.160	31333.391	24.417
1.021				
12/13/2015 11:45:00 PM	1079100.000	121.749	19.188	274.251
40930.184	46041.320	30.133	31308.100	24.432
1.021				
12/14/2015 12:00:00 AM	1080000.000	121.776	19.182	274.311
40939.738	46057.492	30.145	31319.098	24.426
1.021				
12/14/2015 12:15:00 AM	1080900.000	121.826	19.188	274.425
40950.984	46065.063	30.151	31324.244	24.419
1.021				
12/14/2015 12:30:00 AM	1081800.000	121.834	19.184	274.442
40930.316	46045.434	30.136	31310.896	24.432
1.021				
12/14/2015 12:45:00 AM	1082700.000	121.835	19.187	274.446
40951.910	46066.625	30.152	31325.307	24.419
1.021				
12/14/2015 1:00:00 AM	1083600.000	121.820	19.190	274.413
40956.066	46068.371	30.153	31326.494	24.416
1.021				
12/14/2015 1:15:00 AM	1084500.000	121.833	19.181	274.442
40965.742	46087.965	30.167	31339.816	24.411

1.021				
12/14/2015 1:30:00 AM	1085400.000	121.796	19.190	274.358
40935.535	46044.754	30.136	31310.434	24.429
1.021				
12/14/2015 1:45:00 AM	1086300.000	121.846	19.189	274.471
40941.539	46052.535	30.141	31315.725	24.425
1.021				
12/14/2015 2:00:00 AM	1087200.000	121.800	19.187	274.367
40964.020	46080.672	30.162	31334.859	24.412
1.021				
12/14/2015 2:15:00 AM	1088100.000	121.819	19.191	274.409
40947.039	46057.184	30.145	31318.887	24.422
1.021				
12/14/2015 2:30:00 AM	1089000.000	121.818	19.186	274.406
40974.668	46092.738	30.171	31343.063	24.405
1.021				
12/14/2015 2:45:00 AM	1089900.000	121.807	19.188	274.383
40926.828	46037.891	30.131	31305.768	24.434
1.021				
12/14/2015 3:00:00 AM	1090800.000	121.741	19.181	274.233
40929.570	46047.441	30.137	31312.262	24.432
1.021				
12/14/2015 3:15:00 AM	1091700.000	121.762	19.182	274.281
40933.977	46051.191	30.140	31314.813	24.430
1.021				
12/14/2015 3:30:00 AM	1092600.000	121.688	19.186	274.114
40932.270	46045.313	30.136	31310.814	24.431
1.021				
12/14/2015 3:45:00 AM	1093500.000	121.693	19.183	274.125
40985.438	46108.219	30.182	31353.592	24.399
1.021				
12/14/2015 4:00:00 AM	1094400.000	121.676	19.186	274.088
40957.258	46074.016	30.157	31330.332	24.416
1.021				
12/14/2015 4:15:00 AM	1095300.000	121.624	19.188	273.971
40931.688	46042.406	30.134	31308.838	24.431
1.021				
12/14/2015 4:30:00 AM	1096200.000	121.657	19.183	274.044
40936.898	46054.141	30.142	31316.818	24.428
1.021				
12/14/2015 4:45:00 AM	1097100.000	121.634	19.179	273.994
40957.063	46080.609	30.161	31334.816	24.416
1.021				
12/14/2015 5:00:00 AM	1098000.000	121.618	19.178	273.955
40957.879	46081.969	30.162	31335.738	24.415
1.021				
12/14/2015 5:15:00 AM	1098900.000	121.633	19.179	273.989
40931.008	46051.203	30.140	31314.820	24.431
1.021				
12/14/2015 5:30:00 AM	1099800.000	121.640	19.175	274.006
40941.891	46067.586	30.152	31325.961	24.425
1.021				
12/14/2015 5:45:00 AM	1100700.000	121.629	19.182	273.981
40942.324	46060.582	30.147	31321.197	24.425
1.021				

12/14/2015 6:00:00 AM	1101600.000	121.629	19.179	273.980
40942.633	46064.281	30.150	31323.713	24.424
1.021				
12/14/2015 6:15:00 AM	1102500.000	121.643	19.182	274.014
40941.363	46059.668	30.146	31320.576	24.425
1.021				
12/14/2015 6:30:00 AM	1103400.000	121.692	19.177	274.122
40963.711	46089.906	30.168	31341.139	24.412
1.021				
12/14/2015 6:45:00 AM	1104300.000	121.637	19.180	273.999
40935.730	46055.145	30.143	31317.500	24.429
1.021				
12/14/2015 7:00:00 AM	1105200.000	121.658	19.179	274.047
40938.293	46058.715	30.146	31319.928	24.427
1.021				
12/14/2015 7:15:00 AM	1106100.000	121.682	19.184	274.101
40944.137	46061.066	30.147	31321.527	24.424
1.021				
12/14/2015 7:30:00 AM	1107000.000	121.715	19.181	274.175
40928.512	46046.336	30.137	31311.510	24.433
1.021				
12/14/2015 7:45:00 AM	1107900.000	121.755	19.178	274.266
40916.219	46035.352	30.128	31304.041	24.440
1.021				
12/14/2015 8:00:00 AM	1108800.000	121.776	19.178	274.313
40956.078	46079.758	30.161	31334.238	24.416
1.021				
12/14/2015 8:15:00 AM	1109700.000	121.826	19.181	274.426
40950.422	46070.383	30.154	31327.863	24.420
1.021				
12/14/2015 8:30:00 AM	1110600.000	121.826	19.183	274.426
40926.578	46042.430	30.134	31308.854	24.434
1.021				
12/14/2015 8:45:00 AM	1111500.000	121.843	19.182	274.464
40945.691	46064.457	30.150	31323.834	24.423
1.021				
12/14/2015 9:00:00 AM	1112400.000	121.866	19.187	274.515
40958.813	46074.738	30.158	31330.824	24.415
1.021				
12/14/2015 9:15:00 AM	1113300.000	121.945	19.180	274.692
40953.363	46074.891	30.157	31330.928	24.418
1.021				
12/14/2015 9:30:00 AM	1114200.000	121.967	19.177	274.743
40933.223	46055.781	30.143	31317.934	24.430
1.021				
12/14/2015 9:45:00 AM	1115100.000	121.978	19.183	274.768
40963.555	46083.344	30.164	31336.676	24.412
1.021				
12/14/2015 10:00:00 AM	1116000.000	122.037	19.182	274.900
40967.691	46089.645	30.168	31340.959	24.409
1.021				
12/14/2015 10:15:00 AM	1116900.000	122.041	19.179	274.909
40918.414	46036.695	30.129	31304.955	24.439
1.021				
12/14/2015 10:30:00 AM	1117800.000	122.099	19.189	275.040

40948.805	46061.578	30.148	31321.875	24.421
1.021				
12/14/2015 10:45:00 AM	1118700.000	122.132	19.183	275.114
40961.449	46081.316	30.162	31335.297	24.413
1.021				
12/14/2015 11:00:00 AM	1119600.000	122.072	19.181	274.978
40909.672	46025.305	30.121	31297.209	24.444
1.021				
12/14/2015 11:15:00 AM	1120500.000	122.096	19.179	275.033
40940.063	46061.316	30.147	31321.697	24.426
1.021				
12/14/2015 11:30:00 AM	1121400.000	122.111	19.183	275.067
40932.586	46049.191	30.139	31313.451	24.430
1.021				
12/14/2015 11:45:00 AM	1122300.000	122.187	19.182	275.239
40929.438	46045.996	30.136	31311.279	24.432
1.021				
12/14/2015 12:00:00 PM	1123200.000	122.085	19.178	275.008
40917.824	46036.719	30.129	31304.971	24.439
1.021				
12/14/2015 12:15:00 PM	1124100.000	122.079	19.184	274.995
40922.375	46036.500	30.130	31304.820	24.437
1.021				
12/14/2015 12:30:00 PM	1125000.000	122.083	19.182	275.004
40920.223	46035.977	30.129	31304.467	24.438
1.021				
12/14/2015 12:45:00 PM	1125900.000	122.046	19.189	274.919
40973.953	46089.441	30.168	31340.822	24.406
1.021				
12/14/2015 1:00:00 PM	1126800.000	122.007	19.180	274.833
40943.617	46064.273	30.150	31323.707	24.424
1.021				
12/14/2015 1:15:00 PM	1127700.000	121.988	19.181	274.790
40947.344	46067.082	30.152	31325.617	24.422
1.021				
12/14/2015 1:30:00 PM	1128600.000	121.934	19.186	274.669
40942.289	46056.488	30.144	31318.412	24.425
1.021				
12/14/2015 1:45:00 PM	1129500.000	121.916	19.182	274.627
40923.395	46039.199	30.131	31306.658	24.436
1.021				
12/14/2015 2:00:00 PM	1130400.000	121.860	19.179	274.501
40936.883	46058.078	30.145	31319.496	24.428
1.021				
12/14/2015 2:15:00 PM	1131300.000	121.815	19.178	274.400
40931.621	46052.848	30.141	31315.939	24.431
1.021				
12/14/2015 2:30:00 PM	1132200.000	121.785	19.173	274.332
40937.457	46064.238	30.149	31323.684	24.428
1.021				
12/14/2015 2:45:00 PM	1133100.000	121.688	19.179	274.114
40938.555	46059.273	30.146	31320.309	24.427
1.021				
12/14/2015 3:00:00 PM	1134000.000	121.693	19.182	274.125
40940.379	46058.305	30.145	31319.650	24.426

1.021				
12/14/2015 3:15:00 PM	1134900.000	121.594	19.178	273.903
40933.137	46053.949	30.142	31316.688	24.430
1.021				
12/14/2015 3:30:00 PM	1135800.000	121.568	19.176	273.843
40910.473	46031.117	30.125	31301.160	24.444
1.021				
12/14/2015 3:45:00 PM	1136700.000	121.517	19.178	273.729
40916.117	46035.582	30.129	31304.197	24.440
1.021				
12/14/2015 4:00:00 PM	1137600.000	121.446	19.174	273.568
40938.238	46063.742	30.149	31323.348	24.427
1.021				
12/14/2015 4:15:00 PM	1138500.000	121.418	19.173	273.507
40968.730	46099.609	30.175	31347.736	24.409
1.021				
12/14/2015 4:30:00 PM	1139400.000	121.371	19.174	273.401
40925.840	46050.398	30.139	31314.273	24.434
1.021				
12/14/2015 4:45:00 PM	1140300.000	121.312	19.183	273.268
40946.773	46064.805	30.150	31324.070	24.422
1.021				
12/14/2015 5:00:00 PM	1141200.000	121.273	19.177	273.178
40931.688	46054.051	30.142	31316.756	24.431
1.021				
12/14/2015 5:15:00 PM	1142100.000	121.195	19.178	273.004
40921.176	46041.012	30.133	31307.891	24.437
1.021				
12/14/2015 5:30:00 PM	1143000.000	121.209	19.176	273.035
40922.375	46044.160	30.135	31310.029	24.437
1.021				
12/14/2015 5:45:00 PM	1143900.000	121.134	19.176	272.866
40967.027	46094.930	30.172	31344.555	24.410
1.021				
12/14/2015 6:00:00 PM	1144800.000	121.142	19.171	272.885
40946.852	46077.145	30.159	31332.461	24.422
1.021				
12/14/2015 6:15:00 PM	1145700.000	121.120	19.167	272.835
40926.160	46057.219	30.144	31318.910	24.434
1.021				
12/14/2015 6:30:00 PM	1146600.000	121.051	19.170	272.679
40923.730	46051.637	30.140	31315.115	24.436
1.021				
12/14/2015 6:45:00 PM	1147500.000	121.080	19.176	272.744
40917.297	46038.445	30.131	31306.145	24.440
1.021				
12/14/2015 7:00:00 PM	1148400.000	121.061	19.170	272.701
40932.234	46061.301	30.147	31321.688	24.431
1.021				
12/14/2015 7:15:00 PM	1149300.000	121.065	19.169	272.711
40939.598	46070.621	30.154	31328.025	24.426
1.021				
12/14/2015 7:30:00 PM	1150200.000	121.056	19.170	272.690
40928.457	46057.141	30.144	31318.857	24.433
1.021				

12/14/2015 7:45:00 PM	1151100.000	121.089	19.171	272.764
40923.215	46049.688	30.139	31313.789	24.436
1.021				
12/14/2015 8:00:00 PM	1152000.000	121.110	19.177	272.812
40932.477	46054.238	30.142	31316.885	24.430
1.021				
12/14/2015 8:15:00 PM	1152900.000	121.124	19.177	272.843
40985.242	46114.047	30.186	31357.553	24.399
1.021				
12/14/2015 8:30:00 PM	1153800.000	121.112	19.173	272.817
40920.727	46045.676	30.136	31311.063	24.437
1.021				
12/14/2015 8:45:00 PM	1154700.000	121.181	19.174	272.973
40910.367	46032.301	30.126	31301.965	24.444
1.021				
12/14/2015 9:00:00 PM	1155600.000	121.208	19.184	273.033
40966.277	46085.973	30.166	31338.463	24.410
1.021				
12/14/2015 9:15:00 PM	1156500.000	121.264	19.179	273.160
40950.609	46073.184	30.156	31329.768	24.420
1.021				
12/14/2015 9:30:00 PM	1157400.000	121.316	19.182	273.276
40948.656	46067.875	30.152	31326.158	24.421
1.021				
12/14/2015 9:45:00 PM	1158300.000	121.360	19.179	273.376
40928.102	46047.934	30.138	31312.598	24.433
1.021				
12/14/2015 10:00:00 PM	1159200.000	121.387	19.179	273.435
40925.824	46044.688	30.135	31310.391	24.434
1.021				
12/14/2015 10:15:00 PM	1160100.000	121.451	19.176	273.581
40971.453	46099.129	30.175	31347.410	24.407
1.021				
12/14/2015 10:30:00 PM	1161000.000	121.480	19.180	273.646
40951.117	46072.887	30.156	31329.563	24.419
1.021				
12/14/2015 10:45:00 PM	1161900.000	121.507	19.180	273.706
40952.793	46074.953	30.157	31330.971	24.418
1.021				
12/14/2015 11:00:00 PM	1162800.000	121.559	19.182	273.823
40924.578	46040.875	30.133	31307.797	24.435
1.021				
12/14/2015 11:15:00 PM	1163700.000	121.625	19.187	273.972
40954.961	46069.793	30.154	31327.461	24.417
1.021				
12/14/2015 11:30:00 PM	1164600.000	121.657	19.184	274.044
40951.926	46069.746	30.154	31327.430	24.419
1.021				
12/14/2015 11:45:00 PM	1165500.000	121.694	19.188	274.127
40930.996	46041.809	30.134	31308.432	24.431
1.021				
12/15/2015 12:00:00 AM	1166400.000	121.710	19.186	274.163
40939.688	46053.656	30.142	31316.488	24.426
1.021				
12/15/2015 12:15:00 AM	1167300.000	121.760	19.184	274.277

40963.680	46082.531	30.163	31336.123	24.412
1.021				
12/15/2015 12:30:00 AM	1168200.000	121.788	19.181	274.340
40947.195	46067.355	30.152	31325.805	24.422
1.021				
12/15/2015 12:45:00 AM	1169100.000	121.822	19.185	274.417
40949.582	46065.902	30.151	31324.816	24.420
1.021				
12/15/2015 1:00:00 AM	1170000.000	121.837	19.188	274.450
40907.191	46015.539	30.114	31290.568	24.446
1.021				
12/15/2015 1:15:00 AM	1170900.000	121.832	19.188	274.439
40962.320	46077.730	30.160	31332.859	24.413
1.021				
12/15/2015 1:30:00 AM	1171800.000	121.875	19.188	274.536
40930.836	46041.449	30.133	31308.188	24.431
1.021				
12/15/2015 1:45:00 AM	1172700.000	121.838	19.191	274.451
40936.570	46045.234	30.136	31310.760	24.428
1.021				
12/15/2015 2:00:00 AM	1173600.000	121.846	19.187	274.470
40921.891	46033.121	30.127	31302.525	24.437
1.021				
12/15/2015 2:15:00 AM	1174500.000	121.871	19.186	274.526
40930.820	46043.852	30.135	31309.822	24.431
1.021				
12/15/2015 2:30:00 AM	1175400.000	121.867	19.191	274.518
40933.574	46042.035	30.134	31308.586	24.430
1.021				
12/15/2015 2:45:00 AM	1176300.000	121.873	19.186	274.531
40945.137	46059.875	30.147	31320.717	24.423
1.021				
12/15/2015 3:00:00 AM	1177200.000	121.815	19.181	274.400
40970.590	46093.418	30.171	31343.527	24.408
1.021				
12/15/2015 3:15:00 AM	1178100.000	121.832	19.185	274.438
40968.027	46086.563	30.166	31338.865	24.409
1.021				
12/15/2015 3:30:00 AM	1179000.000	121.794	19.192	274.353
40946.586	46056.063	30.144	31318.125	24.422
1.021				
12/15/2015 3:45:00 AM	1179900.000	121.781	19.178	274.324
40948.961	46072.535	30.156	31329.326	24.421
1.021				
12/15/2015 4:00:00 AM	1180800.000	121.792	19.186	274.349
40948.121	46063.141	30.149	31322.938	24.421
1.021				
12/15/2015 4:15:00 AM	1181700.000	121.742	19.183	274.235
40945.055	46062.715	30.149	31322.646	24.423
1.021				
12/15/2015 4:30:00 AM	1182600.000	121.728	19.180	274.204
40945.137	46066.074	30.151	31324.934	24.423
1.021				
12/15/2015 4:45:00 AM	1183500.000	121.725	19.184	274.197
40954.391	46072.082	30.155	31329.018	24.417

1.021				
12/15/2015 5:00:00 AM	1184400.000	121.699	19.184	274.140
40940.090	46056.078	30.144	31318.135	24.426
1.021				
12/15/2015 5:15:00 AM	1185300.000	121.688	19.185	274.114
40940.141	46055.102	30.143	31317.471	24.426
1.021				
12/15/2015 5:30:00 AM	1186200.000	121.670	19.183	274.075
40926.625	46042.227	30.134	31308.715	24.434
1.021				
12/15/2015 5:45:00 AM	1187100.000	121.684	19.185	274.105
40951.281	46067.895	30.152	31326.170	24.419
1.021				
12/15/2015 6:00:00 AM	1188000.000	121.672	19.184	274.077
40926.902	46041.160	30.133	31307.988	24.434
1.021				
12/15/2015 6:15:00 AM	1188900.000	121.674	19.186	274.083
40922.434	46034.844	30.128	31303.695	24.436
1.021				
12/15/2015 6:30:00 AM	1189800.000	121.636	19.181	273.996
40949.938	46069.836	30.154	31327.490	24.420
1.021				
12/15/2015 6:45:00 AM	1190700.000	121.694	19.176	274.127
40938.176	46061.688	30.148	31321.949	24.427
1.021				
12/15/2015 7:00:00 AM	1191600.000	121.673	19.181	274.081
40962.797	46084.734	30.165	31337.619	24.412
1.021				
12/15/2015 7:15:00 AM	1192500.000	121.664	19.182	274.059
40928.906	46045.656	30.136	31311.049	24.433
1.021				
12/15/2015 7:30:00 AM	1193400.000	121.661	19.177	274.054
40949.582	46073.742	30.156	31330.146	24.420
1.021				
12/15/2015 7:45:00 AM	1194300.000	121.725	19.183	274.198
40927.750	46043.586	30.135	31309.641	24.433
1.021				
12/15/2015 8:00:00 AM	1195200.000	121.730	19.183	274.209
40914.121	46027.648	30.123	31298.801	24.441
1.021				
12/15/2015 8:15:00 AM	1196100.000	121.770	19.178	274.300
40907.531	46025.141	30.121	31297.096	24.445
1.021				
12/15/2015 8:30:00 AM	1197000.000	121.765	19.179	274.286
40914.176	46032.191	30.126	31301.891	24.441
1.021				
12/15/2015 8:45:00 AM	1197900.000	121.784	19.184	274.331
40930.887	46046.418	30.137	31311.564	24.431
1.021				
12/15/2015 9:00:00 AM	1198800.000	121.819	19.180	274.409
40963.422	46086.379	30.166	31338.740	24.412
1.021				
12/15/2015 9:15:00 AM	1199700.000	121.852	19.178	274.484
40946.582	46069.770	30.153	31327.443	24.422
1.021				

12/15/2015 9:30:00 AM	1200600.000	121.854	19.178	274.488
40965.023	46090.691	30.169	31341.672	24.411
1.021				
12/15/2015 9:45:00 AM	1201500.000	121.877	19.175	274.540
40944.551	46069.723	30.153	31327.414	24.423
1.021				
12/15/2015 10:00:00 AM	1202400.000	121.908	19.180	274.610
40954.180	46075.902	30.158	31331.615	24.418
1.021				
12/15/2015 10:15:00 AM	1203300.000	121.945	19.177	274.693
40908.648	46027.777	30.123	31298.891	24.445
1.021				
12/15/2015 10:30:00 AM	1204200.000	121.966	19.184	274.740
40933.023	46048.648	30.138	31313.084	24.430
1.021				
12/15/2015 10:45:00 AM	1205100.000	122.013	19.182	274.846
40954.379	46074.742	30.157	31330.826	24.417
1.021				
12/15/2015 11:00:00 AM	1206000.000	122.012	19.181	274.843
40922.066	46038.563	30.131	31306.225	24.437
1.021				
12/15/2015 11:15:00 AM	1206900.000	122.064	19.188	274.960
40943.410	46056.543	30.144	31318.451	24.424
1.021				
12/15/2015 11:30:00 AM	1207800.000	122.048	19.188	274.925
40938.254	46050.313	30.140	31314.215	24.427
1.021				
12/15/2015 11:45:00 AM	1208700.000	122.083	19.188	275.004
40920.984	46030.797	30.126	31300.943	24.437
1.021				
12/15/2015 12:00:00 PM	1209600.000	122.062	19.186	274.956
40928.289	46041.344	30.133	31308.115	24.433
1.021				
12/15/2015 12:15:00 PM	1210500.000	122.070	19.182	274.974
40934.996	46052.770	30.141	31315.883	24.429
1.021				
12/15/2015 12:30:00 PM	1211400.000	122.079	19.182	274.995
40932.953	46049.953	30.139	31313.971	24.430
1.021				
12/15/2015 12:45:00 PM	1212300.000	122.060	19.177	274.953
40951.500	46075.988	30.158	31331.672	24.419
1.021				
12/15/2015 1:00:00 PM	1213200.000	122.060	19.182	274.953
40940.125	46058.457	30.145	31319.754	24.426
1.021				
12/15/2015 1:15:00 PM	1214100.000	122.056	19.185	274.942
40931.984	46046.359	30.137	31311.527	24.431
1.021				
12/15/2015 1:30:00 PM	1215000.000	122.037	19.180	274.901
40921.961	46039.563	30.132	31306.904	24.437
1.021				
12/15/2015 1:45:00 PM	1215900.000	121.997	19.182	274.810
40958.887	46079.035	30.160	31333.746	24.415
1.021				
12/15/2015 2:00:00 PM	1216800.000	122.014	19.180	274.848

40955.754	46078.188	30.160	31333.170	24.417
1.021				
12/15/2015 2:15:00 PM	1217700.000	121.973	19.177	274.757
40954.781	46079.246	30.160	31333.889	24.417
1.021				
12/15/2015 2:30:00 PM	1218600.000	121.912	19.184	274.618
40925.254	46039.223	30.132	31306.674	24.435
1.021				
12/15/2015 2:45:00 PM	1219500.000	121.866	19.183	274.514
40933.539	46049.492	30.139	31313.656	24.430
1.021				
12/15/2015 3:00:00 PM	1220400.000	121.846	19.179	274.470
40952.184	46074.609	30.157	31330.736	24.419
1.021				
12/15/2015 3:15:00 PM	1221300.000	121.793	19.181	274.350
40955.461	46076.738	30.159	31332.184	24.417
1.021				
12/15/2015 3:30:00 PM	1222200.000	121.754	19.180	274.262
40913.449	46030.156	30.125	31300.506	24.442
1.021				
12/15/2015 3:45:00 PM	1223100.000	121.686	19.172	274.109
40925.559	46051.535	30.140	31315.047	24.435
1.021				
12/15/2015 4:00:00 PM	1224000.000	121.685	19.173	274.108
40916.633	46041.070	30.132	31307.930	24.440
1.021				
12/15/2015 4:15:00 PM	1224900.000	121.623	19.177	273.967
40926.688	46048.246	30.138	31312.811	24.434
1.021				
12/15/2015 4:30:00 PM	1225800.000	121.581	19.179	273.873
40932.176	46052.781	30.141	31315.891	24.431
1.021				
12/15/2015 4:45:00 PM	1226700.000	121.497	19.179	273.684
40938.914	46060.098	30.146	31320.869	24.427
1.021				
12/15/2015 5:00:00 PM	1227600.000	121.434	19.170	273.541
40919.160	46046.934	30.136	31311.918	24.438
1.021				
12/15/2015 5:15:00 PM	1228500.000	121.405	19.169	273.477
40938.363	46068.711	30.152	31326.727	24.427
1.021				
12/15/2015 5:30:00 PM	1229400.000	121.359	19.167	273.374
40902.238	46030.555	30.124	31300.779	24.449
1.021				
12/15/2015 5:45:00 PM	1230300.000	121.309	19.169	273.261
40936.395	46067.363	30.151	31325.807	24.428
1.021				
12/15/2015 6:00:00 PM	1231200.000	121.272	19.170	273.176
40874.559	45996.305	30.100	31277.490	24.465
1.021				
12/15/2015 6:15:00 PM	1232100.000	121.239	19.180	273.103
40954.801	46076.766	30.159	31332.203	24.417
1.021				
12/15/2015 6:30:00 PM	1233000.000	121.219	19.176	273.059
40953.262	46078.570	30.160	31333.430	24.418

1.021				
12/15/2015 6:45:00 PM	1233900.000	121.188	19.171	272.988
40919.102	46045.570	30.136	31310.990	24.438
1.021				
12/15/2015 7:00:00 PM	1234800.000	121.165	19.169	272.937
40907.902	46034.605	30.127	31303.533	24.445
1.021				
12/15/2015 7:15:00 PM	1235700.000	121.167	19.176	272.941
40969.645	46097.344	30.174	31346.195	24.408
1.021				
12/15/2015 7:30:00 PM	1236600.000	121.134	19.177	272.866
40922.449	46043.570	30.134	31309.629	24.436
1.021				
12/15/2015 7:45:00 PM	1237500.000	121.147	19.172	272.895
40955.363	46085.680	30.165	31338.262	24.417
1.021				
12/15/2015 8:00:00 PM	1238400.000	121.153	19.173	272.908
40940.977	46067.941	30.152	31326.203	24.425
1.021				
12/15/2015 8:15:00 PM	1239300.000	121.150	19.175	272.903
40931.074	46054.652	30.142	31317.166	24.431
1.021				
12/15/2015 8:30:00 PM	1240200.000	121.135	19.178	272.869
40915.172	46034.258	30.128	31303.297	24.441
1.021				
12/15/2015 8:45:00 PM	1241100.000	121.197	19.175	273.008
40938.773	46063.316	30.149	31323.055	24.427
1.021				
12/15/2015 9:00:00 PM	1242000.000	121.197	19.174	273.008
40918.773	46041.926	30.133	31308.512	24.439
1.021				
12/15/2015 9:15:00 PM	1242900.000	121.223	19.175	273.067
40905.906	46026.586	30.122	31298.080	24.446
1.021				
12/15/2015 9:30:00 PM	1243800.000	121.253	19.182	273.134
40936.262	46054.113	30.142	31316.799	24.428
1.021				
12/15/2015 9:45:00 PM	1244700.000	121.300	19.178	273.240
40949.656	46072.535	30.156	31329.326	24.420
1.021				
12/15/2015 10:00:00 PM	1245600.000	121.313	19.179	273.269
40936.348	46057.477	30.145	31319.086	24.428
1.021				
12/15/2015 10:15:00 PM	1246500.000	121.368	19.178	273.394
40953.035	46076.336	30.158	31331.910	24.418
1.021				
12/15/2015 10:30:00 PM	1247400.000	121.406	19.179	273.480
40922.855	46041.691	30.133	31308.352	24.436
1.021				
12/15/2015 10:45:00 PM	1248300.000	121.459	19.183	273.599
40942.332	46059.559	30.146	31320.502	24.425
1.021				
12/15/2015 11:00:00 PM	1249200.000	121.529	19.190	273.757
40936.270	46045.840	30.137	31311.172	24.428
1.021				

12/15/2015 11:15:00 PM	1250100.000	121.567	19.182	273.842
40946.871	46065.867	30.151	31324.791	24.422
1.021				
12/15/2015 11:30:00 PM	1251000.000	121.631	19.185	273.985
40954.273	46070.922	30.155	31328.229	24.417
1.021				
12/15/2015 11:45:00 PM	1251900.000	121.657	19.185	274.044
40927.066	46040.570	30.133	31307.588	24.434
1.021				
12/16/2015 12:00:00 AM	1252800.000	121.670	19.188	274.075
40930.496	46042.016	30.134	31308.570	24.432
1.021				
12/16/2015 12:15:00 AM	1253700.000	121.745	19.192	274.242
40965.352	46076.656	30.159	31332.129	24.411
1.021				
12/16/2015 12:30:00 AM	1254600.000	121.790	19.178	274.344
40929.125	46049.434	30.139	31313.615	24.432
1.021				
12/16/2015 12:45:00 AM	1255500.000	121.824	19.182	274.419
40939.051	46057.066	30.144	31318.807	24.427
1.021				
12/16/2015 1:00:00 AM	1256400.000	121.826	19.184	274.426
40925.941	46040.598	30.132	31307.609	24.434
1.021				
12/16/2015 1:15:00 AM	1257300.000	121.891	19.190	274.570
40937.473	46047.539	30.138	31312.328	24.427
1.021				
12/16/2015 1:30:00 AM	1258200.000	121.887	19.184	274.563
40942.172	46058.422	30.146	31319.729	24.425
1.021				
12/16/2015 1:45:00 AM	1259100.000	121.896	19.185	274.582
40933.051	46047.125	30.137	31312.047	24.430
1.021				
12/16/2015 2:00:00 AM	1260000.000	121.943	19.182	274.688
40948.473	46068.023	30.152	31326.258	24.421
1.021				
12/16/2015 2:15:00 AM	1260900.000	121.935	19.188	274.669
40934.988	46046.723	30.137	31311.773	24.429
1.021				
12/16/2015 2:30:00 AM	1261800.000	121.965	19.184	274.739
40924.746	46038.816	30.131	31306.396	24.435
1.021				
12/16/2015 2:45:00 AM	1262700.000	121.933	19.183	274.667
40933.656	46050.230	30.139	31314.158	24.430
1.021				
12/16/2015 3:00:00 AM	1263600.000	121.946	19.191	274.696
40940.969	46050.355	30.140	31314.244	24.425
1.021				
12/16/2015 3:15:00 AM	1264500.000	121.941	19.185	274.683
40920.715	46033.336	30.127	31302.670	24.438
1.021				
12/16/2015 3:30:00 AM	1265400.000	121.945	19.185	274.692
40966.316	46084.727	30.165	31337.615	24.410
1.021				
12/16/2015 3:45:00 AM	1266300.000	121.949	19.181	274.703

40916.680	46033.105	30.127	31302.514	24.440
1.021				
12/16/2015 4:00:00 AM	1267200.000	121.898	19.187	274.586
40911.609	46021.715	30.119	31294.768	24.443
1.021				
12/16/2015 4:15:00 AM	1268100.000	121.938	19.180	274.677
40959.262	46082.230	30.163	31335.920	24.415
1.021				
12/16/2015 4:30:00 AM	1269000.000	121.871	19.186	274.527
40949.582	46064.520	30.150	31323.875	24.420
1.021				
12/16/2015 4:45:00 AM	1269900.000	121.875	19.183	274.535
40927.543	46043.352	30.134	31309.480	24.433
1.021				
12/16/2015 5:00:00 AM	1270800.000	121.850	19.177	274.480
40921.660	46042.242	30.133	31308.725	24.437
1.021				
12/16/2015 5:15:00 AM	1271700.000	121.850	19.185	274.479
40962.738	46080.867	30.162	31334.992	24.412
1.021				
12/16/2015 5:30:00 AM	1272600.000	121.845	19.191	274.468
40942.934	46052.914	30.142	31315.984	24.424
1.021				
12/16/2015 5:45:00 AM	1273500.000	121.825	19.184	274.422
40929.750	46044.965	30.136	31310.578	24.432
1.021				
12/16/2015 6:00:00 AM	1274400.000	121.795	19.185	274.354
40919.453	46031.918	30.126	31301.707	24.438
1.021				
12/16/2015 6:15:00 AM	1275300.000	121.768	19.177	274.293
40940.242	46063.414	30.149	31323.121	24.426
1.021				
12/16/2015 6:30:00 AM	1276200.000	121.752	19.184	274.258
40955.180	46073.488	30.156	31329.973	24.417
1.021				
12/16/2015 6:45:00 AM	1277100.000	121.721	19.185	274.189
40933.918	46048.281	30.138	31312.834	24.430
1.021				
12/16/2015 7:00:00 AM	1278000.000	121.751	19.178	274.255
40909.836	46028.516	30.123	31299.393	24.444
1.021				
12/16/2015 7:15:00 AM	1278900.000	121.721	19.177	274.189
40940.027	46062.992	30.149	31322.838	24.426
1.021				
12/16/2015 7:30:00 AM	1279800.000	121.713	19.184	274.171
40919.191	46032.402	30.127	31302.035	24.438
1.021				
12/16/2015 7:45:00 AM	1280700.000	121.712	19.177	274.168
40929.074	46051.273	30.140	31314.869	24.433
1.021				
12/16/2015 8:00:00 AM	1281600.000	121.745	19.179	274.242
40910.285	46027.730	30.123	31298.859	24.444
1.021				
12/16/2015 8:15:00 AM	1282500.000	121.710	19.181	274.163
40937.336	46055.824	30.143	31317.963	24.428

1.021				
12/16/2015 8:30:00 AM	1283400.000	121.721	19.178	274.189
40940.395	46062.113	30.148	31322.238	24.426
1.021				
12/16/2015 8:45:00 AM	1284300.000	121.729	19.184	274.207
40962.457	46081.504	30.162	31335.424	24.413
1.021				
12/16/2015 9:00:00 AM	1285200.000	121.770	19.179	274.300
40928.500	46048.223	30.138	31312.791	24.433
1.021				
12/16/2015 9:15:00 AM	1286100.000	121.758	19.183	274.272
40939.488	46056.359	30.144	31318.324	24.426
1.021				
12/16/2015 9:30:00 AM	1287000.000	121.784	19.185	274.329
40924.332	46037.238	30.130	31305.324	24.435
1.021				
12/16/2015 9:45:00 AM	1287900.000	121.788	19.176	274.340
40932.051	46054.707	30.142	31317.203	24.431
1.021				
12/16/2015 10:00:00 AM	1288800.000	121.834	19.185	274.444
40934.020	46048.055	30.138	31312.680	24.430
1.021				
12/16/2015 10:15:00 AM	1289700.000	121.859	19.178	274.498
40925.344	46046.047	30.136	31311.314	24.435
1.021				
12/16/2015 10:30:00 AM	1290600.000	121.860	19.183	274.501
40944.281	46062.000	30.148	31322.160	24.423
1.021				
12/16/2015 10:45:00 AM	1291500.000	121.925	19.185	274.648
40957.676	46075.355	30.158	31331.244	24.415
1.021				
12/16/2015 11:00:00 AM	1292400.000	121.930	19.186	274.659
40918.074	46030.020	30.125	31300.414	24.439
1.021				
12/16/2015 11:15:00 AM	1293300.000	121.948	19.180	274.701
40916.867	46034.434	30.128	31303.418	24.440
1.021				
12/16/2015 11:30:00 AM	1294200.000	121.992	19.185	274.799
40942.363	46057.863	30.145	31319.350	24.425
1.021				
12/16/2015 11:45:00 AM	1295100.000	121.993	19.186	274.802
40916.879	46028.246	30.124	31299.207	24.440
1.021				
12/16/2015 12:00:00 PM	1296000.000	122.052	19.185	274.934
40941.102	46056.617	30.144	31318.502	24.425
1.021				
12/16/2015 12:15:00 PM	1296900.000	122.028	19.186	274.880
40948.711	46064.402	30.150	31323.795	24.421
1.021				
12/16/2015 12:30:00 PM	1297800.000	122.070	19.184	274.976
40965.539	46085.398	30.165	31338.072	24.411
1.021				
12/16/2015 12:45:00 PM	1298700.000	122.080	19.185	274.996
40931.660	46045.824	30.136	31311.160	24.431
1.021				

12/16/2015 1:00:00 PM	1299600.000	122.107	19.191	275.059
40923.266	46030.004	30.125	31300.404	24.436
1.021				
12/16/2015 1:15:00 PM	1300500.000	122.077	19.183	274.989
40920.914	46035.629	30.129	31304.230	24.437
1.021				
12/16/2015 1:30:00 PM	1301400.000	122.073	19.187	274.981
40954.508	46069.813	30.154	31327.475	24.417
1.021				
12/16/2015 1:45:00 PM	1302300.000	122.093	19.184	275.025
40947.648	46064.762	30.150	31324.041	24.421
1.021				
12/16/2015 2:00:00 PM	1303200.000	122.026	19.183	274.875
40937.449	46054.578	30.143	31317.113	24.428
1.021				
12/16/2015 2:15:00 PM	1304100.000	122.042	19.185	274.912
40936.293	46050.695	30.140	31314.475	24.428
1.021				
12/16/2015 2:30:00 PM	1305000.000	122.037	19.183	274.900
40933.859	46050.457	30.140	31314.313	24.430
1.021				
12/16/2015 2:45:00 PM	1305900.000	122.035	19.183	274.895
40933.324	46049.766	30.139	31313.844	24.430
1.021				
12/16/2015 3:00:00 PM	1306800.000	121.962	19.185	274.732
40933.074	46047.332	30.137	31312.188	24.430
1.021				
12/16/2015 3:15:00 PM	1307700.000	121.944	19.188	274.690
40941.234	46054.012	30.142	31316.730	24.425
1.021				
12/16/2015 3:30:00 PM	1308600.000	121.927	19.187	274.652
40945.594	46059.090	30.146	31320.184	24.423
1.021				
12/16/2015 3:45:00 PM	1309500.000	121.903	19.192	274.599
40966.371	46077.621	30.160	31332.785	24.410
1.021				
12/16/2015 4:00:00 PM	1310400.000	121.856	19.178	274.493
40937.227	46058.637	30.145	31319.873	24.428
1.021				
12/16/2015 4:15:00 PM	1311300.000	121.798	19.180	274.361
40923.430	46041.734	30.133	31308.381	24.436
1.021				
12/16/2015 4:30:00 PM	1312200.000	121.773	19.185	274.306
40921.285	46034.418	30.128	31303.406	24.437
1.021				
12/16/2015 4:45:00 PM	1313100.000	121.709	19.184	274.160
40935.992	46051.988	30.141	31315.354	24.428
1.021				
12/16/2015 5:00:00 PM	1314000.000	121.679	19.182	274.093
40944.395	46063.078	30.149	31322.893	24.423
1.021				
12/16/2015 5:15:00 PM	1314900.000	121.634	19.181	273.992
40913.891	46030.051	30.125	31300.438	24.442
1.021				
12/16/2015 5:30:00 PM	1315800.000	121.625	19.178	273.972

40916.375	46035.957	30.129	31304.453	24.440
1.021				
12/16/2015 5:45:00 PM	1316700.000	121.541	19.181	273.783
40925.141	46041.941	30.133	31308.521	24.435
1.021				
12/16/2015 6:00:00 PM	1317600.000	121.541	19.174	273.782
40917.223	46040.012	30.132	31307.211	24.440
1.021				
12/16/2015 6:15:00 PM	1318500.000	121.466	19.179	273.615
40924.855	46043.941	30.135	31309.883	24.435
1.021				
12/16/2015 6:30:00 PM	1319400.000	121.442	19.179	273.561
40947.207	46069.090	30.153	31326.982	24.422
1.021				
12/16/2015 6:45:00 PM	1320300.000	121.389	19.173	273.441
40925.098	46050.422	30.139	31314.289	24.435
1.021				
12/16/2015 7:00:00 PM	1321200.000	121.389	19.176	273.440
40934.809	46058.328	30.145	31319.666	24.429
1.021				
12/16/2015 7:15:00 PM	1322100.000	121.336	19.175	273.321
40919.523	46042.078	30.133	31308.615	24.438
1.021				
12/16/2015 7:30:00 PM	1323000.000	121.307	19.169	273.256
40893.418	46018.910	30.116	31292.859	24.454
1.021				
12/16/2015 7:45:00 PM	1323900.000	121.321	19.173	273.288
40914.477	46038.469	30.130	31306.160	24.441
1.021				
12/16/2015 8:00:00 PM	1324800.000	121.269	19.176	273.171
40910.820	46031.418	30.125	31301.367	24.443
1.021				
12/16/2015 8:15:00 PM	1325700.000	121.280	19.177	273.195
40912.309	46031.723	30.126	31301.572	24.443
1.021				
12/16/2015 8:30:00 PM	1326600.000	121.263	19.179	273.157
40913.262	46031.238	30.125	31301.242	24.442
1.021				
12/16/2015 8:45:00 PM	1327500.000	121.289	19.178	273.215
40908.707	46027.328	30.123	31298.586	24.445
1.021				
12/16/2015 9:00:00 PM	1328400.000	121.255	19.178	273.140
40936.426	46058.516	30.145	31319.791	24.428
1.021				
12/16/2015 9:15:00 PM	1329300.000	121.277	19.177	273.188
40944.609	46067.801	30.152	31326.107	24.423
1.021				
12/16/2015 9:30:00 PM	1330200.000	121.335	19.181	273.319
40912.930	46029.063	30.124	31299.764	24.442
1.021				
12/16/2015 9:45:00 PM	1331100.000	121.296	19.182	273.230
40964.852	46086.449	30.166	31338.787	24.411
1.021				
12/16/2015 10:00:00 PM	1332000.000	121.364	19.178	273.384
40909.984	46028.246	30.123	31299.207	24.444

1.021				
12/16/2015 10:15:00 PM	1332900.000	121.357	19.178	273.368
40931.656	46053.066	30.141	31316.088	24.431
1.021				
12/16/2015 10:30:00 PM	1333800.000	121.400	19.177	273.466
40916.188	46036.613	30.129	31304.896	24.440
1.021				
12/16/2015 10:45:00 PM	1334700.000	121.496	19.188	273.681
40932.324	46043.809	30.135	31309.791	24.431
1.021				
12/16/2015 11:00:00 PM	1335600.000	121.494	19.182	273.677
40913.547	46028.637	30.124	31299.475	24.442
1.021				
12/16/2015 11:15:00 PM	1336500.000	121.541	19.182	273.783
40921.621	46037.293	30.130	31305.361	24.437
1.021				
12/16/2015 11:30:00 PM	1337400.000	121.533	19.182	273.766
40956.012	46075.727	30.158	31331.496	24.416
1.021				
12/16/2015 11:45:00 PM	1338300.000	121.619	19.183	273.958
40942.719	46060.332	30.147	31321.027	24.424
1.021				

Report Date: 12/18/2015 1:46:41 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1M Pre Test_2015-12-17_11-06-33-035.wsl
Create Date: 12/17/2015 11:06:31 AM

Device Properties:

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

Log Configuration

Log Name: MPWSP MW-1M Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 3:11:41 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/13/2015 3:15:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 156.688 (ft)
Head Pressure: 69.5587 (PSI)
Temperature: 16.7733 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

Log Notes:

Date and Time	Note
3/13/2015 3:11:52 PM	Used Battery: 2% Used Memory: 12% User Name: nreynolds
3/20/2015 5:51:57 PM	Log Download - Used Battery: 2% Used Memory: 12% User Name: GSSI
3/27/2015 10:00:19 AM	Log Download - Used Battery: 2% Used Memory: 14% User Name: GSSI
4/3/2015 12:22:31 PM	Log Download - Used Battery: 3% Used Memory: 14% User Name: ECrowWillard
4/10/2015 8:22:39 AM	Log Download - Used Battery: 3% Used Memory: 15% User Name: ECrowWillard
4/17/2015 2:08:04 PM	Log Download - Used Battery: 4% Used Memory: 15% User Name: AKieta
4/24/2015 9:58:42 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: ECrowWillard
4/30/2015 11:43:37 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: GSSI
5/7/2015 11:24:52 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: ECrowWillard Interval -
Start Time: 4/30/2015 11:30:00 AM	
5/14/2015 10:26:44 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: BDuarte
5/21/2015 10:35:46 AM	Log Download - Used Battery: 5% Used Memory: 20% User Name: CShaw
5/28/2015 9:52:29 AM	Log Download - Used Battery: 6% Used Memory: 20% User Name: ECrowWillard Interval -
Start Time: 5/7/2015 11:15:00 AM	
6/4/2015 10:37:27 AM	Log Download - Used Battery: 6% Used Memory: 21% User Name: BDuarte
6/11/2015 10:55:44 AM	Log Download - Used Battery: 7% Used Memory: 21% User Name: BDuarte Interval -
Start Time: 6/4/2015 10:30:00 AM	
6/18/2015 8:13:22 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: CShaw
6/25/2015 8:06:01 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: BDuarte Interval - Start
Time: 6/11/2015 10:45:00 AM	
7/2/2015 8:41:38 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: CShaw
7/9/2015 8:06:33 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: BDuarte
7/16/2015 8:24:56 AM	Log Download - Used Battery: 8% Used Memory: 26% User Name: CShaw
7/23/2015 3:41:50 PM	Log Download - Used Battery: 9% Used Memory: 26% User Name: KMakar
7/30/2015 9:50:35 AM	Log Download - Used Battery: 9% Used Memory: 28% User Name: BDuarte Interval - Start
Time: 7/9/2015 8:00:00 AM	
8/6/2015 2:33:15 PM	Log Download - Used Battery: 9% Used Memory: 28% User Name: CShaw Interval - Start
Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM	
8/13/2015 12:48:17 PM	Log Download - Used Battery: 10% Used Memory: 29% User Name: KMakar Interval -
Start Time: 7/23/2015 3:30:00 PM	
8/20/2015 10:00:30 AM	Log Download - Used Battery: 10% Used Memory: 29% User Name: BDuarte Interval -
Start Time: 7/30/2015 9:45:00 AM	
8/27/2015 10:19:59 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: KMakar Interval -
Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM	
9/3/2015 9:02:42 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start
Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM	
9/3/2015 9:05:41 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start
Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM	
9/10/2015 10:55:09 AM	Log Download - Used Battery: 11% Used Memory: 32% User Name: KMakar Interval -
Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:00:00 AM	
9/17/2015 10:25:08 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: KMakar Interval -
Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:30:00 AM	
9/24/2015 8:53:07 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: CShaw Interval - Start
Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 7:40:00 PM	
10/1/2015 1:40:00 PM	Log Download - Used Battery: 12% Used Memory: 35% User Name: KMakar Interval -
Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:45:00 PM	
10/8/2015 9:15:09 AM	Log Download - Used Battery: 13% Used Memory: 35% User Name: CShaw Interval - Start

Time: 9/1/2015 5:30:00 PM Stop Time: 10/8/2015 8:45:00 PM
 10/15/2015 12:40:53 PM Log Download - Used Battery: 13% Used Memory: 37% User Name: KMakar Interval -
 Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 12:45:00 PM
 10/22/2015 11:42:28 AM Log Download - Used Battery: 13% Used Memory: 37% User Name: CShaw Interval -
 Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:30:00 PM
 10/29/2015 2:38:58 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval -
 Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:45:00 PM
 11/5/2015 1:36:34 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval -
 Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 1:45:00 PM
 11/12/2015 9:28:41 AM Log Download - Used Battery: 15% Used Memory: 40% User Name: CShaw Interval -
 Start Time: 10/12/2015 3:05:00 PM Stop Time: 11/12/2015 6:00:00 PM
 11/19/2015 2:48:35 PM Log Download - Used Battery: 15% Used Memory: 40% User Name: KMakar Interval -
 Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:45:00 PM
 11/29/2015 9:07:43 AM Log Download - Used Battery: 15% Used Memory: 42% User Name: CShaw Interval -
 Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 9:00:00 AM
 12/3/2015 10:38:28 AM Log Download - Used Battery: 16% Used Memory: 42% User Name: KMakar Interval -
 Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM
 12/10/2015 8:46:06 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: CShaw Interval -
 Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 8:45:00 AM
 12/17/2015 11:05:36 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: KMakar Interval -
 Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM

Log Data:

Record Count: 1532

Sensors: 1

1 - 395424: 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#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#:
SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#:
395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#:
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	67.810	16.462	152.748	
42278.680	50516.293	33.255	34.351	23.653	
1.024					
12/10/2015 12:15:00 AM	735300.000	67.783	16.463	152.687	
42268.594	50503.738	33.246	34.343	23.658	
1.024					
12/10/2015 12:30:00 AM	736200.000	67.778	16.462	152.677	
42287.840	50527.234	33.263	34.359	23.647	
1.024					
12/10/2015 12:45:00 AM	737100.000	67.779	16.462	152.679	
42302.234	50544.645	33.276	34.370	23.639	
1.024					

12/10/2015 1:00:00 AM 42253.715 1.024	738000.000 50486.164	67.778 33.233	16.463 34.331	152.677 23.667
12/10/2015 1:15:00 AM 42284.141 1.024	738900.000 50522.816	67.773 33.260	16.462 34.356	152.665 23.650
12/10/2015 1:30:00 AM 42287.754 1.024	739800.000 50527.848	67.779 33.264	16.462 34.359	152.680 23.648
12/10/2015 1:45:00 AM 42248.238 1.024	740700.000 50480.223	67.777 33.229	16.462 34.327	152.674 23.670
12/10/2015 2:00:00 AM 42274.555 1.024	741600.000 50511.668	67.769 33.252	16.462 34.348	152.657 23.655
12/10/2015 2:15:00 AM 42287.641 1.024	742500.000 50526.496	67.760 33.263	16.463 34.358	152.636 23.648
12/10/2015 2:30:00 AM 42309.176 1.024	743400.000 50552.828	67.752 33.282	16.462 34.376	152.619 23.636
12/10/2015 2:45:00 AM 42267.328 1.024	744300.000 50502.824	67.761 33.245	16.462 34.342	152.638 23.659
12/10/2015 3:00:00 AM 42233.387 1.024	745200.000 50462.887	67.756 33.216	16.462 34.315	152.627 23.678
12/10/2015 3:15:00 AM 42292.848 1.024	746100.000 50532.922	67.755 33.267	16.463 34.362	152.625 23.645
12/10/2015 3:30:00 AM 42303.414 1.024	747000.000 50546.355	67.761 33.277	16.462 34.372	152.638 23.639
12/10/2015 3:45:00 AM 42279.113 1.024	747900.000 50516.609	67.773 33.256	16.463 34.351	152.666 23.652
12/10/2015 4:00:00 AM 42307.473 1.024	748800.000 50551.207	67.784 33.281	16.462 34.375	152.690 23.636
12/10/2015 4:15:00 AM 42310.180 1.024	749700.000 50554.344	67.757 33.283	16.462 34.377	152.629 23.635
12/10/2015 4:30:00 AM 42268.586 1.024	750600.000 50504.121	67.772 33.246	16.462 34.343	152.663 23.658
12/10/2015 4:45:00 AM 42276.098 1.024	751500.000 50512.590	67.785 33.253	16.463 34.349	152.693 23.654
12/10/2015 5:00:00 AM 42289.625 1.024	752400.000 50529.262	67.784 33.265	16.462 34.360	152.690 23.646
12/10/2015 5:15:00 AM 42276.668 1.024	753300.000 50514.492	67.789 33.254	16.462 34.350	152.701 23.654
12/10/2015 5:30:00 AM	754200.000	67.808	16.462	152.743

42283.672	50523.176	33.260	34.356	23.650
1.024				
12/10/2015 5:45:00 AM	755100.000	67.807	16.461	152.743
42266.953	50503.492	33.246	34.342	23.659
1.024				
12/10/2015 6:00:00 AM	756000.000	67.818	16.462	152.768
42321.082	50567.969	33.293	34.386	23.629
1.024				
12/10/2015 6:15:00 AM	756900.000	67.850	16.461	152.839
42313.926	50559.930	33.287	34.381	23.633
1.024				
12/10/2015 6:30:00 AM	757800.000	67.840	16.462	152.816
42269.715	50506.293	33.248	34.344	23.658
1.024				
12/10/2015 6:45:00 AM	758700.000	67.853	16.461	152.846
42308.094	50552.961	33.282	34.376	23.636
1.024				
12/10/2015 7:00:00 AM	759600.000	67.861	16.461	152.864
42306.309	50551.332	33.281	34.375	23.637
1.024				
12/10/2015 7:15:00 AM	760500.000	67.892	16.461	152.934
42304.301	50548.832	33.279	34.373	23.638
1.024				
12/10/2015 7:30:00 AM	761400.000	67.914	16.461	152.983
42316.809	50563.777	33.290	34.383	23.631
1.024				
12/10/2015 7:45:00 AM	762300.000	67.920	16.460	152.996
42315.734	50563.004	33.289	34.383	23.632
1.024				
12/10/2015 8:00:00 AM	763200.000	67.934	16.460	153.028
42294.785	50538.172	33.271	34.366	23.644
1.024				
12/10/2015 8:15:00 AM	764100.000	67.954	16.460	153.072
42331.449	50582.590	33.304	34.396	23.623
1.024				
12/10/2015 8:30:00 AM	765000.000	67.965	16.460	153.099
42290.859	50533.895	33.268	34.363	23.646
1.024				
12/10/2015 8:45:00 AM	765900.000	67.967	16.460	153.102
42286.914	50529.375	33.265	34.360	23.648
1.024				
12/10/2015 9:00:00 AM	766800.000	67.980	16.459	153.131
42302.422	50548.320	33.279	34.373	23.639
1.024				
12/10/2015 9:15:00 AM	767700.000	68.010	16.459	153.199
42315.203	50564.395	33.290	34.384	23.632
1.024				
12/10/2015 9:30:00 AM	768600.000	68.001	16.458	153.179
42301.336	50548.625	33.279	34.373	23.640
1.024				
12/10/2015 9:45:00 AM	769500.000	68.032	16.458	153.249
42274.555	50516.621	33.255	34.351	23.655
1.024				
12/10/2015 10:00:00 AM	770400.000	68.026	16.457	153.236
42306.023	50554.746	33.283	34.377	23.637

1.024					
12/10/2015 10:15:00 AM	771300.000	68.031	16.458	153.247	
42322.914	50574.727	33.298	34.391	23.628	
1.024					
12/10/2015 10:30:00 AM	772200.000	68.048	16.457	153.284	
42299.609	50547.176	33.278	34.372	23.641	
1.024					
12/10/2015 10:45:00 AM	773100.000	68.036	16.457	153.258	
42269.980	50512.582	33.252	34.349	23.657	
1.024					
12/10/2015 11:00:00 AM	774000.000	68.048	16.456	153.284	
42328.137	50582.598	33.304	34.396	23.625	
1.024					
12/10/2015 11:15:00 AM	774900.000	68.040	16.456	153.268	
42316.246	50568.473	33.293	34.387	23.632	
1.024					
12/10/2015 11:30:00 AM	775800.000	68.044	16.456	153.276	
42323.855	50577.363	33.300	34.393	23.627	
1.024					
12/10/2015 11:45:00 AM	776700.000	68.036	16.456	153.258	
42339.094	50596.086	33.313	34.405	23.619	
1.024					
12/10/2015 12:00:00 PM	777600.000	68.011	16.456	153.201	
42325.793	50579.988	33.302	34.394	23.626	
1.024					
12/10/2015 12:15:00 PM	778500.000	68.009	16.456	153.196	
42338.453	50595.523	33.313	34.405	23.619	
1.024					
12/10/2015 12:30:00 PM	779400.000	67.994	16.456	153.163	
42318.484	50571.457	33.295	34.389	23.630	
1.024					
12/10/2015 12:45:00 PM	780300.000	67.973	16.456	153.117	
42328.418	50583.414	33.304	34.397	23.625	
1.024					
12/10/2015 1:00:00 PM	781200.000	67.957	16.456	153.079	
42340.336	50597.371	33.314	34.406	23.618	
1.024					
12/10/2015 1:15:00 PM	782100.000	67.958	16.456	153.081	
42307.348	50558.461	33.286	34.380	23.637	
1.024					
12/10/2015 1:30:00 PM	783000.000	67.958	16.456	153.082	
42292.590	50540.602	33.273	34.368	23.645	
1.024					
12/10/2015 1:45:00 PM	783900.000	67.916	16.456	152.987	
42301.301	50550.316	33.280	34.374	23.640	
1.024					
12/10/2015 2:00:00 PM	784800.000	67.895	16.457	152.941	
42353.758	50612.695	33.326	34.417	23.611	
1.024					
12/10/2015 2:15:00 PM	785700.000	67.899	16.456	152.949	
42311.898	50562.984	33.289	34.383	23.634	
1.024					
12/10/2015 2:30:00 PM	786600.000	67.880	16.456	152.906	
42272.332	50515.996	33.255	34.351	23.656	
1.024					

12/10/2015 2:45:00 PM 42295.012 1.024	787500.000 50542.598	67.877 33.274	16.456 34.369	152.899 23.643
12/10/2015 3:00:00 PM 42305.871 1.024	788400.000 50555.371	67.857 33.284	16.457 34.378	152.855 23.637
12/10/2015 3:15:00 PM 42316.082 1.024	789300.000 50567.875	67.850 33.293	16.456 34.386	152.838 23.632
12/10/2015 3:30:00 PM 42298.645 1.024	790200.000 50546.238	67.834 33.277	16.457 34.371	152.802 23.641
12/10/2015 3:45:00 PM 42281.266 1.024	791100.000 50525.258	67.835 33.261	16.457 34.357	152.805 23.651
12/10/2015 4:00:00 PM 42315.680 1.024	792000.000 50566.285	67.834 33.292	16.457 34.385	152.804 23.632
12/10/2015 4:15:00 PM 42300.242 1.024	792900.000 50547.527	67.836 33.278	16.458 34.372	152.806 23.641
12/10/2015 4:30:00 PM 42284.309 1.024	793800.000 50528.082	67.815 33.264	16.458 34.359	152.761 23.649
12/10/2015 4:45:00 PM 42314.434 1.024	794700.000 50564.277	67.814 33.290	16.458 34.384	152.757 23.633
12/10/2015 5:00:00 PM 42324.750 1.024	795600.000 50576.410	67.793 33.299	16.458 34.392	152.711 23.627
12/10/2015 5:15:00 PM 42305.629 1.024	796500.000 50553.465	67.790 33.282	16.458 34.376	152.704 23.638
12/10/2015 5:30:00 PM 42309.250 1.024	797400.000 50557.887	67.812 33.286	16.458 34.379	152.752 23.635
12/10/2015 5:45:00 PM 42299.844 1.024	798300.000 50546.145	67.810 33.277	16.458 34.371	152.749 23.641
12/10/2015 6:00:00 PM 42282.523 1.024	799200.000 50525.660	67.797 33.262	16.458 34.357	152.719 23.650
12/10/2015 6:15:00 PM 42295.238 1.024	800100.000 50541.145	67.798 33.273	16.458 34.368	152.721 23.643
12/10/2015 6:30:00 PM 42314.742 1.024	801000.000 50563.746	67.796 33.290	16.459 34.383	152.717 23.632
12/10/2015 6:45:00 PM 42292.363 1.024	801900.000 50536.387	67.793 33.270	16.459 34.365	152.709 23.645
12/10/2015 7:00:00 PM 42348.586 1.024	802800.000 50604.602	67.788 33.320	16.458 34.411	152.700 23.614
12/10/2015 7:15:00 PM	803700.000	67.800	16.459	152.727

42266.895	50506.570	33.248	34.344	23.659
1.024				
12/10/2015 7:30:00 PM	804600.000	67.817	16.458	152.765
42311.641	50560.238	33.287	34.381	23.634
1.024				
12/10/2015 7:45:00 PM	805500.000	67.834	16.458	152.804
42291.414	50536.281	33.270	34.365	23.645
1.024				
12/10/2015 8:00:00 PM	806400.000	67.828	16.459	152.788
42310.574	50558.465	33.286	34.380	23.635
1.024				
12/10/2015 8:15:00 PM	807300.000	67.827	16.459	152.787
42292.883	50537.215	33.270	34.365	23.645
1.024				
12/10/2015 8:30:00 PM	808200.000	67.832	16.459	152.798
42371.695	50631.898	33.340	34.430	23.601
1.024				
12/10/2015 8:45:00 PM	809100.000	67.851	16.458	152.841
42296.020	50541.574	33.274	34.368	23.643
1.024				
12/10/2015 9:00:00 PM	810000.000	67.872	16.458	152.887
42284.129	50528.180	33.264	34.359	23.650
1.024				
12/10/2015 9:15:00 PM	810900.000	67.872	16.458	152.887
42285.094	50529.531	33.265	34.360	23.649
1.024				
12/10/2015 9:30:00 PM	811800.000	67.876	16.458	152.897
42300.523	50547.770	33.278	34.372	23.640
1.024				
12/10/2015 9:45:00 PM	812700.000	67.914	16.458	152.983
42303.535	50550.961	33.280	34.375	23.639
1.024				
12/10/2015 10:00:00 PM	813600.000	67.919	16.457	152.995
42292.660	50538.672	33.271	34.366	23.645
1.024				
12/10/2015 10:15:00 PM	814500.000	67.933	16.457	153.025
42313.551	50564.250	33.290	34.384	23.633
1.024				
12/10/2015 10:30:00 PM	815400.000	67.949	16.458	153.063
42330.027	50583.227	33.304	34.397	23.624
1.024				
12/10/2015 10:45:00 PM	816300.000	68.004	16.457	153.186
42330.879	50585.355	33.306	34.398	23.623
1.024				
12/10/2015 11:00:00 PM	817200.000	67.982	16.457	153.136
42288.953	50535.059	33.269	34.364	23.647
1.024				
12/10/2015 11:15:00 PM	818100.000	68.007	16.456	153.193
42298.930	50547.887	33.278	34.373	23.641
1.024				
12/10/2015 11:30:00 PM	819000.000	68.060	16.456	153.312
42302.129	50552.223	33.281	34.376	23.639
1.024				
12/10/2015 11:45:00 PM	819900.000	68.084	16.455	153.367
42298.336	50547.996	33.278	34.373	23.642

1.024					
12/11/2015 12:00:00 AM	820800.000	68.043	16.455	153.274	
42287.656	50535.531	33.269	34.364	23.648	
1.024					
12/11/2015 12:15:00 AM	821700.000	68.098	16.454	153.397	
42311.246	50564.832	33.290	34.384	23.634	
1.024					
12/11/2015 12:30:00 AM	822600.000	68.125	16.454	153.459	
42304.504	50557.188	33.285	34.379	23.638	
1.024					
12/11/2015 12:45:00 AM	823500.000	68.096	16.453	153.393	
42334.223	50593.004	33.311	34.403	23.622	
1.024					
12/11/2015 1:00:00 AM	824400.000	68.133	16.453	153.476	
42280.254	50529.027	33.264	34.360	23.652	
1.024					
12/11/2015 1:15:00 AM	825300.000	68.145	16.453	153.503	
42328.898	50587.559	33.307	34.400	23.625	
1.024					
12/11/2015 1:30:00 AM	826200.000	68.158	16.451	153.532	
42296.934	50550.668	33.280	34.374	23.642	
1.024					
12/11/2015 1:45:00 AM	827100.000	68.164	16.451	153.547	
42344.285	50607.367	33.321	34.413	23.616	
1.024					
12/11/2015 2:00:00 AM	828000.000	68.161	16.451	153.539	
42319.012	50577.973	33.300	34.393	23.630	
1.024					
12/11/2015 2:15:00 AM	828900.000	68.155	16.451	153.525	
42365.426	50633.137	33.340	34.431	23.604	
1.024					
12/11/2015 2:30:00 AM	829800.000	68.176	16.451	153.573	
42334.551	50596.750	33.314	34.406	23.621	
1.024					
12/11/2015 2:45:00 AM	830700.000	68.196	16.450	153.617	
42294.840	50550.094	33.279	34.374	23.644	
1.024					
12/11/2015 3:00:00 AM	831600.000	68.185	16.450	153.593	
42297.156	50552.863	33.281	34.376	23.642	
1.024					
12/11/2015 3:15:00 AM	832500.000	68.213	16.449	153.657	
42326.938	50589.473	33.308	34.401	23.626	
1.024					
12/11/2015 3:30:00 AM	833400.000	68.249	16.449	153.738	
42308.230	50566.805	33.291	34.385	23.636	
1.024					
12/11/2015 3:45:00 AM	834300.000	68.261	16.449	153.765	
42359.285	50628.336	33.337	34.427	23.608	
1.024					
12/11/2015 4:00:00 AM	835200.000	68.246	16.448	153.732	
42333.367	50597.871	33.314	34.407	23.622	
1.024					
12/11/2015 4:15:00 AM	836100.000	68.278	16.448	153.802	
42337.363	50603.563	33.318	34.410	23.620	
1.024					

12/11/2015 4:30:00 AM 42331.180 1.024	837000.000 50595.969	68.276 33.313	16.448 34.405	153.799 23.623
12/11/2015 4:45:00 AM 42321.566 1.024	837900.000 50584.574	68.280 33.304	16.448 34.398	153.807 23.629
12/11/2015 5:00:00 AM 42335.578 1.024	838800.000 50601.832	68.304 33.317	16.447 34.409	153.860 23.621
12/11/2015 5:15:00 AM 42321.852 1.024	839700.000 50585.832	68.329 33.305	16.447 34.398	153.919 23.628
12/11/2015 5:30:00 AM 42300.297 1.024	840600.000 50561.188	68.331 33.287	16.446 34.382	153.923 23.640
12/11/2015 5:45:00 AM 42307.773 1.024	841500.000 50570.539	68.357 33.294	16.446 34.388	153.982 23.636
12/11/2015 6:00:00 AM 42330.152 1.024	842400.000 50597.078	68.356 33.314	16.446 34.406	153.978 23.624
12/11/2015 6:15:00 AM 42344.582 1.024	843300.000 50614.934	68.398 33.327	16.445 34.418	154.073 23.616
12/11/2015 6:30:00 AM 42308.934 1.024	844200.000 50572.418	68.431 33.295	16.445 34.389	154.147 23.636
12/11/2015 6:45:00 AM 42348.355 1.024	845100.000 50620.559	68.409 33.331	16.444 34.422	154.099 23.614
12/11/2015 7:00:00 AM 42333.879 1.024	846000.000 50603.258	68.448 33.318	16.444 34.410	154.185 23.622
12/11/2015 7:15:00 AM 42359.074 1.024	846900.000 50634.293	68.459 33.341	16.443 34.431	154.212 23.608
12/11/2015 7:30:00 AM 42336.098 1.024	847800.000 50607.938	68.480 33.321	16.442 34.413	154.257 23.621
12/11/2015 7:45:00 AM 42351.129 1.024	848700.000 50625.801	68.555 33.334	16.443 34.426	154.427 23.612
12/11/2015 8:00:00 AM 42313.332 1.024	849600.000 50580.926	68.533 33.301	16.442 34.395	154.376 23.633
12/11/2015 8:15:00 AM 42342.410 1.024	850500.000 50616.605	68.535 33.328	16.441 34.419	154.382 23.617
12/11/2015 8:30:00 AM 42359.266 1.024	851400.000 50637.051	68.613 33.343	16.441 34.433	154.556 23.608
12/11/2015 8:45:00 AM 42362.270 1.024	852300.000 50641.773	68.601 33.346	16.440 34.436	154.531 23.606
12/11/2015 9:00:00 AM	853200.000	68.650	16.440	154.641

42381.641	50665.531	33.363	34.453	23.595
1.024				
12/11/2015 9:15:00 AM	854100.000	68.634	16.439	154.604
42373.395	50656.590	33.357	34.446	23.600
1.024				
12/11/2015 9:30:00 AM	855000.000	68.682	16.438	154.712
42337.070	50613.676	33.325	34.417	23.620
1.024				
12/11/2015 9:45:00 AM	855900.000	68.683	16.438	154.715
42370.238	50653.629	33.355	34.444	23.601
1.024				
12/11/2015 10:00:00 AM	856800.000	68.697	16.437	154.748
42365.113	50648.719	33.351	34.441	23.604
1.024				
12/11/2015 10:15:00 AM	857700.000	68.718	16.437	154.794
42328.660	50605.234	33.319	34.412	23.625
1.024				
12/11/2015 10:30:00 AM	858600.000	68.723	16.437	154.805
42366.520	50651.113	33.353	34.443	23.604
1.024				
12/11/2015 10:45:00 AM	859500.000	68.724	16.436	154.808
42334.957	50613.883	33.325	34.417	23.621
1.024				
12/11/2015 11:00:00 AM	860400.000	68.746	16.436	154.857
42350.738	50633.156	33.339	34.431	23.612
1.024				
12/11/2015 11:15:00 AM	861300.000	68.729	16.435	154.818
42387.199	50677.152	33.372	34.460	23.592
1.024				
12/11/2015 11:30:00 AM	862200.000	68.715	16.435	154.787
42370.629	50658.055	33.358	34.447	23.601
1.024				
12/11/2015 11:45:00 AM	863100.000	68.703	16.435	154.760
42325.961	50604.754	33.318	34.411	23.626
1.024				
12/11/2015 12:00:00 PM	864000.000	68.711	16.435	154.777
42351.730	50635.461	33.341	34.432	23.612
1.024				
12/11/2015 12:15:00 PM	864900.000	68.715	16.434	154.787
42358.387	50644.340	33.347	34.438	23.608
1.024				
12/11/2015 12:30:00 PM	865800.000	68.695	16.434	154.743
42339.551	50621.617	33.331	34.423	23.619
1.024				
12/11/2015 12:45:00 PM	866700.000	68.716	16.434	154.790
42342.367	50624.867	33.333	34.425	23.617
1.024				
12/11/2015 1:00:00 PM	867600.000	68.674	16.434	154.696
42378.984	50668.648	33.365	34.455	23.597
1.024				
12/11/2015 1:15:00 PM	868500.000	68.662	16.434	154.667
42339.293	50621.309	33.331	34.422	23.619
1.024				
12/11/2015 1:30:00 PM	869400.000	68.637	16.434	154.612
42365.035	50651.969	33.353	34.443	23.604

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12/11/2015 1:45:00 PM	870300.000	68.630	16.435	154.596	
42369.621	50657.055	33.357	34.447	23.602	
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12/11/2015 2:00:00 PM	871200.000	68.595	16.435	154.516	
42345.195	50627.648	33.335	34.427	23.615	
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12/11/2015 2:15:00 PM	872100.000	68.580	16.434	154.483	
42346.621	50630.070	33.337	34.428	23.615	
1.024					
12/11/2015 2:30:00 PM	873000.000	68.583	16.435	154.489	
42329.738	50608.859	33.321	34.414	23.624	
1.024					
12/11/2015 2:45:00 PM	873900.000	68.545	16.435	154.404	
42340.270	50621.160	33.330	34.422	23.618	
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12/11/2015 3:00:00 PM	874800.000	68.527	16.435	154.364	
42352.715	50636.129	33.342	34.433	23.611	
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12/11/2015 3:15:00 PM	875700.000	68.518	16.436	154.344	
42375.305	50662.527	33.361	34.451	23.599	
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12/11/2015 3:30:00 PM	876600.000	68.484	16.436	154.267	
42347.348	50629.199	33.336	34.428	23.614	
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12/11/2015 3:45:00 PM	877500.000	68.467	16.436	154.229	
42369.523	50655.102	33.356	34.445	23.602	
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12/11/2015 4:00:00 PM	878400.000	68.443	16.437	154.175	
42342.395	50622.070	33.331	34.423	23.617	
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12/11/2015 4:15:00 PM	879300.000	68.429	16.437	154.142	
42342.285	50622.023	33.331	34.423	23.617	
1.024					
12/11/2015 4:30:00 PM	880200.000	68.391	16.437	154.058	
42351.457	50632.191	33.339	34.430	23.612	
1.024					
12/11/2015 4:45:00 PM	881100.000	68.422	16.437	154.127	
42341.785	50620.625	33.330	34.422	23.617	
1.024					
12/11/2015 5:00:00 PM	882000.000	68.403	16.438	154.084	
42333.719	50610.781	33.323	34.415	23.622	
1.024					
12/11/2015 5:15:00 PM	882900.000	68.377	16.437	154.025	
42351.949	50632.875	33.339	34.430	23.612	
1.024					
12/11/2015 5:30:00 PM	883800.000	68.391	16.438	154.057	
42338.656	50616.172	33.327	34.419	23.619	
1.024					
12/11/2015 5:45:00 PM	884700.000	68.376	16.438	154.023	
42333.707	50609.859	33.322	34.415	23.622	
1.024					
12/11/2015 6:00:00 PM	885600.000	68.372	16.438	154.015	
42330.664	50606.020	33.320	34.412	23.624	
1.024					

12/11/2015 6:15:00 PM 42320.109 1.024	886500.000 50593.285	68.357 33.310	16.439 34.403	153.981 23.629
12/11/2015 6:30:00 PM 42342.641 1.024	887400.000 50620.336	68.357 33.330	16.438 34.422	153.982 23.617
12/11/2015 6:45:00 PM 42339.699 1.024	888300.000 50616.406	68.369 33.327	16.439 34.419	154.009 23.618
12/11/2015 7:00:00 PM 42384.000 1.024	889200.000 50668.555	68.344 33.366	16.440 34.455	153.951 23.594
12/11/2015 7:15:00 PM 42317.293 1.024	890100.000 50589.117	68.342 33.307	16.439 34.401	153.946 23.631
12/11/2015 7:30:00 PM 42324.719 1.024	891000.000 50598.496	68.352 33.314	16.439 34.407	153.969 23.627
12/11/2015 7:45:00 PM 42333.199 1.024	891900.000 50608.848	68.337 33.322	16.439 34.414	153.935 23.622
12/11/2015 8:00:00 PM 42334.926 1.024	892800.000 50610.398	68.357 33.323	16.439 34.415	153.982 23.621
12/11/2015 8:15:00 PM 42373.352 1.024	893700.000 50656.336	68.350 33.357	16.439 34.446	153.964 23.600
12/11/2015 8:30:00 PM 42337.566 1.024	894600.000 50613.758	68.382 33.325	16.439 34.417	154.036 23.620
12/11/2015 8:45:00 PM 42330.117 1.024	895500.000 50604.852	68.381 33.319	16.439 34.411	154.036 23.624
12/11/2015 9:00:00 PM 42358.109 1.024	896400.000 50638.211	68.385 33.343	16.439 34.434	154.045 23.608
12/11/2015 9:15:00 PM 42329.996 1.024	897300.000 50604.805	68.373 33.319	16.439 34.411	154.017 23.624
12/11/2015 9:30:00 PM 42349.031 1.024	898200.000 50627.563	68.442 33.335	16.439 34.427	154.172 23.613
12/11/2015 9:45:00 PM 42360.367 1.024	899100.000 50640.707	68.457 33.345	16.439 34.436	154.207 23.607
12/11/2015 10:00:00 PM 42341.938 1.024	900000.000 50619.699	68.419 33.330	16.438 34.421	154.120 23.617
12/11/2015 10:15:00 PM 42360.258 1.024	900900.000 50641.695	68.423 33.346	16.438 34.436	154.130 23.607
12/11/2015 10:30:00 PM 42361.801 1.024	901800.000 50644.152	68.437 33.348	16.438 34.438	154.162 23.606
12/11/2015 10:45:00 PM	902700.000	68.440	16.438	154.168

42308.574	50580.305	33.301	34.395	23.636
1.024				
12/11/2015 11:00:00 PM	903600.000	68.492	16.438	154.284
42363.441	50645.707	33.349	34.439	23.605
1.024				
12/11/2015 11:15:00 PM	904500.000	68.501	16.438	154.306
42310.523	50582.848	33.302	34.396	23.635
1.024				
12/11/2015 11:30:00 PM	905400.000	68.495	16.438	154.293
42332.336	50609.020	33.322	34.414	23.623
1.024				
12/11/2015 11:45:00 PM	906300.000	68.502	16.437	154.308
42364.789	50648.844	33.351	34.441	23.605
1.024				
12/12/2015 12:00:00 AM	907200.000	68.531	16.436	154.373
42387.219	50675.949	33.371	34.460	23.592
1.024				
12/12/2015 12:15:00 AM	908100.000	68.551	16.436	154.417
42345.293	50626.336	33.334	34.426	23.615
1.024				
12/12/2015 12:30:00 AM	909000.000	68.559	16.436	154.436
42341.410	50621.695	33.331	34.423	23.618
1.024				
12/12/2015 12:45:00 AM	909900.000	68.526	16.436	154.362
42387.496	50676.699	33.371	34.460	23.592
1.024				
12/12/2015 1:00:00 AM	910800.000	68.537	16.436	154.387
42364.340	50649.418	33.351	34.442	23.605
1.024				
12/12/2015 1:15:00 AM	911700.000	68.579	16.436	154.480
42408.777	50702.441	33.390	34.478	23.580
1.024				
12/12/2015 1:30:00 AM	912600.000	68.510	16.435	154.325
42349.313	50632.262	33.339	34.430	23.613
1.024				
12/12/2015 1:45:00 AM	913500.000	68.526	16.435	154.361
42345.094	50627.016	33.335	34.426	23.615
1.024				
12/12/2015 2:00:00 AM	914400.000	68.533	16.435	154.377
42351.285	50634.215	33.340	34.431	23.612
1.024				
12/12/2015 2:15:00 AM	915300.000	68.517	16.435	154.342
42329.668	50608.367	33.321	34.414	23.624
1.024				
12/12/2015 2:30:00 AM	916200.000	68.533	16.435	154.377
42317.547	50594.391	33.311	34.404	23.631
1.024				
12/12/2015 2:45:00 AM	917100.000	68.523	16.436	154.355
42341.730	50622.387	33.331	34.423	23.617
1.024				
12/12/2015 3:00:00 AM	918000.000	68.541	16.435	154.395
42343.184	50624.840	33.333	34.425	23.617
1.024				
12/12/2015 3:15:00 AM	918900.000	68.517	16.435	154.341
42316.883	50593.492	33.310	34.404	23.631

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12/12/2015 3:30:00 AM	919800.000	68.527	16.434	154.363	
42333.270	50613.992	33.325	34.418	23.622	
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12/12/2015 3:45:00 AM	920700.000	68.510	16.435	154.326	
42375.578	50664.180	33.362	34.452	23.598	
1.024					
12/12/2015 4:00:00 AM	921600.000	68.520	16.435	154.347	
42350.828	50634.074	33.340	34.431	23.612	
1.024					
12/12/2015 4:15:00 AM	922500.000	68.530	16.435	154.370	
42349.895	50633.367	33.339	34.431	23.613	
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12/12/2015 4:30:00 AM	923400.000	68.499	16.435	154.300	
42321.207	50598.969	33.314	34.407	23.629	
1.024					
12/12/2015 4:45:00 AM	924300.000	68.525	16.435	154.358	
42373.316	50661.371	33.360	34.450	23.600	
1.024					
12/12/2015 5:00:00 AM	925200.000	68.531	16.435	154.373	
42329.457	50608.738	33.321	34.414	23.624	
1.024					
12/12/2015 5:15:00 AM	926100.000	68.516	16.435	154.340	
42311.543	50587.414	33.306	34.399	23.634	
1.024					
12/12/2015 5:30:00 AM	927000.000	68.559	16.435	154.437	
42344.371	50626.867	33.335	34.426	23.616	
1.024					
12/12/2015 5:45:00 AM	927900.000	68.550	16.434	154.417	
42355.223	50640.238	33.344	34.435	23.610	
1.024					
12/12/2015 6:00:00 AM	928800.000	68.548	16.434	154.411	
42349.629	50633.867	33.340	34.431	23.613	
1.024					
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42354.797	50639.934	33.344	34.435	23.610	
1.024					
12/12/2015 6:30:00 AM	930600.000	68.561	16.434	154.440	
42367.617	50655.773	33.356	34.446	23.603	
1.024					
12/12/2015 6:45:00 AM	931500.000	68.584	16.434	154.492	
42383.895	50674.934	33.370	34.459	23.594	
1.024					
12/12/2015 7:00:00 AM	932400.000	68.600	16.433	154.529	
42339.813	50622.848	33.332	34.424	23.618	
1.024					
12/12/2015 7:15:00 AM	933300.000	68.595	16.433	154.516	
42345.066	50629.324	33.336	34.428	23.616	
1.024					
12/12/2015 7:30:00 AM	934200.000	68.618	16.433	154.568	
42363.172	50650.672	33.352	34.442	23.605	
1.024					
12/12/2015 7:45:00 AM	935100.000	68.630	16.433	154.595	
42321.809	50601.918	33.316	34.409	23.628	
1.024					

12/12/2015 8:00:00 AM	936000.000	68.637	16.433	154.611
42366.766	50655.980	33.356	34.446	23.603
1.024				
12/12/2015 8:15:00 AM	936900.000	68.652	16.432	154.646
42348.629	50634.805	33.340	34.432	23.614
1.024				
12/12/2015 8:30:00 AM	937800.000	68.672	16.432	154.689
42385.332	50678.984	33.373	34.462	23.593
1.024				
12/12/2015 8:45:00 AM	938700.000	68.696	16.432	154.745
42372.941	50664.484	33.362	34.452	23.600
1.024				
12/12/2015 9:00:00 AM	939600.000	68.694	16.431	154.739
42357.840	50646.727	33.349	34.440	23.608
1.024				
12/12/2015 9:15:00 AM	940500.000	68.704	16.430	154.763
42343.094	50630.113	33.337	34.428	23.617
1.024				
12/12/2015 9:30:00 AM	941400.000	68.711	16.430	154.778
42340.508	50627.223	33.335	34.427	23.618
1.024				
12/12/2015 9:45:00 AM	942300.000	68.740	16.430	154.844
42340.711	50627.773	33.335	34.427	23.618
1.024				
12/12/2015 10:00:00 AM	943200.000	68.725	16.430	154.811
42340.379	50627.070	33.334	34.426	23.618
1.024				
12/12/2015 10:15:00 AM	944100.000	68.753	16.430	154.872
42374.281	50668.324	33.365	34.454	23.599
1.024				
12/12/2015 10:30:00 AM	945000.000	68.739	16.429	154.842
42375.879	50670.746	33.367	34.456	23.598
1.024				
12/12/2015 10:45:00 AM	945900.000	68.770	16.429	154.910
42353.871	50644.516	33.347	34.438	23.611
1.024				
12/12/2015 11:00:00 AM	946800.000	68.738	16.428	154.838
42360.422	50653.375	33.354	34.444	23.607
1.024				
12/12/2015 11:15:00 AM	947700.000	68.753	16.428	154.874
42364.539	50658.703	33.358	34.448	23.605
1.024				
12/12/2015 11:30:00 AM	948600.000	68.775	16.428	154.923
42352.266	50643.727	33.347	34.438	23.611
1.024				
12/12/2015 11:45:00 AM	949500.000	68.739	16.428	154.842
42343.293	50633.094	33.339	34.431	23.616
1.024				
12/12/2015 12:00:00 PM	950400.000	68.745	16.428	154.855
42367.602	50662.363	33.360	34.450	23.603
1.024				
12/12/2015 12:15:00 PM	951300.000	68.738	16.427	154.840
42379.727	50677.676	33.372	34.461	23.596
1.024				
12/12/2015 12:30:00 PM	952200.000	68.718	16.428	154.794

42367.207	50662.008	33.360	34.450	23.603
1.024				
12/12/2015 12:45:00 PM	953100.000	68.731	16.427	154.824
42404.188	50706.828	33.393	34.481	23.583
1.024				
12/12/2015 1:00:00 PM	954000.000	68.707	16.427	154.770
42334.430	50623.211	33.331	34.424	23.621
1.024				
12/12/2015 1:15:00 PM	954900.000	68.684	16.428	154.718
42365.156	50659.555	33.358	34.448	23.604
1.024				
12/12/2015 1:30:00 PM	955800.000	68.687	16.428	154.723
42358.398	50651.672	33.352	34.443	23.608
1.024				
12/12/2015 1:45:00 PM	956700.000	68.662	16.428	154.667
42356.250	50648.992	33.350	34.441	23.609
1.024				
12/12/2015 2:00:00 PM	957600.000	68.638	16.428	154.614
42366.434	50660.766	33.359	34.449	23.604
1.024				
12/12/2015 2:15:00 PM	958500.000	68.619	16.428	154.570
42361.410	50655.367	33.355	34.446	23.606
1.024				
12/12/2015 2:30:00 PM	959400.000	68.603	16.428	154.534
42331.273	50618.828	33.328	34.421	23.623
1.024				
12/12/2015 2:45:00 PM	960300.000	68.561	16.429	154.440
42355.906	50647.461	33.349	34.440	23.609
1.024				
12/12/2015 3:00:00 PM	961200.000	68.555	16.429	154.427
42348.762	50638.719	33.343	34.434	23.613
1.024				
12/12/2015 3:15:00 PM	962100.000	68.516	16.429	154.339
42362.086	50654.453	33.355	34.445	23.606
1.024				
12/12/2015 3:30:00 PM	963000.000	68.488	16.430	154.276
42359.910	50651.340	33.352	34.443	23.607
1.024				
12/12/2015 3:45:00 PM	963900.000	68.455	16.430	154.202
42362.402	50654.215	33.354	34.445	23.606
1.024				
12/12/2015 4:00:00 PM	964800.000	68.437	16.430	154.162
42340.961	50628.074	33.335	34.427	23.618
1.024				
12/12/2015 4:15:00 PM	965700.000	68.430	16.430	154.145
42366.152	50658.602	33.358	34.448	23.604
1.024				
12/12/2015 4:30:00 PM	966600.000	68.383	16.431	154.040
42319.293	50601.449	33.316	34.409	23.630
1.024				
12/12/2015 4:45:00 PM	967500.000	68.395	16.431	154.067
42360.629	50650.875	33.352	34.443	23.607
1.024				
12/12/2015 5:00:00 PM	968400.000	68.354	16.431	153.974
42326.895	50609.941	33.322	34.415	23.626

1.024				
12/12/2015 5:15:00 PM	969300.000	68.361	16.431	153.990
42348.816	50636.035	33.341	34.433	23.613
1.024				
12/12/2015 5:30:00 PM	970200.000	68.329	16.431	153.919
42328.496	50611.547	33.323	34.416	23.625
1.024				
12/12/2015 5:45:00 PM	971100.000	68.323	16.432	153.904
42345.645	50631.027	33.338	34.429	23.615
1.024				
12/12/2015 6:00:00 PM	972000.000	68.303	16.433	153.860
42334.359	50617.234	33.327	34.420	23.621
1.024				
12/12/2015 6:15:00 PM	972900.000	68.299	16.433	153.850
42369.594	50659.168	33.358	34.448	23.602
1.024				
12/12/2015 6:30:00 PM	973800.000	68.273	16.433	153.791
42323.090	50603.160	33.317	34.410	23.628
1.024				
12/12/2015 6:45:00 PM	974700.000	68.285	16.433	153.819
42341.629	50625.113	33.333	34.425	23.617
1.024				
12/12/2015 7:00:00 PM	975600.000	68.258	16.434	153.758
42359.004	50645.383	33.348	34.439	23.608
1.024				
12/12/2015 7:15:00 PM	976500.000	68.255	16.434	153.751
42326.840	50606.816	33.320	34.413	23.626
1.024				
12/12/2015 7:30:00 PM	977400.000	68.245	16.434	153.728
42370.160	50658.512	33.358	34.448	23.602
1.024				
12/12/2015 7:45:00 PM	978300.000	68.236	16.434	153.708
42355.938	50641.297	33.345	34.436	23.609
1.024				
12/12/2015 8:00:00 PM	979200.000	68.256	16.434	153.753
42316.699	50594.496	33.311	34.404	23.631
1.024				
12/12/2015 8:15:00 PM	980100.000	68.252	16.434	153.745
42335.117	50616.199	33.327	34.419	23.621
1.024				
12/12/2015 8:30:00 PM	981000.000	68.245	16.434	153.728
42288.887	50561.438	33.286	34.382	23.647
1.024				
12/12/2015 8:45:00 PM	981900.000	68.249	16.435	153.738
42352.902	50637.164	33.342	34.433	23.611
1.024				
12/12/2015 9:00:00 PM	982800.000	68.248	16.435	153.736
42349.320	50632.883	33.339	34.430	23.613
1.024				
12/12/2015 9:15:00 PM	983700.000	68.252	16.435	153.745
42311.691	50587.797	33.306	34.400	23.634
1.024				
12/12/2015 9:30:00 PM	984600.000	68.283	16.434	153.815
42348.703	50632.355	33.339	34.430	23.613
1.024				

12/12/2015 9:45:00 PM	985500.000	68.268	16.434	153.780
42355.488	50640.363	33.345	34.435	23.610
1.024				
12/12/2015 10:00:00 PM	986400.000	68.274	16.435	153.794
42342.293	50624.176	33.333	34.424	23.617
1.024				
12/12/2015 10:15:00 PM	987300.000	68.280	16.435	153.807
42312.938	50589.383	33.307	34.401	23.633
1.024				
12/12/2015 10:30:00 PM	988200.000	68.289	16.435	153.827
42313.129	50589.410	33.307	34.401	23.633
1.024				
12/12/2015 10:45:00 PM	989100.000	68.286	16.434	153.822
42330.684	50610.703	33.323	34.415	23.624
1.024				
12/12/2015 11:00:00 PM	990000.000	68.299	16.434	153.850
42338.008	50619.461	33.329	34.421	23.619
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42332.910	50613.676	33.325	34.417	23.622
1.024				
12/12/2015 11:30:00 PM	991800.000	68.303	16.434	153.860
42349.973	50634.473	33.340	34.431	23.613
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12/12/2015 11:45:00 PM	992700.000	68.321	16.434	153.900
42308.676	50584.703	33.304	34.398	23.636
1.024				
12/13/2015 12:00:00 AM	993600.000	68.321	16.434	153.899
42340.563	50622.516	33.331	34.423	23.618
1.024				
12/13/2015 12:15:00 AM	994500.000	68.340	16.434	153.943
42320.605	50599.363	33.314	34.408	23.629
1.024				
12/13/2015 12:30:00 AM	995400.000	68.338	16.434	153.938
42350.012	50634.422	33.340	34.431	23.613
1.024				
12/13/2015 12:45:00 AM	996300.000	68.328	16.434	153.916
42341.703	50624.789	33.333	34.425	23.617
1.024				
12/13/2015 1:00:00 AM	997200.000	68.330	16.434	153.919
42369.973	50658.289	33.358	34.448	23.602
1.024				
12/13/2015 1:15:00 AM	998100.000	68.317	16.433	153.892
42336.496	50618.777	33.329	34.421	23.620
1.024				
12/13/2015 1:30:00 AM	999000.000	68.317	16.433	153.891
42334.258	50616.398	33.327	34.419	23.622
1.024				
12/13/2015 1:45:00 AM	999900.000	68.323	16.434	153.904
42326.938	50607.137	33.320	34.413	23.626
1.024				
12/13/2015 2:00:00 AM	1000800.000	68.318	16.434	153.893
42334.309	50615.746	33.326	34.419	23.622
1.024				
12/13/2015 2:15:00 AM	1001700.000	68.303	16.433	153.860

42360.324	50647.469	33.350	34.440	23.607
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42325.531	50605.867	33.319	34.412	23.626
1.024				
12/13/2015 2:45:00 AM	1003500.000	68.288	16.433	153.825
42346.707	50630.984	33.338	34.429	23.615
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12/13/2015 3:00:00 AM	1004400.000	68.281	16.433	153.809
42341.426	50624.969	33.333	34.425	23.618
1.024				
12/13/2015 3:15:00 AM	1005300.000	68.280	16.433	153.806
42311.957	50590.254	33.308	34.401	23.634
1.024				
12/13/2015 3:30:00 AM	1006200.000	68.291	16.433	153.832
42362.523	50650.398	33.352	34.442	23.606
1.024				
12/13/2015 3:45:00 AM	1007100.000	68.278	16.433	153.804
42339.891	50623.246	33.332	34.424	23.618
1.024				
12/13/2015 4:00:00 AM	1008000.000	68.276	16.433	153.799
42348.906	50634.629	33.340	34.432	23.613
1.024				
12/13/2015 4:15:00 AM	1008900.000	68.263	16.433	153.770
42356.047	50642.563	33.346	34.437	23.609
1.024				
12/13/2015 4:30:00 AM	1009800.000	68.270	16.433	153.786
42329.516	50610.930	33.323	34.415	23.624
1.024				
12/13/2015 4:45:00 AM	1010700.000	68.276	16.433	153.799
42352.641	50638.695	33.343	34.434	23.611
1.024				
12/13/2015 5:00:00 AM	1011600.000	68.264	16.433	153.771
42333.395	50615.480	33.326	34.419	23.622
1.024				
12/13/2015 5:15:00 AM	1012500.000	68.263	16.433	153.770
42375.805	50666.074	33.363	34.453	23.598
1.024				
12/13/2015 5:30:00 AM	1013400.000	68.261	16.433	153.764
42342.262	50626.172	33.334	34.426	23.617
1.024				
12/13/2015 5:45:00 AM	1014300.000	68.256	16.433	153.753
42364.617	50652.809	33.354	34.444	23.605
1.024				
12/13/2015 6:00:00 AM	1015200.000	68.261	16.433	153.764
42358.496	50645.492	33.348	34.439	23.608
1.024				
12/13/2015 6:15:00 AM	1016100.000	68.270	16.433	153.785
42374.395	50664.910	33.363	34.452	23.599
1.024				
12/13/2015 6:30:00 AM	1017000.000	68.277	16.433	153.800
42336.387	50619.348	33.329	34.421	23.620
1.024				
12/13/2015 6:45:00 AM	1017900.000	68.273	16.433	153.792
42349.164	50634.332	33.340	34.431	23.613

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12/13/2015 7:00:00 AM	1018800.000	68.278	16.433	153.802
42360.504	50647.781	33.350	34.440	23.607
1.024				
12/13/2015 7:15:00 AM	1019700.000	68.273	16.433	153.792
42310.496	50587.988	33.306	34.400	23.635
1.024				
12/13/2015 7:30:00 AM	1020600.000	68.287	16.433	153.823
42312.594	50590.398	33.308	34.401	23.634
1.024				
12/13/2015 7:45:00 AM	1021500.000	68.301	16.433	153.855
42328.176	50609.738	33.322	34.415	23.625
1.024				
12/13/2015 8:00:00 AM	1022400.000	68.305	16.433	153.865
42350.012	50635.754	33.341	34.432	23.613
1.024				
12/13/2015 8:15:00 AM	1023300.000	68.329	16.433	153.919
42321.367	50601.305	33.316	34.409	23.629
1.024				
12/13/2015 8:30:00 AM	1024200.000	68.347	16.432	153.957
42330.887	50613.383	33.325	34.417	23.623
1.024				
12/13/2015 8:45:00 AM	1025100.000	68.360	16.432	153.988
42329.461	50611.781	33.323	34.416	23.624
1.024				
12/13/2015 9:00:00 AM	1026000.000	68.355	16.432	153.977
42319.301	50599.840	33.315	34.408	23.630
1.024				
12/13/2015 9:15:00 AM	1026900.000	68.380	16.432	154.033
42343.531	50629.418	33.336	34.428	23.616
1.024				
12/13/2015 9:30:00 AM	1027800.000	68.387	16.432	154.049
42347.980	50634.738	33.340	34.432	23.614
1.024				
12/13/2015 9:45:00 AM	1028700.000	68.397	16.431	154.072
42349.672	50637.176	33.342	34.433	23.613
1.024				
12/13/2015 10:00:00 AM	1029600.000	68.412	16.431	154.104
42346.824	50634.270	33.340	34.431	23.615
1.024				
12/13/2015 10:15:00 AM	1030500.000	68.432	16.431	154.151
42331.527	50615.887	33.326	34.419	23.623
1.024				
12/13/2015 10:30:00 AM	1031400.000	68.448	16.430	154.185
42345.930	50633.598	33.339	34.431	23.615
1.024				
12/13/2015 10:45:00 AM	1032300.000	68.464	16.430	154.221
42364.547	50656.273	33.356	34.446	23.605
1.024				
12/13/2015 11:00:00 AM	1033200.000	68.448	16.430	154.185
42353.641	50643.844	33.347	34.438	23.611
1.024				
12/13/2015 11:15:00 AM	1034100.000	68.451	16.428	154.193
42322.426	50607.844	33.320	34.413	23.628
1.024				

12/13/2015 11:30:00 AM	1035000.000	68.475	16.429	154.247
42306.332	50587.875	33.306	34.400	23.637
1.024				
12/13/2015 11:45:00 AM	1035900.000	68.471	16.428	154.238
42286.500	50564.883	33.289	34.384	23.648
1.024				
12/13/2015 12:00:00 PM	1036800.000	68.480	16.428	154.257
42334.027	50621.617	33.330	34.423	23.622
1.024				
12/13/2015 12:15:00 PM	1037700.000	68.470	16.429	154.236
42372.547	50667.477	33.364	34.454	23.600
1.024				
12/13/2015 12:30:00 PM	1038600.000	68.492	16.428	154.286
42342.203	50632.195	33.338	34.430	23.617
1.024				
12/13/2015 12:45:00 PM	1039500.000	68.472	16.428	154.241
42332.891	50621.059	33.330	34.422	23.622
1.024				
12/13/2015 1:00:00 PM	1040400.000	68.459	16.427	154.211
42315.977	50601.348	33.315	34.409	23.632
1.024				
12/13/2015 1:15:00 PM	1041300.000	68.475	16.428	154.246
42345.828	50636.531	33.341	34.433	23.615
1.024				
12/13/2015 1:30:00 PM	1042200.000	68.450	16.427	154.190
42337.969	50627.645	33.335	34.427	23.619
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12/13/2015 1:45:00 PM	1043100.000	68.425	16.428	154.134
42324.566	50611.105	33.323	34.416	23.627
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12/13/2015 2:00:00 PM	1044000.000	68.416	16.427	154.113
42335.340	50624.500	33.332	34.425	23.621
1.024				
12/13/2015 2:15:00 PM	1044900.000	68.408	16.427	154.096
42330.504	50618.613	33.328	34.421	23.624
1.024				
12/13/2015 2:30:00 PM	1045800.000	68.381	16.428	154.034
42329.484	50616.988	33.327	34.420	23.624
1.024				
12/13/2015 2:45:00 PM	1046700.000	68.361	16.428	153.990
42352.152	50644.008	33.347	34.438	23.612
1.024				
12/13/2015 3:00:00 PM	1047600.000	68.338	16.428	153.938
42339.148	50628.340	33.335	34.427	23.619
1.024				
12/13/2015 3:15:00 PM	1048500.000	68.316	16.428	153.887
42325.852	50611.938	33.323	34.416	23.626
1.024				
12/13/2015 3:30:00 PM	1049400.000	68.291	16.428	153.832
42330.203	50617.145	33.327	34.420	23.624
1.024				
12/13/2015 3:45:00 PM	1050300.000	68.262	16.429	153.766
42323.434	50608.633	33.321	34.414	23.628
1.024				
12/13/2015 4:00:00 PM	1051200.000	68.243	16.429	153.723

42321.613	50605.645	33.319	34.412	23.629
1.024				
12/13/2015 4:15:00 PM	1052100.000	68.214	16.429	153.658
42342.852	50631.039	33.337	34.429	23.617
1.024				
12/13/2015 4:30:00 PM	1053000.000	68.194	16.430	153.613
42334.539	50620.484	33.330	34.422	23.621
1.024				
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42336.035	50622.688	33.331	34.423	23.621
1.024				
12/13/2015 5:00:00 PM	1054800.000	68.148	16.430	153.509
42331.328	50616.555	33.327	34.419	23.623
1.024				
12/13/2015 5:15:00 PM	1055700.000	68.124	16.430	153.456
42348.629	50637.039	33.342	34.433	23.614
1.024				
12/13/2015 5:30:00 PM	1056600.000	68.101	16.430	153.403
42339.000	50625.219	33.333	34.425	23.619
1.024				
12/13/2015 5:45:00 PM	1057500.000	68.094	16.431	153.389
42311.727	50591.805	33.309	34.402	23.634
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42328.102	50611.586	33.323	34.416	23.625
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12/13/2015 6:15:00 PM	1059300.000	68.054	16.431	153.298
42301.266	50579.180	33.299	34.394	23.640
1.024				
12/13/2015 6:30:00 PM	1060200.000	68.048	16.431	153.286
42334.320	50618.910	33.329	34.421	23.621
1.024				
12/13/2015 6:45:00 PM	1061100.000	68.042	16.432	153.271
42347.953	50634.289	33.340	34.431	23.614
1.024				
12/13/2015 7:00:00 PM	1062000.000	68.037	16.433	153.260
42378.535	50669.949	33.366	34.456	23.597
1.024				
12/13/2015 7:15:00 PM	1062900.000	68.015	16.433	153.210
42312.266	50590.715	33.308	34.402	23.634
1.024				
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42366.332	50655.270	33.355	34.446	23.604
1.024				
12/13/2015 7:45:00 PM	1064700.000	68.017	16.433	153.215
42353.121	50639.156	33.344	34.435	23.611
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12/13/2015 8:00:00 PM	1065600.000	68.001	16.433	153.178
42346.797	50631.195	33.338	34.429	23.615
1.024				
12/13/2015 8:15:00 PM	1066500.000	68.008	16.433	153.194
42306.895	50583.383	33.303	34.397	23.637
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12/13/2015 8:30:00 PM	1067400.000	67.997	16.434	153.171
42290.980	50563.844	33.288	34.383	23.646

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12/13/2015 8:45:00 PM	1068300.000	68.011	16.434	153.201	
42347.172	50630.930	33.338	34.429	23.614	
1.024					
12/13/2015 9:00:00 PM	1069200.000	68.018	16.433	153.217	
42309.855	50587.125	33.305	34.399	23.635	
1.024					
12/13/2015 9:15:00 PM	1070100.000	68.014	16.434	153.209	
42310.930	50587.398	33.306	34.399	23.635	
1.024					
12/13/2015 9:30:00 PM	1071000.000	68.025	16.434	153.234	
42369.133	50657.188	33.357	34.447	23.602	
1.024					
12/13/2015 9:45:00 PM	1071900.000	68.017	16.434	153.215	
42349.785	50633.648	33.340	34.431	23.613	
1.024					
12/13/2015 10:00:00 PM	1072800.000	68.042	16.434	153.271	
42336.461	50617.809	33.328	34.420	23.620	
1.024					
12/13/2015 10:15:00 PM	1073700.000	68.030	16.434	153.243	
42333.258	50613.887	33.325	34.417	23.622	
1.024					
12/13/2015 10:30:00 PM	1074600.000	68.048	16.435	153.284	
42306.730	50581.863	33.302	34.396	23.637	
1.024					
12/13/2015 10:45:00 PM	1075500.000	68.053	16.434	153.297	
42306.879	50582.242	33.302	34.396	23.637	
1.024					
12/13/2015 11:00:00 PM	1076400.000	68.066	16.435	153.325	
42307.480	50582.762	33.302	34.396	23.636	
1.024					
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42291.059	50563.227	33.288	34.383	23.646	
1.024					
12/13/2015 11:30:00 PM	1078200.000	68.077	16.434	153.351	
42312.523	50589.813	33.307	34.401	23.634	
1.024					
12/13/2015 11:45:00 PM	1079100.000	68.088	16.434	153.375	
42350.938	50635.117	33.341	34.432	23.612	
1.024					
12/14/2015 12:00:00 AM	1080000.000	68.101	16.434	153.403	
42370.750	50659.430	33.359	34.448	23.601	
1.024					
12/14/2015 12:15:00 AM	1080900.000	68.108	16.434	153.420	
42342.789	50625.488	33.334	34.425	23.617	
1.024					
12/14/2015 12:30:00 AM	1081800.000	68.110	16.433	153.425	
42310.633	50588.055	33.306	34.400	23.635	
1.024					
12/14/2015 12:45:00 AM	1082700.000	68.127	16.433	153.462	
42288.004	50560.902	33.286	34.381	23.647	
1.024					
12/14/2015 1:00:00 AM	1083600.000	68.130	16.433	153.469	
42337.125	50619.938	33.329	34.422	23.620	
1.024					

12/14/2015 1:15:00 AM 42345.352 1.024	1084500.000 50629.566	68.126 33.337	16.433 34.428	153.460 23.615
12/14/2015 1:30:00 AM 42311.605 1.024	1085400.000 50588.918	68.141 33.307	16.434 34.400	153.493 23.634
12/14/2015 1:45:00 AM 42353.918 1.024	1086300.000 50640.223	68.141 33.344	16.433 34.435	153.493 23.611
12/14/2015 2:00:00 AM 42307.379 1.024	1087200.000 50585.379	68.132 33.304	16.432 34.398	153.474 23.637
12/14/2015 2:15:00 AM 42328.008 1.024	1088100.000 50609.844	68.153 33.322	16.432 34.415	153.520 23.625
12/14/2015 2:30:00 AM 42316.531 1.024	1089000.000 50596.426	68.154 33.312	16.432 34.406	153.523 23.631
12/14/2015 2:45:00 AM 42340.000 1.024	1089900.000 50624.277	68.152 33.333	16.432 34.425	153.519 23.618
12/14/2015 3:00:00 AM 42326.527 1.024	1090800.000 50609.289	68.132 33.321	16.431 34.414	153.473 23.626
12/14/2015 3:15:00 AM 42339.996 1.024	1091700.000 50625.094	68.142 33.333	16.432 34.425	153.497 23.618
12/14/2015 3:30:00 AM 42330.117 1.024	1092600.000 50613.680	68.135 33.325	16.431 34.417	153.481 23.624
12/14/2015 3:45:00 AM 42366.449 1.024	1093500.000 50656.316	68.144 33.356	16.432 34.446	153.501 23.604
12/14/2015 4:00:00 AM 42287.625 1.024	1094400.000 50562.773	68.148 33.287	16.431 34.383	153.509 23.648
12/14/2015 4:15:00 AM 42315.172 1.024	1095300.000 50595.617	68.139 33.311	16.431 34.405	153.489 23.632
12/14/2015 4:30:00 AM 42337.145 1.024	1096200.000 50621.570	68.155 33.331	16.432 34.423	153.527 23.620
12/14/2015 4:45:00 AM 42304.973 1.024	1097100.000 50583.016	68.137 33.302	16.432 34.396	153.486 23.638
12/14/2015 5:00:00 AM 42298.129 1.024	1098000.000 50575.547	68.144 33.297	16.431 34.391	153.501 23.642
12/14/2015 5:15:00 AM 42334.500 1.024	1098900.000 50619.035	68.141 33.329	16.431 34.421	153.493 23.621
12/14/2015 5:30:00 AM 42292.453 1.024	1099800.000 50568.848	68.132 33.292	16.431 34.387	153.474 23.645
12/14/2015 5:45:00 AM	1100700.000	68.152	16.431	153.519

42321.656	50603.563	33.317	34.410	23.629
1.024				
12/14/2015 6:00:00 AM	1101600.000	68.133	16.431	153.477
42330.793	50614.602	33.325	34.418	23.623
1.024				
12/14/2015 6:15:00 AM	1102500.000	68.123	16.432	153.454
42306.793	50585.281	33.304	34.398	23.637
1.024				
12/14/2015 6:30:00 AM	1103400.000	68.155	16.431	153.525
42298.566	50575.953	33.297	34.392	23.641
1.024				
12/14/2015 6:45:00 AM	1104300.000	68.137	16.431	153.486
42345.422	50632.094	33.338	34.430	23.615
1.024				
12/14/2015 7:00:00 AM	1105200.000	68.142	16.431	153.497
42359.258	50648.727	33.350	34.441	23.608
1.024				
12/14/2015 7:15:00 AM	1106100.000	68.147	16.431	153.507
42317.387	50598.980	33.314	34.407	23.631
1.024				
12/14/2015 7:30:00 AM	1107000.000	68.149	16.431	153.513
42334.465	50618.875	33.329	34.421	23.621
1.024				
12/14/2015 7:45:00 AM	1107900.000	68.171	16.431	153.561
42338.598	50624.434	33.333	34.425	23.619
1.024				
12/14/2015 8:00:00 AM	1108800.000	68.173	16.430	153.566
42314.207	50595.777	33.311	34.405	23.633
1.024				
12/14/2015 8:15:00 AM	1109700.000	68.198	16.430	153.624
42343.594	50631.313	33.338	34.429	23.616
1.024				
12/14/2015 8:30:00 AM	1110600.000	68.201	16.430	153.630
42316.637	50599.191	33.314	34.407	23.631
1.024				
12/14/2015 8:45:00 AM	1111500.000	68.208	16.430	153.646
42344.168	50631.602	33.338	34.429	23.616
1.024				
12/14/2015 9:00:00 AM	1112400.000	68.208	16.430	153.646
42330.414	50615.551	33.326	34.419	23.624
1.024				
12/14/2015 9:15:00 AM	1113300.000	68.237	16.430	153.710
42352.930	50642.992	33.346	34.437	23.611
1.024				
12/14/2015 9:30:00 AM	1114200.000	68.260	16.429	153.762
42309.527	50591.406	33.308	34.402	23.635
1.024				
12/14/2015 9:45:00 AM	1115100.000	68.267	16.429	153.779
42331.715	50618.332	33.328	34.420	23.623
1.024				
12/14/2015 10:00:00 AM	1116000.000	68.283	16.428	153.815
42382.754	50679.980	33.373	34.462	23.595
1.024				
12/14/2015 10:15:00 AM	1116900.000	68.299	16.428	153.850
42324.488	50610.309	33.322	34.415	23.627

1.024					
12/14/2015 10:30:00 AM	1117800.000	68.305	16.428	153.864	
42362.820	50656.762	33.356	34.447	23.606	
1.024					
12/14/2015 10:45:00 AM	1118700.000	68.344	16.427	153.952	
42377.891	50675.277	33.370	34.459	23.597	
1.024					
12/14/2015 11:00:00 AM	1119600.000	68.331	16.427	153.921	
42330.004	50618.121	33.328	34.420	23.624	
1.024					
12/14/2015 11:15:00 AM	1120500.000	68.331	16.427	153.923	
42337.621	50627.328	33.334	34.427	23.620	
1.024					
12/14/2015 11:30:00 AM	1121400.000	68.346	16.426	153.956	
42341.387	50632.758	33.338	34.430	23.618	
1.024					
12/14/2015 11:45:00 AM	1122300.000	68.381	16.426	154.036	
42345.203	50637.609	33.342	34.434	23.615	
1.024					
12/14/2015 12:00:00 PM	1123200.000	68.356	16.426	153.978	
42341.109	50633.023	33.339	34.430	23.618	
1.024					
12/14/2015 12:15:00 PM	1124100.000	68.365	16.426	153.999	
42322.801	50611.234	33.323	34.416	23.628	
1.024					
12/14/2015 12:30:00 PM	1125000.000	68.379	16.425	154.029	
42344.559	50637.668	33.342	34.434	23.616	
1.024					
12/14/2015 12:45:00 PM	1125900.000	68.376	16.425	154.023	
42307.016	50593.168	33.309	34.403	23.637	
1.024					
12/14/2015 1:00:00 PM	1126800.000	68.369	16.425	154.008	
42336.668	50628.930	33.335	34.428	23.620	
1.024					
12/14/2015 1:15:00 PM	1127700.000	68.369	16.424	154.009	
42353.148	50649.145	33.350	34.441	23.611	
1.024					
12/14/2015 1:30:00 PM	1128600.000	68.344	16.425	153.952	
42333.676	50625.660	33.333	34.425	23.622	
1.024					
12/14/2015 1:45:00 PM	1129500.000	68.346	16.425	153.956	
42327.898	50618.754	33.328	34.421	23.625	
1.024					
12/14/2015 2:00:00 PM	1130400.000	68.341	16.425	153.945	
42342.293	50635.766	33.340	34.432	23.617	
1.024					
12/14/2015 2:15:00 PM	1131300.000	68.336	16.424	153.933	
42325.719	50616.848	33.327	34.419	23.626	
1.024					
12/14/2015 2:30:00 PM	1132200.000	68.323	16.425	153.904	
42320.117	50609.348	33.321	34.414	23.629	
1.024					
12/14/2015 2:45:00 PM	1133100.000	68.299	16.424	153.849	
42359.695	50656.973	33.356	34.447	23.607	
1.024					

12/14/2015 3:00:00 PM 42342.707 1.024	1134000.000 50636.566	68.292 33.341	16.425 34.433	153.835 23.617
12/14/2015 3:15:00 PM 42353.668 1.024	1134900.000 50649.160	68.268 33.350	16.425 34.441	153.780 23.611
12/14/2015 3:30:00 PM 42321.184 1.024	1135800.000 50610.113	68.261 33.322	16.425 34.415	153.765 23.629
12/14/2015 3:45:00 PM 42318.031 1.024	1136700.000 50606.641	68.243 33.319	16.425 34.413	153.723 23.631
12/14/2015 4:00:00 PM 42355.383 1.024	1137600.000 50650.914	68.219 33.352	16.425 34.443	153.669 23.610
12/14/2015 4:15:00 PM 42350.027 1.024	1138500.000 50645.012	68.186 33.347	16.425 34.439	153.596 23.613
12/14/2015 4:30:00 PM 42341.875 1.024	1139400.000 50634.547	68.178 33.340	16.425 34.431	153.578 23.617
12/14/2015 4:45:00 PM 42307.043 1.024	1140300.000 50592.605	68.150 33.309	16.426 34.403	153.514 23.637
12/14/2015 5:00:00 PM 42356.379 1.024	1141200.000 50651.688	68.138 33.352	16.426 34.443	153.486 23.609
12/14/2015 5:15:00 PM 42313.859 1.024	1142100.000 50600.340	68.118 33.315	16.426 34.408	153.442 23.633
12/14/2015 5:30:00 PM 42315.203 1.024	1143000.000 50601.852	68.122 33.316	16.426 34.409	153.452 23.632
12/14/2015 5:45:00 PM 42332.086 1.024	1143900.000 50621.836	68.092 33.330	16.426 34.423	153.384 23.623
12/14/2015 6:00:00 PM 42352.629 1.024	1144800.000 50645.688	68.063 33.348	16.427 34.439	153.319 23.611
12/14/2015 6:15:00 PM 42342.801 1.024	1145700.000 50633.625	68.067 33.339	16.427 34.431	153.329 23.617
12/14/2015 6:30:00 PM 42342.375 1.024	1146600.000 50632.914	68.055 33.339	16.427 34.430	153.300 23.617
12/14/2015 6:45:00 PM 42323.176 1.024	1147500.000 50609.441	68.038 33.321	16.428 34.414	153.262 23.628
12/14/2015 7:00:00 PM 42330.984 1.024	1148400.000 50618.781	68.023 33.328	16.428 34.421	153.229 23.623
12/14/2015 7:15:00 PM 42328.375 1.024	1149300.000 50615.258	68.020 33.326	16.428 34.418	153.221 23.625
12/14/2015 7:30:00 PM	1150200.000	68.001	16.428	153.178

42319.414	50604.340	33.318	34.411	23.630
1.024				
12/14/2015 7:45:00 PM	1151100.000	67.991	16.429	153.156
42313.539	50596.801	33.312	34.406	23.633
1.024				
12/14/2015 8:00:00 PM	1152000.000	67.985	16.428	153.143
42332.352	50619.711	33.329	34.421	23.623
1.024				
12/14/2015 8:15:00 PM	1152900.000	67.980	16.429	153.131
42328.813	50614.254	33.325	34.418	23.625
1.024				
12/14/2015 8:30:00 PM	1153800.000	67.959	16.429	153.084
42317.918	50601.438	33.316	34.409	23.631
1.024				
12/14/2015 8:45:00 PM	1154700.000	67.970	16.430	153.109
42314.027	50596.074	33.312	34.405	23.633
1.024				
12/14/2015 9:00:00 PM	1155600.000	67.961	16.429	153.089
42294.652	50573.406	33.295	34.390	23.644
1.024				
12/14/2015 9:15:00 PM	1156500.000	67.961	16.430	153.088
42299.168	50578.191	33.299	34.393	23.641
1.024				
12/14/2015 9:30:00 PM	1157400.000	67.956	16.430	153.079
42297.039	50575.352	33.296	34.391	23.642
1.024				
12/14/2015 9:45:00 PM	1158300.000	67.959	16.430	153.084
42365.527	50657.445	33.357	34.447	23.604
1.024				
12/14/2015 10:00:00 PM	1159200.000	67.964	16.430	153.095
42319.309	50601.766	33.316	34.409	23.630
1.024				
12/14/2015 10:15:00 PM	1160100.000	67.969	16.430	153.106
42332.129	50617.406	33.327	34.420	23.623
1.024				
12/14/2015 10:30:00 PM	1161000.000	67.970	16.431	153.110
42317.379	50599.160	33.314	34.407	23.631
1.024				
12/14/2015 10:45:00 PM	1161900.000	67.964	16.430	153.096
42292.730	50570.402	33.293	34.388	23.645
1.024				
12/14/2015 11:00:00 PM	1162800.000	67.970	16.430	153.110
42352.469	50641.418	33.345	34.436	23.611
1.024				
12/14/2015 11:15:00 PM	1163700.000	67.970	16.430	153.109
42322.082	50605.191	33.318	34.412	23.628
1.024				
12/14/2015 11:30:00 PM	1164600.000	67.987	16.430	153.148
42324.102	50607.605	33.320	34.413	23.627
1.024				
12/14/2015 11:45:00 PM	1165500.000	67.994	16.430	153.162
42300.504	50579.391	33.299	34.394	23.640
1.024				
12/15/2015 12:00:00 AM	1166400.000	68.001	16.430	153.178
42281.867	50556.906	33.283	34.379	23.651

1.024					
12/15/2015 12:15:00 AM	1167300.000	68.009	16.430	153.196	
42317.906	50600.402	33.315	34.408	23.631	
1.024					
12/15/2015 12:30:00 AM	1168200.000	68.010	16.430	153.198	
42351.863	50640.602	33.344	34.436	23.612	
1.024					
12/15/2015 12:45:00 AM	1169100.000	68.017	16.430	153.215	
42327.719	50612.238	33.324	34.416	23.625	
1.024					
12/15/2015 1:00:00 AM	1170000.000	68.020	16.430	153.221	
42319.125	50602.371	33.316	34.410	23.630	
1.024					
12/15/2015 1:15:00 AM	1170900.000	68.027	16.430	153.237	
42320.270	50603.836	33.317	34.411	23.629	
1.024					
12/15/2015 1:30:00 AM	1171800.000	68.030	16.430	153.243	
42351.430	50640.797	33.345	34.436	23.612	
1.024					
12/15/2015 1:45:00 AM	1172700.000	68.027	16.430	153.238	
42340.242	50627.621	33.335	34.427	23.618	
1.024					
12/15/2015 2:00:00 AM	1173600.000	68.031	16.430	153.246	
42301.871	50581.422	33.301	34.395	23.640	
1.024					
12/15/2015 2:15:00 AM	1174500.000	68.032	16.429	153.250	
42348.426	50638.004	33.342	34.434	23.614	
1.024					
12/15/2015 2:30:00 AM	1175400.000	68.032	16.429	153.250	
42345.816	50634.887	33.340	34.432	23.615	
1.024					
12/15/2015 2:45:00 AM	1176300.000	68.035	16.429	153.255	
42312.453	50594.691	33.311	34.404	23.634	
1.024					
12/15/2015 3:00:00 AM	1177200.000	68.024	16.430	153.230	
42305.715	50586.336	33.304	34.399	23.637	
1.024					
12/15/2015 3:15:00 AM	1178100.000	68.026	16.429	153.236	
42349.813	50639.664	33.344	34.435	23.613	
1.024					
12/15/2015 3:30:00 AM	1179000.000	68.022	16.429	153.226	
42325.531	50611.141	33.323	34.416	23.626	
1.024					
12/15/2015 3:45:00 AM	1179900.000	68.033	16.429	153.251	
42324.133	50609.266	33.321	34.414	23.627	
1.024					
12/15/2015 4:00:00 AM	1180800.000	68.032	16.429	153.250	
42288.020	50565.891	33.289	34.385	23.647	
1.024					
12/15/2015 4:15:00 AM	1181700.000	68.023	16.429	153.229	
42320.883	50605.383	33.318	34.412	23.629	
1.024					
12/15/2015 4:30:00 AM	1182600.000	68.023	16.429	153.229	
42358.594	50650.277	33.351	34.442	23.608	
1.024					

12/15/2015 4:45:00 AM 42312.707 1.024	1183500.000 50595.293	68.027 33.311	16.429 34.405	153.237 23.634
12/15/2015 5:00:00 AM 42305.598 1.024	1184400.000 50587.207	68.017 33.305	16.429 34.399	153.215 23.638
12/15/2015 5:15:00 AM 42336.469 1.024	1185300.000 50624.539	68.019 33.332	16.428 34.425	153.220 23.620
12/15/2015 5:30:00 AM 42347.297 1.024	1186200.000 50636.859	68.006 33.342	16.429 34.433	153.191 23.614
12/15/2015 5:45:00 AM 42334.902 1.024	1187100.000 50622.035	68.001 33.331	16.429 34.423	153.179 23.621
12/15/2015 6:00:00 AM 42332.328 1.024	1188000.000 50619.270	67.989 33.329	16.429 34.421	153.151 23.623
12/15/2015 6:15:00 AM 42335.586 1.024	1188900.000 50622.766	67.987 33.331	16.429 34.423	153.147 23.621
12/15/2015 6:30:00 AM 42304.430 1.024	1189800.000 50585.910	67.983 33.304	16.429 34.398	153.138 23.638
12/15/2015 6:45:00 AM 42293.594 1.024	1190700.000 50572.953	67.989 33.295	16.429 34.390	153.152 23.644
12/15/2015 7:00:00 AM 42296.105 1.024	1191600.000 50575.754	67.983 33.297	16.429 34.392	153.139 23.643
12/15/2015 7:15:00 AM 42326.059 1.024	1192500.000 50611.887	67.974 33.323	16.429 34.416	153.117 23.626
12/15/2015 7:30:00 AM 42339.000 1.024	1193400.000 50626.648	67.978 33.334	16.429 34.426	153.127 23.619
12/15/2015 7:45:00 AM 42314.480 1.024	1194300.000 50597.020	67.980 33.312	16.430 34.406	153.132 23.633
12/15/2015 8:00:00 AM 42327.770 1.024	1195200.000 50613.617	67.982 33.324	16.429 34.417	153.137 23.625
12/15/2015 8:15:00 AM 42340.441 1.024	1196100.000 50628.457	67.985 33.335	16.429 34.427	153.143 23.618
12/15/2015 8:30:00 AM 42304.484 1.024	1197000.000 50585.375	67.990 33.304	16.429 34.398	153.154 23.638
12/15/2015 8:45:00 AM 42348.586 1.024	1197900.000 50638.195	67.992 33.343	16.429 34.434	153.159 23.614
12/15/2015 9:00:00 AM 42328.633 1.024	1198800.000 50614.453	68.011 33.325	16.429 34.418	153.201 23.625
12/15/2015 9:15:00 AM	1199700.000	68.012	16.429	153.204

42317.254	50600.934	33.315	34.409	23.631
1.024				
12/15/2015 9:30:00 AM	1200600.000	68.018	16.429	153.217
42306.797	50588.539	33.306	34.400	23.637
1.024				
12/15/2015 9:45:00 AM	1201500.000	68.031	16.429	153.246
42336.285	50623.797	33.332	34.424	23.620
1.024				
12/15/2015 10:00:00 AM	1202400.000	68.040	16.429	153.267
42294.547	50573.891	33.295	34.390	23.644
1.024				
12/15/2015 10:15:00 AM	1203300.000	68.046	16.428	153.281
42322.441	50607.863	33.320	34.413	23.628
1.024				
12/15/2015 10:30:00 AM	1204200.000	68.062	16.428	153.317
42341.426	50630.563	33.337	34.429	23.618
1.024				
12/15/2015 10:45:00 AM	1205100.000	68.061	16.428	153.314
42340.602	50629.777	33.336	34.428	23.618
1.024				
12/15/2015 11:00:00 AM	1206000.000	68.068	16.428	153.331
42303.363	50585.250	33.304	34.398	23.639
1.024				
12/15/2015 11:15:00 AM	1206900.000	68.080	16.428	153.356
42331.164	50619.105	33.328	34.421	23.623
1.024				
12/15/2015 11:30:00 AM	1207800.000	68.088	16.428	153.375
42313.766	50598.105	33.313	34.407	23.633
1.024				
12/15/2015 11:45:00 AM	1208700.000	68.095	16.427	153.391
42329.582	50617.512	33.327	34.420	23.624
1.024				
12/15/2015 12:00:00 PM	1209600.000	68.095	16.427	153.391
42323.063	50609.918	33.322	34.415	23.628
1.024				
12/15/2015 12:15:00 PM	1210500.000	68.104	16.427	153.411
42342.105	50633.305	33.339	34.431	23.617
1.024				
12/15/2015 12:30:00 PM	1211400.000	68.109	16.427	153.421
42307.035	50591.266	33.308	34.402	23.637
1.024				
12/15/2015 12:45:00 PM	1212300.000	68.103	16.427	153.410
42320.262	50606.984	33.319	34.413	23.629
1.024				
12/15/2015 1:00:00 PM	1213200.000	68.118	16.426	153.442
42312.332	50598.098	33.313	34.407	23.634
1.024				
12/15/2015 1:15:00 PM	1214100.000	68.123	16.426	153.453
42321.051	50608.523	33.321	34.414	23.629
1.024				
12/15/2015 1:30:00 PM	1215000.000	68.110	16.426	153.425
42316.301	50602.961	33.316	34.410	23.632
1.024				
12/15/2015 1:45:00 PM	1215900.000	68.123	16.426	153.454
42291.898	50574.176	33.295	34.390	23.645

1.024					
12/15/2015 2:00:00 PM	1216800.000	68.100	16.426	153.402	
42333.000	50623.328	33.331	34.424	23.622	
1.024					
12/15/2015 2:15:00 PM	1217700.000	68.102	16.426	153.405	
42322.180	50610.590	33.322	34.415	23.628	
1.024					
12/15/2015 2:30:00 PM	1218600.000	68.092	16.425	153.385	
42343.359	50636.320	33.341	34.433	23.616	
1.024					
12/15/2015 2:45:00 PM	1219500.000	68.083	16.426	153.363	
42376.258	50675.258	33.370	34.459	23.598	
1.024					
12/15/2015 3:00:00 PM	1220400.000	68.070	16.425	153.334	
42350.496	50645.273	33.348	34.439	23.612	
1.024					
12/15/2015 3:15:00 PM	1221300.000	68.059	16.425	153.310	
42328.953	50619.008	33.328	34.421	23.624	
1.024					
12/15/2015 3:30:00 PM	1222200.000	68.035	16.425	153.256	
42357.891	50653.809	33.354	34.445	23.608	
1.024					
12/15/2015 3:45:00 PM	1223100.000	68.017	16.426	153.215	
42299.895	50584.055	33.303	34.397	23.641	
1.024					
12/15/2015 4:00:00 PM	1224000.000	68.012	16.426	153.203	
42331.840	50621.844	33.330	34.423	23.623	
1.024					
12/15/2015 4:15:00 PM	1224900.000	67.985	16.426	153.143	
42291.879	50574.469	33.295	34.391	23.645	
1.024					
12/15/2015 4:30:00 PM	1225800.000	67.969	16.426	153.107	
42317.289	50604.441	33.318	34.411	23.631	
1.024					
12/15/2015 4:45:00 PM	1226700.000	67.947	16.426	153.057	
42309.266	50594.945	33.311	34.405	23.635	
1.024					
12/15/2015 5:00:00 PM	1227600.000	67.926	16.427	153.009	
42327.684	50615.859	33.326	34.419	23.625	
1.024					
12/15/2015 5:15:00 PM	1228500.000	67.904	16.426	152.961	
42359.406	50654.594	33.354	34.445	23.608	
1.024					
12/15/2015 5:30:00 PM	1229400.000	67.885	16.427	152.917	
42338.289	50628.637	33.335	34.427	23.619	
1.024					
12/15/2015 5:45:00 PM	1230300.000	67.874	16.427	152.893	
42323.777	50610.676	33.322	34.415	23.627	
1.024					
12/15/2015 6:00:00 PM	1231200.000	67.864	16.427	152.871	
42307.352	50591.746	33.308	34.402	23.637	
1.024					
12/15/2015 6:15:00 PM	1232100.000	67.854	16.427	152.848	
42298.582	50580.344	33.300	34.395	23.641	
1.024					

12/15/2015 6:30:00 PM 42322.898 1.024	1233000.000 50609.625	67.836 33.321	16.427 34.415	152.807 23.628
12/15/2015 6:45:00 PM 42326.254 1.024	1233900.000 50612.520	67.821 33.324	16.428 34.417	152.773 23.626
12/15/2015 7:00:00 PM 42311.801 1.024	1234800.000 50594.926	67.810 33.311	16.429 34.405	152.749 23.634
12/15/2015 7:15:00 PM 42280.785 1.024	1235700.000 50557.324	67.798 33.283	16.429 34.379	152.721 23.651
12/15/2015 7:30:00 PM 42318.164 1.024	1236600.000 50601.934	67.790 33.316	16.429 34.409	152.704 23.631
12/15/2015 7:45:00 PM 42316.469 1.024	1237500.000 50599.906	67.779 33.314	16.429 34.408	152.679 23.631
12/15/2015 8:00:00 PM 42297.230 1.024	1238400.000 50576.391	67.772 33.297	16.430 34.392	152.663 23.642
12/15/2015 8:15:00 PM 42282.734 1.024	1239300.000 50558.449	67.757 33.284	16.430 34.380	152.629 23.650
12/15/2015 8:30:00 PM 42314.742 1.024	1240200.000 50597.020	67.753 33.312	16.430 34.406	152.621 23.632
12/15/2015 8:45:00 PM 42322.469 1.024	1241100.000 50606.168	67.745 33.319	16.430 34.412	152.602 23.628
12/15/2015 9:00:00 PM 42327.184 1.024	1242000.000 50611.184	67.734 33.323	16.430 34.416	152.577 23.625
12/15/2015 9:15:00 PM 42321.023 1.024	1242900.000 50603.926	67.726 33.317	16.430 34.411	152.560 23.629
12/15/2015 9:30:00 PM 42324.512 1.024	1243800.000 50607.691	67.727 33.320	16.431 34.413	152.562 23.627
12/15/2015 9:45:00 PM 42323.895 1.024	1244700.000 50606.645	67.730 33.320	16.431 34.413	152.569 23.627
12/15/2015 10:00:00 PM 42312.527 1.024	1245600.000 50592.965	67.741 33.309	16.431 34.403	152.594 23.634
12/15/2015 10:15:00 PM 42295.566 1.024	1246500.000 50571.969	67.727 33.294	16.432 34.389	152.561 23.643
12/15/2015 10:30:00 PM 42276.109 1.024	1247400.000 50549.004	67.723 33.277	16.431 34.373	152.552 23.654
12/15/2015 10:45:00 PM 42288.840 1.024	1248300.000 50564.641	67.728 33.289	16.431 34.384	152.565 23.647
12/15/2015 11:00:00 PM	1249200.000	67.737	16.432	152.583

42267.668	50538.613	33.270	34.366	23.659
1.024				
12/15/2015 11:15:00 PM	1250100.000	67.734	16.432	152.577
42321.605	50602.992	33.317	34.410	23.629
1.024				
12/15/2015 11:30:00 PM	1251000.000	67.747	16.432	152.607
42308.211	50587.188	33.305	34.399	23.636
1.024				
12/15/2015 11:45:00 PM	1251900.000	67.755	16.432	152.624
42295.773	50572.016	33.294	34.389	23.643
1.024				
12/16/2015 12:00:00 AM	1252800.000	67.754	16.432	152.623
42354.293	50641.871	33.345	34.436	23.610
1.024				
12/16/2015 12:15:00 AM	1253700.000	67.762	16.432	152.640
42335.051	50618.777	33.329	34.421	23.621
1.024				
12/16/2015 12:30:00 AM	1254600.000	67.765	16.432	152.648
42309.707	50588.879	33.306	34.400	23.635
1.024				
12/16/2015 12:45:00 AM	1255500.000	67.777	16.432	152.674
42357.109	50645.555	33.348	34.439	23.609
1.024				
12/16/2015 1:00:00 AM	1256400.000	67.786	16.432	152.694
42315.008	50594.898	33.311	34.405	23.632
1.024				
12/16/2015 1:15:00 AM	1257300.000	67.793	16.432	152.709
42293.371	50569.234	33.292	34.387	23.644
1.024				
12/16/2015 1:30:00 AM	1258200.000	67.803	16.431	152.732
42336.668	50621.625	33.331	34.423	23.620
1.024				
12/16/2015 1:45:00 AM	1259100.000	67.800	16.432	152.727
42319.617	50600.613	33.315	34.408	23.630
1.024				
12/16/2015 2:00:00 AM	1260000.000	67.810	16.432	152.749
42308.750	50587.621	33.306	34.400	23.636
1.024				
12/16/2015 2:15:00 AM	1260900.000	67.822	16.431	152.777
42295.641	50572.773	33.295	34.389	23.643
1.024				
12/16/2015 2:30:00 AM	1261800.000	67.819	16.431	152.770
42328.480	50611.531	33.323	34.416	23.625
1.024				
12/16/2015 2:45:00 AM	1262700.000	67.832	16.431	152.798
42318.664	50599.887	33.315	34.408	23.630
1.024				
12/16/2015 3:00:00 AM	1263600.000	67.836	16.431	152.807
42306.980	50586.012	33.304	34.398	23.637
1.024				
12/16/2015 3:15:00 AM	1264500.000	67.839	16.431	152.813
42288.969	50564.477	33.289	34.384	23.647
1.024				
12/16/2015 3:30:00 AM	1265400.000	67.855	16.430	152.850
42320.828	50603.691	33.317	34.411	23.629

1.024					
12/16/2015 3:45:00 AM	1266300.000	67.844	16.431	152.825	
42315.992	50596.996	33.312	34.406	23.632	
1.024					
12/16/2015 4:00:00 AM	1267200.000	67.836	16.430	152.807	
42285.508	50561.352	33.286	34.382	23.649	
1.024					
12/16/2015 4:15:00 AM	1268100.000	67.851	16.431	152.840	
42338.078	50623.910	33.332	34.424	23.619	
1.024					
12/16/2015 4:30:00 AM	1269000.000	67.845	16.430	152.828	
42300.453	50579.938	33.300	34.394	23.640	
1.024					
12/16/2015 4:45:00 AM	1269900.000	67.852	16.430	152.842	
42323.875	50607.641	33.320	34.413	23.627	
1.024					
12/16/2015 5:00:00 AM	1270800.000	67.852	16.430	152.842	
42328.895	50613.645	33.325	34.417	23.625	
1.024					
12/16/2015 5:15:00 AM	1271700.000	67.853	16.430	152.845	
42313.215	50595.504	33.311	34.405	23.633	
1.024					
12/16/2015 5:30:00 AM	1272600.000	67.850	16.429	152.838	
42276.363	50551.539	33.279	34.375	23.654	
1.024					
12/16/2015 5:45:00 AM	1273500.000	67.850	16.429	152.838	
42323.379	50607.758	33.320	34.413	23.628	
1.024					
12/16/2015 6:00:00 AM	1274400.000	67.844	16.430	152.825	
42312.895	50595.020	33.311	34.405	23.633	
1.024					
12/16/2015 6:15:00 AM	1275300.000	67.842	16.430	152.820	
42279.129	50554.547	33.281	34.377	23.652	
1.024					
12/16/2015 6:30:00 AM	1276200.000	67.836	16.430	152.807	
42331.457	50617.008	33.327	34.420	23.623	
1.024					
12/16/2015 6:45:00 AM	1277100.000	67.831	16.429	152.797	
42316.809	50600.113	33.315	34.408	23.631	
1.024					
12/16/2015 7:00:00 AM	1278000.000	67.831	16.429	152.796	
42329.691	50615.516	33.326	34.419	23.624	
1.024					
12/16/2015 7:15:00 AM	1278900.000	67.830	16.430	152.793	
42312.402	50594.223	33.310	34.404	23.634	
1.024					
12/16/2015 7:30:00 AM	1279800.000	67.827	16.429	152.788	
42299.465	50579.258	33.299	34.394	23.641	
1.024					
12/16/2015 7:45:00 AM	1280700.000	67.827	16.429	152.787	
42307.352	50588.688	33.306	34.400	23.637	
1.024					
12/16/2015 8:00:00 AM	1281600.000	67.826	16.429	152.785	
42314.805	50598.004	33.313	34.407	23.632	
1.024					

12/16/2015 8:15:00 AM 42310.883 1.024	1282500.000 50592.613	67.822 33.309	16.430 34.403	152.777 23.635
12/16/2015 8:30:00 AM 42336.422 1.024	1283400.000 50624.066	67.831 33.332	16.429 34.424	152.797 23.620
12/16/2015 8:45:00 AM 42346.102 1.024	1284300.000 50634.828	67.823 33.340	16.430 34.432	152.778 23.615
12/16/2015 9:00:00 AM 42272.117 1.024	1285200.000 50546.055	67.832 33.275	16.430 34.371	152.798 23.656
12/16/2015 9:15:00 AM 42323.984 1.024	1286100.000 50608.578	67.832 33.321	16.429 34.414	152.797 23.627
12/16/2015 9:30:00 AM 42304.832 1.024	1287000.000 50585.793	67.841 33.304	16.429 34.398	152.820 23.638
12/16/2015 9:45:00 AM 42318.727 1.024	1287900.000 50602.191	67.841 33.316	16.429 34.409	152.820 23.630
12/16/2015 10:00:00 AM 42319.941 1.024	1288800.000 50604.457	67.855 33.318	16.429 34.411	152.851 23.630
12/16/2015 10:15:00 AM 42334.047 1.024	1289700.000 50621.227	67.857 33.330	16.429 34.422	152.855 23.622
12/16/2015 10:30:00 AM 42314.559 1.024	1290600.000 50597.625	67.855 33.313	16.429 34.406	152.851 23.633
12/16/2015 10:45:00 AM 42306.234 1.024	1291500.000 50587.352	67.866 33.305	16.429 34.399	152.876 23.637
12/16/2015 11:00:00 AM 42315.738 1.024	1292400.000 50599.430	67.868 33.314	16.429 34.408	152.878 23.632
12/16/2015 11:15:00 AM 42294.719 1.024	1293300.000 50573.988	67.872 33.295	16.429 34.390	152.888 23.644
12/16/2015 11:30:00 AM 42277.387 1.024	1294200.000 50553.688	67.882 33.280	16.429 34.377	152.911 23.653
12/16/2015 11:45:00 AM 42300.469 1.024	1295100.000 50581.684	67.891 33.301	16.428 34.396	152.930 23.640
12/16/2015 12:00:00 PM 42367.684 1.024	1296000.000 50662.262	67.897 33.360	16.428 34.450	152.945 23.603
12/16/2015 12:15:00 PM 42298.254 1.024	1296900.000 50578.938	67.900 33.299	16.428 34.394	152.951 23.642
12/16/2015 12:30:00 PM 42301.852 1.024	1297800.000 50583.539	67.904 33.302	16.428 34.397	152.961 23.640
12/16/2015 12:45:00 PM	1298700.000	67.914	16.428	152.982

42299.309	50581.105	33.300	34.395	23.641
1.024				
12/16/2015 1:00:00 PM	1299600.000	67.918	16.427	152.992
42261.625	50536.555	33.268	34.365	23.662
1.024				
12/16/2015 1:15:00 PM	1300500.000	67.937	16.427	153.034
42302.426	50585.238	33.304	34.398	23.639
1.024				
12/16/2015 1:30:00 PM	1301400.000	67.930	16.426	153.019
42311.504	50597.109	33.312	34.406	23.634
1.024				
12/16/2015 1:45:00 PM	1302300.000	67.947	16.427	153.058
42323.184	50610.477	33.322	34.415	23.628
1.024				
12/16/2015 2:00:00 PM	1303200.000	67.929	16.426	153.017
42313.715	50599.668	33.314	34.408	23.633
1.024				
12/16/2015 2:15:00 PM	1304100.000	67.941	16.426	153.043
42300.469	50584.027	33.303	34.397	23.640
1.024				
12/16/2015 2:30:00 PM	1305000.000	67.937	16.427	153.035
42285.516	50565.836	33.289	34.385	23.649
1.024				
12/16/2015 2:45:00 PM	1305900.000	67.937	16.426	153.035
42336.340	50627.223	33.334	34.427	23.620
1.024				
12/16/2015 3:00:00 PM	1306800.000	67.945	16.426	153.052
42327.379	50616.008	33.326	34.419	23.625
1.024				
12/16/2015 3:15:00 PM	1307700.000	67.930	16.426	153.019
42293.926	50576.801	33.297	34.392	23.644
1.024				
12/16/2015 3:30:00 PM	1308600.000	67.910	16.425	152.973
42347.621	50641.629	33.345	34.436	23.614
1.024				
12/16/2015 3:45:00 PM	1309500.000	67.917	16.425	152.991
42332.434	50623.254	33.331	34.424	23.623
1.024				
12/16/2015 4:00:00 PM	1310400.000	67.911	16.426	152.976
42316.742	50604.086	33.317	34.411	23.631
1.024				
12/16/2015 4:15:00 PM	1311300.000	67.892	16.426	152.934
42239.000	50511.320	33.249	34.348	23.675
1.024				
12/16/2015 4:30:00 PM	1312200.000	67.886	16.426	152.920
42334.723	50625.789	33.333	34.426	23.621
1.024				
12/16/2015 4:45:00 PM	1313100.000	67.887	16.425	152.922
42321.613	50610.230	33.322	34.415	23.629
1.024				
12/16/2015 5:00:00 PM	1314000.000	67.860	16.426	152.862
42332.316	50622.828	33.331	34.424	23.623
1.024				
12/16/2015 5:15:00 PM	1314900.000	67.847	16.425	152.832
42295.551	50579.148	33.299	34.394	23.643

1.024					
12/16/2015 5:30:00 PM	1315800.000	67.834	16.426	152.804	
42300.820	50584.949	33.303	34.398	23.640	
1.024					
12/16/2015 5:45:00 PM	1316700.000	67.809	16.426	152.746	
42338.336	50629.313	33.336	34.428	23.619	
1.024					
12/16/2015 6:00:00 PM	1317600.000	67.793	16.426	152.711	
42320.367	50607.824	33.320	34.413	23.629	
1.024					
12/16/2015 6:15:00 PM	1318500.000	67.771	16.426	152.660	
42287.262	50568.121	33.291	34.386	23.648	
1.024					
12/16/2015 6:30:00 PM	1319400.000	67.768	16.427	152.653	
42303.172	50586.449	33.304	34.399	23.639	
1.024					
12/16/2015 6:45:00 PM	1320300.000	67.750	16.427	152.613	
42312.418	50597.699	33.313	34.406	23.634	
1.024					
12/16/2015 7:00:00 PM	1321200.000	67.755	16.427	152.626	
42312.547	50598.066	33.313	34.407	23.634	
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12/16/2015 7:15:00 PM	1322100.000	67.728	16.427	152.564	
42284.648	50564.195	33.288	34.384	23.649	
1.024					
12/16/2015 7:30:00 PM	1323000.000	67.716	16.427	152.538	
42313.375	50598.438	33.313	34.407	23.633	
1.024					
12/16/2015 7:45:00 PM	1323900.000	67.700	16.427	152.500	
42324.637	50611.598	33.323	34.416	23.627	
1.024					
12/16/2015 8:00:00 PM	1324800.000	67.693	16.428	152.485	
42297.766	50579.168	33.299	34.394	23.642	
1.024					
12/16/2015 8:15:00 PM	1325700.000	67.679	16.428	152.454	
42339.320	50628.660	33.335	34.427	23.619	
1.024					
12/16/2015 8:30:00 PM	1326600.000	67.675	16.429	152.445	
42307.949	50590.320	33.307	34.401	23.636	
1.024					
12/16/2015 8:45:00 PM	1327500.000	67.661	16.428	152.412	
42313.980	50598.449	33.313	34.407	23.633	
1.024					
12/16/2015 9:00:00 PM	1328400.000	67.647	16.429	152.381	
42281.734	50558.973	33.284	34.380	23.651	
1.024					
12/16/2015 9:15:00 PM	1329300.000	67.645	16.429	152.376	
42283.828	50560.965	33.286	34.381	23.650	
1.024					
12/16/2015 9:30:00 PM	1330200.000	67.641	16.428	152.368	
42330.941	50618.121	33.328	34.420	23.623	
1.024					
12/16/2015 9:45:00 PM	1331100.000	67.630	16.429	152.343	
42305.195	50586.727	33.305	34.399	23.638	
1.024					

12/16/2015 10:00:00 PM	1332000.000	67.643	16.429	152.372
42279.223	50555.258	33.282	34.378	23.652
1.024				
12/16/2015 10:15:00 PM	1332900.000	67.630	16.429	152.344
42292.379	50571.102	33.293	34.388	23.645
1.024				
12/16/2015 10:30:00 PM	1333800.000	67.626	16.430	152.335
42295.953	50574.863	33.296	34.391	23.643
1.024				
12/16/2015 10:45:00 PM	1334700.000	67.658	16.429	152.406
42280.496	50556.578	33.283	34.378	23.652
1.024				
12/16/2015 11:00:00 PM	1335600.000	67.632	16.430	152.348
42294.652	50573.000	33.295	34.390	23.644
1.024				
12/16/2015 11:15:00 PM	1336500.000	67.645	16.430	152.376
42285.543	50562.105	33.287	34.382	23.649
1.024				
12/16/2015 11:30:00 PM	1337400.000	67.639	16.430	152.363
42287.828	50564.539	33.288	34.384	23.647
1.024				
12/16/2015 11:45:00 PM	1338300.000	67.647	16.430	152.381
42306.016	50586.184	33.304	34.399	23.637
1.024				

Report Date: 12/18/2015 1:48:31 PM
Report User Name: KMaker
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1S LT Test_2015-12-17_11-10-24-393.wsl
Create Date: 12/17/2015 11:09:22 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

Log Data:

Record Count: 1532

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	SN#: 421436
SN#: 421436					
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)		Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	19.090	16.385	43.002	
39423.133	47187.746	30.816	32087.670	25.366	
1.022					
12/10/2015 12:15:00 AM	735300.000	19.084	16.385	42.988	
39354.305	47105.836	30.756	32031.971	25.410	
1.022					
12/10/2015 12:30:00 AM	736200.000	19.084	16.385	42.988	
39392.316	47150.766	30.789	32062.523	25.386	
1.022					
12/10/2015 12:45:00 AM	737100.000	19.079	16.385	42.978	
39369.898	47124.313	30.770	32044.537	25.400	
1.022					

12/10/2015 1:00:00 AM	738000.000	19.082	16.385	42.985
39403.512	47164.641	30.799	32071.957	25.378
1.022				
12/10/2015 1:15:00 AM	738900.000	19.082	16.385	42.985
39368.441	47122.000	30.768	32042.961	25.401
1.022				
12/10/2015 1:30:00 AM	739800.000	19.081	16.385	42.982
39370.555	47124.719	30.770	32044.811	25.400
1.022				
12/10/2015 1:45:00 AM	740700.000	19.072	16.384	42.962
39379.234	47135.965	30.778	32052.459	25.394
1.022				
12/10/2015 2:00:00 AM	741600.000	19.071	16.385	42.960
39381.883	47138.477	30.780	32054.164	25.392
1.022				
12/10/2015 2:15:00 AM	742500.000	19.071	16.384	42.959
39378.383	47134.945	30.777	32051.766	25.395
1.022				
12/10/2015 2:30:00 AM	743400.000	19.081	16.384	42.983
39416.254	47180.094	30.810	32082.467	25.370
1.022				
12/10/2015 2:45:00 AM	744300.000	19.091	16.384	43.004
39373.094	47129.375	30.773	32047.977	25.398
1.022				
12/10/2015 3:00:00 AM	745200.000	19.085	16.385	42.991
39374.973	47130.383	30.774	32048.660	25.397
1.022				
12/10/2015 3:15:00 AM	746100.000	19.089	16.384	42.999
39369.887	47124.961	30.770	32044.975	25.400
1.022				
12/10/2015 3:30:00 AM	747000.000	19.082	16.384	42.984
39395.980	47156.582	30.793	32066.479	25.383
1.022				
12/10/2015 3:45:00 AM	747900.000	19.084	16.384	42.989
39394.703	47154.383	30.791	32064.982	25.384
1.022				
12/10/2015 4:00:00 AM	748800.000	19.082	16.383	42.984
39402.418	47164.566	30.799	32071.906	25.379
1.022				
12/10/2015 4:15:00 AM	749700.000	19.079	16.383	42.978
39408.230	47171.625	30.804	32076.705	25.375
1.022				
12/10/2015 4:30:00 AM	750600.000	19.082	16.384	42.984
39400.184	47161.613	30.797	32069.896	25.381
1.022				
12/10/2015 4:45:00 AM	751500.000	19.091	16.384	43.004
39366.805	47121.563	30.768	32042.664	25.402
1.022				
12/10/2015 5:00:00 AM	752400.000	19.084	16.383	42.988
39402.008	47164.367	30.799	32071.770	25.379
1.022				
12/10/2015 5:15:00 AM	753300.000	19.088	16.384	42.997
39360.441	47113.469	30.762	32037.158	25.406
1.022				
12/10/2015 5:30:00 AM	754200.000	19.084	16.384	42.988
39384.598	47142.680	30.783	32057.025	25.391

1.022				
12/10/2015 5:45:00 AM	755100.000	19.087	16.383	42.995
39375.031	47131.785	30.775	32049.613	25.397
1.022				
12/10/2015 6:00:00 AM	756000.000	19.089	16.384	42.999
39408.688	47171.793	30.804	32076.820	25.375
1.022				
12/10/2015 6:15:00 AM	756900.000	19.088	16.383	42.997
39373.301	47130.375	30.774	32048.656	25.398
1.022				
12/10/2015 6:30:00 AM	757800.000	19.092	16.383	43.007
39367.086	47122.566	30.768	32043.346	25.402
1.022				
12/10/2015 6:45:00 AM	758700.000	19.090	16.383	43.001
39398.332	47159.965	30.795	32068.779	25.382
1.022				
12/10/2015 7:00:00 AM	759600.000	19.099	16.382	43.022
39406.148	47170.168	30.803	32075.719	25.377
1.022				
12/10/2015 7:15:00 AM	760500.000	19.102	16.383	43.028
39427.777	47195.105	30.821	32092.674	25.363
1.022				
12/10/2015 7:30:00 AM	761400.000	19.109	16.383	43.046
39390.680	47151.281	30.789	32062.873	25.387
1.022				
12/10/2015 7:45:00 AM	762300.000	19.115	16.383	43.057
39379.328	47137.496	30.779	32053.502	25.394
1.022				
12/10/2015 8:00:00 AM	763200.000	19.122	16.382	43.074
39417.023	47183.379	30.812	32084.697	25.370
1.022				
12/10/2015 8:15:00 AM	764100.000	19.125	16.382	43.081
39411.633	47176.637	30.807	32080.117	25.373
1.022				
12/10/2015 8:30:00 AM	765000.000	19.138	16.382	43.111
39416.691	47182.980	30.812	32084.432	25.370
1.022				
12/10/2015 8:45:00 AM	765900.000	19.151	16.382	43.140
39411.516	47176.973	30.808	32080.346	25.373
1.022				
12/10/2015 9:00:00 AM	766800.000	19.158	16.383	43.155
39414.789	47179.945	30.810	32082.363	25.371
1.022				
12/10/2015 9:15:00 AM	767700.000	19.168	16.382	43.178
39408.285	47173.582	30.805	32078.037	25.375
1.022				
12/10/2015 9:30:00 AM	768600.000	19.179	16.382	43.202
39419.586	47186.633	30.815	32086.910	25.368
1.022				
12/10/2015 9:45:00 AM	769500.000	19.192	16.382	43.231
39450.645	47223.715	30.842	32112.129	25.348
1.022				
12/10/2015 10:00:00 AM	770400.000	19.197	16.382	43.244
39380.648	47140.203	30.781	32055.340	25.393
1.022				
12/10/2015 10:15:00 AM	771300.000	19.206	16.382	43.263

39382.445	47142.176	30.782	32056.682	25.392
1.022				
12/10/2015 10:30:00 AM	772200.000	19.218	16.381	43.291
39403.223	47167.992	30.801	32074.234	25.379
1.022				
12/10/2015 10:45:00 AM	773100.000	19.228	16.381	43.313
39451.664	47226.457	30.844	32113.990	25.347
1.022				
12/10/2015 11:00:00 AM	774000.000	19.237	16.380	43.334
39420.070	47189.207	30.816	32088.662	25.368
1.022				
12/10/2015 11:15:00 AM	774900.000	19.234	16.381	43.326
39406.039	47171.938	30.804	32076.920	25.377
1.022				
12/10/2015 11:30:00 AM	775800.000	19.241	16.380	43.342
39450.203	47225.004	30.843	32113.006	25.348
1.022				
12/10/2015 11:45:00 AM	776700.000	19.245	16.380	43.352
39406.730	47173.426	30.805	32077.930	25.376
1.022				
12/10/2015 12:00:00 PM	777600.000	19.244	16.380	43.349
39403.875	47170.195	30.803	32075.732	25.378
1.022				
12/10/2015 12:15:00 PM	778500.000	19.250	16.380	43.363
39425.688	47196.500	30.822	32093.625	25.364
1.022				
12/10/2015 12:30:00 PM	779400.000	19.250	16.379	43.363
39448.992	47224.672	30.842	32112.777	25.349
1.022				
12/10/2015 12:45:00 PM	780300.000	19.258	16.380	43.380
39401.961	47168.293	30.801	32074.439	25.379
1.022				
12/10/2015 1:00:00 PM	781200.000	19.258	16.379	43.380
39405.992	47174.055	30.805	32078.357	25.377
1.022				
12/10/2015 1:15:00 PM	782100.000	19.258	16.379	43.382
39391.496	47156.043	30.792	32066.113	25.386
1.022				
12/10/2015 1:30:00 PM	783000.000	19.252	16.379	43.368
39421.910	47192.832	30.819	32091.129	25.367
1.022				
12/10/2015 1:45:00 PM	783900.000	19.256	16.379	43.375
39445.738	47221.547	30.840	32110.652	25.351
1.022				
12/10/2015 2:00:00 PM	784800.000	19.253	16.379	43.369
39444.723	47220.422	30.839	32109.891	25.352
1.022				
12/10/2015 2:15:00 PM	785700.000	19.255	16.378	43.374
39387.234	47152.273	30.789	32063.549	25.389
1.022				
12/10/2015 2:30:00 PM	786600.000	19.252	16.378	43.368
39385.938	47150.246	30.788	32062.168	25.390
1.022				
12/10/2015 2:45:00 PM	787500.000	19.247	16.378	43.355
39416.707	47188.023	30.815	32087.855	25.370
1.022				

12/10/2015 3:00:00 PM	788400.000	19.255	16.378	43.374
39410.781	47180.176	30.810	32082.520	25.374
1.022				
12/10/2015 3:15:00 PM	789300.000	19.267	16.378	43.402
39391.406	47157.648	30.793	32067.203	25.386
1.022				
12/10/2015 3:30:00 PM	790200.000	19.259	16.378	43.383
39382.539	47147.121	30.786	32060.043	25.392
1.022				
12/10/2015 3:45:00 PM	791100.000	19.264	16.377	43.395
39482.906	47267.371	30.873	32141.814	25.327
1.022				
12/10/2015 4:00:00 PM	792000.000	19.260	16.377	43.385
39429.063	47203.488	30.827	32098.373	25.362
1.022				
12/10/2015 4:15:00 PM	792900.000	19.258	16.377	43.380
39384.824	47150.426	30.788	32062.291	25.390
1.022				
12/10/2015 4:30:00 PM	793800.000	19.259	16.377	43.384
39413.930	47185.180	30.813	32085.922	25.372
1.022				
12/10/2015 4:45:00 PM	794700.000	19.254	16.377	43.372
39398.566	47166.402	30.800	32073.154	25.382
1.022				
12/10/2015 5:00:00 PM	795600.000	19.252	16.377	43.366
39440.840	47217.395	30.837	32107.830	25.354
1.022				
12/10/2015 5:15:00 PM	796500.000	19.243	16.377	43.346
39437.438	47213.320	30.834	32105.061	25.357
1.022				
12/10/2015 5:30:00 PM	797400.000	19.237	16.377	43.332
39448.633	47227.293	30.844	32114.559	25.349
1.022				
12/10/2015 5:45:00 PM	798300.000	19.237	16.377	43.334
39399.512	47168.008	30.801	32074.250	25.381
1.022				
12/10/2015 6:00:00 PM	799200.000	19.230	16.377	43.317
39425.711	47199.938	30.824	32095.959	25.364
1.022				
12/10/2015 6:15:00 PM	800100.000	19.222	16.376	43.299
39385.609	47152.031	30.789	32063.381	25.390
1.022				
12/10/2015 6:30:00 PM	801000.000	19.214	16.377	43.282
39430.977	47205.777	30.828	32099.930	25.361
1.022				
12/10/2015 6:45:00 PM	801900.000	19.213	16.377	43.280
39398.285	47166.820	30.800	32073.441	25.382
1.022				
12/10/2015 7:00:00 PM	802800.000	19.202	16.376	43.255
39414.609	47187.027	30.815	32087.182	25.371
1.022				
12/10/2015 7:15:00 PM	803700.000	19.197	16.377	43.243
39438.172	47214.770	30.835	32106.045	25.356
1.022				
12/10/2015 7:30:00 PM	804600.000	19.195	16.376	43.238
39440.074	47217.516	30.837	32107.910	25.355

1.022				
12/10/2015 7:45:00 PM	805500.000	19.187	16.376	43.221
39434.063	47210.129	30.831	32102.891	25.359
1.022				
12/10/2015 8:00:00 PM	806400.000	19.196	16.376	43.240
39427.227	47202.047	30.826	32097.393	25.363
1.022				
12/10/2015 8:15:00 PM	807300.000	19.192	16.376	43.233
39420.977	47194.934	30.820	32092.557	25.367
1.022				
12/10/2015 8:30:00 PM	808200.000	19.190	16.376	43.227
39433.922	47210.148	30.831	32102.902	25.359
1.022				
12/10/2015 8:45:00 PM	809100.000	19.177	16.376	43.198
39406.012	47177.020	30.807	32080.375	25.377
1.022				
12/10/2015 9:00:00 PM	810000.000	19.188	16.375	43.224
39423.008	47198.320	30.823	32094.859	25.366
1.022				
12/10/2015 9:15:00 PM	810900.000	19.191	16.376	43.230
39412.078	47184.090	30.812	32085.182	25.373
1.022				
12/10/2015 9:30:00 PM	811800.000	19.182	16.377	43.210
39402.832	47172.547	30.804	32077.336	25.379
1.022				
12/10/2015 9:45:00 PM	812700.000	19.191	16.375	43.230
39407.977	47179.945	30.809	32082.363	25.376
1.022				
12/10/2015 10:00:00 PM	813600.000	19.206	16.376	43.262
39401.840	47172.121	30.804	32077.045	25.380
1.022				
12/10/2015 10:15:00 PM	814500.000	19.198	16.376	43.246
39444.809	47223.859	30.841	32112.225	25.352
1.022				
12/10/2015 10:30:00 PM	815400.000	19.212	16.375	43.278
39438.672	47216.992	30.836	32107.555	25.356
1.022				
12/10/2015 10:45:00 PM	816300.000	19.229	16.376	43.316
39423.320	47197.938	30.823	32094.602	25.366
1.022				
12/10/2015 11:00:00 PM	817200.000	19.243	16.375	43.346
39432.934	47210.121	30.831	32102.887	25.360
1.022				
12/10/2015 11:15:00 PM	818100.000	19.250	16.375	43.363
39446.766	47226.961	30.844	32114.334	25.351
1.022				
12/10/2015 11:30:00 PM	819000.000	19.274	16.375	43.417
39425.914	47201.609	30.825	32097.096	25.364
1.022				
12/10/2015 11:45:00 PM	819900.000	19.286	16.375	43.443
39387.555	47156.164	30.792	32066.193	25.389
1.022				
12/11/2015 12:00:00 AM	820800.000	19.286	16.374	43.443
39447.625	47228.926	30.845	32115.674	25.350
1.022				
12/11/2015 12:15:00 AM	821700.000	19.309	16.374	43.495

39434.633	47213.195	30.834	32104.973	25.358
1.022				
12/11/2015 12:30:00 AM	822600.000	19.317	16.374	43.514
39446.938	47228.008	30.844	32115.047	25.351
1.022				
12/11/2015 12:45:00 AM	823500.000	19.330	16.374	43.544
39423.285	47199.887	30.824	32095.924	25.366
1.022				
12/11/2015 1:00:00 AM	824400.000	19.350	16.374	43.587
39437.141	47216.277	30.836	32107.070	25.357
1.022				
12/11/2015 1:15:00 AM	825300.000	19.352	16.374	43.592
39429.543	47207.758	30.830	32101.277	25.362
1.022				
12/11/2015 1:30:00 AM	826200.000	19.366	16.373	43.624
39402.488	47175.926	30.806	32079.631	25.379
1.022				
12/11/2015 1:45:00 AM	827100.000	19.385	16.373	43.667
39400.871	47174.098	30.805	32078.389	25.380
1.022				
12/11/2015 2:00:00 AM	828000.000	19.391	16.372	43.681
39442.664	47224.801	30.842	32112.865	25.353
1.022				
12/11/2015 2:15:00 AM	828900.000	19.409	16.372	43.721
39394.895	47167.789	30.800	32074.100	25.384
1.022				
12/11/2015 2:30:00 AM	829800.000	19.430	16.372	43.767
39454.090	47238.582	30.852	32122.238	25.346
1.022				
12/11/2015 2:45:00 AM	830700.000	19.441	16.371	43.793
39407.969	47184.480	30.812	32085.449	25.376
1.022				
12/11/2015 3:00:00 AM	831600.000	19.466	16.371	43.850
39425.680	47205.605	30.828	32099.814	25.364
1.022				
12/11/2015 3:15:00 AM	832500.000	19.482	16.371	43.885
39406.004	47182.316	30.811	32083.977	25.377
1.022				
12/11/2015 3:30:00 AM	833400.000	19.518	16.370	43.966
39408.281	47185.719	30.813	32086.293	25.375
1.022				
12/11/2015 3:45:00 AM	834300.000	19.520	16.370	43.971
39412.738	47191.625	30.818	32090.305	25.373
1.022				
12/11/2015 4:00:00 AM	835200.000	19.526	16.370	43.984
39388.969	47163.449	30.797	32071.148	25.388
1.022				
12/11/2015 4:15:00 AM	836100.000	19.547	16.369	44.031
39409.945	47189.234	30.816	32088.680	25.374
1.022				
12/11/2015 4:30:00 AM	837000.000	19.559	16.369	44.059
39434.301	47218.109	30.837	32108.314	25.359
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12/11/2015 4:45:00 AM	837900.000	19.581	16.368	44.108
39396.750	47173.996	30.805	32078.320	25.383
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12/11/2015 5:00:00 AM	838800.000	19.590	16.368	44.129
39404.188	47183.090	30.811	32084.504	25.378
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12/11/2015 5:15:00 AM	839700.000	19.601	16.368	44.154
39430.703	47214.738	30.834	32106.021	25.361
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12/11/2015 5:30:00 AM	840600.000	19.613	16.368	44.180
39378.902	47153.469	30.790	32064.361	25.394
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12/11/2015 5:45:00 AM	841500.000	19.629	16.367	44.216
39411.242	47192.672	30.818	32091.020	25.373
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12/11/2015 6:00:00 AM	842400.000	19.644	16.367	44.249
39375.215	47149.453	30.787	32061.631	25.397
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12/11/2015 6:15:00 AM	843300.000	19.660	16.366	44.286
39397.348	47176.992	30.807	32080.357	25.382
1.022				
12/11/2015 6:30:00 AM	844200.000	19.675	16.367	44.320
39403.727	47184.258	30.812	32085.297	25.378
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12/11/2015 6:45:00 AM	845100.000	19.686	16.366	44.344
39381.473	47158.074	30.793	32067.494	25.393
1.022				
12/11/2015 7:00:00 AM	846000.000	19.694	16.366	44.362
39435.156	47222.934	30.840	32111.600	25.358
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12/11/2015 7:15:00 AM	846900.000	19.719	16.365	44.420
39409.688	47193.191	30.818	32091.373	25.374
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12/11/2015 7:30:00 AM	847800.000	19.725	16.365	44.433
39414.773	47199.371	30.823	32095.574	25.371
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12/11/2015 7:45:00 AM	848700.000	19.756	16.365	44.503
39413.340	47197.652	30.822	32094.406	25.372
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12/11/2015 8:00:00 AM	849600.000	19.758	16.364	44.506
39395.934	47177.477	30.807	32080.686	25.383
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12/11/2015 8:15:00 AM	850500.000	19.776	16.364	44.548
39396.266	47177.875	30.807	32080.955	25.383
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12/11/2015 8:30:00 AM	851400.000	19.787	16.364	44.571
39425.309	47212.945	30.833	32104.805	25.364
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12/11/2015 8:45:00 AM	852300.000	19.820	16.363	44.647
39411.309	47197.215	30.821	32094.109	25.373
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12/11/2015 9:00:00 AM	853200.000	19.828	16.363	44.665
39370.641	47148.512	30.786	32060.990	25.400
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12/11/2015 9:15:00 AM	854100.000	19.857	16.362	44.730
39379.531	47160.117	30.794	32068.883	25.394
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12/11/2015 9:30:00 AM	855000.000	19.882	16.363	44.787
39393.445	47176.395	30.806	32079.953	25.385

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12/11/2015 9:45:00 AM	855900.000	19.894	16.362	44.814	
39374.469	47154.621	30.790	32065.145	25.397	
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12/11/2015 10:00:00 AM	856800.000	19.913	16.361	44.856	
39400.609	47186.973	30.814	32087.143	25.380	
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12/11/2015 10:15:00 AM	857700.000	19.932	16.361	44.899	
39390.078	47174.453	30.804	32078.629	25.387	
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12/11/2015 10:30:00 AM	858600.000	19.953	16.361	44.947	
39382.406	47164.801	30.797	32072.066	25.392	
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12/11/2015 10:45:00 AM	859500.000	19.967	16.360	44.978	
39381.699	47164.992	30.798	32072.197	25.393	
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12/11/2015 11:00:00 AM	860400.000	19.984	16.360	45.015	
39373.066	47155.023	30.790	32065.418	25.398	
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12/11/2015 11:15:00 AM	861300.000	19.994	16.359	45.039	
39355.914	47134.852	30.776	32051.701	25.409	
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12/11/2015 11:30:00 AM	862200.000	19.996	16.359	45.042	
39380.168	47164.008	30.797	32071.525	25.393	
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12/11/2015 11:45:00 AM	863100.000	20.011	16.358	45.078	
39395.875	47184.063	30.811	32085.164	25.383	
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39373.746	47157.078	30.792	32066.814	25.398	
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39383.656	47170.465	30.801	32075.916	25.391	
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12/11/2015 12:30:00 PM	865800.000	20.037	16.357	45.135	
39374.125	47159.238	30.793	32068.283	25.397	
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12/11/2015 12:45:00 PM	866700.000	20.051	16.357	45.166	
39359.320	47141.590	30.780	32056.281	25.407	
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12/11/2015 1:00:00 PM	867600.000	20.048	16.356	45.160	
39398.754	47190.250	30.816	32089.371	25.382	
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12/11/2015 1:15:00 PM	868500.000	20.051	16.356	45.167	
39357.285	47139.824	30.779	32055.080	25.408	
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12/11/2015 1:30:00 PM	869400.000	20.057	16.356	45.181	
39360.273	47143.883	30.782	32057.842	25.406	
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12/11/2015 1:45:00 PM	870300.000	20.055	16.355	45.176	
39339.965	47120.781	30.765	32042.133	25.419	
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12/11/2015 2:00:00 PM	871200.000	20.049	16.354	45.163	
39390.016	47181.398	30.809	32083.355	25.387	
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39369.488	47156.813	30.791	32066.635	25.400
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39406.445	47201.559	30.824	32097.061	25.377
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12/11/2015 2:45:00 PM	873900.000	20.039	16.354	45.141
39348.984	47132.621	30.774	32050.186	25.414
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12/11/2015 3:00:00 PM	874800.000	20.037	16.353	45.134
39371.918	47160.387	30.794	32069.064	25.399
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12/11/2015 3:15:00 PM	875700.000	20.036	16.354	45.134
39383.063	47173.633	30.803	32078.072	25.392
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12/11/2015 3:30:00 PM	876600.000	20.027	16.353	45.112
39361.531	47148.516	30.785	32060.994	25.406
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12/11/2015 3:45:00 PM	877500.000	20.019	16.352	45.094
39368.785	47157.773	30.792	32067.287	25.401
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12/11/2015 4:00:00 PM	878400.000	20.014	16.353	45.082
39772.430	47640.703	31.143	32395.680	25.143
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12/11/2015 4:15:00 PM	879300.000	20.001	16.353	45.055
39422.008	47221.434	30.838	32110.576	25.367
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12/11/2015 4:30:00 PM	880200.000	19.984	16.352	45.017
39396.883	47191.988	30.817	32090.553	25.383
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12/11/2015 4:45:00 PM	881100.000	19.988	16.352	45.024
39420.238	47220.359	30.837	32109.844	25.368
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12/11/2015 5:00:00 PM	882000.000	19.973	16.352	44.991
39413.047	47211.551	30.831	32103.855	25.372
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12/11/2015 5:15:00 PM	882900.000	19.963	16.352	44.970
39385.648	47178.820	30.807	32081.600	25.390
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12/11/2015 5:30:00 PM	883800.000	19.963	16.351	44.970
39398.016	47194.211	30.818	32092.068	25.382
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12/11/2015 5:45:00 PM	884700.000	19.952	16.351	44.944
39390.074	47184.883	30.811	32085.725	25.387
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12/11/2015 6:00:00 PM	885600.000	19.951	16.351	44.941
39366.199	47156.477	30.791	32066.406	25.403
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39354.445	47142.500	30.781	32056.900	25.410
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12/11/2015 6:30:00 PM	887400.000	19.940	16.351	44.916
39391.957	47187.332	30.813	32087.387	25.386
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39383.531	47177.996	30.806	32081.039	25.391
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39385.078	47179.941	30.808	32082.363	25.390
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39371.406	47162.902	30.795	32070.773	25.399
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12/11/2015 7:30:00 PM	891000.000	19.906	16.350	44.841
39379.496	47173.254	30.803	32077.813	25.394
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39361.129	47150.883	30.787	32062.604	25.406
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12/11/2015 8:00:00 PM	892800.000	19.898	16.350	44.823
39381.656	47175.473	30.805	32079.322	25.393
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39360.680	47150.621	30.786	32062.424	25.406
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39383.605	47179.031	30.807	32081.746	25.391
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39370.551	47163.125	30.796	32070.926	25.400
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12/11/2015 9:00:00 PM	896400.000	19.876	16.350	44.773
39343.680	47130.828	30.772	32048.965	25.417
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12/11/2015 9:15:00 PM	897300.000	19.874	16.349	44.768
39406.945	47206.992	30.827	32100.758	25.376
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12/11/2015 9:30:00 PM	898200.000	19.884	16.349	44.791
39361.234	47152.609	30.788	32063.777	25.406
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12/11/2015 9:45:00 PM	899100.000	19.876	16.349	44.773
39377.164	47171.418	30.802	32076.564	25.395
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12/11/2015 10:00:00 PM	900000.000	19.873	16.349	44.766
39389.914	47187.164	30.813	32087.273	25.387
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39377.273	47171.926	30.802	32076.912	25.395
1.022				
12/11/2015 10:30:00 PM	901800.000	19.884	16.348	44.791
39406.625	47207.457	30.828	32101.070	25.376
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39364.434	47156.742	30.791	32066.590	25.404
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12/11/2015 11:00:00 PM	903600.000	19.889	16.349	44.803
39357.859	47148.867	30.785	32061.234	25.408
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12/11/2015 11:15:00 PM	904500.000	19.898	16.348	44.822
39376.152	47171.152	30.801	32076.385	25.396
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39357.605	47149.211	30.785	32061.467	25.408

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39388.969	47187.262	30.813	32087.342	25.388	
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39371.918	47167.121	30.798	32073.643	25.399	
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12/12/2015 12:15:00 AM	908100.000	19.926	16.347	44.885	
39394.398	47194.242	30.818	32092.086	25.384	
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12/12/2015 12:30:00 AM	909000.000	19.923	16.347	44.879	
39392.926	47192.578	30.817	32090.953	25.385	
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39405.730	47208.020	30.828	32101.455	25.377	
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12/12/2015 1:00:00 AM	910800.000	19.932	16.346	44.898	
39385.324	47184.141	30.811	32085.217	25.390	
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12/12/2015 1:15:00 AM	911700.000	19.942	16.347	44.921	
39385.207	47183.711	30.810	32084.926	25.390	
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12/12/2015 1:30:00 AM	912600.000	19.937	16.346	44.911	
39349.324	47141.488	30.780	32056.213	25.413	
1.022					
12/12/2015 1:45:00 AM	913500.000	19.952	16.346	44.944	
39379.035	47176.688	30.805	32080.150	25.394	
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12/12/2015 2:00:00 AM	914400.000	19.947	16.346	44.933	
39388.531	47188.641	30.814	32088.275	25.388	
1.022					
12/12/2015 2:15:00 AM	915300.000	19.953	16.346	44.947	
39396.664	47198.570	30.821	32095.027	25.383	
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12/12/2015 2:30:00 AM	916200.000	19.957	16.345	44.956	
39396.113	47198.578	30.821	32095.035	25.383	
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12/12/2015 2:45:00 AM	917100.000	19.965	16.344	44.973	
39381.258	47181.441	30.809	32083.381	25.393	
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39367.527	47164.621	30.796	32071.945	25.402	
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12/12/2015 3:15:00 AM	918900.000	19.970	16.344	44.985	
39389.637	47191.590	30.816	32090.283	25.387	
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12/12/2015 3:30:00 AM	919800.000	19.977	16.344	45.001	
39382.086	47182.621	30.809	32084.188	25.392	
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12/12/2015 3:45:00 AM	920700.000	19.981	16.344	45.008	
39395.820	47199.477	30.822	32095.646	25.383	
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12/12/2015 4:00:00 AM	921600.000	19.986	16.344	45.020	
39382.086	47182.621	30.809	32084.188	25.392	
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12/12/2015 4:15:00 AM	922500.000	19.989	16.343	45.028	

39389.367	47192.195	30.816	32090.695	25.388
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39396.707	47201.188	30.823	32096.809	25.383
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12/12/2015 4:45:00 AM	924300.000	19.984	16.343	45.017
39380.801	47182.328	30.809	32083.984	25.393
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12/12/2015 5:00:00 AM	925200.000	19.992	16.343	45.034
39393.707	47198.164	30.821	32094.754	25.385
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12/12/2015 5:15:00 AM	926100.000	19.993	16.343	45.037
39376.645	47177.242	30.805	32080.527	25.396
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12/12/2015 5:30:00 AM	927000.000	19.992	16.343	45.034
39404.180	47210.809	30.830	32103.352	25.378
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39387.957	47191.465	30.816	32090.199	25.388
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12/12/2015 6:00:00 AM	928800.000	20.000	16.342	45.052
39379.352	47181.633	30.809	32083.512	25.394
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12/12/2015 6:15:00 AM	929700.000	19.996	16.342	45.042
39385.660	47189.668	30.814	32088.979	25.390
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12/12/2015 6:30:00 AM	930600.000	20.000	16.342	45.053
39367.895	47168.273	30.799	32074.428	25.401
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12/12/2015 6:45:00 AM	931500.000	20.006	16.341	45.066
39399.355	47206.734	30.827	32100.582	25.381
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12/12/2015 7:00:00 AM	932400.000	20.004	16.341	45.061
39395.836	47202.426	30.824	32097.652	25.383
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12/12/2015 7:15:00 AM	933300.000	20.007	16.341	45.067
39390.680	47196.340	30.819	32093.514	25.387
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12/12/2015 7:30:00 AM	934200.000	20.016	16.341	45.088
39394.113	47200.563	30.822	32096.387	25.385
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12/12/2015 7:45:00 AM	935100.000	20.017	16.340	45.090
39357.051	47157.191	30.791	32066.891	25.408
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12/12/2015 8:00:00 AM	936000.000	20.023	16.340	45.103
39366.520	47168.445	30.799	32074.543	25.402
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12/12/2015 8:15:00 AM	936900.000	20.028	16.340	45.116
39374.496	47177.902	30.806	32080.975	25.397
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39370.078	47172.609	30.802	32077.377	25.400
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39384.891	47190.355	30.815	32089.443	25.390
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12/12/2015 9:00:00 AM	939600.000	20.044	16.339	45.152
39389.789	47196.895	30.819	32093.891	25.387
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39403.305	47212.891	30.831	32104.768	25.379
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39394.270	47203.113	30.824	32098.117	25.384
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12/12/2015 9:45:00 AM	942300.000	20.060	16.339	45.187
39401.031	47210.926	30.830	32103.432	25.380
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12/12/2015 10:00:00 AM	943200.000	20.063	16.339	45.193
39415.625	47228.414	30.842	32115.322	25.371
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12/12/2015 10:15:00 AM	944100.000	20.069	16.338	45.207
39388.047	47196.695	30.819	32093.754	25.388
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12/12/2015 10:30:00 AM	945000.000	20.087	16.338	45.248
39389.000	47197.656	30.820	32094.406	25.388
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12/12/2015 10:45:00 AM	945900.000	20.089	16.338	45.253
39426.590	47242.410	30.852	32124.840	25.364
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12/12/2015 11:00:00 AM	946800.000	20.098	16.338	45.272
39412.359	47226.023	30.841	32113.697	25.373
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12/12/2015 11:15:00 AM	947700.000	20.106	16.337	45.291
39368.781	47174.566	30.803	32078.705	25.401
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12/12/2015 11:30:00 AM	948600.000	20.104	16.337	45.286
39395.012	47205.707	30.826	32099.885	25.384
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39402.727	47215.242	30.833	32106.365	25.379
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12/12/2015 12:00:00 PM	950400.000	20.122	16.337	45.326
39395.852	47207.293	30.827	32100.959	25.383
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12/12/2015 12:15:00 PM	951300.000	20.120	16.336	45.322
39407.113	47221.066	30.837	32110.328	25.376
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39361.488	47166.871	30.797	32073.475	25.406
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12/12/2015 12:45:00 PM	953100.000	20.132	16.335	45.350
39397.395	47210.660	30.829	32103.252	25.382
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12/12/2015 1:00:00 PM	954000.000	20.124	16.335	45.331
39377.246	47186.695	30.812	32086.955	25.395
1.022				
12/12/2015 1:15:00 PM	954900.000	20.126	16.335	45.335
39386.332	47197.781	30.820	32094.494	25.390
1.022				
12/12/2015 1:30:00 PM	955800.000	20.124	16.334	45.331
39397.379	47211.594	30.830	32103.885	25.382

1.022				
12/12/2015 1:45:00 PM	956700.000	20.128	16.334	45.339
39414.477	47232.168	30.845	32117.879	25.371
1.022				
12/12/2015 2:00:00 PM	957600.000	20.121	16.334	45.325
39361.742	47168.973	30.799	32074.906	25.405
1.022				
12/12/2015 2:15:00 PM	958500.000	20.108	16.334	45.296
39373.805	47183.527	30.809	32084.801	25.398
1.022				
12/12/2015 2:30:00 PM	959400.000	20.092	16.334	45.260
39364.309	47172.523	30.801	32077.316	25.404
1.022				
12/12/2015 2:45:00 PM	960300.000	20.080	16.334	45.231
39394.180	47208.230	30.827	32101.602	25.384
1.022				
12/12/2015 3:00:00 PM	961200.000	20.076	16.334	45.223
39384.320	47196.797	30.819	32093.822	25.391
1.022				
12/12/2015 3:15:00 PM	962100.000	20.057	16.333	45.181
39406.676	47223.965	30.839	32112.297	25.376
1.022				
12/12/2015 3:30:00 PM	963000.000	20.041	16.333	45.145
39377.398	47189.266	30.813	32088.703	25.395
1.022				
12/12/2015 3:45:00 PM	963900.000	20.027	16.333	45.113
39412.609	47231.742	30.844	32117.588	25.373
1.022				
12/12/2015 4:00:00 PM	964800.000	20.011	16.333	45.077
39390.414	47204.953	30.825	32099.369	25.387
1.022				
12/12/2015 4:15:00 PM	965700.000	20.004	16.333	45.062
39398.082	47214.332	30.832	32105.748	25.382
1.022				
12/12/2015 4:30:00 PM	966600.000	19.988	16.332	45.024
39570.566	47421.418	30.982	32246.566	25.271
1.023				
12/12/2015 4:45:00 PM	967500.000	19.982	16.333	45.011
39459.969	47288.406	30.886	32156.121	25.342
1.023				
12/12/2015 5:00:00 PM	968400.000	19.962	16.332	44.966
39432.535	47256.094	30.862	32134.148	25.360
1.022				
12/12/2015 5:15:00 PM	969300.000	19.961	16.332	44.964
39411.598	47231.289	30.844	32117.279	25.373
1.022				
12/12/2015 5:30:00 PM	970200.000	19.945	16.332	44.927
39409.840	47229.184	30.842	32115.848	25.374
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12/12/2015 5:45:00 PM	971100.000	19.928	16.332	44.889
39404.277	47222.516	30.838	32111.313	25.378
1.022				
12/12/2015 6:00:00 PM	972000.000	19.925	16.332	44.883
39374.168	47186.336	30.811	32086.711	25.397
1.022				
12/12/2015 6:15:00 PM	972900.000	19.908	16.332	44.844

39393.613	47209.547	30.828	32102.494	25.385
1.022				
12/12/2015 6:30:00 PM	973800.000	19.894	16.331	44.814
39424.168	47246.832	30.855	32127.846	25.365
1.022				
12/12/2015 6:45:00 PM	974700.000	19.883	16.332	44.789
39403.758	47221.996	30.837	32110.959	25.378
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12/12/2015 7:00:00 PM	975600.000	19.871	16.332	44.761
39421.891	47243.625	30.853	32125.668	25.367
1.022				
12/12/2015 7:15:00 PM	976500.000	19.861	16.332	44.738
39437.004	47261.637	30.866	32137.916	25.357
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12/12/2015 7:30:00 PM	977400.000	19.851	16.332	44.716
39402.363	47220.406	30.836	32109.879	25.379
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12/12/2015 7:45:00 PM	978300.000	19.833	16.331	44.677
39426.797	47250.645	30.858	32130.439	25.363
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12/12/2015 8:00:00 PM	979200.000	19.832	16.332	44.673
39418.344	47239.477	30.850	32122.844	25.369
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12/12/2015 8:15:00 PM	980100.000	19.826	16.331	44.660
39413.293	47233.879	30.846	32119.037	25.372
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12/12/2015 8:30:00 PM	981000.000	19.811	16.331	44.627
39437.316	47262.672	30.867	32138.619	25.357
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39396.145	47213.059	30.831	32104.881	25.383
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12/12/2015 9:00:00 PM	982800.000	19.798	16.332	44.596
39417.254	47238.066	30.849	32121.887	25.370
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12/12/2015 9:15:00 PM	983700.000	19.783	16.331	44.563
39417.383	47238.703	30.849	32122.318	25.370
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12/12/2015 9:30:00 PM	984600.000	19.780	16.332	44.557
39424.113	47246.289	30.855	32127.480	25.365
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39399.582	47217.180	30.834	32107.682	25.381
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12/12/2015 10:00:00 PM	986400.000	19.763	16.331	44.518
39422.527	47245.047	30.854	32126.633	25.366
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12/12/2015 10:15:00 PM	987300.000	19.762	16.331	44.516
39438.742	47264.379	30.868	32139.777	25.356
1.022				
12/12/2015 10:30:00 PM	988200.000	19.756	16.331	44.503
39444.781	47271.816	30.873	32144.836	25.352
1.023				
12/12/2015 10:45:00 PM	989100.000	19.744	16.332	44.475
39446.074	47272.707	30.874	32145.443	25.351
1.023				

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39407.008	47225.891	30.840	32113.605	25.376
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39445.078	47272.172	30.874	32145.080	25.352
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12/12/2015 11:30:00 PM	991800.000	19.738	16.332	44.461
39427.746	47251.012	30.858	32130.688	25.363
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12/12/2015 11:45:00 PM	992700.000	19.732	16.331	44.449
39409.844	47230.328	30.843	32116.623	25.374
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12/13/2015 12:00:00 AM	993600.000	19.723	16.331	44.427
39434.262	47259.781	30.865	32136.654	25.359
1.022				
12/13/2015 12:15:00 AM	994500.000	19.728	16.331	44.439
39400.723	47218.734	30.835	32108.742	25.380
1.022				
12/13/2015 12:30:00 AM	995400.000	19.725	16.331	44.432
39431.719	47256.254	30.862	32134.254	25.360
1.022				
12/13/2015 12:45:00 AM	996300.000	19.717	16.331	44.415
39449.820	47277.855	30.878	32148.941	25.349
1.023				
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39431.781	47256.715	30.862	32134.566	25.360
1.022				
12/13/2015 1:15:00 AM	998100.000	19.717	16.330	44.415
39446.852	47275.160	30.876	32147.109	25.351
1.023				
12/13/2015 1:30:00 AM	999000.000	19.714	16.331	44.408
39413.813	47234.902	30.847	32119.736	25.372
1.022				
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39448.715	47277.102	30.877	32148.430	25.349
1.023				
12/13/2015 2:00:00 AM	1000800.000	19.710	16.331	44.399
39432.270	47257.203	30.863	32134.898	25.360
1.022				
12/13/2015 2:15:00 AM	1001700.000	19.705	16.331	44.388
39455.551	47285.293	30.883	32154.004	25.345
1.023				
12/13/2015 2:30:00 AM	1002600.000	19.699	16.330	44.375
39427.273	47251.594	30.859	32131.084	25.363
1.022				
12/13/2015 2:45:00 AM	1003500.000	19.705	16.330	44.388
39450.039	47279.453	30.879	32150.031	25.349
1.023				
12/13/2015 3:00:00 AM	1004400.000	19.695	16.330	44.366
39474.398	47308.172	30.900	32169.559	25.333
1.023				
12/13/2015 3:15:00 AM	1005300.000	19.698	16.331	44.371
39432.879	47258.219	30.863	32135.590	25.360
1.022				
12/13/2015 3:30:00 AM	1006200.000	19.707	16.331	44.392
39442.563	47269.824	30.872	32143.482	25.353

1.023					
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39463.078	47295.844	30.891	32161.174	25.340	
1.023					
12/13/2015 4:00:00 AM	1008000.000	19.702	16.330	44.381	
39466.453	47298.648	30.893	32163.082	25.338	
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39461.262	47293.855	30.889	32159.824	25.341	
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12/13/2015 4:30:00 AM	1009800.000	19.701	16.329	44.378	
39448.816	47279.133	30.879	32149.811	25.349	
1.023					
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39441.285	47269.441	30.872	32143.223	25.354	
1.023					
12/13/2015 5:00:00 AM	1011600.000	19.691	16.329	44.355	
39442.359	47271.012	30.873	32144.291	25.353	
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12/13/2015 5:15:00 AM	1012500.000	19.687	16.329	44.346	
39454.414	47285.648	30.883	32154.244	25.346	
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12/13/2015 5:30:00 AM	1013400.000	19.687	16.329	44.346	
39481.371	47318.527	30.907	32176.602	25.328	
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12/13/2015 5:45:00 AM	1014300.000	19.681	16.329	44.334	
39639.359	47507.113	31.044	32304.840	25.227	
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39526.820	47372.516	30.947	32213.311	25.299	
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39621.051	47485.168	31.029	32289.918	25.239	
1.023					
12/13/2015 6:30:00 AM	1017000.000	19.676	16.329	44.322	
39572.824	47428.023	30.987	32251.057	25.270	
1.023					
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39624.469	47490.027	31.032	32293.221	25.237	
1.023					
12/13/2015 7:00:00 AM	1018800.000	19.672	16.328	44.313	
39642.559	47512.082	31.048	32308.221	25.225	
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39632.680	47500.242	31.039	32300.168	25.232	
1.023					
12/13/2015 7:30:00 AM	1020600.000	19.664	16.328	44.296	
39631.313	47498.523	31.038	32298.996	25.233	
1.023					
12/13/2015 7:45:00 AM	1021500.000	19.668	16.328	44.303	
39647.895	47518.289	31.053	32312.439	25.222	
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12/13/2015 8:00:00 AM	1022400.000	19.665	16.328	44.297	
39647.918	47518.707	31.053	32312.721	25.222	
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12/13/2015 8:15:00 AM	1023300.000	19.672	16.328	44.314	

39600.070	47461.641	31.011	32273.918	25.252
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12/13/2015 8:30:00 AM	1024200.000	19.668	16.328	44.303
39594.422	47454.789	31.006	32269.260	25.256
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12/13/2015 8:45:00 AM	1025100.000	19.674	16.328	44.317
39566.949	47422.145	30.983	32247.059	25.274
1.023				
12/13/2015 9:00:00 AM	1026000.000	19.673	16.328	44.316
39558.523	47411.762	30.975	32239.998	25.279
1.023				
12/13/2015 9:15:00 AM	1026900.000	19.678	16.328	44.326
39533.242	47381.746	30.953	32219.590	25.295
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39613.133	47477.109	31.023	32284.436	25.244
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39581.621	47439.531	30.995	32258.881	25.264
1.023				
12/13/2015 10:00:00 AM	1029600.000	19.700	16.327	44.376
39594.742	47455.836	31.007	32269.971	25.256
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39568.973	47425.703	30.985	32249.480	25.272
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39592.496	47454.004	31.006	32268.723	25.257
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39559.102	47414.070	30.977	32241.570	25.279
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12/13/2015 11:00:00 AM	1033200.000	19.725	16.327	44.432
39543.113	47394.438	30.962	32228.223	25.289
1.023				
12/13/2015 11:15:00 AM	1034100.000	19.739	16.326	44.465
39530.633	47380.148	30.952	32218.502	25.297
1.023				
12/13/2015 11:30:00 AM	1035000.000	19.745	16.326	44.478
39547.852	47400.680	30.967	32232.463	25.286
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39547.789	47401.465	30.967	32232.998	25.286
1.023				
12/13/2015 12:00:00 PM	1036800.000	19.758	16.325	44.507
39502.992	47347.961	30.928	32196.613	25.315
1.023				
12/13/2015 12:15:00 PM	1037700.000	19.763	16.326	44.518
39506.637	47352.039	30.931	32199.387	25.312
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12/13/2015 12:30:00 PM	1038600.000	19.771	16.325	44.536
39528.227	47378.598	30.951	32217.449	25.298
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12/13/2015 12:45:00 PM	1039500.000	19.778	16.325	44.551
39535.871	47387.563	30.957	32223.545	25.293
1.023				

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39538.152	47390.582	30.959	32225.598	25.292
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12/13/2015 1:15:00 PM	1041300.000	19.787	16.324	44.573
39527.563	47378.281	30.950	32217.236	25.299
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12/13/2015 1:30:00 PM	1042200.000	19.791	16.324	44.581
39557.711	47414.980	30.977	32242.188	25.280
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39535.012	47387.688	30.957	32223.629	25.294
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12/13/2015 2:00:00 PM	1044000.000	19.791	16.324	44.581
39530.426	47382.473	30.953	32220.086	25.297
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12/13/2015 2:15:00 PM	1044900.000	19.793	16.324	44.586
39521.102	47371.480	30.945	32212.607	25.303
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39529.719	47382.008	30.953	32219.768	25.297
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39531.348	47384.340	30.955	32221.352	25.296
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39517.465	47368.363	30.943	32210.490	25.305
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39543.832	47398.926	30.965	32231.270	25.288
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39538.066	47392.578	30.961	32226.955	25.292
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12/13/2015 3:45:00 PM	1050300.000	19.720	16.323	44.422
39511.527	47360.395	30.937	32205.070	25.309
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39522.914	47374.316	30.947	32214.539	25.302
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39542.156	47397.578	30.964	32230.354	25.289
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12/13/2015 4:30:00 PM	1053000.000	19.672	16.322	44.314
39509.887	47359.277	30.936	32204.311	25.310
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39512.660	47362.504	30.939	32206.504	25.308
1.023				
12/13/2015 5:00:00 PM	1054800.000	19.650	16.322	44.263
39504.754	47353.414	30.932	32200.324	25.313
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12/13/2015 5:15:00 PM	1055700.000	19.634	16.322	44.227
39537.113	47392.766	30.961	32227.082	25.293
1.023				
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39522.344	47374.781	30.948	32214.852	25.302

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39512.867	47362.949	30.939	32206.811	25.308
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39550.457	47408.480	30.972	32237.770	25.284
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12/13/2015 6:15:00 PM	1059300.000	19.594	16.322	44.137
39541.887	47398.207	30.965	32230.781	25.290
1.023				
12/13/2015 6:30:00 PM	1060200.000	19.586	16.322	44.119
39536.445	47391.492	30.960	32226.215	25.293
1.023				
12/13/2015 6:45:00 PM	1061100.000	19.578	16.323	44.101
39559.941	47419.180	30.980	32245.045	25.278
1.023				
12/13/2015 7:00:00 PM	1062000.000	19.561	16.322	44.064
39569.039	47430.563	30.988	32252.785	25.272
1.023				
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39511.875	47362.234	30.939	32206.322	25.309
1.023				
12/13/2015 7:30:00 PM	1063800.000	19.549	16.322	44.036
39568.539	47430.254	30.988	32252.574	25.273
1.023				
12/13/2015 7:45:00 PM	1064700.000	19.536	16.323	44.008
39565.305	47425.609	30.985	32249.416	25.275
1.023				
12/13/2015 8:00:00 PM	1065600.000	19.526	16.322	43.985
39555.605	47414.270	30.976	32241.703	25.281
1.023				
12/13/2015 8:15:00 PM	1066500.000	19.518	16.322	43.967
39568.754	47430.223	30.988	32252.553	25.272
1.023				
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39552.582	47411.027	30.974	32239.498	25.283
1.023				
12/13/2015 8:45:00 PM	1068300.000	19.500	16.322	43.925
39547.262	47404.750	30.970	32235.232	25.286
1.023				
12/13/2015 9:00:00 PM	1069200.000	19.498	16.322	43.921
39578.953	47442.445	30.997	32260.863	25.266
1.023				
12/13/2015 9:15:00 PM	1070100.000	19.493	16.322	43.910
39553.980	47412.324	30.975	32240.383	25.282
1.023				
12/13/2015 9:30:00 PM	1071000.000	19.487	16.322	43.895
39572.672	47435.109	30.992	32255.875	25.270
1.023				
12/13/2015 9:45:00 PM	1071900.000	19.480	16.322	43.880
39576.063	47438.699	30.994	32258.316	25.268
1.023				
12/13/2015 10:00:00 PM	1072800.000	19.475	16.323	43.870
39573.266	47434.957	30.992	32255.771	25.270
1.023				
12/13/2015 10:15:00 PM	1073700.000	19.469	16.323	43.856

39558.422	47417.359	30.979	32243.805	25.279
1.023				
12/13/2015 10:30:00 PM	1074600.000	19.463	16.323	43.843
39564.816	47425.023	30.984	32249.016	25.275
1.023				
12/13/2015 10:45:00 PM	1075500.000	19.460	16.322	43.835
39580.309	47443.691	30.998	32261.711	25.265
1.023				
12/13/2015 11:00:00 PM	1076400.000	19.459	16.323	43.834
39540.082	47394.809	30.962	32228.475	25.291
1.023				
12/13/2015 11:15:00 PM	1077300.000	19.452	16.323	43.818
39535.363	47389.719	30.959	32225.010	25.294
1.023				
12/13/2015 11:30:00 PM	1078200.000	19.451	16.322	43.815
39585.629	47450.168	31.003	32266.117	25.262
1.023				
12/13/2015 11:45:00 PM	1079100.000	19.447	16.322	43.805
39597.594	47464.508	31.013	32275.867	25.254
1.023				
12/14/2015 12:00:00 AM	1080000.000	19.450	16.322	43.812
39564.668	47424.945	30.984	32248.967	25.275
1.023				
12/14/2015 12:15:00 AM	1080900.000	19.444	16.323	43.800
39570.348	47431.461	30.989	32253.395	25.271
1.023				
12/14/2015 12:30:00 AM	1081800.000	19.445	16.323	43.802
39596.488	47462.793	31.012	32274.699	25.255
1.023				
12/14/2015 12:45:00 AM	1082700.000	19.447	16.323	43.806
39612.078	47481.590	31.025	32287.482	25.245
1.023				
12/14/2015 1:00:00 AM	1083600.000	19.441	16.322	43.793
39582.629	47446.570	31.000	32263.668	25.264
1.023				
12/14/2015 1:15:00 AM	1084500.000	19.445	16.323	43.803
39579.824	47442.629	30.997	32260.990	25.265
1.023				
12/14/2015 1:30:00 AM	1085400.000	19.449	16.322	43.810
39631.648	47505.422	31.043	32303.688	25.232
1.023				
12/14/2015 1:45:00 AM	1086300.000	19.447	16.322	43.806
39600.063	47467.660	31.015	32278.012	25.252
1.023				
12/14/2015 2:00:00 AM	1087200.000	19.443	16.322	43.796
39592.598	47458.898	31.009	32272.053	25.257
1.023				
12/14/2015 2:15:00 AM	1088100.000	19.452	16.322	43.818
39582.777	47446.938	31.000	32263.920	25.264
1.023				
12/14/2015 2:30:00 AM	1089000.000	19.454	16.322	43.821
39582.770	47447.410	31.001	32264.240	25.264
1.023				
12/14/2015 2:45:00 AM	1089900.000	19.457	16.322	43.828
39591.063	47457.352	31.008	32271.000	25.258
1.023				

12/14/2015 3:00:00 AM	1090800.000	19.455	16.322	43.824
39593.695	47460.508	31.010	32273.148	25.257
1.023				
12/14/2015 3:15:00 AM	1091700.000	19.456	16.321	43.828
39580.383	47445.031	30.999	32262.623	25.265
1.023				
12/14/2015 3:30:00 AM	1092600.000	19.466	16.321	43.850
39581.320	47446.438	31.000	32263.580	25.264
1.023				
12/14/2015 3:45:00 AM	1093500.000	19.484	16.321	43.890
39614.219	47486.152	31.029	32290.584	25.243
1.023				
12/14/2015 4:00:00 AM	1094400.000	19.490	16.321	43.903
39624.078	47497.309	31.037	32298.172	25.237
1.023				
12/14/2015 4:15:00 AM	1095300.000	19.492	16.321	43.907
39619.383	47492.637	31.033	32294.994	25.240
1.023				
12/14/2015 4:30:00 AM	1096200.000	19.493	16.320	43.911
39600.648	47470.277	31.017	32279.789	25.252
1.023				
12/14/2015 4:45:00 AM	1097100.000	19.494	16.321	43.912
39597.797	47466.660	31.014	32277.332	25.254
1.023				
12/14/2015 5:00:00 AM	1098000.000	19.492	16.321	43.907
39602.797	47472.555	31.019	32281.338	25.251
1.023				
12/14/2015 5:15:00 AM	1098900.000	19.493	16.320	43.911
39578.414	47443.996	30.998	32261.922	25.266
1.023				
12/14/2015 5:30:00 AM	1099800.000	19.490	16.320	43.904
39627.727	47502.828	31.041	32301.926	25.235
1.023				
12/14/2015 5:45:00 AM	1100700.000	19.498	16.320	43.921
39626.176	47501.250	31.040	32300.850	25.236
1.023				
12/14/2015 6:00:00 AM	1101600.000	19.493	16.321	43.911
39620.691	47494.102	31.034	32295.990	25.239
1.023				
12/14/2015 6:15:00 AM	1102500.000	19.498	16.320	43.921
39609.930	47481.867	31.026	32287.670	25.246
1.023				
12/14/2015 6:30:00 AM	1103400.000	19.495	16.320	43.915
39609.742	47481.645	31.025	32287.521	25.246
1.023				
12/14/2015 6:45:00 AM	1104300.000	19.494	16.320	43.913
39615.836	47489.055	31.031	32292.557	25.242
1.023				
12/14/2015 7:00:00 AM	1105200.000	19.495	16.319	43.915
39626.973	47502.887	31.041	32301.963	25.235
1.023				
12/14/2015 7:15:00 AM	1106100.000	19.491	16.320	43.905
39627.230	47502.715	31.041	32301.846	25.235
1.023				
12/14/2015 7:30:00 AM	1107000.000	19.500	16.320	43.926
39651.188	47531.625	31.062	32321.506	25.220

1.023				
12/14/2015 7:45:00 AM	1107900.000	19.504	16.319	43.934
39620.383	47494.988	31.035	32296.592	25.240
1.023				
12/14/2015 8:00:00 AM	1108800.000	19.509	16.319	43.945
39629.883	47506.750	31.044	32304.592	25.233
1.023				
12/14/2015 8:15:00 AM	1109700.000	19.518	16.319	43.967
39612.875	47486.363	31.029	32290.730	25.244
1.023				
12/14/2015 8:30:00 AM	1110600.000	19.523	16.319	43.977
39612.516	47486.121	31.029	32290.566	25.245
1.023				
12/14/2015 8:45:00 AM	1111500.000	19.529	16.319	43.992
39618.328	47493.484	31.034	32295.570	25.241
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12/14/2015 9:00:00 AM	1112400.000	19.536	16.319	44.008
39651.398	47532.832	31.063	32322.326	25.220
1.023				
12/14/2015 9:15:00 AM	1113300.000	19.547	16.319	44.032
39601.176	47472.816	31.019	32281.518	25.252
1.023				
12/14/2015 9:30:00 AM	1114200.000	19.542	16.318	44.020
39581.531	47449.941	31.002	32265.961	25.264
1.023				
12/14/2015 9:45:00 AM	1115100.000	19.548	16.318	44.034
39615.695	47490.609	31.032	32293.617	25.243
1.023				
12/14/2015 10:00:00 AM	1116000.000	19.553	16.318	44.044
39609.301	47483.039	31.026	32288.467	25.247
1.023				
12/14/2015 10:15:00 AM	1116900.000	19.562	16.318	44.064
39627.875	47505.676	31.043	32303.859	25.235
1.023				
12/14/2015 10:30:00 AM	1117800.000	19.567	16.318	44.076
39639.953	47520.066	31.053	32313.645	25.227
1.023				
12/14/2015 10:45:00 AM	1118700.000	19.578	16.317	44.101
39633.953	47513.734	31.049	32309.342	25.231
1.023				
12/14/2015 11:00:00 AM	1119600.000	19.582	16.318	44.111
39619.797	47496.285	31.036	32297.479	25.240
1.023				
12/14/2015 11:15:00 AM	1120500.000	19.585	16.318	44.118
39635.793	47515.277	31.050	32310.391	25.230
1.023				
12/14/2015 11:30:00 AM	1121400.000	19.585	16.317	44.117
39642.004	47523.672	31.056	32316.102	25.226
1.023				
12/14/2015 11:45:00 AM	1122300.000	19.599	16.317	44.148
39636.387	47516.652	31.051	32311.324	25.229
1.023				
12/14/2015 12:00:00 PM	1123200.000	19.599	16.316	44.148
39640.309	47522.121	31.055	32315.045	25.227
1.023				
12/14/2015 12:15:00 PM	1124100.000	19.607	16.317	44.166

39656.332	47541.129	31.068	32327.969	25.217
1.023				
12/14/2015 12:30:00 PM	1125000.000	19.613	16.317	44.179
39651.766	47535.762	31.065	32324.322	25.220
1.023				
12/14/2015 12:45:00 PM	1125900.000	19.623	16.316	44.202
39645.781	47528.770	31.059	32319.564	25.223
1.023				
12/14/2015 1:00:00 PM	1126800.000	19.626	16.316	44.209
39639.176	47521.434	31.054	32314.574	25.228
1.023				
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39665.789	47553.055	31.077	32336.078	25.211
1.023				
12/14/2015 1:30:00 PM	1128600.000	19.636	16.315	44.232
39639.855	47522.730	31.055	32315.461	25.227
1.023				
12/14/2015 1:45:00 PM	1129500.000	19.633	16.315	44.224
39671.797	47561.023	31.083	32341.500	25.207
1.023				
12/14/2015 2:00:00 PM	1130400.000	19.643	16.315	44.249
39685.336	47577.445	31.095	32352.664	25.198
1.023				
12/14/2015 2:15:00 PM	1131300.000	19.645	16.314	44.252
39628.543	47510.207	31.046	32306.941	25.234
1.023				
12/14/2015 2:30:00 PM	1132200.000	19.646	16.315	44.255
39645.836	47530.473	31.061	32320.725	25.223
1.023				
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39635.723	47518.723	31.052	32312.732	25.230
1.023				
12/14/2015 3:00:00 PM	1134000.000	19.643	16.314	44.249
39630.965	47513.309	31.048	32309.051	25.233
1.023				
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39648.074	47534.012	31.063	32323.131	25.222
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39625.836	47507.539	31.044	32305.131	25.236
1.023				
12/14/2015 3:45:00 PM	1136700.000	19.630	16.314	44.219
39658.371	47546.746	31.072	32331.787	25.215
1.023				
12/14/2015 4:00:00 PM	1137600.000	19.622	16.313	44.199
39636.000	47520.590	31.053	32314.004	25.230
1.023				
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39633.379	47517.359	31.051	32311.807	25.231
1.023				
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39636.980	47521.855	31.054	32314.861	25.229
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39651.828	47539.477	31.067	32326.848	25.220
1.023				

12/14/2015 5:00:00 PM 39619.523 1.023	1141200.000 47500.555	19.588 31.039	16.313 32300.377	44.125 25.240
12/14/2015 5:15:00 PM 39643.031 1.023	1142100.000 47528.930	19.583 31.059	16.313 32319.672	44.113 25.225
12/14/2015 5:30:00 PM 39659.734 1.023	1143000.000 47549.043	19.586 31.074	16.313 32333.352	44.119 25.214
12/14/2015 5:45:00 PM 39643.891 1.023	1143900.000 47530.910	19.583 31.061	16.312 32321.021	44.113 25.225
12/14/2015 6:00:00 PM 39671.332 1.023	1144800.000 47563.723	19.575 31.085	16.312 32343.334	44.096 25.207
12/14/2015 6:15:00 PM 39655.328 1.023	1145700.000 47545.008	19.573 31.071	16.312 32330.607	44.089 25.217
12/14/2015 6:30:00 PM 39645.184 1.023	1146600.000 47531.801	19.559 31.061	16.313 32321.625	44.058 25.224
12/14/2015 6:45:00 PM 39626.711 1.023	1147500.000 47510.027	19.552 31.046	16.313 32306.820	44.043 25.236
12/14/2015 7:00:00 PM 39670.762 1.023	1148400.000 47562.840	19.544 31.084	16.313 32342.732	44.024 25.207
12/14/2015 7:15:00 PM 39669.594 1.023	1149300.000 47561.641	19.536 31.083	16.312 32341.918	44.007 25.208
12/14/2015 7:30:00 PM 39633.336 1.023	1150200.000 47518.352	19.518 31.052	16.312 32312.480	43.966 25.231
12/14/2015 7:45:00 PM 39646.441 1.023	1151100.000 47534.355	19.513 31.063	16.312 32323.363	43.956 25.223
12/14/2015 8:00:00 PM 39647.273 1.023	1152000.000 47535.449	19.507 31.064	16.312 32324.107	43.941 25.222
12/14/2015 8:15:00 PM 39640.652 1.023	1152900.000 47527.313	19.494 31.058	16.312 32318.572	43.913 25.227
12/14/2015 8:30:00 PM 39650.184 1.023	1153800.000 47538.277	19.482 31.066	16.312 32326.031	43.884 25.221
12/14/2015 8:45:00 PM 39651.422 1.023	1154700.000 47539.762	19.471 31.067	16.312 32327.041	43.861 25.220
12/14/2015 9:00:00 PM 39661.422 1.023	1155600.000 47551.641	19.462 31.076	16.313 32335.117	43.840 25.213
12/14/2015 9:15:00 PM 39662.688 1.023	1156500.000 47553.066	19.453 31.077	16.313 32336.086	43.820 25.213
12/14/2015 9:30:00 PM 39637.402	1157400.000 47523.133	19.445 31.055	16.312 32315.730	43.802 25.229

1.023					
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39657.730	47547.789	31.073	32332.496	25.216	
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39666.422	47558.020	31.080	32339.455	25.210	
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39665.027	47555.480	31.079	32337.727	25.211	
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39660.434	47550.566	31.075	32334.385	25.214	
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39668.547	47559.703	31.082	32340.600	25.209	
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39655.293	47544.402	31.071	32330.197	25.217	
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39673.410	47566.305	31.086	32345.090	25.206	
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39625.785	47508.914	31.045	32306.064	25.236	
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39678.652	47572.117	31.091	32349.041	25.202	
1.023					
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39639.793	47525.711	31.057	32317.486	25.227	
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12/15/2015 12:30:00 AM	1168200.000	19.376	16.313	43.647	
39658.254	47547.359	31.073	32332.207	25.215	
1.023					
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39653.797	47542.219	31.069	32328.709	25.218	
1.023					
12/15/2015 1:00:00 AM	1170000.000	19.359	16.312	43.608	
39644.773	47531.789	31.061	32321.617	25.224	
1.023					
12/15/2015 1:15:00 AM	1170900.000	19.360	16.313	43.610	
39661.766	47552.055	31.076	32335.400	25.213	
1.023					
12/15/2015 1:30:00 AM	1171800.000	19.360	16.313	43.610	
39666.172	47556.855	31.080	32338.664	25.210	
1.023					
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39683.691	47578.543	31.095	32353.412	25.199	
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39666.672	47557.754	31.080	32339.275	25.210	
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39718.605	47620.586	31.126	32382.000	25.177
1.023				
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39760.836	47671.219	31.163	32416.432	25.150
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12/15/2015 2:45:00 AM	1176300.000	19.350	16.313	43.587
39720.336	47621.992	31.127	32382.957	25.176
1.023				
12/15/2015 3:00:00 AM	1177200.000	19.342	16.313	43.569
39680.707	47574.672	31.093	32350.781	25.201
1.023				
12/15/2015 3:15:00 AM	1178100.000	19.342	16.311	43.569
39687.695	47584.477	31.100	32357.449	25.197
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12/15/2015 3:30:00 AM	1179000.000	19.338	16.312	43.561
39682.785	47577.457	31.095	32352.672	25.200
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12/15/2015 3:45:00 AM	1179900.000	19.353	16.312	43.595
39715.688	47617.477	31.124	32379.887	25.179
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12/15/2015 4:00:00 AM	1180800.000	19.357	16.311	43.603
39684.922	47581.254	31.097	32355.256	25.198
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12/15/2015 4:15:00 AM	1181700.000	19.356	16.311	43.601
39737.078	47643.598	31.143	32397.648	25.165
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39688.645	47585.719	31.101	32358.291	25.196
1.023				
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39736.969	47643.469	31.143	32397.561	25.165
1.023				
12/15/2015 5:00:00 AM	1184400.000	19.352	16.312	43.592
39683.984	47579.551	31.096	32354.096	25.199
1.023				
12/15/2015 5:15:00 AM	1185300.000	19.350	16.311	43.587
39680.496	47576.039	31.093	32351.707	25.201
1.023				
12/15/2015 5:30:00 AM	1186200.000	19.351	16.311	43.591
39677.367	47572.395	31.091	32349.232	25.203
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12/15/2015 5:45:00 AM	1187100.000	19.346	16.311	43.578
39695.844	47594.250	31.107	32364.090	25.192
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12/15/2015 6:00:00 AM	1188000.000	19.339	16.311	43.563
39705.902	47606.609	31.116	32372.498	25.185
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12/15/2015 6:15:00 AM	1188900.000	19.339	16.311	43.563
39685.871	47582.875	31.098	32356.357	25.198
1.023				
12/15/2015 6:30:00 AM	1189800.000	19.338	16.310	43.561
39712.555	47615.543	31.122	32378.570	25.181
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12/15/2015 6:45:00 AM	1190700.000	19.338	16.311	43.562
39657.094	47547.980	31.073	32332.631	25.216
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12/15/2015 7:00:00 AM	1191600.000	19.334	16.311	43.552
39648.723	47538.336	31.066	32326.068	25.221
1.023				
12/15/2015 7:15:00 AM	1192500.000	19.329	16.311	43.540
39702.066	47602.383	31.113	32369.621	25.188
1.023				
12/15/2015 7:30:00 AM	1193400.000	19.326	16.310	43.533
39662.402	47555.410	31.078	32337.682	25.213
1.023				
12/15/2015 7:45:00 AM	1194300.000	19.327	16.311	43.536
39694.789	47593.465	31.106	32363.561	25.192
1.023				
12/15/2015 8:00:00 AM	1195200.000	19.326	16.310	43.534
39685.797	47583.359	31.099	32356.686	25.198
1.023				
12/15/2015 8:15:00 AM	1196100.000	19.337	16.310	43.559
39684.121	47581.250	31.097	32355.252	25.199
1.023				
12/15/2015 8:30:00 AM	1197000.000	19.332	16.310	43.546
39683.633	47580.766	31.097	32354.924	25.199
1.023				
12/15/2015 8:45:00 AM	1197900.000	19.331	16.310	43.545
39695.551	47594.863	31.107	32364.510	25.192
1.023				
12/15/2015 9:00:00 AM	1198800.000	19.338	16.310	43.561
39696.336	47596.578	31.108	32365.678	25.191
1.023				
12/15/2015 9:15:00 AM	1199700.000	19.336	16.310	43.556
39698.719	47599.520	31.110	32367.676	25.190
1.023				
12/15/2015 9:30:00 AM	1200600.000	19.339	16.310	43.563
39681.566	47578.871	31.095	32353.635	25.201
1.023				
12/15/2015 9:45:00 AM	1201500.000	19.345	16.310	43.576
39683.805	47580.969	31.097	32355.061	25.199
1.023				
12/15/2015 10:00:00 AM	1202400.000	19.337	16.310	43.557
39692.121	47591.234	31.104	32362.041	25.194
1.023				
12/15/2015 10:15:00 AM	1203300.000	19.338	16.310	43.562
39665.137	47559.070	31.081	32340.168	25.211
1.023				
12/15/2015 10:30:00 AM	1204200.000	19.339	16.309	43.563
39685.645	47584.137	31.099	32357.217	25.198
1.023				
12/15/2015 10:45:00 AM	1205100.000	19.337	16.309	43.559
39687.664	47586.656	31.101	32358.928	25.197
1.023				
12/15/2015 11:00:00 AM	1206000.000	19.338	16.309	43.562
39683.617	47581.703	31.098	32355.561	25.199
1.023				
12/15/2015 11:15:00 AM	1206900.000	19.338	16.309	43.562
39714.156	47618.801	31.124	32380.787	25.180
1.023				
12/15/2015 11:30:00 AM	1207800.000	19.339	16.309	43.563
39680.773	47578.484	31.095	32353.371	25.201

1.023					
12/15/2015 11:45:00 AM	1208700.000	19.342	16.309	43.569	
39673.121	47569.793	31.089	32347.461	25.206	
1.023					
12/15/2015 12:00:00 PM	1209600.000	19.342	16.308	43.569	
39705.590	47609.207	31.117	32374.264	25.185	
1.023					
12/15/2015 12:15:00 PM	1210500.000	19.342	16.309	43.570	
39675.813	47573.211	31.091	32349.785	25.204	
1.023					
12/15/2015 12:30:00 PM	1211400.000	19.340	16.309	43.566	
39665.660	47561.129	31.082	32341.568	25.211	
1.023					
12/15/2015 12:45:00 PM	1212300.000	19.350	16.309	43.589	
39712.809	47617.379	31.123	32379.822	25.181	
1.023					
12/15/2015 1:00:00 PM	1213200.000	19.357	16.308	43.603	
39647.066	47539.035	31.066	32326.545	25.223	
1.023					
12/15/2015 1:15:00 PM	1214100.000	19.366	16.308	43.623	
39670.406	47567.297	31.087	32345.764	25.208	
1.023					
12/15/2015 1:30:00 PM	1215000.000	19.356	16.308	43.602	
39671.066	47568.090	31.088	32346.303	25.207	
1.023					
12/15/2015 1:45:00 PM	1215900.000	19.359	16.308	43.609	
39674.055	47571.770	31.090	32348.805	25.205	
1.023					
12/15/2015 2:00:00 PM	1216800.000	19.362	16.308	43.615	
39679.391	47578.457	31.095	32353.352	25.202	
1.023					
12/15/2015 2:15:00 PM	1217700.000	19.366	16.307	43.624	
39684.023	47584.781	31.100	32357.654	25.199	
1.023					
12/15/2015 2:30:00 PM	1218600.000	19.357	16.308	43.604	
39699.070	47602.242	31.112	32369.525	25.190	
1.023					
12/15/2015 2:45:00 PM	1219500.000	19.362	16.307	43.616	
39675.109	47573.805	31.092	32350.189	25.205	
1.023					
12/15/2015 3:00:00 PM	1220400.000	19.358	16.307	43.605	
39700.523	47604.566	31.114	32371.105	25.189	
1.023					
12/15/2015 3:15:00 PM	1221300.000	19.353	16.307	43.595	
39666.273	47563.688	31.084	32343.311	25.210	
1.023					
12/15/2015 3:30:00 PM	1222200.000	19.349	16.307	43.586	
39677.242	47576.262	31.093	32351.859	25.203	
1.023					
12/15/2015 3:45:00 PM	1223100.000	19.343	16.306	43.571	
39683.605	47585.039	31.100	32357.826	25.199	
1.023					
12/15/2015 4:00:00 PM	1224000.000	19.338	16.307	43.561	
39668.875	47567.004	31.087	32345.566	25.209	
1.023					
12/15/2015 4:15:00 PM	1224900.000	19.333	16.307	43.549	

39672.875	47571.699	31.090	32348.758	25.206
1.023				
12/15/2015 4:30:00 PM	1225800.000	19.319	16.307	43.518
39681.965	47582.602	31.098	32356.170	25.200
1.023				
12/15/2015 4:45:00 PM	1226700.000	19.313	16.306	43.504
39661.527	47558.672	31.081	32339.896	25.213
1.023				
12/15/2015 5:00:00 PM	1227600.000	19.299	16.306	43.472
39660.613	47558.043	31.080	32339.471	25.214
1.023				
12/15/2015 5:15:00 PM	1228500.000	19.290	16.306	43.452
39668.078	47566.711	31.086	32345.363	25.209
1.023				
12/15/2015 5:30:00 PM	1229400.000	19.292	16.306	43.457
39674.586	47574.801	31.092	32350.869	25.205
1.023				
12/15/2015 5:45:00 PM	1230300.000	19.296	16.306	43.466
39691.477	47595.055	31.107	32364.639	25.194
1.023				
12/15/2015 6:00:00 PM	1231200.000	19.295	16.306	43.463
39679.891	47581.258	31.097	32355.260	25.202
1.023				
12/15/2015 6:15:00 PM	1232100.000	19.287	16.306	43.446
39683.922	47585.621	31.100	32358.223	25.199
1.023				
12/15/2015 6:30:00 PM	1233000.000	19.282	16.306	43.434
39680.742	47581.809	31.097	32355.633	25.201
1.023				
12/15/2015 6:45:00 PM	1233900.000	19.273	16.305	43.414
39683.750	47586.750	31.101	32358.994	25.199
1.023				
12/15/2015 7:00:00 PM	1234800.000	19.270	16.306	43.407
39675.191	47575.238	31.093	32351.162	25.205
1.023				
12/15/2015 7:15:00 PM	1235700.000	19.265	16.306	43.396
39688.285	47591.051	31.104	32361.916	25.196
1.023				
12/15/2015 7:30:00 PM	1236600.000	19.256	16.306	43.376
39648.086	47543.305	31.069	32329.449	25.222
1.023				
12/15/2015 7:45:00 PM	1237500.000	19.252	16.306	43.367
39649.605	47545.043	31.071	32330.631	25.221
1.023				
12/15/2015 8:00:00 PM	1238400.000	19.243	16.305	43.347
39694.195	47599.074	31.110	32367.375	25.193
1.023				
12/15/2015 8:15:00 PM	1239300.000	19.233	16.305	43.323
39630.766	47522.730	31.054	32315.461	25.233
1.023				
12/15/2015 8:30:00 PM	1240200.000	19.226	16.306	43.309
39689.074	47592.270	31.105	32362.748	25.196
1.023				
12/15/2015 8:45:00 PM	1241100.000	19.213	16.305	43.279
39665.379	47564.520	31.085	32343.875	25.211
1.023				

12/15/2015 9:00:00 PM	1242000.000	19.202	16.306	43.254
39701.398	47607.148	31.116	32372.863	25.188
1.023				
12/15/2015 9:15:00 PM	1242900.000	19.196	16.306	43.240
39683.090	47585.277	31.100	32357.990	25.200
1.023				
12/15/2015 9:30:00 PM	1243800.000	19.186	16.306	43.218
39646.195	47540.754	31.067	32327.713	25.223
1.023				
12/15/2015 9:45:00 PM	1244700.000	19.176	16.305	43.196
39663.961	47562.539	31.083	32342.529	25.212
1.023				
12/15/2015 10:00:00 PM	1245600.000	19.172	16.306	43.188
39668.262	47567.215	31.087	32345.707	25.209
1.023				
12/15/2015 10:15:00 PM	1246500.000	19.159	16.306	43.157
39670.328	47569.223	31.088	32347.072	25.208
1.023				
12/15/2015 10:30:00 PM	1247400.000	19.156	16.306	43.151
39696.883	47601.160	31.111	32368.789	25.191
1.023				
12/15/2015 10:45:00 PM	1248300.000	19.147	16.306	43.131
39636.215	47528.215	31.058	32319.188	25.229
1.023				
12/15/2015 11:00:00 PM	1249200.000	19.138	16.307	43.111
39696.520	47600.051	31.111	32368.039	25.191
1.023				
12/15/2015 11:15:00 PM	1250100.000	19.132	16.306	43.096
39699.789	47604.645	31.114	32371.158	25.189
1.023				
12/15/2015 11:30:00 PM	1251000.000	19.128	16.307	43.088
39689.168	47591.426	31.104	32362.172	25.196
1.023				
12/15/2015 11:45:00 PM	1251900.000	19.122	16.306	43.075
39671.070	47570.008	31.089	32347.607	25.207
1.023				
12/16/2015 12:00:00 AM	1252800.000	19.113	16.306	43.053
39670.477	47569.402	31.088	32347.195	25.208
1.023				
12/16/2015 12:15:00 AM	1253700.000	19.109	16.307	43.046
39674.973	47574.215	31.092	32350.467	25.205
1.023				
12/16/2015 12:30:00 AM	1254600.000	19.103	16.307	43.032
39688.852	47590.957	31.104	32361.855	25.196
1.023				
12/16/2015 12:45:00 AM	1255500.000	19.103	16.307	43.032
39678.410	47577.762	31.094	32352.879	25.203
1.023				
12/16/2015 1:00:00 AM	1256400.000	19.092	16.307	43.006
39686.379	47587.992	31.102	32359.836	25.198
1.023				
12/16/2015 1:15:00 AM	1257300.000	19.090	16.307	43.001
39677.039	47576.406	31.093	32351.959	25.203
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12/16/2015 1:30:00 AM	1258200.000	19.090	16.307	43.001
39699.891	47603.711	31.113	32370.525	25.189

1.023				
12/16/2015 1:45:00 AM	1259100.000	19.082	16.307	42.983
39687.195	47588.969	31.103	32360.500	25.197
1.023				
12/16/2015 2:00:00 AM	1260000.000	19.082	16.307	42.983
39675.957	47575.586	31.093	32351.398	25.204
1.023				
12/16/2015 2:15:00 AM	1260900.000	19.078	16.307	42.975
39688.652	47590.719	31.104	32361.691	25.196
1.023				
12/16/2015 2:30:00 AM	1261800.000	19.080	16.306	42.979
39688.734	47591.191	31.104	32362.012	25.196
1.023				
12/16/2015 2:45:00 AM	1262700.000	19.077	16.307	42.973
39668.820	47566.551	31.086	32345.256	25.209
1.023				
12/16/2015 3:00:00 AM	1263600.000	19.080	16.307	42.980
39639.344	47531.684	31.061	32321.545	25.227
1.023				
12/16/2015 3:15:00 AM	1264500.000	19.074	16.306	42.965
39679.320	47579.816	31.096	32354.279	25.202
1.023				
12/16/2015 3:30:00 AM	1265400.000	19.081	16.306	42.982
39683.281	47584.758	31.100	32357.635	25.200
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12/16/2015 3:45:00 AM	1266300.000	19.080	16.307	42.980
39665.508	47563.055	31.084	32342.881	25.211
1.023				
12/16/2015 4:00:00 AM	1267200.000	19.082	16.307	42.983
39674.465	47573.887	31.092	32350.246	25.205
1.023				
12/16/2015 4:15:00 AM	1268100.000	19.091	16.307	43.005
39685.738	47587.402	31.101	32359.436	25.198
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12/16/2015 4:30:00 AM	1269000.000	19.108	16.306	43.042
39675.012	47574.840	31.092	32350.891	25.205
1.023				
12/16/2015 4:45:00 AM	1269900.000	19.113	16.306	43.054
39666.051	47564.094	31.084	32343.586	25.210
1.023				
12/16/2015 5:00:00 AM	1270800.000	19.115	16.306	43.059
39701.707	47606.852	31.116	32372.662	25.188
1.023				
12/16/2015 5:15:00 AM	1271700.000	19.115	16.306	43.059
39658.988	47555.918	31.079	32338.027	25.215
1.023				
12/16/2015 5:30:00 AM	1272600.000	19.113	16.306	43.053
39672.113	47571.363	31.090	32348.529	25.207
1.023				
12/16/2015 5:45:00 AM	1273500.000	19.121	16.306	43.072
39647.340	47542.324	31.069	32328.781	25.222
1.023				
12/16/2015 6:00:00 AM	1274400.000	19.122	16.305	43.075
39719.254	47628.840	31.132	32387.611	25.177
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12/16/2015 6:15:00 AM	1275300.000	19.122	16.306	43.074

39674.371	47574.641	31.092	32350.758	25.205
1.023				
12/16/2015 6:30:00 AM	1276200.000	19.125	16.305	43.080
39653.008	47549.605	31.074	32333.732	25.219
1.023				
12/16/2015 6:45:00 AM	1277100.000	19.125	16.305	43.081
39676.832	47578.172	31.095	32353.156	25.204
1.023				
12/16/2015 7:00:00 AM	1278000.000	19.127	16.305	43.086
39687.629	47590.918	31.104	32361.824	25.197
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12/16/2015 7:15:00 AM	1278900.000	19.123	16.305	43.077
39697.043	47602.207	31.112	32369.504	25.191
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12/16/2015 7:30:00 AM	1279800.000	19.122	16.305	43.075
39690.750	47595.535	31.107	32364.967	25.195
1.023				
12/16/2015 7:45:00 AM	1280700.000	19.126	16.305	43.082
39667.348	47566.801	31.086	32345.428	25.210
1.023				
12/16/2015 8:00:00 AM	1281600.000	19.122	16.305	43.075
39658.496	47556.469	31.079	32338.402	25.215
1.023				
12/16/2015 8:15:00 AM	1282500.000	19.120	16.305	43.069
39677.555	47579.414	31.096	32354.004	25.203
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12/16/2015 8:30:00 AM	1283400.000	19.125	16.305	43.080
39651.395	47548.043	31.073	32332.672	25.220
1.023				
12/16/2015 8:45:00 AM	1284300.000	19.129	16.304	43.089
39655.152	47553.141	31.076	32336.141	25.217
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12/16/2015 9:00:00 AM	1285200.000	19.127	16.304	43.086
39675.773	47578.242	31.095	32353.207	25.204
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12/16/2015 9:15:00 AM	1286100.000	19.133	16.305	43.099
39689.441	47593.965	31.106	32363.898	25.196
1.023				
12/16/2015 9:30:00 AM	1287000.000	19.136	16.304	43.106
39660.621	47559.980	31.081	32340.789	25.214
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12/16/2015 9:45:00 AM	1287900.000	19.133	16.304	43.099
39667.301	47567.508	31.087	32345.908	25.210
1.023				
12/16/2015 10:00:00 AM	1288800.000	19.133	16.304	43.099
39668.684	47569.648	31.088	32347.363	25.209
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12/16/2015 10:15:00 AM	1289700.000	19.131	16.304	43.095
39667.590	47568.137	31.087	32346.336	25.209
1.023				
12/16/2015 10:30:00 AM	1290600.000	19.131	16.304	43.095
39655.000	47553.707	31.077	32336.521	25.218
1.023				
12/16/2015 10:45:00 AM	1291500.000	19.130	16.304	43.092
39670.430	47571.836	31.090	32348.850	25.208
1.023				

12/16/2015 11:00:00 AM	1292400.000	19.122	16.304	43.074
39676.879	47579.941	31.096	32354.363	25.204
1.023				
12/16/2015 11:15:00 AM	1293300.000	19.124	16.304	43.078
39657.957	47557.250	31.079	32338.932	25.216
1.023				
12/16/2015 11:30:00 AM	1294200.000	19.127	16.304	43.085
39686.379	47591.152	31.104	32361.984	25.198
1.023				
12/16/2015 11:45:00 AM	1295100.000	19.125	16.303	43.081
39690.844	47597.555	31.109	32366.340	25.195
1.023				
12/16/2015 12:00:00 PM	1296000.000	19.125	16.303	43.080
39678.707	47582.531	31.098	32356.121	25.202
1.023				
12/16/2015 12:15:00 PM	1296900.000	19.122	16.303	43.074
39672.098	47574.605	31.092	32350.734	25.207
1.023				
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39667.148	47568.188	31.087	32346.367	25.210
1.023				
12/16/2015 12:45:00 PM	1298700.000	19.126	16.303	43.082
39706.957	47616.410	31.122	32379.162	25.185
1.023				
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39678.371	47582.406	31.098	32356.037	25.203
1.023				
12/16/2015 1:15:00 PM	1300500.000	19.132	16.303	43.096
39687.348	47593.078	31.105	32363.293	25.197
1.023				
12/16/2015 1:30:00 PM	1301400.000	19.135	16.303	43.103
39660.496	47560.969	31.082	32341.461	25.214
1.023				
12/16/2015 1:45:00 PM	1302300.000	19.142	16.303	43.120
39677.617	47581.691	31.097	32355.553	25.203
1.023				
12/16/2015 2:00:00 PM	1303200.000	19.142	16.303	43.120
39672.551	47575.715	31.093	32351.486	25.206
1.023				
12/16/2015 2:15:00 PM	1304100.000	19.147	16.302	43.130
39663.082	47564.844	31.085	32344.098	25.212
1.023				
12/16/2015 2:30:00 PM	1305000.000	19.149	16.303	43.135
39662.309	47563.625	31.084	32343.266	25.213
1.023				
12/16/2015 2:45:00 PM	1305900.000	19.152	16.302	43.141
39643.129	47540.914	31.067	32327.824	25.225
1.023				
12/16/2015 3:00:00 PM	1306800.000	19.148	16.302	43.133
39670.406	47573.434	31.091	32349.938	25.208
1.023				
12/16/2015 3:15:00 PM	1307700.000	19.156	16.302	43.150
39662.051	47563.605	31.084	32343.254	25.213
1.023				
12/16/2015 3:30:00 PM	1308600.000	19.159	16.302	43.157
39677.773	47583.316	31.098	32356.658	25.203

1.023				
12/16/2015 3:45:00 PM	1309500.000	19.157	16.302	43.153
39682.910	47589.477	31.103	32360.844	25.200
1.023				
12/16/2015 4:00:00 PM	1310400.000	19.163	16.302	43.166
39680.664	47586.699	31.101	32358.955	25.201
1.023				
12/16/2015 4:15:00 PM	1311300.000	19.156	16.301	43.150
39647.813	47547.492	31.072	32332.299	25.222
1.023				
12/16/2015 4:30:00 PM	1312200.000	19.160	16.301	43.160
39698.863	47609.383	31.117	32374.383	25.190
1.023				
12/16/2015 4:45:00 PM	1313100.000	19.154	16.301	43.146
39667.098	47570.621	31.089	32348.025	25.210
1.023				
12/16/2015 5:00:00 PM	1314000.000	19.152	16.301	43.143
39681.566	47588.449	31.102	32360.148	25.201
1.023				
12/16/2015 5:15:00 PM	1314900.000	19.149	16.301	43.135
39684.602	47592.090	31.105	32362.621	25.199
1.023				
12/16/2015 5:30:00 PM	1315800.000	19.147	16.301	43.130
39698.734	47608.656	31.117	32373.891	25.190
1.023				
12/16/2015 5:45:00 PM	1316700.000	19.135	16.300	43.103
39693.059	47603.094	31.112	32370.105	25.193
1.023				
12/16/2015 6:00:00 PM	1317600.000	19.133	16.301	43.099
39678.645	47585.227	31.100	32357.955	25.202
1.023				
12/16/2015 6:15:00 PM	1318500.000	19.123	16.300	43.077
39653.758	47556.055	31.078	32338.119	25.218
1.023				
12/16/2015 6:30:00 PM	1319400.000	19.122	16.301	43.074
39664.047	47567.922	31.087	32346.188	25.212
1.023				
12/16/2015 6:45:00 PM	1320300.000	19.126	16.300	43.082
39690.535	47600.352	31.110	32368.240	25.195
1.023				
12/16/2015 7:00:00 PM	1321200.000	19.120	16.300	43.069
39696.516	47607.426	31.116	32373.051	25.191
1.023				
12/16/2015 7:15:00 PM	1322100.000	19.113	16.300	43.054
39668.852	47574.156	31.091	32350.426	25.209
1.023				
12/16/2015 7:30:00 PM	1323000.000	19.109	16.300	43.044
39649.797	47551.211	31.075	32334.828	25.221
1.023				
12/16/2015 7:45:00 PM	1323900.000	19.101	16.300	43.027
39689.246	47599.188	31.110	32367.447	25.196
1.023				
12/16/2015 8:00:00 PM	1324800.000	19.095	16.300	43.014
39710.477	47624.559	31.128	32384.701	25.182
1.023				
12/16/2015 8:15:00 PM	1325700.000	19.082	16.300	42.983

39677.004	47583.648	31.098	32356.885	25.204
1.023				
12/16/2015 8:30:00 PM	1326600.000	19.081	16.300	42.982
39667.305	47572.691	31.090	32349.430	25.210
1.023				
12/16/2015 8:45:00 PM	1327500.000	19.070	16.300	42.956
39661.766	47565.656	31.085	32344.646	25.213
1.023				
12/16/2015 9:00:00 PM	1328400.000	19.065	16.300	42.946
39693.918	47604.219	31.113	32370.873	25.193
1.023				
12/16/2015 9:15:00 PM	1329300.000	19.052	16.300	42.916
39674.457	47580.879	31.096	32355.000	25.205
1.023				
12/16/2015 9:30:00 PM	1330200.000	19.049	16.300	42.910
39656.008	47558.844	31.080	32340.016	25.217
1.023				
12/16/2015 9:45:00 PM	1331100.000	19.040	16.301	42.890
39646.539	47546.531	31.071	32331.643	25.223
1.023				
12/16/2015 10:00:00 PM	1332000.000	19.040	16.300	42.889
39669.656	47575.402	31.092	32351.277	25.208
1.023				
12/16/2015 10:15:00 PM	1332900.000	19.031	16.300	42.869
39655.969	47558.422	31.080	32339.729	25.217
1.023				
12/16/2015 10:30:00 PM	1333800.000	19.023	16.301	42.852
39685.281	47593.188	31.105	32363.369	25.198
1.023				
12/16/2015 10:45:00 PM	1334700.000	19.020	16.300	42.843
39656.285	47559.176	31.080	32340.240	25.217
1.023				
12/16/2015 11:00:00 PM	1335600.000	19.012	16.300	42.827
39677.652	47584.711	31.099	32357.605	25.203
1.023				
12/16/2015 11:15:00 PM	1336500.000	19.010	16.301	42.822
39681.109	47588.281	31.102	32360.031	25.201
1.023				
12/16/2015 11:30:00 PM	1337400.000	18.995	16.300	42.789
39668.379	47573.387	31.091	32349.902	25.209
1.023				
12/16/2015 11:45:00 PM	1338300.000	18.997	16.300	42.792
39682.703	47590.484	31.103	32361.531	25.200
1.023				

Report Date: 12/18/2015 1:46:55 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3D Pre Test_2015-12-17_10-44-45-643-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-3D
Device Name:
Serial Number: 398176
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 6
Used Battery(%): 2

Log Configuration

Log Name: MPWSP MW-3D Pre Test
Created By: JSobolew
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/22/2015 2:27:58 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/22/2015 2:45:00 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: 38.8906 (ft)
Head Pressure: 17.2648 (PSI)
Temperature: 19.9501 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

Log Notes:

Date and Time	Note
4/22/2015 2:28:11 PM	Used Battery: 2% Used Memory: 9% User Name: JSobolew
4/24/2015 11:34:22 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
4/30/2015 1:43:40 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: GSSI
5/7/2015 12:08:12 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard Interval - Start Time: 4/30/2015 1:30:00 PM
5/14/2015 3:26:48 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte Interval - Start Time: 4/22/2015 2:45:00 PM Stop Time: 5/14/2015 3:15:00 PM
5/21/2015 11:19:09 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw
5/28/2015 9:21:32 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:00:00 PM
6/4/2015 11:57:56 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte
6/11/2015 11:33:26 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte Interval - Start Time: 6/4/2015 11:45:00 AM
6/17/2015 7:45:35 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/21/2015 11:15:00 AM
6/18/2015 8:33:41 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw
6/25/2015 8:34:31 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/11/2015 11:30:00 AM
7/2/2015 9:05:46 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw
7/9/2015 8:47:27 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
7/16/2015 8:46:00 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
7/23/2015 4:21:14 PM	Log Download - Used Battery: 7% Used Memory: 17% User Name: KMakar
7/30/2015 10:10:53 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: BDuarte Interval - Start Time: 7/9/2015 8:45:00 AM
8/6/2015 2:53:01 PM	Log Download - Used Battery: 8% Used Memory: 18% 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 1:25:25 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 7/23/2015 4:15:00 PM
8/20/2015 10:44:50 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/30/2015 10:00:00 AM
8/27/2015 10:49:37 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:50:00 AM
9/3/2015 9:25:37 AM	Log Download - Used Battery: 9% Used Memory: 21% 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 11:23:50 AM	Log Download - Used Battery: 10% Used Memory: 21% 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 10:47:47 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:48:00 AM
9/24/2015 9:13:09 AM	Log Download - Used Battery: 11% Used Memory: 23% 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 2:08:45 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:10:00 PM
10/8/2015 10:18:19 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:15:00 PM
10/15/2015 1:07:55 PM	Log Download - Used Battery: 12% Used Memory: 25% 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 11:06:03 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval -
 Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:00:00 PM
 10/29/2015 3:24:01 PM Log Download - Used Battery: 12% Used Memory: 26% 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 2:23:15 PM Log Download - Used Battery: 13% Used Memory: 26% 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 9:53:21 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval -
 Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 9:30:00 PM
 11/19/2015 3:21:48 PM Log Download - Used Battery: 13% Used Memory: 28% 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 9:44:27 AM Log Download - Used Battery: 14% Used Memory: 29% 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 10:59:16 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval -
 Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:00:00 AM
 12/10/2015 9:10:08 AM Log Download - Used Battery: 15% Used Memory: 29% User Name: CShaw Interval -
 Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 9:45:00 AM
 12/17/2015 10:44:08 AM Log Download - Used Battery: 15% Used Memory: 31% User Name: KMakar Interval -
 Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM
 12/18/2015 1:45:57 PM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre
 Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 1531

Sensors: 2

1 - 398176: 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: Baro-Adj Calc		Sensor: Baro-Adj Calc		Sensor: Baro-Adj Calc	
SN#: 398176		SN#: 398176		SN#: 398176	
398176		398176		398176	
SN#: 398176		SN#: 398176		SN#: 000000	
Date and Time	Elapsed Time	Corrected	Corrected	Corrected	Corrected
Actual Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Water Density
(g/cm3)	Barometric Pressure (PSI)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)	Water Density	
12/10/2015 12:00:00 AM	734400.000	123.627	19.765	278.481	
43160.762	47956.156	32610.188	1.022	14.747	
12/10/2015 12:15:00 AM	735300.000	123.654	19.763	278.543	
43150.953	47947.391	32604.229	1.022	14.741	
12/10/2015 12:30:00 AM	736200.000	123.604	19.763	278.431	
43147.488	47943.184	32601.367	1.022	14.746	
12/10/2015 12:45:00 AM	737100.000	123.592	19.763	278.403	
43140.668	47935.773	32596.328	1.022	14.741	
12/10/2015 1:00:00 AM	738000.000	123.579	19.762	278.375	
43124.320	47917.883	32584.160	1.022	14.733	

12/10/2015 1:15:00 AM	738900.000	123.581	19.763	278.379
43135.590	47929.605	32592.133	1.022	14.725
12/10/2015 1:30:00 AM	739800.000	123.591	19.763	278.400
43146.375	47942.117	32600.643	1.022	14.715
12/10/2015 1:45:00 AM	740700.000	123.557	19.762	278.324
43156.688	47954.215	32608.867	1.022	14.717
12/10/2015 2:00:00 AM	741600.000	123.535	19.763	278.276
43142.102	47937.555	32597.537	1.022	14.725
12/10/2015 2:15:00 AM	742500.000	123.534	19.764	278.273
43169.645	47966.465	32617.199	1.022	14.726
12/10/2015 2:30:00 AM	743400.000	123.522	19.764	278.246
43148.910	47943.602	32601.650	1.022	14.729
12/10/2015 2:45:00 AM	744300.000	123.541	19.763	278.289
43146.992	47942.098	32600.627	1.022	14.723
12/10/2015 3:00:00 AM	745200.000	123.521	19.762	278.243
43186.898	47987.680	32631.627	1.022	14.718
12/10/2015 3:15:00 AM	746100.000	123.524	19.761	278.251
43148.461	47946.484	32603.611	1.022	14.707
12/10/2015 3:30:00 AM	747000.000	123.564	19.761	278.340
43157.047	47956.027	32610.100	1.022	14.710
12/10/2015 3:45:00 AM	747900.000	123.536	19.761	278.277
43141.992	47939.297	32598.725	1.022	14.708
12/10/2015 4:00:00 AM	748800.000	123.542	19.759	278.291
43125.316	47922.375	32587.215	1.022	14.710
12/10/2015 4:15:00 AM	749700.000	123.589	19.761	278.397
43122.281	47916.594	32583.287	1.022	14.705
12/10/2015 4:30:00 AM	750600.000	123.610	19.762	278.444
43152.898	47950.090	32606.064	1.022	14.700
12/10/2015 4:45:00 AM	751500.000	123.608	19.760	278.438
43148.551	47947.121	32604.045	1.022	14.699
12/10/2015 5:00:00 AM	752400.000	123.629	19.760	278.486
43131.691	47928.922	32591.672	1.022	14.691
12/10/2015 5:15:00 AM	753300.000	123.655	19.760	278.545
43138.129	47935.270	32595.986	1.022	14.693
12/10/2015 5:30:00 AM	754200.000	123.680	19.759	278.602
43181.816	47985.066	32629.848	1.022	14.692
12/10/2015 5:45:00 AM	755100.000	123.713	19.761	278.676
43163.480	47963.090	32614.902	1.022	14.693
12/10/2015 6:00:00 AM	756000.000	123.788	19.760	278.844
43155.457	47954.797	32609.264	1.022	14.700
12/10/2015 6:15:00 AM	756900.000	123.774	19.760	278.814
43149.465	47948.578	32605.033	1.022	14.703
12/10/2015 6:30:00 AM	757800.000	123.812	19.759	278.899
43166.746	47968.949	32618.889	1.022	14.701
12/10/2015 6:45:00 AM	758700.000	123.854	19.758	278.994
43129.516	47928.020	32591.053	1.022	14.697
12/10/2015 7:00:00 AM	759600.000	123.888	19.759	279.069
43138.008	47936.203	32596.623	1.022	14.692
12/10/2015 7:15:00 AM	760500.000	123.922	19.759	279.146
43180.078	47983.848	32629.021	1.022	14.696
12/10/2015 7:30:00 AM	761400.000	123.943	19.758	279.193
43175.348	47978.863	32625.629	1.022	14.692
12/10/2015 7:45:00 AM	762300.000	123.981	19.757	279.280
43145.547	47946.719	32603.771	1.022	14.693

12/10/2015 8:00:00 AM	763200.000	124.004	19.756	279.331
43146.441	47948.605	32605.053	1.022	14.697
12/10/2015 8:15:00 AM	764100.000	124.028	19.755	279.385
43127.004	47928.422	32591.332	1.022	14.694
12/10/2015 8:30:00 AM	765000.000	124.037	19.756	279.405
43134.113	47935.520	32596.156	1.022	14.714
12/10/2015 8:45:00 AM	765900.000	124.059	19.757	279.455
43123.129	47922.602	32587.371	1.022	14.708
12/10/2015 9:00:00 AM	766800.000	124.100	19.757	279.548
43166.668	47970.273	32619.789	1.022	14.713
12/10/2015 9:15:00 AM	767700.000	124.068	19.760	279.475
43153.105	47952.719	32607.854	1.022	14.716
12/10/2015 9:30:00 AM	768600.000	124.067	19.759	279.473
43130.266	47927.602	32590.771	1.022	14.720
12/10/2015 9:45:00 AM	769500.000	124.093	19.756	279.531
43136.281	47937.578	32597.553	1.022	14.724
12/10/2015 10:00:00 AM	770400.000	124.054	19.757	279.443
43152.070	47953.883	32608.643	1.022	14.720
12/10/2015 10:15:00 AM	771300.000	124.084	19.760	279.511
43157.680	47957.895	32611.369	1.022	14.719
12/10/2015 10:30:00 AM	772200.000	124.011	19.758	279.346
43137.309	47936.941	32597.123	1.022	14.732
12/10/2015 10:45:00 AM	773100.000	123.996	19.756	279.313
43154.000	47957.172	32610.879	1.022	14.720
12/10/2015 11:00:00 AM	774000.000	123.978	19.756	279.273
43158.680	47962.293	32614.361	1.022	14.706
12/10/2015 11:15:00 AM	774900.000	123.955	19.755	279.220
43157.395	47961.832	32614.049	1.022	14.706
12/10/2015 11:30:00 AM	775800.000	123.904	19.755	279.106
43139.891	47942.660	32601.014	1.022	14.717
12/10/2015 11:45:00 AM	776700.000	123.865	19.755	279.017
43163.984	47969.434	32619.217	1.022	14.712
12/10/2015 12:00:00 PM	777600.000	123.821	19.755	278.919
43181.250	47988.258	32632.020	1.022	14.713
12/10/2015 12:15:00 PM	778500.000	123.815	19.753	278.905
43142.641	47947.406	32604.236	1.022	14.709
12/10/2015 12:30:00 PM	779400.000	123.735	19.752	278.725
43102.660	47904.922	32575.348	1.022	14.711
12/10/2015 12:45:00 PM	780300.000	123.672	19.751	278.584
43138.438	47945.660	32603.051	1.022	14.709
12/10/2015 1:00:00 PM	781200.000	123.643	19.750	278.518
43160.625	47970.590	32620.002	1.022	14.705
12/10/2015 1:15:00 PM	782100.000	123.588	19.749	278.395
43134.238	47942.598	32600.967	1.022	14.696
12/10/2015 1:30:00 PM	783000.000	123.549	19.748	278.307
43142.781	47952.715	32607.850	1.022	14.695
12/10/2015 1:45:00 PM	783900.000	123.498	19.749	278.192
43154.164	47964.922	32616.150	1.022	14.699
12/10/2015 2:00:00 PM	784800.000	123.445	19.748	278.071
43142.395	47952.734	32607.861	1.022	14.698
12/10/2015 2:15:00 PM	785700.000	123.403	19.750	277.977
43122.277	47928.504	32591.385	1.022	14.692
12/10/2015 2:30:00 PM	786600.000	123.372	19.748	277.907
43147.957	47959.008	32612.125	1.022	14.690

12/10/2015 2:45:00 PM	787500.000	123.332	19.749	277.818
43169.813	47982.496	32628.098	1.022	14.691
12/10/2015 3:00:00 PM	788400.000	123.321	19.748	277.793
43146.328	47956.758	32610.596	1.022	14.697
12/10/2015 3:15:00 PM	789300.000	123.273	19.748	277.685
43187.113	48002.262	32641.541	1.022	14.690
12/10/2015 3:30:00 PM	790200.000	123.231	19.747	277.591
43162.625	47976.023	32623.695	1.022	14.698
12/10/2015 3:45:00 PM	791100.000	123.213	19.748	277.550
43146.840	47958.117	32611.523	1.022	14.693
12/10/2015 4:00:00 PM	792000.000	123.243	19.745	277.618
43166.102	47981.758	32627.598	1.022	14.685
12/10/2015 4:15:00 PM	792900.000	123.187	19.746	277.491
43156.117	47969.504	32619.266	1.022	14.692
12/10/2015 4:30:00 PM	793800.000	123.181	19.746	277.477
43165.148	47980.512	32626.750	1.022	14.689
12/10/2015 4:45:00 PM	794700.000	123.163	19.745	277.437
43123.875	47934.992	32595.795	1.022	14.694
12/10/2015 5:00:00 PM	795600.000	123.206	19.746	277.535
43199.863	48018.398	32652.512	1.022	14.686
12/10/2015 5:15:00 PM	796500.000	123.186	19.746	277.489
43139.434	47951.758	32607.197	1.022	14.683
12/10/2015 5:30:00 PM	797400.000	123.190	19.746	277.498
43169.992	47985.453	32630.111	1.022	14.689
12/10/2015 5:45:00 PM	798300.000	123.211	19.744	277.546
43163.402	47980.180	32626.525	1.022	14.688
12/10/2015 6:00:00 PM	799200.000	123.222	19.743	277.570
43124.086	47937.813	32597.713	1.022	14.687
12/10/2015 6:15:00 PM	800100.000	123.264	19.744	277.664
43160.555	47976.570	32624.068	1.022	14.684
12/10/2015 6:30:00 PM	801000.000	123.274	19.745	277.687
43171.711	47987.902	32631.775	1.022	14.684
12/10/2015 6:45:00 PM	801900.000	123.329	19.743	277.810
43172.602	47991.113	32633.957	1.022	14.685
12/10/2015 7:00:00 PM	802800.000	123.344	19.743	277.844
43193.543	48014.656	32649.967	1.022	14.678
12/10/2015 7:15:00 PM	803700.000	123.377	19.745	277.919
43154.059	47968.813	32618.793	1.022	14.674
12/10/2015 7:30:00 PM	804600.000	123.406	19.745	277.984
43132.039	47944.422	32602.207	1.022	14.690
12/10/2015 7:45:00 PM	805500.000	123.455	19.744	278.094
43167.004	47984.531	32629.482	1.022	14.684
12/10/2015 8:00:00 PM	806400.000	123.489	19.742	278.170
43183.922	48004.590	32643.123	1.022	14.690
12/10/2015 8:15:00 PM	807300.000	123.561	19.743	278.333
43158.082	47975.426	32623.291	1.022	14.682
12/10/2015 8:30:00 PM	808200.000	123.565	19.743	278.341
43150.688	47966.848	32617.459	1.022	14.691
12/10/2015 8:45:00 PM	809100.000	123.588	19.743	278.394
43200.922	48023.047	32655.674	1.022	14.688
12/10/2015 9:00:00 PM	810000.000	123.679	19.745	278.600
43184.762	48003.027	32642.059	1.022	14.685
12/10/2015 9:15:00 PM	810900.000	123.654	19.743	278.543
43209.797	48032.914	32662.385	1.022	14.684

12/10/2015 9:30:00 PM	811800.000	123.732	19.742	278.719
43187.898	48009.191	32646.252	1.022	14.679
12/10/2015 9:45:00 PM	812700.000	123.761	19.744	278.783
43156.465	47972.816	32621.518	1.022	14.677
12/10/2015 10:00:00 PM	813600.000	123.740	19.743	278.737
43182.520	48002.230	32641.518	1.022	14.682
12/10/2015 10:15:00 PM	814500.000	123.776	19.742	278.817
43160.879	47979.598	32626.129	1.022	14.679
12/10/2015 10:30:00 PM	815400.000	123.789	19.742	278.847
43202.738	48025.773	32657.527	1.022	14.679
12/10/2015 10:45:00 PM	816300.000	123.854	19.742	278.994
43173.965	47994.324	32636.143	1.022	14.678
12/10/2015 11:00:00 PM	817200.000	123.843	19.742	278.968
43176.328	47996.855	32637.863	1.022	14.676
12/10/2015 11:15:00 PM	818100.000	123.854	19.742	278.994
43194.676	48016.723	32651.371	1.022	14.673
12/10/2015 11:30:00 PM	819000.000	123.823	19.742	278.924
43196.746	48018.754	32652.756	1.022	14.672
12/10/2015 11:45:00 PM	819900.000	123.845	19.741	278.972
43171.500	47991.762	32634.398	1.022	14.659
12/11/2015 12:00:00 AM	820800.000	123.815	19.741	278.905
43172.652	47993.309	32635.453	1.022	14.677
12/11/2015 12:15:00 AM	821700.000	123.791	19.740	278.851
43177.195	47999.160	32639.432	1.022	14.675
12/11/2015 12:30:00 AM	822600.000	123.836	19.743	278.953
43170.676	47989.602	32632.932	1.022	14.671
12/11/2015 12:45:00 AM	823500.000	123.818	19.742	278.911
43186.488	48007.980	32645.428	1.022	14.676
12/11/2015 1:00:00 AM	824400.000	123.769	19.742	278.803
43190.551	48011.961	32648.137	1.022	14.666
12/11/2015 1:15:00 AM	825300.000	123.760	19.741	278.781
43219.258	48045.305	32670.807	1.022	14.663
12/11/2015 1:30:00 AM	826200.000	123.737	19.741	278.731
43177.859	47998.918	32639.268	1.022	14.666
12/11/2015 1:45:00 AM	827100.000	123.729	19.743	278.711
43182.156	48002.086	32641.418	1.022	14.671
12/11/2015 2:00:00 AM	828000.000	123.723	19.741	278.698
43190.234	48012.676	32648.621	1.022	14.667
12/11/2015 2:15:00 AM	828900.000	123.733	19.741	278.722
43176.992	47997.953	32638.611	1.022	14.667
12/11/2015 2:30:00 AM	829800.000	123.704	19.740	278.655
43190.523	48014.063	32649.563	1.022	14.666
12/11/2015 2:45:00 AM	830700.000	123.683	19.741	278.609
43170.836	47991.648	32634.322	1.022	14.663
12/11/2015 3:00:00 AM	831600.000	123.673	19.743	278.585
43171.543	47989.758	32633.037	1.022	14.658
12/11/2015 3:15:00 AM	832500.000	123.666	19.742	278.570
43174.883	47994.809	32636.471	1.022	14.660
12/11/2015 3:30:00 AM	833400.000	123.683	19.742	278.607
43171.121	47990.363	32633.449	1.022	14.661
12/11/2015 3:45:00 AM	834300.000	123.690	19.742	278.625
43180.973	48001.934	32641.316	1.022	14.649
12/11/2015 4:00:00 AM	835200.000	123.729	19.741	278.712
43183.879	48006.234	32644.242	1.022	14.652

12/11/2015 4:15:00 AM	836100.000	123.684	19.740	278.610
43175.094	47997.625	32638.387	1.022	14.651
12/11/2015 4:30:00 AM	837000.000	123.697	19.740	278.639
43166.367	47987.563	32631.547	1.022	14.650
12/11/2015 4:45:00 AM	837900.000	123.699	19.740	278.643
43224.043	48051.680	32675.145	1.022	14.649
12/11/2015 5:00:00 AM	838800.000	123.730	19.739	278.714
43209.703	48036.992	32665.158	1.022	14.639
12/11/2015 5:15:00 AM	839700.000	123.767	19.740	278.797
43181.250	48004.023	32642.738	1.022	14.644
12/11/2015 5:30:00 AM	840600.000	123.779	19.741	278.823
43196.168	48019.809	32653.473	1.022	14.642
12/11/2015 5:45:00 AM	841500.000	123.811	19.738	278.897
43177.656	48001.629	32641.109	1.022	14.643
12/11/2015 6:00:00 AM	842400.000	123.825	19.738	278.928
43195.109	48021.656	32654.729	1.022	14.650
12/11/2015 6:15:00 AM	843300.000	123.860	19.739	279.006
43195.039	48020.063	32653.645	1.022	14.659
12/11/2015 6:30:00 AM	844200.000	123.897	19.738	279.091
43183.270	48007.871	32645.355	1.022	14.655
12/11/2015 6:45:00 AM	845100.000	123.933	19.739	279.170
43184.469	48008.219	32645.592	1.022	14.659
12/11/2015 7:00:00 AM	846000.000	123.997	19.738	279.315
43185.676	48010.902	32647.416	1.022	14.657
12/11/2015 7:15:00 AM	846900.000	123.971	19.737	279.256
43199.008	48026.621	32658.104	1.022	14.671
12/11/2015 7:30:00 AM	847800.000	123.996	19.737	279.313
43177.008	48002.340	32641.594	1.022	14.671
12/11/2015 7:45:00 AM	848700.000	124.063	19.738	279.464
43192.266	48018.676	32652.703	1.022	14.669
12/11/2015 8:00:00 AM	849600.000	124.106	19.737	279.560
43195.137	48022.668	32655.414	1.022	14.665
12/11/2015 8:15:00 AM	850500.000	124.085	19.737	279.514
43214.594	48044.215	32670.066	1.022	14.669
12/11/2015 8:30:00 AM	851400.000	124.147	19.737	279.653
43198.793	48026.195	32657.814	1.022	14.679
12/11/2015 8:45:00 AM	852300.000	124.170	19.738	279.706
43168.227	47991.949	32634.525	1.022	14.683
12/11/2015 9:00:00 AM	853200.000	124.183	19.739	279.734
43183.973	48007.945	32645.404	1.022	14.682
12/11/2015 9:15:00 AM	854100.000	124.219	19.740	279.816
43202.754	48028.375	32659.299	1.022	14.693
12/11/2015 9:30:00 AM	855000.000	124.202	19.738	279.776
43149.195	47970.695	32620.076	1.022	14.690
12/11/2015 9:45:00 AM	855900.000	124.197	19.738	279.765
43180.305	48004.840	32643.291	1.022	14.694
12/11/2015 10:00:00 AM	856800.000	124.206	19.739	279.787
43185.867	48009.688	32646.592	1.022	14.691
12/11/2015 10:15:00 AM	857700.000	124.185	19.741	279.739
43208.996	48034.246	32663.289	1.022	14.697
12/11/2015 10:30:00 AM	858600.000	124.209	19.741	279.794
43182.770	48004.914	32643.346	1.022	14.694
12/11/2015 10:45:00 AM	859500.000	124.157	19.741	279.676
43196.457	48020.309	32653.813	1.022	14.701

12/11/2015 11:00:00 AM	860400.000	124.157	19.742	279.676
43182.441	48003.484	32642.373	1.022	14.700
12/11/2015 11:15:00 AM	861300.000	124.115	19.740	279.581
43169.051	47990.281	32633.393	1.022	14.703
12/11/2015 11:30:00 AM	862200.000	124.107	19.740	279.562
43208.504	48034.590	32663.525	1.022	14.700
12/11/2015 11:45:00 AM	863100.000	124.066	19.741	279.472
43196.473	48020.234	32653.764	1.022	14.698
12/11/2015 12:00:00 PM	864000.000	124.020	19.740	279.367
43202.230	48027.348	32658.600	1.022	14.701
12/11/2015 12:15:00 PM	864900.000	124.001	19.740	279.325
43190.117	48013.609	32649.254	1.022	14.695
12/11/2015 12:30:00 PM	865800.000	123.940	19.740	279.186
43215.969	48042.176	32668.682	1.022	14.694
12/11/2015 12:45:00 PM	866700.000	123.904	19.741	279.107
43190.461	48013.012	32648.850	1.022	14.696
12/11/2015 1:00:00 PM	867600.000	123.857	19.741	279.001
43188.832	48010.938	32647.438	1.022	14.689
12/11/2015 1:15:00 PM	868500.000	123.805	19.742	278.883
43176.840	47997.426	32638.252	1.022	14.691
12/11/2015 1:30:00 PM	869400.000	123.781	19.742	278.828
43172.594	47991.906	32634.498	1.022	14.696
12/11/2015 1:45:00 PM	870300.000	123.702	19.742	278.651
43207.254	48030.527	32660.764	1.022	14.694
12/11/2015 2:00:00 PM	871200.000	123.656	19.742	278.548
43201.332	48024.125	32656.406	1.022	14.691
12/11/2015 2:15:00 PM	872100.000	123.597	19.743	278.414
43201.195	48023.078	32655.693	1.022	14.691
12/11/2015 2:30:00 PM	873000.000	123.604	19.744	278.431
43205.699	48027.367	32658.611	1.022	14.690
12/11/2015 2:45:00 PM	873900.000	123.515	19.744	278.229
43186.285	48005.965	32644.059	1.022	14.690
12/11/2015 3:00:00 PM	874800.000	123.514	19.743	278.227
43202.922	48025.168	32657.115	1.022	14.686
12/11/2015 3:15:00 PM	875700.000	123.471	19.742	278.131
43231.473	48057.801	32679.307	1.022	14.688
12/11/2015 3:30:00 PM	876600.000	123.398	19.743	277.966
43230.277	48055.047	32677.434	1.022	14.697
12/11/2015 3:45:00 PM	877500.000	123.352	19.743	277.862
43178.582	47997.496	32638.299	1.022	14.701
12/11/2015 4:00:00 PM	878400.000	123.323	19.743	277.797
43208.988	48032.016	32661.773	1.022	14.700
12/11/2015 4:15:00 PM	879300.000	123.304	19.743	277.753
43227.578	48052.680	32675.822	1.022	14.704
12/11/2015 4:30:00 PM	880200.000	123.328	19.742	277.808
43186.438	48008.191	32645.572	1.022	14.705
12/11/2015 4:45:00 PM	881100.000	123.285	19.741	277.712
43203.582	48028.051	32659.076	1.022	14.712
12/11/2015 5:00:00 PM	882000.000	123.253	19.741	277.640
43196.020	48019.020	32652.936	1.022	14.715
12/11/2015 5:15:00 PM	882900.000	123.246	19.740	277.624
43156.492	47976.059	32623.723	1.022	14.712
12/11/2015 5:30:00 PM	883800.000	123.286	19.740	277.713
43193.160	48017.707	32652.043	1.022	14.715

12/11/2015 5:45:00 PM	884700.000	123.261	19.742	277.656
43192.105	48014.309	32649.730	1.022	14.715
12/11/2015 6:00:00 PM	885600.000	123.261	19.743	277.658
43198.250	48020.168	32653.717	1.022	14.717
12/11/2015 6:15:00 PM	886500.000	123.280	19.743	277.700
43201.035	48023.266	32655.822	1.022	14.720
12/11/2015 6:30:00 PM	887400.000	123.271	19.743	277.679
43206.504	48028.801	32659.584	1.022	14.731
12/11/2015 6:45:00 PM	888300.000	123.356	19.743	277.872
43211.535	48034.215	32663.270	1.022	14.728
12/11/2015 7:00:00 PM	889200.000	123.332	19.744	277.818
43181.723	48000.016	32640.016	1.022	14.730
12/11/2015 7:15:00 PM	890100.000	123.361	19.742	277.882
43200.004	48022.563	32655.346	1.022	14.728
12/11/2015 7:30:00 PM	891000.000	123.421	19.746	278.019
43206.430	48026.145	32657.779	1.022	14.727
12/11/2015 7:45:00 PM	891900.000	123.431	19.743	278.041
43192.801	48013.305	32649.047	1.022	14.725
12/11/2015 8:00:00 PM	892800.000	123.457	19.743	278.098
43192.113	48012.625	32648.586	1.022	14.735
12/11/2015 8:15:00 PM	893700.000	123.502	19.743	278.200
43182.172	48002.203	32641.498	1.022	14.732
12/11/2015 8:30:00 PM	894600.000	123.547	19.742	278.302
43190.551	48012.223	32648.316	1.022	14.738
12/11/2015 8:45:00 PM	895500.000	123.570	19.743	278.354
43189.590	48010.348	32647.037	1.022	14.733
12/11/2015 9:00:00 PM	896400.000	123.641	19.743	278.514
43198.637	48020.684	32654.064	1.022	14.731
12/11/2015 9:15:00 PM	897300.000	123.653	19.743	278.541
43202.602	48024.461	32656.635	1.022	14.738
12/11/2015 9:30:00 PM	898200.000	123.687	19.743	278.617
43197.945	48020.004	32653.605	1.022	14.743
12/11/2015 9:45:00 PM	899100.000	123.725	19.741	278.704
43186.738	48008.609	32645.859	1.022	14.737
12/11/2015 10:00:00 PM	900000.000	123.737	19.745	278.731
43170.488	47986.898	32631.092	1.022	14.746
12/11/2015 10:15:00 PM	900900.000	123.791	19.742	278.851
43132.180	47947.074	32604.012	1.022	14.744
12/11/2015 10:30:00 PM	901800.000	123.831	19.742	278.941
43171.242	47990.496	32633.537	1.022	14.745
12/11/2015 10:45:00 PM	902700.000	123.829	19.742	278.936
43169.664	47988.836	32632.408	1.022	14.747
12/11/2015 11:00:00 PM	903600.000	123.847	19.743	278.977
43174.645	47993.477	32635.566	1.022	14.746
12/11/2015 11:15:00 PM	904500.000	123.888	19.745	279.069
43235.305	48059.297	32680.324	1.022	14.745
12/11/2015 11:30:00 PM	905400.000	123.860	19.744	279.007
43209.941	48031.469	32661.400	1.022	14.748
12/11/2015 11:45:00 PM	906300.000	123.882	19.745	279.056
43213.035	48034.191	32663.250	1.022	14.752
12/12/2015 12:00:00 AM	907200.000	123.903	19.747	279.103
43203.141	48021.234	32654.441	1.022	14.752
12/12/2015 12:15:00 AM	908100.000	123.889	19.747	279.073
43196.637	48014.176	32649.643	1.022	14.752

12/12/2015 12:30:00 AM	909000.000	123.923	19.747	279.150
43178.043	47993.160	32635.350	1.022	14.745
12/12/2015 12:45:00 AM	909900.000	123.895	19.749	279.086
43187.777	48002.375	32641.617	1.022	14.760
12/12/2015 1:00:00 AM	910800.000	123.860	19.750	279.006
43190.742	48004.234	32642.879	1.022	14.755
12/12/2015 1:15:00 AM	911700.000	123.912	19.752	279.124
43182.766	47993.590	32635.643	1.022	14.756
12/12/2015 1:30:00 AM	912600.000	123.846	19.751	278.976
43208.844	48023.117	32655.723	1.022	14.761
12/12/2015 1:45:00 AM	913500.000	123.856	19.750	278.998
43185.305	47997.840	32638.535	1.022	14.767
12/12/2015 2:00:00 AM	914400.000	123.817	19.750	278.910
43187.582	48001.000	32640.682	1.022	14.762
12/12/2015 2:15:00 AM	915300.000	123.801	19.749	278.874
43189.039	48003.508	32642.387	1.022	14.762
12/12/2015 2:30:00 AM	916200.000	123.801	19.750	278.873
43199.074	48014.039	32649.547	1.022	14.765
12/12/2015 2:45:00 AM	917100.000	123.771	19.749	278.806
43219.125	48036.949	32665.127	1.022	14.770
12/12/2015 3:00:00 AM	918000.000	123.778	19.749	278.822
43184.063	47997.531	32638.324	1.022	14.771
12/12/2015 3:15:00 AM	918900.000	123.762	19.753	278.787
43200.309	48012.199	32648.297	1.022	14.771
12/12/2015 3:30:00 AM	919800.000	123.776	19.752	278.818
43188.313	47999.488	32639.652	1.022	14.766
12/12/2015 3:45:00 AM	920700.000	123.772	19.752	278.810
43187.863	47999.168	32639.436	1.022	14.762
12/12/2015 4:00:00 AM	921600.000	123.732	19.752	278.720
43184.035	47995.191	32636.730	1.022	14.763
12/12/2015 4:15:00 AM	922500.000	123.737	19.750	278.729
43210.402	48026.453	32657.990	1.022	14.761
12/12/2015 4:30:00 AM	923400.000	123.760	19.751	278.781
43201.418	48014.863	32650.107	1.022	14.762
12/12/2015 4:45:00 AM	924300.000	123.757	19.753	278.775
43182.465	47991.754	32634.396	1.022	14.760
12/12/2015 5:00:00 AM	925200.000	123.758	19.752	278.776
43196.250	48008.676	32645.900	1.022	14.774
12/12/2015 5:15:00 AM	926100.000	123.790	19.752	278.848
43187.281	47998.258	32638.816	1.022	14.772
12/12/2015 5:30:00 AM	927000.000	123.812	19.752	278.898
43196.727	48009.020	32646.133	1.022	14.776
12/12/2015 5:45:00 AM	927900.000	123.790	19.751	278.849
43225.637	48041.957	32668.533	1.022	14.775
12/12/2015 6:00:00 AM	928800.000	123.804	19.752	278.880
43202.461	48015.758	32650.715	1.022	14.774
12/12/2015 6:15:00 AM	929700.000	123.822	19.752	278.921
43187.645	47998.660	32639.092	1.022	14.775
12/12/2015 6:30:00 AM	930600.000	123.853	19.752	278.991
43189.133	48000.402	32640.273	1.022	14.782
12/12/2015 6:45:00 AM	931500.000	123.865	19.753	279.017
43174.785	47983.832	32629.010	1.022	14.792
12/12/2015 7:00:00 AM	932400.000	123.915	19.753	279.131
43212.664	48025.488	32657.334	1.022	14.787

12/12/2015 7:15:00 AM	933300.000	123.923	19.752	279.148
43218.512	48032.703	32662.238	1.022	14.790
12/12/2015 7:30:00 AM	934200.000	123.967	19.753	279.249
43203.031	48014.867	32650.111	1.022	14.779
12/12/2015 7:45:00 AM	935100.000	123.994	19.753	279.307
43215.750	48028.918	32659.664	1.022	14.791
12/12/2015 8:00:00 AM	936000.000	124.014	19.754	279.354
43191.461	48000.680	32640.465	1.022	14.793
12/12/2015 8:15:00 AM	936900.000	124.095	19.756	279.537
43187.363	47994.523	32636.275	1.022	14.791
12/12/2015 8:30:00 AM	937800.000	124.096	19.757	279.538
43188.367	47994.574	32636.311	1.022	14.797
12/12/2015 8:45:00 AM	938700.000	124.119	19.756	279.591
43199.992	48009.004	32646.125	1.022	14.798
12/12/2015 9:00:00 AM	939600.000	124.134	19.758	279.624
43188.379	47993.871	32635.834	1.022	14.804
12/12/2015 9:15:00 AM	940500.000	124.159	19.759	279.681
43198.195	48003.000	32642.045	1.022	14.812
12/12/2015 9:30:00 AM	941400.000	124.173	19.759	279.711
43181.137	47984.758	32629.635	1.022	14.806
12/12/2015 9:45:00 AM	942300.000	124.176	19.760	279.718
43205.324	48010.840	32647.373	1.022	14.814
12/12/2015 10:00:00 AM	943200.000	124.210	19.759	279.794
43201.648	48007.105	32644.832	1.022	14.814
12/12/2015 10:15:00 AM	944100.000	124.214	19.759	279.803
43194.691	47999.375	32639.576	1.022	14.809
12/12/2015 10:30:00 AM	945000.000	124.210	19.759	279.796
43199.844	48004.832	32643.287	1.022	14.815
12/12/2015 10:45:00 AM	945900.000	124.212	19.760	279.801
43232.078	48040.117	32667.281	1.022	14.816
12/12/2015 11:00:00 AM	946800.000	124.195	19.760	279.760
43193.711	47997.484	32638.291	1.022	14.816
12/12/2015 11:15:00 AM	947700.000	124.190	19.761	279.749
43193.324	47995.715	32637.088	1.022	14.812
12/12/2015 11:30:00 AM	948600.000	124.181	19.762	279.730
43240.324	48047.234	32672.119	1.022	14.814
12/12/2015 11:45:00 AM	949500.000	124.157	19.761	279.675
43187.953	47989.840	32633.096	1.022	14.810
12/12/2015 12:00:00 PM	950400.000	124.126	19.761	279.606
43167.969	47967.633	32617.992	1.022	14.811
12/12/2015 12:15:00 PM	951300.000	124.128	19.761	279.610
43202.691	48006.660	32644.531	1.022	14.811
12/12/2015 12:30:00 PM	952200.000	124.059	19.762	279.454
43174.754	47974.094	32622.387	1.022	14.814
12/12/2015 12:45:00 PM	953100.000	124.028	19.763	279.386
43218.738	48022.711	32655.445	1.022	14.808
12/12/2015 1:00:00 PM	954000.000	123.982	19.762	279.282
43199.715	48001.922	32641.309	1.022	14.807
12/12/2015 1:15:00 PM	954900.000	123.965	19.763	279.243
43186.688	47986.383	32630.740	1.022	14.808
12/12/2015 1:30:00 PM	955800.000	123.886	19.763	279.065
43203.164	48005.051	32643.436	1.022	14.808
12/12/2015 1:45:00 PM	956700.000	123.866	19.762	279.021
43231.332	48036.875	32665.078	1.022	14.813

12/12/2015 2:00:00 PM	957600.000	123.826	19.761	278.931
43202.316	48005.801	32643.947	1.022	14.806
12/12/2015 2:15:00 PM	958500.000	123.747	19.760	278.752
43205.484	48010.480	32647.129	1.022	14.802
12/12/2015 2:30:00 PM	959400.000	123.706	19.760	278.660
43218.977	48025.379	32657.262	1.022	14.796
12/12/2015 2:45:00 PM	960300.000	123.674	19.761	278.588
43194.332	47996.742	32637.787	1.022	14.806
12/12/2015 3:00:00 PM	961200.000	123.599	19.761	278.420
43235.465	48042.891	32669.166	1.022	14.799
12/12/2015 3:15:00 PM	962100.000	123.554	19.761	278.318
43224.863	48031.297	32661.281	1.022	14.799
12/12/2015 3:30:00 PM	963000.000	123.504	19.761	278.204
43212.449	48016.875	32651.479	1.022	14.806
12/12/2015 3:45:00 PM	963900.000	123.454	19.759	278.093
43233.738	48042.582	32668.957	1.022	14.809
12/12/2015 4:00:00 PM	964800.000	123.455	19.760	278.095
43233.586	48042.148	32668.662	1.022	14.808
12/12/2015 4:15:00 PM	965700.000	123.399	19.759	277.967
43203.309	48008.855	32646.023	1.022	14.808
12/12/2015 4:30:00 PM	966600.000	123.357	19.760	277.874
43220.313	48027.309	32658.572	1.022	14.815
12/12/2015 4:45:00 PM	967500.000	123.346	19.759	277.850
43221.008	48029.066	32659.768	1.022	14.815
12/12/2015 5:00:00 PM	968400.000	123.308	19.759	277.763
43193.195	47997.617	32638.383	1.022	14.818
12/12/2015 5:15:00 PM	969300.000	123.293	19.760	277.730
43209.676	48014.875	32650.115	1.022	14.814
12/12/2015 5:30:00 PM	970200.000	123.274	19.760	277.686
43230.063	48037.527	32665.520	1.022	14.815
12/12/2015 5:45:00 PM	971100.000	123.298	19.759	277.741
43206.500	48012.398	32648.434	1.022	14.816
12/12/2015 6:00:00 PM	972000.000	123.269	19.760	277.676
43207.426	48012.637	32648.594	1.022	14.817
12/12/2015 6:15:00 PM	972900.000	123.266	19.760	277.668
43237.102	48045.246	32670.770	1.022	14.820
12/12/2015 6:30:00 PM	973800.000	123.298	19.759	277.740
43186.633	47990.418	32633.488	1.022	14.820
12/12/2015 6:45:00 PM	974700.000	123.272	19.760	277.683
43202.930	48007.992	32645.436	1.022	14.831
12/12/2015 7:00:00 PM	975600.000	123.289	19.759	277.721
43209.422	48015.477	32650.523	1.022	14.820
12/12/2015 7:15:00 PM	976500.000	123.359	19.759	277.878
43199.996	48005.000	32643.402	1.022	14.815
12/12/2015 7:30:00 PM	977400.000	123.348	19.760	277.853
43227.363	48035.055	32663.842	1.022	14.822
12/12/2015 7:45:00 PM	978300.000	123.362	19.759	277.884
43188.320	47992.199	32634.697	1.022	14.829
12/12/2015 8:00:00 PM	979200.000	123.400	19.758	277.971
43215.074	48022.918	32655.586	1.022	14.832
12/12/2015 8:15:00 PM	980100.000	123.438	19.760	278.057
43199.934	48004.219	32642.871	1.022	14.825
12/12/2015 8:30:00 PM	981000.000	123.504	19.759	278.205
43195.598	48000.199	32640.137	1.022	14.824

12/12/2015 8:45:00 PM	981900.000	123.531	19.758	278.267
43186.320	47990.867	32633.789	1.022	14.829
12/12/2015 9:00:00 PM	982800.000	123.537	19.758	278.280
43201.383	48007.605	32645.172	1.022	14.825
12/12/2015 9:15:00 PM	983700.000	123.569	19.759	278.352
43214.609	48021.598	32654.689	1.022	14.833
12/12/2015 9:30:00 PM	984600.000	123.626	19.760	278.480
43235.309	48043.441	32669.545	1.022	14.819
12/12/2015 9:45:00 PM	985500.000	123.663	19.759	278.563
43170.961	47972.906	32621.578	1.022	14.821
12/12/2015 10:00:00 PM	986400.000	123.686	19.759	278.614
43209.965	48016.793	32651.420	1.022	14.830
12/12/2015 10:15:00 PM	987300.000	123.722	19.759	278.695
43224.355	48032.070	32661.813	1.022	14.827
12/12/2015 10:30:00 PM	988200.000	123.754	19.760	278.769
43193.727	47997.680	32638.424	1.022	14.827
12/12/2015 10:45:00 PM	989100.000	123.783	19.759	278.833
43186.535	47990.852	32633.781	1.022	14.827
12/12/2015 11:00:00 PM	990000.000	123.807	19.758	278.886
43187.086	47991.816	32634.438	1.022	14.828
12/12/2015 11:15:00 PM	990900.000	123.834	19.757	278.948
43210.191	48018.473	32652.564	1.022	14.827
12/12/2015 11:30:00 PM	991800.000	123.846	19.759	278.975
43211.020	48017.520	32651.916	1.022	14.829
12/12/2015 11:45:00 PM	992700.000	123.877	19.762	279.044
43238.234	48045.270	32670.783	1.022	14.827
12/13/2015 12:00:00 AM	993600.000	123.880	19.764	279.053
43201.195	48001.977	32641.346	1.022	14.824
12/13/2015 12:15:00 AM	994500.000	123.907	19.763	279.113
43218.805	48022.785	32655.494	1.022	14.822
12/13/2015 12:30:00 AM	995400.000	123.910	19.764	279.119
43203.984	48004.879	32643.318	1.022	14.825
12/13/2015 12:45:00 AM	996300.000	123.942	19.765	279.191
43202.707	48002.574	32641.750	1.022	14.827
12/13/2015 1:00:00 AM	997200.000	123.903	19.764	279.104
43214.469	48016.273	32651.070	1.022	14.823
12/13/2015 1:15:00 AM	998100.000	123.910	19.766	279.120
43194.113	47992.223	32634.713	1.022	14.823
12/13/2015 1:30:00 AM	999000.000	123.906	19.766	279.110
43219.637	48020.148	32653.701	1.022	14.821
12/13/2015 1:45:00 AM	999900.000	123.897	19.765	279.091
43205.473	48005.391	32643.670	1.022	14.822
12/13/2015 2:00:00 AM	1000800.000	123.892	19.764	279.079
43238.680	48043.344	32669.475	1.022	14.816
12/13/2015 2:15:00 AM	1001700.000	123.880	19.762	279.052
43210.734	48014.270	32649.703	1.022	14.820
12/13/2015 2:30:00 AM	1002600.000	123.867	19.760	279.022
43223.844	48030.789	32660.938	1.022	14.819
12/13/2015 2:45:00 AM	1003500.000	123.852	19.761	278.989
43202.855	48006.930	32644.715	1.022	14.817
12/13/2015 3:00:00 AM	1004400.000	123.846	19.761	278.975
43261.277	48071.762	32688.801	1.022	14.815
12/13/2015 3:15:00 AM	1005300.000	123.833	19.759	278.947
43226.004	48034.168	32663.234	1.022	14.816

12/13/2015 3:30:00 AM	1006200.000	123.833	19.758	278.947
43225.859	48035.344	32664.035	1.022	14.799
12/13/2015 3:45:00 AM	1007100.000	123.820	19.759	278.917
43220.855	48028.797	32659.584	1.022	14.798
12/13/2015 4:00:00 AM	1008000.000	123.807	19.757	278.887
43204.211	48012.273	32648.346	1.022	14.803
12/13/2015 4:15:00 AM	1008900.000	123.807	19.755	278.886
43233.969	48047.742	32672.467	1.022	14.789
12/13/2015 4:30:00 AM	1009800.000	123.815	19.754	278.906
43219.211	48031.871	32661.674	1.022	14.782
12/13/2015 4:45:00 AM	1010700.000	123.832	19.755	278.943
43212.605	48023.469	32655.961	1.022	14.791
12/13/2015 5:00:00 AM	1011600.000	123.831	19.755	278.942
43226.617	48039.305	32666.729	1.022	14.786
12/13/2015 5:15:00 AM	1012500.000	123.838	19.754	278.958
43207.191	48018.340	32652.473	1.022	14.781
12/13/2015 5:30:00 AM	1013400.000	123.846	19.753	278.974
43232.992	48048.438	32672.939	1.022	14.783
12/13/2015 5:45:00 AM	1014300.000	123.854	19.752	278.994
43211.563	48025.066	32657.047	1.022	14.781
12/13/2015 6:00:00 AM	1015200.000	123.834	19.750	278.947
43233.586	48051.504	32675.025	1.022	14.776
12/13/2015 6:15:00 AM	1016100.000	123.884	19.751	279.060
43235.309	48052.527	32675.721	1.022	14.772
12/13/2015 6:30:00 AM	1017000.000	123.911	19.752	279.123
43236.141	48052.559	32675.742	1.022	14.773
12/13/2015 6:45:00 AM	1017900.000	123.894	19.752	279.083
43217.488	48032.547	32662.137	1.022	14.769
12/13/2015 7:00:00 AM	1018800.000	123.950	19.751	279.210
43189.934	48002.543	32641.730	1.022	14.776
12/13/2015 7:15:00 AM	1019700.000	123.974	19.750	279.263
43227.500	48045.367	32670.854	1.022	14.762
12/13/2015 7:30:00 AM	1020600.000	123.976	19.749	279.268
43216.113	48033.871	32663.037	1.022	14.757
12/13/2015 7:45:00 AM	1021500.000	124.004	19.751	279.330
43243.105	48061.543	32681.850	1.022	14.751
12/13/2015 8:00:00 AM	1022400.000	124.037	19.752	279.406
43218.902	48034.031	32663.143	1.022	14.747
12/13/2015 8:15:00 AM	1023300.000	124.074	19.750	279.489
43232.082	48049.922	32673.949	1.022	14.746
12/13/2015 8:30:00 AM	1024200.000	124.094	19.750	279.533
43244.398	48063.961	32683.494	1.022	14.750
12/13/2015 8:45:00 AM	1025100.000	124.132	19.750	279.618
43199.625	48013.934	32649.475	1.022	14.744
12/13/2015 9:00:00 AM	1026000.000	124.215	19.752	279.807
43213.645	48027.559	32658.740	1.022	14.731
12/13/2015 9:15:00 AM	1026900.000	124.240	19.752	279.862
43231.863	48047.805	32672.508	1.022	14.731
12/13/2015 9:30:00 AM	1027800.000	124.229	19.752	279.838
43198.238	48010.699	32647.277	1.022	14.728
12/13/2015 9:45:00 AM	1028700.000	124.255	19.752	279.897
43215.203	48029.918	32660.348	1.022	14.719
12/13/2015 10:00:00 AM	1029600.000	124.287	19.752	279.968
43245.285	48063.438	32683.141	1.022	14.713

12/13/2015 10:15:00 AM	1030500.000	124.303	19.751	280.005
43208.250	48022.719	32655.449	1.022	14.704
12/13/2015 10:30:00 AM	1031400.000	124.336	19.752	280.080
43219.137	48033.840	32663.014	1.022	14.691
12/13/2015 10:45:00 AM	1032300.000	124.348	19.754	280.105
43209.004	48020.883	32654.201	1.022	14.693
12/13/2015 11:00:00 AM	1033200.000	124.369	19.754	280.153
43225.941	48039.348	32666.756	1.022	14.728
12/13/2015 11:15:00 AM	1034100.000	124.332	19.754	280.069
43268.320	48086.363	32698.727	1.022	14.732
12/13/2015 11:30:00 AM	1035000.000	124.335	19.753	280.076
43217.234	48030.309	32660.609	1.022	14.729
12/13/2015 11:45:00 AM	1035900.000	124.322	19.754	280.047
43201.977	48012.543	32648.529	1.022	14.730
12/13/2015 12:00:00 PM	1036800.000	124.305	19.755	280.009
43244.609	48058.859	32680.027	1.022	14.732
12/13/2015 12:15:00 PM	1037700.000	124.286	19.756	279.966
43208.242	48017.547	32651.932	1.022	14.726
12/13/2015 12:30:00 PM	1038600.000	124.272	19.757	279.936
43220.254	48030.008	32660.408	1.022	14.724
12/13/2015 12:45:00 PM	1039500.000	124.246	19.757	279.875
43195.309	48002.465	32641.678	1.022	14.721
12/13/2015 1:00:00 PM	1040400.000	124.241	19.756	279.865
43217.156	48027.805	32658.908	1.022	14.728
12/13/2015 1:15:00 PM	1041300.000	124.185	19.756	279.738
43222.648	48034.184	32663.246	1.022	14.722
12/13/2015 1:30:00 PM	1042200.000	124.174	19.758	279.714
43244.848	48056.004	32678.086	1.022	14.724
12/13/2015 1:45:00 PM	1043100.000	124.100	19.759	279.546
43229.621	48038.734	32666.340	1.022	14.718
12/13/2015 2:00:00 PM	1044000.000	124.047	19.759	279.427
43247.699	48058.906	32680.057	1.022	14.728
12/13/2015 2:15:00 PM	1044900.000	124.003	19.758	279.330
43198.113	48004.070	32642.770	1.022	14.725
12/13/2015 2:30:00 PM	1045800.000	123.955	19.760	279.220
43217.930	48024.219	32656.471	1.022	14.724
12/13/2015 2:45:00 PM	1046700.000	123.901	19.761	279.100
43223.699	48029.910	32660.344	1.022	14.739
12/13/2015 3:00:00 PM	1047600.000	123.881	19.759	279.054
43228.945	48037.172	32665.279	1.022	14.734
12/13/2015 3:15:00 PM	1048500.000	123.809	19.759	278.892
43223.906	48032.188	32661.893	1.022	14.731
12/13/2015 3:30:00 PM	1049400.000	123.759	19.758	278.780
43212.234	48020.113	32653.680	1.022	14.734
12/13/2015 3:45:00 PM	1050300.000	123.716	19.758	278.683
43223.910	48033.270	32662.625	1.022	14.730
12/13/2015 4:00:00 PM	1051200.000	123.667	19.758	278.573
43230.512	48040.605	32667.613	1.022	14.737
12/13/2015 4:15:00 PM	1052100.000	123.665	19.758	278.568
43240.863	48052.367	32675.609	1.022	14.732
12/13/2015 4:30:00 PM	1053000.000	123.585	19.756	278.387
43216.523	48026.656	32658.127	1.022	14.740
12/13/2015 4:45:00 PM	1053900.000	123.581	19.756	278.379
43232.766	48045.152	32670.703	1.022	14.743

12/13/2015 5:00:00 PM	1054800.000	123.513	19.756	278.225
43221.828	48032.910	32662.381	1.022	14.747
12/13/2015 5:15:00 PM	1055700.000	123.485	19.757	278.162
43226.918	48037.941	32665.803	1.022	14.749
12/13/2015 5:30:00 PM	1056600.000	123.452	19.757	278.088
43221.582	48031.578	32661.473	1.022	14.746
12/13/2015 5:45:00 PM	1057500.000	123.466	19.756	278.118
43250.539	48064.996	32684.201	1.022	14.751
12/13/2015 6:00:00 PM	1058400.000	123.421	19.757	278.019
43211.289	48019.859	32653.508	1.022	14.747
12/13/2015 6:15:00 PM	1059300.000	123.401	19.756	277.973
43183.109	47989.797	32633.064	1.022	14.753
12/13/2015 6:30:00 PM	1060200.000	123.390	19.756	277.948
43213.363	48023.238	32655.803	1.022	14.756
12/13/2015 6:45:00 PM	1061100.000	123.386	19.756	277.939
43180.637	47986.957	32631.135	1.022	14.755
12/13/2015 7:00:00 PM	1062000.000	123.391	19.756	277.951
43229.926	48041.824	32668.441	1.022	14.754
12/13/2015 7:15:00 PM	1062900.000	123.397	19.756	277.965
43214.477	48024.383	32656.582	1.022	14.756
12/13/2015 7:30:00 PM	1063800.000	123.413	19.755	278.000
43231.949	48045.230	32670.762	1.022	14.758
12/13/2015 7:45:00 PM	1064700.000	123.429	19.753	278.035
43224.824	48039.531	32666.881	1.022	14.762
12/13/2015 8:00:00 PM	1065600.000	123.453	19.753	278.091
43224.824	48039.531	32666.881	1.022	14.755
12/13/2015 8:15:00 PM	1066500.000	123.464	19.755	278.115
43217.180	48029.000	32659.721	1.022	14.758
12/13/2015 8:30:00 PM	1067400.000	123.533	19.755	278.271
43207.797	48018.391	32652.508	1.022	14.755
12/13/2015 8:45:00 PM	1068300.000	123.562	19.755	278.335
43192.844	48001.867	32641.270	1.022	14.768
12/13/2015 9:00:00 PM	1069200.000	123.593	19.755	278.406
43216.152	48027.582	32658.756	1.022	14.769
12/13/2015 9:15:00 PM	1070100.000	123.607	19.754	278.438
43230.285	48044.004	32669.926	1.022	14.760
12/13/2015 9:30:00 PM	1071000.000	123.640	19.753	278.512
43217.047	48030.102	32660.469	1.022	14.759
12/13/2015 9:45:00 PM	1071900.000	123.675	19.754	278.591
43224.965	48038.449	32666.148	1.022	14.763
12/13/2015 10:00:00 PM	1072800.000	123.755	19.752	278.771
43212.391	48026.164	32657.791	1.022	14.763
12/13/2015 10:15:00 PM	1073700.000	123.789	19.754	278.846
43236.137	48051.223	32674.836	1.022	14.759
12/13/2015 10:30:00 PM	1074600.000	123.793	19.753	278.856
43233.223	48048.516	32672.992	1.022	14.760
12/13/2015 10:45:00 PM	1075500.000	123.835	19.753	278.951
43202.719	48014.434	32649.814	1.022	14.757
12/13/2015 11:00:00 PM	1076400.000	123.861	19.755	279.010
43258.414	48074.992	32690.994	1.022	14.759
12/13/2015 11:15:00 PM	1077300.000	123.929	19.751	279.163
43215.750	48030.699	32660.877	1.022	14.759
12/13/2015 11:30:00 PM	1078200.000	123.955	19.753	279.222
43232.016	48047.352	32672.199	1.022	14.762

12/13/2015 11:45:00 PM	1079100.000	123.984	19.751	279.287
43214.328	48029.117	32659.801	1.022	14.761
12/14/2015 12:00:00 AM	1080000.000	123.978	19.750	279.272
43220.918	48037.516	32665.512	1.022	14.760
12/14/2015 12:15:00 AM	1080900.000	123.998	19.752	279.317
43240.109	48057.148	32678.863	1.022	14.759
12/14/2015 12:30:00 AM	1081800.000	124.015	19.753	279.356
43226.172	48040.770	32667.725	1.022	14.756
12/14/2015 12:45:00 AM	1082700.000	124.040	19.752	279.412
43241.688	48058.633	32679.875	1.022	14.751
12/14/2015 1:00:00 AM	1083600.000	124.038	19.752	279.408
43237.793	48054.305	32676.930	1.022	14.758
12/14/2015 1:15:00 AM	1084500.000	124.045	19.752	279.423
43231.727	48048.004	32672.646	1.022	14.758
12/14/2015 1:30:00 AM	1085400.000	124.041	19.752	279.415
43237.410	48054.516	32677.070	1.022	14.761
12/14/2015 1:45:00 AM	1086300.000	124.042	19.752	279.418
43250.543	48069.020	32686.936	1.022	14.762
12/14/2015 2:00:00 AM	1087200.000	124.035	19.753	279.400
43271.699	48091.453	32702.189	1.022	14.764
12/14/2015 2:15:00 AM	1088100.000	124.030	19.752	279.390
43239.805	48057.082	32678.818	1.022	14.774
12/14/2015 2:30:00 AM	1089000.000	124.028	19.751	279.385
43223.855	48040.508	32667.545	1.022	14.766
12/14/2015 2:45:00 AM	1089900.000	124.019	19.751	279.365
43219.969	48035.926	32664.432	1.022	14.765
12/14/2015 3:00:00 AM	1090800.000	124.012	19.753	279.348
43233.160	48048.008	32672.648	1.022	14.763
12/14/2015 3:15:00 AM	1091700.000	123.998	19.754	279.318
43227.750	48041.453	32668.189	1.022	14.761
12/14/2015 3:30:00 AM	1092600.000	123.970	19.753	279.256
43223.914	48038.520	32666.195	1.022	14.764
12/14/2015 3:45:00 AM	1093500.000	123.964	19.753	279.240
43230.746	48045.668	32671.055	1.022	14.767
12/14/2015 4:00:00 AM	1094400.000	123.940	19.753	279.188
43279.961	48100.023	32708.016	1.022	14.769
12/14/2015 4:15:00 AM	1095300.000	123.929	19.754	279.163
43200.242	48010.531	32647.164	1.022	14.766
12/14/2015 4:30:00 AM	1096200.000	123.926	19.754	279.155
43248.973	48064.594	32683.926	1.022	14.764
12/14/2015 4:45:00 AM	1097100.000	123.950	19.754	279.208
43197.785	48008.516	32645.793	1.022	14.765
12/14/2015 5:00:00 AM	1098000.000	123.906	19.754	279.110
43228.645	48042.004	32668.564	1.022	14.764
12/14/2015 5:15:00 AM	1098900.000	123.898	19.753	279.093
43226.695	48041.703	32668.361	1.022	14.769
12/14/2015 5:30:00 AM	1099800.000	123.927	19.752	279.158
43236.750	48053.500	32676.385	1.022	14.771
12/14/2015 5:45:00 AM	1100700.000	123.896	19.752	279.088
43242.672	48059.902	32680.736	1.022	14.771
12/14/2015 6:00:00 AM	1101600.000	123.893	19.751	279.080
43238.621	48056.563	32678.463	1.022	14.775
12/14/2015 6:15:00 AM	1102500.000	123.895	19.750	279.086
43245.973	48065.535	32684.566	1.022	14.776

12/14/2015 6:30:00 AM	1103400.000	123.949	19.752	279.207
43252.039	48070.945	32688.244	1.022	14.769
12/14/2015 6:45:00 AM	1104300.000	123.944	19.752	279.195
43229.938	48046.211	32671.426	1.022	14.776
12/14/2015 7:00:00 AM	1105200.000	123.921	19.752	279.144
43213.816	48027.750	32658.875	1.022	14.780
12/14/2015 7:15:00 AM	1106100.000	123.946	19.752	279.201
43210.605	48023.914	32656.262	1.022	14.781
12/14/2015 7:30:00 AM	1107000.000	123.951	19.754	279.211
43223.484	48036.805	32665.027	1.022	14.781
12/14/2015 7:45:00 AM	1107900.000	123.986	19.753	279.292
43222.652	48036.418	32664.764	1.022	14.778
12/14/2015 8:00:00 AM	1108800.000	124.001	19.754	279.325
43233.668	48048.395	32672.908	1.022	14.783
12/14/2015 8:15:00 AM	1109700.000	124.032	19.753	279.394
43203.402	48015.723	32650.691	1.022	14.783
12/14/2015 8:30:00 AM	1110600.000	124.047	19.751	279.427
43219.367	48034.719	32663.613	1.022	14.783
12/14/2015 8:45:00 AM	1111500.000	124.096	19.753	279.539
43245.973	48062.684	32682.625	1.022	14.789
12/14/2015 9:00:00 AM	1112400.000	124.098	19.753	279.544
43237.414	48052.996	32676.037	1.022	14.786
12/14/2015 9:15:00 AM	1113300.000	124.125	19.752	279.605
43224.230	48040.039	32667.229	1.022	14.795
12/14/2015 9:30:00 AM	1114200.000	124.189	19.754	279.747
43221.988	48035.313	32664.018	1.022	14.793
12/14/2015 9:45:00 AM	1115100.000	124.184	19.752	279.736
43248.512	48066.938	32685.520	1.022	14.801
12/14/2015 10:00:00 AM	1116000.000	124.213	19.751	279.802
43221.832	48037.816	32665.719	1.022	14.799
12/14/2015 10:15:00 AM	1116900.000	124.229	19.754	279.838
43221.816	48035.121	32663.883	1.022	14.793
12/14/2015 10:30:00 AM	1117800.000	124.284	19.753	279.961
43234.277	48050.129	32674.092	1.022	14.798
12/14/2015 10:45:00 AM	1118700.000	124.279	19.754	279.950
43220.777	48034.156	32663.227	1.022	14.800
12/14/2015 11:00:00 AM	1119600.000	124.283	19.754	279.959
43238.922	48053.605	32676.453	1.022	14.793
12/14/2015 11:15:00 AM	1120500.000	124.293	19.754	279.982
43213.070	48024.961	32656.975	1.022	14.791
12/14/2015 11:30:00 AM	1121400.000	124.301	19.754	280.000
43204.227	48015.043	32650.230	1.022	14.794
12/14/2015 11:45:00 AM	1122300.000	124.306	19.752	280.012
43217.723	48031.824	32661.645	1.022	14.790
12/14/2015 12:00:00 PM	1123200.000	124.300	19.754	279.999
43262.016	48079.184	32693.848	1.022	14.785
12/14/2015 12:15:00 PM	1124100.000	124.333	19.752	280.073
43242.594	48059.910	32680.740	1.022	14.786
12/14/2015 12:30:00 PM	1125000.000	124.296	19.751	279.990
43232.543	48050.164	32674.113	1.022	14.779
12/14/2015 12:45:00 PM	1125900.000	124.282	19.751	279.958
43252.727	48072.238	32689.125	1.022	14.776
12/14/2015 1:00:00 PM	1126800.000	124.297	19.749	279.992
43241.156	48061.168	32681.596	1.022	14.774

12/14/2015 1:15:00 PM	1127700.000	124.242	19.750	279.866
43237.348	48055.863	32677.990	1.022	14.782
12/14/2015 1:30:00 PM	1128600.000	124.203	19.750	279.780
43232.188	48050.758	32674.520	1.022	14.786
12/14/2015 1:45:00 PM	1129500.000	124.192	19.749	279.755
43225.496	48043.945	32669.883	1.022	14.777
12/14/2015 2:00:00 PM	1130400.000	124.160	19.750	279.683
43239.359	48058.465	32679.756	1.022	14.776
12/14/2015 2:15:00 PM	1131300.000	124.146	19.751	279.651
43219.211	48034.637	32663.555	1.022	14.782
12/14/2015 2:30:00 PM	1132200.000	124.077	19.752	279.496
43256.773	48075.668	32691.455	1.022	14.777
12/14/2015 2:45:00 PM	1133100.000	124.024	19.752	279.376
43231.871	48048.164	32672.752	1.022	14.786
12/14/2015 3:00:00 PM	1134000.000	124.017	19.751	279.361
43265.539	48086.477	32698.807	1.022	14.782
12/14/2015 3:15:00 PM	1134900.000	123.940	19.753	279.188
43230.434	48045.680	32671.063	1.022	14.782
12/14/2015 3:30:00 PM	1135800.000	123.900	19.753	279.097
43241.246	48057.781	32679.291	1.022	14.777
12/14/2015 3:45:00 PM	1136700.000	123.863	19.753	279.013
43267.797	48086.938	32699.119	1.022	14.778
12/14/2015 4:00:00 PM	1137600.000	123.808	19.753	278.891
43234.879	48050.262	32674.180	1.022	14.777
12/14/2015 4:15:00 PM	1138500.000	123.799	19.752	278.869
43236.297	48052.555	32675.740	1.022	14.780
12/14/2015 4:30:00 PM	1139400.000	123.719	19.752	278.690
43267.949	48087.648	32699.604	1.022	14.786
12/14/2015 4:45:00 PM	1140300.000	123.671	19.751	278.582
43237.652	48055.227	32677.555	1.022	14.789
12/14/2015 5:00:00 PM	1141200.000	123.646	19.752	278.524
43219.355	48034.449	32663.426	1.022	14.778
12/14/2015 5:15:00 PM	1142100.000	123.596	19.752	278.412
43213.582	48027.309	32658.572	1.022	14.784
12/14/2015 5:30:00 PM	1143000.000	123.564	19.752	278.340
43232.176	48047.887	32672.566	1.022	14.790
12/14/2015 5:45:00 PM	1143900.000	123.539	19.753	278.283
43264.121	48082.945	32696.404	1.022	14.783
12/14/2015 6:00:00 PM	1144800.000	123.543	19.752	278.293
43233.602	48050.086	32674.061	1.022	14.777
12/14/2015 6:15:00 PM	1145700.000	123.480	19.752	278.152
43250.688	48068.813	32686.795	1.022	14.788
12/14/2015 6:30:00 PM	1146600.000	123.459	19.752	278.104
43227.844	48043.602	32669.650	1.022	14.788
12/14/2015 6:45:00 PM	1147500.000	123.445	19.752	278.072
43267.121	48087.707	32699.643	1.022	14.786
12/14/2015 7:00:00 PM	1148400.000	123.443	19.751	278.067
43233.824	48051.590	32675.084	1.022	14.784
12/14/2015 7:15:00 PM	1149300.000	123.421	19.750	278.018
43266.895	48089.512	32700.871	1.022	14.795
12/14/2015 7:30:00 PM	1150200.000	123.421	19.748	278.018
43195.691	48011.711	32647.965	1.022	14.792
12/14/2015 7:45:00 PM	1151100.000	123.422	19.748	278.019
43252.789	48075.086	32691.059	1.022	14.795

12/14/2015 8:00:00 PM	1152000.000	123.471	19.748	278.129
43229.926	48049.676	32673.783	1.022	14.788
12/14/2015 8:15:00 PM	1152900.000	123.444	19.748	278.069
43247.391	48069.703	32687.400	1.022	14.791
12/14/2015 8:30:00 PM	1153800.000	123.461	19.747	278.108
43199.941	48017.500	32651.900	1.022	14.790
12/14/2015 8:45:00 PM	1154700.000	123.481	19.748	278.153
43227.832	48047.789	32672.496	1.022	14.792
12/14/2015 9:00:00 PM	1155600.000	123.517	19.746	278.234
43245.746	48069.750	32687.432	1.022	14.788
12/14/2015 9:15:00 PM	1156500.000	123.544	19.746	278.294
43199.758	48018.980	32652.908	1.022	14.783
12/14/2015 9:30:00 PM	1157400.000	123.570	19.745	278.355
43240.645	48064.969	32684.182	1.022	14.783
12/14/2015 9:45:00 PM	1158300.000	123.604	19.748	278.431
43209.719	48027.387	32658.623	1.022	14.783
12/14/2015 10:00:00 PM	1159200.000	123.645	19.745	278.522
43231.273	48054.285	32676.914	1.022	14.784
12/14/2015 10:15:00 PM	1160100.000	123.680	19.744	278.602
43235.855	48060.359	32681.045	1.022	14.784
12/14/2015 10:30:00 PM	1161000.000	123.726	19.743	278.706
43260.969	48089.164	32700.635	1.022	14.780
12/14/2015 10:45:00 PM	1161900.000	123.759	19.742	278.779
43247.695	48075.836	32691.570	1.022	14.781
12/14/2015 11:00:00 PM	1162800.000	123.794	19.741	278.859
43222.359	48048.387	32672.904	1.022	14.781
12/14/2015 11:15:00 PM	1163700.000	123.821	19.741	278.919
43250.238	48079.746	32694.229	1.022	14.785
12/14/2015 11:30:00 PM	1164600.000	123.866	19.740	279.021
43262.543	48094.313	32704.137	1.022	14.777
12/14/2015 11:45:00 PM	1165500.000	123.903	19.739	279.103
43237.641	48067.422	32685.848	1.022	14.780
12/15/2015 12:00:00 AM	1166400.000	123.932	19.740	279.168
43229.785	48058.152	32679.547	1.022	14.776
12/15/2015 12:15:00 AM	1167300.000	123.965	19.740	279.243
43213.016	48039.336	32666.748	1.022	14.773
12/15/2015 12:30:00 AM	1168200.000	124.019	19.739	279.365
43234.645	48064.637	32683.957	1.022	14.777
12/15/2015 12:45:00 AM	1169100.000	124.016	19.740	279.358
43227.305	48055.582	32677.799	1.022	14.773
12/15/2015 1:00:00 AM	1170000.000	124.034	19.740	279.398
43269.297	48101.633	32709.113	1.022	14.775
12/15/2015 1:15:00 AM	1170900.000	124.052	19.740	279.439
43211.285	48037.680	32665.623	1.022	14.773
12/15/2015 1:30:00 AM	1171800.000	124.098	19.739	279.543
43240.945	48071.199	32688.420	1.022	14.776
12/15/2015 1:45:00 AM	1172700.000	124.073	19.739	279.486
43224.391	48053.047	32676.074	1.022	14.775
12/15/2015 2:00:00 AM	1173600.000	124.083	19.739	279.508
43244.395	48074.930	32690.957	1.022	14.771
12/15/2015 2:15:00 AM	1174500.000	124.081	19.739	279.505
43216.297	48043.695	32669.717	1.022	14.775
12/15/2015 2:30:00 AM	1175400.000	124.114	19.740	279.578
43224.145	48051.793	32675.221	1.022	14.779

12/15/2015 2:45:00 AM	1176300.000	124.077	19.740	279.496
43230.230	48058.832	32680.008	1.022	14.780
12/15/2015 3:00:00 AM	1177200.000	124.070	19.738	279.480
43222.117	48051.152	32674.785	1.022	14.782
12/15/2015 3:15:00 AM	1178100.000	124.071	19.738	279.481
43212.699	48040.590	32667.602	1.022	14.783
12/15/2015 3:30:00 AM	1179000.000	124.058	19.739	279.454
43258.191	48090.625	32701.625	1.022	14.782
12/15/2015 3:45:00 AM	1179900.000	124.048	19.739	279.430
43262.016	48095.152	32704.705	1.022	14.789
12/15/2015 4:00:00 AM	1180800.000	124.038	19.738	279.409
43227.680	48057.949	32679.408	1.022	14.780
12/15/2015 4:15:00 AM	1181700.000	124.023	19.739	279.375
43215.555	48043.676	32669.701	1.022	14.791
12/15/2015 4:30:00 AM	1182600.000	124.008	19.737	279.340
43252.648	48086.156	32698.590	1.022	14.786
12/15/2015 4:45:00 AM	1183500.000	124.024	19.738	279.377
43234.363	48064.672	32683.979	1.022	14.792
12/15/2015 5:00:00 AM	1184400.000	124.014	19.737	279.354
43254.000	48088.023	32699.855	1.022	14.788
12/15/2015 5:15:00 AM	1185300.000	123.976	19.736	279.268
43231.207	48063.398	32683.113	1.022	14.790
12/15/2015 5:30:00 AM	1186200.000	123.965	19.736	279.242
43245.223	48079.156	32693.828	1.022	14.790
12/15/2015 5:45:00 AM	1187100.000	123.957	19.735	279.224
43217.176	48048.961	32673.295	1.022	14.787
12/15/2015 6:00:00 AM	1188000.000	123.974	19.736	279.264
43227.070	48058.973	32680.104	1.022	14.798
12/15/2015 6:15:00 AM	1188900.000	123.935	19.734	279.175
43242.293	48077.594	32692.764	1.022	14.797
12/15/2015 6:30:00 AM	1189800.000	123.930	19.735	279.163
43242.375	48076.711	32692.166	1.022	14.800
12/15/2015 6:45:00 AM	1190700.000	123.937	19.734	279.180
43233.313	48068.238	32686.404	1.022	14.791
12/15/2015 7:00:00 AM	1191600.000	123.962	19.736	279.237
43237.125	48069.883	32687.523	1.022	14.803
12/15/2015 7:15:00 AM	1192500.000	123.969	19.735	279.253
43240.578	48074.887	32690.926	1.022	14.800
12/15/2015 7:30:00 AM	1193400.000	123.976	19.735	279.268
43221.090	48053.660	32676.490	1.022	14.799
12/15/2015 7:45:00 AM	1194300.000	123.959	19.734	279.230
43242.676	48077.934	32692.996	1.022	14.803
12/15/2015 8:00:00 AM	1195200.000	123.995	19.734	279.311
43242.598	48078.379	32693.303	1.022	14.806
12/15/2015 8:15:00 AM	1196100.000	123.980	19.733	279.278
43241.844	48078.879	32693.643	1.022	14.804
12/15/2015 8:30:00 AM	1197000.000	124.002	19.734	279.327
43223.844	48057.711	32679.244	1.022	14.805
12/15/2015 8:45:00 AM	1197900.000	124.011	19.732	279.347
43250.691	48089.430	32700.813	1.022	14.813
12/15/2015 9:00:00 AM	1198800.000	124.043	19.731	279.418
43254.141	48094.695	32704.395	1.022	14.810
12/15/2015 9:15:00 AM	1199700.000	124.093	19.731	279.531
43258.871	48099.867	32707.912	1.022	14.812

12/15/2015 9:30:00 AM	1200600.000	124.081	19.732	279.504
43256.918	48096.176	32705.402	1.022	14.819
12/15/2015 9:45:00 AM	1201500.000	124.109	19.732	279.568
43237.418	48074.410	32690.602	1.022	14.813
12/15/2015 10:00:00 AM	1202400.000	124.126	19.733	279.605
43203.176	48035.184	32663.930	1.022	14.815
12/15/2015 10:15:00 AM	1203300.000	124.194	19.731	279.760
43237.348	48075.219	32691.150	1.022	14.808
12/15/2015 10:30:00 AM	1204200.000	124.184	19.730	279.737
43258.797	48100.145	32708.100	1.022	14.816
12/15/2015 10:45:00 AM	1205100.000	124.240	19.732	279.863
43262.621	48102.695	32709.836	1.022	14.805
12/15/2015 11:00:00 AM	1206000.000	124.216	19.731	279.809
43202.281	48036.145	32664.582	1.022	14.815
12/15/2015 11:15:00 AM	1206900.000	124.251	19.731	279.887
43240.855	48079.563	32694.104	1.022	14.809
12/15/2015 11:30:00 AM	1207800.000	124.261	19.730	279.909
43232.492	48071.340	32688.516	1.022	14.807
12/15/2015 11:45:00 AM	1208700.000	124.283	19.730	279.959
43237.121	48076.570	32692.070	1.022	14.802
12/15/2015 12:00:00 PM	1209600.000	124.296	19.731	279.989
43236.906	48075.266	32691.186	1.022	14.796
12/15/2015 12:15:00 PM	1210500.000	124.294	19.732	279.983
43234.660	48071.691	32688.752	1.022	14.799
12/15/2015 12:30:00 PM	1211400.000	124.301	19.732	280.000
43237.656	48075.305	32691.207	1.022	14.802
12/15/2015 12:45:00 PM	1212300.000	124.332	19.732	280.070
43238.324	48075.680	32691.463	1.022	14.801
12/15/2015 1:00:00 PM	1213200.000	124.298	19.732	279.993
43245.980	48084.016	32697.133	1.022	14.798
12/15/2015 1:15:00 PM	1214100.000	124.293	19.731	279.983
43206.395	48041.246	32668.049	1.022	14.791
12/15/2015 1:30:00 PM	1215000.000	124.281	19.731	279.956
43264.348	48106.043	32712.113	1.022	14.796
12/15/2015 1:45:00 PM	1215900.000	124.263	19.730	279.915
43246.488	48086.809	32699.031	1.022	14.793
12/15/2015 2:00:00 PM	1216800.000	124.244	19.729	279.872
43192.395	48027.734	32658.859	1.022	14.791
12/15/2015 2:15:00 PM	1217700.000	124.222	19.730	279.823
43220.113	48057.746	32679.268	1.022	14.795
12/15/2015 2:30:00 PM	1218600.000	124.235	19.730	279.852
43231.941	48070.453	32687.908	1.022	14.786
12/15/2015 2:45:00 PM	1219500.000	124.166	19.729	279.697
43228.504	48067.887	32686.164	1.022	14.789
12/15/2015 3:00:00 PM	1220400.000	124.134	19.730	279.625
43234.270	48072.777	32689.492	1.022	14.792
12/15/2015 3:15:00 PM	1221300.000	124.095	19.728	279.537
43226.012	48066.539	32685.250	1.022	14.795
12/15/2015 3:30:00 PM	1222200.000	124.063	19.728	279.464
43216.152	48055.211	32677.543	1.022	14.793
12/15/2015 3:45:00 PM	1223100.000	124.019	19.730	279.366
43249.117	48089.910	32701.141	1.022	14.792
12/15/2015 4:00:00 PM	1224000.000	124.008	19.731	279.341
43274.547	48117.023	32719.578	1.022	14.797

12/15/2015 4:15:00 PM	1224900.000	123.949	19.729	279.208
43244.164	48085.301	32698.006	1.022	14.789
12/15/2015 4:30:00 PM	1225800.000	123.890	19.729	279.074
43238.258	48078.371	32693.295	1.022	14.803
12/15/2015 4:45:00 PM	1226700.000	123.855	19.729	278.996
43227.691	48066.898	32685.494	1.022	14.796
12/15/2015 5:00:00 PM	1227600.000	123.846	19.727	278.976
43213.840	48053.449	32676.346	1.022	14.796
12/15/2015 5:15:00 PM	1228500.000	123.773	19.729	278.811
43236.813	48077.207	32692.504	1.022	14.802
12/15/2015 5:30:00 PM	1229400.000	123.729	19.728	278.712
43249.344	48091.504	32702.225	1.022	14.806
12/15/2015 5:45:00 PM	1230300.000	123.696	19.728	278.637
43235.480	48076.898	32692.291	1.022	14.807
12/15/2015 6:00:00 PM	1231200.000	123.649	19.727	278.532
43245.738	48089.191	32700.652	1.022	14.820
12/15/2015 6:15:00 PM	1232100.000	123.621	19.727	278.468
43227.742	48068.824	32686.803	1.022	14.812
12/15/2015 6:30:00 PM	1233000.000	123.596	19.726	278.413
43195.117	48033.258	32662.617	1.022	14.810
12/15/2015 6:45:00 PM	1233900.000	123.568	19.728	278.349
43260.816	48105.156	32711.506	1.022	14.812
12/15/2015 7:00:00 PM	1234800.000	123.580	19.727	278.375
43229.555	48071.281	32688.473	1.022	14.814
12/15/2015 7:15:00 PM	1235700.000	123.518	19.726	278.237
43251.078	48096.188	32705.410	1.022	14.821
12/15/2015 7:30:00 PM	1236600.000	123.540	19.725	278.286
43248.449	48093.547	32703.613	1.022	14.821
12/15/2015 7:45:00 PM	1237500.000	123.508	19.724	278.213
43256.020	48103.656	32710.488	1.022	14.820
12/15/2015 8:00:00 PM	1238400.000	123.538	19.724	278.281
43270.719	48119.379	32721.180	1.022	14.816
12/15/2015 8:15:00 PM	1239300.000	123.495	19.725	278.185
43231.488	48075.402	32691.277	1.022	14.825
12/15/2015 8:30:00 PM	1240200.000	123.531	19.724	278.266
43253.922	48101.145	32708.781	1.022	14.826
12/15/2015 8:45:00 PM	1241100.000	123.506	19.725	278.208
43212.699	48054.508	32677.066	1.022	14.834
12/15/2015 9:00:00 PM	1242000.000	123.556	19.725	278.321
43225.059	48068.160	32686.352	1.022	14.828
12/15/2015 9:15:00 PM	1242900.000	123.573	19.725	278.360
43247.848	48093.238	32703.404	1.022	14.829
12/15/2015 9:30:00 PM	1243800.000	123.564	19.724	278.341
43252.125	48099.324	32707.543	1.022	14.829
12/15/2015 9:45:00 PM	1244700.000	123.590	19.724	278.400
43226.926	48071.574	32688.672	1.022	14.828
12/15/2015 10:00:00 PM	1245600.000	123.614	19.724	278.452
43237.352	48083.168	32696.557	1.022	14.834
12/15/2015 10:15:00 PM	1246500.000	123.639	19.723	278.509
43225.809	48070.691	32688.072	1.022	14.836
12/15/2015 10:30:00 PM	1247400.000	123.681	19.723	278.604
43228.137	48073.547	32690.014	1.022	14.835
12/15/2015 10:45:00 PM	1248300.000	123.744	19.723	278.746
43210.906	48053.855	32676.625	1.022	14.836

12/15/2015 11:00:00 PM	1249200.000	123.750	19.724	278.760
43236.016	48081.410	32695.361	1.022	14.835
12/15/2015 11:15:00 PM	1250100.000	123.791	19.724	278.851
43258.785	48106.289	32712.281	1.022	14.836
12/15/2015 11:30:00 PM	1251000.000	123.828	19.723	278.935
43268.547	48118.664	32720.691	1.022	14.833
12/15/2015 11:45:00 PM	1251900.000	123.868	19.723	279.024
43254.668	48103.406	32710.320	1.022	14.834
12/16/2015 12:00:00 AM	1252800.000	123.902	19.722	279.101
43261.500	48111.539	32715.852	1.022	14.840
12/16/2015 12:15:00 AM	1253700.000	123.944	19.722	279.196
43218.762	48064.188	32683.650	1.022	14.835
12/16/2015 12:30:00 AM	1254600.000	123.978	19.724	279.274
43235.172	48080.473	32694.725	1.022	14.832
12/16/2015 12:45:00 AM	1255500.000	124.005	19.724	279.333
43251.746	48098.727	32707.139	1.022	14.834
12/16/2015 1:00:00 AM	1256400.000	124.074	19.723	279.488
43227.676	48072.855	32689.545	1.022	14.832
12/16/2015 1:15:00 AM	1257300.000	124.059	19.722	279.456
43249.715	48098.711	32707.123	1.022	14.833
12/16/2015 1:30:00 AM	1258200.000	124.097	19.723	279.541
43229.328	48075.227	32691.154	1.022	14.832
12/16/2015 1:45:00 AM	1259100.000	124.108	19.722	279.566
43245.738	48094.094	32703.986	1.022	14.833
12/16/2015 2:00:00 AM	1260000.000	124.131	19.723	279.617
43213.891	48057.258	32678.936	1.022	14.834
12/16/2015 2:15:00 AM	1260900.000	124.144	19.724	279.647
43245.980	48092.492	32702.896	1.022	14.836
12/16/2015 2:30:00 AM	1261800.000	124.156	19.724	279.673
43243.496	48090.000	32701.203	1.022	14.839
12/16/2015 2:45:00 AM	1262700.000	124.163	19.722	279.690
43220.051	48065.527	32684.559	1.022	14.840
12/16/2015 3:00:00 AM	1263600.000	124.169	19.725	279.703
43238.844	48082.863	32696.350	1.022	14.838
12/16/2015 3:15:00 AM	1264500.000	124.168	19.726	279.701
43243.055	48087.098	32699.227	1.022	14.840
12/16/2015 3:30:00 AM	1265400.000	124.198	19.724	279.768
43252.352	48099.398	32707.592	1.022	14.839
12/16/2015 3:45:00 AM	1266300.000	124.197	19.723	279.766
43259.918	48109.066	32714.168	1.022	14.839
12/16/2015 4:00:00 AM	1267200.000	124.159	19.722	279.681
43233.598	48080.789	32694.939	1.022	14.838
12/16/2015 4:15:00 AM	1268100.000	124.147	19.720	279.653
43223.621	48071.555	32688.660	1.022	14.841
12/16/2015 4:30:00 AM	1269000.000	124.137	19.721	279.631
43223.941	48070.578	32687.996	1.022	14.837
12/16/2015 4:45:00 AM	1269900.000	124.159	19.722	279.680
43241.105	48088.496	32700.180	1.022	14.834
12/16/2015 5:00:00 AM	1270800.000	124.153	19.721	279.666
43231.574	48078.980	32693.711	1.022	14.833
12/16/2015 5:15:00 AM	1271700.000	124.100	19.722	279.548
43213.297	48058.109	32679.516	1.022	14.832
12/16/2015 5:30:00 AM	1272600.000	124.097	19.724	279.540
43253.328	48100.391	32708.268	1.022	14.831

12/16/2015 5:45:00 AM	1273500.000	124.072	19.723	279.485
43243.426	48090.547	32701.572	1.022	14.839
12/16/2015 6:00:00 AM	1274400.000	124.060	19.722	279.457
43237.816	48085.027	32697.818	1.022	14.834
12/16/2015 6:15:00 AM	1275300.000	124.050	19.722	279.435
43218.996	48064.813	32684.074	1.022	14.836
12/16/2015 6:30:00 AM	1276200.000	124.026	19.720	279.380
43300.078	48156.500	32746.422	1.022	14.840
12/16/2015 6:45:00 AM	1277100.000	124.023	19.721	279.374
43238.852	48087.246	32699.330	1.022	14.831
12/16/2015 7:00:00 AM	1278000.000	124.015	19.722	279.355
43243.648	48092.230	32702.717	1.022	14.831
12/16/2015 7:15:00 AM	1278900.000	124.005	19.721	279.333
43225.059	48072.094	32689.025	1.022	14.835
12/16/2015 7:30:00 AM	1279800.000	124.000	19.722	279.323
43246.805	48095.375	32704.857	1.022	14.841
12/16/2015 7:45:00 AM	1280700.000	123.998	19.721	279.318
43231.059	48078.406	32693.318	1.022	14.839
12/16/2015 8:00:00 AM	1281600.000	124.001	19.721	279.324
43236.605	48085.379	32698.059	1.022	14.841
12/16/2015 8:15:00 AM	1282500.000	124.003	19.720	279.329
43261.801	48114.016	32717.533	1.022	14.840
12/16/2015 8:30:00 AM	1283400.000	124.004	19.720	279.331
43243.121	48093.520	32703.594	1.022	14.845
12/16/2015 8:45:00 AM	1284300.000	124.004	19.720	279.331
43245.297	48095.219	32704.750	1.022	14.846
12/16/2015 9:00:00 AM	1285200.000	124.043	19.720	279.419
43242.973	48092.988	32703.236	1.022	14.849
12/16/2015 9:15:00 AM	1286100.000	124.016	19.720	279.359
43267.266	48120.094	32721.664	1.022	14.858
12/16/2015 9:30:00 AM	1287000.000	124.032	19.719	279.394
43249.563	48101.828	32709.248	1.022	14.855
12/16/2015 9:45:00 AM	1287900.000	124.049	19.719	279.432
43239.754	48090.922	32701.828	1.022	14.858
12/16/2015 10:00:00 AM	1288800.000	124.068	19.718	279.475
43249.340	48102.027	32709.381	1.022	14.854
12/16/2015 10:15:00 AM	1289700.000	124.090	19.720	279.524
43239.309	48088.645	32700.279	1.022	14.855
12/16/2015 10:30:00 AM	1290600.000	124.143	19.720	279.645
43251.594	48102.945	32710.006	1.022	14.851
12/16/2015 10:45:00 AM	1291500.000	124.130	19.720	279.616
43258.648	48110.688	32715.271	1.022	14.854
12/16/2015 11:00:00 AM	1292400.000	124.163	19.720	279.689
43265.098	48117.773	32720.090	1.022	14.840
12/16/2015 11:15:00 AM	1293300.000	124.215	19.721	279.805
43225.078	48072.203	32689.098	1.022	14.840
12/16/2015 11:30:00 AM	1294200.000	124.236	19.721	279.853
43262.102	48113.734	32717.342	1.022	14.839
12/16/2015 11:45:00 AM	1295100.000	124.215	19.721	279.807
43260.301	48111.641	32715.916	1.022	14.841
12/16/2015 12:00:00 PM	1296000.000	124.274	19.720	279.940
43252.273	48103.246	32710.209	1.022	14.835
12/16/2015 12:15:00 PM	1296900.000	124.254	19.722	279.895
43221.844	48067.074	32685.611	1.022	14.834

12/16/2015 12:30:00 PM	1297800.000	124.301	19.723	280.001
43240.426	48087.031	32699.184	1.022	14.829
12/16/2015 12:45:00 PM	1298700.000	124.283	19.724	279.960
43294.813	48146.355	32739.525	1.022	14.829
12/16/2015 1:00:00 PM	1299600.000	124.300	19.722	279.999
43245.523	48094.137	32704.014	1.022	14.827
12/16/2015 1:15:00 PM	1300500.000	124.298	19.722	279.994
43225.063	48071.383	32688.541	1.022	14.826
12/16/2015 1:30:00 PM	1301400.000	124.337	19.722	280.082
43247.320	48095.684	32705.066	1.022	14.821
12/16/2015 1:45:00 PM	1302300.000	124.298	19.721	279.993
43238.473	48086.738	32698.982	1.022	14.831
12/16/2015 2:00:00 PM	1303200.000	124.286	19.720	279.966
43242.961	48092.621	32702.984	1.022	14.834
12/16/2015 2:15:00 PM	1304100.000	124.290	19.721	279.976
43258.574	48109.008	32714.127	1.022	14.823
12/16/2015 2:30:00 PM	1305000.000	124.299	19.721	279.995
43221.094	48067.324	32685.783	1.022	14.830
12/16/2015 2:45:00 PM	1305900.000	124.289	19.722	279.974
43212.570	48057.488	32679.092	1.022	14.834
12/16/2015 3:00:00 PM	1306800.000	124.246	19.722	279.876
43212.707	48057.820	32679.320	1.022	14.828
12/16/2015 3:15:00 PM	1307700.000	124.222	19.720	279.822
43261.270	48113.793	32717.381	1.022	14.833
12/16/2015 3:30:00 PM	1308600.000	124.201	19.722	279.775
43237.578	48085.020	32697.814	1.022	14.834
12/16/2015 3:45:00 PM	1309500.000	124.171	19.722	279.707
43247.922	48096.172	32705.398	1.022	14.831
12/16/2015 4:00:00 PM	1310400.000	124.139	19.724	279.636
43233.316	48078.582	32693.436	1.022	14.831
12/16/2015 4:15:00 PM	1311300.000	124.105	19.723	279.558
43244.473	48091.711	32702.365	1.022	14.834
12/16/2015 4:30:00 PM	1312200.000	124.081	19.722	279.506
43268.547	48119.656	32721.367	1.022	14.834
12/16/2015 4:45:00 PM	1313100.000	124.040	19.720	279.413
43225.805	48074.160	32690.430	1.022	14.834
12/16/2015 5:00:00 PM	1314000.000	124.018	19.720	279.364
43216.746	48063.734	32683.342	1.022	14.827
12/16/2015 5:15:00 PM	1314900.000	123.975	19.720	279.265
43260.301	48112.348	32716.396	1.022	14.831
12/16/2015 5:30:00 PM	1315800.000	123.943	19.722	279.193
43260.145	48110.574	32715.195	1.022	14.827
12/16/2015 5:45:00 PM	1316700.000	123.897	19.722	279.090
43248.816	48097.520	32706.318	1.022	14.834
12/16/2015 6:00:00 PM	1317600.000	123.858	19.721	279.003
43263.672	48114.941	32718.162	1.022	14.837
12/16/2015 6:15:00 PM	1318500.000	123.859	19.721	279.005
43241.855	48090.680	32701.664	1.022	14.837
12/16/2015 6:30:00 PM	1319400.000	123.826	19.721	278.930
43246.949	48096.789	32705.818	1.022	14.842
12/16/2015 6:45:00 PM	1320300.000	123.754	19.720	278.768
43236.434	48085.895	32698.410	1.022	14.842
12/16/2015 7:00:00 PM	1321200.000	123.725	19.720	278.702
43235.246	48084.660	32697.570	1.022	14.839

12/16/2015 7:15:00 PM	1322100.000	123.701	19.721	278.649
43233.301	48081.789	32695.617	1.022	14.844
12/16/2015 7:30:00 PM	1323000.000	123.712	19.721	278.673
43226.930	48074.344	32690.555	1.022	14.836
12/16/2015 7:45:00 PM	1323900.000	123.660	19.720	278.555
43241.094	48090.984	32701.869	1.022	14.841
12/16/2015 8:00:00 PM	1324800.000	123.642	19.721	278.516
43230.230	48077.848	32692.939	1.022	14.840
12/16/2015 8:15:00 PM	1325700.000	123.625	19.721	278.477
43250.543	48100.691	32708.473	1.022	14.844
12/16/2015 8:30:00 PM	1326600.000	123.648	19.720	278.530
43235.758	48084.879	32697.719	1.022	14.849
12/16/2015 8:45:00 PM	1327500.000	123.642	19.721	278.515
43246.273	48095.773	32705.127	1.022	14.850
12/16/2015 9:00:00 PM	1328400.000	123.609	19.720	278.442
43249.121	48099.555	32707.699	1.022	14.847
12/16/2015 9:15:00 PM	1329300.000	123.605	19.720	278.433
43267.047	48119.766	32721.443	1.022	14.849
12/16/2015 9:30:00 PM	1330200.000	123.655	19.720	278.546
43250.469	48101.055	32708.717	1.022	14.848
12/16/2015 9:45:00 PM	1331100.000	123.634	19.721	278.499
43240.793	48089.320	32700.740	1.022	14.847
12/16/2015 10:00:00 PM	1332000.000	123.649	19.721	278.530
43236.309	48084.512	32697.471	1.022	14.852
12/16/2015 10:15:00 PM	1332900.000	123.698	19.720	278.642
43254.219	48105.762	32711.918	1.022	14.851
12/16/2015 10:30:00 PM	1333800.000	123.720	19.720	278.692
43234.656	48084.105	32697.193	1.022	14.850
12/16/2015 10:45:00 PM	1334700.000	123.758	19.718	278.777
43252.352	48105.207	32711.545	1.022	14.851
12/16/2015 11:00:00 PM	1335600.000	123.746	19.721	278.751
43246.414	48095.750	32705.113	1.022	14.855
12/16/2015 11:15:00 PM	1336500.000	123.781	19.721	278.830
43256.695	48107.363	32713.010	1.022	14.851
12/16/2015 11:30:00 PM	1337400.000	123.810	19.721	278.895
43210.922	48056.371	32678.334	1.022	14.851
12/16/2015 11:45:00 PM	1338300.000	123.854	19.720	278.994
43255.645	48107.348	32712.998	1.022	14.852

Report Date: 12/18/2015 1:47:00 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3M Pre Test_2015-12-17_10-47-51-974.wsl
Create Date: 12/17/2015 10:47:50 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-3M
Device Name:
Serial Number: 395601
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 4
Used Battery(%): 3

Log Configuration

Log Name: MPWSP MW-3M Pre Test
Created By: ECrowWillard
Computer Name: NOTEBOOK02
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 4/22/2015 12:51:17 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 4/22/2015 1:00:00 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: 148.509 (ft)
Head Pressure: 65.9279 (PSI)
Temperature: 17.0095 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

Log Notes:

Date and Time	Note
4/22/2015 12:51:28 PM	Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/24/2015 11:22:59 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/30/2015 1:55:48 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: GSSI
5/7/2015 12:20:39 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard Interval - Start Time: 4/30/2015 1:45:00 PM
5/14/2015 3:53:09 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: BDuarte
5/21/2015 11:27:03 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw
5/28/2015 9:13:43 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:15:00 PM
6/4/2015 12:09:13 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte
6/11/2015 11:41:20 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte Interval - Start Time: 6/4/2015 12:00:00 PM
6/17/2015 7:55:04 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/21/2015 11:15:00 AM
6/18/2015 8:39:57 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw
6/25/2015 8:42:16 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/11/2015 11:30:00 AM
7/2/2015 9:13:24 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: CShaw
7/9/2015 9:03:14 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
7/16/2015 8:54:19 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw
7/23/2015 4:32:26 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: KMakar
7/30/2015 10:17:23 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start Time: 7/9/2015 9:00:00 AM
8/6/2015 2:56:53 PM	Log Download - Used Battery: 9% Used Memory: 18% 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 1:29:59 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar Interval - Start Time: 7/23/2015 4:30:00 PM
8/20/2015 10:54:00 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/30/2015 10:15:00 AM
8/27/2015 10:53:00 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:50:00 AM
9/3/2015 9:33:56 AM	Log Download - Used Battery: 10% Used Memory: 23% 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 11:28:36 AM	Log Download - Used Battery: 11% Used Memory: 23% 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 10:50:47 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:50:00 AM
9/24/2015 9:20:50 AM	Log Download - Used Battery: 11% Used Memory: 25% 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 9:27:33 AM	Log Download - Used Battery: 11% Used Memory: 25% 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 2:12:35 PM	Log Download - Used Battery: 12% Used Memory: 26% 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 10:24:47 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:15:00 PM
10/15/2015 1:12:28 PM	Log Download - Used Battery: 12% Used Memory: 28% 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 11:13:41 AM Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:00:00 PM
 10/29/2015 3:27:16 PM Log Download - Used Battery: 13% Used Memory: 29% 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 2:26:18 PM Log Download - Used Battery: 14% Used Memory: 29% 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 9:57:45 AM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 9:45:00 PM
 11/19/2015 3:25:23 PM Log Download - Used Battery: 14% Used Memory: 31% 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 9:50:59 AM Log Download - Used Battery: 15% Used Memory: 32% 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 11:04:19 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:00:00 AM
 12/10/2015 9:16:19 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 9:15:00 AM
 12/17/2015 10:47:22 AM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM

Log Data:

Record Count: 1531

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	
Elapsed Time		SN#: 395601		SN#: 395601	
SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#:
395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#:
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	65.047	17.055	146.524	
35704.523	42092.051	27.177	28.623	28.008	
1.020					
12/10/2015 12:15:00 AM	735300.000	65.046	17.055	146.522	
35704.039	42091.645	27.176	28.622	28.008	
1.020					
12/10/2015 12:30:00 AM	736200.000	65.040	17.056	146.510	
35716.730	42105.781	27.187	28.632	27.998	
1.020					
12/10/2015 12:45:00 AM	737100.000	65.041	17.055	146.511	
35682.594	42066.293	27.158	28.605	28.025	
1.019					
12/10/2015 1:00:00 AM	738000.000	65.044	17.055	146.517	
35707.477	42095.207	27.179	28.625	28.005	
1.020					

12/10/2015 1:15:00 AM	738900.000	65.042	17.055	146.512
35699.852	42086.711	27.173	28.619	28.011
1.020				
12/10/2015 1:30:00 AM	739800.000	65.039	17.055	146.506
35705.414	42093.266	27.178	28.623	28.007
1.020				
12/10/2015 1:45:00 AM	740700.000	65.039	17.055	146.508
35698.195	42084.266	27.171	28.617	28.013
1.020				
12/10/2015 2:00:00 AM	741600.000	65.034	17.054	146.495
35706.063	42094.285	27.178	28.624	28.006
1.020				
12/10/2015 2:15:00 AM	742500.000	65.031	17.056	146.488
35692.496	42077.293	27.166	28.613	28.017
1.020				
12/10/2015 2:30:00 AM	743400.000	65.028	17.055	146.483
35738.797	42132.551	27.206	28.650	27.981
1.020				
12/10/2015 2:45:00 AM	744300.000	65.030	17.055	146.487
35705.004	42092.203	27.177	28.623	28.007
1.020				
12/10/2015 3:00:00 AM	745200.000	65.031	17.055	146.489
35714.348	42103.219	27.185	28.630	28.000
1.020				
12/10/2015 3:15:00 AM	746100.000	65.030	17.055	146.485
35717.848	42107.344	27.188	28.633	27.997
1.020				
12/10/2015 3:30:00 AM	747000.000	65.028	17.055	146.482
35741.371	42135.492	27.208	28.652	27.979
1.020				
12/10/2015 3:45:00 AM	747900.000	65.031	17.055	146.488
35705.023	42092.566	27.177	28.623	28.007
1.020				
12/10/2015 4:00:00 AM	748800.000	65.033	17.055	146.494
35704.074	42091.195	27.176	28.622	28.008
1.020				
12/10/2015 4:15:00 AM	749700.000	65.031	17.055	146.488
35721.336	42111.797	27.191	28.636	27.994
1.020				
12/10/2015 4:30:00 AM	750600.000	65.032	17.056	146.491
35714.887	42103.523	27.185	28.630	28.000
1.020				
12/10/2015 4:45:00 AM	751500.000	65.037	17.056	146.502
35706.598	42093.836	27.178	28.624	28.006
1.020				
12/10/2015 5:00:00 AM	752400.000	65.037	17.055	146.503
35714.855	42104.230	27.185	28.631	28.000
1.020				
12/10/2015 5:15:00 AM	753300.000	65.043	17.056	146.516
35733.184	42125.258	27.201	28.645	27.985
1.020				
12/10/2015 5:30:00 AM	754200.000	65.043	17.055	146.516
35728.746	42120.117	27.197	28.642	27.989
1.020				
12/10/2015 5:45:00 AM	755100.000	65.048	17.056	146.527

35719.816	42109.422	27.189	28.634	27.996
1.020				
12/10/2015 6:00:00 AM	756000.000	65.052	17.056	146.536
35716.941	42105.613	27.187	28.632	27.998
1.020				
12/10/2015 6:15:00 AM	756900.000	65.058	17.056	146.550
35696.172	42080.969	27.169	28.615	28.014
1.020				
12/10/2015 6:30:00 AM	757800.000	65.065	17.056	146.565
35706.445	42092.824	27.177	28.623	28.006
1.020				
12/10/2015 6:45:00 AM	758700.000	65.068	17.056	146.571
35724.820	42114.742	27.193	28.638	27.992
1.020				
12/10/2015 7:00:00 AM	759600.000	65.079	17.057	146.597
35744.602	42137.727	27.210	28.654	27.976
1.020				
12/10/2015 7:15:00 AM	760500.000	65.077	17.057	146.593
35711.328	42098.320	27.181	28.627	28.002
1.020				
12/10/2015 7:30:00 AM	761400.000	65.086	17.057	146.614
35710.410	42096.914	27.180	28.626	28.003
1.020				
12/10/2015 7:45:00 AM	762300.000	65.087	17.057	146.615
35722.719	42111.426	27.191	28.636	27.993
1.020				
12/10/2015 8:00:00 AM	763200.000	65.098	17.057	146.639
35718.242	42105.895	27.187	28.632	27.997
1.020				
12/10/2015 8:15:00 AM	764100.000	65.100	17.058	146.645
35726.996	42115.793	27.194	28.639	27.990
1.020				
12/10/2015 8:30:00 AM	765000.000	65.104	17.058	146.654
35736.242	42126.613	27.202	28.646	27.983
1.020				
12/10/2015 8:45:00 AM	765900.000	65.106	17.058	146.658
35730.023	42119.285	27.196	28.641	27.988
1.020				
12/10/2015 9:00:00 AM	766800.000	65.108	17.058	146.662
35736.441	42126.434	27.202	28.646	27.983
1.020				
12/10/2015 9:15:00 AM	767700.000	65.121	17.059	146.692
35751.984	42144.258	27.214	28.658	27.970
1.020				
12/10/2015 9:30:00 AM	768600.000	65.118	17.059	146.684
35739.871	42129.398	27.204	28.648	27.980
1.020				
12/10/2015 9:45:00 AM	769500.000	65.127	17.059	146.704
35756.430	42149.254	27.218	28.661	27.967
1.020				
12/10/2015 10:00:00 AM	770400.000	65.124	17.060	146.699
35778.852	42175.254	27.237	28.679	27.949
1.020				
12/10/2015 10:15:00 AM	771300.000	65.117	17.059	146.683
35751.152	42142.938	27.213	28.657	27.971

1.020					
12/10/2015 10:30:00 AM	772200.000	65.123	17.059	146.695	
35757.930	42151.094	27.219	28.663	27.966	
1.020					
12/10/2015 10:45:00 AM	773100.000	65.125	17.060	146.700	
35771.152	42166.012	27.230	28.673	27.955	
1.020					
12/10/2015 11:00:00 AM	774000.000	65.123	17.059	146.696	
35765.664	42159.969	27.226	28.669	27.960	
1.020					
12/10/2015 11:15:00 AM	774900.000	65.123	17.060	146.695	
35751.148	42142.352	27.213	28.657	27.971	
1.020					
12/10/2015 11:30:00 AM	775800.000	65.113	17.060	146.674	
35755.668	42147.762	27.217	28.660	27.968	
1.020					
12/10/2015 11:45:00 AM	776700.000	65.115	17.060	146.679	
35770.234	42165.027	27.229	28.672	27.956	
1.020					
12/10/2015 12:00:00 PM	777600.000	65.111	17.060	146.669	
35784.191	42181.477	27.241	28.683	27.945	
1.020					
12/10/2015 12:15:00 PM	778500.000	65.102	17.060	146.649	
35784.715	42181.676	27.241	28.684	27.945	
1.020					
12/10/2015 12:30:00 PM	779400.000	65.096	17.060	146.636	
35768.008	42161.895	27.227	28.670	27.958	
1.020					
12/10/2015 12:45:00 PM	780300.000	65.092	17.059	146.626	
35744.914	42135.426	27.208	28.652	27.976	
1.020					
12/10/2015 1:00:00 PM	781200.000	65.086	17.060	146.613	
35766.125	42160.008	27.226	28.669	27.959	
1.020					
12/10/2015 1:15:00 PM	782100.000	65.083	17.059	146.605	
35770.402	42165.469	27.230	28.673	27.956	
1.020					
12/10/2015 1:30:00 PM	783000.000	65.078	17.059	146.595	
35747.414	42138.531	27.210	28.654	27.974	
1.020					
12/10/2015 1:45:00 PM	783900.000	65.066	17.059	146.567	
35742.805	42133.098	27.206	28.651	27.978	
1.020					
12/10/2015 2:00:00 PM	784800.000	65.062	17.059	146.559	
35765.590	42160.219	27.226	28.669	27.960	
1.020					
12/10/2015 2:15:00 PM	785700.000	65.056	17.058	146.545	
35752.609	42145.406	27.215	28.659	27.970	
1.020					
12/10/2015 2:30:00 PM	786600.000	65.050	17.059	146.532	
35741.980	42132.633	27.206	28.650	27.978	
1.020					
12/10/2015 2:45:00 PM	787500.000	65.046	17.059	146.522	
35735.723	42125.336	27.201	28.645	27.983	
1.020					

12/10/2015 3:00:00 PM 35776.949 1.020	788400.000 42174.262	65.037 27.236	17.058 28.678	146.503 27.951
12/10/2015 3:15:00 PM 35758.516 1.020	789300.000 42151.879	65.035 27.220	17.059 28.663	146.497 27.965
12/10/2015 3:30:00 PM 35747.012 1.020	790200.000 42138.563	65.028 27.210	17.059 28.654	146.483 27.974
12/10/2015 3:45:00 PM 35734.754 1.020	791100.000 42124.859	65.023 27.200	17.058 28.645	146.471 27.984
12/10/2015 4:00:00 PM 35757.371 1.020	792000.000 42151.773	65.022 27.220	17.058 28.663	146.469 27.966
12/10/2015 4:15:00 PM 35757.203 1.020	792900.000 42151.242	65.021 27.219	17.058 28.663	146.466 27.966
12/10/2015 4:30:00 PM 35755.785 1.020	793800.000 42149.652	65.014 27.218	17.058 28.662	146.450 27.968
12/10/2015 4:45:00 PM 35736.332 1.020	794700.000 42126.887	65.008 27.202	17.058 28.646	146.437 27.983
12/10/2015 5:00:00 PM 35737.484 1.020	795600.000 42128.246	65.010 27.203	17.058 28.647	146.441 27.982
12/10/2015 5:15:00 PM 35748.098 1.020	796500.000 42141.176	65.007 27.212	17.057 28.656	146.435 27.974
12/10/2015 5:30:00 PM 35766.430 1.020	797400.000 42163.043	65.006 27.228	17.057 28.671	146.433 27.959
12/10/2015 5:45:00 PM 35759.906 1.020	798300.000 42154.930	65.006 27.222	17.057 28.665	146.433 27.964
12/10/2015 6:00:00 PM 35733.340 1.020	799200.000 42123.691	65.006 27.200	17.057 28.644	146.432 27.985
12/10/2015 6:15:00 PM 35752.965 1.020	800100.000 42147.246	65.013 27.216	17.057 28.660	146.447 27.970
12/10/2015 6:30:00 PM 35742.027 1.020	801000.000 42134.352	65.009 27.207	17.057 28.651	146.440 27.978
12/10/2015 6:45:00 PM 35733.043 1.020	801900.000 42123.684	65.009 27.200	17.057 28.644	146.440 27.985
12/10/2015 7:00:00 PM 35744.949 1.020	802800.000 42137.797	65.007 27.210	17.057 28.654	146.434 27.976
12/10/2015 7:15:00 PM 35743.355 1.020	803700.000 42135.664	65.015 27.208	17.057 28.652	146.452 27.977
12/10/2015 7:30:00 PM	804600.000	65.019	17.057	146.461

35735.594	42127.023	27.202	28.646	27.983
1.020				
12/10/2015 7:45:00 PM	805500.000	65.026	17.057	146.478
35740.320	42132.430	27.206	28.650	27.980
1.020				
12/10/2015 8:00:00 PM	806400.000	65.012	17.057	146.446
35736.848	42127.750	27.202	28.647	27.982
1.020				
12/10/2015 8:15:00 PM	807300.000	65.030	17.057	146.485
35734.535	42125.520	27.201	28.645	27.984
1.020				
12/10/2015 8:30:00 PM	808200.000	65.031	17.057	146.489
35741.922	42134.316	27.207	28.651	27.978
1.020				
12/10/2015 8:45:00 PM	809100.000	65.040	17.057	146.510
35730.867	42121.355	27.198	28.643	27.987
1.020				
12/10/2015 9:00:00 PM	810000.000	65.047	17.057	146.524
35721.793	42110.422	27.190	28.635	27.994
1.020				
12/10/2015 9:15:00 PM	810900.000	65.049	17.057	146.528
35727.609	42117.609	27.195	28.640	27.990
1.020				
12/10/2015 9:30:00 PM	811800.000	65.063	17.057	146.561
35755.324	42150.281	27.219	28.662	27.968
1.020				
12/10/2015 9:45:00 PM	812700.000	65.056	17.057	146.546
35728.137	42117.813	27.195	28.640	27.989
1.020				
12/10/2015 10:00:00 PM	813600.000	65.063	17.057	146.562
35759.383	42154.898	27.222	28.665	27.965
1.020				
12/10/2015 10:15:00 PM	814500.000	65.075	17.057	146.587
35740.727	42132.820	27.206	28.650	27.979
1.020				
12/10/2015 10:30:00 PM	815400.000	65.077	17.058	146.593
35758.152	42152.609	27.220	28.664	27.966
1.020				
12/10/2015 10:45:00 PM	816300.000	65.107	17.058	146.660
35729.852	42118.500	27.196	28.641	27.988
1.020				
12/10/2015 11:00:00 PM	817200.000	65.084	17.058	146.608
35731.105	42120.559	27.197	28.642	27.987
1.020				
12/10/2015 11:15:00 PM	818100.000	65.095	17.059	146.632
35774.754	42171.102	27.234	28.676	27.953
1.020				
12/10/2015 11:30:00 PM	819000.000	65.099	17.059	146.641
35762.074	42155.980	27.223	28.666	27.963
1.020				
12/10/2015 11:45:00 PM	819900.000	65.103	17.060	146.650
35737.637	42126.426	27.202	28.646	27.982
1.020				
12/11/2015 12:00:00 AM	820800.000	65.103	17.060	146.650
35768.641	42163.219	27.228	28.671	27.957

1.020				
12/11/2015 12:15:00 AM	821700.000	65.092	17.060	146.627
35757.098	42148.949	27.218	28.661	27.966
1.020				
12/11/2015 12:30:00 AM	822600.000	65.107	17.061	146.660
35806.332	42206.570	27.259	28.700	27.928
1.020				
12/11/2015 12:45:00 AM	823500.000	65.105	17.061	146.656
35783.859	42180.246	27.240	28.683	27.946
1.020				
12/11/2015 1:00:00 AM	824400.000	65.110	17.061	146.666
35790.590	42187.602	27.245	28.688	27.940
1.020				
12/11/2015 1:15:00 AM	825300.000	65.107	17.062	146.661
35803.512	42202.160	27.256	28.697	27.930
1.020				
12/11/2015 1:30:00 AM	826200.000	65.110	17.061	146.666
35789.246	42185.676	27.244	28.686	27.941
1.020				
12/11/2015 1:45:00 AM	827100.000	65.111	17.062	146.669
35792.875	42189.453	27.247	28.689	27.939
1.020				
12/11/2015 2:00:00 AM	828000.000	65.112	17.062	146.671
35804.891	42203.449	27.257	28.698	27.929
1.020				
12/11/2015 2:15:00 AM	828900.000	65.109	17.062	146.664
35808.590	42207.563	27.260	28.701	27.926
1.020				
12/11/2015 2:30:00 AM	829800.000	65.109	17.062	146.664
35795.117	42191.684	27.248	28.690	27.937
1.020				
12/11/2015 2:45:00 AM	830700.000	65.118	17.063	146.685
35809.957	42208.840	27.261	28.702	27.925
1.020				
12/11/2015 3:00:00 AM	831600.000	65.107	17.064	146.661
35810.621	42208.949	27.261	28.702	27.925
1.020				
12/11/2015 3:15:00 AM	832500.000	65.112	17.063	146.672
35818.609	42218.445	27.268	28.709	27.918
1.020				
12/11/2015 3:30:00 AM	833400.000	65.110	17.063	146.666
35798.863	42195.512	27.251	28.693	27.934
1.020				
12/11/2015 3:45:00 AM	834300.000	65.121	17.064	146.691
35833.539	42235.715	27.280	28.720	27.907
1.020				
12/11/2015 4:00:00 AM	835200.000	65.129	17.064	146.710
35840.977	42244.148	27.286	28.726	27.901
1.020				
12/11/2015 4:15:00 AM	836100.000	65.127	17.065	146.704
35819.563	42218.320	27.268	28.708	27.918
1.020				
12/11/2015 4:30:00 AM	837000.000	65.119	17.064	146.688
35840.438	42243.344	27.286	28.725	27.901
1.020				

12/11/2015 4:45:00 AM 35821.723 1.020	837900.000 42221.191	65.123 27.270	17.064 28.710	146.695 27.916
12/11/2015 5:00:00 AM 35813.023 1.020	838800.000 42210.703	65.126 27.262	17.065 28.703	146.703 27.923
12/11/2015 5:15:00 AM 35832.816 1.020	839700.000 42233.449	65.140 27.279	17.065 28.719	146.734 27.907
12/11/2015 5:30:00 AM 35828.387 1.020	840600.000 42227.969	65.149 27.275	17.066 28.715	146.755 27.911
12/11/2015 5:45:00 AM 35837.309 1.020	841500.000 42238.395	65.148 27.282	17.066 28.722	146.752 27.904
12/11/2015 6:00:00 AM 35848.039 1.020	842400.000 42250.719	65.143 27.291	17.066 28.730	146.742 27.896
12/11/2015 6:15:00 AM 35855.109 1.020	843300.000 42258.879	65.158 27.297	17.066 28.736	146.775 27.890
12/11/2015 6:30:00 AM 35846.980 1.020	844200.000 42248.547	65.165 27.289	17.067 28.729	146.790 27.896
12/11/2015 6:45:00 AM 35856.926 1.020	845100.000 42259.941	65.159 27.298	17.067 28.737	146.778 27.889
12/11/2015 7:00:00 AM 35865.656 1.020	846000.000 42269.391	65.175 27.304	17.068 28.743	146.812 27.882
12/11/2015 7:15:00 AM 35840.211 1.020	846900.000 42239.480	65.176 27.283	17.068 28.723	146.815 27.902
12/11/2015 7:30:00 AM 35860.090 1.020	847800.000 42262.910	65.182 27.300	17.068 28.739	146.829 27.886
12/11/2015 7:45:00 AM 35840.832 1.020	848700.000 42238.957	65.191 27.283	17.069 28.722	146.849 27.901
12/11/2015 8:00:00 AM 35867.281 1.020	849600.000 42269.961	65.196 27.305	17.070 28.744	146.861 27.881
12/11/2015 8:15:00 AM 35915.684 1.020	850500.000 42327.094	65.193 27.346	17.069 28.782	146.855 27.843
12/11/2015 8:30:00 AM 35894.094 1.020	851400.000 42300.566	65.209 27.327	17.071 28.764	146.891 27.860
12/11/2015 8:45:00 AM 35903.035 1.020	852300.000 42311.016	65.207 27.334	17.071 28.771	146.884 27.853
12/11/2015 9:00:00 AM 35897.188 1.020	853200.000 42303.957	65.224 27.329	17.071 28.767	146.924 27.857
12/11/2015 9:15:00 AM	854100.000	65.225	17.072	146.925

35924.629	42335.707	27.352	28.788	27.836
1.020				
12/11/2015 9:30:00 AM	855000.000	65.244	17.072	146.969
35909.953	42317.910	27.339	28.776	27.847
1.020				
12/11/2015 9:45:00 AM	855900.000	65.229	17.073	146.934
35890.195	42294.117	27.322	28.760	27.863
1.020				
12/11/2015 10:00:00 AM	856800.000	65.240	17.073	146.959
35934.031	42345.363	27.359	28.795	27.829
1.020				
12/11/2015 10:15:00 AM	857700.000	65.233	17.073	146.943
35914.324	42322.141	27.342	28.779	27.844
1.020				
12/11/2015 10:30:00 AM	858600.000	65.235	17.073	146.949
35914.180	42321.633	27.342	28.779	27.844
1.020				
12/11/2015 10:45:00 AM	859500.000	65.259	17.074	147.003
35928.559	42338.410	27.354	28.790	27.833
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12/11/2015 11:00:00 AM	860400.000	65.245	17.074	146.971
35929.445	42339.289	27.355	28.791	27.832
1.020				
12/11/2015 11:15:00 AM	861300.000	65.240	17.074	146.959
35926.285	42335.566	27.352	28.788	27.835
1.020				
12/11/2015 11:30:00 AM	862200.000	65.249	17.074	146.979
35933.273	42343.133	27.358	28.793	27.829
1.020				
12/11/2015 11:45:00 AM	863100.000	65.233	17.074	146.943
35930.848	42340.691	27.356	28.792	27.831
1.020				
12/11/2015 12:00:00 PM	864000.000	65.240	17.074	146.960
35936.840	42347.754	27.361	28.796	27.827
1.020				
12/11/2015 12:15:00 PM	864900.000	65.231	17.074	146.939
35919.488	42327.477	27.346	28.783	27.840
1.020				
12/11/2015 12:30:00 PM	865800.000	65.228	17.074	146.933
35929.723	42339.617	27.355	28.791	27.832
1.020				
12/11/2015 12:45:00 PM	866700.000	65.230	17.074	146.938
35933.418	42344.137	27.358	28.794	27.829
1.020				
12/11/2015 1:00:00 PM	867600.000	65.224	17.073	146.924
35926.289	42336.324	27.353	28.789	27.835
1.020				
12/11/2015 1:15:00 PM	868500.000	65.213	17.073	146.898
35916.410	42325.012	27.344	28.781	27.842
1.020				
12/11/2015 1:30:00 PM	869400.000	65.208	17.073	146.888
35915.266	42323.664	27.344	28.780	27.843
1.020				
12/11/2015 1:45:00 PM	870300.000	65.205	17.072	146.880
35914.934	42323.691	27.344	28.780	27.844

1.020				
12/11/2015 2:00:00 PM	871200.000	65.198	17.072	146.866
35915.469	42324.324	27.344	28.781	27.843
1.020				
12/11/2015 2:15:00 PM	872100.000	65.192	17.071	146.851
35920.516	42331.121	27.349	28.785	27.839
1.020				
12/11/2015 2:30:00 PM	873000.000	65.188	17.071	146.842
35919.445	42330.020	27.348	28.784	27.840
1.020				
12/11/2015 2:45:00 PM	873900.000	65.175	17.071	146.814
35917.906	42328.461	27.347	28.783	27.841
1.020				
12/11/2015 3:00:00 PM	874800.000	65.178	17.070	146.821
35871.125	42273.734	27.308	28.746	27.878
1.020				
12/11/2015 3:15:00 PM	875700.000	65.171	17.069	146.804
35886.703	42293.016	27.321	28.759	27.865
1.020				
12/11/2015 3:30:00 PM	876600.000	65.159	17.070	146.776
35904.922	42313.742	27.336	28.773	27.851
1.020				
12/11/2015 3:45:00 PM	877500.000	65.169	17.070	146.800
35899.141	42307.176	27.332	28.769	27.856
1.020				
12/11/2015 4:00:00 PM	878400.000	65.151	17.069	146.759
35894.832	42302.844	27.328	28.766	27.859
1.020				
12/11/2015 4:15:00 PM	879300.000	65.139	17.069	146.732
35870.578	42274.262	27.308	28.747	27.878
1.020				
12/11/2015 4:30:00 PM	880200.000	65.135	17.069	146.722
35889.797	42297.258	27.324	28.762	27.863
1.020				
12/11/2015 4:45:00 PM	881100.000	65.140	17.068	146.734
35877.363	42282.934	27.314	28.752	27.873
1.020				
12/11/2015 5:00:00 PM	882000.000	65.137	17.068	146.727
35857.148	42259.531	27.297	28.736	27.888
1.020				
12/11/2015 5:15:00 PM	882900.000	65.131	17.068	146.714
35876.086	42281.848	27.313	28.752	27.874
1.020				
12/11/2015 5:30:00 PM	883800.000	65.134	17.068	146.721
35869.906	42274.480	27.308	28.747	27.879
1.020				
12/11/2015 5:45:00 PM	884700.000	65.131	17.068	146.714
35898.871	42308.789	27.333	28.770	27.856
1.020				
12/11/2015 6:00:00 PM	885600.000	65.129	17.067	146.709
35890.262	42299.133	27.326	28.763	27.863
1.020				
12/11/2015 6:15:00 PM	886500.000	65.123	17.068	146.696
35854.113	42256.039	27.295	28.734	27.891
1.020				

12/11/2015 6:30:00 PM	887400.000	65.127	17.067	146.704
35866.348	42270.949	27.305	28.744	27.881
1.020				
12/11/2015 6:45:00 PM	888300.000	65.132	17.067	146.715
35882.938	42290.672	27.320	28.758	27.868
1.020				
12/11/2015 7:00:00 PM	889200.000	65.134	17.067	146.720
35881.250	42288.441	27.318	28.756	27.870
1.020				
12/11/2015 7:15:00 PM	890100.000	65.127	17.067	146.706
35867.281	42272.051	27.306	28.745	27.881
1.020				
12/11/2015 7:30:00 PM	891000.000	65.131	17.067	146.715
35874.938	42281.004	27.313	28.751	27.875
1.020				
12/11/2015 7:45:00 PM	891900.000	65.138	17.067	146.730
35877.090	42283.609	27.315	28.753	27.873
1.020				
12/11/2015 8:00:00 PM	892800.000	65.142	17.067	146.738
35871.250	42276.898	27.310	28.748	27.877
1.020				
12/11/2015 8:15:00 PM	893700.000	65.143	17.067	146.741
35887.168	42295.488	27.323	28.761	27.865
1.020				
12/11/2015 8:30:00 PM	894600.000	65.153	17.068	146.764
35879.645	42285.957	27.316	28.754	27.871
1.020				
12/11/2015 8:45:00 PM	895500.000	65.153	17.067	146.764
35864.063	42268.258	27.304	28.742	27.883
1.020				
12/11/2015 9:00:00 PM	896400.000	65.162	17.068	146.784
35853.176	42255.262	27.294	28.734	27.892
1.020				
12/11/2015 9:15:00 PM	897300.000	65.163	17.068	146.787
35875.742	42281.695	27.313	28.752	27.874
1.020				
12/11/2015 9:30:00 PM	898200.000	65.174	17.067	146.810
35880.445	42287.660	27.317	28.756	27.870
1.020				
12/11/2015 9:45:00 PM	899100.000	65.185	17.068	146.835
35855.867	42257.934	27.296	28.735	27.889
1.020				
12/11/2015 10:00:00 PM	900000.000	65.179	17.068	146.822
35889.797	42298.176	27.325	28.763	27.863
1.020				
12/11/2015 10:15:00 PM	900900.000	65.190	17.068	146.847
35874.871	42280.250	27.312	28.751	27.875
1.020				
12/11/2015 10:30:00 PM	901800.000	65.192	17.068	146.851
35853.719	42255.488	27.294	28.734	27.891
1.020				
12/11/2015 10:45:00 PM	902700.000	65.201	17.068	146.871
35854.859	42256.996	27.296	28.735	27.890
1.020				
12/11/2015 11:00:00 PM	903600.000	65.207	17.068	146.884

35873.934	42278.977	27.311	28.750	27.875
1.020				
12/11/2015 11:15:00 PM	904500.000	65.211	17.069	146.894
35903.379	42312.918	27.336	28.773	27.853
1.020				
12/11/2015 11:30:00 PM	905400.000	65.215	17.069	146.903
35877.832	42282.809	27.314	28.752	27.872
1.020				
12/11/2015 11:45:00 PM	906300.000	65.223	17.069	146.920
35888.180	42294.844	27.323	28.760	27.864
1.020				
12/12/2015 12:00:00 AM	907200.000	65.217	17.069	146.907
35846.680	42245.938	27.288	28.727	27.897
1.020				
12/12/2015 12:15:00 AM	908100.000	65.233	17.070	146.943
35880.121	42285.094	27.316	28.754	27.871
1.020				
12/12/2015 12:30:00 AM	909000.000	65.233	17.070	146.943
35886.773	42292.684	27.321	28.759	27.865
1.020				
12/12/2015 12:45:00 AM	909900.000	65.230	17.070	146.938
35885.762	42291.578	27.320	28.758	27.866
1.020				
12/12/2015 1:00:00 AM	910800.000	65.231	17.070	146.939
35890.734	42296.941	27.324	28.762	27.862
1.020				
12/12/2015 1:15:00 AM	911700.000	65.238	17.070	146.954
35879.313	42283.383	27.315	28.753	27.871
1.020				
12/12/2015 1:30:00 AM	912600.000	65.237	17.070	146.953
35866.012	42267.637	27.303	28.742	27.882
1.020				
12/12/2015 1:45:00 AM	913500.000	65.231	17.070	146.939
35873.402	42276.516	27.310	28.748	27.876
1.020				
12/12/2015 2:00:00 AM	914400.000	65.232	17.070	146.941
35888.852	42294.625	27.323	28.760	27.864
1.020				
12/12/2015 2:15:00 AM	915300.000	65.232	17.070	146.941
35886.906	42292.930	27.321	28.759	27.865
1.020				
12/12/2015 2:30:00 AM	916200.000	65.233	17.070	146.943
35884.289	42289.504	27.319	28.757	27.867
1.020				
12/12/2015 2:45:00 AM	917100.000	65.231	17.070	146.939
35888.047	42294.188	27.322	28.760	27.864
1.020				
12/12/2015 3:00:00 AM	918000.000	65.243	17.070	146.967
35877.566	42281.750	27.313	28.752	27.873
1.020				
12/12/2015 3:15:00 AM	918900.000	65.233	17.069	146.943
35895.508	42303.480	27.329	28.766	27.859
1.020				
12/12/2015 3:30:00 AM	919800.000	65.235	17.070	146.949
35896.852	42304.809	27.330	28.767	27.858

1.020				
12/12/2015 3:45:00 AM	920700.000	65.247	17.069	146.976
35881.797	42287.234	27.317	28.755	27.869
1.020				
12/12/2015 4:00:00 AM	921600.000	65.234	17.069	146.946
35888.449	42294.996	27.323	28.761	27.864
1.020				
12/12/2015 4:15:00 AM	922500.000	65.233	17.069	146.943
35893.895	42301.660	27.328	28.765	27.860
1.020				
12/12/2015 4:30:00 AM	923400.000	65.231	17.069	146.939
35858.020	42259.211	27.297	28.736	27.888
1.020				
12/12/2015 4:45:00 AM	924300.000	65.241	17.070	146.962
35911.910	42322.223	27.342	28.779	27.846
1.020				
12/12/2015 5:00:00 AM	925200.000	65.237	17.069	146.953
35885.898	42291.988	27.321	28.759	27.866
1.020				
12/12/2015 5:15:00 AM	926100.000	65.253	17.070	146.990
35873.602	42277.332	27.310	28.749	27.876
1.020				
12/12/2015 5:30:00 AM	927000.000	65.249	17.070	146.979
35882.805	42287.844	27.318	28.756	27.869
1.020				
12/12/2015 5:45:00 AM	927900.000	65.246	17.069	146.973
35882.941	42288.750	27.318	28.756	27.868
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35902.906	42311.945	27.335	28.772	27.853
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35889.055	42295.543	27.323	28.761	27.864
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12/12/2015 6:30:00 AM	930600.000	65.251	17.070	146.984
35885.559	42291.086	27.320	28.758	27.866
1.020				
12/12/2015 6:45:00 AM	931500.000	65.261	17.070	147.007
35885.559	42291.168	27.320	28.758	27.866
1.020				
12/12/2015 7:00:00 AM	932400.000	65.261	17.071	147.007
35887.980	42293.434	27.322	28.760	27.864
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12/12/2015 7:15:00 AM	933300.000	65.266	17.071	147.018
35901.086	42308.879	27.333	28.770	27.854
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12/12/2015 7:30:00 AM	934200.000	65.274	17.070	147.036
35907.000	42315.941	27.338	28.775	27.850
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12/12/2015 7:45:00 AM	935100.000	65.276	17.071	147.041
35903.305	42311.086	27.334	28.772	27.853
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12/12/2015 8:00:00 AM	936000.000	65.285	17.071	147.061
35897.254	42304.363	27.330	28.767	27.857
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35913.449	42322.117	27.342	28.779	27.845
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12/12/2015 8:30:00 AM	937800.000	65.297	17.072	147.088
35913.852	42322.762	27.343	28.779	27.844
1.020				
12/12/2015 8:45:00 AM	938700.000	65.308	17.072	147.112
35938.355	42351.637	27.364	28.799	27.825
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12/12/2015 9:00:00 AM	939600.000	65.303	17.072	147.101
35925.430	42336.148	27.352	28.789	27.835
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12/12/2015 9:15:00 AM	940500.000	65.311	17.073	147.119
35924.406	42334.188	27.351	28.787	27.836
1.020				
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35920.375	42329.777	27.348	28.784	27.839
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12/12/2015 9:45:00 AM	942300.000	65.316	17.073	147.130
35918.082	42326.652	27.346	28.782	27.841
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35926.895	42337.121	27.353	28.789	27.834
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12/12/2015 10:15:00 AM	944100.000	65.343	17.074	147.191
35917.273	42325.031	27.345	28.781	27.842
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35940.473	42352.711	27.364	28.800	27.824
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35935.227	42346.434	27.360	28.796	27.828
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12/12/2015 11:00:00 AM	946800.000	65.326	17.074	147.153
35929.117	42338.742	27.354	28.790	27.833
1.020				
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35927.887	42337.203	27.353	28.789	27.834
1.020				
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35940.609	42352.195	27.364	28.799	27.824
1.020				
12/12/2015 11:45:00 AM	949500.000	65.337	17.073	147.177
35922.125	42330.926	27.349	28.785	27.838
1.020				
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35932.059	42342.629	27.357	28.793	27.830
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35936.566	42347.941	27.361	28.797	27.827
1.020				
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35918.219	42326.227	27.345	28.782	27.841
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12/12/2015 12:45:00 PM	953100.000	65.326	17.073	147.154

35941.695	42354.395	27.366	28.801	27.823
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35935.453	42347.875	27.361	28.797	27.828
1.020				
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35910.223	42317.887	27.339	28.776	27.847
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35928.113	42339.313	27.355	28.791	27.833
1.020				
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35913.188	42322.559	27.343	28.779	27.845
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35878.445	42281.281	27.313	28.751	27.872
1.020				
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35877.770	42281.160	27.313	28.751	27.872
1.020				
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35907.547	42316.422	27.338	28.775	27.849
1.020				
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35864.473	42266.238	27.302	28.741	27.883
1.020				
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35878.570	42284.188	27.315	28.753	27.872
1.020				
12/12/2015 3:15:00 PM	962100.000	65.267	17.069	147.020
35905.125	42314.895	27.337	28.774	27.851
1.020				
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35866.547	42269.934	27.305	28.744	27.881
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35887.844	42295.203	27.323	28.761	27.865
1.020				
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35854.922	42257.316	27.296	28.735	27.890
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35868.961	42273.785	27.308	28.746	27.879
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35877.355	42284.020	27.315	28.753	27.873
1.020				
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35856.121	42259.398	27.297	28.736	27.889
1.020				
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35836.277	42236.426	27.281	28.721	27.905
1.020				
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35858.680	42262.996	27.300	28.739	27.887

1.020				
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35865.863	42271.637	27.306	28.745	27.882
1.020				
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35850.207	42254.016	27.293	28.733	27.894
1.020				
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35846.504	42249.488	27.290	28.730	27.897
1.020				
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35830.602	42231.086	27.277	28.717	27.909
1.020				
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35847.125	42250.965	27.291	28.731	27.896
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35829.527	42230.227	27.276	28.717	27.910
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35836.094	42237.895	27.282	28.722	27.905
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35832.945	42233.766	27.279	28.719	27.907
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35852.281	42257.551	27.296	28.735	27.892
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35809.727	42207.395	27.260	28.701	27.925
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35839.848	42242.648	27.285	28.725	27.902
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35825.883	42226.355	27.273	28.714	27.913
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35815.809	42214.645	27.265	28.706	27.921
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35835.012	42237.453	27.281	28.721	27.906
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35821.234	42221.215	27.270	28.710	27.916
1.020				
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35827.168	42228.285	27.275	28.715	27.912
1.020				
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35833.070	42235.488	27.280	28.720	27.907
1.020				
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35819.898	42220.129	27.269	28.710	27.917
1.020				

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35813.195	42212.230	27.263	28.704	27.923
1.020				
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35820.832	42221.492	27.270	28.711	27.917
1.020				
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35813.309	42211.871	27.263	28.704	27.923
1.020				
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35828.352	42230.430	27.276	28.717	27.911
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35832.184	42234.785	27.279	28.720	27.908
1.020				
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35819.160	42219.434	27.268	28.709	27.918
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12/12/2015 11:30:00 PM	991800.000	65.266	17.062	147.018
35803.738	42201.844	27.256	28.697	27.930
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35777.121	42169.969	27.233	28.676	27.951
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35817.535	42217.605	27.267	28.708	27.919
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35805.184	42203.121	27.257	28.698	27.929
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35795.941	42192.152	27.249	28.691	27.936
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35805.949	42204.363	27.258	28.699	27.928
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35784.996	42179.586	27.240	28.682	27.945
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12/13/2015 1:15:00 AM	998100.000	65.273	17.062	147.034
35798.355	42195.500	27.251	28.693	27.934
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35814.840	42214.668	27.265	28.706	27.921
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35811.215	42210.398	27.262	28.703	27.924
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35782.215	42176.387	27.238	28.680	27.947
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35816.191	42216.023	27.266	28.707	27.920
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35808.273	42206.855	27.259	28.701	27.927
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35782.883	42177.602	27.238	28.681	27.946
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35806.801	42205.535	27.258	28.700	27.928
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35799.918	42197.754	27.253	28.694	27.933
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35788.617	42185.016	27.244	28.686	27.942
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35775.703	42168.965	27.232	28.675	27.952
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35792.965	42189.645	27.247	28.689	27.938
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35786.930	42182.945	27.242	28.684	27.943
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35789.520	42186.246	27.245	28.687	27.941
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35787.555	42183.352	27.242	28.685	27.943
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35791.797	42189.094	27.247	28.689	27.939
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35790.523	42187.426	27.245	28.687	27.940
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12/13/2015 5:30:00 AM	1013400.000	65.265	17.061	147.016
35803.887	42203.012	27.257	28.698	27.930
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35795.969	42193.602	27.250	28.692	27.936
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12/13/2015 6:00:00 AM	1015200.000	65.271	17.061	147.029
35776.066	42170.387	27.233	28.676	27.952
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35765.109	42157.566	27.224	28.667	27.960
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12/13/2015 6:30:00 AM	1017000.000	65.275	17.061	147.039
35780.504	42175.617	27.237	28.679	27.948
1.020				
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35792.730	42190.027	27.247	28.689	27.939
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35772.500	42166.016	27.230	28.673	27.954

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35771.855	42165.758	27.230	28.673	27.955
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35762.246	42154.098	27.222	28.665	27.962
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35783.621	42179.457	27.240	28.682	27.946
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35782.258	42177.684	27.238	28.681	27.947
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12/13/2015 8:15:00 AM	1023300.000	65.299	17.061	147.093
35801.859	42200.957	27.255	28.697	27.932
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35775.348	42169.875	27.233	28.676	27.952
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12/13/2015 8:45:00 AM	1025100.000	65.313	17.061	147.123
35785.469	42181.395	27.241	28.683	27.944
1.020				
12/13/2015 9:00:00 AM	1026000.000	65.313	17.061	147.123
35785.617	42181.570	27.241	28.683	27.944
1.020				
12/13/2015 9:15:00 AM	1026900.000	65.323	17.062	147.145
35803.930	42202.316	27.256	28.698	27.930
1.020				
12/13/2015 9:30:00 AM	1027800.000	65.324	17.062	147.148
35771.266	42163.816	27.229	28.671	27.955
1.020				
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35782.371	42176.824	27.238	28.680	27.947
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12/13/2015 10:00:00 AM	1029600.000	65.336	17.062	147.175
35801.367	42199.051	27.254	28.695	27.932
1.020				
12/13/2015 10:15:00 AM	1030500.000	65.334	17.062	147.170
35794.746	42191.324	27.248	28.690	27.937
1.020				
12/13/2015 10:30:00 AM	1031400.000	65.341	17.063	147.187
35818.555	42219.145	27.268	28.709	27.918
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12/13/2015 10:45:00 AM	1032300.000	65.348	17.063	147.203
35815.191	42214.504	27.265	28.706	27.921
1.020				
12/13/2015 11:00:00 AM	1033200.000	65.349	17.064	147.205
35808.426	42206.195	27.259	28.700	27.926
1.020				
12/13/2015 11:15:00 AM	1034100.000	65.355	17.063	147.218
35790.359	42185.488	27.244	28.686	27.940
1.020				
12/13/2015 11:30:00 AM	1035000.000	65.349	17.063	147.204
35834.457	42237.551	27.281	28.722	27.906
1.020				

12/13/2015 11:45:00 AM	1035900.000	65.354	17.064	147.215
35814.332	42213.238	27.264	28.705	27.922
1.020				
12/13/2015 12:00:00 PM	1036800.000	65.352	17.063	147.211
35792.996	42188.340	27.246	28.688	27.938
1.020				
12/13/2015 12:15:00 PM	1037700.000	65.350	17.064	147.208
35782.875	42175.746	27.237	28.680	27.946
1.020				
12/13/2015 12:30:00 PM	1038600.000	65.357	17.063	147.222
35830.434	42232.645	27.278	28.718	27.909
1.020				
12/13/2015 12:45:00 PM	1039500.000	65.349	17.064	147.205
35830.512	42231.813	27.277	28.718	27.909
1.020				
12/13/2015 1:00:00 PM	1040400.000	65.350	17.064	147.207
35807.969	42205.738	27.259	28.700	27.927
1.020				
12/13/2015 1:15:00 PM	1041300.000	65.345	17.063	147.196
35814.516	42213.785	27.264	28.705	27.922
1.020				
12/13/2015 1:30:00 PM	1042200.000	65.338	17.063	147.181
35819.180	42219.379	27.268	28.709	27.918
1.020				
12/13/2015 1:45:00 PM	1043100.000	65.334	17.063	147.172
35810.758	42209.355	27.261	28.702	27.925
1.020				
12/13/2015 2:00:00 PM	1044000.000	65.345	17.063	147.195
35778.902	42171.730	27.234	28.677	27.949
1.020				
12/13/2015 2:15:00 PM	1044900.000	65.326	17.063	147.152
35804.898	42202.879	27.257	28.698	27.929
1.020				
12/13/2015 2:30:00 PM	1045800.000	65.315	17.063	147.129
35818.445	42218.918	27.268	28.709	27.919
1.020				
12/13/2015 2:45:00 PM	1046700.000	65.310	17.062	147.117
35814.914	42215.266	27.265	28.706	27.921
1.020				
12/13/2015 3:00:00 PM	1047600.000	65.309	17.062	147.115
35786.926	42182.441	27.242	28.684	27.943
1.020				
12/13/2015 3:15:00 PM	1048500.000	65.302	17.062	147.100
35808.113	42207.168	27.260	28.701	27.927
1.020				
12/13/2015 3:30:00 PM	1049400.000	65.292	17.061	147.076
35792.227	42189.270	27.247	28.689	27.939
1.020				
12/13/2015 3:45:00 PM	1050300.000	65.283	17.061	147.055
35761.652	42153.563	27.221	28.664	27.963
1.020				
12/13/2015 4:00:00 PM	1051200.000	65.275	17.061	147.039
35802.922	42202.293	27.256	28.698	27.931
1.020				
12/13/2015 4:15:00 PM	1052100.000	65.269	17.061	147.025

35795.758	42193.848	27.250	28.692	27.936
1.020				
12/13/2015 4:30:00 PM	1053000.000	65.264	17.061	147.013
35787.293	42184.125	27.243	28.685	27.943
1.020				
12/13/2015 4:45:00 PM	1053900.000	65.251	17.060	146.985
35767.816	42161.914	27.227	28.670	27.958
1.020				
12/13/2015 5:00:00 PM	1054800.000	65.246	17.060	146.973
35790.559	42188.723	27.246	28.688	27.940
1.020				
12/13/2015 5:15:00 PM	1055700.000	65.237	17.060	146.953
35790.270	42188.469	27.246	28.688	27.941
1.020				
12/13/2015 5:30:00 PM	1056600.000	65.229	17.060	146.935
35767.863	42161.891	27.227	28.670	27.958
1.020				
12/13/2015 5:45:00 PM	1057500.000	65.230	17.060	146.936
35789.680	42187.355	27.245	28.687	27.941
1.020				
12/13/2015 6:00:00 PM	1058400.000	65.220	17.059	146.915
35769.340	42164.719	27.229	28.672	27.957
1.020				
12/13/2015 6:15:00 PM	1059300.000	65.219	17.059	146.912
35784.641	42182.340	27.242	28.684	27.945
1.020				
12/13/2015 6:30:00 PM	1060200.000	65.210	17.059	146.893
35775.090	42171.082	27.234	28.676	27.952
1.020				
12/13/2015 6:45:00 PM	1061100.000	65.208	17.059	146.886
35783.621	42181.211	27.241	28.683	27.946
1.020				
12/13/2015 7:00:00 PM	1062000.000	65.204	17.059	146.878
35782.715	42180.484	27.240	28.683	27.946
1.020				
12/13/2015 7:15:00 PM	1062900.000	65.204	17.059	146.878
35761.004	42154.973	27.222	28.665	27.963
1.020				
12/13/2015 7:30:00 PM	1063800.000	65.200	17.058	146.868
35776.402	42173.543	27.235	28.678	27.951
1.020				
12/13/2015 7:45:00 PM	1064700.000	65.197	17.059	146.863
35775.086	42171.656	27.234	28.677	27.952
1.020				
12/13/2015 8:00:00 PM	1065600.000	65.201	17.058	146.871
35795.625	42196.035	27.251	28.693	27.936
1.020				
12/13/2015 8:15:00 PM	1066500.000	65.202	17.058	146.875
35773.516	42170.309	27.233	28.676	27.954
1.020				
12/13/2015 8:30:00 PM	1067400.000	65.205	17.057	146.880
35768.277	42164.797	27.229	28.672	27.958
1.020				
12/13/2015 8:45:00 PM	1068300.000	65.202	17.058	146.873
35761.789	42156.148	27.223	28.666	27.963

1.020				
12/13/2015 9:00:00 PM	1069200.000	65.207	17.058	146.884
35753.355	42146.621	27.216	28.660	27.969
1.020				
12/13/2015 9:15:00 PM	1070100.000	65.206	17.058	146.884
35752.672	42145.734	27.215	28.659	27.970
1.020				
12/13/2015 9:30:00 PM	1071000.000	65.214	17.058	146.901
35758.613	42152.906	27.220	28.664	27.965
1.020				
12/13/2015 9:45:00 PM	1071900.000	65.214	17.057	146.901
35727.402	42116.691	27.195	28.639	27.990
1.020				
12/13/2015 10:00:00 PM	1072800.000	65.216	17.057	146.905
35759.414	42154.598	27.222	28.665	27.965
1.020				
12/13/2015 10:15:00 PM	1073700.000	65.217	17.057	146.907
35768.434	42165.059	27.229	28.672	27.958
1.020				
12/13/2015 10:30:00 PM	1074600.000	65.228	17.057	146.933
35776.035	42174.020	27.236	28.678	27.952
1.020				
12/13/2015 10:45:00 PM	1075500.000	65.232	17.057	146.941
35763.789	42159.672	27.225	28.669	27.961
1.020				
12/13/2015 11:00:00 PM	1076400.000	65.236	17.058	146.951
35748.949	42141.844	27.213	28.656	27.973
1.020				
12/13/2015 11:15:00 PM	1077300.000	65.240	17.058	146.959
35723.461	42111.879	27.191	28.636	27.993
1.020				
12/13/2015 11:30:00 PM	1078200.000	65.241	17.058	146.962
35748.859	42141.820	27.213	28.656	27.973
1.020				
12/13/2015 11:45:00 PM	1079100.000	65.246	17.058	146.972
35768.281	42164.547	27.229	28.672	27.958
1.020				
12/14/2015 12:00:00 AM	1080000.000	65.255	17.058	146.992
35762.805	42158.258	27.224	28.668	27.962
1.020				
12/14/2015 12:15:00 AM	1080900.000	65.260	17.057	147.004
35754.230	42148.660	27.217	28.661	27.969
1.020				
12/14/2015 12:30:00 AM	1081800.000	65.261	17.058	147.007
35731.082	42120.531	27.197	28.642	27.987
1.020				
12/14/2015 12:45:00 AM	1082700.000	65.250	17.057	146.981
35747.461	42140.336	27.211	28.655	27.974
1.020				
12/14/2015 1:00:00 AM	1083600.000	65.263	17.058	147.012
35735.887	42126.117	27.201	28.646	27.983
1.020				
12/14/2015 1:15:00 AM	1084500.000	65.264	17.057	147.014
35734.715	42125.730	27.201	28.645	27.984
1.020				

12/14/2015 1:30:00 AM	1085400.000	65.268	17.058	147.024
35730.242	42119.621	27.197	28.641	27.987
1.020				
12/14/2015 1:45:00 AM	1086300.000	65.269	17.057	147.025
35754.496	42148.555	27.217	28.661	27.969
1.020				
12/14/2015 2:00:00 AM	1087200.000	65.268	17.058	147.022
35752.414	42145.844	27.215	28.659	27.970
1.020				
12/14/2015 2:15:00 AM	1088100.000	65.277	17.057	147.043
35732.664	42122.816	27.199	28.644	27.986
1.020				
12/14/2015 2:30:00 AM	1089000.000	65.270	17.058	147.027
35742.824	42134.453	27.207	28.651	27.978
1.020				
12/14/2015 2:45:00 AM	1089900.000	65.271	17.058	147.030
35744.090	42135.699	27.208	28.652	27.977
1.020				
12/14/2015 3:00:00 AM	1090800.000	65.271	17.058	147.030
35763.871	42159.438	27.225	28.668	27.961
1.020				
12/14/2015 3:15:00 AM	1091700.000	65.266	17.058	147.018
35746.473	42138.676	27.210	28.654	27.975
1.020				
12/14/2015 3:30:00 AM	1092600.000	65.264	17.058	147.014
35718.918	42106.523	27.187	28.632	27.996
1.020				
12/14/2015 3:45:00 AM	1093500.000	65.268	17.058	147.024
35735.777	42126.316	27.201	28.646	27.983
1.020				
12/14/2015 4:00:00 AM	1094400.000	65.264	17.058	147.013
35762.355	42157.152	27.224	28.667	27.962
1.020				
12/14/2015 4:15:00 AM	1095300.000	65.265	17.058	147.016
35746.758	42139.262	27.211	28.655	27.975
1.020				
12/14/2015 4:30:00 AM	1096200.000	65.261	17.058	147.007
35731.652	42121.457	27.198	28.643	27.986
1.020				
12/14/2015 4:45:00 AM	1097100.000	65.264	17.058	147.013
35721.859	42109.578	27.189	28.635	27.994
1.020				
12/14/2015 5:00:00 AM	1098000.000	65.257	17.058	146.998
35720.328	42107.934	27.188	28.633	27.995
1.020				
12/14/2015 5:15:00 AM	1098900.000	65.261	17.058	147.007
35757.297	42150.934	27.219	28.663	27.966
1.020				
12/14/2015 5:30:00 AM	1099800.000	65.259	17.058	147.001
35757.977	42152.234	27.220	28.664	27.966
1.020				
12/14/2015 5:45:00 AM	1100700.000	65.259	17.057	147.002
35739.613	42131.008	27.205	28.649	27.980
1.020				
12/14/2015 6:00:00 AM	1101600.000	65.260	17.058	147.005

35744.102	42135.801	27.208	28.652	27.977
1.020				
12/14/2015 6:15:00 AM	1102500.000	65.256	17.058	146.997
35749.887	42142.531	27.213	28.657	27.972
1.020				
12/14/2015 6:30:00 AM	1103400.000	65.261	17.058	147.008
35721.043	42109.027	27.189	28.634	27.995
1.020				
12/14/2015 6:45:00 AM	1104300.000	65.275	17.057	147.038
35745.145	42137.605	27.209	28.654	27.976
1.020				
12/14/2015 7:00:00 AM	1105200.000	65.256	17.058	146.995
35741.488	42132.219	27.206	28.650	27.979
1.020				
12/14/2015 7:15:00 AM	1106100.000	65.258	17.058	147.000
35763.930	42158.672	27.225	28.668	27.961
1.020				
12/14/2015 7:30:00 AM	1107000.000	65.261	17.058	147.008
35740.574	42131.641	27.205	28.650	27.979
1.020				
12/14/2015 7:45:00 AM	1107900.000	65.265	17.058	147.017
35768.145	42164.301	27.229	28.672	27.958
1.020				
12/14/2015 8:00:00 AM	1108800.000	65.261	17.058	147.008
35745.789	42137.621	27.210	28.654	27.975
1.020				
12/14/2015 8:15:00 AM	1109700.000	65.275	17.058	147.038
35771.031	42167.285	27.231	28.674	27.956
1.020				
12/14/2015 8:30:00 AM	1110600.000	65.274	17.058	147.035
35751.668	42144.797	27.215	28.658	27.971
1.020				
12/14/2015 8:45:00 AM	1111500.000	65.276	17.058	147.040
35758.379	42152.129	27.220	28.663	27.965
1.020				
12/14/2015 9:00:00 AM	1112400.000	65.284	17.059	147.058
35754.016	42146.898	27.216	28.660	27.969
1.020				
12/14/2015 9:15:00 AM	1113300.000	65.285	17.058	147.061
35764.719	42159.684	27.225	28.669	27.961
1.020				
12/14/2015 9:30:00 AM	1114200.000	65.287	17.059	147.065
35751.863	42144.035	27.214	28.658	27.971
1.020				
12/14/2015 9:45:00 AM	1115100.000	65.294	17.059	147.081
35754.625	42147.125	27.216	28.660	27.968
1.020				
12/14/2015 10:00:00 AM	1116000.000	65.301	17.059	147.097
35756.543	42149.633	27.218	28.662	27.967
1.020				
12/14/2015 10:15:00 AM	1116900.000	65.304	17.060	147.103
35774.262	42169.844	27.233	28.675	27.953
1.020				
12/14/2015 10:30:00 AM	1117800.000	65.312	17.060	147.121
35770.691	42165.305	27.229	28.672	27.956

1.020					
12/14/2015 10:45:00 AM	1118700.000	65.311	17.060	147.120	
35776.730	42172.590	27.235	28.677	27.951	
1.020					
12/14/2015 11:00:00 AM	1119600.000	65.316	17.060	147.130	
35763.461	42156.867	27.223	28.667	27.962	
1.020					
12/14/2015 11:15:00 AM	1120500.000	65.310	17.060	147.116	
35758.246	42150.301	27.219	28.662	27.966	
1.020					
12/14/2015 11:30:00 AM	1121400.000	65.325	17.060	147.150	
35772.270	42167.164	27.231	28.674	27.955	
1.020					
12/14/2015 11:45:00 AM	1122300.000	65.338	17.060	147.181	
35782.270	42178.445	27.239	28.681	27.947	
1.020					
12/14/2015 12:00:00 PM	1123200.000	65.324	17.061	147.149	
35774.473	42168.762	27.232	28.675	27.953	
1.020					
12/14/2015 12:15:00 PM	1124100.000	65.330	17.061	147.162	
35788.934	42185.719	27.244	28.686	27.942	
1.020					
12/14/2015 12:30:00 PM	1125000.000	65.329	17.061	147.160	
35766.422	42159.184	27.225	28.668	27.959	
1.020					
12/14/2015 12:45:00 PM	1125900.000	65.327	17.061	147.156	
35800.078	42198.785	27.253	28.695	27.933	
1.020					
12/14/2015 1:00:00 PM	1126800.000	65.326	17.061	147.152	
35790.332	42187.035	27.245	28.687	27.941	
1.020					
12/14/2015 1:15:00 PM	1127700.000	65.326	17.062	147.153	
35778.754	42172.895	27.235	28.678	27.950	
1.020					
12/14/2015 1:30:00 PM	1128600.000	65.322	17.061	147.144	
35777.398	42171.957	27.234	28.677	27.951	
1.020					
12/14/2015 1:45:00 PM	1129500.000	65.317	17.061	147.134	
35779.852	42175.016	27.236	28.679	27.949	
1.020					
12/14/2015 2:00:00 PM	1130400.000	65.313	17.061	147.125	
35804.145	42203.734	27.257	28.699	27.930	
1.020					
12/14/2015 2:15:00 PM	1131300.000	65.327	17.062	147.157	
35788.168	42184.324	27.243	28.685	27.942	
1.020					
12/14/2015 2:30:00 PM	1132200.000	65.310	17.061	147.117	
35775.691	42169.699	27.233	28.675	27.952	
1.020					
12/14/2015 2:45:00 PM	1133100.000	65.321	17.062	147.142	
35808.254	42208.000	27.260	28.701	27.927	
1.020					
12/14/2015 3:00:00 PM	1134000.000	65.317	17.061	147.132	
35794.148	42192.207	27.249	28.691	27.938	
1.020					

12/14/2015 3:15:00 PM 35797.418 1.020	1134900.000 42195.719	65.294 27.251	17.061 28.693	147.080 27.935
12/14/2015 3:30:00 PM 35771.461 1.020	1135800.000 42165.379	65.289 27.230	17.061 28.672	147.070 27.955
12/14/2015 3:45:00 PM 35793.129 1.020	1136700.000 42191.172	65.285 27.248	17.061 28.690	147.060 27.938
12/14/2015 4:00:00 PM 35786.297 1.020	1137600.000 42183.285	65.277 27.242	17.060 28.685	147.042 27.944
12/14/2015 4:15:00 PM 35753.867 1.020	1138500.000 42144.891	65.271 27.215	17.061 28.659	147.028 27.969
12/14/2015 4:30:00 PM 35782.180 1.020	1139400.000 42178.516	65.263 27.239	17.060 28.681	147.012 27.947
12/14/2015 4:45:00 PM 35790.734 1.020	1140300.000 42188.684	65.257 27.246	17.060 28.688	146.998 27.940
12/14/2015 5:00:00 PM 35747.328 1.020	1141200.000 42138.098	65.248 27.210	17.060 28.654	146.977 27.974
12/14/2015 5:15:00 PM 35762.930 1.020	1142100.000 42156.488	65.242 27.223	17.060 28.666	146.964 27.962
12/14/2015 5:30:00 PM 35795.609 1.020	1143000.000 42194.938	65.241 27.251	17.060 28.693	146.961 27.936
12/14/2015 5:45:00 PM 35774.484 1.020	1143900.000 42170.105	65.245 27.233	17.060 28.676	146.970 27.953
12/14/2015 6:00:00 PM 35758.332 1.020	1144800.000 42151.066	65.227 27.219	17.060 28.663	146.929 27.966
12/14/2015 6:15:00 PM 35779.023 1.020	1145700.000 42175.793	65.221 27.237	17.059 28.680	146.917 27.949
12/14/2015 6:30:00 PM 35754.797 1.020	1146600.000 42147.160	65.213 27.216	17.059 28.660	146.899 27.968
12/14/2015 6:45:00 PM 35771.359 1.020	1147500.000 42166.926	65.211 27.231	17.059 28.674	146.894 27.955
12/14/2015 7:00:00 PM 35771.895 1.020	1148400.000 42167.895	65.211 27.231	17.059 28.674	146.894 27.955
12/14/2015 7:15:00 PM 35767.629 1.020	1149300.000 42162.867	65.205 27.228	17.059 28.671	146.880 27.958
12/14/2015 7:30:00 PM 35774.277 1.020	1150200.000 42171.781	65.217 27.234	17.058 28.677	146.909 27.953
12/14/2015 7:45:00 PM	1151100.000	65.195	17.058	146.857

35765.520	42160.883	27.226	28.669	27.960
1.020				
12/14/2015 8:00:00 PM	1152000.000	65.195	17.058	146.858
35758.602	42153.137	27.221	28.664	27.965
1.020				
12/14/2015 8:15:00 PM	1152900.000	65.197	17.058	146.863
35742.574	42134.000	27.207	28.651	27.978
1.020				
12/14/2015 8:30:00 PM	1153800.000	65.194	17.057	146.856
35743.770	42136.074	27.208	28.653	27.977
1.020				
12/14/2015 8:45:00 PM	1154700.000	65.191	17.057	146.849
35753.574	42147.633	27.217	28.660	27.969
1.020				
12/14/2015 9:00:00 PM	1155600.000	65.190	17.057	146.846
35751.879	42145.801	27.215	28.659	27.971
1.020				
12/14/2015 9:15:00 PM	1156500.000	65.193	17.058	146.855
35759.066	42153.773	27.221	28.665	27.965
1.020				
12/14/2015 9:30:00 PM	1157400.000	65.193	17.057	146.854
35750.555	42144.238	27.214	28.658	27.972
1.020				
12/14/2015 9:45:00 PM	1158300.000	65.197	17.057	146.863
35759.160	42154.473	27.222	28.665	27.965
1.020				
12/14/2015 10:00:00 PM	1159200.000	65.210	17.057	146.893
35763.410	42159.559	27.225	28.669	27.962
1.020				
12/14/2015 10:15:00 PM	1160100.000	65.201	17.056	146.871
35768.453	42165.926	27.230	28.673	27.958
1.020				
12/14/2015 10:30:00 PM	1161000.000	65.204	17.056	146.878
35756.641	42152.000	27.220	28.663	27.967
1.020				
12/14/2015 10:45:00 PM	1161900.000	65.208	17.057	146.887
35741.570	42133.813	27.207	28.651	27.979
1.020				
12/14/2015 11:00:00 PM	1162800.000	65.210	17.057	146.893
35747.133	42140.117	27.211	28.655	27.974
1.020				
12/14/2015 11:15:00 PM	1163700.000	65.215	17.057	146.903
35763.145	42159.078	27.225	28.668	27.962
1.020				
12/14/2015 11:30:00 PM	1164600.000	65.219	17.057	146.913
35738.941	42130.875	27.205	28.649	27.981
1.020				
12/14/2015 11:45:00 PM	1165500.000	65.225	17.056	146.927
35742.879	42136.191	27.208	28.653	27.978
1.020				
12/15/2015 12:00:00 AM	1166400.000	65.227	17.056	146.930
35721.793	42111.332	27.191	28.636	27.994
1.020				
12/15/2015 12:15:00 AM	1167300.000	65.227	17.056	146.931
35755.375	42150.672	27.219	28.662	27.968

1.020					
12/15/2015 12:30:00 AM	1168200.000	65.233	17.057	146.945	
35725.609	42115.336	27.194	28.638	27.991	
1.020					
12/15/2015 12:45:00 AM	1169100.000	65.239	17.056	146.956	
35729.648	42120.684	27.197	28.642	27.988	
1.020					
12/15/2015 1:00:00 AM	1170000.000	65.240	17.056	146.959	
35741.941	42134.926	27.208	28.652	27.978	
1.020					
12/15/2015 1:15:00 AM	1170900.000	65.243	17.056	146.966	
35712.379	42099.988	27.183	28.628	28.001	
1.020					
12/15/2015 1:30:00 AM	1171800.000	65.246	17.056	146.972	
35729.281	42120.328	27.197	28.642	27.988	
1.020					
12/15/2015 1:45:00 AM	1172700.000	65.247	17.056	146.975	
35711.863	42099.543	27.182	28.628	28.002	
1.020					
12/15/2015 2:00:00 AM	1173600.000	65.250	17.056	146.982	
35725.660	42115.730	27.194	28.639	27.991	
1.020					
12/15/2015 2:15:00 AM	1174500.000	65.249	17.056	146.979	
35722.613	42112.051	27.191	28.636	27.993	
1.020					
12/15/2015 2:30:00 AM	1175400.000	65.252	17.056	146.986	
35747.621	42141.781	27.212	28.656	27.974	
1.020					
12/15/2015 2:45:00 AM	1176300.000	65.253	17.056	146.989	
35738.031	42130.395	27.204	28.649	27.981	
1.020					
12/15/2015 3:00:00 AM	1177200.000	65.249	17.056	146.979	
35725.445	42115.805	27.194	28.639	27.991	
1.020					
12/15/2015 3:15:00 AM	1178100.000	65.256	17.057	146.996	
35723.508	42112.773	27.192	28.637	27.993	
1.020					
12/15/2015 3:30:00 AM	1179000.000	65.252	17.056	146.987	
35723.352	42113.500	27.192	28.637	27.993	
1.020					
12/15/2015 3:45:00 AM	1179900.000	65.250	17.056	146.982	
35734.535	42126.520	27.201	28.646	27.984	
1.020					
12/15/2015 4:00:00 AM	1180800.000	65.248	17.056	146.978	
35733.898	42126.020	27.201	28.646	27.985	
1.020					
12/15/2015 4:15:00 AM	1181700.000	65.250	17.056	146.983	
35746.984	42141.121	27.212	28.656	27.974	
1.020					
12/15/2015 4:30:00 AM	1182600.000	65.252	17.056	146.987	
35733.848	42125.543	27.201	28.645	27.985	
1.020					
12/15/2015 4:45:00 AM	1183500.000	65.247	17.056	146.974	
35743.730	42137.195	27.209	28.653	27.977	
1.020					

12/15/2015 5:00:00 AM 35734.930 1.020	1184400.000 42127.152	65.241 27.202	17.056 28.646	146.962 27.984
12/15/2015 5:15:00 AM 35718.211 1.020	1185300.000 42107.527	65.243 27.188	17.056 28.633	146.966 27.997
12/15/2015 5:30:00 AM 35715.254 1.020	1186200.000 42103.957	65.240 27.185	17.056 28.631	146.959 27.999
12/15/2015 5:45:00 AM 35734.211 1.020	1187100.000 42126.559	65.241 27.201	17.055 28.646	146.962 27.984
12/15/2015 6:00:00 AM 35753.629 1.020	1188000.000 42149.359	65.234 27.218	17.056 28.662	146.947 27.969
12/15/2015 6:15:00 AM 35708.824 1.020	1188900.000 42096.375	65.234 27.180	17.056 28.626	146.947 28.004
12/15/2015 6:30:00 AM 35741.633 1.020	1189800.000 42135.387	65.234 27.208	17.055 28.652	146.947 27.979
12/15/2015 6:45:00 AM 35724.625 1.020	1190700.000 42114.762	65.232 27.193	17.056 28.638	146.941 27.992
12/15/2015 7:00:00 AM 35736.797 1.020	1191600.000 42129.605	65.235 27.204	17.055 28.648	146.948 27.982
12/15/2015 7:15:00 AM 35700.582 1.020	1192500.000 42087.406	65.231 27.173	17.055 28.619	146.939 28.011
12/15/2015 7:30:00 AM 35721.633 1.020	1193400.000 42111.641	65.231 27.191	17.056 28.636	146.939 27.994
12/15/2015 7:45:00 AM 35737.379 1.020	1194300.000 42130.203	65.233 27.204	17.056 28.649	146.945 27.982
12/15/2015 8:00:00 AM 35737.566 1.020	1195200.000 42130.590	65.232 27.204	17.055 28.649	146.941 27.982
12/15/2015 8:15:00 AM 35746.633 1.020	1196100.000 42140.707	65.247 27.212	17.056 28.656	146.975 27.975
12/15/2015 8:30:00 AM 35741.539 1.020	1197000.000 42135.449	65.245 27.208	17.055 28.652	146.970 27.979
12/15/2015 8:45:00 AM 35701.168 1.020	1197900.000 42087.605	65.235 27.174	17.055 28.620	146.949 28.010
12/15/2015 9:00:00 AM 35706.316 1.020	1198800.000 42093.254	65.242 27.178	17.056 28.623	146.964 28.006
12/15/2015 9:15:00 AM 35745.949 1.020	1199700.000 42140.648	65.240 27.212	17.055 28.656	146.960 27.975
12/15/2015 9:30:00 AM	1200600.000	65.242	17.055	146.964

35726.598	42117.750	27.195	28.640	27.990
1.020				
12/15/2015 9:45:00 AM	1201500.000	65.245	17.055	146.972
35724.082	42114.941	27.193	28.638	27.992
1.020				
12/15/2015 10:00:00 AM	1202400.000	65.251	17.055	146.984
35714.648	42103.496	27.185	28.630	28.000
1.020				
12/15/2015 10:15:00 AM	1203300.000	65.252	17.055	146.986
35710.961	42099.473	27.182	28.628	28.003
1.020				
12/15/2015 10:30:00 AM	1204200.000	65.254	17.055	146.992
35746.504	42141.129	27.212	28.656	27.975
1.020				
12/15/2015 10:45:00 AM	1205100.000	65.255	17.055	146.993
35728.527	42119.934	27.197	28.642	27.989
1.020				
12/15/2015 11:00:00 AM	1206000.000	65.258	17.055	146.999
35711.195	42099.426	27.182	28.628	28.002
1.020				
12/15/2015 11:15:00 AM	1206900.000	65.262	17.056	147.009
35721.594	42111.594	27.191	28.636	27.994
1.020				
12/15/2015 11:30:00 AM	1207800.000	65.266	17.056	147.018
35734.055	42126.121	27.201	28.646	27.985
1.020				
12/15/2015 11:45:00 AM	1208700.000	65.268	17.056	147.022
35703.105	42089.633	27.175	28.621	28.009
1.020				
12/15/2015 12:00:00 PM	1209600.000	65.273	17.056	147.033
35712.586	42100.738	27.183	28.629	28.001
1.020				
12/15/2015 12:15:00 PM	1210500.000	65.274	17.056	147.037
35736.023	42128.371	27.203	28.647	27.983
1.020				
12/15/2015 12:30:00 PM	1211400.000	65.275	17.056	147.038
35712.480	42100.445	27.183	28.628	28.001
1.020				
12/15/2015 12:45:00 PM	1212300.000	65.275	17.056	147.038
35746.367	42140.469	27.211	28.656	27.975
1.020				
12/15/2015 1:00:00 PM	1213200.000	65.272	17.056	147.032
35726.012	42116.398	27.194	28.639	27.991
1.020				
12/15/2015 1:15:00 PM	1214100.000	65.278	17.056	147.044
35728.902	42119.465	27.196	28.641	27.989
1.020				
12/15/2015 1:30:00 PM	1215000.000	65.275	17.056	147.039
35720.820	42110.105	27.190	28.635	27.995
1.020				
12/15/2015 1:45:00 PM	1215900.000	65.274	17.056	147.036
35726.973	42117.438	27.195	28.640	27.990
1.020				
12/15/2015 2:00:00 PM	1216800.000	65.271	17.056	147.029
35734.359	42126.313	27.201	28.646	27.984

1.020				
12/15/2015 2:15:00 PM	1217700.000	65.268	17.056	147.024
35728.254	42118.535	27.196	28.641	27.989
1.020				
12/15/2015 2:30:00 PM	1218600.000	65.269	17.056	147.024
35728.277	42118.652	27.196	28.641	27.989
1.020				
12/15/2015 2:45:00 PM	1219500.000	65.266	17.057	147.018
35733.219	42124.309	27.200	28.645	27.985
1.020				
12/15/2015 3:00:00 PM	1220400.000	65.258	17.056	146.999
35718.746	42107.742	27.188	28.633	27.997
1.020				
12/15/2015 3:15:00 PM	1221300.000	65.252	17.056	146.987
35716.332	42104.895	27.186	28.631	27.998
1.020				
12/15/2015 3:30:00 PM	1222200.000	65.247	17.056	146.974
35714.066	42102.066	27.184	28.629	28.000
1.020				
12/15/2015 3:45:00 PM	1223100.000	65.241	17.056	146.961
35723.625	42113.246	27.192	28.637	27.993
1.020				
12/15/2015 4:00:00 PM	1224000.000	65.235	17.056	146.948
35725.121	42115.754	27.194	28.639	27.992
1.020				
12/15/2015 4:15:00 PM	1224900.000	65.230	17.055	146.938
35725.602	42116.484	27.194	28.639	27.991
1.020				
12/15/2015 4:30:00 PM	1225800.000	65.222	17.056	146.919
35747.645	42141.902	27.213	28.656	27.974
1.020				
12/15/2015 4:45:00 PM	1226700.000	65.217	17.055	146.907
35709.352	42097.250	27.181	28.626	28.004
1.020				
12/15/2015 5:00:00 PM	1227600.000	65.209	17.056	146.889
35716.262	42105.309	27.186	28.632	27.998
1.020				
12/15/2015 5:15:00 PM	1228500.000	65.205	17.055	146.880
35723.609	42114.059	27.193	28.638	27.993
1.020				
12/15/2015 5:30:00 PM	1229400.000	65.196	17.055	146.860
35727.453	42118.918	27.196	28.641	27.990
1.020				
12/15/2015 5:45:00 PM	1230300.000	65.189	17.055	146.845
35721.070	42111.484	27.191	28.636	27.995
1.020				
12/15/2015 6:00:00 PM	1231200.000	65.182	17.055	146.829
35702.461	42089.871	27.175	28.621	28.009
1.020				
12/15/2015 6:15:00 PM	1232100.000	65.178	17.056	146.821
35711.922	42100.113	27.183	28.628	28.002
1.020				
12/15/2015 6:30:00 PM	1233000.000	65.184	17.055	146.834
35709.793	42098.262	27.181	28.627	28.004
1.020				

12/15/2015 6:45:00 PM 35724.980 1.020	1233900.000 42116.094	65.168 27.194	17.055 28.639	146.797 27.992
12/15/2015 7:00:00 PM 35728.355 1.020	1234800.000 42120.398	65.163 27.197	17.055 28.642	146.785 27.989
12/15/2015 7:15:00 PM 35742.004 1.020	1235700.000 42136.742	65.156 27.209	17.054 28.653	146.771 27.978
12/15/2015 7:30:00 PM 35729.945 1.020	1236600.000 42121.855	65.150 27.198	17.055 28.643	146.756 27.988
12/15/2015 7:45:00 PM 35715.309 1.020	1237500.000 42105.273	65.145 27.186	17.054 28.632	146.745 27.999
12/15/2015 8:00:00 PM 35699.383 1.020	1238400.000 42086.410	65.141 27.173	17.054 28.619	146.737 28.012
12/15/2015 8:15:00 PM 35711.145 1.020	1239300.000 42100.109	65.140 27.183	17.055 28.628	146.734 28.002
12/15/2015 8:30:00 PM 35696.918 1.020	1240200.000 42083.336	65.140 27.171	17.055 28.617	146.734 28.014
12/15/2015 8:45:00 PM 35715.734 1.020	1241100.000 42105.688	65.135 27.187	17.054 28.632	146.722 27.999
12/15/2015 9:00:00 PM 35694.574 1.020	1242000.000 42080.992	65.133 27.169	17.054 28.615	146.718 28.015
12/15/2015 9:15:00 PM 35710.297 1.020	1242900.000 42099.023	65.135 27.182	17.055 28.627	146.722 28.003
12/15/2015 9:30:00 PM 35733.898 1.020	1243800.000 42127.023	65.135 27.202	17.055 28.646	146.722 27.985
12/15/2015 9:45:00 PM 35720.824 1.020	1244700.000 42111.609	65.134 27.191	17.055 28.636	146.721 27.995
12/15/2015 10:00:00 PM 35718.363 1.020	1245600.000 42109.203	65.137 27.189	17.054 28.634	146.727 27.997
12/15/2015 10:15:00 PM 35728.742 1.020	1246500.000 42121.695	65.138 27.198	17.054 28.643	146.730 27.989
12/15/2015 10:30:00 PM 35710.984 1.020	1247400.000 42100.672	65.137 27.183	17.054 28.628	146.727 28.003
12/15/2015 10:45:00 PM 35682.039 1.019	1248300.000 42067.055	65.140 27.159	17.053 28.606	146.735 28.025
12/15/2015 11:00:00 PM 35707.570 1.020	1249200.000 42096.234	65.147 27.180	17.054 28.625	146.750 28.005
12/15/2015 11:15:00 PM	1250100.000	65.149	17.053	146.754

35715.324	42106.207	27.187	28.632	27.999
1.020				
12/15/2015 11:30:00 PM	1251000.000	65.149	17.054	146.754
35689.754	42075.809	27.165	28.612	28.019
1.020				
12/15/2015 11:45:00 PM	1251900.000	65.155	17.054	146.768
35701.207	42089.148	27.175	28.621	28.010
1.020				
12/16/2015 12:00:00 AM	1252800.000	65.162	17.053	146.783
35691.680	42078.246	27.167	28.613	28.018
1.020				
12/16/2015 12:15:00 AM	1253700.000	65.163	17.054	146.787
35707.906	42097.129	27.180	28.626	28.005
1.020				
12/16/2015 12:30:00 AM	1254600.000	65.165	17.053	146.791
35707.715	42097.152	27.180	28.626	28.005
1.020				
12/16/2015 12:45:00 AM	1255500.000	65.173	17.053	146.809
35689.859	42076.102	27.165	28.612	28.019
1.020				
12/16/2015 1:00:00 AM	1256400.000	65.176	17.053	146.816
35667.359	42049.914	27.147	28.594	28.037
1.019				
12/16/2015 1:15:00 AM	1257300.000	65.182	17.053	146.829
35698.699	42086.523	27.173	28.619	28.012
1.020				
12/16/2015 1:30:00 AM	1258200.000	65.182	17.053	146.829
35686.371	42071.988	27.162	28.609	28.022
1.019				
12/16/2015 1:45:00 AM	1259100.000	65.190	17.053	146.846
35691.688	42078.430	27.167	28.613	28.018
1.020				
12/16/2015 2:00:00 AM	1260000.000	65.189	17.053	146.845
35673.238	42056.590	27.151	28.598	28.032
1.019				
12/16/2015 2:15:00 AM	1260900.000	65.202	17.053	146.874
35693.395	42080.523	27.168	28.615	28.016
1.020				
12/16/2015 2:30:00 AM	1261800.000	65.192	17.053	146.851
35703.734	42092.711	27.177	28.623	28.008
1.020				
12/16/2015 2:45:00 AM	1262700.000	65.200	17.053	146.868
35704.398	42093.242	27.178	28.623	28.008
1.020				
12/16/2015 3:00:00 AM	1263600.000	65.199	17.053	146.867
35696.238	42084.461	27.171	28.617	28.014
1.020				
12/16/2015 3:15:00 AM	1264500.000	65.198	17.053	146.865
35708.340	42098.559	27.181	28.627	28.005
1.020				
12/16/2015 3:30:00 AM	1265400.000	65.203	17.053	146.877
35695.688	42083.723	27.171	28.617	28.015
1.020				
12/16/2015 3:45:00 AM	1266300.000	65.198	17.053	146.865
35715.824	42107.289	27.188	28.633	27.999

1.020				
12/16/2015 4:00:00 AM	1267200.000	65.200	17.054	146.868
35704.504	42093.293	27.178	28.623	28.008
1.020				
12/16/2015 4:15:00 AM	1268100.000	65.200	17.053	146.870
35685.363	42071.379	27.162	28.609	28.023
1.019				
12/16/2015 4:30:00 AM	1269000.000	65.203	17.053	146.875
35691.570	42078.867	27.167	28.614	28.018
1.020				
12/16/2015 4:45:00 AM	1269900.000	65.200	17.053	146.868
35689.719	42076.273	27.165	28.612	28.019
1.020				
12/16/2015 5:00:00 AM	1270800.000	65.199	17.053	146.868
35690.949	42077.559	27.166	28.613	28.018
1.020				
12/16/2015 5:15:00 AM	1271700.000	65.201	17.053	146.871
35711.574	42102.207	27.184	28.630	28.002
1.020				
12/16/2015 5:30:00 AM	1272600.000	65.197	17.053	146.862
35689.195	42075.898	27.165	28.612	28.020
1.020				
12/16/2015 5:45:00 AM	1273500.000	65.194	17.053	146.856
35688.297	42074.680	27.164	28.611	28.020
1.020				
12/16/2015 6:00:00 AM	1274400.000	65.194	17.053	146.857
35709.660	42100.023	27.182	28.628	28.004
1.020				
12/16/2015 6:15:00 AM	1275300.000	65.191	17.053	146.849
35699.938	42088.734	27.174	28.620	28.011
1.020				
12/16/2015 6:30:00 AM	1276200.000	65.187	17.053	146.841
35698.180	42086.414	27.173	28.619	28.013
1.020				
12/16/2015 6:45:00 AM	1277100.000	65.187	17.053	146.841
35696.379	42084.039	27.171	28.617	28.014
1.020				
12/16/2015 7:00:00 AM	1278000.000	65.183	17.053	146.832
35688.668	42074.781	27.164	28.611	28.020
1.020				
12/16/2015 7:15:00 AM	1278900.000	65.185	17.053	146.835
35691.117	42077.668	27.166	28.613	28.018
1.020				
12/16/2015 7:30:00 AM	1279800.000	65.185	17.053	146.835
35701.840	42090.977	27.176	28.622	28.010
1.020				
12/16/2015 7:45:00 AM	1280700.000	65.178	17.053	146.821
35675.523	42059.453	27.153	28.600	28.030
1.019				
12/16/2015 8:00:00 AM	1281600.000	65.178	17.053	146.819
35698.406	42086.926	27.173	28.619	28.012
1.020				
12/16/2015 8:15:00 AM	1282500.000	65.178	17.053	146.821
35693.762	42080.953	27.169	28.615	28.016
1.020				

12/16/2015 8:30:00 AM 35724.340 1.020	1283400.000 42117.090	65.176 27.195	17.053 28.640	146.816 27.992
12/16/2015 8:45:00 AM 35722.156 1.020	1284300.000 42113.930	65.179 27.192	17.054 28.637	146.823 27.994
12/16/2015 9:00:00 AM 35708.492 1.020	1285200.000 42098.320	65.181 27.181	17.053 28.627	146.826 28.005
12/16/2015 9:15:00 AM 35684.145 1.019	1286100.000 42069.617	65.182 27.161	17.053 28.607	146.829 28.024
12/16/2015 9:30:00 AM 35712.070 1.020	1287000.000 42102.371	65.190 27.184	17.053 28.630	146.846 28.002
12/16/2015 9:45:00 AM 35676.711 1.019	1287900.000 42060.938	65.178 27.154	17.053 28.601	146.819 28.029
12/16/2015 10:00:00 AM 35699.438 1.020	1288800.000 42087.566	65.181 27.173	17.053 28.620	146.828 28.012
12/16/2015 10:15:00 AM 35717.488 1.020	1289700.000 42108.926	65.183 27.189	17.053 28.634	146.832 27.997
12/16/2015 10:30:00 AM 35695.461 1.020	1290600.000 42083.211	65.199 27.170	17.053 28.617	146.867 28.015
12/16/2015 10:45:00 AM 35697.855 1.020	1291500.000 42085.945	65.190 27.172	17.053 28.618	146.846 28.013
12/16/2015 11:00:00 AM 35694.934 1.020	1292400.000 42082.660	65.189 27.170	17.053 28.616	146.845 28.015
12/16/2015 11:15:00 AM 35713.531 1.020	1293300.000 42104.512	65.190 27.186	17.053 28.631	146.846 28.001
12/16/2015 11:30:00 AM 35710.266 1.020	1294200.000 42100.828	65.193 27.183	17.053 28.629	146.855 28.003
12/16/2015 11:45:00 AM 35702.039 1.020	1295100.000 42090.215	65.197 27.175	17.054 28.621	146.862 28.010
12/16/2015 12:00:00 PM 35707.840 1.020	1296000.000 42097.133	65.201 27.180	17.054 28.626	146.871 28.005
12/16/2015 12:15:00 PM 35689.711 1.020	1296900.000 42076.598	65.199 27.166	17.053 28.612	146.868 28.019
12/16/2015 12:30:00 PM 35699.527 1.020	1297800.000 42087.840	65.202 27.174	17.053 28.620	146.875 28.012
12/16/2015 12:45:00 PM 35678.816 1.019	1298700.000 42062.750	65.201 27.156	17.054 28.603	146.873 28.028
12/16/2015 1:00:00 PM	1299600.000	65.206	17.054	146.883

35711.383	42101.145	27.183	28.629	28.002
1.020				
12/16/2015 1:15:00 PM	1300500.000	65.208	17.054	146.886
35708.395	42097.621	27.181	28.626	28.005
1.020				
12/16/2015 1:30:00 PM	1301400.000	65.209	17.054	146.891
35687.797	42073.336	27.163	28.610	28.021
1.019				
12/16/2015 1:45:00 PM	1302300.000	65.210	17.053	146.892
35711.266	42101.512	27.183	28.629	28.002
1.020				
12/16/2015 2:00:00 PM	1303200.000	65.206	17.054	146.884
35690.348	42076.430	27.166	28.612	28.019
1.020				
12/16/2015 2:15:00 PM	1304100.000	65.208	17.054	146.887
35689.137	42074.918	27.164	28.611	28.020
1.020				
12/16/2015 2:30:00 PM	1305000.000	65.208	17.054	146.888
35713.746	42103.930	27.185	28.631	28.000
1.020				
12/16/2015 2:45:00 PM	1305900.000	65.206	17.054	146.884
35704.852	42093.445	27.178	28.624	28.007
1.020				
12/16/2015 3:00:00 PM	1306800.000	65.204	17.054	146.878
35699.117	42086.348	27.173	28.619	28.012
1.020				
12/16/2015 3:15:00 PM	1307700.000	65.201	17.054	146.871
35712.750	42102.676	27.184	28.630	28.001
1.020				
12/16/2015 3:30:00 PM	1308600.000	65.197	17.054	146.862
35685.805	42071.152	27.162	28.608	28.022
1.019				
12/16/2015 3:45:00 PM	1309500.000	65.199	17.054	146.867
35692.816	42079.516	27.168	28.614	28.017
1.020				
12/16/2015 4:00:00 PM	1310400.000	65.191	17.054	146.849
35696.551	42083.656	27.171	28.617	28.014
1.020				
12/16/2015 4:15:00 PM	1311300.000	65.186	17.054	146.837
35705.164	42093.645	27.178	28.624	28.007
1.020				
12/16/2015 4:30:00 PM	1312200.000	65.181	17.054	146.828
35722.332	42113.719	27.192	28.637	27.994
1.020				
12/16/2015 4:45:00 PM	1313100.000	65.176	17.054	146.816
35717.461	42108.570	27.189	28.634	27.998
1.020				
12/16/2015 5:00:00 PM	1314000.000	65.172	17.054	146.805
35694.895	42081.449	27.169	28.615	28.015
1.020				
12/16/2015 5:15:00 PM	1314900.000	65.166	17.053	146.793
35691.742	42078.824	27.167	28.614	28.018
1.020				
12/16/2015 5:30:00 PM	1315800.000	65.161	17.053	146.781
35697.551	42085.168	27.172	28.618	28.013

1.020				
12/16/2015 5:45:00 PM	1316700.000	65.156	17.054	146.771
35703.223	42091.609	27.176	28.622	28.009
1.020				
12/16/2015 6:00:00 PM	1317600.000	65.150	17.054	146.757
35704.207	42092.270	27.177	28.623	28.008
1.020				
12/16/2015 6:15:00 PM	1318500.000	65.142	17.054	146.740
35710.008	42099.781	27.182	28.628	28.003
1.020				
12/16/2015 6:30:00 PM	1319400.000	65.139	17.054	146.733
35701.801	42090.105	27.175	28.621	28.010
1.020				
12/16/2015 6:45:00 PM	1320300.000	65.130	17.053	146.711
35693.129	42080.461	27.168	28.615	28.017
1.020				
12/16/2015 7:00:00 PM	1321200.000	65.124	17.053	146.699
35706.703	42095.957	27.179	28.625	28.006
1.020				
12/16/2015 7:15:00 PM	1322100.000	65.127	17.054	146.704
35688.184	42073.715	27.164	28.610	28.020
1.019				
12/16/2015 7:30:00 PM	1323000.000	65.113	17.053	146.674
35700.766	42088.957	27.174	28.620	28.011
1.020				
12/16/2015 7:45:00 PM	1323900.000	65.109	17.053	146.665
35708.070	42098.242	27.181	28.627	28.005
1.020				
12/16/2015 8:00:00 PM	1324800.000	65.108	17.053	146.662
35714.063	42104.887	27.186	28.631	28.000
1.020				
12/16/2015 8:15:00 PM	1325700.000	65.100	17.053	146.643
35699.926	42088.473	27.174	28.620	28.011
1.020				
12/16/2015 8:30:00 PM	1326600.000	65.099	17.053	146.641
35705.316	42094.996	27.179	28.625	28.007
1.020				
12/16/2015 8:45:00 PM	1327500.000	65.099	17.053	146.641
35709.105	42099.371	27.182	28.628	28.004
1.020				
12/16/2015 9:00:00 PM	1328400.000	65.088	17.053	146.617
35702.039	42091.129	27.176	28.622	28.010
1.020				
12/16/2015 9:15:00 PM	1329300.000	65.090	17.053	146.622
35714.039	42105.277	27.186	28.632	28.000
1.020				
12/16/2015 9:30:00 PM	1330200.000	65.091	17.052	146.624
35701.781	42091.242	27.176	28.622	28.010
1.020				
12/16/2015 9:45:00 PM	1331100.000	65.086	17.053	146.613
35678.906	42063.527	27.156	28.603	28.028
1.019				
12/16/2015 10:00:00 PM	1332000.000	65.088	17.053	146.618
35705.793	42095.227	27.179	28.625	28.007
1.020				

12/16/2015 10:15:00 PM	1332900.000	65.084	17.053	146.608
35701.301	42089.844	27.175	28.621	28.010
1.020				
12/16/2015 10:30:00 PM	1333800.000	65.084	17.053	146.608
35696.219	42084.270	27.171	28.617	28.014
1.020				
12/16/2015 10:45:00 PM	1334700.000	65.087	17.053	146.615
35708.371	42098.344	27.181	28.627	28.005
1.020				
12/16/2015 11:00:00 PM	1335600.000	65.091	17.053	146.624
35700.715	42089.402	27.175	28.621	28.011
1.020				
12/16/2015 11:15:00 PM	1336500.000	65.093	17.053	146.629
35692.055	42079.109	27.167	28.614	28.017
1.020				
12/16/2015 11:30:00 PM	1337400.000	65.093	17.053	146.628
35689.680	42076.727	27.166	28.612	28.019
1.020				
12/16/2015 11:45:00 PM	1338300.000	65.098	17.053	146.639
35701.480	42090.551	27.176	28.622	28.010
1.020				

Report Date: 12/18/2015 1:47:06 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3S Pre Test_2015-12-17_10-50-50-173.wsl
Create Date: 12/17/2015 10:50:42 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

Log Data:

Record Count: 1531

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	
Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
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)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	18.839	17.099	42.437	
29754.553	35043.227	22.196	23.829	33.608	

1.016				
12/10/2015 12:15:00 AM	735300.000	18.834	17.100	42.427
29719.475	35000.941	22.166	23.801	33.648
1.016				
12/10/2015 12:30:00 AM	736200.000	18.834	17.101	42.425
29746.338	35031.680	22.188	23.822	33.618
1.016				
12/10/2015 12:45:00 AM	737100.000	18.834	17.102	42.425
29756.504	35043.102	22.196	23.829	33.606
1.016				
12/10/2015 1:00:00 AM	738000.000	18.831	17.101	42.419
29751.305	35037.320	22.192	23.825	33.612
1.016				
12/10/2015 1:15:00 AM	738900.000	18.839	17.103	42.438
29756.240	35041.684	22.195	23.828	33.606
1.016				
12/10/2015 1:30:00 AM	739800.000	18.833	17.103	42.424
29764.020	35050.984	22.201	23.835	33.598
1.016				
12/10/2015 1:45:00 AM	740700.000	18.833	17.103	42.424
29757.775	35043.281	22.196	23.829	33.605
1.016				
12/10/2015 2:00:00 AM	741600.000	18.831	17.103	42.418
29756.988	35042.219	22.195	23.829	33.606
1.016				
12/10/2015 2:15:00 AM	742500.000	18.835	17.102	42.428
29764.652	35052.555	22.202	23.836	33.597
1.016				
12/10/2015 2:30:00 AM	743400.000	18.833	17.101	42.423
29733.082	35015.590	22.177	23.811	33.633
1.016				
12/10/2015 2:45:00 AM	744300.000	18.830	17.101	42.418
29742.314	35026.871	22.185	23.818	33.622
1.016				
12/10/2015 3:00:00 AM	745200.000	18.828	17.100	42.412
29740.549	35025.832	22.184	23.818	33.624
1.016				
12/10/2015 3:15:00 AM	746100.000	18.836	17.098	42.430
29753.322	35041.918	22.195	23.829	33.610
1.016				
12/10/2015 3:30:00 AM	747000.000	18.833	17.097	42.424
29734.492	35020.773	22.180	23.814	33.631
1.016				
12/10/2015 3:45:00 AM	747900.000	18.831	17.092	42.419
29729.477	35019.078	22.179	23.813	33.637
1.016				
12/10/2015 4:00:00 AM	748800.000	18.834	17.090	42.426
29735.859	35028.117	22.185	23.819	33.629
1.016				
12/10/2015 4:15:00 AM	749700.000	18.832	17.089	42.421
29715.084	35004.066	22.168	23.803	33.653
1.016				
12/10/2015 4:30:00 AM	750600.000	18.830	17.091	42.418
29719.611	35007.594	22.171	23.805	33.648
1.016				
12/10/2015 4:45:00 AM	751500.000	18.831	17.092	42.418

29720.271	35008.309	22.171	23.806	33.647
1.016				
12/10/2015 5:00:00 AM	752400.000	18.829	17.091	42.415
29740.275	35032.145	22.188	23.822	33.624
1.016				
12/10/2015 5:15:00 AM	753300.000	18.835	17.093	42.429
29719.061	35005.984	22.170	23.804	33.648
1.016				
12/10/2015 5:30:00 AM	754200.000	18.828	17.093	42.413
29714.477	35000.648	22.166	23.800	33.654
1.016				
12/10/2015 5:45:00 AM	755100.000	18.824	17.092	42.404
29728.830	35018.180	22.178	23.812	33.637
1.016				
12/10/2015 6:00:00 AM	756000.000	18.829	17.093	42.414
29714.549	35000.672	22.166	23.800	33.654
1.016				
12/10/2015 6:15:00 AM	756900.000	18.828	17.092	42.411
29747.996	35040.406	22.194	23.827	33.616
1.016				
12/10/2015 6:30:00 AM	757800.000	18.828	17.092	42.413
29719.340	35007.000	22.170	23.805	33.648
1.016				
12/10/2015 6:45:00 AM	758700.000	18.827	17.094	42.410
29727.420	35014.523	22.176	23.810	33.639
1.016				
12/10/2015 7:00:00 AM	759600.000	18.831	17.093	42.419
29724.154	35011.699	22.174	23.808	33.643
1.016				
12/10/2015 7:15:00 AM	760500.000	18.834	17.093	42.426
29725.727	35013.551	22.175	23.809	33.641
1.016				
12/10/2015 7:30:00 AM	761400.000	18.825	17.094	42.405
29734.838	35023.457	22.182	23.816	33.631
1.016				
12/10/2015 7:45:00 AM	762300.000	18.828	17.094	42.412
29704.512	34988.008	22.157	23.792	33.665
1.016				
12/10/2015 8:00:00 AM	763200.000	18.826	17.093	42.407
29716.775	35003.078	22.168	23.802	33.651
1.016				
12/10/2015 8:15:00 AM	764100.000	18.826	17.095	42.408
29727.176	35013.609	22.175	23.809	33.639
1.016				
12/10/2015 8:30:00 AM	765000.000	18.825	17.095	42.405
29705.498	34987.941	22.157	23.792	33.664
1.016				
12/10/2015 8:45:00 AM	765900.000	18.824	17.095	42.402
29724.510	35010.469	22.173	23.807	33.642
1.016				
12/10/2015 9:00:00 AM	766800.000	18.825	17.096	42.404
29717.070	35000.734	22.166	23.801	33.651
1.016				
12/10/2015 9:15:00 AM	767700.000	18.830	17.097	42.418
29699.473	34979.805	22.152	23.786	33.671
1.016				

12/10/2015 9:30:00 AM	768600.000	18.822	17.096	42.398
29761.338	35052.805	22.202	23.836	33.601
1.016				
12/10/2015 9:45:00 AM	769500.000	18.831	17.097	42.420
29749.588	35038.551	22.193	23.826	33.614
1.016				
12/10/2015 10:00:00 AM	770400.000	18.826	17.099	42.407
29730.898	35015.230	22.176	23.810	33.635
1.016				
12/10/2015 10:15:00 AM	771300.000	18.826	17.097	42.408
29718.949	35002.809	22.168	23.802	33.649
1.016				
12/10/2015 10:30:00 AM	772200.000	18.828	17.097	42.411
29719.637	35003.473	22.168	23.802	33.648
1.016				
12/10/2015 10:45:00 AM	773100.000	18.831	17.097	42.419
29744.701	35032.797	22.189	23.822	33.619
1.016				
12/10/2015 11:00:00 AM	774000.000	18.835	17.098	42.429
29749.955	35038.082	22.192	23.826	33.613
1.016				
12/10/2015 11:15:00 AM	774900.000	18.831	17.098	42.418
29726.299	35010.012	22.173	23.807	33.640
1.016				
12/10/2015 11:30:00 AM	775800.000	18.832	17.099	42.422
29719.623	35002.090	22.167	23.801	33.648
1.016				
12/10/2015 11:45:00 AM	776700.000	18.839	17.099	42.436
29728.227	35011.598	22.174	23.808	33.638
1.016				
12/10/2015 12:00:00 PM	777600.000	18.827	17.098	42.411
29720.246	35003.508	22.168	23.802	33.647
1.016				
12/10/2015 12:15:00 PM	778500.000	18.834	17.098	42.425
29717.264	34999.371	22.165	23.800	33.650
1.016				
12/10/2015 12:30:00 PM	779400.000	18.832	17.099	42.420
29733.807	35018.656	22.179	23.813	33.632
1.016				
12/10/2015 12:45:00 PM	780300.000	18.835	17.099	42.428
29731.953	35016.047	22.177	23.811	33.634
1.016				
12/10/2015 1:00:00 PM	781200.000	18.832	17.098	42.421
29726.777	35010.652	22.173	23.807	33.640
1.016				
12/10/2015 1:15:00 PM	782100.000	18.834	17.099	42.427
29743.768	35029.762	22.186	23.820	33.620
1.016				
12/10/2015 1:30:00 PM	783000.000	18.840	17.100	42.439
29736.752	35021.223	22.181	23.814	33.628
1.016				
12/10/2015 1:45:00 PM	783900.000	18.836	17.100	42.431
29750.117	35036.883	22.191	23.825	33.613
1.016				
12/10/2015 2:00:00 PM	784800.000	18.843	17.100	42.446
29738.539	35023.531	22.182	23.816	33.626

1.016				
12/10/2015 2:15:00 PM	785700.000	18.842	17.100	42.444
29729.813	35012.973	22.175	23.809	33.636
1.016				
12/10/2015 2:30:00 PM	786600.000	18.839	17.101	42.436
29748.676	35034.641	22.190	23.824	33.615
1.016				
12/10/2015 2:45:00 PM	787500.000	18.837	17.100	42.432
29750.270	35036.793	22.191	23.825	33.613
1.016				
12/10/2015 3:00:00 PM	788400.000	18.842	17.100	42.443
29751.768	35039.043	22.193	23.827	33.611
1.016				
12/10/2015 3:15:00 PM	789300.000	18.842	17.099	42.444
29744.939	35031.418	22.188	23.821	33.619
1.016				
12/10/2015 3:30:00 PM	790200.000	18.843	17.099	42.446
29759.549	35049.039	22.200	23.833	33.603
1.016				
12/10/2015 3:45:00 PM	791100.000	18.835	17.099	42.428
29753.410	35041.117	22.194	23.828	33.610
1.016				
12/10/2015 4:00:00 PM	792000.000	18.834	17.099	42.427
29734.264	35018.707	22.179	23.813	33.631
1.016				
12/10/2015 4:15:00 PM	792900.000	18.838	17.099	42.435
29753.461	35041.586	22.195	23.828	33.610
1.016				
12/10/2015 4:30:00 PM	793800.000	18.842	17.099	42.445
29749.064	35036.277	22.191	23.825	33.615
1.016				
12/10/2015 4:45:00 PM	794700.000	18.846	17.099	42.453
29765.252	35055.203	22.204	23.838	33.596
1.016				
12/10/2015 5:00:00 PM	795600.000	18.841	17.099	42.442
29747.572	35034.520	22.190	23.823	33.616
1.016				
12/10/2015 5:15:00 PM	796500.000	18.845	17.099	42.451
29778.488	35070.719	22.215	23.848	33.581
1.016				
12/10/2015 5:30:00 PM	797400.000	18.848	17.100	42.457
29767.480	35057.414	22.206	23.839	33.594
1.016				
12/10/2015 5:45:00 PM	798300.000	18.842	17.100	42.445
29768.631	35058.766	22.207	23.840	33.592
1.016				
12/10/2015 6:00:00 PM	799200.000	18.849	17.100	42.458
29762.152	35051.273	22.202	23.835	33.600
1.016				
12/10/2015 6:15:00 PM	800100.000	18.846	17.101	42.453
29759.979	35048.027	22.199	23.833	33.602
1.016				
12/10/2015 6:30:00 PM	801000.000	18.848	17.101	42.457
29772.842	35063.098	22.210	23.843	33.588
1.016				
12/10/2015 6:45:00 PM	801900.000	18.852	17.101	42.467

29769.754	35059.188	22.207	23.840	33.591
1.016				
12/10/2015 7:00:00 PM	802800.000	18.849	17.101	42.460
29771.945	35061.629	22.209	23.842	33.589
1.016				
12/10/2015 7:15:00 PM	803700.000	18.850	17.102	42.462
29768.303	35056.574	22.205	23.838	33.593
1.016				
12/10/2015 7:30:00 PM	804600.000	18.850	17.102	42.462
29757.219	35043.250	22.196	23.829	33.605
1.016				
12/10/2015 7:45:00 PM	805500.000	18.844	17.102	42.448
29770.164	35058.637	22.207	23.840	33.591
1.016				
12/10/2015 8:00:00 PM	806400.000	18.852	17.103	42.467
29789.480	35080.617	22.222	23.855	33.569
1.016				
12/10/2015 8:15:00 PM	807300.000	18.845	17.104	42.449
29786.984	35077.480	22.220	23.853	33.572
1.016				
12/10/2015 8:30:00 PM	808200.000	18.847	17.103	42.454
29794.484	35086.582	22.226	23.859	33.563
1.016				
12/10/2015 8:45:00 PM	809100.000	18.844	17.104	42.448
29799.535	35091.496	22.230	23.862	33.558
1.016				
12/10/2015 9:00:00 PM	810000.000	18.850	17.104	42.461
29775.264	35063.047	22.210	23.843	33.585
1.016				
12/10/2015 9:15:00 PM	810900.000	18.847	17.104	42.455
29769.762	35056.707	22.205	23.839	33.591
1.016				
12/10/2015 9:30:00 PM	811800.000	18.849	17.103	42.459
29784.975	35075.660	22.219	23.851	33.574
1.016				
12/10/2015 9:45:00 PM	812700.000	18.846	17.098	42.452
29771.801	35063.875	22.210	23.843	33.589
1.016				
12/10/2015 10:00:00 PM	813600.000	18.847	17.090	42.454
29737.105	35029.246	22.186	23.820	33.628
1.016				
12/10/2015 10:15:00 PM	814500.000	18.838	17.089	42.435
29764.422	35062.047	22.209	23.842	33.597
1.016				
12/10/2015 10:30:00 PM	815400.000	18.848	17.089	42.457
29766.422	35064.324	22.210	23.844	33.595
1.016				
12/10/2015 10:45:00 PM	816300.000	18.847	17.089	42.455
29768.613	35066.984	22.212	23.846	33.592
1.016				
12/10/2015 11:00:00 PM	817200.000	18.846	17.090	42.453
29735.842	35028.027	22.185	23.819	33.629
1.016				
12/10/2015 11:15:00 PM	818100.000	18.853	17.091	42.467
29728.486	35018.813	22.179	23.813	33.638
1.016				

12/10/2015 11:30:00 PM	819000.000	18.843	17.092	42.446
29731.367	35021.379	22.180	23.815	33.635
1.016				
12/10/2015 11:45:00 PM	819900.000	18.853	17.092	42.468
29771.238	35067.863	22.213	23.846	33.589
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12/11/2015 12:00:00 AM	820800.000	18.845	17.094	42.449
29744.582	35035.352	22.190	23.824	33.620
1.016				
12/11/2015 12:15:00 AM	821700.000	18.844	17.094	42.447
29756.658	35049.508	22.200	23.834	33.606
1.016				
12/11/2015 12:30:00 AM	822600.000	18.847	17.092	42.455
29738.803	35029.723	22.186	23.820	33.626
1.016				
12/11/2015 12:45:00 AM	823500.000	18.848	17.095	42.457
29765.199	35058.805	22.207	23.840	33.596
1.016				
12/11/2015 1:00:00 AM	824400.000	18.849	17.095	42.460
29759.926	35052.184	22.202	23.835	33.602
1.016				
12/11/2015 1:15:00 AM	825300.000	18.849	17.096	42.460
29750.727	35040.789	22.194	23.828	33.613
1.016				
12/11/2015 1:30:00 AM	826200.000	18.852	17.095	42.465
29752.797	35043.848	22.196	23.830	33.610
1.016				
12/11/2015 1:45:00 AM	827100.000	18.851	17.096	42.464
29747.830	35037.582	22.192	23.826	33.616
1.016				
12/11/2015 2:00:00 AM	828000.000	18.843	17.095	42.446
29769.098	35062.848	22.209	23.843	33.592
1.016				
12/11/2015 2:15:00 AM	828900.000	18.850	17.096	42.461
29761.629	35053.426	22.203	23.836	33.600
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12/11/2015 2:30:00 AM	829800.000	18.853	17.097	42.469
29731.844	35017.852	22.178	23.812	33.634
1.016				
12/11/2015 2:45:00 AM	830700.000	18.853	17.098	42.468
29755.842	35045.016	22.197	23.831	33.607
1.016				
12/11/2015 3:00:00 AM	831600.000	18.853	17.097	42.468
29757.102	35047.191	22.199	23.832	33.605
1.016				
12/11/2015 3:15:00 AM	832500.000	18.849	17.098	42.458
29752.031	35040.668	22.194	23.828	33.611
1.016				
12/11/2015 3:30:00 AM	833400.000	18.848	17.099	42.457
29735.479	35020.688	22.180	23.814	33.630
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12/11/2015 3:45:00 AM	834300.000	18.855	17.100	42.474
29748.000	35034.676	22.190	23.824	33.616
1.016				
12/11/2015 4:00:00 AM	835200.000	18.856	17.099	42.475
29753.059	35041.191	22.194	23.828	33.610

1.016				
12/11/2015 4:15:00 AM	836100.000	18.855	17.099	42.474
29750.758	35038.270	22.192	23.826	33.613
1.016				
12/11/2015 4:30:00 AM	837000.000	18.857	17.100	42.478
29752.031	35039.219	22.193	23.827	33.611
1.016				
12/11/2015 4:45:00 AM	837900.000	18.857	17.100	42.476
29750.326	35037.129	22.192	23.825	33.613
1.016				
12/11/2015 5:00:00 AM	838800.000	18.864	17.101	42.493
29763.619	35051.824	22.202	23.835	33.598
1.016				
12/11/2015 5:15:00 AM	839700.000	18.853	17.100	42.469
29752.791	35039.762	22.194	23.827	33.610
1.016				
12/11/2015 5:30:00 AM	840600.000	18.856	17.099	42.474
29772.422	35064.199	22.210	23.844	33.588
1.016				
12/11/2015 5:45:00 AM	841500.000	18.856	17.100	42.475
29747.563	35033.816	22.189	23.823	33.616
1.016				
12/11/2015 6:00:00 AM	842400.000	18.857	17.100	42.476
29762.820	35051.844	22.202	23.835	33.599
1.016				
12/11/2015 6:15:00 AM	843300.000	18.857	17.100	42.476
29745.518	35031.469	22.188	23.821	33.619
1.016				
12/11/2015 6:30:00 AM	844200.000	18.857	17.101	42.476
29758.313	35045.574	22.198	23.831	33.604
1.016				
12/11/2015 6:45:00 AM	845100.000	18.856	17.101	42.475
29760.539	35048.336	22.200	23.833	33.602
1.016				
12/11/2015 7:00:00 AM	846000.000	18.858	17.100	42.480
29767.939	35057.742	22.206	23.839	33.593
1.016				
12/11/2015 7:15:00 AM	846900.000	18.859	17.102	42.481
29778.354	35068.688	22.214	23.847	33.581
1.016				
12/11/2015 7:30:00 AM	847800.000	18.866	17.101	42.497
29787.057	35079.563	22.221	23.854	33.572
1.016				
12/11/2015 7:45:00 AM	848700.000	18.857	17.101	42.478
29747.207	35032.703	22.189	23.822	33.617
1.016				
12/11/2015 8:00:00 AM	849600.000	18.864	17.102	42.492
29762.373	35050.012	22.201	23.834	33.599
1.016				
12/11/2015 8:15:00 AM	850500.000	18.869	17.101	42.505
29770.176	35059.820	22.208	23.841	33.591
1.016				
12/11/2015 8:30:00 AM	851400.000	18.865	17.102	42.496
29762.301	35049.863	22.201	23.834	33.600
1.016				
12/11/2015 8:45:00 AM	852300.000	18.865	17.101	42.494

29771.527	35061.063	22.208	23.842	33.589
1.016				
12/11/2015 9:00:00 AM	853200.000	18.861	17.101	42.487
29764.822	35052.969	22.203	23.836	33.597
1.016				
12/11/2015 9:15:00 AM	854100.000	18.860	17.102	42.484
29774.090	35063.668	22.210	23.843	33.586
1.016				
12/11/2015 9:30:00 AM	855000.000	18.869	17.101	42.505
29771.195	35060.672	22.208	23.841	33.590
1.016				
12/11/2015 9:45:00 AM	855900.000	18.868	17.102	42.503
29764.967	35053.066	22.203	23.836	33.597
1.016				
12/11/2015 10:00:00 AM	856800.000	18.868	17.102	42.503
29755.520	35041.453	22.195	23.828	33.607
1.016				
12/11/2015 10:15:00 AM	857700.000	18.864	17.102	42.493
29766.848	35054.793	22.204	23.837	33.594
1.016				
12/11/2015 10:30:00 AM	858600.000	18.870	17.103	42.505
29776.641	35065.707	22.212	23.845	33.583
1.016				
12/11/2015 10:45:00 AM	859500.000	18.869	17.103	42.505
29786.055	35077.137	22.220	23.852	33.573
1.016				
12/11/2015 11:00:00 AM	860400.000	18.872	17.102	42.511
29787.223	35078.586	22.221	23.853	33.571
1.016				
12/11/2015 11:15:00 AM	861300.000	18.875	17.103	42.518
29757.053	35042.918	22.196	23.829	33.605
1.016				
12/11/2015 11:30:00 AM	862200.000	18.872	17.102	42.512
29782.211	35073.172	22.217	23.850	33.577
1.016				
12/11/2015 11:45:00 AM	863100.000	18.876	17.102	42.520
29784.422	35075.285	22.218	23.851	33.575
1.016				
12/11/2015 12:00:00 PM	864000.000	18.874	17.103	42.516
29764.082	35051.195	22.202	23.835	33.598
1.016				
12/11/2015 12:15:00 PM	864900.000	18.875	17.102	42.517
29764.352	35052.277	22.202	23.836	33.597
1.016				
12/11/2015 12:30:00 PM	865800.000	18.880	17.102	42.528
29789.391	35081.137	22.222	23.855	33.569
1.016				
12/11/2015 12:45:00 PM	866700.000	18.878	17.102	42.524
29787.299	35079.301	22.221	23.854	33.571
1.016				
12/11/2015 1:00:00 PM	867600.000	18.875	17.103	42.519
29752.055	35036.961	22.192	23.825	33.611
1.016				
12/11/2015 1:15:00 PM	868500.000	18.880	17.102	42.530
29784.158	35075.043	22.218	23.851	33.575
1.016				

12/11/2015 1:30:00 PM 29793.074 1.016	869400.000 35085.680	18.881 22.226	17.102 23.858	42.531 33.565
12/11/2015 1:45:00 PM 29754.854 1.016	870300.000 35041.289	18.880 22.195	17.101 23.828	42.530 33.608
12/11/2015 2:00:00 PM 29773.871 1.016	871200.000 35063.555	18.886 22.210	17.102 23.843	42.543 33.586
12/11/2015 2:15:00 PM 29775.963 1.016	872100.000 35066.016	18.883 22.212	17.102 23.845	42.536 33.584
12/11/2015 2:30:00 PM 29792.854 1.016	873000.000 35085.355	18.880 22.225	17.102 23.858	42.529 33.565
12/11/2015 2:45:00 PM 29797.584 1.016	873900.000 35091.613	18.886 22.230	17.101 23.862	42.542 33.560
12/11/2015 3:00:00 PM 29783.898 1.016	874800.000 35074.809	18.888 22.218	17.102 23.851	42.547 33.575
12/11/2015 3:15:00 PM 29794.789 1.016	875700.000 35088.043	18.887 22.227	17.102 23.860	42.544 33.563
12/11/2015 3:30:00 PM 29788.182 1.016	876600.000 35080.125	18.891 22.222	17.102 23.854	42.554 33.570
12/11/2015 3:45:00 PM 29763.629 1.016	877500.000 35051.348	18.885 22.202	17.102 23.835	42.540 33.598
12/11/2015 4:00:00 PM 29793.377 1.016	878400.000 35087.078	18.892 22.227	17.101 23.859	42.557 33.565
12/11/2015 4:15:00 PM 29786.439 1.016	879300.000 35078.074	18.896 22.220	17.102 23.853	42.564 33.572
12/11/2015 4:30:00 PM 29789.602 1.016	880200.000 35081.875	18.891 22.223	17.102 23.856	42.554 33.569
12/11/2015 4:45:00 PM 29787.535 1.016	881100.000 35079.855	18.893 22.222	17.101 23.854	42.558 33.571
12/11/2015 5:00:00 PM 29768.373 1.016	882000.000 35057.836	18.895 22.206	17.101 23.839	42.563 33.593
12/11/2015 5:15:00 PM 29767.914 1.016	882900.000 35056.883	18.890 22.205	17.101 23.839	42.552 33.593
12/11/2015 5:30:00 PM 29776.330 1.016	883800.000 35066.246	18.894 22.212	17.102 23.845	42.562 33.584
12/11/2015 5:45:00 PM 29788.137 1.016	884700.000 35080.566	18.894 22.222	17.101 23.855	42.560 33.570
12/11/2015 6:00:00 PM 29779.523	885600.000 35071.180	18.893 22.215	17.100 23.848	42.558 33.580

1.016				
12/11/2015 6:15:00 PM	886500.000	18.895	17.101	42.563
29776.705	35067.371	22.213	23.846	33.583
1.016				
12/11/2015 6:30:00 PM	887400.000	18.894	17.100	42.562
29769.160	35059.527	22.207	23.840	33.592
1.016				
12/11/2015 6:45:00 PM	888300.000	18.907	17.100	42.589
29767.574	35057.727	22.206	23.839	33.594
1.016				
12/11/2015 7:00:00 PM	889200.000	18.899	17.100	42.573
29783.594	35075.973	22.219	23.852	33.576
1.016				
12/11/2015 7:15:00 PM	890100.000	18.903	17.101	42.582
29780.756	35072.359	22.216	23.849	33.579
1.016				
12/11/2015 7:30:00 PM	891000.000	18.902	17.100	42.579
29781.217	35073.590	22.217	23.850	33.578
1.016				
12/11/2015 7:45:00 PM	891900.000	18.905	17.100	42.586
29766.178	35055.879	22.205	23.838	33.595
1.016				
12/11/2015 8:00:00 PM	892800.000	18.911	17.099	42.598
29752.918	35040.816	22.194	23.828	33.610
1.016				
12/11/2015 8:15:00 PM	893700.000	18.904	17.100	42.583
29774.631	35065.551	22.212	23.845	33.586
1.016				
12/11/2015 8:30:00 PM	894600.000	18.914	17.101	42.606
29760.346	35048.180	22.199	23.833	33.602
1.016				
12/11/2015 8:45:00 PM	895500.000	18.910	17.101	42.596
29790.801	35084.250	22.225	23.857	33.567
1.016				
12/11/2015 9:00:00 PM	896400.000	18.917	17.100	42.612
29779.152	35071.078	22.215	23.848	33.581
1.016				
12/11/2015 9:15:00 PM	897300.000	18.915	17.100	42.607
29757.535	35045.211	22.197	23.831	33.605
1.016				
12/11/2015 9:30:00 PM	898200.000	18.923	17.100	42.627
29765.891	35055.051	22.204	23.837	33.596
1.016				
12/11/2015 9:45:00 PM	899100.000	18.918	17.100	42.615
29765.414	35055.047	22.204	23.837	33.596
1.016				
12/11/2015 10:00:00 PM	900000.000	18.918	17.100	42.614
29765.385	35054.867	22.204	23.837	33.596
1.016				
12/11/2015 10:15:00 PM	900900.000	18.920	17.101	42.619
29784.275	35076.289	22.219	23.852	33.575
1.016				
12/11/2015 10:30:00 PM	901800.000	18.921	17.101	42.622
29785.416	35077.984	22.220	23.853	33.573
1.016				
12/11/2015 10:45:00 PM	902700.000	18.920	17.100	42.619

29770.027	35060.063	22.208	23.841	33.591
1.016				
12/11/2015 11:00:00 PM	903600.000	18.924	17.100	42.629
29787.389	35080.441	22.222	23.855	33.571
1.016				
12/11/2015 11:15:00 PM	904500.000	18.926	17.100	42.632
29760.576	35048.930	22.200	23.833	33.602
1.016				
12/11/2015 11:30:00 PM	905400.000	18.923	17.101	42.626
29791.793	35085.496	22.225	23.858	33.566
1.016				
12/11/2015 11:45:00 PM	906300.000	18.927	17.100	42.634
29770.402	35060.992	22.208	23.841	33.590
1.016				
12/12/2015 12:00:00 AM	907200.000	18.930	17.100	42.641
29781.152	35073.582	22.217	23.850	33.578
1.016				
12/12/2015 12:15:00 AM	908100.000	18.936	17.100	42.654
29789.535	35083.246	22.224	23.857	33.569
1.016				
12/12/2015 12:30:00 AM	909000.000	18.929	17.101	42.640
29787.691	35080.313	22.222	23.855	33.571
1.016				
12/12/2015 12:45:00 AM	909900.000	18.934	17.100	42.651
29768.371	35057.973	22.206	23.839	33.593
1.016				
12/12/2015 1:00:00 AM	910800.000	18.933	17.101	42.648
29781.957	35073.832	22.217	23.850	33.577
1.016				
12/12/2015 1:15:00 AM	911700.000	18.927	17.100	42.634
29763.555	35052.926	22.203	23.836	33.598
1.016				
12/12/2015 1:30:00 AM	912600.000	18.931	17.100	42.644
29784.469	35077.070	22.220	23.852	33.575
1.016				
12/12/2015 1:45:00 AM	913500.000	18.932	17.100	42.646
29753.160	35040.469	22.194	23.828	33.610
1.016				
12/12/2015 2:00:00 AM	914400.000	18.934	17.100	42.650
29787.998	35081.160	22.222	23.855	33.571
1.016				
12/12/2015 2:15:00 AM	915300.000	18.940	17.100	42.664
29774.082	35064.699	22.211	23.844	33.586
1.016				
12/12/2015 2:30:00 AM	916200.000	18.942	17.100	42.669
29779.045	35070.750	22.215	23.848	33.581
1.016				
12/12/2015 2:45:00 AM	917100.000	18.946	17.101	42.677
29786.467	35079.145	22.221	23.854	33.572
1.016				
12/12/2015 3:00:00 AM	918000.000	18.943	17.101	42.672
29789.320	35082.090	22.223	23.856	33.569
1.016				
12/12/2015 3:15:00 AM	918900.000	18.947	17.101	42.680
29785.240	35077.352	22.220	23.853	33.574
1.016				

12/12/2015 3:30:00 AM 29759.037 1.016	919800.000 35046.980	18.947 22.199	17.100 23.832	42.680 33.603
12/12/2015 3:45:00 AM 29757.053 1.016	920700.000 35044.848	18.946 22.197	17.100 23.830	42.678 33.605
12/12/2015 4:00:00 AM 29779.717 1.016	921600.000 35071.195	18.955 22.215	17.101 23.848	42.698 33.580
12/12/2015 4:15:00 AM 29803.613 1.016	922500.000 35099.277	18.949 22.235	17.101 23.868	42.685 33.553
12/12/2015 4:30:00 AM 29784.088 1.016	923400.000 35076.484	18.956 22.219	17.100 23.852	42.700 33.575
12/12/2015 4:45:00 AM 29776.375 1.016	924300.000 35067.473	18.952 22.213	17.100 23.846	42.691 33.584
12/12/2015 5:00:00 AM 29744.252 1.016	925200.000 35029.016	18.951 22.186	17.101 23.820	42.688 33.620
12/12/2015 5:15:00 AM 29769.721 1.016	926100.000 35059.633	18.957 22.207	17.100 23.841	42.703 33.591
12/12/2015 5:30:00 AM 29777.131 1.016	927000.000 35067.805	18.961 22.213	17.101 23.846	42.711 33.583
12/12/2015 5:45:00 AM 29756.924 1.016	927900.000 35043.938	18.960 22.196	17.101 23.830	42.710 33.606
12/12/2015 6:00:00 AM 29813.838 1.016	928800.000 35111.320	18.958 22.243	17.101 23.876	42.705 33.541
12/12/2015 6:15:00 AM 29777.229 1.016	929700.000 35067.918	18.963 22.213	17.101 23.846	42.716 33.583
12/12/2015 6:30:00 AM 29751.279 1.016	930600.000 35037.293	18.963 22.192	17.101 23.825	42.717 33.612
12/12/2015 6:45:00 AM 29800.309 1.016	931500.000 35094.762	18.961 22.232	17.101 23.864	42.712 33.557
12/12/2015 7:00:00 AM 29782.662 1.016	932400.000 35074.117	18.962 22.218	17.101 23.850	42.713 33.577
12/12/2015 7:15:00 AM 29785.160 1.016	933300.000 35077.816	18.966 22.220	17.100 23.853	42.723 33.574
12/12/2015 7:30:00 AM 29758.500 1.016	934200.000 35045.449	18.967 22.198	17.102 23.831	42.725 33.604
12/12/2015 7:45:00 AM 29771.340 1.016	935100.000 35061.328	18.967 22.209	17.101 23.842	42.724 33.589
12/12/2015 8:00:00 AM 29760.174	936000.000 35047.496	18.968 22.199	17.101 23.832	42.728 33.602

1.016				
12/12/2015 8:15:00 AM	936900.000	18.976	17.102	42.745
29778.730	35069.277	22.214	23.847	33.581
1.016				
12/12/2015 8:30:00 AM	937800.000	18.974	17.101	42.740
29787.012	35079.371	22.221	23.854	33.572
1.016				
12/12/2015 8:45:00 AM	938700.000	18.973	17.101	42.738
29782.855	35074.207	22.218	23.850	33.576
1.016				
12/12/2015 9:00:00 AM	939600.000	18.972	17.101	42.737
29766.018	35054.785	22.204	23.837	33.595
1.016				
12/12/2015 9:15:00 AM	940500.000	18.979	17.102	42.753
29766.775	35055.195	22.204	23.838	33.595
1.016				
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29792.416	35085.328	22.225	23.858	33.566
1.016				
12/12/2015 9:45:00 AM	942300.000	18.973	17.102	42.738
29780.020	35070.730	22.215	23.848	33.580
1.016				
12/12/2015 10:00:00 AM	943200.000	18.977	17.100	42.748
29798.299	35093.359	22.231	23.863	33.559
1.016				
12/12/2015 10:15:00 AM	944100.000	18.988	17.101	42.772
29779.225	35069.992	22.215	23.848	33.580
1.016				
12/12/2015 10:30:00 AM	945000.000	18.975	17.101	42.744
29777.742	35068.871	22.214	23.847	33.582
1.016				
12/12/2015 10:45:00 AM	945900.000	18.977	17.101	42.747
29763.605	35052.016	22.202	23.835	33.598
1.016				
12/12/2015 11:00:00 AM	946800.000	18.988	17.101	42.773
29771.908	35061.512	22.209	23.842	33.589
1.016				
12/12/2015 11:15:00 AM	947700.000	18.986	17.101	42.768
29787.934	35080.457	22.222	23.855	33.571
1.016				
12/12/2015 11:30:00 AM	948600.000	18.984	17.101	42.764
29755.480	35042.516	22.195	23.829	33.607
1.016				
12/12/2015 11:45:00 AM	949500.000	18.988	17.101	42.773
29758.807	35045.945	22.198	23.831	33.603
1.016				
12/12/2015 12:00:00 PM	950400.000	18.989	17.100	42.774
29777.500	35068.863	22.214	23.847	33.582
1.016				
12/12/2015 12:15:00 PM	951300.000	18.987	17.101	42.770
29745.545	35030.270	22.187	23.821	33.618
1.016				
12/12/2015 12:30:00 PM	952200.000	18.990	17.102	42.776
29759.611	35046.066	22.198	23.831	33.603
1.016				
12/12/2015 12:45:00 PM	953100.000	18.992	17.102	42.781

29773.457	35062.785	22.210	23.843	33.587
1.016				
12/12/2015 1:00:00 PM	954000.000	18.994	17.102	42.787
29784.459	35075.957	22.219	23.852	33.575
1.016				
12/12/2015 1:15:00 PM	954900.000	18.997	17.102	42.793
29783.545	35074.598	22.218	23.851	33.576
1.016				
12/12/2015 1:30:00 PM	955800.000	18.993	17.101	42.784
29746.309	35031.363	22.188	23.821	33.618
1.016				
12/12/2015 1:45:00 PM	956700.000	18.998	17.102	42.795
29758.826	35045.348	22.197	23.831	33.603
1.016				
12/12/2015 2:00:00 PM	957600.000	19.002	17.101	42.804
29755.105	35041.934	22.195	23.829	33.608
1.016				
12/12/2015 2:15:00 PM	958500.000	19.005	17.101	42.811
29758.963	35046.340	22.198	23.832	33.603
1.016				
12/12/2015 2:30:00 PM	959400.000	19.007	17.101	42.815
29786.910	35079.320	22.221	23.854	33.572
1.016				
12/12/2015 2:45:00 PM	960300.000	19.002	17.101	42.804
29775.111	35065.285	22.211	23.844	33.585
1.016				
12/12/2015 3:00:00 PM	961200.000	18.999	17.101	42.798
29754.705	35041.055	22.194	23.828	33.608
1.016				
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29787.742	35079.684	22.221	23.854	33.571
1.016				
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29792.912	35085.695	22.226	23.858	33.565
1.016				
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29795.461	35089.191	22.228	23.861	33.562
1.016				
12/12/2015 4:00:00 PM	964800.000	19.002	17.102	42.804
29774.900	35064.766	22.211	23.844	33.585
1.016				
12/12/2015 4:15:00 PM	965700.000	19.012	17.101	42.826
29752.938	35039.656	22.193	23.827	33.610
1.016				
12/12/2015 4:30:00 PM	966600.000	19.017	17.101	42.837
29752.668	35038.992	22.193	23.827	33.610
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12/12/2015 4:45:00 PM	967500.000	19.010	17.101	42.823
29781.354	35072.984	22.217	23.850	33.578
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12/12/2015 5:00:00 PM	968400.000	19.016	17.101	42.836
29760.934	35048.938	22.200	23.833	33.601
1.016				
12/12/2015 5:15:00 PM	969300.000	19.009	17.100	42.821
29780.424	35072.578	22.216	23.849	33.579
1.016				

12/12/2015 5:30:00 PM	970200.000	19.015	17.100	42.832
29748.730	35035.398	22.190	23.824	33.615
1.016				
12/12/2015 5:45:00 PM	971100.000	19.015	17.100	42.833
29779.299	35071.047	22.215	23.848	33.580
1.016				
12/12/2015 6:00:00 PM	972000.000	19.018	17.099	42.841
29781.744	35075.035	22.218	23.851	33.578
1.016				
12/12/2015 6:15:00 PM	972900.000	19.016	17.099	42.834
29780.461	35073.523	22.217	23.850	33.579
1.016				
12/12/2015 6:30:00 PM	973800.000	19.020	17.098	42.845
29785.797	35080.164	22.222	23.855	33.573
1.016				
12/12/2015 6:45:00 PM	974700.000	19.015	17.100	42.834
29754.789	35042.387	22.195	23.829	33.608
1.016				
12/12/2015 7:00:00 PM	975600.000	19.024	17.098	42.853
29772.672	35065.047	22.211	23.844	33.588
1.016				
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29764.369	35054.848	22.204	23.837	33.597
1.016				
12/12/2015 7:30:00 PM	977400.000	19.020	17.098	42.845
29765.777	35056.719	22.205	23.839	33.596
1.016				
12/12/2015 7:45:00 PM	978300.000	19.025	17.096	42.856
29777.258	35071.762	22.216	23.849	33.583
1.016				
12/12/2015 8:00:00 PM	979200.000	19.020	17.096	42.844
29746.457	35035.965	22.191	23.824	33.617
1.016				
12/12/2015 8:15:00 PM	980100.000	19.024	17.097	42.853
29775.637	35069.430	22.214	23.847	33.585
1.016				
12/12/2015 8:30:00 PM	981000.000	19.028	17.096	42.863
29783.639	35079.070	22.221	23.854	33.575
1.016				
12/12/2015 8:45:00 PM	981900.000	19.032	17.093	42.872
29775.744	35072.406	22.216	23.849	33.584
1.016				
12/12/2015 9:00:00 PM	982800.000	19.027	17.095	42.860
29785.045	35081.969	22.223	23.856	33.574
1.016				
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29758.219	35050.094	22.201	23.834	33.604
1.016				
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29744.545	35034.199	22.189	23.823	33.620
1.016				
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29745.475	35035.297	22.190	23.824	33.619
1.016				
12/12/2015 10:00:00 PM	986400.000	19.032	17.094	42.872
29754.895	35047.219	22.198	23.832	33.608

1.016					
12/12/2015 10:15:00 PM	987300.000	19.041	17.094	42.892	
29753.160	35044.840	22.197	23.830	33.610	
1.016					
12/12/2015 10:30:00 PM	988200.000	19.036	17.095	42.881	
29756.250	35048.262	22.199	23.833	33.606	
1.016					
12/12/2015 10:45:00 PM	989100.000	19.040	17.092	42.890	
29772.066	35068.902	22.214	23.847	33.589	
1.016					
12/12/2015 11:00:00 PM	990000.000	19.037	17.095	42.883	
29769.807	35063.742	22.210	23.843	33.591	
1.016					
12/12/2015 11:15:00 PM	990900.000	19.042	17.093	42.894	
29759.246	35052.898	22.202	23.836	33.603	
1.016					
12/12/2015 11:30:00 PM	991800.000	19.036	17.093	42.881	
29755.682	35048.832	22.200	23.833	33.607	
1.016					
12/12/2015 11:45:00 PM	992700.000	19.047	17.093	42.906	
29761.164	35055.434	22.204	23.838	33.601	
1.016					
12/13/2015 12:00:00 AM	993600.000	19.043	17.093	42.897	
29774.492	35071.203	22.215	23.848	33.586	
1.016					
12/13/2015 12:15:00 AM	994500.000	19.039	17.094	42.886	
29772.617	35068.305	22.213	23.846	33.588	
1.016					
12/13/2015 12:30:00 AM	995400.000	19.045	17.094	42.901	
29779.750	35076.707	22.219	23.852	33.580	
1.016					
12/13/2015 12:45:00 AM	996300.000	19.042	17.094	42.893	
29753.844	35045.645	22.197	23.831	33.609	
1.016					
12/13/2015 1:00:00 AM	997200.000	19.044	17.095	42.899	
29782.625	35079.051	22.221	23.854	33.577	
1.016					
12/13/2015 1:15:00 AM	998100.000	19.051	17.095	42.913	
29771.701	35066.539	22.212	23.845	33.589	
1.016					
12/13/2015 1:30:00 AM	999000.000	19.041	17.093	42.891	
29751.832	35044.238	22.196	23.830	33.611	
1.016					
12/13/2015 1:45:00 AM	999900.000	19.056	17.093	42.925	
29764.354	35059.477	22.207	23.840	33.597	
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12/13/2015 2:00:00 AM	1000800.000	19.045	17.092	42.901	
29748.049	35040.410	22.194	23.827	33.616	
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12/13/2015 2:15:00 AM	1001700.000	19.045	17.093	42.902	
29773.643	35069.930	22.214	23.848	33.587	
1.016					
12/13/2015 2:30:00 AM	1002600.000	19.047	17.093	42.906	
29781.336	35078.992	22.221	23.854	33.578	
1.016					
12/13/2015 2:45:00 AM	1003500.000	19.051	17.093	42.913	

29763.389	35057.852	22.206	23.839	33.598
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12/13/2015 3:00:00 AM	1004400.000	19.054	17.092	42.920
29769.199	35065.461	22.211	23.845	33.592
1.016				
12/13/2015 3:15:00 AM	1005300.000	19.047	17.093	42.906
29766.104	35061.109	22.208	23.842	33.595
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12/13/2015 3:30:00 AM	1006200.000	19.049	17.091	42.909
29781.207	35080.359	22.221	23.855	33.578
1.016				
12/13/2015 3:45:00 AM	1007100.000	19.057	17.093	42.928
29788.381	35087.699	22.227	23.860	33.570
1.016				
12/13/2015 4:00:00 AM	1008000.000	19.048	17.092	42.908
29781.686	35080.031	22.221	23.854	33.578
1.016				
12/13/2015 4:15:00 AM	1008900.000	19.051	17.092	42.913
29749.299	35042.086	22.195	23.829	33.614
1.016				
12/13/2015 4:30:00 AM	1009800.000	19.050	17.093	42.913
29782.441	35080.219	22.221	23.855	33.577
1.016				
12/13/2015 4:45:00 AM	1010700.000	19.057	17.092	42.928
29783.475	35082.195	22.223	23.856	33.576
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29781.637	35079.547	22.221	23.854	33.578
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29754.031	35047.863	22.199	23.833	33.609
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29766.121	35060.027	22.207	23.841	33.595
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29755.758	35049.352	22.200	23.834	33.607
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29762.475	35055.945	22.205	23.838	33.599
1.016				
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29773.832	35069.051	22.214	23.847	33.587
1.016				
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29781.992	35079.414	22.221	23.854	33.577
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29773.785	35068.852	22.214	23.847	33.587
1.016				
12/13/2015 7:15:00 AM	1019700.000	19.062	17.094	42.940
29777.297	35073.535	22.217	23.850	33.583
1.016				

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29780.508	35076.348	22.219	23.852	33.579
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29783.170	35079.832	22.221	23.854	33.576
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29773.086	35067.684	22.213	23.846	33.587
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29797.121	35096.680	22.233	23.866	33.560
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29789.924	35088.273	22.227	23.860	33.568
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12/13/2015 8:45:00 AM	1025100.000	19.060	17.094	42.935
29782.643	35079.488	22.221	23.854	33.577
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12/13/2015 9:00:00 AM	1026000.000	19.054	17.096	42.922
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29759.217	35051.074	22.201	23.835	33.603
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12/13/2015 9:30:00 AM	1027800.000	19.061	17.095	42.938
29780.305	35076.047	22.219	23.852	33.579
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12/13/2015 9:45:00 AM	1028700.000	19.068	17.096	42.954
29769.449	35062.984	22.210	23.843	33.591
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29758.324	35049.535	22.200	23.834	33.604
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12/13/2015 10:15:00 AM	1030500.000	19.065	17.096	42.947
29782.914	35078.563	22.220	23.853	33.576
1.016				
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29775.941	35069.867	22.214	23.848	33.584
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29779.850	35075.297	22.218	23.851	33.580
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29785.088	35081.543	22.222	23.855	33.574
1.016				
12/13/2015 11:15:00 AM	1034100.000	19.060	17.097	42.934
29790.594	35087.047	22.226	23.859	33.568
1.016				
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29788.879	35085.172	22.225	23.858	33.570
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29788.006	35084.078	22.224	23.857	33.571
1.016				
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29778.314	35072.523	22.216	23.849	33.581

1.016					
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29790.350	35086.152	22.226	23.859	33.568	
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29786.660	35082.281	22.223	23.856	33.572	
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29768.730	35060.688	22.208	23.841	33.592	
1.016					
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29787.582	35082.953	22.224	23.856	33.571	
1.016					
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29797.898	35094.688	22.232	23.864	33.559	
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29798.191	35095.031	22.232	23.865	33.559	
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29781.836	35076.184	22.219	23.852	33.578	
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29805.426	35103.281	22.238	23.870	33.551	
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29801.363	35098.629	22.235	23.867	33.556	
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29794.068	35090.594	22.229	23.862	33.564	
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29768.771	35061.285	22.208	23.842	33.592	
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29793.691	35090.008	22.228	23.861	33.564	
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29784.061	35078.461	22.220	23.853	33.575	
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29765.695	35056.758	22.205	23.839	33.596	
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29798.900	35096.352	22.233	23.866	33.558	
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29785.848	35080.848	22.222	23.855	33.573	
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29786.180	35080.680	22.222	23.855	33.573
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29774.691	35067.770	22.213	23.846	33.586
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29805.885	35104.367	22.238	23.871	33.550
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29805.313	35103.836	22.238	23.871	33.551
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29764.521	35055.730	22.205	23.838	33.597
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29802.313	35100.578	22.236	23.868	33.554
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29796.121	35092.594	22.230	23.863	33.561
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29804.158	35101.922	22.237	23.869	33.552
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29810.059	35108.461	22.241	23.874	33.546
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29775.758	35067.363	22.213	23.846	33.584
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29834.139	35136.191	22.261	23.893	33.519
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29781.305	35073.613	22.217	23.850	33.578
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29799.646	35094.746	22.232	23.864	33.557
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29797.859	35092.355	22.230	23.863	33.559
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29809.828	35105.973	22.240	23.872	33.546
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29785.352	35076.727	22.219	23.852	33.574
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29816.465	35113.715	22.245	23.877	33.539
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29800.857	35095.465	22.232	23.865	33.556
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29788.273	35081.352	22.223	23.855	33.570
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29777.932	35070.820	22.215	23.848	33.582
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12/13/2015 10:00:00 PM	1072800.000	19.063	17.097	42.941
29769.248	35061.984	22.209	23.842	33.592
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29761.113	35052.883	22.203	23.836	33.601
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29752.988	35044.012	22.196	23.830	33.610
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29721.646	35016.492	22.177	23.811	33.646
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29712.762	35007.617	22.170	23.805	33.656
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29714.084	35008.965	22.171	23.806	33.654
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29705.064	34997.230	22.163	23.798	33.664
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29738.998	35037.074	22.191	23.825	33.626
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29718.715	35011.176	22.173	23.808	33.649
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29726.756	35020.996	22.180	23.814	33.640
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29729.012	35023.996	22.182	23.816	33.637
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29715.889	35005.699	22.169	23.804	33.652
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29725.207	35017.367	22.177	23.812	33.641
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29723.625	35014.262	22.175	23.810	33.643
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29727.773	35020.734	22.180	23.814	33.639
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29718.494	35007.730	22.171	23.805	33.649

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29724.117	35013.316	22.175	23.809	33.643
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29730.883	35021.980	22.181	23.815	33.635
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29722.088	35011.277	22.173	23.808	33.645
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29719.416	35006.465	22.170	23.804	33.648
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29746.512	35038.523	22.192	23.826	33.617
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29725.613	35014.602	22.176	23.810	33.641
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29738.402	35030.422	22.187	23.821	33.627
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29736.902	35027.688	22.185	23.819	33.628
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29735.586	35024.891	22.183	23.817	33.630
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29735.170	35025.719	22.183	23.817	33.630
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29727.799	35017.316	22.178	23.812	33.639
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29720.736	35008.297	22.171	23.806	33.647
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29718.594	35006.477	22.170	23.804	33.649
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29752.900	35047.434	22.198	23.832	33.610
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29739.867	35031.660	22.188	23.822	33.625
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29714.873	35000.977	22.166	23.801	33.653
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29742.355	35033.426	22.189	23.823	33.622
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29733.170	35023.289	22.182	23.816	33.632
1.016				
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29732.424	35022.965	22.181	23.816	33.633
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29729.568	35018.844	22.179	23.813	33.637
1.016				
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29725.381	35015.020	22.176	23.810	33.641
1.016				
12/14/2015 7:30:00 AM	1107000.000	19.054	17.091	42.921
29716.508	35004.289	22.168	23.803	33.651
1.016				
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29706.232	34992.461	22.160	23.795	33.663
1.016				
12/14/2015 8:00:00 AM	1108800.000	19.051	17.092	42.915
29734.885	35025.039	22.183	23.817	33.631
1.016				
12/14/2015 8:15:00 AM	1109700.000	19.062	17.091	42.939
29715.889	35003.836	22.168	23.803	33.652
1.016				
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29709.064	34995.172	22.162	23.797	33.660
1.016				
12/14/2015 8:45:00 AM	1111500.000	19.060	17.093	42.934
29740.945	35031.688	22.188	23.822	33.624
1.016				
12/14/2015 9:00:00 AM	1112400.000	19.052	17.091	42.917
29730.504	35020.703	22.180	23.814	33.635
1.016				
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29725.430	35014.172	22.175	23.810	33.641
1.016				
12/14/2015 9:30:00 AM	1114200.000	19.060	17.094	42.934
29722.680	35009.406	22.172	23.806	33.644
1.016				
12/14/2015 9:45:00 AM	1115100.000	19.056	17.092	42.925
29727.064	35015.961	22.177	23.811	33.639
1.016				
12/14/2015 10:00:00 AM	1116000.000	19.050	17.093	42.912
29721.428	35008.559	22.171	23.806	33.646
1.016				
12/14/2015 10:15:00 AM	1116900.000	19.053	17.092	42.920
29719.229	35007.008	22.170	23.805	33.648
1.016				
12/14/2015 10:30:00 AM	1117800.000	19.058	17.091	42.930
29738.988	35030.500	22.187	23.821	33.626
1.016				
12/14/2015 10:45:00 AM	1118700.000	19.053	17.092	42.919
29730.305	35019.566	22.179	23.813	33.636
1.016				
12/14/2015 11:00:00 AM	1119600.000	19.050	17.091	42.912
29725.451	35014.680	22.176	23.810	33.641
1.016				
12/14/2015 11:15:00 AM	1120500.000	19.049	17.093	42.911
29727.123	35015.063	22.176	23.810	33.639
1.016				

12/14/2015 11:30:00 AM	1121400.000	19.055	17.093	42.923
29731.695	35020.520	22.180	23.814	33.634
1.016				
12/14/2015 11:45:00 AM	1122300.000	19.060	17.093	42.935
29739.553	35029.637	22.186	23.820	33.625
1.016				
12/14/2015 12:00:00 PM	1123200.000	19.058	17.094	42.930
29726.500	35014.125	22.175	23.810	33.640
1.016				
12/14/2015 12:15:00 PM	1124100.000	19.060	17.095	42.934
29713.078	34996.926	22.163	23.798	33.655
1.016				
12/14/2015 12:30:00 PM	1125000.000	19.060	17.094	42.934
29729.029	35016.418	22.177	23.811	33.637
1.016				
12/14/2015 12:45:00 PM	1125900.000	19.062	17.095	42.939
29730.908	35018.008	22.178	23.812	33.635
1.016				
12/14/2015 1:00:00 PM	1126800.000	19.058	17.095	42.930
29709.189	34992.625	22.160	23.795	33.660
1.016				
12/14/2015 1:15:00 PM	1127700.000	19.055	17.096	42.922
29734.967	35022.512	22.181	23.815	33.630
1.016				
12/14/2015 1:30:00 PM	1128600.000	19.053	17.095	42.918
29699.947	34981.402	22.153	23.787	33.670
1.016				
12/14/2015 1:45:00 PM	1129500.000	19.051	17.095	42.914
29711.176	34994.824	22.162	23.796	33.657
1.016				
12/14/2015 2:00:00 PM	1130400.000	19.055	17.095	42.923
29733.068	35020.609	22.180	23.814	33.633
1.016				
12/14/2015 2:15:00 PM	1131300.000	19.059	17.095	42.932
29717.277	35002.082	22.167	23.801	33.650
1.016				
12/14/2015 2:30:00 PM	1132200.000	19.052	17.096	42.917
29734.881	35021.922	22.181	23.815	33.631
1.016				
12/14/2015 2:45:00 PM	1133100.000	19.065	17.096	42.946
29724.053	35009.441	22.172	23.806	33.643
1.016				
12/14/2015 3:00:00 PM	1134000.000	19.058	17.096	42.930
29731.523	35018.238	22.178	23.812	33.634
1.016				
12/14/2015 3:15:00 PM	1134900.000	19.063	17.096	42.942
29749.473	35039.457	22.193	23.827	33.614
1.016				
12/14/2015 3:30:00 PM	1135800.000	19.059	17.095	42.933
29737.170	35025.441	22.183	23.817	33.628
1.016				
12/14/2015 3:45:00 PM	1136700.000	19.062	17.095	42.939
29756.145	35047.930	22.199	23.833	33.607
1.016				
12/14/2015 4:00:00 PM	1137600.000	19.059	17.096	42.933
29742.402	35030.641	22.187	23.821	33.622

1.016				
12/14/2015 4:15:00 PM	1138500.000	19.069	17.095	42.954
29719.168	35003.965	22.168	23.803	33.648
1.016				
12/14/2015 4:30:00 PM	1139400.000	19.059	17.095	42.933
29741.043	35030.004	22.186	23.820	33.624
1.016				
12/14/2015 4:45:00 PM	1140300.000	19.066	17.095	42.948
29736.311	35024.289	22.183	23.817	33.629
1.016				
12/14/2015 5:00:00 PM	1141200.000	19.059	17.094	42.932
29736.160	35024.738	22.183	23.817	33.629
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12/14/2015 5:15:00 PM	1142100.000	19.068	17.095	42.951
29751.375	35042.246	22.195	23.829	33.612
1.016				
12/14/2015 5:30:00 PM	1143000.000	19.065	17.095	42.947
29733.932	35021.566	22.181	23.815	33.632
1.016				
12/14/2015 5:45:00 PM	1143900.000	19.061	17.095	42.938
29761.367	35054.152	22.203	23.837	33.601
1.016				
12/14/2015 6:00:00 PM	1144800.000	19.068	17.095	42.951
29748.037	35038.453	22.192	23.826	33.616
1.016				
12/14/2015 6:15:00 PM	1145700.000	19.068	17.095	42.951
29739.680	35028.258	22.185	23.819	33.625
1.016				
12/14/2015 6:30:00 PM	1146600.000	19.067	17.095	42.950
29753.516	35044.766	22.197	23.830	33.609
1.016				
12/14/2015 6:45:00 PM	1147500.000	19.057	17.096	42.929
29757.789	35049.391	22.200	23.834	33.605
1.016				
12/14/2015 7:00:00 PM	1148400.000	19.063	17.094	42.941
29762.566	35055.918	22.205	23.838	33.599
1.016				
12/14/2015 7:15:00 PM	1149300.000	19.068	17.096	42.953
29751.436	35041.770	22.195	23.828	33.612
1.016				
12/14/2015 7:30:00 PM	1150200.000	19.065	17.096	42.946
29745.475	35034.809	22.190	23.824	33.619
1.016				
12/14/2015 7:45:00 PM	1151100.000	19.073	17.096	42.965
29745.529	35034.594	22.190	23.824	33.618
1.016				
12/14/2015 8:00:00 PM	1152000.000	19.063	17.097	42.942
29781.703	35076.027	22.219	23.852	33.578
1.016				
12/14/2015 8:15:00 PM	1152900.000	19.066	17.098	42.948
29757.012	35046.742	22.198	23.832	33.606
1.016				
12/14/2015 8:30:00 PM	1153800.000	19.065	17.098	42.946
29782.570	35076.559	22.219	23.852	33.577
1.016				
12/14/2015 8:45:00 PM	1154700.000	19.057	17.099	42.929

29752.326	35040.391	22.194	23.827	33.611
1.016				
12/14/2015 9:00:00 PM	1155600.000	19.060	17.099	42.935
29779.262	35072.328	22.216	23.849	33.580
1.016				
12/14/2015 9:15:00 PM	1156500.000	19.062	17.099	42.939
29758.334	35047.258	22.199	23.832	33.604
1.016				
12/14/2015 9:30:00 PM	1157400.000	19.070	17.099	42.957
29773.623	35065.410	22.211	23.844	33.587
1.016				
12/14/2015 9:45:00 PM	1158300.000	19.065	17.099	42.946
29759.154	35047.949	22.199	23.833	33.603
1.016				
12/14/2015 10:00:00 PM	1159200.000	19.065	17.100	42.946
29793.398	35088.004	22.227	23.860	33.564
1.016				
12/14/2015 10:15:00 PM	1160100.000	19.067	17.098	42.951
29750.582	35039.031	22.193	23.827	33.613
1.016				
12/14/2015 10:30:00 PM	1161000.000	19.064	17.096	42.944
29791.658	35089.000	22.228	23.861	33.566
1.016				
12/14/2015 10:45:00 PM	1161900.000	19.068	17.091	42.952
29728.900	35018.617	22.178	23.813	33.637
1.016				
12/14/2015 11:00:00 PM	1162800.000	19.063	17.082	42.941
29745.326	35045.629	22.197	23.831	33.619
1.016				
12/14/2015 11:15:00 PM	1163700.000	19.054	17.079	42.921
29724.287	35022.574	22.181	23.815	33.643
1.016				
12/14/2015 11:30:00 PM	1164600.000	19.051	17.081	42.914
29751.109	35053.348	22.202	23.836	33.612
1.016				
12/14/2015 11:45:00 PM	1165500.000	19.064	17.082	42.943
29742.719	35042.418	22.195	23.829	33.622
1.016				
12/15/2015 12:00:00 AM	1166400.000	19.058	17.082	42.930
29725.479	35021.906	22.180	23.815	33.641
1.016				
12/15/2015 12:15:00 AM	1167300.000	19.056	17.084	42.925
29729.418	35025.023	22.183	23.817	33.637
1.016				
12/15/2015 12:30:00 AM	1168200.000	19.059	17.086	42.932
29730.941	35025.098	22.183	23.817	33.635
1.016				
12/15/2015 12:45:00 AM	1169100.000	19.051	17.086	42.915
29737.100	35032.215	22.188	23.822	33.628
1.016				
12/15/2015 1:00:00 AM	1170000.000	19.050	17.085	42.913
29732.225	35027.367	22.184	23.819	33.634
1.016				
12/15/2015 1:15:00 AM	1170900.000	19.051	17.087	42.913
29758.986	35057.859	22.206	23.839	33.603
1.016				

12/15/2015 1:30:00 AM	1171800.000	19.053	17.086	42.919
29732.969	35027.895	22.185	23.819	33.633
1.016				
12/15/2015 1:45:00 AM	1172700.000	19.055	17.089	42.923
29735.824	35028.836	22.185	23.820	33.629
1.016				
12/15/2015 2:00:00 AM	1173600.000	19.058	17.087	42.930
29712.307	35002.867	22.167	23.802	33.656
1.016				
12/15/2015 2:15:00 AM	1174500.000	19.052	17.086	42.917
29732.256	35026.570	22.184	23.818	33.634
1.016				
12/15/2015 2:30:00 AM	1175400.000	19.060	17.088	42.935
29742.631	35037.273	22.191	23.825	33.622
1.016				
12/15/2015 2:45:00 AM	1176300.000	19.053	17.089	42.919
29729.725	35021.508	22.180	23.815	33.636
1.016				
12/15/2015 3:00:00 AM	1177200.000	19.051	17.090	42.913
29721.586	35011.094	22.173	23.808	33.646
1.016				
12/15/2015 3:15:00 AM	1178100.000	19.052	17.090	42.917
29740.410	35033.070	22.188	23.822	33.624
1.016				
12/15/2015 3:30:00 AM	1179000.000	19.062	17.089	42.939
29720.924	35010.809	22.173	23.807	33.646
1.016				
12/15/2015 3:45:00 AM	1179900.000	19.049	17.091	42.911
29739.867	35032.082	22.188	23.822	33.625
1.016				
12/15/2015 4:00:00 AM	1180800.000	19.055	17.090	42.923
29728.471	35018.863	22.179	23.813	33.638
1.016				
12/15/2015 4:15:00 AM	1181700.000	19.055	17.089	42.924
29728.816	35020.027	22.179	23.814	33.637
1.016				
12/15/2015 4:30:00 AM	1182600.000	19.053	17.089	42.920
29716.248	35005.363	22.169	23.804	33.652
1.016				
12/15/2015 4:45:00 AM	1183500.000	19.055	17.090	42.923
29729.102	35019.816	22.179	23.813	33.637
1.016				
12/15/2015 5:00:00 AM	1184400.000	19.060	17.091	42.934
29716.297	35004.457	22.169	23.803	33.652
1.016				
12/15/2015 5:15:00 AM	1185300.000	19.046	17.091	42.902
29707.092	34993.477	22.161	23.796	33.662
1.016				
12/15/2015 5:30:00 AM	1186200.000	19.053	17.092	42.919
29741.789	35033.371	22.189	23.823	33.623
1.016				
12/15/2015 5:45:00 AM	1187100.000	19.047	17.092	42.906
29714.416	35001.340	22.166	23.801	33.654
1.016				
12/15/2015 6:00:00 AM	1188000.000	19.052	17.093	42.917
29740.344	35030.840	22.187	23.821	33.624

1.016					
12/15/2015 6:15:00 AM	1188900.000	19.055	17.093	42.922	
29733.814	35023.289	22.182	23.816	33.632	
1.016					
12/15/2015 6:30:00 AM	1189800.000	19.045	17.093	42.901	
29734.250	35023.457	22.182	23.816	33.631	
1.016					
12/15/2015 6:45:00 AM	1190700.000	19.053	17.094	42.918	
29713.703	34998.914	22.165	23.799	33.655	
1.016					
12/15/2015 7:00:00 AM	1191600.000	19.058	17.093	42.931	
29739.164	35029.246	22.186	23.820	33.626	
1.016					
12/15/2015 7:15:00 AM	1192500.000	19.050	17.095	42.913	
29707.037	34990.234	22.159	23.793	33.662	
1.016					
12/15/2015 7:30:00 AM	1193400.000	19.045	17.095	42.902	
29745.459	35035.008	22.190	23.824	33.619	
1.016					
12/15/2015 7:45:00 AM	1194300.000	19.046	17.096	42.904	
29732.709	35019.773	22.179	23.813	33.633	
1.016					
12/15/2015 8:00:00 AM	1195200.000	19.045	17.095	42.902	
29727.322	35013.570	22.175	23.809	33.639	
1.016					
12/15/2015 8:15:00 AM	1196100.000	19.041	17.091	42.892	
29716.416	35004.316	22.168	23.803	33.651	
1.016					
12/15/2015 8:30:00 AM	1197000.000	19.046	17.091	42.904	
29721.563	35010.172	22.173	23.807	33.646	
1.016					
12/15/2015 8:45:00 AM	1197900.000	19.041	17.090	42.893	
29726.510	35016.625	22.177	23.811	33.640	
1.016					
12/15/2015 9:00:00 AM	1198800.000	19.042	17.087	42.894	
29709.309	34999.336	22.165	23.800	33.659	
1.016					
12/15/2015 9:15:00 AM	1199700.000	19.050	17.084	42.912	
29722.055	35016.285	22.177	23.811	33.645	
1.016					
12/15/2015 9:30:00 AM	1200600.000	19.045	17.086	42.901	
29732.143	35027.059	22.184	23.818	33.634	
1.016					
12/15/2015 9:45:00 AM	1201500.000	19.048	17.086	42.908	
29734.000	35028.625	22.185	23.819	33.632	
1.016					
12/15/2015 10:00:00 AM	1202400.000	19.042	17.086	42.894	
29717.473	35009.559	22.172	23.807	33.650	
1.016					
12/15/2015 10:15:00 AM	1203300.000	19.049	17.085	42.909	
29699.877	34989.258	22.158	23.793	33.670	
1.016					
12/15/2015 10:30:00 AM	1204200.000	19.037	17.086	42.883	
29736.035	35031.301	22.187	23.821	33.629	
1.016					
12/15/2015 10:45:00 AM	1205100.000	19.045	17.086	42.900	

29690.711	34977.762	22.150	23.785	33.681
1.016				
12/15/2015 11:00:00 AM	1206000.000	19.043	17.087	42.895
29712.000	35001.953	22.167	23.801	33.656
1.016				
12/15/2015 11:15:00 AM	1206900.000	19.044	17.087	42.899
29711.191	35001.410	22.166	23.801	33.657
1.016				
12/15/2015 11:30:00 AM	1207800.000	19.045	17.088	42.901
29728.363	35021.020	22.180	23.814	33.638
1.016				
12/15/2015 11:45:00 AM	1208700.000	19.040	17.086	42.889
29714.650	35006.109	22.169	23.804	33.653
1.016				
12/15/2015 12:00:00 PM	1209600.000	19.043	17.087	42.895
29710.871	35000.887	22.166	23.801	33.658
1.016				
12/15/2015 12:15:00 PM	1210500.000	19.036	17.089	42.880
29749.697	35045.387	22.197	23.831	33.614
1.016				
12/15/2015 12:30:00 PM	1211400.000	19.035	17.089	42.878
29718.320	35008.426	22.171	23.806	33.649
1.016				
12/15/2015 12:45:00 PM	1212300.000	19.040	17.089	42.890
29709.287	34997.238	22.163	23.798	33.660
1.016				
12/15/2015 1:00:00 PM	1213200.000	19.043	17.090	42.895
29711.203	34999.004	22.165	23.799	33.657
1.016				
12/15/2015 1:15:00 PM	1214100.000	19.039	17.088	42.888
29691.631	34977.609	22.150	23.785	33.680
1.016				
12/15/2015 1:30:00 PM	1215000.000	19.035	17.088	42.879
29724.316	35015.699	22.176	23.811	33.642
1.016				
12/15/2015 1:45:00 PM	1215900.000	19.032	17.091	42.871
29732.938	35023.984	22.182	23.816	33.633
1.016				
12/15/2015 2:00:00 PM	1216800.000	19.038	17.090	42.884
29732.658	35024.277	22.182	23.817	33.633
1.016				
12/15/2015 2:15:00 PM	1217700.000	19.035	17.090	42.878
29734.998	35027.031	22.184	23.818	33.630
1.016				
12/15/2015 2:30:00 PM	1218600.000	19.041	17.090	42.893
29744.375	35037.738	22.192	23.826	33.620
1.016				
12/15/2015 2:45:00 PM	1219500.000	19.037	17.089	42.882
29715.646	35004.730	22.169	23.803	33.652
1.016				
12/15/2015 3:00:00 PM	1220400.000	19.031	17.090	42.870
29706.836	34993.789	22.161	23.796	33.662
1.016				
12/15/2015 3:15:00 PM	1221300.000	19.033	17.090	42.873
29734.326	35026.172	22.184	23.818	33.631
1.016				

12/15/2015 3:30:00 PM	1222200.000	19.036	17.090	42.880
29741.490	35034.270	22.189	23.823	33.623
1.016				
12/15/2015 3:45:00 PM	1223100.000	19.033	17.092	42.874
29740.936	35032.574	22.188	23.822	33.624
1.016				
12/15/2015 4:00:00 PM	1224000.000	19.030	17.091	42.867
29712.770	34999.742	22.165	23.800	33.656
1.016				
12/15/2015 4:15:00 PM	1224900.000	19.033	17.090	42.873
29734.264	35025.688	22.183	23.817	33.631
1.016				
12/15/2015 4:30:00 PM	1225800.000	19.028	17.090	42.863
29733.525	35024.957	22.183	23.817	33.632
1.016				
12/15/2015 4:45:00 PM	1226700.000	19.028	17.089	42.863
29708.793	34996.520	22.163	23.798	33.660
1.016				
12/15/2015 5:00:00 PM	1227600.000	19.028	17.091	42.861
29726.771	35016.234	22.177	23.811	33.640
1.016				
12/15/2015 5:15:00 PM	1228500.000	19.028	17.091	42.862
29739.941	35032.234	22.188	23.822	33.625
1.016				
12/15/2015 5:30:00 PM	1229400.000	19.027	17.091	42.860
29731.238	35022.055	22.181	23.815	33.635
1.016				
12/15/2015 5:45:00 PM	1230300.000	19.027	17.089	42.860
29730.715	35022.613	22.181	23.815	33.635
1.016				
12/15/2015 6:00:00 PM	1231200.000	19.024	17.091	42.853
29731.004	35021.293	22.180	23.814	33.635
1.016				
12/15/2015 6:15:00 PM	1232100.000	19.030	17.091	42.867
29727.432	35017.293	22.177	23.812	33.639
1.016				
12/15/2015 6:30:00 PM	1233000.000	19.027	17.091	42.861
29752.330	35046.828	22.198	23.832	33.611
1.016				
12/15/2015 6:45:00 PM	1233900.000	19.023	17.092	42.852
29724.764	35013.602	22.175	23.809	33.642
1.016				
12/15/2015 7:00:00 PM	1234800.000	19.024	17.092	42.853
29739.945	35031.484	22.187	23.821	33.625
1.016				
12/15/2015 7:15:00 PM	1235700.000	19.026	17.093	42.858
29716.479	35003.086	22.168	23.802	33.651
1.016				
12/15/2015 7:30:00 PM	1236600.000	19.028	17.093	42.862
29744.672	35035.805	22.190	23.824	33.619
1.016				
12/15/2015 7:45:00 PM	1237500.000	19.024	17.094	42.853
29738.539	35028.027	22.185	23.819	33.626
1.016				
12/15/2015 8:00:00 PM	1238400.000	19.020	17.095	42.845
29727.123	35014.035	22.175	23.810	33.639

1.016				
12/15/2015 8:15:00 PM	1239300.000	19.020	17.095	42.845
29726.031	35012.668	22.174	23.809	33.641
1.016				
12/15/2015 8:30:00 PM	1240200.000	19.020	17.095	42.845
29740.211	35028.883	22.186	23.820	33.625
1.016				
12/15/2015 8:45:00 PM	1241100.000	19.022	17.096	42.848
29752.463	35042.559	22.195	23.829	33.611
1.016				
12/15/2015 9:00:00 PM	1242000.000	19.025	17.095	42.856
29729.764	35016.719	22.177	23.811	33.636
1.016				
12/15/2015 9:15:00 PM	1242900.000	19.020	17.091	42.844
29730.225	35020.582	22.180	23.814	33.636
1.016				
12/15/2015 9:30:00 PM	1243800.000	19.023	17.088	42.851
29738.947	35033.207	22.188	23.823	33.626
1.016				
12/15/2015 9:45:00 PM	1244700.000	19.014	17.082	42.831
29715.889	35010.539	22.172	23.807	33.652
1.016				
12/15/2015 10:00:00 PM	1245600.000	19.016	17.082	42.834
29727.213	35024.367	22.182	23.817	33.639
1.016				
12/15/2015 10:15:00 PM	1246500.000	19.022	17.080	42.849
29705.604	35000.289	22.165	23.800	33.664
1.016				
12/15/2015 10:30:00 PM	1247400.000	19.015	17.080	42.834
29686.213	34977.305	22.149	23.785	33.686
1.016				
12/15/2015 10:45:00 PM	1248300.000	19.016	17.079	42.836
29733.396	35033.375	22.188	23.823	33.632
1.016				
12/15/2015 11:00:00 PM	1249200.000	19.014	17.081	42.831
29697.377	34990.039	22.158	23.793	33.673
1.016				
12/15/2015 11:15:00 PM	1250100.000	19.012	17.082	42.827
29706.098	34998.789	22.164	23.799	33.663
1.016				
12/15/2015 11:30:00 PM	1251000.000	19.013	17.084	42.829
29699.439	34990.117	22.158	23.793	33.671
1.016				
12/15/2015 11:45:00 PM	1251900.000	19.013	17.084	42.829
29700.432	34990.602	22.159	23.794	33.670
1.016				
12/16/2015 12:00:00 AM	1252800.000	19.013	17.086	42.828
29720.383	35012.793	22.174	23.809	33.647
1.016				
12/16/2015 12:15:00 AM	1253700.000	19.017	17.087	42.837
29724.330	35016.543	22.177	23.811	33.642
1.016				
12/16/2015 12:30:00 AM	1254600.000	19.016	17.088	42.835
29711.594	35000.980	22.166	23.801	33.657
1.016				
12/16/2015 12:45:00 AM	1255500.000	19.006	17.087	42.812

29687.678	34973.434	22.147	23.782	33.684
1.016				
12/16/2015 1:00:00 AM	1256400.000	19.013	17.087	42.828
29693.508	34980.234	22.151	23.787	33.677
1.016				
12/16/2015 1:15:00 AM	1257300.000	19.011	17.089	42.824
29723.689	35014.684	22.176	23.810	33.643
1.016				
12/16/2015 1:30:00 AM	1258200.000	19.016	17.088	42.835
29709.076	34998.082	22.164	23.799	33.660
1.016				
12/16/2015 1:45:00 AM	1259100.000	19.013	17.087	42.828
29706.369	34995.246	22.162	23.797	33.663
1.016				
12/16/2015 2:00:00 AM	1260000.000	19.015	17.087	42.834
29715.531	35006.590	22.170	23.804	33.652
1.016				
12/16/2015 2:15:00 AM	1260900.000	19.014	17.087	42.830
29699.252	34987.344	22.156	23.791	33.671
1.016				
12/16/2015 2:30:00 AM	1261800.000	19.014	17.087	42.831
29699.186	34986.988	22.156	23.791	33.671
1.016				
12/16/2015 2:45:00 AM	1262700.000	19.007	17.087	42.815
29697.721	34985.395	22.155	23.790	33.673
1.016				
12/16/2015 3:00:00 AM	1263600.000	19.012	17.087	42.827
29685.828	34971.320	22.145	23.780	33.686
1.016				
12/16/2015 3:15:00 AM	1264500.000	19.009	17.080	42.819
29702.107	34995.691	22.162	23.797	33.668
1.016				
12/16/2015 3:30:00 AM	1265400.000	19.005	17.077	42.811
29691.064	34985.230	22.155	23.790	33.680
1.016				
12/16/2015 3:45:00 AM	1266300.000	19.006	17.079	42.812
29686.967	34979.297	22.150	23.786	33.685
1.016				
12/16/2015 4:00:00 AM	1267200.000	19.002	17.076	42.804
29667.771	34958.535	22.136	23.772	33.707
1.016				
12/16/2015 4:15:00 AM	1268100.000	19.009	17.078	42.819
29698.238	34993.402	22.160	23.796	33.672
1.016				
12/16/2015 4:30:00 AM	1269000.000	19.004	17.078	42.808
29645.387	34930.574	22.116	23.753	33.732
1.016				
12/16/2015 4:45:00 AM	1269900.000	19.005	17.081	42.811
29687.414	34978.301	22.150	23.785	33.684
1.016				
12/16/2015 5:00:00 AM	1270800.000	19.003	17.080	42.805
29677.275	34966.563	22.142	23.777	33.696
1.016				
12/16/2015 5:15:00 AM	1271700.000	19.004	17.080	42.808
29672.959	34961.617	22.138	23.774	33.701
1.016				

12/16/2015 5:30:00 AM	1272600.000	19.004	17.080	42.808
29674.795	34963.711	22.140	23.775	33.699
1.016				
12/16/2015 5:45:00 AM	1273500.000	19.001	17.081	42.801
29687.785	34978.258	22.150	23.785	33.684
1.016				
12/16/2015 6:00:00 AM	1274400.000	19.008	17.083	42.817
29682.566	34970.785	22.145	23.780	33.690
1.016				
12/16/2015 6:15:00 AM	1275300.000	18.999	17.083	42.797
29677.746	34965.320	22.141	23.776	33.695
1.016				
12/16/2015 6:30:00 AM	1276200.000	19.000	17.084	42.800
29658.742	34941.965	22.125	23.761	33.717
1.016				
12/16/2015 6:45:00 AM	1277100.000	18.999	17.082	42.797
29679.135	34967.234	22.142	23.778	33.694
1.016				
12/16/2015 7:00:00 AM	1278000.000	18.998	17.084	42.794
29710.010	35002.570	22.167	23.802	33.659
1.016				
12/16/2015 7:15:00 AM	1278900.000	19.004	17.085	42.809
29680.371	34966.691	22.142	23.777	33.692
1.016				
12/16/2015 7:30:00 AM	1279800.000	18.998	17.083	42.795
29680.248	34967.719	22.143	23.778	33.692
1.016				
12/16/2015 7:45:00 AM	1280700.000	18.995	17.083	42.789
29663.586	34947.957	22.129	23.765	33.711
1.016				
12/16/2015 8:00:00 AM	1281600.000	18.992	17.084	42.781
29674.252	34960.238	22.137	23.773	33.699
1.016				
12/16/2015 8:15:00 AM	1282500.000	18.995	17.084	42.789
29690.627	34979.457	22.151	23.786	33.681
1.016				
12/16/2015 8:30:00 AM	1283400.000	18.995	17.085	42.789
29685.824	34972.703	22.146	23.781	33.686
1.016				
12/16/2015 8:45:00 AM	1284300.000	18.993	17.084	42.784
29675.045	34960.832	22.138	23.773	33.698
1.016				
12/16/2015 9:00:00 AM	1285200.000	18.992	17.085	42.781
29662.098	34944.676	22.127	23.762	33.713
1.016				
12/16/2015 9:15:00 AM	1286100.000	18.995	17.084	42.787
29676.125	34962.309	22.139	23.774	33.697
1.016				
12/16/2015 9:30:00 AM	1287000.000	18.991	17.086	42.779
29673.203	34957.621	22.136	23.771	33.700
1.016				
12/16/2015 9:45:00 AM	1287900.000	18.994	17.084	42.787
29706.477	34997.992	22.164	23.799	33.663
1.016				
12/16/2015 10:00:00 AM	1288800.000	18.992	17.084	42.782
29673.723	34959.684	22.137	23.773	33.700

1.016					
12/16/2015 10:15:00 AM	1289700.000	18.993	17.083	42.783	
29670.949	34956.695	22.135	23.771	33.703	
1.016					
12/16/2015 10:30:00 AM	1290600.000	18.990	17.084	42.776	
29704.416	34995.703	22.162	23.797	33.665	
1.016					
12/16/2015 10:45:00 AM	1291500.000	18.988	17.085	42.773	
29687.846	34975.359	22.148	23.783	33.684	
1.016					
12/16/2015 11:00:00 AM	1292400.000	18.985	17.085	42.767	
29667.313	34951.031	22.131	23.767	33.707	
1.016					
12/16/2015 11:15:00 AM	1293300.000	18.988	17.084	42.772	
29675.131	34961.344	22.138	23.774	33.698	
1.016					
12/16/2015 11:30:00 AM	1294200.000	18.987	17.085	42.771	
29684.924	34971.918	22.146	23.781	33.687	
1.016					
12/16/2015 11:45:00 AM	1295100.000	18.985	17.084	42.767	
29690.938	34979.344	22.151	23.786	33.680	
1.016					
12/16/2015 12:00:00 PM	1296000.000	18.988	17.084	42.773	
29703.936	34995.070	22.162	23.797	33.666	
1.016					
12/16/2015 12:15:00 PM	1296900.000	18.988	17.082	42.771	
29676.553	34964.465	22.140	23.776	33.697	
1.016					
12/16/2015 12:30:00 PM	1297800.000	18.983	17.084	42.760	
29681.426	34968.348	22.143	23.778	33.691	
1.016					
12/16/2015 12:45:00 PM	1298700.000	18.985	17.085	42.766	
29690.594	34978.875	22.150	23.786	33.681	
1.016					
12/16/2015 1:00:00 PM	1299600.000	18.984	17.084	42.763	
29698.498	34988.461	22.157	23.792	33.672	
1.016					
12/16/2015 1:15:00 PM	1300500.000	18.979	17.085	42.752	
29698.438	34987.563	22.157	23.792	33.672	
1.016					
12/16/2015 1:30:00 PM	1301400.000	18.987	17.085	42.771	
29711.809	35003.867	22.168	23.803	33.657	
1.016					
12/16/2015 1:45:00 PM	1302300.000	18.981	17.085	42.758	
29675.150	34960.465	22.138	23.773	33.698	
1.016					
12/16/2015 2:00:00 PM	1303200.000	18.985	17.085	42.765	
29701.617	34991.379	22.159	23.794	33.668	
1.016					
12/16/2015 2:15:00 PM	1304100.000	18.980	17.086	42.754	
29717.840	35009.723	22.172	23.807	33.650	
1.016					
12/16/2015 2:30:00 PM	1305000.000	18.977	17.085	42.748	
29677.531	34963.137	22.139	23.775	33.696	
1.016					
12/16/2015 2:45:00 PM	1305900.000	18.985	17.086	42.765	

29698.191	34986.441	22.156	23.791	33.672
1.016				
12/16/2015 3:00:00 PM	1306800.000	18.984	17.087	42.763
29678.580	34962.918	22.139	23.775	33.694
1.016				
12/16/2015 3:15:00 PM	1307700.000	18.979	17.087	42.753
29701.178	34989.469	22.158	23.793	33.669
1.016				
12/16/2015 3:30:00 PM	1308600.000	18.979	17.086	42.751
29699.107	34987.379	22.156	23.791	33.671
1.016				
12/16/2015 3:45:00 PM	1309500.000	18.976	17.085	42.746
29693.039	34981.129	22.152	23.787	33.678
1.016				
12/16/2015 4:00:00 PM	1310400.000	18.980	17.086	42.755
29693.475	34980.957	22.152	23.787	33.677
1.016				
12/16/2015 4:15:00 PM	1311300.000	18.975	17.087	42.744
29704.754	34993.895	22.161	23.796	33.665
1.016				
12/16/2015 4:30:00 PM	1312200.000	18.974	17.087	42.740
29717.463	35008.723	22.171	23.806	33.650
1.016				
12/16/2015 4:45:00 PM	1313100.000	18.974	17.086	42.740
29697.906	34986.238	22.156	23.791	33.672
1.016				
12/16/2015 5:00:00 PM	1314000.000	18.975	17.086	42.742
29711.883	35003.125	22.167	23.802	33.657
1.016				
12/16/2015 5:15:00 PM	1314900.000	18.968	17.086	42.728
29738.311	35033.984	22.189	23.823	33.627
1.016				
12/16/2015 5:30:00 PM	1315800.000	18.974	17.086	42.740
29682.641	34968.059	22.143	23.778	33.690
1.016				
12/16/2015 5:45:00 PM	1316700.000	18.969	17.087	42.730
29705.582	34994.727	22.162	23.796	33.664
1.016				
12/16/2015 6:00:00 PM	1317600.000	18.969	17.086	42.729
29697.525	34985.789	22.155	23.790	33.673
1.016				
12/16/2015 6:15:00 PM	1318500.000	18.968	17.086	42.728
29702.967	34992.621	22.160	23.795	33.667
1.016				
12/16/2015 6:30:00 PM	1319400.000	18.971	17.086	42.734
29715.324	35007.105	22.170	23.805	33.653
1.016				
12/16/2015 6:45:00 PM	1320300.000	18.967	17.086	42.724
29715.816	35007.762	22.171	23.805	33.652
1.016				
12/16/2015 7:00:00 PM	1321200.000	18.968	17.088	42.727
29706.871	34995.563	22.162	23.797	33.662
1.016				
12/16/2015 7:15:00 PM	1322100.000	18.970	17.086	42.731
29719.045	35011.563	22.173	23.808	33.648
1.016				

12/16/2015 7:30:00 PM	1323000.000	18.964	17.085	42.719
29677.072	34962.258	22.139	23.774	33.696
1.016				
12/16/2015 7:45:00 PM	1323900.000	18.967	17.087	42.725
29697.596	34985.535	22.155	23.790	33.673
1.016				
12/16/2015 8:00:00 PM	1324800.000	18.966	17.086	42.722
29705.355	34995.500	22.162	23.797	33.664
1.016				
12/16/2015 8:15:00 PM	1325700.000	18.968	17.086	42.728
29726.809	35020.227	22.179	23.814	33.640
1.016				
12/16/2015 8:30:00 PM	1326600.000	18.963	17.088	42.715
29705.189	34993.371	22.161	23.795	33.664
1.016				
12/16/2015 8:45:00 PM	1327500.000	18.965	17.088	42.720
29714.246	35003.703	22.168	23.803	33.654
1.016				
12/16/2015 9:00:00 PM	1328400.000	18.963	17.089	42.715
29741.793	35036.074	22.190	23.825	33.623
1.016				
12/16/2015 9:15:00 PM	1329300.000	18.960	17.090	42.710
29694.459	34979.141	22.151	23.786	33.676
1.016				
12/16/2015 9:30:00 PM	1330200.000	18.964	17.090	42.719
29710.877	34998.617	22.164	23.799	33.658
1.016				
12/16/2015 9:45:00 PM	1331100.000	18.960	17.091	42.710
29705.768	34991.773	22.160	23.794	33.663
1.016				
12/16/2015 10:00:00 PM	1332000.000	18.964	17.091	42.718
29709.891	34996.492	22.163	23.798	33.659
1.016				
12/16/2015 10:15:00 PM	1332900.000	18.959	17.087	42.708
29729.541	35022.750	22.181	23.815	33.637
1.016				
12/16/2015 10:30:00 PM	1333800.000	18.960	17.081	42.710
29689.080	34979.504	22.151	23.786	33.682
1.016				
12/16/2015 10:45:00 PM	1334700.000	18.960	17.078	42.709
29712.477	35009.980	22.172	23.807	33.656
1.016				
12/16/2015 11:00:00 PM	1335600.000	18.959	17.077	42.708
29696.656	34992.090	22.159	23.795	33.674
1.016				
12/16/2015 11:15:00 PM	1336500.000	18.958	17.077	42.705
29701.383	34997.730	22.163	23.798	33.668
1.016				
12/16/2015 11:30:00 PM	1337400.000	18.959	17.078	42.706
29694.984	34989.090	22.157	23.793	33.676
1.016				
12/16/2015 11:45:00 PM	1338300.000	18.957	17.079	42.703
29697.146	34991.016	22.159	23.794	33.673
1.016				

Report Date: 12/18/2015 1:47:47 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4D Pre Test_2015-12-17_13-15-24-756.wsl
Create Date: 12/17/2015 1:14:36 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(%): 3
Used Battery(%): 3

Log Configuration

Log Name: MPWSP MW-4D Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 6:11:47 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 6:15:00 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: 271.546 (ft)
Head Pressure: 120.548 (PSI)
Temperature: 20.4148 (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 6:12:00 PM	Used Battery: 3% Used Memory: 6% User Name: nreynolds
3/20/2015 2:49:07 PM	Log Download - Used Battery: 3% Used Memory: 6% User Name: GSSI
3/27/2015 12:53:55 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: GSSI
4/3/2015 2:51:11 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/8/2015 1:53:10 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/10/2015 11:29:19 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/17/2015 11:35:37 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/24/2015 11:18:08 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: JSobolew
4/30/2015 3:06:21 PM	Log Download - Used Battery: 5% Used Memory: 10% User Name: GSSI
5/7/2015 8:09:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 3:00:00 PM
5/14/2015 4:56:40 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte
5/21/2015 12:10:59 PM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw
5/28/2015 8:24:45 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 8:00:00 AM
6/4/2015 1:11:43 PM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:50:56 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:51:21 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 1:00:00 PM
6/11/2015 7:20:33 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/8/2015 7:45:00 AM
6/17/2015 8:18:07 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 12:00:00 PM
6/18/2015 9:14:06 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw
6/25/2015 9:25:21 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 7:15:00 AM
7/2/2015 1:07:51 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 10:04:53 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: BDuarte
7/16/2015 1:23:49 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: CShaw
7/23/2015 5:05:36 PM	Log Download - Used Battery: 10% Used Memory: 20% User Name: KMakar
7/30/2015 11:32:36 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/9/2015 10:00:00 AM
8/6/2015 6:22:24 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/1/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 2:04:11 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 5:00:00 PM
8/20/2015 12:00:21 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 11:30:00 AM
8/27/2015 12:42:28 PM	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 12:40:00 PM
9/3/2015 6:29:41 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:15:00 PM
9/10/2015 11:57:05 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:55:00 AM
9/17/2015 11:20:16 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 11:20:00 AM
9/24/2015 6:34:44 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 6:30:00 PM
10/1/2015 2:35:46 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:30:00 PM
10/8/2015 5:13:21 PM	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 6:00:00 PM
10/15/2015 1:51:13 PM	Log Download - Used Battery: 14% Used Memory: 31% User Name: KMakar Interval - Start

Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:50:00 PM
 10/22/2015 5:37:36 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 6:30:00 PM
 10/29/2015 3:55:13 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:50:00 PM
 11/5/2015 2:55:45 PM Log Download - Used Battery: 15% Used Memory: 32% 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 5:48:20 PM Log Download - Used Battery: 15% Used Memory: 34% 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 5:48:42 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 5:50:00 PM
 11/19/2015 3:51:21 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:50:00 PM
 11/29/2015 10:25:59 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:15:00 AM
 12/3/2015 11:38:11 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 11:35:00 AM
 12/10/2015 4:06:30 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 4:45:00 PM
 12/17/2015 1:16:47 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:15:00 PM

Log Data:

Record Count: 1541

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	
Elapsed Time	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547
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)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity	
(ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	120.049	20.370	270.423	
36792.879	40361.918	26.074	27.446	27.179	
1.018					
12/10/2015 12:15:00 AM	735300.000	120.039	20.370	270.400	
36765.207	40331.926	26.052	27.426	27.200	
1.018					
12/10/2015 12:30:00 AM	736200.000	120.043	20.376	270.408	
36799.988	40365.047	26.076	27.448	27.174	
1.018					
12/10/2015 12:45:00 AM	737100.000	120.038	20.378	270.396	
36815.902	40380.656	26.087	27.459	27.162	
1.018					
12/10/2015 1:00:00 AM	738000.000	120.042	20.380	270.405	
36803.832	40365.574	26.077	27.449	27.171	
1.018					

12/10/2015 1:15:00 AM	738900.000	120.026	20.376	270.369
36800.879	40365.883	26.077	27.449	27.173
1.018				
12/10/2015 1:30:00 AM	739800.000	120.051	20.373	270.427
36797.176	40364.109	26.075	27.448	27.176
1.018				
12/10/2015 1:45:00 AM	740700.000	120.018	20.374	270.352
36815.301	40383.625	26.089	27.461	27.163
1.018				
12/10/2015 2:00:00 AM	741600.000	120.027	20.376	270.372
36817.246	40384.203	26.090	27.461	27.161
1.018				
12/10/2015 2:15:00 AM	742500.000	120.012	20.371	270.339
36769.652	40335.840	26.055	27.428	27.196
1.018				
12/10/2015 2:30:00 AM	743400.000	120.028	20.369	270.375
36799.137	40369.738	26.079	27.451	27.175
1.018				
12/10/2015 2:45:00 AM	744300.000	119.996	20.373	270.304
36785.082	40351.367	26.066	27.439	27.185
1.018				
12/10/2015 3:00:00 AM	745200.000	120.014	20.372	270.343
36796.574	40364.270	26.075	27.448	27.176
1.018				
12/10/2015 3:15:00 AM	746100.000	120.012	20.375	270.339
36784.508	40348.738	26.064	27.437	27.185
1.018				
12/10/2015 3:30:00 AM	747000.000	120.002	20.377	270.316
36809.172	40374.320	26.083	27.455	27.167
1.018				
12/10/2015 3:45:00 AM	747900.000	119.990	20.377	270.289
36799.273	40363.230	26.075	27.447	27.174
1.018				
12/10/2015 4:00:00 AM	748800.000	120.003	20.375	270.319
36803.297	40369.715	26.079	27.451	27.171
1.018				
12/10/2015 4:15:00 AM	749700.000	120.009	20.371	270.333
36812.578	40383.375	26.089	27.461	27.165
1.018				
12/10/2015 4:30:00 AM	750600.000	120.017	20.370	270.349
36807.219	40377.574	26.085	27.457	27.169
1.018				
12/10/2015 4:45:00 AM	751500.000	120.048	20.369	270.420
36802.051	40373.086	26.082	27.454	27.172
1.018				
12/10/2015 5:00:00 AM	752400.000	120.035	20.370	270.390
36787.820	40356.730	26.070	27.443	27.183
1.018				
12/10/2015 5:15:00 AM	753300.000	120.052	20.373	270.428
36785.578	40351.387	26.066	27.439	27.185
1.018				
12/10/2015 5:30:00 AM	754200.000	120.095	20.374	270.525
36795.395	40361.352	26.073	27.446	27.177
1.018				
12/10/2015 5:45:00 AM	755100.000	120.072	20.374	270.474
36798.992	40365.367	26.076	27.448	27.175
1.018				
12/10/2015 6:00:00 AM	756000.000	120.116	20.373	270.573

36783.164	40349.109	26.065	27.437	27.186
1.018				
12/10/2015 6:15:00 AM	756900.000	120.149	20.367	270.648
36790.773	40362.266	26.074	27.446	27.181
1.018				
12/10/2015 6:30:00 AM	757800.000	120.148	20.368	270.644
36794.371	40365.770	26.076	27.449	27.178
1.018				
12/10/2015 6:45:00 AM	758700.000	120.159	20.362	270.669
36789.711	40365.250	26.076	27.448	27.182
1.018				
12/10/2015 7:00:00 AM	759600.000	120.190	20.363	270.740
36779.641	40353.461	26.067	27.440	27.189
1.018				
12/10/2015 7:15:00 AM	760500.000	120.204	20.368	270.771
36806.254	40378.953	26.086	27.458	27.169
1.018				
12/10/2015 7:30:00 AM	761400.000	120.230	20.367	270.831
36805.160	40378.645	26.086	27.457	27.170
1.018				
12/10/2015 7:45:00 AM	762300.000	120.257	20.367	270.892
36794.934	40367.199	26.077	27.450	27.178
1.018				
12/10/2015 8:00:00 AM	763200.000	120.290	20.368	270.965
36794.832	40365.906	26.076	27.449	27.178
1.018				
12/10/2015 8:15:00 AM	764100.000	120.300	20.370	270.988
36783.980	40352.082	26.067	27.439	27.186
1.018				
12/10/2015 8:30:00 AM	765000.000	120.331	20.370	271.058
36762.434	40328.965	26.050	27.424	27.202
1.018				
12/10/2015 8:45:00 AM	765900.000	120.327	20.372	271.048
36784.160	40351.098	26.066	27.439	27.186
1.018				
12/10/2015 9:00:00 AM	766800.000	120.359	20.371	271.119
36791.203	40359.930	26.072	27.445	27.180
1.018				
12/10/2015 9:15:00 AM	767700.000	120.365	20.372	271.133
36774.414	40340.254	26.058	27.431	27.193
1.018				
12/10/2015 9:30:00 AM	768600.000	120.358	20.372	271.118
36771.289	40336.754	26.056	27.429	27.195
1.018				
12/10/2015 9:45:00 AM	769500.000	120.384	20.374	271.176
36771.965	40336.164	26.055	27.429	27.195
1.018				
12/10/2015 10:00:00 AM	770400.000	120.370	20.372	271.146
36758.664	40323.129	26.046	27.420	27.204
1.018				
12/10/2015 10:15:00 AM	771300.000	120.360	20.372	271.122
36797.324	40365.383	26.076	27.448	27.176
1.018				
12/10/2015 10:30:00 AM	772200.000	120.358	20.369	271.119
36762.078	40328.867	26.050	27.424	27.202
1.018				
12/10/2015 10:45:00 AM	773100.000	120.365	20.369	271.135
36774.199	40342.531	26.060	27.433	27.193

1.018					
12/10/2015 11:00:00 AM	774000.000	120.368	20.371	271.140	
36782.133	40349.461	26.065	27.438	27.187	
1.018					
12/10/2015 11:15:00 AM	774900.000	120.353	20.370	271.106	
36809.676	40380.566	26.087	27.459	27.167	
1.018					
12/10/2015 11:30:00 AM	775800.000	120.340	20.371	271.079	
36799.457	40368.465	26.078	27.451	27.174	
1.018					
12/10/2015 11:45:00 AM	776700.000	120.342	20.370	271.082	
36778.223	40345.992	26.062	27.435	27.190	
1.018					
12/10/2015 12:00:00 PM	777600.000	120.293	20.368	270.972	
36784.371	40354.582	26.068	27.441	27.185	
1.018					
12/10/2015 12:15:00 PM	778500.000	120.278	20.369	270.937	
36806.109	40377.535	26.085	27.457	27.169	
1.018					
12/10/2015 12:30:00 PM	779400.000	120.283	20.371	270.950	
36770.648	40336.793	26.056	27.429	27.196	
1.018					
12/10/2015 12:45:00 PM	780300.000	120.231	20.368	270.833	
36782.559	40352.230	26.067	27.440	27.187	
1.018					
12/10/2015 1:00:00 PM	781200.000	120.205	20.367	270.773	
36782.559	40353.848	26.068	27.441	27.187	
1.018					
12/10/2015 1:15:00 PM	782100.000	120.214	20.368	270.794	
36757.180	40324.969	26.047	27.421	27.206	
1.018					
12/10/2015 1:30:00 PM	783000.000	120.157	20.370	270.664	
36777.332	40345.383	26.062	27.435	27.191	
1.018					
12/10/2015 1:45:00 PM	783900.000	120.127	20.372	270.599	
36805.688	40374.559	26.083	27.455	27.170	
1.018					
12/10/2015 2:00:00 PM	784800.000	120.119	20.370	270.581	
36780.176	40348.430	26.064	27.437	27.189	
1.018					
12/10/2015 2:15:00 PM	785700.000	120.077	20.368	270.486	
36789.316	40359.645	26.072	27.445	27.182	
1.018					
12/10/2015 2:30:00 PM	786600.000	120.063	20.368	270.454	
36774.984	40344.504	26.061	27.434	27.192	
1.018					
12/10/2015 2:45:00 PM	787500.000	120.032	20.375	270.383	
36784.016	40348.277	26.064	27.437	27.186	
1.018					
12/10/2015 3:00:00 PM	788400.000	119.997	20.379	270.305	
36797.609	40359.707	26.072	27.445	27.176	
1.018					
12/10/2015 3:15:00 PM	789300.000	119.948	20.384	270.195	
36792.875	40350.742	26.066	27.439	27.179	
1.018					
12/10/2015 3:30:00 PM	790200.000	119.934	20.386	270.164	
36813.293	40371.355	26.081	27.453	27.164	
1.018					

12/10/2015 3:45:00 PM	791100.000	119.900	20.379	270.087
36799.273	40361.902	26.074	27.446	27.174
1.018				
12/10/2015 4:00:00 PM	792000.000	119.886	20.380	270.056
36756.406	40313.848	26.040	27.413	27.206
1.018				
12/10/2015 4:15:00 PM	792900.000	119.863	20.387	270.002
36834.414	40393.254	26.097	27.467	27.149
1.018				
12/10/2015 4:30:00 PM	793800.000	119.866	20.386	270.009
36794.082	40350.141	26.066	27.438	27.178
1.018				
12/10/2015 4:45:00 PM	794700.000	119.866	20.386	270.010
36826.270	40385.367	26.091	27.462	27.155
1.018				
12/10/2015 5:00:00 PM	795600.000	119.856	20.383	269.987
36802.828	40361.879	26.074	27.446	27.172
1.018				
12/10/2015 5:15:00 PM	796500.000	119.861	20.392	269.998
36799.988	40351.438	26.067	27.439	27.174
1.018				
12/10/2015 5:30:00 PM	797400.000	119.841	20.396	269.953
36809.059	40357.680	26.072	27.443	27.167
1.018				
12/10/2015 5:45:00 PM	798300.000	119.825	20.390	269.918
36808.023	40362.172	26.075	27.446	27.168
1.018				
12/10/2015 6:00:00 PM	799200.000	119.825	20.387	269.918
36759.176	40310.746	26.038	27.411	27.204
1.018				
12/10/2015 6:15:00 PM	800100.000	119.856	20.394	269.988
36825.223	40377.402	26.086	27.457	27.155
1.018				
12/10/2015 6:30:00 PM	801000.000	119.856	20.392	269.988
36825.480	40379.617	26.087	27.458	27.155
1.018				
12/10/2015 6:45:00 PM	801900.000	119.867	20.390	270.013
36779.180	40330.176	26.052	27.425	27.189
1.018				
12/10/2015 7:00:00 PM	802800.000	119.860	20.386	269.997
36790.914	40346.438	26.063	27.436	27.181
1.018				
12/10/2015 7:15:00 PM	803700.000	119.902	20.385	270.090
36796.176	40353.250	26.068	27.440	27.177
1.018				
12/10/2015 7:30:00 PM	804600.000	119.906	20.387	270.101
36798.598	40353.977	26.069	27.441	27.175
1.018				
12/10/2015 7:45:00 PM	805500.000	119.937	20.388	270.169
36816.367	40372.727	26.082	27.453	27.162
1.018				
12/10/2015 8:00:00 PM	806400.000	119.934	20.387	270.164
36799.594	40355.516	26.070	27.442	27.174
1.018				
12/10/2015 8:15:00 PM	807300.000	119.949	20.388	270.197
36803.797	40359.090	26.072	27.444	27.171
1.018				
12/10/2015 8:30:00 PM	808200.000	119.996	20.386	270.303

36812.621	40369.953	26.080	27.452	27.165
1.018				
12/10/2015 8:45:00 PM	809100.000	120.015	20.384	270.345
36830.063	40391.160	26.095	27.466	27.152
1.018				
12/10/2015 9:00:00 PM	810000.000	120.010	20.385	270.335
36784.301	40340.527	26.059	27.432	27.186
1.018				
12/10/2015 9:15:00 PM	810900.000	120.075	20.382	270.481
36817.715	40379.387	26.087	27.458	27.161
1.018				
12/10/2015 9:30:00 PM	811800.000	120.081	20.385	270.495
36799.629	40357.266	26.071	27.443	27.174
1.018				
12/10/2015 9:45:00 PM	812700.000	120.075	20.381	270.482
36767.730	40325.152	26.048	27.421	27.198
1.018				
12/10/2015 10:00:00 PM	813600.000	120.133	20.387	270.611
36775.375	40328.883	26.051	27.424	27.192
1.018				
12/10/2015 10:15:00 PM	814500.000	120.136	20.387	270.618
36807.355	40363.883	26.076	27.447	27.168
1.018				
12/10/2015 10:30:00 PM	815400.000	120.136	20.387	270.619
36781.352	40335.367	26.055	27.428	27.188
1.018				
12/10/2015 10:45:00 PM	816300.000	120.176	20.387	270.708
36792.766	40347.813	26.064	27.437	27.179
1.018				
12/10/2015 11:00:00 PM	817200.000	120.186	20.389	270.730
36805.820	40360.348	26.073	27.445	27.170
1.018				
12/10/2015 11:15:00 PM	818100.000	120.193	20.383	270.747
36776.402	40332.898	26.053	27.426	27.191
1.018				
12/10/2015 11:30:00 PM	819000.000	120.212	20.386	270.790
36816.082	40374.414	26.083	27.455	27.162
1.018				
12/10/2015 11:45:00 PM	819900.000	120.197	20.385	270.756
36795.965	40353.164	26.068	27.440	27.177
1.018				
12/11/2015 12:00:00 AM	820800.000	120.212	20.381	270.790
36786.008	40345.199	26.062	27.435	27.184
1.018				
12/11/2015 12:15:00 AM	821700.000	120.200	20.376	270.763
36762.680	40324.051	26.047	27.420	27.201
1.018				
12/11/2015 12:30:00 AM	822600.000	120.214	20.373	270.794
36786.438	40353.004	26.067	27.440	27.184
1.018				
12/11/2015 12:45:00 AM	823500.000	120.202	20.374	270.767
36775.840	40340.488	26.058	27.432	27.192
1.018				
12/11/2015 1:00:00 AM	824400.000	120.220	20.373	270.806
36808.746	40376.801	26.084	27.456	27.167
1.018				
12/11/2015 1:15:00 AM	825300.000	120.219	20.377	270.805
36793.734	40357.672	26.071	27.443	27.179

1.018				
12/11/2015 1:30:00 AM	826200.000	120.215	20.377	270.797
36812.160	40377.148	26.085	27.456	27.165
1.018				
12/11/2015 1:45:00 AM	827100.000	120.221	20.380	270.810
36777.723	40336.781	26.056	27.429	27.190
1.018				
12/11/2015 2:00:00 AM	828000.000	120.203	20.381	270.770
36784.836	40343.699	26.061	27.434	27.185
1.018				
12/11/2015 2:15:00 AM	828900.000	120.203	20.379	270.770
36756.863	40315.160	26.040	27.414	27.206
1.018				
12/11/2015 2:30:00 AM	829800.000	120.202	20.381	270.767
36759.922	40317.109	26.042	27.416	27.204
1.018				
12/11/2015 2:45:00 AM	830700.000	120.181	20.386	270.719
36774.453	40328.762	26.050	27.424	27.193
1.018				
12/11/2015 3:00:00 AM	831600.000	120.204	20.380	270.772
36807.789	40370.055	26.080	27.452	27.168
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12/11/2015 3:15:00 AM	832500.000	120.178	20.377	270.712
36769.121	40329.938	26.051	27.424	27.197
1.018				
12/11/2015 3:30:00 AM	833400.000	120.193	20.379	270.747
36792.844	40354.480	26.069	27.441	27.179
1.018				
12/11/2015 3:45:00 AM	834300.000	120.192	20.377	270.743
36779.785	40341.566	26.059	27.432	27.189
1.018				
12/11/2015 4:00:00 AM	835200.000	120.195	20.378	270.751
36792.270	40354.508	26.069	27.441	27.180
1.018				
12/11/2015 4:15:00 AM	836100.000	120.167	20.378	270.687
36773.129	40333.594	26.054	27.427	27.194
1.018				
12/11/2015 4:30:00 AM	837000.000	120.169	20.381	270.693
36787.645	40347.070	26.063	27.436	27.183
1.018				
12/11/2015 4:45:00 AM	837900.000	120.198	20.385	270.759
36784.512	40340.238	26.059	27.431	27.185
1.018				
12/11/2015 5:00:00 AM	838800.000	120.198	20.383	270.759
36809.672	40369.457	26.080	27.451	27.167
1.018				
12/11/2015 5:15:00 AM	839700.000	120.210	20.385	270.786
36824.961	40385.047	26.091	27.462	27.155
1.018				
12/11/2015 5:30:00 AM	840600.000	120.238	20.385	270.849
36790.207	40346.633	26.063	27.436	27.181
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12/11/2015 5:45:00 AM	841500.000	120.242	20.381	270.858
36802.699	40363.730	26.075	27.447	27.172
1.018				
12/11/2015 6:00:00 AM	842400.000	120.264	20.382	270.905
36779.324	40337.578	26.057	27.430	27.189
1.018				

12/11/2015 6:15:00 AM	843300.000	120.252	20.381	270.878
36797.219	40357.570	26.071	27.443	27.176
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12/11/2015 6:30:00 AM	844200.000	120.292	20.382	270.970
36789.816	40349.086	26.065	27.437	27.181
1.018				
12/11/2015 6:45:00 AM	845100.000	120.303	20.381	270.993
36787.180	40346.637	26.063	27.436	27.183
1.018				
12/11/2015 7:00:00 AM	846000.000	120.296	20.379	270.978
36784.086	40344.645	26.062	27.434	27.186
1.018				
12/11/2015 7:15:00 AM	846900.000	120.333	20.383	271.061
36805.484	40365.387	26.077	27.448	27.170
1.018				
12/11/2015 7:30:00 AM	847800.000	120.371	20.381	271.147
36791.594	40351.551	26.067	27.439	27.180
1.018				
12/11/2015 7:45:00 AM	848700.000	120.382	20.379	271.172
36798.820	40361.402	26.074	27.446	27.175
1.018				
12/11/2015 8:00:00 AM	849600.000	120.387	20.378	271.183
36815.648	40380.824	26.087	27.459	27.162
1.018				
12/11/2015 8:15:00 AM	850500.000	120.423	20.374	271.264
36798.715	40365.508	26.076	27.449	27.175
1.018				
12/11/2015 8:30:00 AM	851400.000	120.449	20.374	271.324
36774.348	40338.703	26.057	27.430	27.193
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36791.910	40355.230	26.069	27.442	27.180
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12/11/2015 9:00:00 AM	853200.000	120.462	20.381	271.352
36779.996	40338.605	26.057	27.430	27.189
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12/11/2015 9:15:00 AM	854100.000	120.498	20.378	271.435
36800.203	40363.586	26.075	27.447	27.174
1.018				
12/11/2015 9:30:00 AM	855000.000	120.503	20.378	271.445
36783.199	40345.152	26.062	27.435	27.186
1.018				
12/11/2015 9:45:00 AM	855900.000	120.497	20.378	271.431
36796.824	40359.730	26.072	27.445	27.176
1.018				
12/11/2015 10:00:00 AM	856800.000	120.503	20.376	271.445
36745.070	40304.738	26.033	27.407	27.215
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12/11/2015 10:15:00 AM	857700.000	120.536	20.372	271.520
36780.496	40346.555	26.063	27.436	27.188
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12/11/2015 10:30:00 AM	858600.000	120.515	20.374	271.472
36757.109	40319.871	26.044	27.418	27.206
1.018				
12/11/2015 10:45:00 AM	859500.000	120.518	20.373	271.479
36769.543	40334.023	26.054	27.427	27.196
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12/11/2015 11:00:00 AM	860400.000	120.515	20.374	271.472

36807.898	40375.582	26.084	27.455	27.168
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12/11/2015 11:15:00 AM	861300.000	120.506	20.379	271.452
36794.723	40356.465	26.070	27.442	27.178
1.018				
12/11/2015 11:30:00 AM	862200.000	120.515	20.372	271.472
36747.141	40310.410	26.037	27.411	27.213
1.018				
12/11/2015 11:45:00 AM	863100.000	120.498	20.373	271.433
36786.293	40352.695	26.067	27.440	27.184
1.018				
12/11/2015 12:00:00 PM	864000.000	120.471	20.371	271.372
36784.801	40352.832	26.067	27.440	27.185
1.018				
12/11/2015 12:15:00 PM	864900.000	120.478	20.375	271.388
36795.191	40360.754	26.073	27.445	27.177
1.018				
12/11/2015 12:30:00 PM	865800.000	120.473	20.375	271.377
36785.152	40349.148	26.065	27.437	27.185
1.018				
12/11/2015 12:45:00 PM	866700.000	120.425	20.380	271.268
36762.500	40320.164	26.044	27.418	27.202
1.018				
12/11/2015 1:00:00 PM	867600.000	120.410	20.378	271.234
36745.371	40303.664	26.032	27.406	27.214
1.018				
12/11/2015 1:15:00 PM	868500.000	120.395	20.377	271.202
36777.008	40339.184	26.058	27.431	27.191
1.018				
12/11/2015 1:30:00 PM	869400.000	120.364	20.377	271.132
36764.387	40324.895	26.047	27.421	27.200
1.018				
12/11/2015 1:45:00 PM	870300.000	120.351	20.381	271.102
36793.121	40353.223	26.068	27.440	27.179
1.018				
12/11/2015 2:00:00 PM	871200.000	120.309	20.382	271.007
36783.090	40341.641	26.060	27.432	27.186
1.018				
12/11/2015 2:15:00 PM	872100.000	120.257	20.383	270.892
36794.762	40352.961	26.068	27.440	27.178
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12/11/2015 2:30:00 PM	873000.000	120.254	20.386	270.883
36808.000	40365.699	26.077	27.449	27.168
1.018				
12/11/2015 2:45:00 PM	873900.000	120.232	20.389	270.835
36806.680	40361.445	26.074	27.446	27.169
1.018				
12/11/2015 3:00:00 PM	874800.000	120.198	20.387	270.759
36802.414	40357.949	26.071	27.443	27.172
1.018				
12/11/2015 3:15:00 PM	875700.000	120.139	20.386	270.624
36773.461	40327.527	26.050	27.423	27.194
1.018				
12/11/2015 3:30:00 PM	876600.000	120.125	20.388	270.593
36767.242	40319.004	26.044	27.417	27.198
1.018				
12/11/2015 3:45:00 PM	877500.000	120.083	20.381	270.499
36763.461	40320.625	26.044	27.418	27.201

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12/11/2015 4:00:00 PM	878400.000	120.061	20.380	270.448
36801.984	40363.391	26.075	27.447	27.172
1.018				
12/11/2015 4:15:00 PM	879300.000	120.036	20.388	270.393
36782.453	40335.988	26.056	27.428	27.187
1.018				
12/11/2015 4:30:00 PM	880200.000	120.040	20.389	270.403
36767.586	40318.500	26.043	27.417	27.198
1.018				
12/11/2015 4:45:00 PM	881100.000	120.010	20.393	270.333
36795.043	40344.758	26.062	27.434	27.178
1.018				
12/11/2015 5:00:00 PM	882000.000	120.006	20.393	270.326
36791.777	40341.180	26.060	27.432	27.180
1.018				
12/11/2015 5:15:00 PM	882900.000	119.982	20.391	270.271
36784.871	40335.531	26.055	27.428	27.185
1.018				
12/11/2015 5:30:00 PM	883800.000	119.976	20.394	270.257
36817.621	40368.699	26.079	27.451	27.161
1.018				
12/11/2015 5:45:00 PM	884700.000	119.958	20.393	270.218
36818.098	40370.484	26.081	27.452	27.161
1.018				
12/11/2015 6:00:00 PM	885600.000	119.965	20.397	270.232
36781.883	40327.301	26.050	27.423	27.187
1.018				
12/11/2015 6:15:00 PM	886500.000	119.951	20.393	270.202
36789.070	40338.504	26.058	27.430	27.182
1.018				
12/11/2015 6:30:00 PM	887400.000	119.951	20.400	270.201
36803.301	40348.496	26.065	27.437	27.171
1.018				
12/11/2015 6:45:00 PM	888300.000	119.955	20.393	270.210
36767.977	40315.746	26.041	27.415	27.198
1.018				
12/11/2015 7:00:00 PM	889200.000	119.933	20.390	270.161
36793.945	40346.438	26.063	27.436	27.178
1.018				
12/11/2015 7:15:00 PM	890100.000	119.966	20.385	270.236
36782.414	40337.938	26.057	27.430	27.187
1.018				
12/11/2015 7:30:00 PM	891000.000	119.978	20.388	270.263
36782.273	40335.191	26.055	27.428	27.187
1.018				
12/11/2015 7:45:00 PM	891900.000	119.975	20.387	270.254
36800.566	40356.508	26.070	27.442	27.173
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12/11/2015 8:00:00 PM	892800.000	120.014	20.386	270.342
36787.645	40343.156	26.061	27.433	27.183
1.018				
12/11/2015 8:15:00 PM	893700.000	120.015	20.387	270.345
36785.152	40339.020	26.058	27.431	27.185
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12/11/2015 8:30:00 PM	894600.000	120.034	20.391	270.389
36762.109	40311.086	26.038	27.412	27.202
1.018				

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36803.688	40356.461	26.070	27.442	27.171
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36759.063	40308.855	26.036	27.410	27.204
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12/11/2015 9:15:00 PM	897300.000	120.084	20.383	270.502
36791.172	40349.613	26.065	27.438	27.180
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12/11/2015 9:30:00 PM	898200.000	120.105	20.385	270.548
36782.984	40338.336	26.057	27.430	27.186
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12/11/2015 9:45:00 PM	899100.000	120.112	20.386	270.563
36794.547	40350.648	26.066	27.438	27.178
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36763.887	40319.027	26.043	27.417	27.201
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12/11/2015 10:15:00 PM	900900.000	120.160	20.386	270.673
36778.789	40332.930	26.053	27.426	27.190
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36778.004	40331.250	26.052	27.425	27.190
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12/11/2015 10:45:00 PM	902700.000	120.207	20.383	270.778
36777.473	40334.734	26.055	27.428	27.191
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12/11/2015 11:00:00 PM	903600.000	120.236	20.379	270.843
36786.832	40348.254	26.064	27.437	27.184
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12/11/2015 11:15:00 PM	904500.000	120.259	20.381	270.894
36806.223	40367.227	26.078	27.450	27.169
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12/11/2015 11:30:00 PM	905400.000	120.246	20.378	270.866
36757.445	40316.688	26.042	27.415	27.205
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12/11/2015 11:45:00 PM	906300.000	120.264	20.385	270.905
36785.227	40341.168	26.059	27.432	27.185
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12/12/2015 12:00:00 AM	907200.000	120.294	20.379	270.974
36765.098	40324.121	26.047	27.420	27.200
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12/12/2015 12:15:00 AM	908100.000	120.270	20.379	270.919
36759.410	40318.258	26.043	27.416	27.204
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12/12/2015 12:30:00 AM	909000.000	120.299	20.383	270.985
36762.324	40317.605	26.042	27.416	27.202
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12/12/2015 12:45:00 AM	909900.000	120.321	20.381	271.034
36782.453	40341.301	26.059	27.432	27.187
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12/12/2015 1:00:00 AM	910800.000	120.317	20.383	271.026
36790.527	40348.461	26.064	27.437	27.181
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36774.664	40325.375	26.048	27.421	27.193
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36801.840	40358.797	26.072	27.444	27.173
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36791.523	40347.629	26.064	27.436	27.180
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36794.086	40347.637	26.064	27.436	27.178
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36780.922	40334.520	26.055	27.427	27.188
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12/12/2015 2:30:00 AM	916200.000	120.268	20.384	270.916
36770.715	40325.918	26.048	27.422	27.196
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36782.063	40338.289	26.057	27.430	27.187
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12/12/2015 3:00:00 AM	918000.000	120.268	20.386	270.916
36772.246	40326.270	26.049	27.422	27.194
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36779.566	40337.102	26.056	27.429	27.189
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36780.352	40337.746	26.057	27.430	27.188
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12/12/2015 3:45:00 AM	920700.000	120.253	20.385	270.881
36775.305	40330.508	26.052	27.425	27.192
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12/12/2015 4:00:00 AM	921600.000	120.274	20.377	270.929
36781.883	40344.012	26.061	27.434	27.187
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36772.133	40330.504	26.052	27.425	27.195
1.018				
12/12/2015 4:30:00 AM	923400.000	120.264	20.382	270.905
36765.773	40322.348	26.046	27.419	27.199
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12/12/2015 4:45:00 AM	924300.000	120.265	20.384	270.909
36761.324	40315.621	26.041	27.415	27.203
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12/12/2015 5:00:00 AM	925200.000	120.247	20.382	270.869
36780.848	40338.656	26.057	27.430	27.188
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12/12/2015 5:15:00 AM	926100.000	120.259	20.383	270.895
36775.586	40331.930	26.053	27.426	27.192
1.018				
12/12/2015 5:30:00 AM	927000.000	120.271	20.380	270.922
36777.758	40337.336	26.056	27.429	27.190
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36761.074	40321.113	26.045	27.418	27.203
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12/12/2015 6:00:00 AM	928800.000	120.256	20.378	270.889
36765.066	40324.828	26.047	27.421	27.200
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12/12/2015 6:15:00 AM	929700.000	120.275	20.375	270.932
36768.254	40330.910	26.052	27.425	27.197

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12/12/2015 6:30:00 AM	930600.000	120.315	20.376	271.021
36745.582	40305.445	26.033	27.408	27.214
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36751.234	40309.953	26.037	27.411	27.210
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12/12/2015 7:00:00 AM	932400.000	120.319	20.378	271.031
36785.047	40346.891	26.063	27.436	27.185
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36782.168	40344.617	26.062	27.434	27.187
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12/12/2015 7:30:00 AM	934200.000	120.345	20.372	271.089
36729.375	40291.070	26.023	27.398	27.226
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12/12/2015 7:45:00 AM	935100.000	120.367	20.375	271.137
36771.141	40334.301	26.054	27.427	27.195
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12/12/2015 8:00:00 AM	936000.000	120.376	20.378	271.158
36791.133	40353.785	26.068	27.441	27.180
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12/12/2015 8:15:00 AM	936900.000	120.400	20.380	271.213
36769.961	40328.566	26.050	27.423	27.196
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12/12/2015 8:30:00 AM	937800.000	120.417	20.377	271.251
36757.875	40317.531	26.042	27.416	27.205
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12/12/2015 8:45:00 AM	938700.000	120.441	20.377	271.306
36764.809	40325.875	26.048	27.422	27.200
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36761.680	40322.512	26.046	27.419	27.202
1.018				
12/12/2015 9:15:00 AM	940500.000	120.473	20.376	271.377
36742.590	40302.242	26.031	27.406	27.216
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12/12/2015 9:30:00 AM	941400.000	120.488	20.375	271.411
36755.605	40317.402	26.042	27.416	27.207
1.018				
12/12/2015 9:45:00 AM	942300.000	120.526	20.373	271.496
36752.996	40316.320	26.041	27.415	27.209
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12/12/2015 10:00:00 AM	943200.000	120.520	20.373	271.484
36758.742	40321.949	26.045	27.419	27.204
1.018				
12/12/2015 10:15:00 AM	944100.000	120.535	20.375	271.516
36768.652	40331.715	26.052	27.426	27.197
1.018				
12/12/2015 10:30:00 AM	945000.000	120.541	20.378	271.529
36757.801	40317.297	26.042	27.416	27.205
1.018				
12/12/2015 10:45:00 AM	945900.000	120.551	20.380	271.553
36767.480	40325.992	26.048	27.422	27.198
1.018				
12/12/2015 11:00:00 AM	946800.000	120.580	20.373	271.618
36763.492	40327.605	26.049	27.423	27.201
1.018				

12/12/2015 11:15:00 AM	947700.000	120.562	20.374	271.578
36758.793	40321.789	26.045	27.419	27.204
1.018				
12/12/2015 11:30:00 AM	948600.000	120.551	20.379	271.553
36770.605	40330.016	26.051	27.424	27.196
1.018				
12/12/2015 11:45:00 AM	949500.000	120.542	20.376	271.532
36753.289	40314.125	26.040	27.414	27.208
1.018				
12/12/2015 12:00:00 PM	950400.000	120.536	20.379	271.519
36781.773	40342.035	26.060	27.433	27.187
1.018				
12/12/2015 12:15:00 PM	951300.000	120.545	20.378	271.540
36775.555	40336.551	26.056	27.429	27.192
1.018				
12/12/2015 12:30:00 PM	952200.000	120.524	20.376	271.492
36740.137	40299.105	26.029	27.403	27.218
1.018				
12/12/2015 12:45:00 PM	953100.000	120.534	20.380	271.514
36766.875	40325.039	26.048	27.421	27.198
1.018				
12/12/2015 1:00:00 PM	954000.000	120.506	20.377	271.452
36750.309	40309.754	26.037	27.411	27.211
1.018				
12/12/2015 1:15:00 PM	954900.000	120.498	20.374	271.435
36768.262	40332.246	26.053	27.426	27.197
1.018				
12/12/2015 1:30:00 PM	955800.000	120.478	20.377	271.388
36768.117	40329.574	26.051	27.424	27.197
1.018				
12/12/2015 1:45:00 PM	956700.000	120.444	20.378	271.312
36766.172	40326.258	26.048	27.422	27.199
1.018				
12/12/2015 2:00:00 PM	957600.000	120.417	20.386	271.252
36761.406	40314.234	26.040	27.414	27.202
1.018				
12/12/2015 2:15:00 PM	958500.000	120.408	20.383	271.230
36795.477	40353.746	26.068	27.441	27.177
1.018				
12/12/2015 2:30:00 PM	959400.000	120.367	20.383	271.139
36765.379	40320.809	26.045	27.418	27.200
1.018				
12/12/2015 2:45:00 PM	960300.000	120.339	20.383	271.075
36785.008	40342.266	26.060	27.433	27.185
1.018				
12/12/2015 3:00:00 PM	961200.000	120.275	20.383	270.932
36758.980	40314.156	26.040	27.414	27.204
1.018				
12/12/2015 3:15:00 PM	962100.000	120.248	20.385	270.871
36765.379	40319.105	26.044	27.417	27.200
1.018				
12/12/2015 3:30:00 PM	963000.000	120.218	20.383	270.804
36783.129	40340.938	26.059	27.432	27.186
1.018				
12/12/2015 3:45:00 PM	963900.000	120.213	20.383	270.791
36779.250	40336.387	26.056	27.429	27.189
1.018				
12/12/2015 4:00:00 PM	964800.000	120.188	20.385	270.736

36785.977	40342.297	26.060	27.433	27.184
1.018				
12/12/2015 4:15:00 PM	965700.000	120.125	20.384	270.593
36761.371	40316.039	26.041	27.415	27.202
1.018				
12/12/2015 4:30:00 PM	966600.000	120.132	20.382	270.609
36778.289	40336.215	26.056	27.429	27.190
1.018				
12/12/2015 4:45:00 PM	967500.000	120.107	20.384	270.552
36785.266	40342.328	26.060	27.433	27.185
1.018				
12/12/2015 5:00:00 PM	968400.000	120.091	20.384	270.517
36737.457	40289.445	26.022	27.397	27.220
1.018				
12/12/2015 5:15:00 PM	969300.000	120.041	20.386	270.404
36777.473	40331.555	26.052	27.425	27.191
1.018				
12/12/2015 5:30:00 PM	970200.000	120.047	20.389	270.417
36784.375	40336.469	26.056	27.429	27.185
1.018				
12/12/2015 5:45:00 PM	971100.000	120.033	20.390	270.387
36750.910	40299.098	26.029	27.403	27.210
1.018				
12/12/2015 6:00:00 PM	972000.000	119.985	20.386	270.278
36748.594	40300.402	26.030	27.404	27.212
1.018				
12/12/2015 6:15:00 PM	972900.000	120.009	20.384	270.331
36787.004	40343.707	26.061	27.434	27.184
1.018				
12/12/2015 6:30:00 PM	973800.000	120.000	20.382	270.311
36801.992	40362.375	26.074	27.446	27.172
1.018				
12/12/2015 6:45:00 PM	974700.000	119.964	20.392	270.230
36812.645	40365.246	26.077	27.448	27.165
1.018				
12/12/2015 7:00:00 PM	975600.000	119.996	20.388	270.303
36767.727	40319.465	26.044	27.417	27.198
1.018				
12/12/2015 7:15:00 PM	976500.000	119.991	20.384	270.291
36789.035	40345.934	26.063	27.435	27.182
1.018				
12/12/2015 7:30:00 PM	977400.000	119.982	20.388	270.271
36779.602	40332.488	26.053	27.426	27.189
1.018				
12/12/2015 7:45:00 PM	978300.000	120.002	20.390	270.317
36772.672	40323.555	26.047	27.420	27.194
1.018				
12/12/2015 8:00:00 PM	979200.000	120.009	20.390	270.331
36773.418	40324.012	26.047	27.420	27.194
1.018				
12/12/2015 8:15:00 PM	980100.000	120.021	20.391	270.359
36765.594	40314.770	26.041	27.414	27.199
1.018				
12/12/2015 8:30:00 PM	981000.000	120.032	20.391	270.383
36770.004	40319.676	26.044	27.417	27.196
1.018				
12/12/2015 8:45:00 PM	981900.000	120.057	20.390	270.440
36740.121	40287.344	26.021	27.395	27.218

1.018				
12/12/2015 9:00:00 PM	982800.000	120.046	20.389	270.416
36769.645	40320.602	26.045	27.418	27.196
1.018				
12/12/2015 9:15:00 PM	983700.000	120.065	20.390	270.458
36764.988	40315.129	26.041	27.414	27.200
1.018				
12/12/2015 9:30:00 PM	984600.000	120.106	20.387	270.550
36784.941	40339.156	26.058	27.431	27.185
1.018				
12/12/2015 9:45:00 PM	985500.000	120.126	20.387	270.596
36782.984	40336.855	26.056	27.429	27.186
1.018				
12/12/2015 10:00:00 PM	986400.000	120.158	20.382	270.668
36743.098	40297.477	26.028	27.402	27.216
1.018				
12/12/2015 10:15:00 PM	987300.000	120.167	20.383	270.688
36742.711	40296.613	26.027	27.402	27.216
1.018				
12/12/2015 10:30:00 PM	988200.000	120.186	20.385	270.730
36761.711	40315.008	26.041	27.414	27.202
1.018				
12/12/2015 10:45:00 PM	989100.000	120.192	20.386	270.743
36753.109	40305.504	26.034	27.408	27.209
1.018				
12/12/2015 11:00:00 PM	990000.000	120.227	20.386	270.824
36768.215	40321.773	26.045	27.419	27.197
1.018				
12/12/2015 11:15:00 PM	990900.000	120.245	20.393	270.863
36776.941	40325.426	26.048	27.421	27.191
1.018				
12/12/2015 11:30:00 PM	991800.000	120.247	20.388	270.869
36747.000	40296.738	26.028	27.402	27.213
1.018				
12/12/2015 11:45:00 PM	992700.000	120.276	20.383	270.933
36808.293	40367.801	26.078	27.450	27.168
1.018				
12/13/2015 12:00:00 AM	993600.000	120.291	20.389	270.967
36775.941	40327.883	26.050	27.423	27.192
1.018				
12/13/2015 12:15:00 AM	994500.000	120.313	20.388	271.018
36755.887	40306.180	26.034	27.408	27.207
1.018				
12/13/2015 12:30:00 AM	995400.000	120.301	20.384	270.990
36753.008	40306.723	26.035	27.409	27.209
1.018				
12/13/2015 12:45:00 AM	996300.000	120.315	20.381	271.021
36767.938	40325.309	26.048	27.421	27.198
1.018				
12/13/2015 1:00:00 AM	997200.000	120.325	20.383	271.045
36761.887	40317.496	26.042	27.416	27.202
1.018				
12/13/2015 1:15:00 AM	998100.000	120.336	20.379	271.069
36725.043	40280.484	26.016	27.391	27.229
1.018				
12/13/2015 1:30:00 AM	999000.000	120.332	20.381	271.060
36766.164	40323.512	26.047	27.420	27.199
1.018				

12/13/2015 1:45:00 AM	999900.000	120.355	20.383	271.112
36783.270	40340.719	26.059	27.432	27.186
1.018				
12/13/2015 2:00:00 AM	1000800.000	120.342	20.382	271.082
36768.395	40325.363	26.048	27.421	27.197
1.018				
12/13/2015 2:15:00 AM	1001700.000	120.329	20.385	271.054
36726.859	40277.230	26.014	27.389	27.228
1.018				
12/13/2015 2:30:00 AM	1002600.000	120.328	20.387	271.051
36729.043	40278.074	26.014	27.389	27.226
1.018				
12/13/2015 2:45:00 AM	1003500.000	120.328	20.386	271.051
36755.281	40307.074	26.035	27.409	27.207
1.018				
12/13/2015 3:00:00 AM	1004400.000	120.352	20.388	271.105
36761.215	40312.395	26.039	27.412	27.203
1.018				
12/13/2015 3:15:00 AM	1005300.000	120.342	20.382	271.082
36758.410	40314.344	26.040	27.414	27.205
1.018				
12/13/2015 3:30:00 AM	1006200.000	120.348	20.382	271.097
36741.023	40295.137	26.026	27.401	27.218
1.018				
12/13/2015 3:45:00 AM	1007100.000	120.322	20.381	271.038
36739.746	40294.684	26.026	27.400	27.218
1.018				
12/13/2015 4:00:00 AM	1008000.000	120.328	20.376	271.051
36765.234	40326.785	26.049	27.422	27.200
1.018				
12/13/2015 4:15:00 AM	1008900.000	120.312	20.374	271.013
36755.738	40317.922	26.042	27.416	27.207
1.018				
12/13/2015 4:30:00 AM	1009800.000	120.304	20.379	270.997
36757.629	40315.555	26.041	27.415	27.205
1.018				
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36767.441	40326.621	26.049	27.422	27.198
1.018				
12/13/2015 5:00:00 AM	1011600.000	120.310	20.377	271.011
36763.883	40324.559	26.047	27.421	27.201
1.018				
12/13/2015 5:15:00 AM	1012500.000	120.309	20.373	271.007
36751.324	40314.336	26.040	27.414	27.210
1.018				
12/13/2015 5:30:00 AM	1013400.000	120.317	20.369	271.026
36763.277	40330.184	26.051	27.425	27.201
1.018				
12/13/2015 5:45:00 AM	1014300.000	120.319	20.370	271.031
36766.547	40333.395	26.053	27.427	27.199
1.018				
12/13/2015 6:00:00 AM	1015200.000	120.325	20.371	271.045
36738.488	40301.957	26.031	27.405	27.219
1.018				
12/13/2015 6:15:00 AM	1016100.000	120.352	20.374	271.105
36770.250	40333.770	26.054	27.427	27.196
1.018				
12/13/2015 6:30:00 AM	1017000.000	120.344	20.373	271.086

36739.852	40301.527	26.031	27.405	27.218
1.018				
12/13/2015 6:45:00 AM	1017900.000	120.379	20.372	271.166
36773.375	40339.266	26.058	27.431	27.194
1.018				
12/13/2015 7:00:00 AM	1018800.000	120.367	20.371	271.137
36756.023	40320.676	26.044	27.418	27.206
1.018				
12/13/2015 7:15:00 AM	1019700.000	120.379	20.376	271.166
36745.773	40305.656	26.034	27.408	27.214
1.018				
12/13/2015 7:30:00 AM	1020600.000	120.408	20.380	271.230
36756.762	40314.531	26.040	27.414	27.206
1.018				
12/13/2015 7:45:00 AM	1021500.000	120.434	20.377	271.290
36761.887	40322.082	26.045	27.419	27.202
1.018				
12/13/2015 8:00:00 AM	1022400.000	120.425	20.372	271.270
36739.313	40302.121	26.031	27.405	27.219
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12/13/2015 8:15:00 AM	1023300.000	120.435	20.377	271.293
36765.547	40326.020	26.048	27.422	27.199
1.018				
12/13/2015 8:30:00 AM	1024200.000	120.491	20.380	271.418
36743.977	40299.996	26.030	27.404	27.215
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12/13/2015 8:45:00 AM	1025100.000	120.480	20.379	271.393
36758.688	40317.160	26.042	27.416	27.204
1.018				
12/13/2015 9:00:00 AM	1026000.000	120.506	20.373	271.451
36763.840	40327.699	26.049	27.423	27.201
1.018				
12/13/2015 9:15:00 AM	1026900.000	120.520	20.370	271.484
36730.145	40293.391	26.025	27.400	27.226
1.018				
12/13/2015 9:30:00 AM	1027800.000	120.547	20.370	271.544
36756.902	40322.602	26.046	27.419	27.206
1.018				
12/13/2015 9:45:00 AM	1028700.000	120.583	20.371	271.624
36759.531	40324.891	26.047	27.421	27.204
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12/13/2015 10:00:00 AM	1029600.000	120.628	20.369	271.726
36759.004	40325.492	26.048	27.421	27.204
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12/13/2015 10:15:00 AM	1030500.000	120.611	20.373	271.688
36747.449	40309.789	26.036	27.411	27.213
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12/13/2015 10:30:00 AM	1031400.000	120.670	20.370	271.822
36746.629	40311.332	26.037	27.412	27.213
1.018				
12/13/2015 10:45:00 AM	1032300.000	120.672	20.371	271.825
36761.172	40326.984	26.049	27.422	27.203
1.018				
12/13/2015 11:00:00 AM	1033200.000	120.686	20.371	271.858
36745.273	40309.402	26.036	27.410	27.214
1.018				
12/13/2015 11:15:00 AM	1034100.000	120.671	20.373	271.822
36743.395	40305.344	26.033	27.408	27.216

1.018					
12/13/2015 11:30:00 AM	1035000.000	120.677	20.372	271.837	
36771.672	40337.469	26.056	27.429	27.195	
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12/13/2015 11:45:00 AM	1035900.000	120.685	20.371	271.854	
36725.313	40286.918	26.020	27.395	27.229	
1.018					
12/13/2015 12:00:00 PM	1036800.000	120.720	20.370	271.933	
36744.000	40308.965	26.036	27.410	27.215	
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12/13/2015 12:15:00 PM	1037700.000	120.701	20.376	271.890	
36732.043	40290.746	26.023	27.398	27.224	
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12/13/2015 12:30:00 PM	1038600.000	120.692	20.374	271.870	
36761.602	40324.281	26.047	27.421	27.202	
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12/13/2015 12:45:00 PM	1039500.000	120.701	20.373	271.890	
36769.035	40333.320	26.053	27.427	27.197	
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12/13/2015 1:00:00 PM	1040400.000	120.694	20.376	271.876	
36737.328	40296.176	26.027	27.401	27.220	
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12/13/2015 1:15:00 PM	1041300.000	120.648	20.373	271.771	
36739.996	40301.980	26.031	27.405	27.218	
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36736.922	40298.609	26.028	27.403	27.221	
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36736.680	40299.973	26.029	27.404	27.221	
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12/13/2015 2:00:00 PM	1044000.000	120.587	20.370	271.634	
36748.480	40313.293	26.039	27.413	27.212	
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36732.594	40292.977	26.024	27.399	27.224	
1.018					
12/13/2015 2:30:00 PM	1045800.000	120.539	20.370	271.527	
36716.055	40278.305	26.014	27.389	27.236	
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12/13/2015 2:45:00 PM	1046700.000	120.518	20.369	271.479	
36736.125	40300.762	26.030	27.405	27.221	
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12/13/2015 3:00:00 PM	1047600.000	120.521	20.373	271.484	
36751.145	40313.914	26.039	27.413	27.210	
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12/13/2015 3:15:00 PM	1048500.000	120.486	20.381	271.406	
36775.902	40333.902	26.054	27.427	27.192	
1.018					
12/13/2015 3:30:00 PM	1049400.000	120.420	20.386	271.258	
36766.727	40319.625	26.044	27.417	27.199	
1.018					
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36744.039	40298.957	26.029	27.403	27.215	
1.018					
12/13/2015 4:00:00 PM	1051200.000	120.390	20.383	271.191	
36765.625	40321.742	26.045	27.419	27.199	
1.018					

12/13/2015 4:15:00 PM	1052100.000	120.367	20.378	271.139
36780.668	40341.785	26.060	27.432	27.188
1.018				
12/13/2015 4:30:00 PM	1053000.000	120.335	20.385	271.067
36769.711	40324.152	26.047	27.420	27.196
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12/13/2015 4:45:00 PM	1053900.000	120.272	20.385	270.925
36751.832	40304.852	26.033	27.407	27.210
1.018				
12/13/2015 5:00:00 PM	1054800.000	120.282	20.388	270.947
36774.871	40327.520	26.050	27.423	27.192
1.018				
12/13/2015 5:15:00 PM	1055700.000	120.256	20.388	270.888
36754.898	40304.953	26.033	27.407	27.207
1.018				
12/13/2015 5:30:00 PM	1056600.000	120.232	20.389	270.835
36764.586	40314.770	26.041	27.414	27.200
1.018				
12/13/2015 5:45:00 PM	1057500.000	120.180	20.381	270.716
36731.852	40286.395	26.020	27.395	27.224
1.018				
12/13/2015 6:00:00 PM	1058400.000	120.165	20.385	270.683
36745.363	40297.672	26.028	27.402	27.214
1.018				
12/13/2015 6:15:00 PM	1059300.000	120.132	20.385	270.609
36775.688	40331.082	26.052	27.425	27.192
1.018				
12/13/2015 6:30:00 PM	1060200.000	120.123	20.384	270.588
36752.051	40305.375	26.034	27.408	27.209
1.018				
12/13/2015 6:45:00 PM	1061100.000	120.112	20.384	270.563
36781.422	40337.441	26.057	27.429	27.188
1.018				
12/13/2015 7:00:00 PM	1062000.000	120.098	20.379	270.533
36756.449	40314.863	26.040	27.414	27.206
1.018				
12/13/2015 7:15:00 PM	1062900.000	120.093	20.380	270.522
36737.469	40293.301	26.025	27.399	27.220
1.018				
12/13/2015 7:30:00 PM	1063800.000	120.124	20.385	270.590
36754.773	40308.148	26.036	27.410	27.207
1.018				
12/13/2015 7:45:00 PM	1064700.000	120.114	20.384	270.568
36758.086	40311.992	26.038	27.412	27.205
1.018				
12/13/2015 8:00:00 PM	1065600.000	120.080	20.385	270.492
36740.020	40291.738	26.024	27.398	27.218
1.018				
12/13/2015 8:15:00 PM	1066500.000	120.092	20.382	270.518
36748.125	40303.297	26.032	27.406	27.212
1.018				
12/13/2015 8:30:00 PM	1067400.000	120.096	20.385	270.528
36722.871	40272.488	26.010	27.385	27.231
1.018				
12/13/2015 8:45:00 PM	1068300.000	120.141	20.384	270.630
36724.828	40276.047	26.013	27.388	27.230
1.018				
12/13/2015 9:00:00 PM	1069200.000	120.125	20.383	270.593

36748.168	40302.379	26.031	27.406	27.212
1.018				
12/13/2015 9:15:00 PM	1070100.000	120.168	20.386	270.690
36732.152	40282.371	26.017	27.392	27.224
1.018				
12/13/2015 9:30:00 PM	1071000.000	120.187	20.379	270.734
36754.809	40312.461	26.039	27.412	27.207
1.018				
12/13/2015 9:45:00 PM	1071900.000	120.181	20.382	270.719
36740.445	40294.938	26.026	27.401	27.218
1.018				
12/13/2015 10:00:00 PM	1072800.000	120.214	20.384	270.794
36739.980	40292.137	26.024	27.399	27.218
1.018				
12/13/2015 10:15:00 PM	1073700.000	120.224	20.387	270.817
36739.785	40289.340	26.022	27.397	27.218
1.018				
12/13/2015 10:30:00 PM	1074600.000	120.242	20.388	270.858
36756.926	40307.176	26.035	27.409	27.206
1.018				
12/13/2015 10:45:00 PM	1075500.000	120.276	20.387	270.933
36729.137	40277.961	26.014	27.389	27.226
1.018				
12/13/2015 11:00:00 PM	1076400.000	120.282	20.382	270.946
36735.473	40289.188	26.022	27.397	27.222
1.018				
12/13/2015 11:15:00 PM	1077300.000	120.313	20.386	271.016
36748.672	40300.191	26.030	27.404	27.212
1.018				
12/13/2015 11:30:00 PM	1078200.000	120.357	20.384	271.115
36745.082	40297.660	26.028	27.402	27.215
1.018				
12/13/2015 11:45:00 PM	1079100.000	120.351	20.377	271.102
36745.707	40304.555	26.033	27.407	27.214
1.018				
12/14/2015 12:00:00 AM	1080000.000	120.374	20.383	271.154
36740.941	40294.523	26.026	27.400	27.218
1.018				
12/14/2015 12:15:00 AM	1080900.000	120.384	20.384	271.177
36750.508	40304.207	26.033	27.407	27.211
1.018				
12/14/2015 12:30:00 AM	1081800.000	120.400	20.379	271.213
36742.090	40298.816	26.029	27.403	27.217
1.018				
12/14/2015 12:45:00 AM	1082700.000	120.403	20.385	271.219
36753.633	40306.895	26.035	27.409	27.208
1.018				
12/14/2015 1:00:00 AM	1083600.000	120.448	20.385	271.321
36730.797	40281.477	26.017	27.391	27.225
1.018				
12/14/2015 1:15:00 AM	1084500.000	120.439	20.384	271.300
36756.375	40310.191	26.037	27.411	27.206
1.018				
12/14/2015 1:30:00 AM	1085400.000	120.461	20.384	271.350
36733.879	40285.816	26.020	27.394	27.223
1.018				
12/14/2015 1:45:00 AM	1086300.000	120.486	20.383	271.406
36755.449	40309.848	26.037	27.411	27.207

1.018				
12/14/2015 2:00:00 AM	1087200.000	120.482	20.380	271.397
36716.426	40269.781	26.008	27.383	27.236
1.018				
12/14/2015 2:15:00 AM	1088100.000	120.488	20.387	271.410
36746.617	40297.500	26.028	27.402	27.213
1.018				
12/14/2015 2:30:00 AM	1089000.000	120.463	20.387	271.355
36744.676	40294.773	26.026	27.400	27.215
1.018				
12/14/2015 2:45:00 AM	1089900.000	120.486	20.388	271.406
36760.434	40311.242	26.038	27.412	27.203
1.018				
12/14/2015 3:00:00 AM	1090800.000	120.484	20.381	271.402
36728.375	40282.582	26.017	27.392	27.227
1.018				
12/14/2015 3:15:00 AM	1091700.000	120.452	20.382	271.329
36747.078	40301.547	26.031	27.405	27.213
1.018				
12/14/2015 3:30:00 AM	1092600.000	120.488	20.378	271.410
36724.324	40280.578	26.016	27.391	27.230
1.018				
12/14/2015 3:45:00 AM	1093500.000	120.473	20.383	271.377
36749.012	40303.523	26.032	27.406	27.212
1.018				
12/14/2015 4:00:00 AM	1094400.000	120.447	20.381	271.319
36712.465	40265.063	26.005	27.380	27.239
1.018				
12/14/2015 4:15:00 AM	1095300.000	120.461	20.381	271.351
36735.867	40290.066	26.023	27.397	27.221
1.018				
12/14/2015 4:30:00 AM	1096200.000	120.453	20.383	271.332
36746.734	40300.875	26.030	27.405	27.213
1.018				
12/14/2015 4:45:00 AM	1097100.000	120.457	20.383	271.341
36732.957	40285.469	26.019	27.394	27.224
1.018				
12/14/2015 5:00:00 AM	1098000.000	120.430	20.384	271.281
36749.121	40302.090	26.031	27.405	27.212
1.018				
12/14/2015 5:15:00 AM	1098900.000	120.429	20.385	271.279
36762.457	40315.980	26.041	27.415	27.202
1.018				
12/14/2015 5:30:00 AM	1099800.000	120.417	20.385	271.251
36738.059	40289.066	26.022	27.397	27.220
1.018				
12/14/2015 5:45:00 AM	1100700.000	120.419	20.385	271.255
36761.352	40314.988	26.041	27.414	27.202
1.018				
12/14/2015 6:00:00 AM	1101600.000	120.409	20.385	271.232
36745.805	40297.719	26.028	27.402	27.214
1.018				
12/14/2015 6:15:00 AM	1102500.000	120.410	20.379	271.234
36738.066	40294.543	26.026	27.400	27.220
1.018				
12/14/2015 6:30:00 AM	1103400.000	120.436	20.381	271.293
36730.215	40284.230	26.018	27.393	27.226
1.018				

12/14/2015 6:45:00 AM	1104300.000	120.443	20.382	271.309
36755.805	40311.121	26.038	27.412	27.207
1.018				
12/14/2015 7:00:00 AM	1105200.000	120.437	20.383	271.296
36765.234	40320.938	26.045	27.418	27.200
1.018				
12/14/2015 7:15:00 AM	1106100.000	120.458	20.385	271.343
36751.719	40304.125	26.033	27.407	27.210
1.018				
12/14/2015 7:30:00 AM	1107000.000	120.458	20.383	271.343
36745.387	40298.953	26.029	27.403	27.214
1.018				
12/14/2015 7:45:00 AM	1107900.000	120.446	20.379	271.316
36732.055	40288.324	26.021	27.396	27.224
1.018				
12/14/2015 8:00:00 AM	1108800.000	120.463	20.381	271.354
36740.281	40295.273	26.026	27.401	27.218
1.018				
12/14/2015 8:15:00 AM	1109700.000	120.488	20.380	271.410
36750.391	40307.172	26.035	27.409	27.211
1.018				
12/14/2015 8:30:00 AM	1110600.000	120.478	20.379	271.387
36730.027	40285.430	26.019	27.394	27.226
1.018				
12/14/2015 8:45:00 AM	1111500.000	120.489	20.375	271.412
36719.805	40277.695	26.014	27.389	27.233
1.018				
12/14/2015 9:00:00 AM	1112400.000	120.534	20.377	271.514
36762.379	40323.281	26.046	27.420	27.202
1.018				
12/14/2015 9:15:00 AM	1113300.000	120.543	20.377	271.535
36724.656	40281.387	26.016	27.391	27.230
1.018				
12/14/2015 9:30:00 AM	1114200.000	120.549	20.375	271.549
36757.781	40319.125	26.043	27.417	27.205
1.018				
12/14/2015 9:45:00 AM	1115100.000	120.570	20.380	271.595
36735.598	40291.023	26.023	27.398	27.222
1.018				
12/14/2015 10:00:00 AM	1116000.000	120.589	20.383	271.639
36762.875	40318.133	26.043	27.416	27.201
1.018				
12/14/2015 10:15:00 AM	1116900.000	120.590	20.381	271.641
36737.426	40292.219	26.024	27.399	27.220
1.018				
12/14/2015 10:30:00 AM	1117800.000	120.604	20.377	271.672
36713.422	40269.367	26.008	27.383	27.238
1.018				
12/14/2015 10:45:00 AM	1118700.000	120.651	20.373	271.779
36706.109	40264.887	26.004	27.380	27.243
1.018				
12/14/2015 11:00:00 AM	1119600.000	120.658	20.371	271.793
36741.512	40305.047	26.033	27.407	27.217
1.018				
12/14/2015 11:15:00 AM	1120500.000	120.678	20.371	271.839
36735.949	40298.797	26.028	27.403	27.221
1.018				
12/14/2015 11:30:00 AM	1121400.000	120.672	20.371	271.825

36705.512	40265.336	26.005	27.380	27.244
1.018				
12/14/2015 11:45:00 AM	1122300.000	120.683	20.375	271.851
36745.438	40305.883	26.034	27.408	27.214
1.018				
12/14/2015 12:00:00 PM	1123200.000	120.703	20.374	271.896
36749.035	40310.863	26.037	27.411	27.212
1.018				
12/14/2015 12:15:00 PM	1124100.000	120.681	20.375	271.845
36716.809	40274.254	26.011	27.386	27.235
1.018				
12/14/2015 12:30:00 PM	1125000.000	120.688	20.377	271.862
36715.391	40270.934	26.009	27.384	27.237
1.018				
12/14/2015 12:45:00 PM	1125900.000	120.683	20.373	271.851
36715.953	40275.457	26.012	27.387	27.236
1.018				
12/14/2015 1:00:00 PM	1126800.000	120.706	20.374	271.902
36735.738	40296.055	26.027	27.401	27.221
1.018				
12/14/2015 1:15:00 PM	1127700.000	120.675	20.375	271.832
36741.734	40301.820	26.031	27.405	27.217
1.018				
12/14/2015 1:30:00 PM	1128600.000	120.675	20.369	271.832
36740.832	40305.707	26.033	27.408	27.218
1.018				
12/14/2015 1:45:00 PM	1129500.000	120.666	20.373	271.811
36736.770	40298.371	26.028	27.403	27.221
1.018				
12/14/2015 2:00:00 PM	1130400.000	120.674	20.378	271.830
36734.758	40292.102	26.024	27.399	27.222
1.018				
12/14/2015 2:15:00 PM	1131300.000	120.621	20.376	271.710
36739.461	40298.656	26.029	27.403	27.219
1.018				
12/14/2015 2:30:00 PM	1132200.000	120.614	20.386	271.694
36728.223	40278.211	26.014	27.389	27.227
1.018				
12/14/2015 2:45:00 PM	1133100.000	120.581	20.378	271.620
36741.754	40299.328	26.029	27.404	27.217
1.018				
12/14/2015 3:00:00 PM	1134000.000	120.577	20.376	271.611
36726.703	40284.816	26.019	27.394	27.228
1.018				
12/14/2015 3:15:00 PM	1134900.000	120.566	20.375	271.588
36728.645	40287.539	26.021	27.396	27.227
1.018				
12/14/2015 3:30:00 PM	1135800.000	120.545	20.378	271.540
36712.848	40267.770	26.007	27.382	27.238
1.018				
12/14/2015 3:45:00 PM	1136700.000	120.530	20.377	271.506
36776.047	40338.273	26.057	27.430	27.192
1.018				
12/14/2015 4:00:00 PM	1137600.000	120.496	20.383	271.430
36738.352	40291.684	26.024	27.398	27.220
1.018				
12/14/2015 4:15:00 PM	1138500.000	120.466	20.381	271.361
36749.465	40305.641	26.034	27.408	27.211

1.018				
12/14/2015 4:30:00 PM	1139400.000	120.440	20.381	271.302
36754.281	40310.852	26.037	27.411	27.208
1.018				
12/14/2015 4:45:00 PM	1140300.000	120.387	20.382	271.183
36748.047	40302.766	26.032	27.406	27.212
1.018				
12/14/2015 5:00:00 PM	1141200.000	120.387	20.379	271.183
36731.152	40286.586	26.020	27.395	27.225
1.018				
12/14/2015 5:15:00 PM	1142100.000	120.362	20.389	271.128
36775.156	40327.090	26.049	27.422	27.192
1.018				
12/14/2015 5:30:00 PM	1143000.000	120.321	20.390	271.034
36726.602	40272.441	26.010	27.385	27.228
1.018				
12/14/2015 5:45:00 PM	1143900.000	120.274	20.384	270.930
36738.488	40290.578	26.023	27.398	27.219
1.018				
12/14/2015 6:00:00 PM	1144800.000	120.248	20.386	270.871
36746.875	40298.594	26.029	27.403	27.213
1.018				
12/14/2015 6:15:00 PM	1145700.000	120.226	20.390	270.821
36759.785	40308.906	26.036	27.410	27.204
1.018				
12/14/2015 6:30:00 PM	1146600.000	120.226	20.393	270.821
36754.316	40300.918	26.031	27.405	27.208
1.018				
12/14/2015 6:45:00 PM	1147500.000	120.217	20.391	270.800
36763.164	40311.871	26.039	27.412	27.201
1.018				
12/14/2015 7:00:00 PM	1148400.000	120.195	20.393	270.751
36745.816	40291.445	26.024	27.398	27.214
1.018				
12/14/2015 7:15:00 PM	1149300.000	120.181	20.391	270.720
36747.770	40295.434	26.027	27.401	27.213
1.018				
12/14/2015 7:30:00 PM	1150200.000	120.154	20.389	270.657
36710.484	40255.730	25.998	27.374	27.240
1.018				
12/14/2015 7:45:00 PM	1151100.000	120.176	20.389	270.708
36722.832	40269.125	26.008	27.383	27.231
1.018				
12/14/2015 8:00:00 PM	1152000.000	120.163	20.389	270.678
36728.207	40274.949	26.012	27.387	27.227
1.018				
12/14/2015 8:15:00 PM	1152900.000	120.137	20.389	270.620
36706.730	40251.613	25.995	27.371	27.243
1.018				
12/14/2015 8:30:00 PM	1153800.000	120.149	20.387	270.648
36765.762	40318.414	26.043	27.417	27.199
1.018				
12/14/2015 8:45:00 PM	1154700.000	120.149	20.387	270.648
36753.113	40303.953	26.033	27.407	27.209
1.018				
12/14/2015 9:00:00 PM	1155600.000	120.166	20.390	270.685
36736.383	40283.473	26.018	27.393	27.221
1.018				

12/14/2015 9:15:00 PM	1156500.000	120.176	20.388	270.708
36730.363	40278.633	26.015	27.389	27.225
1.018				
12/14/2015 9:30:00 PM	1157400.000	120.183	20.391	270.723
36727.438	40272.625	26.010	27.385	27.228
1.018				
12/14/2015 9:45:00 PM	1158300.000	120.205	20.385	270.774
36732.508	40283.500	26.018	27.393	27.224
1.018				
12/14/2015 10:00:00 PM	1159200.000	120.218	20.385	270.802
36727.563	40278.148	26.014	27.389	27.228
1.018				
12/14/2015 10:15:00 PM	1160100.000	120.224	20.387	270.817
36729.391	40278.609	26.015	27.389	27.226
1.018				
12/14/2015 10:30:00 PM	1161000.000	120.220	20.385	270.807
36704.281	40252.250	25.996	27.372	27.245
1.018				
12/14/2015 10:45:00 PM	1161900.000	120.248	20.379	270.871
36755.977	40314.188	26.040	27.414	27.206
1.018				
12/14/2015 11:00:00 PM	1162800.000	120.298	20.384	270.983
36732.832	40284.738	26.019	27.394	27.224
1.018				
12/14/2015 11:15:00 PM	1163700.000	120.300	20.386	270.988
36728.031	40277.406	26.014	27.389	27.227
1.018				
12/14/2015 11:30:00 PM	1164600.000	120.327	20.381	271.048
36736.051	40290.406	26.023	27.397	27.221
1.018				
12/14/2015 11:45:00 PM	1165500.000	120.348	20.385	271.096
36709.086	40257.520	25.999	27.375	27.241
1.018				
12/15/2015 12:00:00 AM	1166400.000	120.378	20.387	271.163
36743.961	40294.586	26.026	27.400	27.215
1.018				
12/15/2015 12:15:00 AM	1167300.000	120.374	20.387	271.154
36755.477	40307.133	26.035	27.409	27.207
1.018				
12/15/2015 12:30:00 AM	1168200.000	120.391	20.382	271.193
36712.016	40263.320	26.003	27.379	27.239
1.018				
12/15/2015 12:45:00 AM	1169100.000	120.431	20.386	271.283
36722.277	40270.879	26.009	27.384	27.231
1.018				
12/15/2015 1:00:00 AM	1170000.000	120.427	20.385	271.273
36751.422	40303.723	26.032	27.407	27.210
1.018				
12/15/2015 1:15:00 AM	1170900.000	120.467	20.381	271.364
36759.598	40316.234	26.041	27.415	27.204
1.018				
12/15/2015 1:30:00 AM	1171800.000	120.459	20.381	271.346
36750.180	40305.980	26.034	27.408	27.211
1.018				
12/15/2015 1:45:00 AM	1172700.000	120.474	20.381	271.379
36716.637	40269.566	26.008	27.383	27.236
1.018				
12/15/2015 2:00:00 AM	1173600.000	120.502	20.382	271.444

36696.480	40246.129	25.991	27.367	27.251
1.018				
12/15/2015 2:15:00 AM	1174500.000	120.512	20.386	271.465
36768.813	40322.203	26.046	27.419	27.197
1.018				
12/15/2015 2:30:00 AM	1175400.000	120.519	20.385	271.482
36715.316	40264.500	26.004	27.380	27.237
1.018				
12/15/2015 2:45:00 AM	1176300.000	120.527	20.385	271.499
36725.305	40275.383	26.012	27.387	27.229
1.018				
12/15/2015 3:00:00 AM	1177200.000	120.534	20.388	271.514
36721.207	40268.301	26.007	27.382	27.232
1.018				
12/15/2015 3:15:00 AM	1178100.000	120.515	20.384	271.472
36734.461	40285.941	26.020	27.394	27.222
1.018				
12/15/2015 3:30:00 AM	1179000.000	120.541	20.380	271.530
36727.391	40282.320	26.017	27.392	27.228
1.018				
12/15/2015 3:45:00 AM	1179900.000	120.520	20.384	271.484
36729.234	40280.879	26.016	27.391	27.226
1.018				
12/15/2015 4:00:00 AM	1180800.000	120.504	20.388	271.448
36721.367	40268.551	26.007	27.383	27.232
1.018				
12/15/2015 4:15:00 AM	1181700.000	120.523	20.386	271.489
36757.215	40309.410	26.037	27.410	27.206
1.018				
12/15/2015 4:30:00 AM	1182600.000	120.498	20.381	271.435
36728.246	40281.637	26.017	27.392	27.227
1.018				
12/15/2015 4:45:00 AM	1183500.000	120.501	20.382	271.441
36748.082	40303.168	26.032	27.406	27.212
1.018				
12/15/2015 5:00:00 AM	1184400.000	120.511	20.384	271.463
36732.207	40284.055	26.018	27.393	27.224
1.018				
12/15/2015 5:15:00 AM	1185300.000	120.489	20.378	271.412
36731.680	40288.723	26.021	27.396	27.224
1.018				
12/15/2015 5:30:00 AM	1186200.000	120.497	20.381	271.432
36742.828	40298.363	26.028	27.403	27.216
1.018				
12/15/2015 5:45:00 AM	1187100.000	120.485	20.381	271.403
36722.594	40276.172	26.013	27.388	27.231
1.018				
12/15/2015 6:00:00 AM	1188000.000	120.498	20.379	271.435
36724.977	40279.813	26.015	27.390	27.229
1.018				
12/15/2015 6:15:00 AM	1188900.000	120.485	20.382	271.403
36703.379	40254.219	25.997	27.373	27.245
1.018				
12/15/2015 6:30:00 AM	1189800.000	120.467	20.382	271.364
36749.391	40304.313	26.033	27.407	27.211
1.018				
12/15/2015 6:45:00 AM	1190700.000	120.462	20.386	271.352
36694.469	40241.121	25.988	27.364	27.252

1.018				
12/15/2015 7:00:00 AM	1191600.000	120.455	20.380	271.337
36743.227	40298.949	26.029	27.403	27.216
1.018				
12/15/2015 7:15:00 AM	1192500.000	120.485	20.378	271.403
36700.051	40253.441	25.996	27.372	27.248
1.018				
12/15/2015 7:30:00 AM	1193400.000	120.457	20.383	271.341
36751.773	40306.402	26.034	27.408	27.210
1.018				
12/15/2015 7:45:00 AM	1194300.000	120.479	20.385	271.390
36708.914	40257.332	25.999	27.375	27.241
1.018				
12/15/2015 8:00:00 AM	1195200.000	120.488	20.383	271.410
36728.578	40280.598	26.016	27.391	27.227
1.018				
12/15/2015 8:15:00 AM	1196100.000	120.493	20.384	271.423
36764.469	40318.922	26.043	27.417	27.200
1.018				
12/15/2015 8:30:00 AM	1197000.000	120.484	20.377	271.401
36714.145	40269.641	26.008	27.383	27.237
1.018				
12/15/2015 8:45:00 AM	1197900.000	120.478	20.380	271.387
36730.121	40285.242	26.019	27.394	27.226
1.018				
12/15/2015 9:00:00 AM	1198800.000	120.503	20.383	271.445
36728.375	40280.297	26.016	27.391	27.227
1.018				
12/15/2015 9:15:00 AM	1199700.000	120.527	20.383	271.499
36724.949	40277.063	26.013	27.388	27.229
1.018				
12/15/2015 9:30:00 AM	1200600.000	120.544	20.383	271.536
36747.324	40301.672	26.031	27.405	27.213
1.018				
12/15/2015 9:45:00 AM	1201500.000	120.533	20.384	271.512
36721.617	40272.441	26.010	27.385	27.232
1.018				
12/15/2015 10:00:00 AM	1202400.000	120.534	20.382	271.514
36721.941	40274.645	26.012	27.387	27.232
1.018				
12/15/2015 10:15:00 AM	1203300.000	120.574	20.381	271.606
36720.348	40273.188	26.010	27.386	27.233
1.018				
12/15/2015 10:30:00 AM	1204200.000	120.590	20.376	271.642
36715.777	40272.234	26.010	27.385	27.236
1.018				
12/15/2015 10:45:00 AM	1205100.000	120.599	20.379	271.662
36714.938	40269.398	26.008	27.383	27.237
1.018				
12/15/2015 11:00:00 AM	1206000.000	120.631	20.382	271.733
36732.832	40286.152	26.020	27.395	27.224
1.018				
12/15/2015 11:15:00 AM	1206900.000	120.639	20.383	271.751
36732.582	40284.695	26.019	27.394	27.224
1.018				
12/15/2015 11:30:00 AM	1207800.000	120.654	20.379	271.784
36736.945	40293.172	26.025	27.399	27.221
1.018				

12/15/2015 11:45:00 AM	1208700.000	120.683	20.379	271.850
36706.750	40260.055	26.001	27.377	27.243
1.018				
12/15/2015 12:00:00 PM	1209600.000	120.668	20.376	271.817
36727.313	40285.559	26.019	27.394	27.228
1.018				
12/15/2015 12:15:00 PM	1210500.000	120.674	20.376	271.829
36745.109	40305.008	26.033	27.407	27.215
1.018				
12/15/2015 12:30:00 PM	1211400.000	120.681	20.381	271.845
36714.230	40266.996	26.006	27.382	27.237
1.018				
12/15/2015 12:45:00 PM	1212300.000	120.688	20.379	271.862
36718.309	40272.578	26.010	27.385	27.234
1.018				
12/15/2015 1:00:00 PM	1213200.000	120.687	20.383	271.859
36734.523	40287.563	26.021	27.396	27.222
1.018				
12/15/2015 1:15:00 PM	1214100.000	120.689	20.379	271.865
36716.367	40270.672	26.009	27.384	27.236
1.018				
12/15/2015 1:30:00 PM	1215000.000	120.706	20.379	271.902
36711.473	40265.004	26.005	27.380	27.239
1.018				
12/15/2015 1:45:00 PM	1215900.000	120.687	20.379	271.859
36766.609	40325.777	26.048	27.422	27.199
1.018				
12/15/2015 2:00:00 PM	1216800.000	120.709	20.375	271.908
36715.762	40273.105	26.010	27.386	27.236
1.018				
12/15/2015 2:15:00 PM	1217700.000	120.706	20.375	271.902
36692.383	40247.461	25.992	27.368	27.254
1.018				
12/15/2015 2:30:00 PM	1218600.000	120.679	20.380	271.841
36700.738	40253.086	25.996	27.372	27.247
1.018				
12/15/2015 2:45:00 PM	1219500.000	120.666	20.381	271.811
36735.840	40290.551	26.023	27.398	27.221
1.018				
12/15/2015 3:00:00 PM	1220400.000	120.654	20.378	271.784
36721.848	40277.348	26.013	27.389	27.232
1.018				
12/15/2015 3:15:00 PM	1221300.000	120.638	20.376	271.748
36718.250	40275.246	26.012	27.387	27.234
1.018				
12/15/2015 3:30:00 PM	1222200.000	120.644	20.375	271.764
36733.242	40292.434	26.024	27.399	27.223
1.018				
12/15/2015 3:45:00 PM	1223100.000	120.615	20.380	271.697
36712.762	40266.051	26.005	27.381	27.238
1.018				
12/15/2015 4:00:00 PM	1224000.000	120.599	20.383	271.662
36727.859	40280.324	26.016	27.391	27.227
1.018				
12/15/2015 4:15:00 PM	1224900.000	120.566	20.381	271.588
36737.156	40292.070	26.024	27.399	27.220
1.018				
12/15/2015 4:30:00 PM	1225800.000	120.556	20.381	271.565

36708.105	40260.281	26.001	27.377	27.242
1.018				
12/15/2015 4:45:00 PM	1226700.000	120.530	20.382	271.506
36739.641	40293.316	26.025	27.399	27.219
1.018				
12/15/2015 5:00:00 PM	1227600.000	120.504	20.387	271.448
36721.023	40268.906	26.008	27.383	27.232
1.018				
12/15/2015 5:15:00 PM	1228500.000	120.450	20.381	271.326
36733.527	40287.426	26.021	27.395	27.223
1.018				
12/15/2015 5:30:00 PM	1229400.000	120.419	20.378	271.255
36721.414	40276.727	26.013	27.388	27.232
1.018				
12/15/2015 5:45:00 PM	1230300.000	120.419	20.380	271.255
36729.707	40284.789	26.019	27.394	27.226
1.018				
12/15/2015 6:00:00 PM	1231200.000	120.383	20.383	271.174
36751.063	40305.625	26.034	27.408	27.210
1.018				
12/15/2015 6:15:00 PM	1232100.000	120.375	20.388	271.157
36773.840	40326.238	26.049	27.422	27.193
1.018				
12/15/2015 6:30:00 PM	1233000.000	120.357	20.388	271.115
36736.891	40285.207	26.019	27.394	27.221
1.018				
12/15/2015 6:45:00 PM	1233900.000	120.304	20.386	270.997
36710.016	40257.582	25.999	27.375	27.241
1.018				
12/15/2015 7:00:00 PM	1234800.000	120.286	20.387	270.957
36720.746	40269.047	26.008	27.383	27.233
1.018				
12/15/2015 7:15:00 PM	1235700.000	120.275	20.381	270.932
36720.223	40273.500	26.011	27.386	27.233
1.018				
12/15/2015 7:30:00 PM	1236600.000	120.271	20.386	270.922
36685.266	40231.102	25.980	27.357	27.259
1.018				
12/15/2015 7:45:00 PM	1237500.000	120.226	20.382	270.821
36697.660	40247.789	25.992	27.368	27.250
1.018				
12/15/2015 8:00:00 PM	1238400.000	120.212	20.391	270.790
36723.820	40268.590	26.008	27.383	27.230
1.018				
12/15/2015 8:15:00 PM	1239300.000	120.230	20.393	270.829
36755.617	40302.121	26.032	27.405	27.207
1.018				
12/15/2015 8:30:00 PM	1240200.000	120.199	20.384	270.760
36722.344	40272.723	26.010	27.385	27.231
1.018				
12/15/2015 8:45:00 PM	1241100.000	120.188	20.383	270.735
36693.137	40242.094	25.988	27.365	27.253
1.018				
12/15/2015 9:00:00 PM	1242000.000	120.221	20.381	270.810
36708.727	40260.227	26.001	27.377	27.241
1.018				
12/15/2015 9:15:00 PM	1242900.000	120.196	20.388	270.754
36725.977	40273.531	26.011	27.386	27.229

1.018				
12/15/2015 9:30:00 PM	1243800.000	120.229	20.389	270.827
36740.469	40289.055	26.022	27.397	27.218
1.018				
12/15/2015 9:45:00 PM	1244700.000	120.230	20.387	270.829
36716.668	40264.129	26.004	27.380	27.236
1.018				
12/15/2015 10:00:00 PM	1245600.000	120.230	20.391	270.829
36721.344	40266.457	26.006	27.381	27.232
1.018				
12/15/2015 10:15:00 PM	1246500.000	120.218	20.386	270.802
36736.676	40287.184	26.021	27.395	27.221
1.018				
12/15/2015 10:30:00 PM	1247400.000	120.236	20.388	270.843
36704.805	40250.684	25.995	27.370	27.244
1.018				
12/15/2015 10:45:00 PM	1248300.000	120.265	20.394	270.909
36717.219	40258.980	26.001	27.376	27.235
1.018				
12/15/2015 11:00:00 PM	1249200.000	120.291	20.392	270.967
36730.602	40275.578	26.013	27.387	27.225
1.018				
12/15/2015 11:15:00 PM	1250100.000	120.289	20.384	270.964
36705.414	40254.156	25.997	27.373	27.244
1.018				
12/15/2015 11:30:00 PM	1251000.000	120.325	20.388	271.044
36739.832	40289.016	26.022	27.397	27.218
1.018				
12/15/2015 11:45:00 PM	1251900.000	120.328	20.388	271.051
36724.543	40272.480	26.010	27.385	27.230
1.018				
12/16/2015 12:00:00 AM	1252800.000	120.348	20.388	271.097
36704.227	40250.121	25.994	27.370	27.245
1.018				
12/16/2015 12:15:00 AM	1253700.000	120.372	20.389	271.151
36735.277	40283.289	26.018	27.393	27.222
1.018				
12/16/2015 12:30:00 AM	1254600.000	120.417	20.393	271.252
36704.246	40245.793	25.991	27.367	27.245
1.018				
12/16/2015 12:45:00 AM	1255500.000	120.430	20.393	271.280
36754.020	40300.371	26.030	27.404	27.208
1.018				
12/16/2015 1:00:00 AM	1256400.000	120.437	20.394	271.296
36723.688	40265.781	26.006	27.381	27.230
1.018				
12/16/2015 1:15:00 AM	1257300.000	120.443	20.388	271.310
36711.352	40257.199	25.999	27.375	27.240
1.018				
12/16/2015 1:30:00 AM	1258200.000	120.483	20.389	271.401
36713.180	40258.613	26.000	27.376	27.238
1.018				
12/16/2015 1:45:00 AM	1259100.000	120.519	20.384	271.482
36726.969	40277.945	26.014	27.389	27.228
1.018				
12/16/2015 2:00:00 AM	1260000.000	120.544	20.389	271.536
36703.297	40248.078	25.993	27.369	27.246
1.018				

12/16/2015 2:15:00 AM	1260900.000	120.552	20.383	271.555
36697.340	40246.406	25.991	27.368	27.250
1.018				
12/16/2015 2:30:00 AM	1261800.000	120.560	20.382	271.572
36724.828	40277.301	26.013	27.389	27.230
1.018				
12/16/2015 2:45:00 AM	1262700.000	120.549	20.385	271.549
36709.691	40258.035	26.000	27.375	27.241
1.018				
12/16/2015 3:00:00 AM	1263600.000	120.582	20.382	271.623
36672.809	40220.391	25.973	27.350	27.268
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12/16/2015 3:15:00 AM	1264500.000	120.605	20.384	271.675
36744.359	40297.016	26.028	27.402	27.215
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12/16/2015 3:30:00 AM	1265400.000	120.583	20.385	271.624
36716.527	40266.133	26.006	27.381	27.236
1.018				
12/16/2015 3:45:00 AM	1266300.000	120.605	20.387	271.675
36732.438	40281.352	26.017	27.391	27.224
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12/16/2015 4:00:00 AM	1267200.000	120.605	20.385	271.675
36698.879	40246.691	25.992	27.368	27.249
1.018				
12/16/2015 4:15:00 AM	1268100.000	120.604	20.383	271.672
36723.672	40275.512	26.012	27.387	27.230
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12/16/2015 4:30:00 AM	1269000.000	120.596	20.386	271.655
36737.176	40287.363	26.021	27.395	27.220
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36718.469	40267.441	26.007	27.382	27.234
1.018				
12/16/2015 5:00:00 AM	1270800.000	120.583	20.386	271.624
36716.828	40265.645	26.005	27.381	27.235
1.018				
12/16/2015 5:15:00 AM	1271700.000	120.580	20.383	271.617
36720.070	40271.117	26.009	27.384	27.233
1.018				
12/16/2015 5:30:00 AM	1272600.000	120.571	20.384	271.598
36709.840	40258.941	26.000	27.376	27.241
1.018				
12/16/2015 5:45:00 AM	1273500.000	120.572	20.382	271.600
36700.527	40250.652	25.994	27.370	27.248
1.018				
12/16/2015 6:00:00 AM	1274400.000	120.581	20.381	271.620
36718.207	40270.695	26.009	27.384	27.234
1.018				
12/16/2015 6:15:00 AM	1275300.000	120.581	20.380	271.620
36714.055	40267.621	26.006	27.382	27.238
1.018				
12/16/2015 6:30:00 AM	1276200.000	120.556	20.382	271.565
36723.969	40276.129	26.013	27.388	27.230
1.018				
12/16/2015 6:45:00 AM	1277100.000	120.574	20.381	271.604
36733.641	40287.840	26.021	27.396	27.223
1.018				
12/16/2015 7:00:00 AM	1278000.000	120.542	20.380	271.532

36702.070	40253.809	25.997	27.373	27.246
1.018				
12/16/2015 7:15:00 AM	1278900.000	120.543	20.379	271.535
36731.719	40287.512	26.021	27.396	27.224
1.018				
12/16/2015 7:30:00 AM	1279800.000	120.542	20.378	271.533
36689.031	40241.430	25.988	27.364	27.256
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12/16/2015 7:45:00 AM	1280700.000	120.556	20.375	271.565
36704.926	40261.375	26.002	27.378	27.244
1.018				
12/16/2015 8:00:00 AM	1281600.000	120.051	20.373	270.427
36722.598	40282.895	26.017	27.392	27.231
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12/16/2015 8:15:00 AM	1282500.000	118.920	20.382	267.878
36726.352	40279.254	26.015	27.390	27.228
1.018				
12/16/2015 8:30:00 AM	1283400.000	118.897	20.406	267.826
36856.801	40402.184	26.104	27.473	27.132
1.018				
12/16/2015 8:45:00 AM	1284300.000	118.888	20.411	267.806
36900.336	40445.094	26.135	27.503	27.100
1.018				
12/16/2015 9:00:00 AM	1285200.000	118.906	20.410	267.847
36940.648	40490.012	26.167	27.533	27.070
1.018				
12/16/2015 9:15:00 AM	1286100.000	118.895	20.419	267.824
36834.027	40365.754	26.078	27.449	27.149
1.018				
12/16/2015 9:30:00 AM	1287000.000	118.868	20.424	267.762
36619.348	40126.887	25.907	27.286	27.308
1.018				
12/16/2015 9:45:00 AM	1287900.000	118.907	20.422	267.851
36463.230	39957.137	25.786	27.171	27.425
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12/16/2015 10:00:00 AM	1288800.000	120.194	20.425	270.750
36160.387	39622.371	25.546	26.943	27.655
1.017				
12/16/2015 10:15:00 AM	1289700.000	120.221	20.428	270.810
35776.113	39199.074	25.244	26.655	27.952
1.017				
12/16/2015 10:30:00 AM	1290600.000	120.220	20.427	270.806
35481.176	38876.992	25.015	26.436	28.184
1.017				
12/16/2015 10:45:00 AM	1291500.000	120.242	20.422	270.858
35225.074	38600.621	24.818	26.248	28.389
1.017				
12/16/2015 11:00:00 AM	1292400.000	120.253	20.419	270.881
35155.926	38526.547	24.765	26.198	28.445
1.017				
12/16/2015 11:15:00 AM	1293300.000	120.241	20.417	270.855
35086.820	38452.711	24.712	26.148	28.501
1.017				
12/16/2015 11:30:00 AM	1294200.000	120.630	20.414	271.730
34968.672	38325.758	24.622	26.062	28.597
1.017				
12/16/2015 11:45:00 AM	1295100.000	120.643	20.421	271.761
34825.215	38163.219	24.506	25.951	28.715

1.017					
12/16/2015 12:00:00 PM	1296000.000	120.656	20.419	271.790	
34794.730	38130.859	24.483	25.929	28.740	
1.017					
12/16/2015 12:15:00 PM	1296900.000	120.665	20.418	271.810	
34735.547	38066.910	24.438	25.886	28.789	
1.017					
12/16/2015 12:30:00 PM	1297800.000	120.673	20.419	271.828	
34692.086	38018.578	24.404	25.853	28.825	
1.017					
12/16/2015 12:45:00 PM	1298700.000	120.694	20.416	271.876	
34706.707	38036.625	24.416	25.865	28.813	
1.017					
12/16/2015 1:00:00 PM	1299600.000	120.701	20.415	271.890	
34728.852	38062.148	24.434	25.882	28.795	
1.017					
12/16/2015 1:15:00 PM	1300500.000	120.716	20.414	271.924	
34710.102	38042.148	24.420	25.869	28.810	
1.017					
12/16/2015 1:30:00 PM	1301400.000	120.720	20.413	271.933	
34704.215	38036.477	24.416	25.865	28.815	
1.017					
12/16/2015 1:45:00 PM	1302300.000	120.726	20.416	271.948	
34701.578	38031.695	24.413	25.862	28.817	
1.017					
12/16/2015 2:00:00 PM	1303200.000	120.723	20.413	271.941	
34739.297	38075.414	24.444	25.891	28.786	
1.017					
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34777.488	38118.180	24.474	25.920	28.754	
1.017					
12/16/2015 2:30:00 PM	1305000.000	120.750	20.411	272.001	
34783.188	38124.699	24.479	25.925	28.750	
1.017					
12/16/2015 2:45:00 PM	1305900.000	120.727	20.410	271.950	
34799.461	38143.234	24.492	25.937	28.736	
1.017					
12/16/2015 3:00:00 PM	1306800.000	120.724	20.412	271.943	
34793.305	38135.227	24.486	25.932	28.741	
1.017					
12/16/2015 3:15:00 PM	1307700.000	120.706	20.412	271.902	
34797.770	38139.848	24.490	25.935	28.737	
1.017					
12/16/2015 3:30:00 PM	1308600.000	120.711	20.410	271.913	
34848.094	38196.965	24.530	25.974	28.696	
1.017					
12/16/2015 3:45:00 PM	1309500.000	120.699	20.410	271.886	
34915.383	38270.859	24.583	26.024	28.641	
1.017					
12/16/2015 4:00:00 PM	1310400.000	120.687	20.411	271.860	
34910.031	38264.012	24.578	26.020	28.645	
1.017					
12/16/2015 4:15:00 PM	1311300.000	120.667	20.410	271.814	
34906.969	38261.563	24.576	26.018	28.648	
1.017					
12/16/2015 4:30:00 PM	1312200.000	120.633	20.409	271.737	
34922.574	38279.508	24.589	26.030	28.635	
1.017					

12/16/2015 4:45:00 PM	1313100.000	120.629	20.409	271.728
34948.047	38307.293	24.608	26.049	28.614
1.017				
12/16/2015 5:00:00 PM	1314000.000	120.623	20.408	271.716
34929.285	38287.285	24.594	26.035	28.629
1.017				
12/16/2015 5:15:00 PM	1314900.000	120.592	20.408	271.646
34975.250	38337.387	24.630	26.069	28.592
1.017				
12/16/2015 5:30:00 PM	1315800.000	120.568	20.409	271.591
35017.785	38383.734	24.663	26.101	28.557
1.017				
12/16/2015 5:45:00 PM	1316700.000	120.549	20.408	271.549
34988.418	38351.820	24.640	26.079	28.581
1.017				
12/16/2015 6:00:00 PM	1317600.000	120.554	20.410	271.560
35010.820	38374.832	24.657	26.095	28.563
1.017				
12/16/2015 6:15:00 PM	1318500.000	120.498	20.410	271.435
34997.359	38360.715	24.646	26.085	28.574
1.017				
12/16/2015 6:30:00 PM	1319400.000	120.496	20.407	271.428
34996.367	38361.590	24.647	26.086	28.574
1.017				
12/16/2015 6:45:00 PM	1320300.000	120.453	20.408	271.331
35023.477	38390.250	24.667	26.105	28.552
1.017				
12/16/2015 7:00:00 PM	1321200.000	120.434	20.408	271.290
35038.320	38406.805	24.679	26.117	28.540
1.017				
12/16/2015 7:15:00 PM	1322100.000	120.425	20.408	271.270
35030.746	38398.434	24.673	26.111	28.546
1.017				
12/16/2015 7:30:00 PM	1323000.000	120.385	20.408	271.179
35027.621	38394.867	24.671	26.109	28.549
1.017				
12/16/2015 7:45:00 PM	1323900.000	120.367	20.407	271.137
35060.773	38432.121	24.697	26.134	28.522
1.017				
12/16/2015 8:00:00 PM	1324800.000	120.357	20.405	271.117
35080.344	38455.555	24.714	26.150	28.506
1.017				
12/16/2015 8:15:00 PM	1325700.000	120.333	20.408	271.061
35082.191	38455.172	24.714	26.150	28.504
1.017				
12/16/2015 8:30:00 PM	1326600.000	120.333	20.405	271.061
35089.438	38464.953	24.720	26.156	28.499
1.017				
12/16/2015 8:45:00 PM	1327500.000	120.313	20.408	271.018
35139.313	38517.785	24.758	26.192	28.458
1.017				
12/16/2015 9:00:00 PM	1328400.000	120.304	20.405	270.997
35124.578	38503.824	24.748	26.183	28.470
1.017				
12/16/2015 9:15:00 PM	1329300.000	120.297	20.403	270.980
35106.281	38485.742	24.735	26.170	28.485
1.017				
12/16/2015 9:30:00 PM	1330200.000	120.291	20.404	270.967

35114.992	38494.516	24.741	26.176	28.478
1.017				
12/16/2015 9:45:00 PM	1331100.000	120.291	20.404	270.967
35162.203	38546.063	24.778	26.211	28.440
1.017				
12/16/2015 10:00:00 PM	1332000.000	120.294	20.402	270.974
35144.289	38527.691	24.765	26.199	28.454
1.017				
12/16/2015 10:15:00 PM	1332900.000	120.286	20.403	270.956
35174.801	38560.500	24.788	26.221	28.429
1.017				
12/16/2015 10:30:00 PM	1333800.000	120.300	20.402	270.988
35186.789	38574.852	24.799	26.231	28.420
1.017				
12/16/2015 10:45:00 PM	1334700.000	120.317	20.402	271.026
35179.965	38567.086	24.793	26.226	28.425
1.017				
12/16/2015 11:00:00 PM	1335600.000	120.315	20.401	271.021
35185.211	38573.473	24.798	26.230	28.421
1.017				
12/16/2015 11:15:00 PM	1336500.000	120.334	20.401	271.064
35203.809	38593.785	24.812	26.244	28.406
1.017				
12/16/2015 11:30:00 PM	1337400.000	120.325	20.403	271.045
35174.738	38560.504	24.788	26.221	28.429
1.017				
12/16/2015 11:45:00 PM	1338300.000	120.362	20.399	271.128
35204.008	38595.988	24.814	26.245	28.406
1.017				

Report Date: 12/18/2015 1:47:53 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4M LT Test_2015-12-17_13-20-58-044-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-4M
Device Name:
Serial Number: 399060
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-4M LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/1/2015 2:51:41 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 2:55:00 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: 197.491 (ft)
Head Pressure: 86.6452 (PSI)
Temperature: 17.9952 (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 2:51:50 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:16:07 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time:
10/1/2015 2:55:00 PM	Stop Time: 10/8/2015 6:15:00 PM
10/15/2015 1:52:52 PM	Log Download - Used Battery: 22% Used Memory: 7% User Name: KMakar Interval - Start Time:
10/1/2015 2:55:00 PM	Stop Time: 10/15/2015 1:50:00 PM
10/15/2015 1:53:24 PM	Log Download - Used Battery: 22% Used Memory: 7% User Name: KMakar
10/22/2015 5:39:51 PM	Log Download - Used Battery: 23% Used Memory: 9% User Name: CShaw
10/26/2015 6:56:22 PM	Log Download - Used Battery: 24% Used Memory: 10% User Name: nreynolds Interval - Start
Time: 10/15/2015 12:00:00 AM	Stop Time: 10/26/2015 6:55:00 PM
10/27/2015 12:22:14 PM	Log Download - Used Battery: 24% Used Memory: 10% User Name: nreynolds Interval - Start
Time: 10/15/2015 12:00:00 AM	Stop Time: 10/27/2015 12:15:00 PM
10/29/2015 3:57:37 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 3:55:00 PM
11/5/2015 2:56:45 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 2:55:00 PM
11/12/2015 5:51:48 PM	Log Download - Used Battery: 25% Used Memory: 17% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/12/2015 6:50:00 PM
11/19/2015 3:52:29 PM	Log Download - Used Battery: 26% Used Memory: 20% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 3:50:00 PM
11/29/2015 10:30:20 AM	Log Download - Used Battery: 27% 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 11:38:07 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 11:35:00 AM
12/10/2015 4:10:09 PM	Log Download - Used Battery: 28% Used Memory: 26% User Name: CShaw Interval - Start Time:
10/13/2015 1:00:00 AM	Stop Time: 12/10/2015 5:05:00 PM
12/17/2015 1:17:11 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 1:15:00 PM
12/18/2015 1:45:57 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 4623

Sensors: 2

1 - 399060: 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: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	
SN#: 399060	SN#: 399060	SN#: 399060	SN#: 399060
SN#: 399060	SN#: 399060	SN#: 399060	SN#: 399060
SN#: 000000			

Date and Time	Elapsed Time	Corrected	Corrected	Depth (ft)	Actual
Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Total Dissolved Solids (ppm)	Resistivity
(ohm-cm)	Specific Conductivity (µS)	Salinity (PSU)	Barometric Pressure (PSI)		
	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	72.713	17.981	165.734	

28138.711	32495.258	20.455	22096.777	35.538
1.014	14.747			
12/10/2015 12:05:00 AM	734700.000	72.717	17.981	165.745
28150.813	32509.176	20.465	22106.242	35.523
1.014	14.745			
12/10/2015 12:10:00 AM	735000.000	72.722	17.981	165.755
28146.771	32504.441	20.462	22103.020	35.528
1.014	14.743			
12/10/2015 12:15:00 AM	735300.000	72.700	17.981	165.705
28153.240	32511.854	20.467	22108.061	35.520
1.014	14.741			
12/10/2015 12:20:00 AM	735600.000	72.721	17.981	165.753
28165.406	32526.275	20.477	22117.869	35.505
1.014	14.743			
12/10/2015 12:25:00 AM	735900.000	72.721	17.981	165.755
28156.480	32515.842	20.470	22110.775	35.516
1.014	14.744			
12/10/2015 12:30:00 AM	736200.000	72.717	17.981	165.745
28147.891	32505.922	20.463	22104.029	35.527
1.014	14.746			
12/10/2015 12:35:00 AM	736500.000	72.719	17.981	165.748
28164.568	32524.869	20.476	22116.912	35.506
1.014	14.744			
12/10/2015 12:40:00 AM	736800.000	72.716	17.981	165.743
28156.680	32516.010	20.470	22110.887	35.516
1.014	14.742			
12/10/2015 12:45:00 AM	737100.000	72.696	17.981	165.697
28158.180	32517.742	20.471	22112.066	35.514
1.014	14.741			
12/10/2015 12:50:00 AM	737400.000	72.722	17.981	165.756
28173.607	32535.689	20.483	22124.271	35.494
1.014	14.738			
12/10/2015 12:55:00 AM	737700.000	72.723	17.981	165.759
28146.266	32503.799	20.461	22102.584	35.529
1.014	14.735			
12/10/2015 1:00:00 AM	738000.000	72.701	17.981	165.707
28157.305	32516.420	20.470	22111.168	35.515
1.014	14.733			
12/10/2015 1:05:00 AM	738300.000	72.724	17.981	165.760
28134.441	32490.459	20.452	22093.514	35.544
1.014	14.730			
12/10/2015 1:10:00 AM	738600.000	72.728	17.981	165.769
28157.717	32517.023	20.470	22111.578	35.514
1.014	14.727			
12/10/2015 1:15:00 AM	738900.000	72.702	17.981	165.710
28152.578	32511.215	20.466	22107.627	35.521
1.014	14.725			
12/10/2015 1:20:00 AM	739200.000	72.706	17.981	165.721
28160.807	32520.650	20.473	22114.045	35.510
1.014	14.722			
12/10/2015 1:25:00 AM	739500.000	72.707	17.981	165.722
28147.588	32505.326	20.462	22103.623	35.527
1.014	14.718			
12/10/2015 1:30:00 AM	739800.000	72.726	17.981	165.764
28164.021	32524.305	20.476	22116.527	35.506
1.014	14.715			
12/10/2015 1:35:00 AM	740100.000	72.727	17.981	165.767
28154.367	32513.281	20.468	22109.031	35.518

1.014	14.716			
12/10/2015 1:40:00 AM	740400.000	72.730	17.981	165.774
28161.648	32521.689	20.474	22114.752	35.509
1.014	14.717			
12/10/2015 1:45:00 AM	740700.000	72.728	17.981	165.769
28161.938	32522.213	20.474	22115.107	35.509
1.014	14.717			
12/10/2015 1:50:00 AM	741000.000	72.726	17.981	165.766
28151.840	32510.361	20.466	22107.049	35.522
1.014	14.720			
12/10/2015 1:55:00 AM	741300.000	72.710	17.981	165.728
28167.150	32527.918	20.478	22118.986	35.502
1.014	14.722			
12/10/2015 2:00:00 AM	741600.000	72.721	17.981	165.753
28159.479	32519.373	20.472	22113.174	35.512
1.014	14.725			
12/10/2015 2:05:00 AM	741900.000	72.702	17.981	165.711
28136.613	32492.711	20.454	22095.043	35.541
1.014	14.725			
12/10/2015 2:10:00 AM	742200.000	72.704	17.981	165.715
28146.152	32503.727	20.461	22102.537	35.529
1.014	14.725			
12/10/2015 2:15:00 AM	742500.000	72.704	17.981	165.716
28167.648	32528.492	20.478	22119.375	35.502
1.014	14.726			
12/10/2015 2:20:00 AM	742800.000	72.727	17.981	165.767
28150.947	32509.205	20.465	22106.260	35.523
1.014	14.727			
12/10/2015 2:25:00 AM	743100.000	72.716	17.981	165.743
28161.371	32521.615	20.474	22114.701	35.510
1.014	14.728			
12/10/2015 2:30:00 AM	743400.000	72.697	17.981	165.698
28163.238	32523.457	20.475	22115.951	35.507
1.014	14.729			
12/10/2015 2:35:00 AM	743700.000	72.696	17.981	165.698
28162.334	32522.539	20.474	22115.328	35.508
1.014	14.727			
12/10/2015 2:40:00 AM	744000.000	72.698	17.981	165.701
28161.705	32521.813	20.474	22114.834	35.509
1.014	14.725			
12/10/2015 2:45:00 AM	744300.000	72.717	17.981	165.744
28159.264	32518.742	20.472	22112.746	35.512
1.014	14.723			
12/10/2015 2:50:00 AM	744600.000	72.717	17.981	165.745
28155.039	32514.178	20.469	22109.643	35.518
1.014	14.721			
12/10/2015 2:55:00 AM	744900.000	72.700	17.981	165.706
28145.697	32503.268	20.461	22102.225	35.529
1.014	14.720			
12/10/2015 3:00:00 AM	745200.000	72.718	17.980	165.747
28158.113	32517.979	20.471	22112.229	35.514
1.014	14.718			
12/10/2015 3:05:00 AM	745500.000	72.720	17.981	165.751
28171.043	32532.785	20.481	22122.295	35.497
1.014	14.714			
12/10/2015 3:10:00 AM	745800.000	72.702	17.981	165.711
28169.502	32530.566	20.480	22120.787	35.499
1.014	14.711			

12/10/2015 3:15:00 AM	746100.000	72.720	17.981	165.752
28160.725	32520.555	20.473	22113.977	35.510
1.014	14.707			
12/10/2015 3:20:00 AM	746400.000	72.704	17.980	165.715
28163.279	32524.010	20.475	22116.328	35.507
1.014	14.708			
12/10/2015 3:25:00 AM	746700.000	72.727	17.981	165.767
28159.852	32519.734	20.472	22113.420	35.512
1.014	14.709			
12/10/2015 3:30:00 AM	747000.000	72.721	17.981	165.754
28165.932	32526.756	20.477	22118.195	35.504
1.014	14.710			
12/10/2015 3:35:00 AM	747300.000	72.724	17.981	165.761
28155.115	32514.391	20.469	22109.787	35.518
1.014	14.709			
12/10/2015 3:40:00 AM	747600.000	72.727	17.981	165.767
28152.518	32511.020	20.466	22107.494	35.521
1.014	14.708			
12/10/2015 3:45:00 AM	747900.000	72.703	17.981	165.712
28158.035	32517.391	20.471	22111.828	35.514
1.014	14.708			
12/10/2015 3:50:00 AM	748200.000	72.727	17.981	165.766
28158.152	32517.842	20.471	22112.133	35.514
1.014	14.709			
12/10/2015 3:55:00 AM	748500.000	72.702	17.981	165.711
28143.439	32500.719	20.459	22100.488	35.532
1.014	14.710			
12/10/2015 4:00:00 AM	748800.000	72.702	17.981	165.710
28153.244	32511.916	20.467	22108.105	35.520
1.014	14.710			
12/10/2015 4:05:00 AM	749100.000	72.724	17.981	165.760
28155.914	32515.188	20.469	22110.328	35.517
1.014	14.709			
12/10/2015 4:10:00 AM	749400.000	72.705	17.981	165.716
28154.482	32513.473	20.468	22109.164	35.518
1.014	14.707			
12/10/2015 4:15:00 AM	749700.000	72.727	17.981	165.768
28144.729	32502.023	20.460	22101.377	35.531
1.014	14.705			
12/10/2015 4:20:00 AM	750000.000	72.708	17.981	165.724
28158.438	32517.914	20.471	22112.184	35.513
1.014	14.704			
12/10/2015 4:25:00 AM	750300.000	72.725	17.981	165.763
28157.861	32517.316	20.471	22111.775	35.514
1.014	14.702			
12/10/2015 4:30:00 AM	750600.000	72.711	17.981	165.732
28154.752	32513.783	20.468	22109.375	35.518
1.014	14.700			
12/10/2015 4:35:00 AM	750900.000	72.724	17.981	165.761
28169.053	32530.172	20.480	22120.518	35.500
1.014	14.700			
12/10/2015 4:40:00 AM	751200.000	72.732	17.981	165.779
28159.695	32519.623	20.472	22113.344	35.512
1.014	14.700			
12/10/2015 4:45:00 AM	751500.000	72.709	17.981	165.727
28148.381	32506.488	20.463	22104.414	35.526
1.014	14.699			
12/10/2015 4:50:00 AM	751800.000	72.716	17.981	165.743

28170.350	32531.484	20.481	22121.410	35.498
1.014	14.697			
12/10/2015 4:55:00 AM	752100.000	72.732	17.981	165.779
28166.381	32526.840	20.477	22118.254	35.503
1.014	14.694			
12/10/2015 5:00:00 AM	752400.000	72.722	17.981	165.755
28158.938	32518.559	20.472	22112.619	35.513
1.014	14.691			
12/10/2015 5:05:00 AM	752700.000	72.722	17.981	165.757
28167.131	32528.020	20.478	22119.053	35.502
1.014	14.692			
12/10/2015 5:10:00 AM	753000.000	72.719	17.981	165.750
28161.014	32520.830	20.473	22114.164	35.510
1.014	14.692			
12/10/2015 5:15:00 AM	753300.000	72.743	17.981	165.803
28171.938	32533.691	20.482	22122.912	35.496
1.014	14.693			
12/10/2015 5:20:00 AM	753600.000	72.746	17.981	165.810
28143.859	32501.146	20.459	22100.781	35.532
1.014	14.693			
12/10/2015 5:25:00 AM	753900.000	72.744	17.981	165.806
28141.791	32498.947	20.458	22099.287	35.534
1.014	14.692			
12/10/2015 5:30:00 AM	754200.000	72.744	17.981	165.807
28171.193	32532.645	20.481	22122.199	35.497
1.014	14.692			
12/10/2015 5:35:00 AM	754500.000	72.744	17.981	165.806
28152.779	32511.447	20.467	22107.787	35.520
1.014	14.693			
12/10/2015 5:40:00 AM	754800.000	72.733	17.981	165.780
28148.012	32506.131	20.463	22104.172	35.526
1.014	14.693			
12/10/2015 5:45:00 AM	755100.000	72.736	17.981	165.788
28148.383	32506.303	20.463	22104.287	35.526
1.014	14.693			
12/10/2015 5:50:00 AM	755400.000	72.739	17.981	165.795
28154.313	32513.150	20.468	22108.943	35.519
1.014	14.696			
12/10/2015 5:55:00 AM	755700.000	72.759	17.981	165.840
28143.607	32500.730	20.459	22100.496	35.532
1.014	14.698			
12/10/2015 6:00:00 AM	756000.000	72.737	17.981	165.790
28154.381	32513.043	20.468	22108.869	35.518
1.014	14.700			
12/10/2015 6:05:00 AM	756300.000	72.757	17.981	165.836
28160.887	32520.742	20.473	22114.107	35.510
1.014	14.701			
12/10/2015 6:10:00 AM	756600.000	72.758	17.981	165.838
28163.732	32524.096	20.475	22116.387	35.507
1.014	14.702			
12/10/2015 6:15:00 AM	756900.000	72.734	17.981	165.783
28158.260	32517.398	20.471	22111.834	35.514
1.014	14.703			
12/10/2015 6:20:00 AM	757200.000	72.740	17.981	165.798
28158.516	32517.818	20.471	22112.117	35.513
1.014	14.703			
12/10/2015 6:25:00 AM	757500.000	72.765	17.981	165.853
28160.846	32520.695	20.473	22114.072	35.510

1.014	14.702			
12/10/2015 6:30:00 AM	757800.000	72.769	17.981	165.864
28152.525	32511.027	20.466	22107.498	35.521
1.014	14.701			
12/10/2015 6:35:00 AM	758100.000	72.773	17.981	165.872
28150.717	32508.752	20.465	22105.951	35.523
1.014	14.700			
12/10/2015 6:40:00 AM	758400.000	72.773	17.981	165.872
28163.912	32524.361	20.476	22116.568	35.506
1.014	14.699			
12/10/2015 6:45:00 AM	758700.000	72.757	17.981	165.835
28154.684	32513.893	20.468	22109.447	35.518
1.014	14.697			
12/10/2015 6:50:00 AM	759000.000	72.783	17.981	165.895
28153.867	32512.578	20.467	22108.553	35.519
1.014	14.696			
12/10/2015 6:55:00 AM	759300.000	72.784	17.981	165.898
28160.150	32519.893	20.472	22113.529	35.511
1.014	14.694			
12/10/2015 7:00:00 AM	759600.000	72.783	17.981	165.896
28160.406	32520.445	20.473	22113.902	35.511
1.014	14.692			
12/10/2015 7:05:00 AM	759900.000	72.788	17.981	165.905
28142.455	32499.457	20.458	22099.633	35.534
1.014	14.693			
12/10/2015 7:10:00 AM	760200.000	72.793	17.981	165.917
28152.668	32511.318	20.467	22107.699	35.521
1.014	14.695			
12/10/2015 7:15:00 AM	760500.000	72.789	17.981	165.908
28168.266	32529.205	20.479	22119.859	35.501
1.014	14.696			
12/10/2015 7:20:00 AM	760800.000	72.775	17.981	165.877
28147.387	32504.781	20.462	22103.252	35.527
1.014	14.694			
12/10/2015 7:25:00 AM	761100.000	72.796	17.981	165.926
28151.475	32509.939	20.466	22106.760	35.522
1.014	14.693			
12/10/2015 7:30:00 AM	761400.000	72.804	17.981	165.942
28182.352	32545.598	20.490	22131.006	35.483
1.014	14.692			
12/10/2015 7:35:00 AM	761700.000	72.785	17.981	165.899
28149.689	32507.754	20.464	22105.273	35.524
1.014	14.692			
12/10/2015 7:40:00 AM	762000.000	72.787	17.981	165.905
28159.480	32519.061	20.472	22112.963	35.512
1.014	14.693			
12/10/2015 7:45:00 AM	762300.000	72.815	17.981	165.967
28153.953	32512.861	20.468	22108.748	35.519
1.014	14.693			
12/10/2015 7:50:00 AM	762600.000	72.789	17.981	165.908
28155.619	32514.727	20.469	22110.014	35.517
1.014	14.694			
12/10/2015 7:55:00 AM	762900.000	72.790	17.981	165.910
28160.781	32520.621	20.473	22114.025	35.510
1.014	14.696			
12/10/2015 8:00:00 AM	763200.000	72.812	17.981	165.961
28150.826	32509.313	20.465	22106.332	35.523
1.014	14.697			

12/10/2015 8:05:00 AM	763500.000	72.818	17.981	165.975
28163.100	32523.172	20.475	22115.760	35.507
1.014	14.696			
12/10/2015 8:10:00 AM	763800.000	72.821	17.981	165.983
28156.643	32515.967	20.470	22110.859	35.516
1.014	14.695			
12/10/2015 8:15:00 AM	764100.000	72.831	17.982	166.004
28177.381	32539.354	20.486	22126.760	35.489
1.014	14.694			
12/10/2015 8:20:00 AM	764400.000	72.831	17.981	166.004
28164.635	32524.760	20.476	22116.836	35.506
1.014	14.700			
12/10/2015 8:25:00 AM	764700.000	72.824	17.981	165.989
28155.828	32515.025	20.469	22110.219	35.517
1.014	14.707			
12/10/2015 8:30:00 AM	765000.000	72.823	17.982	165.985
28154.043	32512.402	20.467	22108.436	35.519
1.014	14.714			
12/10/2015 8:35:00 AM	765300.000	72.829	17.981	166.001
28160.961	32520.582	20.473	22113.996	35.510
1.014	14.712			
12/10/2015 8:40:00 AM	765600.000	72.833	17.981	166.009
28163.658	32524.068	20.475	22116.367	35.507
1.014	14.710			
12/10/2015 8:45:00 AM	765900.000	72.839	17.981	166.022
28159.916	32519.250	20.472	22113.090	35.511
1.014	14.708			
12/10/2015 8:50:00 AM	766200.000	72.844	17.981	166.034
28159.662	32519.018	20.472	22112.932	35.512
1.014	14.710			
12/10/2015 8:55:00 AM	766500.000	72.824	17.981	165.988
28156.453	32515.811	20.470	22110.752	35.516
1.014	14.711			
12/10/2015 9:00:00 AM	766800.000	72.843	17.981	166.032
28153.574	32512.051	20.467	22108.195	35.519
1.014	14.713			
12/10/2015 9:05:00 AM	767100.000	72.846	17.981	166.039
28162.352	32522.309	20.474	22115.172	35.508
1.014	14.714			
12/10/2015 9:10:00 AM	767400.000	72.846	17.981	166.038
28154.232	32512.746	20.468	22108.670	35.519
1.014	14.715			
12/10/2015 9:15:00 AM	767700.000	72.850	17.981	166.048
28168.713	32529.469	20.479	22120.041	35.500
1.014	14.716			
12/10/2015 9:20:00 AM	768000.000	72.830	17.981	166.002
28145.574	32502.688	20.461	22101.830	35.530
1.014	14.717			
12/10/2015 9:25:00 AM	768300.000	72.835	17.981	166.015
28152.072	32510.438	20.466	22107.100	35.521
1.014	14.719			
12/10/2015 9:30:00 AM	768600.000	72.830	17.981	166.003
28155.715	32514.459	20.469	22109.832	35.517
1.014	14.720			
12/10/2015 9:35:00 AM	768900.000	72.852	17.981	166.052
28177.557	32539.992	20.486	22127.197	35.489
1.014	14.722			
12/10/2015 9:40:00 AM	769200.000	72.835	17.981	166.015

28140.037	32496.354	20.456	22097.523	35.537
1.014	14.723			
12/10/2015 9:45:00 AM	769500.000	72.832	17.981	166.007
28173.193	32534.828	20.483	22123.684	35.495
1.014	14.724			
12/10/2015 9:50:00 AM	769800.000	72.853	17.981	166.054
28152.096	32510.279	20.466	22106.990	35.521
1.014	14.722			
12/10/2015 9:55:00 AM	770100.000	72.855	17.981	166.058
28148.703	32506.301	20.463	22104.287	35.526
1.014	14.721			
12/10/2015 10:00:00 AM	770400.000	72.839	17.981	166.022
28178.900	32541.486	20.487	22128.213	35.488
1.014	14.720			
12/10/2015 10:05:00 AM	770700.000	72.844	17.981	166.034
28170.258	32531.318	20.480	22121.297	35.498
1.014	14.719			
12/10/2015 10:10:00 AM	771000.000	72.842	17.981	166.029
28163.305	32523.289	20.475	22115.838	35.507
1.014	14.719			
12/10/2015 10:15:00 AM	771300.000	72.870	17.982	166.093
28171.613	32532.693	20.481	22122.234	35.497
1.014	14.719			
12/10/2015 10:20:00 AM	771600.000	72.868	17.981	166.088
28154.865	32513.477	20.468	22109.166	35.518
1.014	14.723			
12/10/2015 10:25:00 AM	771900.000	72.866	17.981	166.084
28162.467	32522.320	20.474	22115.180	35.508
1.014	14.727			
12/10/2015 10:30:00 AM	772200.000	72.859	17.981	166.069
28149.613	32507.477	20.464	22105.086	35.524
1.014	14.732			
12/10/2015 10:35:00 AM	772500.000	72.865	17.982	166.082
28173.254	32534.588	20.483	22123.520	35.495
1.014	14.728			
12/10/2015 10:40:00 AM	772800.000	72.867	17.981	166.087
28170.051	32531.078	20.480	22121.135	35.499
1.014	14.724			
12/10/2015 10:45:00 AM	773100.000	72.866	17.981	166.085
28153.428	32511.758	20.467	22107.998	35.520
1.014	14.720			
12/10/2015 10:50:00 AM	773400.000	72.871	17.982	166.095
28171.268	32532.102	20.481	22121.832	35.497
1.014	14.715			
12/10/2015 10:55:00 AM	773700.000	72.846	17.982	166.038
28161.070	32520.518	20.473	22113.955	35.510
1.014	14.711			
12/10/2015 11:00:00 AM	774000.000	72.869	17.981	166.092
28152.170	32510.676	20.466	22107.262	35.521
1.014	14.706			
12/10/2015 11:05:00 AM	774300.000	72.851	17.982	166.049
28144.570	32501.463	20.460	22100.996	35.531
1.014	14.706			
12/10/2015 11:10:00 AM	774600.000	72.867	17.982	166.087
28156.490	32515.037	20.469	22110.227	35.516
1.014	14.706			
12/10/2015 11:15:00 AM	774900.000	72.873	17.982	166.100
28169.979	32530.805	20.480	22120.949	35.499

1.014	14.706			
12/10/2015 11:20:00 AM	775200.000	72.871	17.981	166.095
28157.734	32516.730	20.470	22111.377	35.514
1.014	14.710			
12/10/2015 11:25:00 AM	775500.000	72.871	17.982	166.095
28158.016	32516.990	20.470	22111.553	35.514
1.014	14.713			
12/10/2015 11:30:00 AM	775800.000	72.859	17.982	166.068
28178.250	32540.164	20.487	22127.314	35.488
1.014	14.717			
12/10/2015 11:35:00 AM	776100.000	72.861	17.981	166.074
28165.604	32525.943	20.477	22117.643	35.504
1.014	14.716			
12/10/2015 11:40:00 AM	776400.000	72.863	17.981	166.077
28149.375	32507.203	20.464	22104.900	35.525
1.014	14.714			
12/10/2015 11:45:00 AM	776700.000	72.846	17.981	166.038
28162.727	32522.496	20.474	22115.297	35.508
1.014	14.712			
12/10/2015 11:50:00 AM	777000.000	72.861	17.982	166.073
28165.822	32526.006	20.477	22117.686	35.504
1.014	14.712			
12/10/2015 11:55:00 AM	777300.000	72.837	17.981	166.019
28164.189	32524.186	20.475	22116.447	35.506
1.014	14.713			
12/10/2015 12:00:00 PM	777600.000	72.857	17.981	166.064
28180.633	32543.359	20.489	22129.486	35.485
1.014	14.713			
12/10/2015 12:05:00 PM	777900.000	72.838	17.981	166.021
28167.541	32528.240	20.478	22119.203	35.502
1.014	14.712			
12/10/2015 12:10:00 PM	778200.000	72.852	17.982	166.051
28168.010	32528.531	20.478	22119.404	35.501
1.014	14.710			
12/10/2015 12:15:00 PM	778500.000	72.855	17.982	166.059
28159.188	32518.344	20.471	22112.477	35.512
1.014	14.709			
12/10/2015 12:20:00 PM	778800.000	72.849	17.981	166.045
28158.477	32517.834	20.471	22112.127	35.513
1.014	14.710			
12/10/2015 12:25:00 PM	779100.000	72.852	17.981	166.053
28162.027	32521.934	20.474	22114.918	35.509
1.014	14.710			
12/10/2015 12:30:00 PM	779400.000	72.824	17.981	165.987
28166.936	32527.729	20.478	22118.855	35.503
1.014	14.711			
12/10/2015 12:35:00 PM	779700.000	72.826	17.982	165.994
28163.678	32523.271	20.475	22115.826	35.507
1.014	14.710			
12/10/2015 12:40:00 PM	780000.000	72.820	17.981	165.979
28160.287	32519.863	20.472	22113.508	35.511
1.014	14.709			
12/10/2015 12:45:00 PM	780300.000	72.817	17.981	165.972
28166.811	32527.271	20.478	22118.545	35.503
1.014	14.709			
12/10/2015 12:50:00 PM	780600.000	72.814	17.981	165.966
28163.508	32523.459	20.475	22115.953	35.507
1.014	14.708			

12/10/2015 12:55:00 PM	780900.000	72.826	17.981	165.994
28158.791	32518.197	20.471	22112.375	35.513
1.014	14.706			
12/10/2015 1:00:00 PM	781200.000	72.831	17.981	166.004
28158.406	32517.691	20.471	22112.031	35.513
1.014	14.705			
12/10/2015 1:05:00 PM	781500.000	72.833	17.982	166.008
28148.898	32506.461	20.463	22104.395	35.525
1.014	14.702			
12/10/2015 1:10:00 PM	781800.000	72.810	17.981	165.957
28155.436	32514.076	20.468	22109.574	35.517
1.014	14.699			
12/10/2015 1:15:00 PM	782100.000	72.819	17.981	165.977
28164.883	32525.045	20.476	22117.033	35.505
1.014	14.696			
12/10/2015 1:20:00 PM	782400.000	72.806	17.981	165.948
28166.164	32526.525	20.477	22118.039	35.504
1.014	14.696			
12/10/2015 1:25:00 PM	782700.000	72.821	17.982	165.981
28164.396	32524.295	20.476	22116.521	35.506
1.014	14.695			
12/10/2015 1:30:00 PM	783000.000	72.802	17.981	165.938
28161.170	32520.883	20.473	22114.203	35.510
1.014	14.695			
12/10/2015 1:35:00 PM	783300.000	72.812	17.981	165.962
28166.980	32527.469	20.478	22118.682	35.503
1.014	14.697			
12/10/2015 1:40:00 PM	783600.000	72.792	17.981	165.916
28151.865	32510.199	20.466	22106.938	35.522
1.014	14.698			
12/10/2015 1:45:00 PM	783900.000	72.803	17.981	165.940
28165.553	32525.885	20.477	22117.604	35.504
1.014	14.699			
12/10/2015 1:50:00 PM	784200.000	72.796	17.981	165.924
28145.072	32502.293	20.460	22101.561	35.530
1.014	14.699			
12/10/2015 1:55:00 PM	784500.000	72.780	17.981	165.889
28151.541	32509.703	20.465	22106.598	35.522
1.014	14.698			
12/10/2015 2:00:00 PM	784800.000	72.772	17.981	165.870
28176.170	32538.080	20.485	22125.896	35.491
1.014	14.698			
12/10/2015 2:05:00 PM	785100.000	72.791	17.981	165.914
28155.344	32514.029	20.468	22109.543	35.517
1.014	14.696			
12/10/2015 2:10:00 PM	785400.000	72.767	17.981	165.858
28153.627	32512.172	20.467	22108.277	35.519
1.014	14.694			
12/10/2015 2:15:00 PM	785700.000	72.781	17.981	165.891
28140.926	32497.381	20.457	22098.219	35.535
1.014	14.692			
12/10/2015 2:20:00 PM	786000.000	72.777	17.981	165.882
28152.354	32510.830	20.466	22107.367	35.521
1.014	14.692			
12/10/2015 2:25:00 PM	786300.000	72.779	17.981	165.885
28160.369	32519.898	20.472	22113.533	35.511
1.014	14.691			
12/10/2015 2:30:00 PM	786600.000	72.778	17.981	165.883

28175.391	32537.119	20.484	22125.244	35.492
1.014	14.690			
12/10/2015 2:35:00 PM	786900.000	72.776	17.981	165.880
28165.291	32525.582	20.476	22117.396	35.505
1.014	14.690			
12/10/2015 2:40:00 PM	787200.000	72.754	17.981	165.828
28151.566	32509.920	20.466	22106.746	35.522
1.014	14.691			
12/10/2015 2:45:00 PM	787500.000	72.770	17.981	165.865
28157.039	32515.988	20.470	22110.875	35.515
1.014	14.691			
12/10/2015 2:50:00 PM	787800.000	72.748	17.981	165.814
28155.818	32515.146	20.469	22110.303	35.517
1.014	14.693			
12/10/2015 2:55:00 PM	788100.000	72.755	17.981	165.831
28170.619	32531.855	20.481	22121.664	35.498
1.014	14.695			
12/10/2015 3:00:00 PM	788400.000	72.749	17.981	165.817
28154.328	32513.043	20.468	22108.869	35.519
1.014	14.697			
12/10/2015 3:05:00 PM	788700.000	72.749	17.982	165.818
28168.031	32528.557	20.478	22119.420	35.501
1.014	14.695			
12/10/2015 3:10:00 PM	789000.000	72.747	17.981	165.813
28144.406	32501.652	20.460	22101.123	35.531
1.014	14.692			
12/10/2015 3:15:00 PM	789300.000	72.726	17.981	165.765
28153.467	32512.240	20.467	22108.326	35.520
1.014	14.690			
12/10/2015 3:20:00 PM	789600.000	72.738	17.981	165.793
28150.119	32508.434	20.465	22105.736	35.524
1.014	14.693			
12/10/2015 3:25:00 PM	789900.000	72.732	17.981	165.779
28164.518	32525.061	20.476	22117.043	35.506
1.014	14.696			
12/10/2015 3:30:00 PM	790200.000	72.730	17.981	165.775
28164.973	32525.275	20.476	22117.189	35.505
1.014	14.698			
12/10/2015 3:35:00 PM	790500.000	72.727	17.981	165.766
28143.094	32500.262	20.459	22100.180	35.533
1.014	14.697			
12/10/2015 3:40:00 PM	790800.000	72.731	17.981	165.777
28152.775	32511.189	20.466	22107.611	35.520
1.014	14.695			
12/10/2015 3:45:00 PM	791100.000	72.701	17.981	165.708
28151.066	32509.275	20.465	22106.309	35.523
1.014	14.693			
12/10/2015 3:50:00 PM	791400.000	72.704	17.981	165.715
28159.547	32519.320	20.472	22113.141	35.512
1.014	14.690			
12/10/2015 3:55:00 PM	791700.000	72.698	17.981	165.702
28155.340	32514.336	20.469	22109.748	35.517
1.014	14.688			
12/10/2015 4:00:00 PM	792000.000	72.706	17.981	165.719
28175.365	32537.404	20.485	22125.438	35.492
1.014	14.685			
12/10/2015 4:05:00 PM	792300.000	72.703	17.981	165.712
28161.438	32521.193	20.473	22114.412	35.510

1.014	14.687			
12/10/2015 4:10:00 PM	792600.000	72.712	17.982	165.734
28158.211	32516.592	20.470	22111.285	35.514
1.014	14.690			
12/10/2015 4:15:00 PM	792900.000	72.685	17.982	165.671
28169.014	32529.563	20.479	22120.104	35.500
1.014	14.692			
12/10/2015 4:20:00 PM	793200.001	72.705	17.982	165.717
28165.266	32525.105	20.476	22117.072	35.505
1.014	14.691			
12/10/2015 4:25:00 PM	793500.000	72.702	17.981	165.711
28148.248	32505.900	20.463	22104.014	35.526
1.014	14.690			
12/10/2015 4:30:00 PM	793800.000	72.703	17.981	165.713
28158.398	32518.057	20.471	22112.279	35.513
1.014	14.689			
12/10/2015 4:35:00 PM	794100.000	72.702	17.981	165.710
28143.172	32500.473	20.459	22100.322	35.533
1.014	14.690			
12/10/2015 4:40:00 PM	794400.000	72.697	17.981	165.700
28159.338	32519.211	20.472	22113.066	35.512
1.014	14.692			
12/10/2015 4:45:00 PM	794700.000	72.691	17.981	165.685
28171.244	32532.645	20.481	22122.199	35.497
1.014	14.694			
12/10/2015 4:50:00 PM	795000.000	72.675	17.981	165.648
28154.404	32513.514	20.468	22109.189	35.518
1.014	14.691			
12/10/2015 4:55:00 PM	795300.000	72.690	17.981	165.683
28172.727	32534.604	20.483	22123.533	35.495
1.014	14.689			
12/10/2015 5:00:00 PM	795600.000	72.688	17.981	165.679
28168.311	32529.189	20.479	22119.850	35.501
1.014	14.686			
12/10/2015 5:05:00 PM	795900.000	72.671	17.980	165.639
28155.955	32515.432	20.469	22110.494	35.516
1.014	14.685			
12/10/2015 5:10:00 PM	796200.000	72.688	17.981	165.677
28170.275	32531.898	20.481	22121.693	35.498
1.014	14.684			
12/10/2015 5:15:00 PM	796500.000	72.667	17.980	165.631
28160.787	32521.012	20.473	22114.291	35.510
1.014	14.683			
12/10/2015 5:20:00 PM	796800.000	72.679	17.980	165.659
28154.834	32514.137	20.468	22109.613	35.518
1.014	14.685			
12/10/2015 5:25:00 PM	797100.000	72.680	17.981	165.660
28149.125	32507.285	20.464	22104.955	35.525
1.014	14.687			
12/10/2015 5:30:00 PM	797400.000	72.682	17.981	165.664
28165.637	32526.541	20.477	22118.049	35.504
1.014	14.689			
12/10/2015 5:35:00 PM	797700.000	72.656	17.981	165.606
28160.525	32520.199	20.473	22113.736	35.511
1.014	14.689			
12/10/2015 5:40:00 PM	798000.000	72.675	17.981	165.649
28161.096	32521.109	20.473	22114.357	35.510
1.014	14.689			

12/10/2015 5:45:00 PM	798300.000	72.683	17.981	165.666
28164.768	32525.291	20.476	22117.199	35.505
1.014	14.688			
12/10/2015 5:50:00 PM	798600.000	72.652	17.981	165.596
28152.115	32510.926	20.466	22107.432	35.521
1.014	14.688			
12/10/2015 5:55:00 PM	798900.000	72.655	17.981	165.602
28170.600	32532.084	20.481	22121.816	35.498
1.014	14.687			
12/10/2015 6:00:00 PM	799200.000	72.668	17.980	165.633
28161.127	32521.459	20.474	22114.594	35.510
1.014	14.687			
12/10/2015 6:05:00 PM	799500.000	72.651	17.981	165.593
28139.508	32496.121	20.456	22097.365	35.537
1.014	14.686			
12/10/2015 6:10:00 PM	799800.000	72.676	17.981	165.651
28176.121	32538.523	20.485	22126.195	35.491
1.014	14.685			
12/10/2015 6:15:00 PM	800100.000	72.675	17.981	165.648
28159.695	32519.680	20.472	22113.385	35.512
1.014	14.684			
12/10/2015 6:20:00 PM	800400.000	72.679	17.981	165.657
28158.002	32517.479	20.471	22111.885	35.514
1.014	14.684			
12/10/2015 6:25:00 PM	800700.000	72.653	17.981	165.600
28169.100	32530.227	20.480	22120.557	35.500
1.014	14.684			
12/10/2015 6:30:00 PM	801000.000	72.671	17.981	165.640
28157.984	32517.457	20.471	22111.871	35.514
1.014	14.684			
12/10/2015 6:35:00 PM	801300.000	72.668	17.981	165.632
28153.408	32512.105	20.467	22108.234	35.520
1.014	14.684			
12/10/2015 6:40:00 PM	801600.000	72.670	17.981	165.638
28169.906	32531.033	20.480	22121.105	35.499
1.014	14.685			
12/10/2015 6:45:00 PM	801900.000	72.654	17.981	165.600
28155.615	32514.912	20.469	22110.143	35.517
1.014	14.685			
12/10/2015 6:50:00 PM	802200.000	72.652	17.980	165.596
28156.740	32516.338	20.470	22111.111	35.515
1.014	14.683			
12/10/2015 6:55:00 PM	802500.000	72.675	17.981	165.649
28157.143	32516.543	20.470	22111.252	35.515
1.014	14.680			
12/10/2015 7:00:00 PM	802800.000	72.675	17.981	165.649
28151.609	32510.154	20.466	22106.904	35.522
1.014	14.678			
12/10/2015 7:05:00 PM	803100.000	72.677	17.980	165.653
28162.650	32523.283	20.475	22115.834	35.508
1.014	14.677			
12/10/2015 7:10:00 PM	803400.000	72.659	17.981	165.613
28162.389	32522.602	20.474	22115.369	35.508
1.014	14.675			
12/10/2015 7:15:00 PM	803700.000	72.665	17.981	165.625
28158.512	32518.125	20.471	22112.328	35.513
1.014	14.674			
12/10/2015 7:20:00 PM	804000.000	72.654	17.981	165.602

28149.719	32507.660	20.464	22105.209	35.524
1.014	14.679			
12/10/2015 7:25:00 PM	804300.000	72.679	17.981	165.657
28171.152	32532.785	20.481	22122.295	35.497
1.014	14.684			
12/10/2015 7:30:00 PM	804600.000	72.657	17.981	165.607
28148.906	32507.221	20.464	22104.912	35.525
1.014	14.690			
12/10/2015 7:35:00 PM	804900.000	72.675	17.981	165.648
28169.756	32531.172	20.480	22121.199	35.499
1.014	14.688			
12/10/2015 7:40:00 PM	805200.000	72.662	17.981	165.619
28160.455	32520.432	20.473	22113.895	35.511
1.014	14.686			
12/10/2015 7:45:00 PM	805500.000	72.687	17.981	165.675
28170.252	32531.625	20.481	22121.508	35.498
1.014	14.684			
12/10/2015 7:50:00 PM	805800.000	72.682	17.981	165.665
28156.436	32515.859	20.470	22110.787	35.516
1.014	14.686			
12/10/2015 7:55:00 PM	806100.000	72.667	17.981	165.630
28156.746	32516.027	20.470	22110.898	35.515
1.014	14.688			
12/10/2015 8:00:00 PM	806400.000	72.685	17.981	165.671
28157.441	32517.021	20.470	22111.576	35.515
1.014	14.690			
12/10/2015 8:05:00 PM	806700.000	72.688	17.981	165.679
28146.400	32503.955	20.461	22102.689	35.529
1.014	14.688			
12/10/2015 8:10:00 PM	807000.000	72.688	17.981	165.678
28153.098	32512.061	20.467	22108.201	35.520
1.014	14.685			
12/10/2015 8:15:00 PM	807300.000	72.676	17.981	165.651
28153.818	32512.521	20.467	22108.518	35.519
1.014	14.682			
12/10/2015 8:20:00 PM	807600.000	72.674	17.981	165.647
28169.639	32530.791	20.480	22120.939	35.499
1.014	14.685			
12/10/2015 8:25:00 PM	807900.000	72.693	17.981	165.689
28157.203	32516.555	20.470	22111.260	35.515
1.014	14.688			
12/10/2015 8:30:00 PM	808200.000	72.694	17.981	165.692
28158.600	32518.289	20.471	22112.438	35.513
1.014	14.691			
12/10/2015 8:35:00 PM	808500.000	72.696	17.981	165.698
28155.924	32515.078	20.469	22110.254	35.517
1.014	14.690			
12/10/2015 8:40:00 PM	808800.000	72.675	17.981	165.650
28166.529	32527.447	20.478	22118.666	35.503
1.014	14.689			
12/10/2015 8:45:00 PM	809100.000	72.701	17.981	165.709
28169.443	32530.438	20.480	22120.699	35.499
1.014	14.688			
12/10/2015 8:50:00 PM	809400.000	72.683	17.980	165.667
28153.203	32512.254	20.467	22108.334	35.520
1.014	14.687			
12/10/2015 8:55:00 PM	809700.000	72.687	17.981	165.676
28175.225	32537.113	20.484	22125.236	35.492

1.014	14.686			
12/10/2015 9:00:00 PM	810000.000	72.691	17.981	165.686
28151.930	32510.523	20.466	22107.156	35.522
1.014	14.685			
12/10/2015 9:05:00 PM	810300.000	72.688	17.981	165.678
28157.623	32517.230	20.471	22111.717	35.514
1.014	14.685			
12/10/2015 9:10:00 PM	810600.000	72.698	17.981	165.700
28161.674	32521.594	20.474	22114.686	35.509
1.014	14.685			
12/10/2015 9:15:00 PM	810900.000	72.695	17.981	165.695
28158.434	32517.723	20.471	22112.051	35.513
1.014	14.684			
12/10/2015 9:20:00 PM	811200.000	72.695	17.981	165.694
28166.896	32527.809	20.478	22118.912	35.503
1.014	14.683			
12/10/2015 9:25:00 PM	811500.000	72.719	17.981	165.749
28156.865	32516.412	20.470	22111.160	35.515
1.014	14.681			
12/10/2015 9:30:00 PM	811800.000	72.703	17.981	165.713
28168.404	32529.299	20.479	22119.924	35.501
1.014	14.679			
12/10/2015 9:35:00 PM	812100.000	72.722	17.981	165.756
28159.492	32519.199	20.472	22113.059	35.512
1.014	14.678			
12/10/2015 9:40:00 PM	812400.000	72.729	17.981	165.772
28167.115	32527.877	20.478	22118.957	35.502
1.014	14.678			
12/10/2015 9:45:00 PM	812700.000	72.714	17.981	165.738
28157.957	32517.484	20.471	22111.889	35.514
1.014	14.677			
12/10/2015 9:50:00 PM	813000.000	72.733	17.981	165.781
28154.285	32513.432	20.468	22109.135	35.519
1.014	14.679			
12/10/2015 9:55:00 PM	813300.000	72.736	17.981	165.788
28166.832	32527.797	20.478	22118.904	35.503
1.014	14.680			
12/10/2015 10:00:00 PM	813600.000	72.740	17.981	165.798
28160.279	32519.982	20.473	22113.588	35.511
1.014	14.682			
12/10/2015 10:05:00 PM	813900.000	72.739	17.981	165.794
28167.863	32528.986	20.479	22119.713	35.501
1.014	14.681			
12/10/2015 10:10:00 PM	814200.000	72.740	17.981	165.798
28148.121	32506.125	20.463	22104.168	35.526
1.014	14.680			
12/10/2015 10:15:00 PM	814500.000	72.749	17.981	165.818
28149.814	32507.584	20.464	22105.160	35.524
1.014	14.679			
12/10/2015 10:20:00 PM	814800.000	72.751	17.981	165.821
28157.371	32516.682	20.470	22111.346	35.515
1.014	14.679			
12/10/2015 10:25:00 PM	815100.000	72.755	17.981	165.832
28148.900	32507.025	20.464	22104.777	35.525
1.014	14.679			
12/10/2015 10:30:00 PM	815400.000	72.748	17.981	165.816
28152.355	32510.832	20.466	22107.367	35.521
1.014	14.679			

12/10/2015 10:35:00 PM	815700.000	72.754	17.981	165.829
28164.781	32525.240	20.476	22117.164	35.505
1.014	14.679			
12/10/2015 10:40:00 PM	816000.000	72.759	17.981	165.840
28164.863	32525.402	20.476	22117.275	35.505
1.014	14.679			
12/10/2015 10:45:00 PM	816300.000	72.742	17.981	165.802
28153.549	32512.395	20.467	22108.430	35.520
1.014	14.678			
12/10/2015 10:50:00 PM	816600.000	72.744	17.981	165.806
28156.961	32516.209	20.470	22111.023	35.515
1.014	14.678			
12/10/2015 10:55:00 PM	816900.000	72.769	17.981	165.862
28176.814	32539.137	20.486	22126.613	35.490
1.014	14.677			
12/10/2015 11:00:00 PM	817200.000	72.767	17.981	165.859
28162.865	32523.027	20.475	22115.660	35.508
1.014	14.676			
12/10/2015 11:05:00 PM	817500.000	72.746	17.981	165.811
28170.148	32531.066	20.480	22121.127	35.499
1.014	14.675			
12/10/2015 11:10:00 PM	817800.000	72.749	17.980	165.818
28171.340	32533.252	20.482	22122.611	35.497
1.014	14.674			
12/10/2015 11:15:00 PM	818100.000	72.774	17.981	165.874
28159.764	32519.445	20.472	22113.225	35.512
1.014	14.673			
12/10/2015 11:20:00 PM	818400.000	72.757	17.981	165.835
28138.914	32495.367	20.455	22096.852	35.538
1.014	14.673			
12/10/2015 11:25:00 PM	818700.000	72.773	17.981	165.872
28157.322	32516.568	20.470	22111.270	35.515
1.014	14.672			
12/10/2015 11:30:00 PM	819000.000	72.756	17.981	165.832
28169.828	32531.135	20.480	22121.174	35.499
1.014	14.672			
12/10/2015 11:35:00 PM	819300.000	72.786	17.981	165.902
28162.592	32522.898	20.475	22115.572	35.508
1.014	14.667			
12/10/2015 11:40:00 PM	819600.000	72.764	17.981	165.852
28146.912	32504.479	20.462	22103.047	35.528
1.014	14.663			
12/10/2015 11:45:00 PM	819900.000	72.791	17.981	165.913
28175.211	32537.473	20.485	22125.482	35.492
1.014	14.659			
12/10/2015 11:50:00 PM	820200.000	72.798	17.981	165.929
28151.945	32510.170	20.466	22106.916	35.522
1.014	14.665			
12/10/2015 11:55:00 PM	820500.000	72.802	17.981	165.937
28155.398	32514.404	20.469	22109.797	35.517
1.014	14.671			
12/11/2015 12:00:00 AM	820800.000	72.773	17.981	165.872
28154.803	32513.592	20.468	22109.244	35.518
1.014	14.677			
12/11/2015 12:05:00 AM	821100.000	72.772	17.981	165.869
28152.449	32510.873	20.466	22107.395	35.521
1.014	14.676			
12/11/2015 12:10:00 AM	821400.000	72.793	17.981	165.919

28168.002	32528.834	20.479	22119.607	35.501
1.014	14.675			
12/11/2015 12:15:00 AM	821700.000	72.777	17.981	165.881
28160.291	32520.055	20.473	22113.639	35.511
1.014	14.675			
12/11/2015 12:20:00 AM	822000.000	72.794	17.981	165.920
28151.395	32509.848	20.466	22106.699	35.522
1.014	14.673			
12/11/2015 12:25:00 AM	822300.000	72.803	17.981	165.941
28151.887	32510.350	20.466	22107.039	35.522
1.014	14.672			
12/11/2015 12:30:00 AM	822600.000	72.809	17.981	165.955
28154.947	32513.758	20.468	22109.355	35.518
1.014	14.671			
12/11/2015 12:35:00 AM	822900.000	72.802	17.981	165.939
28156.605	32515.613	20.470	22110.619	35.516
1.014	14.672			
12/11/2015 12:40:00 AM	823200.000	72.803	17.981	165.940
28176.234	32538.279	20.485	22126.029	35.491
1.014	14.674			
12/11/2015 12:45:00 AM	823500.000	72.781	17.981	165.890
28153.418	32512.305	20.467	22108.367	35.520
1.014	14.676			
12/11/2015 12:50:00 AM	823800.000	72.802	17.981	165.939
28157.535	32516.625	20.470	22111.305	35.514
1.014	14.672			
12/11/2015 12:55:00 AM	824100.000	72.783	17.981	165.895
28169.113	32530.184	20.480	22120.527	35.500
1.014	14.669			
12/11/2015 1:00:00 AM	824400.000	72.791	17.981	165.914
28163.436	32523.500	20.475	22115.982	35.507
1.014	14.666			
12/11/2015 1:05:00 AM	824700.000	72.790	17.981	165.911
28169.814	32530.928	20.480	22121.033	35.499
1.014	14.665			
12/11/2015 1:10:00 AM	825000.000	72.817	17.981	165.973
28157.154	32516.307	20.470	22111.090	35.515
1.014	14.664			
12/11/2015 1:15:00 AM	825300.000	72.813	17.981	165.964
28163.145	32523.039	20.475	22115.668	35.507
1.014	14.663			
12/11/2015 1:20:00 AM	825600.000	72.817	17.981	165.973
28160.576	32520.326	20.473	22113.822	35.511
1.014	14.664			
12/11/2015 1:25:00 AM	825900.000	72.813	17.981	165.964
28161.725	32521.652	20.474	22114.725	35.509
1.014	14.665			
12/11/2015 1:30:00 AM	826200.000	72.811	17.981	165.958
28163.412	32523.412	20.475	22115.922	35.507
1.014	14.666			
12/11/2015 1:35:00 AM	826500.000	72.812	17.981	165.962
28172.914	32534.385	20.483	22123.385	35.495
1.014	14.668			
12/11/2015 1:40:00 AM	826800.000	72.811	17.982	165.959
28162.088	32521.629	20.474	22114.707	35.509
1.014	14.669			
12/11/2015 1:45:00 AM	827100.000	72.785	17.981	165.899
28167.158	32527.859	20.478	22118.945	35.502

1.014	14.671			
12/11/2015 1:50:00 AM	827400.000	72.813	17.981	165.962
28162.313	32522.389	20.474	22115.225	35.508
1.014	14.669			
12/11/2015 1:55:00 AM	827700.000	72.814	17.981	165.966
28164.793	32525.129	20.476	22117.088	35.505
1.014	14.668			
12/11/2015 2:00:00 AM	828000.000	72.794	17.981	165.920
28159.830	32519.275	20.472	22113.107	35.512
1.014	14.667			
12/11/2015 2:05:00 AM	828300.000	72.809	17.981	165.955
28168.574	32529.688	20.479	22120.188	35.501
1.014	14.667			
12/11/2015 2:10:00 AM	828600.000	72.792	17.981	165.915
28162.814	32523.035	20.475	22115.666	35.508
1.014	14.667			
12/11/2015 2:15:00 AM	828900.000	72.811	17.982	165.959
28170.080	32530.857	20.480	22120.982	35.499
1.014	14.667			
12/11/2015 2:20:00 AM	829200.000	72.811	17.981	165.958
28170.938	32532.225	20.481	22121.914	35.498
1.014	14.667			
12/11/2015 2:25:00 AM	829500.000	72.819	17.981	165.976
28165.598	32525.996	20.477	22117.680	35.504
1.014	14.667			
12/11/2015 2:30:00 AM	829800.000	72.797	17.981	165.926
28163.510	32523.771	20.475	22116.166	35.507
1.014	14.666			
12/11/2015 2:35:00 AM	830100.000	72.823	17.981	165.985
28161.553	32521.141	20.473	22114.377	35.509
1.014	14.665			
12/11/2015 2:40:00 AM	830400.000	72.819	17.981	165.977
28152.891	32511.322	20.467	22107.701	35.520
1.014	14.664			
12/11/2015 2:45:00 AM	830700.000	72.818	17.981	165.974
28152.861	32511.229	20.466	22107.635	35.520
1.014	14.663			
12/11/2015 2:50:00 AM	831000.000	72.816	17.981	165.970
28167.652	32528.369	20.478	22119.291	35.502
1.014	14.661			
12/11/2015 2:55:00 AM	831300.000	72.826	17.981	165.993
28184.768	32548.445	20.492	22132.943	35.480
1.014	14.660			
12/11/2015 3:00:00 AM	831600.000	72.802	17.981	165.937
28153.240	32511.666	20.467	22107.936	35.520
1.014	14.658			
12/11/2015 3:05:00 AM	831900.000	72.801	17.981	165.937
28162.482	32522.398	20.474	22115.232	35.508
1.014	14.659			
12/11/2015 3:10:00 AM	832200.000	72.815	17.981	165.969
28168.045	32528.883	20.479	22119.643	35.501
1.014	14.660			
12/11/2015 3:15:00 AM	832500.000	72.816	17.981	165.970
28155.213	32514.189	20.469	22109.650	35.517
1.014	14.660			
12/11/2015 3:20:00 AM	832800.000	72.815	17.981	165.967
28166.088	32526.377	20.477	22117.939	35.504
1.014	14.660			

12/11/2015 3:25:00 AM	833100.000	72.818	17.981	165.974
28169.729	32530.828	20.480	22120.965	35.499
1.014	14.661			
12/11/2015 3:30:00 AM	833400.000	72.820	17.981	165.978
28172.932	32534.406	20.483	22123.398	35.495
1.014	14.661			
12/11/2015 3:35:00 AM	833700.000	72.794	17.981	165.921
28170.012	32530.908	20.480	22121.020	35.499
1.014	14.657			
12/11/2015 3:40:00 AM	834000.000	72.799	17.981	165.931
28171.191	32532.518	20.481	22122.111	35.497
1.014	14.653			
12/11/2015 3:45:00 AM	834300.000	72.826	17.981	165.993
28148.813	32506.865	20.463	22104.670	35.525
1.014	14.649			
12/11/2015 3:50:00 AM	834600.000	72.825	17.981	165.992
28164.463	32524.814	20.476	22116.877	35.506
1.014	14.650			
12/11/2015 3:55:00 AM	834900.000	72.824	17.981	165.988
28160.922	32520.473	20.473	22113.922	35.510
1.014	14.651			
12/11/2015 4:00:00 AM	835200.000	72.820	17.981	165.980
28160.895	32520.439	20.473	22113.898	35.510
1.014	14.652			
12/11/2015 4:05:00 AM	835500.000	72.806	17.982	165.947
28143.791	32500.564	20.459	22100.385	35.532
1.014	14.652			
12/11/2015 4:10:00 AM	835800.000	72.821	17.981	165.982
28169.213	32530.424	20.480	22120.689	35.500
1.014	14.652			
12/11/2015 4:15:00 AM	836100.000	72.808	17.981	165.952
28159.559	32519.209	20.472	22113.064	35.512
1.014	14.651			
12/11/2015 4:20:00 AM	836400.000	72.823	17.981	165.986
28164.496	32524.852	20.476	22116.900	35.506
1.014	14.651			
12/11/2015 4:25:00 AM	836700.000	72.805	17.981	165.944
28175.027	32536.826	20.484	22125.043	35.492
1.014	14.651			
12/11/2015 4:30:00 AM	837000.000	72.825	17.981	165.991
28158.768	32518.170	20.471	22112.355	35.513
1.014	14.650			
12/11/2015 4:35:00 AM	837300.000	72.829	17.981	165.999
28170.002	32531.021	20.480	22121.098	35.499
1.014	14.650			
12/11/2015 4:40:00 AM	837600.000	72.809	17.981	165.954
28166.127	32526.668	20.477	22118.135	35.504
1.014	14.649			
12/11/2015 4:45:00 AM	837900.000	72.828	17.981	165.998
28176.611	32538.715	20.486	22126.328	35.490
1.014	14.649			
12/11/2015 4:50:00 AM	838200.000	72.831	17.981	166.005
28169.166	32529.932	20.479	22120.354	35.500
1.014	14.646			
12/11/2015 4:55:00 AM	838500.000	72.815	17.981	165.969
28174.818	32536.705	20.484	22124.959	35.493
1.014	14.643			
12/11/2015 5:00:00 AM	838800.000	72.840	17.981	166.025

28163.613	32523.645	20.475	22116.080	35.507
1.014	14.639			
12/11/2015 5:05:00 AM	839100.000	72.836	17.981	166.017
28166.262	32526.824	20.477	22118.240	35.503
1.014	14.641			
12/11/2015 5:10:00 AM	839400.000	72.816	17.981	165.969
28156.301	32515.199	20.469	22110.336	35.516
1.014	14.642			
12/11/2015 5:15:00 AM	839700.000	72.837	17.981	166.018
28171.770	32533.311	20.482	22122.654	35.497
1.014	14.644			
12/11/2015 5:20:00 AM	840000.000	72.845	17.981	166.036
28173.902	32535.527	20.483	22124.158	35.494
1.014	14.643			
12/11/2015 5:25:00 AM	840300.000	72.825	17.981	165.991
28176.170	32538.020	20.485	22125.855	35.491
1.014	14.643			
12/11/2015 5:30:00 AM	840600.000	72.825	17.982	165.991
28164.230	32524.102	20.475	22116.391	35.506
1.014	14.642			
12/11/2015 5:35:00 AM	840900.000	72.846	17.981	166.039
28151.895	32510.172	20.466	22106.918	35.522
1.014	14.642			
12/11/2015 5:40:00 AM	841200.000	72.832	17.982	166.006
28160.354	32519.498	20.472	22113.260	35.511
1.014	14.643			
12/11/2015 5:45:00 AM	841500.000	72.850	17.981	166.049
28167.289	32527.764	20.478	22118.879	35.502
1.014	14.643			
12/11/2015 5:50:00 AM	841800.000	72.830	17.981	166.002
28165.021	32525.205	20.476	22117.143	35.505
1.014	14.646			
12/11/2015 5:55:00 AM	842100.000	72.853	17.981	166.056
28166.867	32527.523	20.478	22118.717	35.503
1.014	14.648			
12/11/2015 6:00:00 AM	842400.000	72.852	17.982	166.051
28180.582	32542.922	20.488	22129.189	35.485
1.014	14.650			
12/11/2015 6:05:00 AM	842700.000	72.833	17.981	166.009
28159.096	32518.615	20.472	22112.660	35.513
1.014	14.653			
12/11/2015 6:10:00 AM	843000.000	72.837	17.981	166.018
28156.662	32515.553	20.469	22110.576	35.516
1.014	14.656			
12/11/2015 6:15:00 AM	843300.000	72.836	17.981	166.017
28167.900	32528.783	20.479	22119.574	35.501
1.014	14.659			
12/11/2015 6:20:00 AM	843600.000	72.855	17.981	166.058
28167.676	32528.396	20.478	22119.313	35.502
1.014	14.658			
12/11/2015 6:25:00 AM	843900.000	72.858	17.981	166.065
28173.199	32534.715	20.483	22123.605	35.495
1.014	14.656			
12/11/2015 6:30:00 AM	844200.000	72.865	17.981	166.081
28163.648	32523.873	20.475	22116.236	35.507
1.014	14.655			
12/11/2015 6:35:00 AM	844500.000	72.869	17.981	166.092
28166.523	32527.066	20.477	22118.408	35.503

1.014	14.656			
12/11/2015 6:40:00 AM	844800.000	72.849	17.982	166.045
28163.346	32523.145	20.475	22115.740	35.507
1.014	14.658			
12/11/2015 6:45:00 AM	845100.000	72.853	17.981	166.055
28171.303	32532.459	20.481	22122.074	35.497
1.014	14.659			
12/11/2015 6:50:00 AM	845400.000	72.857	17.981	166.064
28168.234	32528.980	20.479	22119.709	35.501
1.014	14.658			
12/11/2015 6:55:00 AM	845700.000	72.878	17.981	166.112
28160.486	32520.094	20.473	22113.664	35.511
1.014	14.658			
12/11/2015 7:00:00 AM	846000.000	72.884	17.981	166.126
28166.150	32526.510	20.477	22118.029	35.504
1.014	14.657			
12/11/2015 7:05:00 AM	846300.000	72.860	17.981	166.071
28171.102	32532.480	20.481	22122.090	35.497
1.014	14.662			
12/11/2015 7:10:00 AM	846600.000	72.884	17.982	166.124
28178.045	32540.121	20.486	22127.285	35.489
1.014	14.667			
12/11/2015 7:15:00 AM	846900.000	72.863	17.982	166.078
28166.203	32526.381	20.477	22117.941	35.504
1.014	14.671			
12/11/2015 7:20:00 AM	847200.000	72.878	17.981	166.112
28170.447	32531.412	20.480	22121.363	35.498
1.014	14.671			
12/11/2015 7:25:00 AM	847500.000	72.887	17.981	166.131
28159.994	32519.340	20.472	22113.152	35.511
1.014	14.671			
12/11/2015 7:30:00 AM	847800.000	72.883	17.981	166.122
28161.285	32521.018	20.473	22114.295	35.510
1.014	14.671			
12/11/2015 7:35:00 AM	848100.000	72.889	17.982	166.136
28165.711	32525.619	20.476	22117.422	35.504
1.014	14.671			
12/11/2015 7:40:00 AM	848400.000	72.892	17.981	166.143
28166.365	32526.883	20.477	22118.283	35.503
1.014	14.670			
12/11/2015 7:45:00 AM	848700.000	72.870	17.981	166.094
28174.801	32536.564	20.484	22124.865	35.493
1.014	14.669			
12/11/2015 7:50:00 AM	849000.000	72.881	17.982	166.118
28167.904	32528.281	20.478	22119.234	35.501
1.014	14.668			
12/11/2015 7:55:00 AM	849300.000	72.903	17.981	166.169
28165.607	32525.822	20.477	22117.559	35.504
1.014	14.666			
12/11/2015 8:00:00 AM	849600.000	72.896	17.982	166.152
28180.695	32543.053	20.489	22129.275	35.485
1.014	14.665			
12/11/2015 8:05:00 AM	849900.000	72.892	17.982	166.144
28183.326	32546.092	20.491	22131.342	35.482
1.014	14.666			
12/11/2015 8:10:00 AM	850200.000	72.914	17.982	166.194
28165.479	32525.543	20.476	22117.371	35.504
1.014	14.668			

12/11/2015 8:15:00 AM	850500.000	72.917	17.981	166.199
28161.313	32520.863	20.473	22114.189	35.510
1.014	14.669			
12/11/2015 8:20:00 AM	850800.000	72.922	17.982	166.212
28170.066	32530.779	20.480	22120.932	35.499
1.014	14.672			
12/11/2015 8:25:00 AM	851100.000	72.924	17.982	166.215
28169.982	32530.553	20.480	22120.777	35.499
1.014	14.675			
12/11/2015 8:30:00 AM	851400.000	72.919	17.982	166.205
28184.816	32547.748	20.492	22132.469	35.480
1.014	14.679			
12/11/2015 8:35:00 AM	851700.000	72.930	17.982	166.231
28160.318	32519.338	20.472	22113.152	35.511
1.014	14.680			
12/11/2015 8:40:00 AM	852000.000	72.924	17.982	166.216
28174.350	32535.725	20.483	22124.295	35.493
1.014	14.681			
12/11/2015 8:45:00 AM	852300.000	72.901	17.982	166.163
28186.818	32549.994	20.493	22133.996	35.478
1.014	14.683			
12/11/2015 8:50:00 AM	852600.000	72.925	17.982	166.219
28166.563	32526.477	20.477	22118.006	35.503
1.014	14.682			
12/11/2015 8:55:00 AM	852900.000	72.914	17.982	166.194
28170.012	32530.531	20.480	22120.762	35.499
1.014	14.682			
12/11/2015 9:00:00 AM	853200.000	72.937	17.982	166.245
28174.098	32535.063	20.483	22123.842	35.494
1.014	14.682			
12/11/2015 9:05:00 AM	853500.000	72.935	17.982	166.241
28175.529	32536.904	20.484	22125.098	35.492
1.014	14.686			
12/11/2015 9:10:00 AM	853800.000	72.937	17.982	166.246
28163.697	32523.486	20.475	22115.973	35.507
1.014	14.690			
12/11/2015 9:15:00 AM	854100.000	72.941	17.982	166.255
28178.691	32540.428	20.487	22127.490	35.488
1.014	14.693			
12/11/2015 9:20:00 AM	854400.000	72.939	17.982	166.251
28181.957	32544.014	20.489	22129.930	35.484
1.014	14.692			
12/11/2015 9:25:00 AM	854700.000	72.944	17.982	166.262
28177.807	32539.273	20.486	22126.709	35.489
1.014	14.691			
12/11/2015 9:30:00 AM	855000.000	72.949	17.982	166.274
28191.920	32555.885	20.497	22138.002	35.471
1.014	14.690			
12/11/2015 9:35:00 AM	855300.000	72.946	17.982	166.266
28194.934	32559.123	20.500	22140.203	35.467
1.014	14.691			
12/11/2015 9:40:00 AM	855600.000	72.950	17.982	166.277
28179.227	32541.174	20.487	22127.998	35.487
1.014	14.693			
12/11/2015 9:45:00 AM	855900.000	72.929	17.982	166.229
28169.611	32529.756	20.479	22120.236	35.499
1.014	14.694			
12/11/2015 9:50:00 AM	856200.000	72.932	17.983	166.234

28189.943	32553.109	20.496	22136.115	35.474
1.014	14.693			
12/11/2015 9:55:00 AM	856500.000	72.938	17.982	166.248
28184.934	32547.818	20.492	22132.520	35.480
1.014	14.692			
12/11/2015 10:00:00 AM	856800.000	72.961	17.983	166.300
28194.715	32558.674	20.499	22139.900	35.468
1.014	14.691			
12/11/2015 10:05:00 AM	857100.000	72.943	17.982	166.259
28190.752	32554.410	20.496	22137.002	35.473
1.014	14.693			
12/11/2015 10:10:00 AM	857400.000	72.963	17.982	166.305
28176.486	32537.750	20.485	22125.672	35.491
1.014	14.695			
12/11/2015 10:15:00 AM	857700.000	72.959	17.982	166.297
28192.754	32556.480	20.498	22138.406	35.470
1.014	14.697			
12/11/2015 10:20:00 AM	858000.000	72.946	17.983	166.267
28198.807	32563.152	20.502	22142.945	35.462
1.014	14.696			
12/11/2015 10:25:00 AM	858300.000	72.952	17.983	166.280
28189.199	32552.059	20.495	22135.400	35.475
1.014	14.695			
12/11/2015 10:30:00 AM	858600.000	72.951	17.982	166.277
28202.270	32567.523	20.505	22145.918	35.458
1.014	14.694			
12/11/2015 10:35:00 AM	858900.000	72.965	17.983	166.309
28180.660	32542.258	20.488	22128.736	35.485
1.014	14.696			
12/11/2015 10:40:00 AM	859200.000	72.954	17.983	166.286
28191.848	32555.363	20.497	22137.648	35.471
1.014	14.699			
12/11/2015 10:45:00 AM	859500.000	72.950	17.983	166.275
28194.047	32557.592	20.499	22139.164	35.468
1.014	14.701			
12/11/2015 10:50:00 AM	859800.000	72.967	17.983	166.314
28202.732	32567.807	20.506	22146.111	35.458
1.014	14.701			
12/11/2015 10:55:00 AM	860100.000	72.971	17.983	166.323
28198.777	32562.988	20.502	22142.834	35.463
1.014	14.700			
12/11/2015 11:00:00 AM	860400.000	72.972	17.983	166.326
28188.627	32551.396	20.494	22134.951	35.475
1.014	14.700			
12/11/2015 11:05:00 AM	860700.000	72.973	17.983	166.328
28195.957	32559.982	20.500	22140.791	35.466
1.014	14.701			
12/11/2015 11:10:00 AM	861000.000	72.968	17.983	166.316
28207.318	32572.980	20.509	22149.627	35.452
1.014	14.702			
12/11/2015 11:15:00 AM	861300.000	72.969	17.983	166.318
28187.621	32550.170	20.494	22134.117	35.477
1.014	14.703			
12/11/2015 11:20:00 AM	861600.000	72.954	17.983	166.285
28188.877	32551.746	20.495	22135.189	35.475
1.014	14.702			
12/11/2015 11:25:00 AM	861900.000	72.971	17.983	166.323
28220.621	32588.156	20.520	22159.949	35.435

1.014	14.701			
12/11/2015 11:30:00 AM	862200.000	72.975	17.983	166.332
28208.459	32574.113	20.510	22150.398	35.450
1.014	14.700			
12/11/2015 11:35:00 AM	862500.000	72.956	17.983	166.290
28212.789	32579.299	20.514	22153.926	35.445
1.014	14.699			
12/11/2015 11:40:00 AM	862800.000	72.975	17.983	166.333
28194.021	32557.441	20.499	22139.061	35.469
1.014	14.698			
12/11/2015 11:45:00 AM	863100.000	72.962	17.983	166.303
28204.785	32569.869	20.507	22147.512	35.455
1.014	14.698			
12/11/2015 11:50:00 AM	863400.000	72.970	17.983	166.321
28204.688	32569.943	20.507	22147.564	35.455
1.014	14.699			
12/11/2015 11:55:00 AM	863700.000	72.963	17.983	166.306
28211.357	32577.516	20.512	22152.711	35.447
1.014	14.700			
12/11/2015 12:00:00 PM	864000.000	72.963	17.983	166.305
28212.635	32579.121	20.514	22153.803	35.445
1.014	14.701			
12/11/2015 12:05:00 PM	864300.000	72.963	17.983	166.305
28204.488	32569.584	20.507	22147.318	35.455
1.014	14.699			
12/11/2015 12:10:00 PM	864600.000	72.971	17.983	166.324
28211.828	32578.059	20.513	22153.082	35.446
1.014	14.697			
12/11/2015 12:15:00 PM	864900.000	72.970	17.983	166.321
28207.855	32573.537	20.510	22150.008	35.451
1.014	14.695			
12/11/2015 12:20:00 PM	865200.000	72.942	17.983	166.257
28202.039	32566.885	20.505	22145.482	35.458
1.014	14.694			
12/11/2015 12:25:00 PM	865500.000	72.959	17.983	166.296
28214.303	32580.670	20.515	22154.855	35.443
1.014	14.694			
12/11/2015 12:30:00 PM	865800.000	72.960	17.983	166.299
28209.580	32575.715	20.511	22151.488	35.449
1.014	14.694			
12/11/2015 12:35:00 PM	866100.000	72.942	17.983	166.257
28203.707	32568.625	20.506	22146.668	35.456
1.014	14.695			
12/11/2015 12:40:00 PM	866400.000	72.954	17.983	166.286
28197.738	32562.039	20.502	22142.189	35.464
1.014	14.696			
12/11/2015 12:45:00 PM	866700.000	72.954	17.983	166.285
28208.988	32574.910	20.511	22150.939	35.450
1.014	14.696			
12/11/2015 12:50:00 PM	867000.000	72.932	17.983	166.236
28215.805	32582.529	20.516	22156.123	35.441
1.014	14.694			
12/11/2015 12:55:00 PM	867300.000	72.952	17.983	166.281
28210.676	32576.979	20.512	22152.348	35.448
1.014	14.692			
12/11/2015 1:00:00 PM	867600.000	72.948	17.983	166.272
28206.430	32571.955	20.509	22148.932	35.453
1.014	14.689			

12/11/2015 1:05:00 PM	867900.000	72.925	17.983	166.220
28211.400	32577.383	20.512	22152.623	35.447
1.014	14.690			
12/11/2015 1:10:00 PM	868200.000	72.948	17.983	166.272
28220.688	32588.355	20.520	22160.084	35.435
1.014	14.691			
12/11/2015 1:15:00 PM	868500.000	72.939	17.983	166.251
28207.619	32573.389	20.510	22149.906	35.451
1.014	14.691			
12/11/2015 1:20:00 PM	868800.000	72.937	17.983	166.245
28220.416	32588.041	20.520	22159.869	35.435
1.014	14.693			
12/11/2015 1:25:00 PM	869100.000	72.933	17.982	166.237
28189.963	32553.258	20.496	22136.215	35.474
1.014	14.694			
12/11/2015 1:30:00 PM	869400.000	72.924	17.983	166.217
28205.150	32570.166	20.507	22147.715	35.455
1.014	14.696			
12/11/2015 1:35:00 PM	869700.000	72.924	17.983	166.217
28208.916	32574.947	20.511	22150.967	35.450
1.014	14.695			
12/11/2015 1:40:00 PM	870000.000	72.926	17.983	166.221
28193.723	32557.527	20.499	22139.119	35.469
1.014	14.695			
12/11/2015 1:45:00 PM	870300.000	72.921	17.983	166.208
28193.582	32557.240	20.498	22138.926	35.469
1.014	14.694			
12/11/2015 1:50:00 PM	870600.000	72.904	17.982	166.170
28210.389	32576.846	20.512	22152.256	35.448
1.014	14.693			
12/11/2015 1:55:00 PM	870900.000	72.917	17.983	166.200
28193.174	32556.895	20.498	22138.691	35.470
1.014	14.692			
12/11/2015 2:00:00 PM	871200.000	72.894	17.983	166.149
28205.754	32571.367	20.508	22148.531	35.454
1.014	14.691			
12/11/2015 2:05:00 PM	871500.000	72.914	17.983	166.194
28195.693	32559.617	20.500	22140.539	35.466
1.014	14.691			
12/11/2015 2:10:00 PM	871800.000	72.911	17.983	166.186
28196.213	32560.404	20.501	22141.074	35.466
1.014	14.691			
12/11/2015 2:15:00 PM	872100.000	72.905	17.982	166.174
28193.848	32557.930	20.499	22139.393	35.469
1.014	14.691			
12/11/2015 2:20:00 PM	872400.000	72.900	17.982	166.162
28196.652	32561.037	20.501	22141.506	35.465
1.014	14.691			
12/11/2015 2:25:00 PM	872700.000	72.884	17.983	166.126
28183.922	32546.211	20.491	22131.424	35.481
1.014	14.690			
12/11/2015 2:30:00 PM	873000.000	72.900	17.982	166.161
28201.941	32567.459	20.505	22145.875	35.459
1.014	14.690			
12/11/2015 2:35:00 PM	873300.000	72.892	17.983	166.142
28192.316	32555.719	20.497	22137.891	35.471
1.014	14.690			
12/11/2015 2:40:00 PM	873600.000	72.871	17.983	166.096

28192.781	32556.314	20.498	22138.297	35.470
1.014	14.690			
12/11/2015 2:45:00 PM	873900.000	72.885	17.982	166.126
28171.113	32531.545	20.481	22121.453	35.497
1.014	14.690			
12/11/2015 2:50:00 PM	874200.000	72.882	17.982	166.121
28202.023	32567.311	20.505	22145.773	35.458
1.014	14.689			
12/11/2015 2:55:00 PM	874500.000	72.882	17.982	166.119
28179.590	32541.521	20.487	22128.234	35.487
1.014	14.688			
12/11/2015 3:00:00 PM	874800.000	72.880	17.982	166.116
28191.893	32555.729	20.497	22137.898	35.471
1.014	14.686			
12/11/2015 3:05:00 PM	875100.000	72.858	17.982	166.066
28187.738	32550.932	20.494	22134.635	35.476
1.014	14.687			
12/11/2015 3:10:00 PM	875400.000	72.855	17.982	166.060
28181.977	32544.090	20.489	22129.982	35.484
1.014	14.688			
12/11/2015 3:15:00 PM	875700.000	72.865	17.982	166.081
28171.129	32531.695	20.481	22121.553	35.497
1.014	14.688			
12/11/2015 3:20:00 PM	876000.000	72.867	17.982	166.086
28184.709	32547.434	20.492	22132.258	35.480
1.014	14.691			
12/11/2015 3:25:00 PM	876300.000	72.855	17.982	166.060
28168.273	32528.453	20.478	22119.348	35.501
1.014	14.694			
12/11/2015 3:30:00 PM	876600.000	72.850	17.982	166.048
28171.502	32532.371	20.481	22122.014	35.497
1.014	14.697			
12/11/2015 3:35:00 PM	876900.000	72.846	17.982	166.038
28173.594	32534.668	20.483	22123.576	35.494
1.014	14.698			
12/11/2015 3:40:00 PM	877200.000	72.824	17.982	165.989
28168.211	32528.264	20.478	22119.221	35.501
1.014	14.699			
12/11/2015 3:45:00 PM	877500.000	72.836	17.982	166.015
28177.701	32539.723	20.486	22127.012	35.489
1.014	14.701			
12/11/2015 3:50:00 PM	877800.000	72.836	17.982	166.015
28169.529	32529.975	20.479	22120.385	35.499
1.014	14.701			
12/11/2015 3:55:00 PM	878100.000	72.817	17.982	165.973
28164.943	32524.799	20.476	22116.865	35.505
1.014	14.701			
12/11/2015 4:00:00 PM	878400.000	72.811	17.982	165.959
28169.357	32529.777	20.479	22120.248	35.500
1.014	14.700			
12/11/2015 4:05:00 PM	878700.000	72.822	17.982	165.984
28167.549	32527.807	20.478	22118.910	35.502
1.014	14.702			
12/11/2015 4:10:00 PM	879000.000	72.827	17.982	165.995
28164.799	32524.512	20.476	22116.668	35.505
1.014	14.703			
12/11/2015 4:15:00 PM	879300.000	72.819	17.982	165.976
28163.201	32522.596	20.474	22115.365	35.507

1.014	14.704			
12/11/2015 4:20:00 PM	879600.000	72.791	17.982	165.914
28182.074	32544.773	20.490	22130.445	35.484
1.014	14.704			
12/11/2015 4:25:00 PM	879900.000	72.815	17.982	165.968
28165.248	32525.150	20.476	22117.102	35.505
1.014	14.705			
12/11/2015 4:30:00 PM	880200.000	72.795	17.981	165.922
28161.096	32520.611	20.473	22114.018	35.510
1.014	14.705			
12/11/2015 4:35:00 PM	880500.000	72.786	17.982	165.901
28165.748	32525.662	20.476	22117.453	35.504
1.014	14.707			
12/11/2015 4:40:00 PM	880800.000	72.802	17.981	165.938
28164.578	32524.693	20.476	22116.793	35.506
1.014	14.709			
12/11/2015 4:45:00 PM	881100.000	72.798	17.982	165.929
28157.131	32515.969	20.470	22110.861	35.515
1.014	14.712			
12/11/2015 4:50:00 PM	881400.000	72.774	17.982	165.874
28164.025	32523.738	20.475	22116.145	35.506
1.014	14.713			
12/11/2015 4:55:00 PM	881700.000	72.792	17.981	165.917
28178.699	32541.002	20.487	22127.883	35.488
1.014	14.714			
12/11/2015 5:00:00 PM	882000.000	72.788	17.982	165.906
28167.549	32527.742	20.478	22118.865	35.502
1.014	14.715			
12/11/2015 5:05:00 PM	882300.000	72.783	17.981	165.896
28168.227	32529.094	20.479	22119.783	35.501
1.014	14.714			
12/11/2015 5:10:00 PM	882600.000	72.787	17.981	165.903
28177.992	32540.186	20.487	22127.326	35.489
1.014	14.713			
12/11/2015 5:15:00 PM	882900.000	72.769	17.982	165.862
28164.049	32523.830	20.475	22116.205	35.506
1.014	14.712			
12/11/2015 5:20:00 PM	883200.000	72.780	17.982	165.887
28168.871	32529.525	20.479	22120.078	35.500
1.014	14.713			
12/11/2015 5:25:00 PM	883500.000	72.777	17.982	165.881
28165.523	32525.660	20.476	22117.451	35.504
1.014	14.714			
12/11/2015 5:30:00 PM	883800.000	72.780	17.981	165.888
28161.725	32521.523	20.474	22114.637	35.509
1.014	14.715			
12/11/2015 5:35:00 PM	884100.000	72.772	17.981	165.869
28158.559	32517.807	20.471	22112.109	35.513
1.014	14.715			
12/11/2015 5:40:00 PM	884400.000	72.769	17.981	165.864
28162.939	32522.801	20.474	22115.506	35.508
1.014	14.715			
12/11/2015 5:45:00 PM	884700.000	72.774	17.981	165.874
28173.758	32535.234	20.483	22123.961	35.494
1.014	14.715			
12/11/2015 5:50:00 PM	885000.000	72.764	17.981	165.851
28165.891	32526.209	20.477	22117.822	35.504
1.014	14.716			

12/11/2015 5:55:00 PM	885300.000	72.750	17.981	165.819
28165.381	32525.561	20.476	22117.383	35.505
1.014	14.717			
12/11/2015 6:00:00 PM	885600.000	72.750	17.981	165.821
28168.531	32529.385	20.479	22119.984	35.501
1.014	14.717			
12/11/2015 6:05:00 PM	885900.000	72.751	17.981	165.823
28180.527	32543.424	20.489	22129.529	35.485
1.014	14.718			
12/11/2015 6:10:00 PM	886200.000	72.765	17.981	165.853
28157.867	32517.070	20.471	22111.609	35.514
1.014	14.719			
12/11/2015 6:15:00 PM	886500.000	72.764	17.981	165.851
28153.725	32512.160	20.467	22108.271	35.519
1.014	14.720			
12/11/2015 6:20:00 PM	886800.000	72.735	17.981	165.786
28162.898	32523.008	20.475	22115.648	35.508
1.014	14.724			
12/11/2015 6:25:00 PM	887100.000	72.759	17.982	165.840
28168.313	32528.816	20.479	22119.596	35.501
1.014	14.728			
12/11/2015 6:30:00 PM	887400.000	72.730	17.981	165.773
28154.695	32513.346	20.468	22109.078	35.518
1.014	14.731			
12/11/2015 6:35:00 PM	887700.000	72.732	17.981	165.778
28170.090	32531.244	20.480	22121.246	35.499
1.014	14.730			
12/11/2015 6:40:00 PM	888000.000	72.752	17.982	165.824
28159.773	32519.020	20.472	22112.934	35.512
1.014	14.729			
12/11/2015 6:45:00 PM	888300.000	72.736	17.981	165.787
28170.094	32531.441	20.480	22121.381	35.499
1.014	14.728			
12/11/2015 6:50:00 PM	888600.000	72.755	17.981	165.830
28154.631	32513.146	20.468	22108.939	35.518
1.014	14.729			
12/11/2015 6:55:00 PM	888900.000	72.753	17.982	165.826
28161.688	32521.166	20.473	22114.393	35.509
1.014	14.729			
12/11/2015 7:00:00 PM	889200.000	72.749	17.981	165.817
28171.617	32533.135	20.482	22122.531	35.497
1.014	14.730			
12/11/2015 7:05:00 PM	889500.000	72.755	17.981	165.831
28165.668	32526.018	20.477	22117.693	35.504
1.014	14.729			
12/11/2015 7:10:00 PM	889800.000	72.757	17.981	165.837
28169.867	32530.803	20.480	22120.947	35.499
1.014	14.728			
12/11/2015 7:15:00 PM	890100.000	72.750	17.981	165.820
28155.840	32514.914	20.469	22110.145	35.517
1.014	14.728			
12/11/2015 7:20:00 PM	890400.000	72.737	17.981	165.791
28158.443	32517.734	20.471	22112.063	35.513
1.014	14.727			
12/11/2015 7:25:00 PM	890700.000	72.754	17.981	165.828
28186.064	32549.760	20.493	22133.836	35.479
1.014	14.727			
12/11/2015 7:30:00 PM	891000.000	72.760	17.981	165.843

28182.414	32545.230	20.490	22130.758	35.483
1.014	14.727			
12/11/2015 7:35:00 PM	891300.000	72.741	17.981	165.800
28154.270	32513.043	20.468	22108.869	35.519
1.014	14.727			
12/11/2015 7:40:00 PM	891600.000	72.759	17.981	165.839
28155.781	32514.475	20.469	22109.844	35.517
1.014	14.726			
12/11/2015 7:45:00 PM	891900.000	72.762	17.981	165.847
28185.602	32549.408	20.493	22133.598	35.479
1.014	14.725			
12/11/2015 7:50:00 PM	892200.000	72.760	17.981	165.843
28164.389	32524.729	20.476	22116.818	35.506
1.014	14.729			
12/11/2015 7:55:00 PM	892500.000	72.761	17.981	165.845
28171.254	32532.590	20.481	22122.164	35.497
1.014	14.732			
12/11/2015 8:00:00 PM	892800.000	72.737	17.981	165.790
28169.471	32530.529	20.480	22120.760	35.499
1.014	14.735			
12/11/2015 8:05:00 PM	893100.000	72.761	17.981	165.844
28156.201	32515.146	20.469	22110.303	35.516
1.014	14.734			
12/11/2015 8:10:00 PM	893400.000	72.747	17.981	165.813
28174.666	32536.283	20.484	22124.674	35.493
1.014	14.733			
12/11/2015 8:15:00 PM	893700.000	72.747	17.981	165.812
28163.170	32523.068	20.475	22115.688	35.507
1.014	14.732			
12/11/2015 8:20:00 PM	894000.000	72.769	17.981	165.863
28159.393	32518.959	20.472	22112.895	35.512
1.014	14.734			
12/11/2015 8:25:00 PM	894300.000	72.767	17.982	165.859
28159.271	32518.129	20.471	22112.330	35.512
1.014	14.736			
12/11/2015 8:30:00 PM	894600.000	72.764	17.982	165.852
28159.332	32518.510	20.472	22112.588	35.512
1.014	14.738			
12/11/2015 8:35:00 PM	894900.000	72.768	17.981	165.861
28162.967	32522.959	20.475	22115.613	35.508
1.014	14.736			
12/11/2015 8:40:00 PM	895200.000	72.757	17.981	165.835
28162.150	32522.201	20.474	22115.100	35.509
1.014	14.734			
12/11/2015 8:45:00 PM	895500.000	72.779	17.981	165.885
28179.932	32542.609	20.488	22128.975	35.486
1.014	14.733			
12/11/2015 8:50:00 PM	895800.000	72.756	17.981	165.833
28174.637	32536.563	20.484	22124.865	35.493
1.014	14.732			
12/11/2015 8:55:00 PM	896100.000	72.762	17.981	165.847
28157.814	32516.883	20.470	22111.480	35.514
1.014	14.732			
12/11/2015 9:00:00 PM	896400.000	72.783	17.981	165.895
28169.170	32530.182	20.480	22120.525	35.500
1.014	14.731			
12/11/2015 9:05:00 PM	896700.000	72.781	17.981	165.891
28167.160	32527.861	20.478	22118.945	35.502

1.014	14.733			
12/11/2015 9:10:00 PM	897000.000	72.762	17.981	165.847
28157.371	32516.311	20.470	22111.094	35.515
1.014	14.736			
12/11/2015 9:15:00 PM	897300.000	72.784	17.981	165.896
28165.314	32525.797	20.477	22117.545	35.505
1.014	14.738			
12/11/2015 9:20:00 PM	897600.000	72.783	17.981	165.895
28159.918	32519.564	20.472	22113.307	35.511
1.014	14.739			
12/11/2015 9:25:00 PM	897900.000	72.787	17.982	165.905
28163.656	32523.504	20.475	22115.984	35.507
1.014	14.741			
12/11/2015 9:30:00 PM	898200.000	72.787	17.982	165.904
28169.961	32530.785	20.480	22120.936	35.499
1.014	14.743			
12/11/2015 9:35:00 PM	898500.000	72.788	17.982	165.907
28165.668	32525.828	20.477	22117.563	35.504
1.014	14.741			
12/11/2015 9:40:00 PM	898800.000	72.776	17.981	165.878
28163.871	32523.877	20.475	22116.238	35.506
1.014	14.739			
12/11/2015 9:45:00 PM	899100.000	72.803	17.981	165.940
28161.148	32520.732	20.473	22114.100	35.510
1.014	14.737			
12/11/2015 9:50:00 PM	899400.000	72.802	17.981	165.937
28178.309	32540.928	20.487	22127.832	35.488
1.014	14.740			
12/11/2015 9:55:00 PM	899700.000	72.797	17.981	165.926
28167.240	32527.707	20.478	22118.844	35.502
1.014	14.743			
12/11/2015 10:00:00 PM	900000.000	72.803	17.981	165.939
28186.318	32549.865	20.493	22133.910	35.478
1.014	14.746			
12/11/2015 10:05:00 PM	900300.000	72.803	17.981	165.941
28170.889	32532.047	20.481	22121.793	35.498
1.014	14.745			
12/11/2015 10:10:00 PM	900600.000	72.805	17.981	165.944
28164.955	32525.193	20.476	22117.133	35.505
1.014	14.745			
12/11/2015 10:15:00 PM	900900.000	72.806	17.981	165.948
28167.432	32528.176	20.478	22119.162	35.502
1.014	14.744			
12/11/2015 10:20:00 PM	901200.000	72.808	17.982	165.953
28168.926	32529.590	20.479	22120.123	35.500
1.014	14.745			
12/11/2015 10:25:00 PM	901500.000	72.814	17.981	165.967
28185.092	32548.449	20.492	22132.945	35.480
1.014	14.745			
12/11/2015 10:30:00 PM	901800.000	72.798	17.982	165.928
28152.682	32510.830	20.466	22107.367	35.521
1.014	14.745			
12/11/2015 10:35:00 PM	902100.000	72.798	17.981	165.929
28177.650	32539.916	20.486	22127.145	35.489
1.014	14.746			
12/11/2015 10:40:00 PM	902400.000	72.801	17.982	165.935
28163.285	32523.010	20.475	22115.648	35.507
1.014	14.746			

12/11/2015 10:45:00 PM	902700.000	72.826	17.981	165.994
28175.299	32537.074	20.484	22125.211	35.492
1.014	14.747			
12/11/2015 10:50:00 PM	903000.000	72.810	17.981	165.956
28160.484	32520.092	20.473	22113.662	35.511
1.014	14.747			
12/11/2015 10:55:00 PM	903300.000	72.829	17.981	166.001
28161.434	32521.002	20.473	22114.283	35.510
1.014	14.746			
12/11/2015 11:00:00 PM	903600.000	72.813	17.982	165.964
28169.709	32530.430	20.480	22120.695	35.499
1.014	14.746			
12/11/2015 11:05:00 PM	903900.000	72.837	17.981	166.017
28164.086	32524.191	20.475	22116.453	35.506
1.014	14.746			
12/11/2015 11:10:00 PM	904200.000	72.812	17.981	165.962
28174.514	32536.168	20.484	22124.596	35.493
1.014	14.745			
12/11/2015 11:15:00 PM	904500.000	72.837	17.982	166.018
28163.023	32522.709	20.474	22115.441	35.508
1.014	14.745			
12/11/2015 11:20:00 PM	904800.000	72.836	17.982	166.016
28171.992	32533.131	20.482	22122.529	35.496
1.014	14.746			
12/11/2015 11:25:00 PM	905100.000	72.841	17.981	166.028
28175.461	32537.326	20.485	22125.383	35.492
1.014	14.747			
12/11/2015 11:30:00 PM	905400.000	72.845	17.981	166.036
28165.951	32526.344	20.477	22117.914	35.504
1.014	14.748			
12/11/2015 11:35:00 PM	905700.000	72.841	17.981	166.028
28169.232	32530.068	20.480	22120.449	35.500
1.014	14.749			
12/11/2015 11:40:00 PM	906000.000	72.845	17.982	166.035
28180.797	32543.170	20.489	22129.355	35.485
1.014	14.751			
12/11/2015 11:45:00 PM	906300.000	72.824	17.981	165.988
28161.785	32521.408	20.474	22114.559	35.509
1.014	14.752			
12/11/2015 11:50:00 PM	906600.000	72.847	17.981	166.042
28171.248	32532.461	20.481	22122.076	35.497
1.014	14.752			
12/11/2015 11:55:00 PM	906900.000	72.845	17.981	166.037
28176.615	32538.533	20.485	22126.203	35.490
1.014	14.752			
12/12/2015 12:00:00 AM	907200.000	72.852	17.981	166.051
28184.113	32547.439	20.492	22132.262	35.481
1.014	14.752			
12/12/2015 12:05:00 AM	907500.000	72.835	17.982	166.013
28172.480	32533.629	20.482	22122.867	35.496
1.014	14.752			
12/12/2015 12:10:00 AM	907800.000	72.853	17.981	166.054
28170.049	32531.076	20.480	22121.135	35.499
1.014	14.752			
12/12/2015 12:15:00 AM	908100.000	72.839	17.981	166.023
28176.629	32538.676	20.485	22126.301	35.490
1.014	14.752			
12/12/2015 12:20:00 AM	908400.000	72.858	17.981	166.066

28159.371	32518.621	20.472	22112.664	35.512
1.014	14.750			
12/12/2015 12:25:00 AM	908700.000	72.864	17.982	166.080
28167.309	32527.594	20.478	22118.766	35.502
1.014	14.748			
12/12/2015 12:30:00 AM	909000.000	72.849	17.981	166.044
28153.119	32511.525	20.467	22107.840	35.520
1.014	14.745			
12/12/2015 12:35:00 AM	909300.000	72.862	17.981	166.076
28172.502	32533.783	20.482	22122.975	35.496
1.014	14.750			
12/12/2015 12:40:00 AM	909600.000	72.843	17.981	166.031
28162.074	32521.742	20.474	22114.787	35.509
1.014	14.755			
12/12/2015 12:45:00 AM	909900.000	72.836	17.981	166.016
28167.416	32527.971	20.478	22119.020	35.502
1.014	14.760			
12/12/2015 12:50:00 AM	910200.000	72.837	17.982	166.018
28177.008	32538.730	20.486	22126.340	35.490
1.014	14.758			
12/12/2015 12:55:00 AM	910500.000	72.864	17.982	166.079
28174.260	32535.557	20.483	22124.180	35.493
1.014	14.756			
12/12/2015 1:00:00 AM	910800.000	72.865	17.982	166.081
28173.410	32534.768	20.483	22123.645	35.494
1.014	14.755			
12/12/2015 1:05:00 AM	911100.000	72.868	17.981	166.088
28180.518	32543.166	20.489	22129.354	35.486
1.014	14.755			
12/12/2015 1:10:00 AM	911400.000	72.866	17.982	166.085
28171.006	32531.992	20.481	22121.758	35.497
1.014	14.755			
12/12/2015 1:15:00 AM	911700.000	72.857	17.982	166.063
28172.252	32533.365	20.482	22122.689	35.496
1.014	14.756			
12/12/2015 1:20:00 AM	912000.000	72.868	17.982	166.089
28171.596	32532.545	20.481	22122.131	35.497
1.014	14.757			
12/12/2015 1:25:00 AM	912300.000	72.867	17.982	166.086
28200.170	32565.670	20.504	22144.656	35.461
1.014	14.759			
12/12/2015 1:30:00 AM	912600.000	72.847	17.981	166.041
28180.951	32543.541	20.489	22129.607	35.485
1.014	14.761			
12/12/2015 1:35:00 AM	912900.000	72.867	17.982	166.086
28168.875	32529.148	20.479	22119.822	35.500
1.014	14.763			
12/12/2015 1:40:00 AM	913200.000	72.874	17.981	166.103
28171.924	32533.178	20.482	22122.563	35.496
1.014	14.765			
12/12/2015 1:45:00 AM	913500.000	72.869	17.982	166.090
28170.391	32531.154	20.480	22121.188	35.498
1.014	14.767			
12/12/2015 1:50:00 AM	913800.000	72.852	17.982	166.053
28168.174	32528.594	20.479	22119.443	35.501
1.014	14.765			
12/12/2015 1:55:00 AM	914100.000	72.877	17.982	166.109
28167.396	32527.631	20.478	22118.789	35.502

1.014	14.763			
12/12/2015 2:00:00 AM	914400.000	72.876	17.982	166.107
28175.822	32537.242	20.485	22125.326	35.491
1.014	14.762			
12/12/2015 2:05:00 AM	914700.000	72.859	17.981	166.068
28169.609	32530.443	20.480	22120.703	35.499
1.014	14.762			
12/12/2015 2:10:00 AM	915000.000	72.877	17.982	166.108
28161.084	32520.275	20.473	22113.789	35.510
1.014	14.762			
12/12/2015 2:15:00 AM	915300.000	72.878	17.982	166.111
28168.102	32528.637	20.479	22119.475	35.501
1.014	14.762			
12/12/2015 2:20:00 AM	915600.000	72.857	17.982	166.063
28158.996	32517.811	20.471	22112.111	35.513
1.014	14.763			
12/12/2015 2:25:00 AM	915900.000	72.875	17.982	166.104
28154.627	32512.766	20.468	22108.684	35.518
1.014	14.764			
12/12/2015 2:30:00 AM	916200.000	72.859	17.982	166.068
28174.957	32536.555	20.484	22124.859	35.493
1.014	14.765			
12/12/2015 2:35:00 AM	916500.000	72.872	17.981	166.098
28195.006	32559.832	20.500	22140.686	35.467
1.014	14.767			
12/12/2015 2:40:00 AM	916800.000	72.878	17.981	166.111
28162.020	32521.740	20.474	22114.785	35.509
1.014	14.768			
12/12/2015 2:45:00 AM	917100.000	72.853	17.981	166.055
28179.162	32541.475	20.487	22128.205	35.487
1.014	14.770			
12/12/2015 2:50:00 AM	917400.000	72.868	17.982	166.089
28164.537	32524.521	20.476	22116.676	35.506
1.014	14.770			
12/12/2015 2:55:00 AM	917700.000	72.853	17.982	166.055
28160.811	32520.219	20.473	22113.748	35.510
1.014	14.770			
12/12/2015 3:00:00 AM	918000.000	72.870	17.982	166.094
28170.648	32531.514	20.481	22121.432	35.498
1.014	14.771			
12/12/2015 3:05:00 AM	918300.000	72.873	17.982	166.099
28166.508	32526.605	20.477	22118.094	35.503
1.014	14.771			
12/12/2015 3:10:00 AM	918600.000	72.854	17.982	166.057
28173.543	32534.793	20.483	22123.660	35.494
1.014	14.771			
12/12/2015 3:15:00 AM	918900.000	72.849	17.981	166.046
28161.768	32521.514	20.474	22114.629	35.509
1.014	14.771			
12/12/2015 3:20:00 AM	919200.000	72.873	17.982	166.100
28180.793	32543.293	20.489	22129.439	35.485
1.014	14.770			
12/12/2015 3:25:00 AM	919500.000	72.856	17.982	166.062
28172.637	32533.875	20.482	22123.035	35.495
1.014	14.768			
12/12/2015 3:30:00 AM	919800.000	72.879	17.981	166.114
28175.996	32537.879	20.485	22125.760	35.491
1.014	14.766			

12/12/2015 3:35:00 AM	920100.000	72.862	17.982	166.075
28167.629	32527.898	20.478	22118.971	35.502
1.014	14.765			
12/12/2015 3:40:00 AM	920400.000	72.879	17.982	166.113
28180.740	32543.041	20.489	22129.270	35.485
1.014	14.763			
12/12/2015 3:45:00 AM	920700.000	72.879	17.982	166.114
28177.361	32539.139	20.486	22126.615	35.489
1.014	14.762			
12/12/2015 3:50:00 AM	921000.000	72.879	17.981	166.115
28166.215	32526.648	20.477	22118.123	35.504
1.014	14.762			
12/12/2015 3:55:00 AM	921300.000	72.877	17.982	166.108
28185.109	32548.086	20.492	22132.699	35.480
1.014	14.763			
12/12/2015 4:00:00 AM	921600.000	72.878	17.982	166.111
28163.625	32523.340	20.475	22115.871	35.507
1.014	14.763			
12/12/2015 4:05:00 AM	921900.000	72.862	17.982	166.075
28175.734	32537.387	20.485	22125.426	35.492
1.014	14.762			
12/12/2015 4:10:00 AM	922200.000	72.877	17.982	166.110
28179.014	32540.980	20.487	22127.869	35.487
1.014	14.761			
12/12/2015 4:15:00 AM	922500.000	72.879	17.982	166.113
28163.512	32523.145	20.475	22115.740	35.507
1.014	14.761			
12/12/2015 4:20:00 AM	922800.000	72.878	17.981	166.112
28171.049	32532.105	20.481	22121.834	35.497
1.014	14.761			
12/12/2015 4:25:00 AM	923100.000	72.883	17.982	166.124
28187.475	32550.945	20.494	22134.645	35.477
1.014	14.761			
12/12/2015 4:30:00 AM	923400.000	72.882	17.982	166.120
28162.496	32522.164	20.474	22115.074	35.508
1.014	14.762			
12/12/2015 4:35:00 AM	923700.000	72.886	17.982	166.130
28173.156	32534.281	20.482	22123.313	35.495
1.014	14.761			
12/12/2015 4:40:00 AM	924000.000	72.889	17.981	166.136
28167.037	32527.533	20.478	22118.723	35.502
1.014	14.761			
12/12/2015 4:45:00 AM	924300.000	72.888	17.982	166.135
28174.787	32536.100	20.484	22124.551	35.493
1.014	14.760			
12/12/2015 4:50:00 AM	924600.000	72.881	17.982	166.119
28166.150	32526.002	20.477	22117.684	35.504
1.014	14.765			
12/12/2015 4:55:00 AM	924900.000	72.877	17.982	166.110
28179.967	32542.340	20.488	22128.791	35.486
1.014	14.769			
12/12/2015 5:00:00 AM	925200.000	72.876	17.982	166.107
28166.592	32526.766	20.477	22118.203	35.503
1.014	14.774			
12/12/2015 5:05:00 AM	925500.000	72.859	17.982	166.069
28169.592	32530.293	20.480	22120.600	35.499
1.014	14.773			
12/12/2015 5:10:00 AM	925800.000	72.864	17.982	166.080

28185.043	32548.201	20.492	22132.777	35.480
1.014	14.772			
12/12/2015 5:15:00 AM	926100.000	72.883	17.982	166.124
28168.096	32528.566	20.479	22119.426	35.501
1.014	14.772			
12/12/2015 5:20:00 AM	926400.000	72.863	17.982	166.077
28187.154	32550.574	20.494	22134.393	35.477
1.014	14.773			
12/12/2015 5:25:00 AM	926700.000	72.879	17.981	166.115
28167.111	32527.619	20.478	22118.781	35.502
1.014	14.775			
12/12/2015 5:30:00 AM	927000.000	72.882	17.982	166.120
28160.660	32519.852	20.472	22113.500	35.511
1.014	14.776			
12/12/2015 5:35:00 AM	927300.000	72.884	17.982	166.124
28176.715	32538.520	20.485	22126.193	35.490
1.014	14.776			
12/12/2015 5:40:00 AM	927600.000	72.881	17.982	166.118
28180.354	32542.787	20.488	22129.098	35.486
1.014	14.775			
12/12/2015 5:45:00 AM	927900.000	72.884	17.982	166.125
28192.541	32556.668	20.498	22138.537	35.470
1.014	14.775			
12/12/2015 5:50:00 AM	928200.000	72.883	17.982	166.122
28167.852	32528.156	20.478	22119.148	35.501
1.014	14.775			
12/12/2015 5:55:00 AM	928500.000	72.866	17.982	166.085
28171.572	32532.453	20.481	22122.070	35.497
1.014	14.774			
12/12/2015 6:00:00 AM	928800.000	72.887	17.982	166.131
28152.492	32510.420	20.466	22107.086	35.521
1.014	14.774			
12/12/2015 6:05:00 AM	929100.000	72.887	17.982	166.133
28181.666	32544.045	20.489	22129.951	35.484
1.014	14.774			
12/12/2015 6:10:00 AM	929400.000	72.891	17.982	166.141
28156.508	32515.121	20.469	22110.285	35.516
1.014	14.774			
12/12/2015 6:15:00 AM	929700.000	72.893	17.982	166.146
28168.369	32528.881	20.479	22119.641	35.501
1.014	14.775			
12/12/2015 6:20:00 AM	930000.000	72.892	17.981	166.144
28177.561	32539.625	20.486	22126.945	35.489
1.014	14.777			
12/12/2015 6:25:00 AM	930300.000	72.888	17.982	166.135
28175.246	32536.631	20.484	22124.910	35.492
1.014	14.780			
12/12/2015 6:30:00 AM	930600.000	72.893	17.982	166.145
28172.029	32533.045	20.482	22122.471	35.496
1.014	14.782			
12/12/2015 6:35:00 AM	930900.000	72.875	17.982	166.104
28179.326	32541.535	20.487	22128.244	35.487
1.014	14.785			
12/12/2015 6:40:00 AM	931200.000	72.894	17.982	166.147
28162.496	32522.037	20.474	22114.988	35.508
1.014	14.789			
12/12/2015 6:45:00 AM	931500.000	72.872	17.982	166.098
28166.209	32526.014	20.477	22117.691	35.504

1.014	14.792			
12/12/2015 6:50:00 AM	931800.000	72.877	17.981	166.108
28161.295	32520.902	20.473	22114.215	35.510
1.014	14.791			
12/12/2015 6:55:00 AM	932100.000	72.878	17.982	166.112
28169.498	32529.750	20.479	22120.232	35.499
1.014	14.789			
12/12/2015 7:00:00 AM	932400.000	72.905	17.982	166.173
28167.381	32527.367	20.478	22118.611	35.502
1.014	14.787			
12/12/2015 7:05:00 AM	932700.000	72.906	17.981	166.175
28160.787	32520.316	20.473	22113.814	35.510
1.014	14.788			
12/12/2015 7:10:00 AM	933000.000	72.905	17.982	166.173
28165.434	32525.246	20.476	22117.168	35.505
1.014	14.789			
12/12/2015 7:15:00 AM	933300.000	72.910	17.982	166.185
28179.740	32541.951	20.488	22128.529	35.486
1.014	14.790			
12/12/2015 7:20:00 AM	933600.000	72.912	17.982	166.189
28164.213	32523.889	20.475	22116.246	35.506
1.014	14.786			
12/12/2015 7:25:00 AM	933900.000	72.918	17.982	166.203
28166.641	32526.639	20.477	22118.117	35.503
1.014	14.783			
12/12/2015 7:30:00 AM	934200.000	72.924	17.982	166.216
28165.275	32524.875	20.476	22116.916	35.505
1.014	14.779			
12/12/2015 7:35:00 AM	934500.000	72.922	17.982	166.211
28170.119	32530.840	20.480	22120.973	35.499
1.014	14.783			
12/12/2015 7:40:00 AM	934800.000	72.926	17.983	166.220
28169.494	32529.496	20.479	22120.059	35.499
1.014	14.787			
12/12/2015 7:45:00 AM	935100.000	72.924	17.982	166.215
28171.117	32531.809	20.481	22121.631	35.497
1.014	14.791			
12/12/2015 7:50:00 AM	935400.000	72.906	17.982	166.175
28164.027	32523.494	20.475	22115.979	35.506
1.014	14.792			
12/12/2015 7:55:00 AM	935700.000	72.932	17.982	166.235
28169.494	32529.934	20.479	22120.355	35.499
1.014	14.792			
12/12/2015 8:00:00 AM	936000.000	72.908	17.982	166.180
28161.215	32520.428	20.473	22113.891	35.510
1.014	14.793			
12/12/2015 8:05:00 AM	936300.000	72.909	17.982	166.183
28177.889	32539.557	20.486	22126.900	35.489
1.014	14.792			
12/12/2015 8:10:00 AM	936600.000	72.933	17.982	166.237
28183.137	32545.617	20.490	22131.021	35.482
1.014	14.792			
12/12/2015 8:15:00 AM	936900.000	72.939	17.982	166.249
28170.873	32531.455	20.481	22121.391	35.498
1.014	14.791			
12/12/2015 8:20:00 AM	937200.000	72.938	17.982	166.248
28172.174	32532.842	20.481	22122.334	35.496
1.014	14.793			

12/12/2015 8:25:00 AM	937500.000	72.941	17.982	166.255
28175.898	32537.576	20.485	22125.553	35.491
1.014	14.795			
12/12/2015 8:30:00 AM	937800.000	72.938	17.983	166.249
28168.957	32528.930	20.479	22119.672	35.500
1.014	14.797			
12/12/2015 8:35:00 AM	938100.000	72.928	17.982	166.224
28185.703	32548.580	20.492	22133.035	35.479
1.014	14.797			
12/12/2015 8:40:00 AM	938400.000	72.932	17.982	166.234
28163.742	32523.104	20.475	22115.711	35.507
1.014	14.798			
12/12/2015 8:45:00 AM	938700.000	72.936	17.983	166.243
28181.613	32543.545	20.489	22129.611	35.484
1.014	14.798			
12/12/2015 8:50:00 AM	939000.000	72.954	17.983	166.286
28188.168	32551.061	20.494	22134.723	35.476
1.014	14.800			
12/12/2015 8:55:00 AM	939300.000	72.937	17.982	166.245
28179.586	32541.518	20.487	22128.232	35.487
1.014	14.802			
12/12/2015 9:00:00 AM	939600.000	72.937	17.982	166.246
28187.613	32550.730	20.494	22134.496	35.477
1.014	14.804			
12/12/2015 9:05:00 AM	939900.000	72.959	17.983	166.297
28179.119	32540.664	20.487	22127.652	35.487
1.014	14.807			
12/12/2015 9:10:00 AM	940200.000	72.960	17.983	166.298
28198.619	32563.182	20.502	22142.963	35.463
1.014	14.809			
12/12/2015 9:15:00 AM	940500.000	72.960	17.982	166.298
28185.318	32548.020	20.492	22132.656	35.479
1.014	14.812			
12/12/2015 9:20:00 AM	940800.000	72.941	17.983	166.256
28190.012	32553.189	20.496	22136.172	35.474
1.014	14.810			
12/12/2015 9:25:00 AM	941100.000	72.967	17.983	166.313
28200.160	32564.908	20.504	22144.141	35.461
1.014	14.808			
12/12/2015 9:30:00 AM	941400.000	72.950	17.983	166.276
28204.252	32569.439	20.507	22147.221	35.456
1.014	14.806			
12/12/2015 9:35:00 AM	941700.000	72.970	17.982	166.321
28189.566	32552.854	20.495	22135.943	35.474
1.014	14.809			
12/12/2015 9:40:00 AM	942000.000	72.972	17.983	166.327
28191.949	32555.355	20.497	22137.645	35.471
1.014	14.812			
12/12/2015 9:45:00 AM	942300.000	72.946	17.983	166.265
28194.396	32558.180	20.499	22139.563	35.468
1.014	14.814			
12/12/2015 9:50:00 AM	942600.000	72.954	17.982	166.284
28194.662	32558.871	20.499	22140.033	35.468
1.014	14.814			
12/12/2015 9:55:00 AM	942900.000	72.957	17.983	166.292
28186.822	32549.313	20.493	22133.533	35.478
1.014	14.814			
12/12/2015 10:00:00 AM	943200.000	72.981	17.983	166.345

28195.840	32559.727	20.500	22140.615	35.466
1.014	14.814			
12/12/2015 10:05:00 AM	943500.000	72.982	17.983	166.349
28187.650	32550.391	20.494	22134.266	35.477
1.014	14.812			
12/12/2015 10:10:00 AM	943800.000	72.967	17.983	166.315
28198.494	32562.852	20.502	22142.742	35.463
1.014	14.811			
12/12/2015 10:15:00 AM	944100.000	72.991	17.983	166.368
28189.793	32552.492	20.495	22135.697	35.474
1.014	14.809			
12/12/2015 10:20:00 AM	944400.000	72.996	17.983	166.380
28198.322	32562.148	20.502	22142.264	35.463
1.014	14.811			
12/12/2015 10:25:00 AM	944700.000	72.975	17.983	166.333
28198.953	32563.135	20.502	22142.934	35.462
1.014	14.813			
12/12/2015 10:30:00 AM	945000.000	72.994	17.983	166.375
28192.570	32556.012	20.498	22138.088	35.470
1.014	14.815			
12/12/2015 10:35:00 AM	945300.000	72.995	17.983	166.378
28181.342	32542.984	20.489	22129.232	35.484
1.014	14.815			
12/12/2015 10:40:00 AM	945600.000	72.999	17.983	166.387
28210.834	32577.162	20.512	22152.471	35.447
1.014	14.816			
12/12/2015 10:45:00 AM	945900.000	72.996	17.983	166.381
28219.512	32587.254	20.519	22159.332	35.436
1.014	14.816			
12/12/2015 10:50:00 AM	946200.000	72.996	17.984	166.381
28191.922	32554.697	20.497	22137.195	35.471
1.014	14.816			
12/12/2015 10:55:00 AM	946500.000	72.997	17.983	166.383
28188.430	32550.982	20.494	22134.668	35.476
1.014	14.816			
12/12/2015 11:00:00 AM	946800.000	73.001	17.983	166.393
28202.320	32567.209	20.505	22145.705	35.458
1.014	14.816			
12/12/2015 11:05:00 AM	947100.000	73.003	17.983	166.396
28203.662	32568.314	20.506	22146.453	35.456
1.014	14.815			
12/12/2015 11:10:00 AM	947400.000	73.001	17.983	166.392
28225.402	32593.678	20.524	22163.701	35.429
1.014	14.813			
12/12/2015 11:15:00 AM	947700.000	73.004	17.984	166.399
28207.963	32573.156	20.509	22149.748	35.451
1.014	14.812			
12/12/2015 11:20:00 AM	948000.000	72.980	17.983	166.343
28215.266	32581.973	20.516	22155.742	35.442
1.014	14.813			
12/12/2015 11:25:00 AM	948300.000	72.980	17.983	166.344
28209.008	32574.621	20.510	22150.744	35.450
1.014	14.813			
12/12/2015 11:30:00 AM	948600.000	72.980	17.983	166.343
28208.732	32574.734	20.510	22150.822	35.450
1.014	14.814			
12/12/2015 11:35:00 AM	948900.000	72.989	17.983	166.364
28206.469	32571.557	20.508	22148.658	35.453

1.014	14.813			
12/12/2015 11:40:00 AM	949200.000	73.001	17.983	166.391
28217.320	32584.219	20.517	22157.270	35.439
1.014	14.811			
12/12/2015 11:45:00 AM	949500.000	73.000	17.983	166.390
28218.086	32585.039	20.518	22157.828	35.438
1.014	14.810			
12/12/2015 11:50:00 AM	949800.000	73.007	17.983	166.405
28221.859	32589.586	20.521	22160.920	35.434
1.014	14.810			
12/12/2015 11:55:00 AM	950100.000	73.008	17.983	166.409
28211.191	32577.143	20.512	22152.459	35.447
1.014	14.811			
12/12/2015 12:00:00 PM	950400.000	73.005	17.983	166.400
28213.467	32579.830	20.514	22154.285	35.444
1.014	14.811			
12/12/2015 12:05:00 PM	950700.000	73.009	17.983	166.410
28224.551	32592.695	20.523	22163.035	35.430
1.014	14.811			
12/12/2015 12:10:00 PM	951000.000	73.006	17.983	166.402
28216.813	32583.879	20.517	22157.037	35.440
1.014	14.811			
12/12/2015 12:15:00 PM	951300.000	72.983	17.983	166.352
28221.867	32589.471	20.521	22160.842	35.434
1.014	14.811			
12/12/2015 12:20:00 PM	951600.000	73.002	17.983	166.395
28206.246	32571.557	20.508	22148.658	35.453
1.014	14.812			
12/12/2015 12:25:00 PM	951900.000	73.002	17.984	166.395
28218.766	32585.695	20.518	22158.273	35.437
1.014	14.813			
12/12/2015 12:30:00 PM	952200.000	72.999	17.983	166.386
28214.002	32580.447	20.514	22154.707	35.443
1.014	14.814			
12/12/2015 12:35:00 PM	952500.000	73.006	17.984	166.404
28220.770	32588.010	20.520	22159.850	35.435
1.014	14.812			
12/12/2015 12:40:00 PM	952800.000	72.998	17.983	166.386
28221.691	32589.268	20.521	22160.703	35.434
1.014	14.810			
12/12/2015 12:45:00 PM	953100.000	73.002	17.983	166.395
28213.795	32580.209	20.514	22154.545	35.444
1.014	14.808			
12/12/2015 12:50:00 PM	953400.000	72.998	17.983	166.386
28197.684	32561.604	20.501	22141.891	35.464
1.014	14.808			
12/12/2015 12:55:00 PM	953700.000	72.998	17.983	166.385
28202.545	32567.092	20.505	22145.625	35.458
1.014	14.807			
12/12/2015 1:00:00 PM	954000.000	72.997	17.983	166.382
28201.955	32566.723	20.505	22145.373	35.459
1.014	14.807			
12/12/2015 1:05:00 PM	954300.000	72.997	17.983	166.382
28226.121	32594.383	20.524	22164.182	35.428
1.014	14.807			
12/12/2015 1:10:00 PM	954600.000	72.994	17.983	166.376
28224.613	32592.510	20.523	22162.906	35.430
1.014	14.807			

12/12/2015 1:15:00 PM	954900.000	72.973	17.983	166.329
28209.461	32575.326	20.511	22151.225	35.449
1.014	14.808			
12/12/2015 1:20:00 PM	955200.000	72.988	17.983	166.362
28185.539	32547.520	20.492	22132.314	35.479
1.014	14.808			
12/12/2015 1:25:00 PM	955500.000	72.982	17.983	166.349
28207.512	32573.326	20.510	22149.861	35.452
1.014	14.808			
12/12/2015 1:30:00 PM	955800.000	72.983	17.983	166.351
28198.223	32562.539	20.502	22142.529	35.463
1.014	14.808			
12/12/2015 1:35:00 PM	956100.000	72.982	17.983	166.348
28198.469	32562.633	20.502	22142.592	35.463
1.014	14.810			
12/12/2015 1:40:00 PM	956400.000	72.977	17.983	166.338
28207.363	32573.227	20.509	22149.795	35.452
1.014	14.812			
12/12/2015 1:45:00 PM	956700.000	72.950	17.983	166.276
28188.748	32551.473	20.494	22135.002	35.475
1.014	14.813			
12/12/2015 1:50:00 PM	957000.000	72.971	17.983	166.323
28198.305	32562.818	20.502	22142.717	35.463
1.014	14.811			
12/12/2015 1:55:00 PM	957300.000	72.968	17.983	166.318
28188.725	32551.631	20.495	22135.111	35.475
1.014	14.809			
12/12/2015 2:00:00 PM	957600.000	72.967	17.983	166.315
28197.547	32561.697	20.501	22141.957	35.464
1.014	14.806			
12/12/2015 2:05:00 PM	957900.000	72.967	17.983	166.314
28195.100	32558.871	20.500	22140.033	35.467
1.014	14.805			
12/12/2015 2:10:00 PM	958200.000	72.963	17.982	166.304
28192.363	32556.029	20.498	22138.102	35.471
1.014	14.803			
12/12/2015 2:15:00 PM	958500.000	72.959	17.983	166.297
28206.225	32571.910	20.509	22148.898	35.453
1.014	14.802			
12/12/2015 2:20:00 PM	958800.000	72.960	17.983	166.299
28186.117	32548.313	20.492	22132.854	35.478
1.014	14.800			
12/12/2015 2:25:00 PM	959100.000	72.961	17.983	166.301
28188.674	32551.697	20.495	22135.154	35.475
1.014	14.798			
12/12/2015 2:30:00 PM	959400.000	72.936	17.983	166.243
28197.930	32562.387	20.502	22142.426	35.464
1.014	14.796			
12/12/2015 2:35:00 PM	959700.000	72.953	17.983	166.283
28186.029	32548.332	20.492	22132.865	35.479
1.014	14.799			
12/12/2015 2:40:00 PM	960000.000	72.923	17.982	166.214
28189.232	32552.539	20.495	22135.727	35.475
1.014	14.802			
12/12/2015 2:45:00 PM	960300.000	72.922	17.983	166.211
28188.240	32551.143	20.494	22134.779	35.476
1.014	14.806			
12/12/2015 2:50:00 PM	960600.000	72.938	17.983	166.248

28188.979	32551.996	20.495	22135.359	35.475
1.014	14.803			
12/12/2015 2:55:00 PM	960900.000	72.915	17.982	166.196
28192.809	32556.545	20.498	22138.453	35.470
1.014	14.801			
12/12/2015 3:00:00 PM	961200.000	72.938	17.983	166.247
28178.088	32539.348	20.486	22126.756	35.489
1.014	14.799			
12/12/2015 3:05:00 PM	961500.000	72.933	17.982	166.236
28179.428	32541.406	20.487	22128.156	35.487
1.014	14.799			
12/12/2015 3:10:00 PM	961800.000	72.909	17.982	166.183
28185.621	32548.299	20.492	22132.846	35.479
1.014	14.799			
12/12/2015 3:15:00 PM	962100.000	72.924	17.982	166.217
28171.852	32532.469	20.481	22122.080	35.496
1.014	14.799			
12/12/2015 3:20:00 PM	962400.000	72.894	17.982	166.148
28163.813	32523.246	20.475	22115.809	35.507
1.014	14.802			
12/12/2015 3:25:00 PM	962700.000	72.912	17.982	166.189
28181.229	32543.484	20.489	22129.572	35.485
1.014	14.804			
12/12/2015 3:30:00 PM	963000.000	72.888	17.982	166.135
28182.367	32544.541	20.490	22130.291	35.483
1.014	14.806			
12/12/2015 3:35:00 PM	963300.000	72.881	17.982	166.118
28184.771	32547.264	20.491	22132.139	35.480
1.014	14.807			
12/12/2015 3:40:00 PM	963600.000	72.895	17.982	166.149
28186.822	32550.129	20.493	22134.088	35.478
1.014	14.808			
12/12/2015 3:45:00 PM	963900.000	72.876	17.982	166.107
28176.297	32537.908	20.485	22125.777	35.491
1.014	14.809			
12/12/2015 3:50:00 PM	964200.000	72.892	17.981	166.144
28171.584	32532.785	20.481	22122.295	35.497
1.014	14.809			
12/12/2015 3:55:00 PM	964500.000	72.889	17.982	166.136
28163.451	32523.141	20.475	22115.738	35.507
1.014	14.808			
12/12/2015 4:00:00 PM	964800.000	72.865	17.982	166.083
28166.617	32526.859	20.477	22118.266	35.503
1.014	14.808			
12/12/2015 4:05:00 PM	965100.000	72.864	17.982	166.079
28150.234	32507.813	20.464	22105.314	35.524
1.014	14.808			
12/12/2015 4:10:00 PM	965400.000	72.878	17.982	166.113
28177.199	32538.645	20.485	22126.279	35.490
1.014	14.808			
12/12/2015 4:15:00 PM	965700.000	72.875	17.982	166.104
28164.264	32524.014	20.475	22116.332	35.506
1.014	14.808			
12/12/2015 4:20:00 PM	966000.000	72.851	17.982	166.050
28163.967	32523.480	20.475	22115.969	35.506
1.014	14.810			
12/12/2015 4:25:00 PM	966300.000	72.866	17.982	166.083
28184.113	32547.063	20.491	22132.004	35.481

1.014	14.813			
12/12/2015 4:30:00 PM	966600.000	72.838	17.982	166.019
28175.547	32536.852	20.484	22125.059	35.492
1.014	14.815			
12/12/2015 4:35:00 PM	966900.000	72.856	17.982	166.062
28154.641	32512.965	20.468	22108.818	35.518
1.014	14.815			
12/12/2015 4:40:00 PM	967200.000	72.856	17.982	166.061
28161.129	32520.328	20.473	22113.824	35.510
1.014	14.815			
12/12/2015 4:45:00 PM	967500.000	72.853	17.982	166.054
28165.799	32525.914	20.477	22117.623	35.504
1.014	14.815			
12/12/2015 4:50:00 PM	967800.000	72.844	17.981	166.033
28166.914	32527.391	20.478	22118.625	35.503
1.014	14.816			
12/12/2015 4:55:00 PM	968100.000	72.823	17.982	165.986
28163.219	32522.688	20.474	22115.430	35.507
1.014	14.817			
12/12/2015 5:00:00 PM	968400.000	72.838	17.982	166.021
28170.945	32531.664	20.481	22121.533	35.498
1.014	14.818			
12/12/2015 5:05:00 PM	968700.000	72.816	17.982	165.971
28174.295	32535.725	20.483	22124.295	35.493
1.014	14.817			
12/12/2015 5:10:00 PM	969000.000	72.815	17.981	165.968
28174.188	32535.791	20.483	22124.338	35.493
1.014	14.816			
12/12/2015 5:15:00 PM	969300.000	72.834	17.982	166.012
28177.850	32539.637	20.486	22126.955	35.489
1.014	14.814			
12/12/2015 5:20:00 PM	969600.000	72.829	17.982	166.001
28171.738	32532.580	20.481	22122.156	35.497
1.014	14.814			
12/12/2015 5:25:00 PM	969900.000	72.824	17.982	165.987
28147.719	32504.660	20.462	22103.170	35.527
1.014	14.815			
12/12/2015 5:30:00 PM	970200.000	72.823	17.982	165.987
28170.807	32531.633	20.481	22121.512	35.498
1.014	14.815			
12/12/2015 5:35:00 PM	970500.000	72.820	17.982	165.978
28169.092	32529.717	20.479	22120.209	35.500
1.014	14.815			
12/12/2015 5:40:00 PM	970800.000	72.815	17.981	165.967
28160.102	32519.711	20.472	22113.404	35.511
1.014	14.816			
12/12/2015 5:45:00 PM	971100.000	72.801	17.982	165.935
28170.299	32530.982	20.480	22121.068	35.498
1.014	14.816			
12/12/2015 5:50:00 PM	971400.000	72.814	17.981	165.965
28169.961	32531.035	20.480	22121.105	35.499
1.014	14.817			
12/12/2015 5:55:00 PM	971700.000	72.809	17.981	165.953
28164.137	32524.184	20.475	22116.445	35.506
1.014	14.817			
12/12/2015 6:00:00 PM	972000.000	72.803	17.982	165.941
28161.418	32520.854	20.473	22114.182	35.510
1.014	14.817			

12/12/2015 6:05:00 PM	972300.000	72.803	17.981	165.941
28170.219	32531.207	20.480	22121.221	35.498
1.014	14.818			
12/12/2015 6:10:00 PM	972600.000	72.800	17.981	165.933
28173.465	32534.957	20.483	22123.771	35.494
1.014	14.819			
12/12/2015 6:15:00 PM	972900.000	72.797	17.982	165.928
28186.113	32549.438	20.493	22133.617	35.478
1.014	14.820			
12/12/2015 6:20:00 PM	973200.000	72.773	17.981	165.872
28170.549	32532.025	20.481	22121.779	35.498
1.014	14.820			
12/12/2015 6:25:00 PM	973500.000	72.776	17.981	165.880
28164.348	32524.428	20.476	22116.611	35.506
1.014	14.820			
12/12/2015 6:30:00 PM	973800.000	72.791	17.981	165.913
28175.791	32537.896	20.485	22125.771	35.491
1.014	14.820			
12/12/2015 6:35:00 PM	974100.000	72.789	17.982	165.908
28157.180	32516.025	20.470	22110.898	35.515
1.014	14.824			
12/12/2015 6:40:00 PM	974400.000	72.781	17.981	165.891
28162.945	32522.809	20.475	22115.512	35.508
1.014	14.828			
12/12/2015 6:45:00 PM	974700.000	72.777	17.981	165.880
28174.195	32535.740	20.483	22124.305	35.493
1.014	14.831			
12/12/2015 6:50:00 PM	975000.000	72.779	17.981	165.887
28169.633	32530.531	20.480	22120.762	35.499
1.014	14.827			
12/12/2015 6:55:00 PM	975300.000	72.785	17.982	165.900
28175.588	32537.219	20.484	22125.309	35.492
1.014	14.824			
12/12/2015 7:00:00 PM	975600.000	72.784	17.982	165.898
28164.820	32524.848	20.476	22116.898	35.505
1.014	14.820			
12/12/2015 7:05:00 PM	975900.000	72.782	17.981	165.892
28166.352	32526.682	20.477	22118.145	35.503
1.014	14.818			
12/12/2015 7:10:00 PM	976200.000	72.786	17.981	165.902
28172.781	32534.420	20.483	22123.408	35.495
1.014	14.817			
12/12/2015 7:15:00 PM	976500.000	72.786	17.981	165.902
28181.010	32543.609	20.489	22129.656	35.485
1.014	14.815			
12/12/2015 7:20:00 PM	976800.000	72.780	17.981	165.888
28178.074	32540.533	20.487	22127.563	35.489
1.014	14.818			
12/12/2015 7:25:00 PM	977100.000	72.779	17.981	165.886
28178.174	32540.705	20.487	22127.680	35.488
1.014	14.820			
12/12/2015 7:30:00 PM	977400.000	72.756	17.981	165.833
28165.980	32526.566	20.477	22118.064	35.504
1.014	14.822			
12/12/2015 7:35:00 PM	977700.000	72.776	17.981	165.878
28168.852	32529.939	20.479	22120.361	35.500
1.014	14.824			
12/12/2015 7:40:00 PM	978000.000	72.774	17.981	165.874

28178.402	32540.723	20.487	22127.693	35.488
1.014	14.827			
12/12/2015 7:45:00 PM	978300.000	72.772	17.981	165.869
28170.266	32531.387	20.480	22121.346	35.498
1.014	14.829			
12/12/2015 7:50:00 PM	978600.000	72.750	17.981	165.820
28169.910	32530.916	20.480	22121.025	35.499
1.014	14.830			
12/12/2015 7:55:00 PM	978900.000	72.748	17.981	165.815
28166.635	32527.447	20.478	22118.666	35.503
1.014	14.831			
12/12/2015 8:00:00 PM	979200.000	72.748	17.982	165.816
28176.900	32538.734	20.486	22126.342	35.490
1.014	14.832			
12/12/2015 8:05:00 PM	979500.000	72.778	17.981	165.884
28180.480	32542.998	20.488	22129.240	35.486
1.014	14.830			
12/12/2015 8:10:00 PM	979800.000	72.757	17.982	165.836
28172.516	32533.734	20.482	22122.939	35.496
1.014	14.827			
12/12/2015 8:15:00 PM	980100.000	72.779	17.981	165.885
28160.434	32520.033	20.473	22113.625	35.511
1.014	14.825			
12/12/2015 8:20:00 PM	980400.000	72.753	17.981	165.827
28162.865	32522.842	20.475	22115.533	35.508
1.014	14.825			
12/12/2015 8:25:00 PM	980700.000	72.780	17.982	165.888
28185.621	32548.742	20.492	22133.146	35.479
1.014	14.825			
12/12/2015 8:30:00 PM	981000.000	72.781	17.981	165.890
28173.994	32535.693	20.483	22124.273	35.494
1.014	14.824			
12/12/2015 8:35:00 PM	981300.000	72.759	17.981	165.840
28147.771	32505.225	20.462	22103.555	35.527
1.014	14.826			
12/12/2015 8:40:00 PM	981600.000	72.774	17.981	165.874
28173.572	32535.145	20.483	22123.900	35.494
1.014	14.827			
12/12/2015 8:45:00 PM	981900.000	72.779	17.981	165.886
28165.580	32525.916	20.477	22117.625	35.504
1.014	14.829			
12/12/2015 8:50:00 PM	982200.000	72.760	17.981	165.843
28164.299	32524.371	20.476	22116.574	35.506
1.014	14.828			
12/12/2015 8:55:00 PM	982500.000	72.769	17.981	165.863
28174.980	32536.771	20.484	22125.006	35.492
1.014	14.827			
12/12/2015 9:00:00 PM	982800.000	72.789	17.981	165.908
28180.662	32543.332	20.489	22129.467	35.485
1.014	14.825			
12/12/2015 9:05:00 PM	983100.000	72.782	17.981	165.893
28187.611	32551.357	20.494	22134.924	35.477
1.014	14.828			
12/12/2015 9:10:00 PM	983400.000	72.783	17.981	165.896
28167.100	32527.545	20.478	22118.732	35.502
1.014	14.831			
12/12/2015 9:15:00 PM	983700.000	72.761	17.981	165.844
28166.904	32527.381	20.478	22118.619	35.503

1.014	14.833			
12/12/2015 9:20:00 PM	984000.000	72.788	17.981	165.905
28174.070	32535.596	20.483	22124.207	35.494
1.014	14.829			
12/12/2015 9:25:00 PM	984300.000	72.772	17.981	165.871
28176.770	32538.713	20.486	22126.326	35.490
1.014	14.824			
12/12/2015 9:30:00 PM	984600.000	72.801	17.981	165.936
28167.678	32528.338	20.478	22119.270	35.502
1.014	14.819			
12/12/2015 9:35:00 PM	984900.000	72.799	17.982	165.931
28181.781	32544.436	20.489	22130.219	35.484
1.014	14.820			
12/12/2015 9:40:00 PM	985200.000	72.803	17.981	165.940
28167.934	32528.754	20.479	22119.555	35.501
1.014	14.821			
12/12/2015 9:45:00 PM	985500.000	72.801	17.981	165.937
28161.951	32521.971	20.474	22114.941	35.509
1.014	14.821			
12/12/2015 9:50:00 PM	985800.000	72.799	17.981	165.932
28148.865	32506.674	20.463	22104.539	35.525
1.014	14.824			
12/12/2015 9:55:00 PM	986100.000	72.803	17.981	165.940
28165.793	32526.350	20.477	22117.920	35.504
1.014	14.827			
12/12/2015 10:00:00 PM	986400.000	72.799	17.981	165.932
28159.768	32519.518	20.472	22113.271	35.512
1.014	14.830			
12/12/2015 10:05:00 PM	986700.000	72.786	17.981	165.901
28175.967	32537.846	20.485	22125.736	35.491
1.014	14.829			
12/12/2015 10:10:00 PM	987000.000	72.786	17.981	165.901
28157.146	32516.178	20.470	22111.004	35.515
1.014	14.828			
12/12/2015 10:15:00 PM	987300.000	72.810	17.981	165.957
28173.984	32535.992	20.484	22124.475	35.494
1.014	14.827			
12/12/2015 10:20:00 PM	987600.000	72.790	17.981	165.912
28162.008	32521.727	20.474	22114.775	35.509
1.014	14.827			
12/12/2015 10:25:00 PM	987900.000	72.814	17.981	165.965
28170.365	32531.502	20.481	22121.424	35.498
1.014	14.827			
12/12/2015 10:30:00 PM	988200.000	72.818	17.981	165.974
28166.770	32527.350	20.478	22118.600	35.503
1.014	14.827			
12/12/2015 10:35:00 PM	988500.000	72.799	17.981	165.931
28174.578	32536.242	20.484	22124.645	35.493
1.014	14.827			
12/12/2015 10:40:00 PM	988800.000	72.821	17.981	165.982
28162.469	32522.443	20.474	22115.264	35.508
1.014	14.827			
12/12/2015 10:45:00 PM	989100.000	72.825	17.982	165.990
28176.900	32538.799	20.486	22126.385	35.490
1.014	14.827			
12/12/2015 10:50:00 PM	989400.000	72.803	17.981	165.941
28167.525	32528.162	20.478	22119.152	35.502
1.014	14.828			

12/12/2015 10:55:00 PM	989700.000	72.827	17.981	165.994
28168.461	32529.303	20.479	22119.926	35.501
1.014	14.828			
12/12/2015 11:00:00 PM	990000.000	72.830	17.981	166.002
28180.064	32542.643	20.488	22129.000	35.486
1.014	14.828			
12/12/2015 11:05:00 PM	990300.000	72.828	17.981	165.997
28167.199	32527.660	20.478	22118.809	35.502
1.014	14.828			
12/12/2015 11:10:00 PM	990600.000	72.826	17.981	165.992
28165.436	32525.809	20.477	22117.553	35.505
1.014	14.827			
12/12/2015 11:15:00 PM	990900.000	72.833	17.981	166.009
28175.783	32537.887	20.485	22125.766	35.491
1.014	14.827			
12/12/2015 11:20:00 PM	991200.000	72.834	17.982	166.011
28172.275	32533.457	20.482	22122.754	35.496
1.014	14.828			
12/12/2015 11:25:00 PM	991500.000	72.817	17.981	165.973
28163.531	32523.738	20.475	22116.145	35.507
1.014	14.829			
12/12/2015 11:30:00 PM	991800.000	72.839	17.981	166.021
28172.639	32534.127	20.482	22123.209	35.495
1.014	14.829			
12/12/2015 11:35:00 PM	992100.000	72.843	17.981	166.032
28161.750	32521.367	20.474	22114.531	35.509
1.014	14.829			
12/12/2015 11:40:00 PM	992400.000	72.826	17.981	165.993
28177.348	32539.381	20.486	22126.779	35.490
1.014	14.828			
12/12/2015 11:45:00 PM	992700.000	72.827	17.981	165.995
28156.881	32515.930	20.470	22110.832	35.515
1.014	14.827			
12/12/2015 11:50:00 PM	993000.000	72.832	17.981	166.008
28178.182	32540.529	20.487	22127.563	35.488
1.014	14.826			
12/12/2015 11:55:00 PM	993300.000	72.847	17.981	166.042
28168.299	32528.990	20.479	22119.715	35.501
1.014	14.825			
12/13/2015 12:00:00 AM	993600.000	72.838	17.981	166.020
28181.000	32543.783	20.489	22129.773	35.485
1.014	14.824			
12/13/2015 12:05:00 AM	993900.000	72.855	17.982	166.060
28161.023	32520.463	20.473	22113.914	35.510
1.014	14.823			
12/13/2015 12:10:00 AM	994200.000	72.859	17.982	166.069
28166.643	32526.953	20.477	22118.330	35.503
1.014	14.823			
12/13/2015 12:15:00 AM	994500.000	72.846	17.982	166.039
28159.680	32518.912	20.472	22112.861	35.512
1.014	14.822			
12/13/2015 12:20:00 AM	994800.000	72.838	17.981	166.021
28178.816	32541.574	20.487	22128.273	35.488
1.014	14.823			
12/13/2015 12:25:00 AM	995100.000	72.848	17.982	166.044
28175.945	32537.695	20.485	22125.633	35.491
1.014	14.824			
12/13/2015 12:30:00 AM	995400.000	72.860	17.981	166.071

28169.533	32530.355	20.480	22120.645	35.499
1.014	14.825			
12/13/2015 12:35:00 AM	995700.000	72.860	17.981	166.071
28163.555	32523.697	20.475	22116.115	35.507
1.014	14.826			
12/13/2015 12:40:00 AM	996000.000	72.843	17.982	166.032
28150.502	32508.186	20.464	22105.568	35.523
1.014	14.826			
12/13/2015 12:45:00 AM	996300.000	72.862	17.982	166.076
28169.307	32530.029	20.480	22120.420	35.500
1.014	14.827			
12/13/2015 12:50:00 AM	996600.000	72.849	17.982	166.046
28172.363	32533.559	20.482	22122.822	35.496
1.014	14.826			
12/13/2015 12:55:00 AM	996900.000	72.868	17.982	166.089
28179.195	32541.320	20.487	22128.100	35.487
1.014	14.824			
12/13/2015 1:00:00 AM	997200.000	72.870	17.982	166.093
28178.896	32540.910	20.487	22127.818	35.488
1.014	14.823			
12/13/2015 1:05:00 AM	997500.000	72.875	17.981	166.105
28157.154	32516.432	20.470	22111.176	35.515
1.014	14.823			
12/13/2015 1:10:00 AM	997800.000	72.877	17.981	166.109
28161.590	32521.430	20.474	22114.572	35.509
1.014	14.823			
12/13/2015 1:15:00 AM	998100.000	72.854	17.981	166.056
28163.801	32523.861	20.475	22116.229	35.507
1.014	14.823			
12/13/2015 1:20:00 AM	998400.000	72.876	17.981	166.106
28173.607	32535.246	20.483	22123.969	35.494
1.014	14.822			
12/13/2015 1:25:00 AM	998700.000	72.860	17.981	166.071
28167.576	32528.221	20.478	22119.189	35.502
1.014	14.822			
12/13/2015 1:30:00 AM	999000.000	72.855	17.981	166.058
28171.615	32533.199	20.482	22122.578	35.497
1.014	14.821			
12/13/2015 1:35:00 AM	999300.000	72.876	17.981	166.107
28165.617	32526.205	20.477	22117.820	35.504
1.014	14.821			
12/13/2015 1:40:00 AM	999600.000	72.882	17.981	166.121
28172.930	32534.404	20.483	22123.396	35.495
1.014	14.821			
12/13/2015 1:45:00 AM	999900.000	72.861	17.981	166.072
28169.680	32530.525	20.480	22120.758	35.499
1.014	14.822			
12/13/2015 1:50:00 AM	1000200.000	72.860	17.981	166.071
28167.666	32528.260	20.478	22119.217	35.502
1.014	14.820			
12/13/2015 1:55:00 AM	1000500.000	72.866	17.981	166.084
28171.648	32532.984	20.482	22122.432	35.497
1.014	14.818			
12/13/2015 2:00:00 AM	1000800.000	72.885	17.981	166.128
28180.678	32543.285	20.489	22129.436	35.485
1.014	14.816			
12/13/2015 2:05:00 AM	1001100.000	72.886	17.982	166.129
28179.018	32541.244	20.487	22128.049	35.487

1.014	14.817			
12/13/2015 2:10:00 AM	1001400.000	72.888	17.981	166.134
28160.248	32519.818	20.472	22113.479	35.511
1.014	14.818			
12/13/2015 2:15:00 AM	1001700.000	72.884	17.982	166.125
28160.707	32520.098	20.473	22113.666	35.510
1.014	14.820			
12/13/2015 2:20:00 AM	1002000.000	72.886	17.982	166.131
28184.285	32547.199	20.491	22132.098	35.481
1.014	14.820			
12/13/2015 2:25:00 AM	1002300.000	72.887	17.981	166.131
28159.432	32518.938	20.472	22112.879	35.512
1.014	14.820			
12/13/2015 2:30:00 AM	1002600.000	72.868	17.982	166.090
28165.883	32525.947	20.477	22117.645	35.504
1.014	14.819			
12/13/2015 2:35:00 AM	1002900.000	72.870	17.982	166.094
28173.203	32534.271	20.482	22123.307	35.495
1.014	14.819			
12/13/2015 2:40:00 AM	1003200.000	72.890	17.981	166.138
28168.410	32529.244	20.479	22119.889	35.501
1.014	14.818			
12/13/2015 2:45:00 AM	1003500.000	72.863	17.981	166.076
28162.688	32522.822	20.475	22115.520	35.508
1.014	14.817			
12/13/2015 2:50:00 AM	1003800.000	72.866	17.982	166.084
28172.539	32533.504	20.482	22122.783	35.496
1.014	14.816			
12/13/2015 2:55:00 AM	1004100.000	72.884	17.981	166.125
28161.066	32520.703	20.473	22114.078	35.510
1.014	14.816			
12/13/2015 3:00:00 AM	1004400.000	72.888	17.981	166.135
28159.371	32518.682	20.472	22112.703	35.512
1.014	14.815			
12/13/2015 3:05:00 AM	1004700.000	72.865	17.982	166.082
28172.322	32533.512	20.482	22122.789	35.496
1.014	14.815			
12/13/2015 3:10:00 AM	1005000.000	72.883	17.981	166.122
28151.529	32509.750	20.465	22106.633	35.522
1.014	14.816			
12/13/2015 3:15:00 AM	1005300.000	72.880	17.982	166.116
28177.691	32539.455	20.486	22126.832	35.489
1.014	14.816			
12/13/2015 3:20:00 AM	1005600.000	72.890	17.982	166.139
28168.496	32529.027	20.479	22119.740	35.501
1.014	14.810			
12/13/2015 3:25:00 AM	1005900.000	72.892	17.982	166.142
28184.004	32546.938	20.491	22131.920	35.481
1.014	14.805			
12/13/2015 3:30:00 AM	1006200.000	72.898	17.981	166.157
28175.402	32537.320	20.485	22125.379	35.492
1.014	14.799			
12/13/2015 3:35:00 AM	1006500.000	72.879	17.981	166.114
28167.527	32528.039	20.478	22119.068	35.502
1.014	14.799			
12/13/2015 3:40:00 AM	1006800.000	72.895	17.982	166.150
28187.287	32550.729	20.494	22134.496	35.477
1.014	14.798			

12/13/2015 3:45:00 AM	1007100.000	72.895	17.981	166.151
28171.572	32532.836	20.481	22122.330	35.497
1.014	14.798			
12/13/2015 3:50:00 AM	1007400.000	72.892	17.982	166.143
28181.924	32544.217	20.489	22130.070	35.484
1.014	14.800			
12/13/2015 3:55:00 AM	1007700.000	72.888	17.982	166.135
28168.449	32529.039	20.479	22119.748	35.501
1.014	14.801			
12/13/2015 4:00:00 AM	1008000.000	72.886	17.981	166.130
28168.871	32529.838	20.479	22120.291	35.500
1.014	14.803			
12/13/2015 4:05:00 AM	1008300.000	72.891	17.981	166.141
28177.672	32539.754	20.486	22127.035	35.489
1.014	14.798			
12/13/2015 4:10:00 AM	1008600.000	72.873	17.981	166.099
28178.385	32540.639	20.487	22127.637	35.488
1.014	14.794			
12/13/2015 4:15:00 AM	1008900.000	72.874	17.981	166.103
28169.203	32530.221	20.480	22120.553	35.500
1.014	14.789			
12/13/2015 4:20:00 AM	1009200.000	72.876	17.981	166.106
28162.469	32522.197	20.474	22115.096	35.508
1.014	14.786			
12/13/2015 4:25:00 AM	1009500.000	72.875	17.981	166.105
28161.803	32521.674	20.474	22114.738	35.509
1.014	14.784			
12/13/2015 4:30:00 AM	1009800.000	72.901	17.982	166.164
28175.229	32536.740	20.484	22124.984	35.492
1.014	14.782			
12/13/2015 4:35:00 AM	1010100.000	72.900	17.981	166.162
28183.383	32546.596	20.491	22131.688	35.482
1.014	14.785			
12/13/2015 4:40:00 AM	1010400.000	72.875	17.981	166.105
28166.467	32527.313	20.478	22118.574	35.503
1.014	14.788			
12/13/2015 4:45:00 AM	1010700.000	72.890	17.981	166.139
28169.205	32530.291	20.480	22120.598	35.500
1.014	14.791			
12/13/2015 4:50:00 AM	1011000.000	72.887	17.981	166.132
28167.729	32528.332	20.478	22119.266	35.502
1.014	14.789			
12/13/2015 4:55:00 AM	1011300.000	72.895	17.981	166.150
28184.869	32548.191	20.492	22132.771	35.480
1.014	14.788			
12/13/2015 5:00:00 AM	1011600.000	72.894	17.981	166.149
28166.467	32527.000	20.477	22118.361	35.503
1.014	14.786			
12/13/2015 5:05:00 AM	1011900.000	72.872	17.982	166.098
28175.965	32537.719	20.485	22125.650	35.491
1.014	14.784			
12/13/2015 5:10:00 AM	1012200.000	72.881	17.982	166.117
28169.486	32530.109	20.480	22120.477	35.499
1.014	14.783			
12/13/2015 5:15:00 AM	1012500.000	72.897	17.981	166.154
28171.682	32532.836	20.481	22122.330	35.497
1.014	14.781			
12/13/2015 5:20:00 AM	1012800.000	72.897	17.982	166.156

28172.488	32533.639	20.482	22122.875	35.496
1.014	14.782			
12/13/2015 5:25:00 AM	1013100.000	72.893	17.981	166.146
28175.432	32537.414	20.485	22125.443	35.492
1.014	14.782			
12/13/2015 5:30:00 AM	1013400.000	72.877	17.981	166.109
28165.928	32526.506	20.477	22118.025	35.504
1.014	14.783			
12/13/2015 5:35:00 AM	1013700.000	72.896	17.982	166.153
28176.074	32537.652	20.485	22125.605	35.491
1.014	14.782			
12/13/2015 5:40:00 AM	1014000.000	72.896	17.981	166.153
28170.965	32532.135	20.481	22121.854	35.498
1.014	14.781			
12/13/2015 5:45:00 AM	1014300.000	72.879	17.981	166.114
28171.742	32532.967	20.482	22122.420	35.497
1.014	14.781			
12/13/2015 5:50:00 AM	1014600.000	72.896	17.981	166.153
28167.619	32528.271	20.478	22119.227	35.502
1.014	14.779			
12/13/2015 5:55:00 AM	1014900.000	72.894	17.981	166.148
28159.471	32518.922	20.472	22112.867	35.512
1.014	14.778			
12/13/2015 6:00:00 AM	1015200.000	72.901	17.982	166.165
28174.820	32536.270	20.484	22124.664	35.493
1.014	14.776			
12/13/2015 6:05:00 AM	1015500.000	72.880	17.982	166.115
28163.750	32523.420	20.475	22115.926	35.507
1.014	14.775			
12/13/2015 6:10:00 AM	1015800.000	72.907	17.981	166.178
28168.535	32529.389	20.479	22119.986	35.501
1.014	14.773			
12/13/2015 6:15:00 AM	1016100.000	72.887	17.982	166.132
28165.637	32525.727	20.477	22117.494	35.504
1.014	14.772			
12/13/2015 6:20:00 AM	1016400.000	72.905	17.981	166.173
28164.848	32525.383	20.476	22117.260	35.505
1.014	14.772			
12/13/2015 6:25:00 AM	1016700.000	72.904	17.981	166.170
28166.492	32526.969	20.477	22118.342	35.503
1.014	14.773			
12/13/2015 6:30:00 AM	1017000.000	72.889	17.982	166.137
28169.242	32529.891	20.479	22120.326	35.500
1.014	14.773			
12/13/2015 6:35:00 AM	1017300.000	72.908	17.982	166.181
28173.730	32535.072	20.483	22123.850	35.494
1.014	14.772			
12/13/2015 6:40:00 AM	1017600.000	72.894	17.981	166.147
28173.721	32535.316	20.483	22124.016	35.494
1.014	14.771			
12/13/2015 6:45:00 AM	1017900.000	72.890	17.982	166.139
28155.152	32513.684	20.468	22109.307	35.517
1.014	14.769			
12/13/2015 6:50:00 AM	1018200.000	72.895	17.982	166.149
28163.221	32523.002	20.475	22115.643	35.507
1.014	14.772			
12/13/2015 6:55:00 AM	1018500.000	72.911	17.981	166.186
28179.877	32542.426	20.488	22128.852	35.486

1.014	14.774			
12/13/2015 7:00:00 AM	1018800.000	72.908	17.982	166.179
28169.787	32530.584	20.480	22120.799	35.499
1.014	14.776			
12/13/2015 7:05:00 AM	1019100.000	72.914	17.981	166.194
28169.885	32531.008	20.480	22121.086	35.499
1.014	14.771			
12/13/2015 7:10:00 AM	1019400.000	72.897	17.981	166.155
28168.393	32529.100	20.479	22119.787	35.501
1.014	14.767			
12/13/2015 7:15:00 AM	1019700.000	72.899	17.981	166.159
28167.785	32528.523	20.478	22119.398	35.502
1.014	14.762			
12/13/2015 7:20:00 AM	1020000.000	72.921	17.982	166.210
28164.197	32524.002	20.475	22116.324	35.506
1.014	14.761			
12/13/2015 7:25:00 AM	1020300.000	72.928	17.982	166.225
28177.051	32538.906	20.486	22126.457	35.490
1.014	14.759			
12/13/2015 7:30:00 AM	1020600.000	72.928	17.981	166.225
28179.594	32542.035	20.488	22128.586	35.487
1.014	14.757			
12/13/2015 7:35:00 AM	1020900.000	72.910	17.982	166.185
28168.832	32529.416	20.479	22120.004	35.500
1.014	14.755			
12/13/2015 7:40:00 AM	1021200.000	72.930	17.982	166.231
28167.283	32527.693	20.478	22118.834	35.502
1.014	14.753			
12/13/2015 7:45:00 AM	1021500.000	72.916	17.982	166.198
28177.523	32539.518	20.486	22126.875	35.489
1.014	14.751			
12/13/2015 7:50:00 AM	1021800.000	72.912	17.981	166.189
28172.061	32533.334	20.482	22122.670	35.496
1.014	14.750			
12/13/2015 7:55:00 AM	1022100.000	72.920	17.982	166.208
28178.912	32541.121	20.487	22127.965	35.488
1.014	14.748			
12/13/2015 8:00:00 AM	1022400.000	72.944	17.981	166.261
28187.207	32550.891	20.494	22134.607	35.477
1.014	14.747			
12/13/2015 8:05:00 AM	1022700.000	72.944	17.981	166.262
28183.518	32546.691	20.491	22131.750	35.482
1.014	14.747			
12/13/2015 8:10:00 AM	1023000.000	72.929	17.981	166.227
28154.111	32512.672	20.467	22108.617	35.519
1.014	14.746			
12/13/2015 8:15:00 AM	1023300.000	72.947	17.981	166.269
28179.740	32542.328	20.488	22128.785	35.486
1.014	14.746			
12/13/2015 8:20:00 AM	1023600.000	72.924	17.981	166.217
28170.039	32531.000	20.480	22121.080	35.499
1.014	14.747			
12/13/2015 8:25:00 AM	1023900.000	72.926	17.982	166.221
28167.941	32528.260	20.478	22119.217	35.501
1.014	14.749			
12/13/2015 8:30:00 AM	1024200.000	72.925	17.982	166.218
28177.420	32539.334	20.486	22126.750	35.489
1.014	14.750			

12/13/2015 8:35:00 AM	1024500.000	72.930	17.981	166.229
28181.498	32544.172	20.489	22130.037	35.484
1.014	14.748			
12/13/2015 8:40:00 AM	1024800.000	72.947	17.982	166.269
28165.928	32525.936	20.477	22117.637	35.504
1.014	14.746			
12/13/2015 8:45:00 AM	1025100.000	72.935	17.982	166.241
28168.449	32528.846	20.479	22119.615	35.501
1.014	14.744			
12/13/2015 8:50:00 AM	1025400.000	72.942	17.982	166.256
28169.012	32529.250	20.479	22119.893	35.500
1.014	14.740			
12/13/2015 8:55:00 AM	1025700.000	72.966	17.982	166.313
28174.859	32536.131	20.484	22124.568	35.493
1.014	14.735			
12/13/2015 9:00:00 AM	1026000.000	72.971	17.982	166.323
28177.205	32538.957	20.486	22126.492	35.490
1.014	14.731			
12/13/2015 9:05:00 AM	1026300.000	72.972	17.982	166.326
28172.578	32533.680	20.482	22122.904	35.496
1.014	14.731			
12/13/2015 9:10:00 AM	1026600.000	72.971	17.982	166.324
28168.930	32529.594	20.479	22120.125	35.500
1.014	14.731			
12/13/2015 9:15:00 AM	1026900.000	72.957	17.982	166.291
28167.369	32527.727	20.478	22118.855	35.502
1.014	14.731			
12/13/2015 9:20:00 AM	1027200.000	72.980	17.982	166.344
28168.691	32529.127	20.479	22119.809	35.500
1.014	14.730			
12/13/2015 9:25:00 AM	1027500.000	72.956	17.982	166.289
28166.279	32526.469	20.477	22118.000	35.503
1.014	14.729			
12/13/2015 9:30:00 AM	1027800.000	72.979	17.982	166.341
28173.721	32534.934	20.483	22123.756	35.494
1.014	14.728			
12/13/2015 9:35:00 AM	1028100.000	72.959	17.982	166.296
28172.951	32534.238	20.482	22123.283	35.495
1.014	14.725			
12/13/2015 9:40:00 AM	1028400.000	72.988	17.982	166.363
28167.904	32527.971	20.478	22119.020	35.501
1.014	14.722			
12/13/2015 9:45:00 AM	1028700.000	72.990	17.982	166.367
28161.352	32520.586	20.473	22113.998	35.510
1.014	14.719			
12/13/2015 9:50:00 AM	1029000.000	72.996	17.982	166.381
28165.611	32525.262	20.476	22117.178	35.504
1.014	14.717			
12/13/2015 9:55:00 AM	1029300.000	72.979	17.982	166.342
28182.625	32545.217	20.490	22130.748	35.483
1.014	14.715			
12/13/2015 10:00:00 AM	1029600.000	72.985	17.982	166.354
28175.418	32536.703	20.484	22124.959	35.492
1.014	14.713			
12/13/2015 10:05:00 AM	1029900.000	73.007	17.982	166.406
28154.529	32512.525	20.467	22108.520	35.518
1.014	14.710			
12/13/2015 10:10:00 AM	1030200.000	73.007	17.982	166.406

28182.871	32545.629	20.490	22131.029	35.483
1.014	14.707			
12/13/2015 10:15:00 AM	1030500.000	73.012	17.982	166.416
28165.021	32524.889	20.476	22116.924	35.505
1.014	14.704			
12/13/2015 10:20:00 AM	1030800.000	73.016	17.982	166.426
28176.441	32538.012	20.485	22125.850	35.491
1.014	14.699			
12/13/2015 10:25:00 AM	1031100.000	73.021	17.982	166.438
28181.361	32543.691	20.489	22129.711	35.484
1.014	14.695			
12/13/2015 10:30:00 AM	1031400.000	73.024	17.982	166.443
28177.529	32539.143	20.486	22126.617	35.489
1.014	14.691			
12/13/2015 10:35:00 AM	1031700.000	73.025	17.982	166.446
28177.869	32539.660	20.486	22126.971	35.489
1.014	14.692			
12/13/2015 10:40:00 AM	1032000.000	73.030	17.982	166.457
28176.637	32538.184	20.485	22125.965	35.490
1.014	14.693			
12/13/2015 10:45:00 AM	1032300.000	73.033	17.982	166.465
28182.396	32544.834	20.490	22130.490	35.483
1.014	14.693			
12/13/2015 10:50:00 AM	1032600.000	73.021	17.982	166.437
28165.512	32525.389	20.476	22117.264	35.504
1.014	14.705			
12/13/2015 10:55:00 AM	1032900.000	73.034	17.982	166.468
28160.824	32519.662	20.472	22113.373	35.510
1.014	14.717			
12/13/2015 11:00:00 AM	1033200.000	73.026	17.982	166.448
28164.924	32524.529	20.476	22116.680	35.505
1.014	14.728			
12/13/2015 11:05:00 AM	1033500.000	73.032	17.982	166.462
28165.617	32525.330	20.476	22117.227	35.504
1.014	14.729			
12/13/2015 11:10:00 AM	1033800.000	73.027	17.982	166.451
28177.066	32538.732	20.486	22126.340	35.490
1.014	14.731			
12/13/2015 11:15:00 AM	1034100.000	73.038	17.982	166.476
28183.168	32545.725	20.490	22131.094	35.482
1.014	14.732			
12/13/2015 11:20:00 AM	1034400.000	73.019	17.982	166.433
28179.580	32541.582	20.488	22128.277	35.487
1.014	14.731			
12/13/2015 11:25:00 AM	1034700.000	73.019	17.982	166.432
28171.982	32532.736	20.481	22122.264	35.496
1.014	14.730			
12/13/2015 11:30:00 AM	1035000.000	73.037	17.982	166.473
28183.146	32545.883	20.490	22131.203	35.482
1.014	14.729			
12/13/2015 11:35:00 AM	1035300.000	73.042	17.982	166.486
28174.357	32535.479	20.483	22124.127	35.493
1.014	14.729			
12/13/2015 11:40:00 AM	1035600.000	73.021	17.982	166.436
28158.180	32516.555	20.470	22111.260	35.514
1.014	14.729			
12/13/2015 11:45:00 AM	1035900.000	73.023	17.982	166.441
28182.939	32545.273	20.490	22130.789	35.482

1.014	14.730			
12/13/2015 11:50:00 AM	1036200.000	73.021	17.982	166.436
28165.707	32525.434	20.476	22117.297	35.504
1.014	14.730			
12/13/2015 11:55:00 AM	1036500.000	73.023	17.982	166.442
28171.139	32531.574	20.481	22121.471	35.497
1.014	14.731			
12/13/2015 12:00:00 PM	1036800.000	73.037	17.982	166.475
28171.707	32532.418	20.481	22122.045	35.497
1.014	14.732			
12/13/2015 12:05:00 PM	1037100.000	73.046	17.982	166.494
28173.002	32533.672	20.482	22122.898	35.495
1.014	14.730			
12/13/2015 12:10:00 PM	1037400.000	73.043	17.982	166.488
28178.629	32540.223	20.487	22127.352	35.488
1.014	14.728			
12/13/2015 12:15:00 PM	1037700.000	73.051	17.982	166.505
28167.350	32527.145	20.478	22118.459	35.502
1.014	14.726			
12/13/2015 12:20:00 PM	1038000.000	73.030	17.982	166.457
28181.924	32544.029	20.489	22129.939	35.484
1.014	14.726			
12/13/2015 12:25:00 PM	1038300.000	73.030	17.982	166.459
28168.266	32528.389	20.478	22119.307	35.501
1.014	14.725			
12/13/2015 12:30:00 PM	1038600.000	73.032	17.982	166.463
28177.195	32538.828	20.486	22126.406	35.490
1.014	14.724			
12/13/2015 12:35:00 PM	1038900.000	73.052	17.982	166.508
28177.146	32538.512	20.485	22126.188	35.490
1.014	14.723			
12/13/2015 12:40:00 PM	1039200.000	73.050	17.982	166.503
28170.906	32531.564	20.481	22121.465	35.498
1.014	14.722			
12/13/2015 12:45:00 PM	1039500.000	73.052	17.982	166.509
28172.361	32532.932	20.482	22122.396	35.496
1.014	14.721			
12/13/2015 12:50:00 PM	1039800.000	73.050	17.983	166.503
28163.732	32522.770	20.475	22115.486	35.507
1.014	14.723			
12/13/2015 12:55:00 PM	1040100.000	73.044	17.982	166.491
28180.768	32542.639	20.488	22128.996	35.485
1.014	14.725			
12/13/2015 1:00:00 PM	1040400.000	73.043	17.983	166.487
28165.350	32524.764	20.476	22116.840	35.505
1.014	14.728			
12/13/2015 1:05:00 PM	1040700.000	73.044	17.982	166.489
28172.303	32532.918	20.482	22122.385	35.496
1.014	14.726			
12/13/2015 1:10:00 PM	1041000.000	73.048	17.982	166.499
28194.094	32558.027	20.499	22139.459	35.468
1.014	14.724			
12/13/2015 1:15:00 PM	1041300.000	73.049	17.982	166.501
28184.248	32546.900	20.491	22131.893	35.481
1.014	14.722			
12/13/2015 1:20:00 PM	1041600.000	73.042	17.983	166.485
28154.111	32511.732	20.467	22107.979	35.519
1.014	14.723			

12/13/2015 1:25:00 PM	1041900.000	73.041	17.982	166.482
28170.949	32531.615	20.481	22121.500	35.498
1.014	14.723			
12/13/2015 1:30:00 PM	1042200.000	73.024	17.982	166.445
28174.719	32535.896	20.484	22124.410	35.493
1.014	14.724			
12/13/2015 1:35:00 PM	1042500.000	73.039	17.982	166.478
28162.014	32521.037	20.473	22114.305	35.509
1.014	14.722			
12/13/2015 1:40:00 PM	1042800.000	73.020	17.983	166.435
28183.074	32544.984	20.490	22130.590	35.482
1.014	14.720			
12/13/2015 1:45:00 PM	1043100.000	73.044	17.982	166.490
28176.279	32537.582	20.485	22125.557	35.491
1.014	14.718			
12/13/2015 1:50:00 PM	1043400.000	73.041	17.983	166.482
28164.436	32523.582	20.475	22116.035	35.506
1.014	14.721			
12/13/2015 1:55:00 PM	1043700.000	73.012	17.983	166.418
28180.219	32541.809	20.488	22128.432	35.486
1.014	14.725			
12/13/2015 2:00:00 PM	1044000.000	73.027	17.982	166.451
28181.813	32543.900	20.489	22129.852	35.484
1.014	14.728			
12/13/2015 2:05:00 PM	1044300.000	73.030	17.982	166.459
28170.527	32530.867	20.480	22120.990	35.498
1.014	14.727			
12/13/2015 2:10:00 PM	1044600.000	73.028	17.982	166.453
28178.707	32540.445	20.487	22127.504	35.488
1.014	14.726			
12/13/2015 2:15:00 PM	1044900.000	73.020	17.982	166.436
28182.496	32544.762	20.490	22130.438	35.483
1.014	14.725			
12/13/2015 2:20:00 PM	1045200.000	73.007	17.982	166.405
28180.932	32543.143	20.489	22129.340	35.485
1.014	14.725			
12/13/2015 2:25:00 PM	1045500.000	73.000	17.982	166.389
28164.568	32524.059	20.475	22116.359	35.506
1.014	14.725			
12/13/2015 2:30:00 PM	1045800.000	73.017	17.982	166.428
28174.025	32535.039	20.483	22123.826	35.494
1.014	14.724			
12/13/2015 2:35:00 PM	1046100.000	72.991	17.982	166.368
28165.531	32525.098	20.476	22117.066	35.504
1.014	14.729			
12/13/2015 2:40:00 PM	1046400.000	73.012	17.982	166.418
28180.131	32542.029	20.488	22128.582	35.486
1.014	14.734			
12/13/2015 2:45:00 PM	1046700.000	72.986	17.982	166.358
28169.139	32529.523	20.479	22120.076	35.500
1.014	14.739			
12/13/2015 2:50:00 PM	1047000.000	73.003	17.982	166.396
28172.629	32533.428	20.482	22122.732	35.495
1.014	14.737			
12/13/2015 2:55:00 PM	1047300.000	72.998	17.983	166.385
28167.100	32526.785	20.477	22118.215	35.502
1.014	14.736			
12/13/2015 3:00:00 PM	1047600.000	72.995	17.981	166.378

28173.506	32535.004	20.483	22123.805	35.494
1.014	14.734			
12/13/2015 3:05:00 PM	1047900.000	72.975	17.982	166.333
28168.002	32528.395	20.478	22119.311	35.501
1.014	14.733			
12/13/2015 3:10:00 PM	1048200.000	72.991	17.982	166.368
28176.650	32538.252	20.485	22126.014	35.490
1.014	14.732			
12/13/2015 3:15:00 PM	1048500.000	72.992	17.982	166.370
28156.734	32514.939	20.469	22110.158	35.515
1.014	14.731			
12/13/2015 3:20:00 PM	1048800.000	72.990	17.982	166.367
28175.266	32536.719	20.484	22124.969	35.492
1.014	14.732			
12/13/2015 3:25:00 PM	1049100.000	72.982	17.982	166.349
28189.490	32553.080	20.495	22136.096	35.474
1.014	14.733			
12/13/2015 3:30:00 PM	1049400.000	72.955	17.982	166.288
28174.965	32535.992	20.484	22124.475	35.493
1.014	14.734			
12/13/2015 3:35:00 PM	1049700.000	72.977	17.982	166.338
28183.232	32545.672	20.490	22131.059	35.482
1.014	14.733			
12/13/2015 3:40:00 PM	1050000.000	72.971	17.981	166.324
28166.225	32526.660	20.477	22118.129	35.504
1.014	14.731			
12/13/2015 3:45:00 PM	1050300.000	72.971	17.982	166.324
28160.566	32519.744	20.472	22113.426	35.511
1.014	14.730			
12/13/2015 3:50:00 PM	1050600.000	72.966	17.982	166.313
28160.584	32519.891	20.472	22113.527	35.511
1.014	14.732			
12/13/2015 3:55:00 PM	1050900.000	72.958	17.982	166.294
28160.193	32519.313	20.472	22113.135	35.511
1.014	14.734			
12/13/2015 4:00:00 PM	1051200.000	72.958	17.982	166.294
28175.822	32537.361	20.485	22125.408	35.491
1.014	14.737			
12/13/2015 4:05:00 PM	1051500.000	72.951	17.982	166.277
28163.316	32522.801	20.475	22115.506	35.507
1.014	14.735			
12/13/2015 4:10:00 PM	1051800.000	72.936	17.982	166.243
28177.150	32538.830	20.486	22126.406	35.490
1.014	14.733			
12/13/2015 4:15:00 PM	1052100.000	72.949	17.982	166.274
28165.291	32525.080	20.476	22117.057	35.505
1.014	14.732			
12/13/2015 4:20:00 PM	1052400.000	72.942	17.981	166.258
28167.104	32527.551	20.478	22118.736	35.502
1.014	14.734			
12/13/2015 4:25:00 PM	1052700.000	72.938	17.982	166.249
28176.924	32538.826	20.486	22126.404	35.490
1.014	14.737			
12/13/2015 4:30:00 PM	1053000.000	72.937	17.982	166.245
28161.824	32521.131	20.473	22114.371	35.509
1.014	14.740			
12/13/2015 4:35:00 PM	1053300.000	72.930	17.982	166.230
28165.607	32525.691	20.477	22117.473	35.504

1.014	14.741			
12/13/2015 4:40:00 PM	1053600.000	72.908	17.982	166.180
28172.820	32533.959	20.482	22123.092	35.495
1.014	14.742			
12/13/2015 4:45:00 PM	1053900.000	72.924	17.982	166.216
28158.211	32517.215	20.471	22111.707	35.514
1.014	14.743			
12/13/2015 4:50:00 PM	1054200.000	72.920	17.982	166.207
28173.199	32534.459	20.483	22123.432	35.495
1.014	14.744			
12/13/2015 4:55:00 PM	1054500.000	72.893	17.982	166.146
28168.906	32529.439	20.479	22120.020	35.500
1.014	14.746			
12/13/2015 5:00:00 PM	1054800.000	72.907	17.982	166.177
28159.723	32518.705	20.472	22112.721	35.512
1.014	14.747			
12/13/2015 5:05:00 PM	1055100.000	72.908	17.982	166.180
28156.299	32514.943	20.469	22110.162	35.516
1.014	14.748			
12/13/2015 5:10:00 PM	1055400.000	72.884	17.982	166.126
28176.334	32538.018	20.485	22125.854	35.491
1.014	14.749			
12/13/2015 5:15:00 PM	1055700.000	72.878	17.981	166.111
28172.400	32533.666	20.482	22122.895	35.496
1.014	14.749			
12/13/2015 5:20:00 PM	1056000.000	72.874	17.981	166.102
28169.037	32529.908	20.479	22120.338	35.500
1.014	14.748			
12/13/2015 5:25:00 PM	1056300.000	72.890	17.981	166.140
28167.484	32527.990	20.478	22119.033	35.502
1.014	14.747			
12/13/2015 5:30:00 PM	1056600.000	72.869	17.982	166.092
28171.563	32532.568	20.481	22122.146	35.497
1.014	14.746			
12/13/2015 5:35:00 PM	1056900.000	72.883	17.981	166.122
28162.582	32522.328	20.474	22115.186	35.508
1.014	14.748			
12/13/2015 5:40:00 PM	1057200.000	72.876	17.982	166.107
28165.225	32525.188	20.476	22117.129	35.505
1.014	14.750			
12/13/2015 5:45:00 PM	1057500.000	72.857	17.982	166.063
28163.090	32522.850	20.475	22115.537	35.507
1.014	14.751			
12/13/2015 5:50:00 PM	1057800.000	72.855	17.981	166.059
28163.512	32523.527	20.475	22116.000	35.507
1.014	14.750			
12/13/2015 5:55:00 PM	1058100.000	72.855	17.981	166.058
28163.326	32523.313	20.475	22115.854	35.507
1.014	14.749			
12/13/2015 6:00:00 PM	1058400.000	72.852	17.981	166.052
28169.438	32530.246	20.480	22120.568	35.499
1.014	14.747			
12/13/2015 6:05:00 PM	1058700.000	72.869	17.981	166.090
28159.674	32518.971	20.472	22112.902	35.512
1.014	14.749			
12/13/2015 6:10:00 PM	1059000.000	72.865	17.982	166.082
28161.586	32520.920	20.473	22114.227	35.509
1.014	14.751			

12/13/2015 6:15:00 PM	1059300.000	72.862	17.982	166.074
28159.652	32518.688	20.472	22112.707	35.512
1.014	14.753			
12/13/2015 6:20:00 PM	1059600.000	72.835	17.981	166.013
28165.762	32526.125	20.477	22117.768	35.504
1.014	14.754			
12/13/2015 6:25:00 PM	1059900.000	72.852	17.982	166.053
28149.180	32506.787	20.463	22104.615	35.525
1.014	14.755			
12/13/2015 6:30:00 PM	1060200.000	72.847	17.981	166.041
28172.539	32533.887	20.482	22123.045	35.496
1.014	14.756			
12/13/2015 6:35:00 PM	1060500.000	72.830	17.981	166.002
28149.738	32507.496	20.464	22105.100	35.524
1.014	14.756			
12/13/2015 6:40:00 PM	1060800.000	72.845	17.981	166.037
28182.006	32544.760	20.490	22130.438	35.484
1.014	14.755			
12/13/2015 6:45:00 PM	1061100.000	72.846	17.982	166.038
28170.857	32531.820	20.481	22121.639	35.498
1.014	14.755			
12/13/2015 6:50:00 PM	1061400.000	72.842	17.981	166.030
28174.348	32536.102	20.484	22124.551	35.493
1.014	14.754			
12/13/2015 6:55:00 PM	1061700.000	72.838	17.982	166.020
28165.291	32525.199	20.476	22117.137	35.505
1.014	14.754			
12/13/2015 7:00:00 PM	1062000.000	72.834	17.981	166.012
28157.617	32516.781	20.470	22111.414	35.514
1.014	14.754			
12/13/2015 7:05:00 PM	1062300.000	72.837	17.981	166.017
28156.441	32515.484	20.469	22110.531	35.516
1.014	14.755			
12/13/2015 7:10:00 PM	1062600.000	72.834	17.981	166.010
28172.355	32533.928	20.482	22123.072	35.496
1.014	14.755			
12/13/2015 7:15:00 PM	1062900.000	72.825	17.981	165.991
28167.322	32527.988	20.478	22119.033	35.502
1.014	14.756			
12/13/2015 7:20:00 PM	1063200.000	72.811	17.982	165.959
28179.705	32541.844	20.488	22128.455	35.487
1.014	14.757			
12/13/2015 7:25:00 PM	1063500.000	72.828	17.981	165.997
28183.346	32546.432	20.491	22131.574	35.482
1.014	14.757			
12/13/2015 7:30:00 PM	1063800.000	72.808	17.981	165.951
28173.502	32535.000	20.483	22123.803	35.494
1.014	14.758			
12/13/2015 7:35:00 PM	1064100.000	72.824	17.981	165.988
28163.236	32523.398	20.475	22115.914	35.507
1.014	14.759			
12/13/2015 7:40:00 PM	1064400.000	72.819	17.981	165.977
28178.125	32540.523	20.487	22127.559	35.489
1.014	14.760			
12/13/2015 7:45:00 PM	1064700.000	72.816	17.981	165.969
28174.033	32535.738	20.483	22124.305	35.494
1.014	14.762			
12/13/2015 7:50:00 PM	1065000.000	72.818	17.981	165.976

28180.623	32543.477	20.489	22129.566	35.485
1.014	14.760			
12/13/2015 7:55:00 PM	1065300.000	72.802	17.981	165.938
28176.234	32538.467	20.485	22126.160	35.491
1.014	14.757			
12/13/2015 8:00:00 PM	1065600.000	72.804	17.981	165.944
28166.383	32526.904	20.477	22118.295	35.503
1.014	14.755			
12/13/2015 8:05:00 PM	1065900.000	72.819	17.981	165.977
28169.271	32530.240	20.480	22120.564	35.500
1.014	14.756			
12/13/2015 8:10:00 PM	1066200.000	72.819	17.981	165.978
28173.875	32535.684	20.483	22124.268	35.494
1.014	14.757			
12/13/2015 8:15:00 PM	1066500.000	72.797	17.981	165.926
28187.627	32551.496	20.494	22135.020	35.477
1.014	14.758			
12/13/2015 8:20:00 PM	1066800.000	72.797	17.981	165.927
28169.623	32530.773	20.480	22120.926	35.499
1.014	14.757			
12/13/2015 8:25:00 PM	1067100.000	72.801	17.981	165.937
28156.020	32514.811	20.469	22110.072	35.516
1.014	14.756			
12/13/2015 8:30:00 PM	1067400.000	72.821	17.981	165.982
28167.936	32528.949	20.479	22119.686	35.501
1.014	14.755			
12/13/2015 8:35:00 PM	1067700.000	72.818	17.981	165.974
28169.146	32529.969	20.479	22120.381	35.500
1.014	14.759			
12/13/2015 8:40:00 PM	1068000.000	72.813	17.981	165.962
28176.834	32538.973	20.486	22126.504	35.490
1.014	14.764			
12/13/2015 8:45:00 PM	1068300.000	72.789	17.981	165.908
28161.951	32521.660	20.474	22114.729	35.509
1.014	14.768			
12/13/2015 8:50:00 PM	1068600.000	72.813	17.982	165.962
28159.475	32518.609	20.472	22112.656	35.512
1.014	14.768			
12/13/2015 8:55:00 PM	1068900.000	72.788	17.981	165.907
28161.939	32521.771	20.474	22114.805	35.509
1.014	14.769			
12/13/2015 9:00:00 PM	1069200.000	72.809	17.981	165.954
28164.979	32525.221	20.476	22117.150	35.505
1.014	14.769			
12/13/2015 9:05:00 PM	1069500.000	72.816	17.981	165.970
28173.096	32534.783	20.483	22123.654	35.495
1.014	14.766			
12/13/2015 9:10:00 PM	1069800.000	72.820	17.981	165.980
28163.586	32523.859	20.475	22116.227	35.507
1.014	14.763			
12/13/2015 9:15:00 PM	1070100.000	72.825	17.981	165.990
28175.012	32536.996	20.484	22125.158	35.492
1.014	14.760			
12/13/2015 9:20:00 PM	1070400.000	72.822	17.981	165.984
28167.158	32527.738	20.478	22118.861	35.502
1.014	14.760			
12/13/2015 9:25:00 PM	1070700.000	72.824	17.981	165.989
28177.141	32539.770	20.486	22127.045	35.490

1.014	14.759			
12/13/2015 9:30:00 PM	1071000.000	72.809	17.981	165.954
28167.555	32528.385	20.478	22119.305	35.502
1.014	14.759			
12/13/2015 9:35:00 PM	1071300.000	72.805	17.981	165.945
28159.471	32519.049	20.472	22112.955	35.512
1.014	14.760			
12/13/2015 9:40:00 PM	1071600.000	72.805	17.981	165.946
28156.395	32515.430	20.469	22110.492	35.516
1.014	14.762			
12/13/2015 9:45:00 PM	1071900.000	72.826	17.981	165.994
28172.422	32534.189	20.482	22123.250	35.496
1.014	14.763			
12/13/2015 9:50:00 PM	1072200.000	72.807	17.982	165.951
28176.738	32538.611	20.485	22126.258	35.490
1.014	14.763			
12/13/2015 9:55:00 PM	1072500.000	72.807	17.981	165.950
28167.980	32529.002	20.479	22119.723	35.501
1.014	14.763			
12/13/2015 10:00:00 PM	1072800.000	72.831	17.981	166.003
28157.760	32516.885	20.470	22111.482	35.514
1.014	14.763			
12/13/2015 10:05:00 PM	1073100.000	72.834	17.981	166.010
28169.094	32530.033	20.480	22120.422	35.500
1.014	14.762			
12/13/2015 10:10:00 PM	1073400.000	72.836	17.981	166.016
28172.820	32534.213	20.482	22123.266	35.495
1.014	14.760			
12/13/2015 10:15:00 PM	1073700.000	72.817	17.981	165.972
28168.863	32529.953	20.479	22120.371	35.500
1.014	14.759			
12/13/2015 10:20:00 PM	1074000.000	72.817	17.981	165.972
28156.361	32515.516	20.469	22110.553	35.516
1.014	14.759			
12/13/2015 10:25:00 PM	1074300.000	72.841	17.981	166.026
28181.309	32544.141	20.489	22130.016	35.485
1.014	14.760			
12/13/2015 10:30:00 PM	1074600.000	72.823	17.981	165.986
28165.291	32525.518	20.476	22117.354	35.505
1.014	14.760			
12/13/2015 10:35:00 PM	1074900.000	72.828	17.981	165.998
28166.209	32526.703	20.477	22118.158	35.504
1.014	14.759			
12/13/2015 10:40:00 PM	1075200.000	72.846	17.981	166.039
28163.451	32523.578	20.475	22116.033	35.507
1.014	14.758			
12/13/2015 10:45:00 PM	1075500.000	72.848	17.981	166.044
28161.160	32520.746	20.473	22114.109	35.510
1.014	14.757			
12/13/2015 10:50:00 PM	1075800.000	72.848	17.981	166.043
28170.803	32532.068	20.481	22121.807	35.498
1.014	14.758			
12/13/2015 10:55:00 PM	1076100.000	72.853	17.981	166.055
28175.994	32538.063	20.485	22125.883	35.491
1.014	14.758			
12/13/2015 11:00:00 PM	1076400.000	72.856	17.982	166.062
28158.311	32517.330	20.471	22111.785	35.513
1.014	14.759			

12/13/2015 11:05:00 PM	1076700.000	72.840	17.981	166.026
28178.943	32541.662	20.488	22128.330	35.487
1.014	14.759			
12/13/2015 11:10:00 PM	1077000.000	72.858	17.982	166.065
28174.162	32535.637	20.483	22124.232	35.494
1.014	14.759			
12/13/2015 11:15:00 PM	1077300.000	72.841	17.981	166.027
28174.811	32536.889	20.484	22125.086	35.493
1.014	14.759			
12/13/2015 11:20:00 PM	1077600.000	72.866	17.981	166.083
28175.418	32537.465	20.485	22125.477	35.492
1.014	14.760			
12/13/2015 11:25:00 PM	1077900.000	72.865	17.981	166.083
28156.855	32515.775	20.470	22110.727	35.515
1.014	14.761			
12/13/2015 11:30:00 PM	1078200.000	72.868	17.981	166.088
28157.918	32517.381	20.471	22111.820	35.514
1.014	14.762			
12/13/2015 11:35:00 PM	1078500.000	72.867	17.981	166.086
28171.260	32532.535	20.481	22122.125	35.497
1.014	14.762			
12/13/2015 11:40:00 PM	1078800.000	72.870	17.981	166.094
28176.275	32538.268	20.485	22126.021	35.491
1.014	14.761			
12/13/2015 11:45:00 PM	1079100.000	72.873	17.981	166.100
28176.266	32538.316	20.485	22126.057	35.491
1.014	14.761			
12/13/2015 11:50:00 PM	1079400.000	72.873	17.981	166.101
28160.309	32519.828	20.472	22113.484	35.511
1.014	14.761			
12/13/2015 11:55:00 PM	1079700.000	72.859	17.981	166.069
28183.809	32547.213	20.491	22132.107	35.481
1.014	14.761			
12/14/2015 12:00:00 AM	1080000.000	72.884	17.981	166.126
28172.252	32533.682	20.482	22122.906	35.496
1.014	14.760			
12/14/2015 12:05:00 AM	1080300.000	72.884	17.981	166.126
28181.590	32544.592	20.490	22130.324	35.484
1.014	14.760			
12/14/2015 12:10:00 AM	1080600.000	72.884	17.981	166.126
28174.625	32536.549	20.484	22124.855	35.493
1.014	14.759			
12/14/2015 12:15:00 AM	1080900.000	72.890	17.981	166.139
28159.803	32519.365	20.472	22113.168	35.512
1.014	14.759			
12/14/2015 12:20:00 AM	1081200.000	72.872	17.981	166.098
28169.971	32531.047	20.480	22121.113	35.499
1.014	14.758			
12/14/2015 12:25:00 AM	1081500.000	72.874	17.981	166.102
28168.174	32529.100	20.479	22119.787	35.501
1.014	14.757			
12/14/2015 12:30:00 AM	1081800.000	72.875	17.981	166.105
28166.209	32526.578	20.477	22118.074	35.504
1.014	14.756			
12/14/2015 12:35:00 AM	1082100.000	72.900	17.981	166.162
28174.006	32535.707	20.483	22124.283	35.494
1.014	14.754			
12/14/2015 12:40:00 AM	1082400.000	72.889	17.982	166.137

28168.686	32529.119	20.479	22119.803	35.500
1.014	14.753			
12/14/2015 12:45:00 AM	1082700.000	72.903	17.982	166.167
28174.725	32536.285	20.484	22124.676	35.493
1.014	14.751			
12/14/2015 12:50:00 AM	1083000.000	72.888	17.981	166.134
28174.355	32536.051	20.484	22124.518	35.493
1.014	14.753			
12/14/2015 12:55:00 AM	1083300.000	72.909	17.981	166.183
28154.539	32513.354	20.468	22109.082	35.518
1.014	14.756			
12/14/2015 1:00:00 AM	1083600.000	72.910	17.981	166.183
28168.057	32528.965	20.479	22119.697	35.501
1.014	14.758			
12/14/2015 1:05:00 AM	1083900.000	72.910	17.981	166.184
28187.143	32551.063	20.494	22134.725	35.477
1.014	14.758			
12/14/2015 1:10:00 AM	1084200.000	72.910	17.981	166.183
28176.543	32538.512	20.485	22126.188	35.491
1.014	14.758			
12/14/2015 1:15:00 AM	1084500.000	72.915	17.981	166.196
28158.803	32517.965	20.471	22112.217	35.513
1.014	14.758			
12/14/2015 1:20:00 AM	1084800.000	72.898	17.981	166.156
28172.998	32534.670	20.483	22123.576	35.495
1.014	14.759			
12/14/2015 1:25:00 AM	1085100.000	72.920	17.981	166.208
28163.348	32523.459	20.475	22115.953	35.507
1.014	14.760			
12/14/2015 1:30:00 AM	1085400.000	72.919	17.981	166.205
28172.094	32533.373	20.482	22122.693	35.496
1.014	14.761			
12/14/2015 1:35:00 AM	1085700.000	72.915	17.981	166.197
28167.904	32528.535	20.478	22119.406	35.501
1.014	14.761			
12/14/2015 1:40:00 AM	1086000.000	72.917	17.981	166.201
28175.318	32537.223	20.484	22125.313	35.492
1.014	14.762			
12/14/2015 1:45:00 AM	1086300.000	72.921	17.981	166.210
28177.887	32540.127	20.486	22127.289	35.489
1.014	14.762			
12/14/2015 1:50:00 AM	1086600.000	72.925	17.981	166.218
28175.871	32537.861	20.485	22125.748	35.491
1.014	14.763			
12/14/2015 1:55:00 AM	1086900.000	72.905	17.981	166.174
28170.705	32531.955	20.481	22121.730	35.498
1.014	14.763			
12/14/2015 2:00:00 AM	1087200.000	72.920	17.982	166.207
28146.645	32503.795	20.461	22102.580	35.528
1.014	14.764			
12/14/2015 2:05:00 AM	1087500.000	72.923	17.981	166.215
28170.975	32532.080	20.481	22121.814	35.498
1.014	14.767			
12/14/2015 2:10:00 AM	1087800.000	72.923	17.981	166.213
28167.930	32528.629	20.479	22119.471	35.501
1.014	14.770			
12/14/2015 2:15:00 AM	1088100.000	72.923	17.982	166.213
28178.742	32540.926	20.487	22127.830	35.488

1.014	14.774			
12/14/2015 2:20:00 AM	1088400.000	72.923	17.981	166.214
28170.961	32532.064	20.481	22121.805	35.498
1.014	14.771			
12/14/2015 2:25:00 AM	1088700.000	72.929	17.982	166.228
28171.244	32532.268	20.481	22121.943	35.497
1.014	14.768			
12/14/2015 2:30:00 AM	1089000.000	72.934	17.981	166.239
28164.086	32524.379	20.476	22116.578	35.506
1.014	14.766			
12/14/2015 2:35:00 AM	1089300.000	72.915	17.981	166.196
28165.543	32525.873	20.477	22117.596	35.504
1.014	14.766			
12/14/2015 2:40:00 AM	1089600.000	72.938	17.981	166.249
28168.531	32529.570	20.479	22120.107	35.501
1.014	14.765			
12/14/2015 2:45:00 AM	1089900.000	72.920	17.981	166.208
28163.840	32524.094	20.475	22116.387	35.507
1.014	14.765			
12/14/2015 2:50:00 AM	1090200.000	72.938	17.981	166.248
28168.703	32529.457	20.479	22120.031	35.500
1.014	14.765			
12/14/2015 2:55:00 AM	1090500.000	72.937	17.981	166.247
28161.285	32520.957	20.473	22114.252	35.510
1.014	14.764			
12/14/2015 3:00:00 AM	1090800.000	72.917	17.981	166.200
28181.510	32544.373	20.489	22130.174	35.484
1.014	14.763			
12/14/2015 3:05:00 AM	1091100.000	72.940	17.981	166.254
28179.545	32542.164	20.488	22128.674	35.487
1.014	14.762			
12/14/2015 3:10:00 AM	1091400.000	72.924	17.981	166.217
28182.307	32545.168	20.490	22130.717	35.483
1.014	14.762			
12/14/2015 3:15:00 AM	1091700.000	72.922	17.982	166.211
28168.162	32528.643	20.479	22119.479	35.501
1.014	14.761			
12/14/2015 3:20:00 AM	1092000.000	72.920	17.981	166.207
28177.359	32539.641	20.486	22126.957	35.489
1.014	14.762			
12/14/2015 3:25:00 AM	1092300.000	72.941	17.981	166.256
28166.732	32527.246	20.478	22118.529	35.503
1.014	14.763			
12/14/2015 3:30:00 AM	1092600.000	72.938	17.982	166.247
28175.219	32536.857	20.484	22125.063	35.492
1.014	14.764			
12/14/2015 3:35:00 AM	1092900.000	72.935	17.981	166.241
28162.318	32522.084	20.474	22115.020	35.508
1.014	14.765			
12/14/2015 3:40:00 AM	1093200.000	72.943	17.981	166.259
28163.197	32523.100	20.475	22115.707	35.507
1.014	14.766			
12/14/2015 3:45:00 AM	1093500.000	72.936	17.981	166.244
28163.732	32523.717	20.475	22116.129	35.507
1.014	14.767			
12/14/2015 3:50:00 AM	1093800.000	72.935	17.982	166.241
28167.465	32527.709	20.478	22118.844	35.502
1.014	14.767			

12/14/2015 3:55:00 AM	1094100.000	72.917	17.982	166.201
28175.781	32537.313	20.485	22125.373	35.491
1.014	14.768			
12/14/2015 4:00:00 AM	1094400.000	72.935	17.981	166.241
28160.697	32520.398	20.473	22113.873	35.510
1.014	14.769			
12/14/2015 4:05:00 AM	1094700.000	72.935	17.981	166.241
28165.719	32526.076	20.477	22117.732	35.504
1.014	14.768			
12/14/2015 4:10:00 AM	1095000.000	72.934	17.982	166.239
28164.914	32524.828	20.476	22116.885	35.505
1.014	14.767			
12/14/2015 4:15:00 AM	1095300.000	72.937	17.981	166.246
28168.061	32528.715	20.479	22119.525	35.501
1.014	14.766			
12/14/2015 4:20:00 AM	1095600.000	72.916	17.982	166.198
28170.326	32531.207	20.480	22121.221	35.498
1.014	14.765			
12/14/2015 4:25:00 AM	1095900.000	72.922	17.982	166.211
28161.313	32520.670	20.473	22114.057	35.510
1.014	14.765			
12/14/2015 4:30:00 AM	1096200.000	72.942	17.981	166.257
28165.135	32525.402	20.476	22117.275	35.505
1.014	14.764			
12/14/2015 4:35:00 AM	1096500.000	72.938	17.982	166.248
28158.666	32517.742	20.471	22112.066	35.513
1.014	14.765			
12/14/2015 4:40:00 AM	1096800.000	72.936	17.982	166.245
28167.350	32527.770	20.478	22118.883	35.502
1.014	14.765			
12/14/2015 4:45:00 AM	1097100.000	72.938	17.982	166.247
28167.240	32527.578	20.478	22118.756	35.502
1.014	14.765			
12/14/2015 4:50:00 AM	1097400.000	72.920	17.982	166.206
28173.420	32534.715	20.483	22123.605	35.494
1.014	14.765			
12/14/2015 4:55:00 AM	1097700.000	72.939	17.981	166.251
28175.098	32536.842	20.484	22125.053	35.492
1.014	14.764			
12/14/2015 5:00:00 AM	1098000.000	72.918	17.981	166.202
28175.822	32537.865	20.485	22125.750	35.491
1.014	14.764			
12/14/2015 5:05:00 AM	1098300.000	72.936	17.981	166.243
28169.787	32530.709	20.480	22120.885	35.499
1.014	14.766			
12/14/2015 5:10:00 AM	1098600.000	72.936	17.981	166.244
28180.633	32543.299	20.489	22129.443	35.485
1.014	14.767			
12/14/2015 5:15:00 AM	1098900.000	72.936	17.982	166.245
28165.961	32526.102	20.477	22117.750	35.504
1.014	14.769			
12/14/2015 5:20:00 AM	1099200.000	72.934	17.982	166.238
28164.691	32524.635	20.476	22116.752	35.505
1.014	14.770			
12/14/2015 5:25:00 AM	1099500.000	72.937	17.981	166.245
28180.652	32543.322	20.489	22129.459	35.485
1.014	14.771			
12/14/2015 5:30:00 AM	1099800.000	72.920	17.982	166.206

28162.785	32522.434	20.474	22115.258	35.508
1.014	14.771			
12/14/2015 5:35:00 AM	1100100.000	72.919	17.981	166.205
28159.840	32519.348	20.472	22113.158	35.512
1.014	14.771			
12/14/2015 5:40:00 AM	1100400.000	72.935	17.981	166.242
28170.730	32531.863	20.481	22121.670	35.498
1.014	14.771			
12/14/2015 5:45:00 AM	1100700.000	72.917	17.981	166.200
28159.713	32519.076	20.472	22112.975	35.512
1.014	14.771			
12/14/2015 5:50:00 AM	1101000.000	72.938	17.982	166.248
28155.105	32513.629	20.468	22109.268	35.518
1.014	14.772			
12/14/2015 5:55:00 AM	1101300.000	72.917	17.982	166.201
28154.342	32512.748	20.468	22108.670	35.519
1.014	14.774			
12/14/2015 6:00:00 AM	1101600.000	72.934	17.982	166.240
28163.678	32523.529	20.475	22116.002	35.507
1.014	14.775			
12/14/2015 6:05:00 AM	1101900.000	72.932	17.981	166.235
28160.725	32520.369	20.473	22113.854	35.510
1.014	14.775			
12/14/2015 6:10:00 AM	1102200.000	72.934	17.982	166.239
28165.393	32525.443	20.476	22117.303	35.505
1.014	14.776			
12/14/2015 6:15:00 AM	1102500.000	72.937	17.981	166.245
28168.367	32529.010	20.479	22119.729	35.501
1.014	14.776			
12/14/2015 6:20:00 AM	1102800.000	72.940	17.981	166.252
28165.775	32526.141	20.477	22117.777	35.504
1.014	14.774			
12/14/2015 6:25:00 AM	1103100.000	72.918	17.981	166.202
28161.023	32520.590	20.473	22114.002	35.510
1.014	14.771			
12/14/2015 6:30:00 AM	1103400.000	72.922	17.981	166.211
28176.764	32538.891	20.486	22126.445	35.490
1.014	14.769			
12/14/2015 6:35:00 AM	1103700.000	72.924	17.981	166.217
28173.172	32534.805	20.483	22123.668	35.495
1.014	14.772			
12/14/2015 6:40:00 AM	1104000.000	72.937	17.982	166.246
28160.346	32519.553	20.472	22113.299	35.511
1.014	14.774			
12/14/2015 6:45:00 AM	1104300.000	72.941	17.981	166.255
28178.242	32540.473	20.487	22127.523	35.488
1.014	14.776			
12/14/2015 6:50:00 AM	1104600.000	72.938	17.981	166.248
28155.873	32514.768	20.469	22110.045	35.517
1.014	14.777			
12/14/2015 6:55:00 AM	1104900.000	72.917	17.981	166.201
28166.303	32526.811	20.477	22118.230	35.503
1.014	14.779			
12/14/2015 7:00:00 AM	1105200.000	72.921	17.981	166.209
28181.088	32544.014	20.489	22129.930	35.485
1.014	14.780			
12/14/2015 7:05:00 AM	1105500.000	72.939	17.981	166.251
28175.838	32537.762	20.485	22125.680	35.491

1.014	14.780			
12/14/2015 7:10:00 AM	1105800.000	72.938	17.981	166.247
28165.580	32525.977	20.477	22117.664	35.504
1.014	14.780			
12/14/2015 7:15:00 AM	1106100.000	72.939	17.981	166.250
28159.613	32519.025	20.472	22112.938	35.512
1.014	14.781			
12/14/2015 7:20:00 AM	1106400.000	72.941	17.982	166.256
28164.049	32523.957	20.475	22116.293	35.506
1.014	14.781			
12/14/2015 7:25:00 AM	1106700.000	72.942	17.981	166.257
28195.520	32560.611	20.501	22141.219	35.467
1.014	14.781			
12/14/2015 7:30:00 AM	1107000.000	72.944	17.981	166.262
28154.129	32512.752	20.468	22108.674	35.519
1.014	14.781			
12/14/2015 7:35:00 AM	1107300.000	72.924	17.981	166.216
28175.094	32536.963	20.484	22125.135	35.492
1.014	14.780			
12/14/2015 7:40:00 AM	1107600.000	72.949	17.982	166.273
28176.779	32538.594	20.485	22126.246	35.490
1.014	14.779			
12/14/2015 7:45:00 AM	1107900.000	72.933	17.982	166.237
28167.660	32528.000	20.478	22119.041	35.502
1.014	14.778			
12/14/2015 7:50:00 AM	1108200.000	72.954	17.981	166.286
28163.871	32523.816	20.475	22116.195	35.506
1.014	14.780			
12/14/2015 7:55:00 AM	1108500.000	72.949	17.981	166.272
28156.131	32515.125	20.469	22110.287	35.516
1.014	14.781			
12/14/2015 8:00:00 AM	1108800.000	72.952	17.981	166.281
28175.205	32537.277	20.485	22125.352	35.492
1.014	14.783			
12/14/2015 8:05:00 AM	1109100.000	72.932	17.981	166.234
28177.359	32539.520	20.486	22126.875	35.489
1.014	14.783			
12/14/2015 8:10:00 AM	1109400.000	72.953	17.981	166.283
28176.824	32538.900	20.486	22126.453	35.490
1.014	14.783			
12/14/2015 8:15:00 AM	1109700.000	72.954	17.981	166.285
28191.008	32555.400	20.497	22137.672	35.472
1.014	14.783			
12/14/2015 8:20:00 AM	1110000.000	72.939	17.981	166.250
28170.752	32531.949	20.481	22121.727	35.498
1.014	14.783			
12/14/2015 8:25:00 AM	1110300.000	72.960	17.982	166.298
28162.281	32521.789	20.474	22114.816	35.508
1.014	14.783			
12/14/2015 8:30:00 AM	1110600.000	72.963	17.981	166.305
28169.764	32530.748	20.480	22120.908	35.499
1.014	14.783			
12/14/2015 8:35:00 AM	1110900.000	72.960	17.981	166.299
28161.732	32521.719	20.474	22114.771	35.509
1.014	14.785			
12/14/2015 8:40:00 AM	1111200.000	72.960	17.982	166.298
28168.266	32528.389	20.478	22119.307	35.501
1.014	14.787			

12/14/2015 8:45:00 AM	1111500.000	72.961	17.981	166.300
28165.309	32525.477	20.476	22117.324	35.505
1.014	14.789			
12/14/2015 8:50:00 AM	1111800.000	72.965	17.981	166.310
28173.295	32534.760	20.483	22123.639	35.495
1.014	14.788			
12/14/2015 8:55:00 AM	1112100.000	72.967	17.981	166.314
28178.443	32540.832	20.487	22127.768	35.488
1.014	14.787			
12/14/2015 9:00:00 AM	1112400.000	72.972	17.981	166.325
28164.529	32524.764	20.476	22116.840	35.506
1.014	14.786			
12/14/2015 9:05:00 AM	1112700.000	72.950	17.981	166.276
28174.551	32536.150	20.484	22124.582	35.493
1.014	14.789			
12/14/2015 9:10:00 AM	1113000.000	72.947	17.981	166.269
28163.299	32523.217	20.475	22115.787	35.507
1.014	14.792			
12/14/2015 9:15:00 AM	1113300.000	72.967	17.982	166.315
28178.916	32541.127	20.487	22127.969	35.488
1.014	14.795			
12/14/2015 9:20:00 AM	1113600.000	72.972	17.981	166.325
28165.014	32525.137	20.476	22117.094	35.505
1.014	14.795			
12/14/2015 9:25:00 AM	1113900.000	72.961	17.982	166.301
28158.691	32517.578	20.471	22111.953	35.513
1.014	14.794			
12/14/2015 9:30:00 AM	1114200.000	72.981	17.982	166.347
28168.217	32528.771	20.479	22119.566	35.501
1.014	14.793			
12/14/2015 9:35:00 AM	1114500.000	72.983	17.981	166.351
28159.908	32519.240	20.472	22113.084	35.511
1.014	14.796			
12/14/2015 9:40:00 AM	1114800.000	72.964	17.981	166.308
28166.090	32526.439	20.477	22117.979	35.504
1.014	14.798			
12/14/2015 9:45:00 AM	1115100.000	72.980	17.981	166.345
28176.055	32537.947	20.485	22125.805	35.491
1.014	14.801			
12/14/2015 9:50:00 AM	1115400.000	72.984	17.982	166.352
28166.623	32526.803	20.477	22118.227	35.503
1.014	14.800			
12/14/2015 9:55:00 AM	1115700.000	72.968	17.981	166.316
28184.303	32547.473	20.492	22132.283	35.481
1.014	14.800			
12/14/2015 10:00:00 AM	1116000.000	72.971	17.981	166.324
28166.938	32527.418	20.478	22118.645	35.503
1.014	14.799			
12/14/2015 10:05:00 AM	1116300.000	72.993	17.981	166.373
28174.242	32535.920	20.484	22124.426	35.493
1.014	14.797			
12/14/2015 10:10:00 AM	1116600.000	72.976	17.981	166.336
28161.426	32521.365	20.473	22114.531	35.510
1.014	14.795			
12/14/2015 10:15:00 AM	1116900.000	73.003	17.981	166.397
28174.527	32536.563	20.484	22124.865	35.493
1.014	14.793			
12/14/2015 10:20:00 AM	1117200.000	72.982	17.981	166.348

28174.041	32535.809	20.483	22124.352	35.494
1.014	14.795			
12/14/2015 10:25:00 AM	1117500.000	73.005	17.982	166.400
28161.600	32521.002	20.473	22114.283	35.509
1.014	14.797			
12/14/2015 10:30:00 AM	1117800.000	72.988	17.982	166.361
28175.350	32536.750	20.484	22124.990	35.492
1.014	14.798			
12/14/2015 10:35:00 AM	1118100.000	73.001	17.981	166.391
28166.191	32526.496	20.477	22118.020	35.504
1.014	14.799			
12/14/2015 10:40:00 AM	1118400.000	72.989	17.981	166.365
28173.693	32535.221	20.483	22123.953	35.494
1.014	14.800			
12/14/2015 10:45:00 AM	1118700.000	72.991	17.982	166.369
28163.396	32522.893	20.475	22115.568	35.507
1.014	14.800			
12/14/2015 10:50:00 AM	1119000.000	73.011	17.981	166.414
28175.795	32537.900	20.485	22125.773	35.491
1.014	14.798			
12/14/2015 10:55:00 AM	1119300.000	73.013	17.981	166.419
28176.725	32538.721	20.486	22126.332	35.490
1.014	14.795			
12/14/2015 11:00:00 AM	1119600.000	73.020	17.982	166.435
28170.930	32531.646	20.481	22121.521	35.498
1.014	14.793			
12/14/2015 11:05:00 AM	1119900.000	73.000	17.982	166.389
28167.930	32528.375	20.478	22119.295	35.501
1.014	14.792			
12/14/2015 11:10:00 AM	1120200.000	73.022	17.982	166.440
28154.701	32513.162	20.468	22108.951	35.518
1.014	14.791			
12/14/2015 11:15:00 AM	1120500.000	73.024	17.982	166.444
28180.967	32543.301	20.489	22129.445	35.485
1.014	14.791			
12/14/2015 11:20:00 AM	1120800.000	73.027	17.982	166.450
28166.129	32526.359	20.477	22117.926	35.504
1.014	14.792			
12/14/2015 11:25:00 AM	1121100.000	73.022	17.981	166.440
28166.959	32527.568	20.478	22118.748	35.503
1.014	14.793			
12/14/2015 11:30:00 AM	1121400.000	73.006	17.982	166.404
28169.438	32530.180	20.480	22120.523	35.499
1.014	14.794			
12/14/2015 11:35:00 AM	1121700.000	73.029	17.982	166.456
28162.250	32521.568	20.474	22114.668	35.509
1.014	14.792			
12/14/2015 11:40:00 AM	1122000.000	73.008	17.982	166.409
28165.244	32524.838	20.476	22116.893	35.505
1.014	14.791			
12/14/2015 11:45:00 AM	1122300.000	73.032	17.982	166.462
28174.885	32536.471	20.484	22124.801	35.493
1.014	14.790			
12/14/2015 11:50:00 AM	1122600.000	73.031	17.982	166.460
28176.668	32538.219	20.485	22125.990	35.490
1.014	14.788			
12/14/2015 11:55:00 AM	1122900.000	73.037	17.982	166.475
28166.904	32527.256	20.478	22118.535	35.503

1.014	14.786			
12/14/2015 12:00:00 PM	1123200.000	73.018	17.982	166.430
28152.211	32510.094	20.466	22106.865	35.521
1.014	14.785			
12/14/2015 12:05:00 PM	1123500.000	73.035	17.982	166.469
28163.117	32522.816	20.475	22115.518	35.507
1.014	14.785			
12/14/2015 12:10:00 PM	1123800.000	73.036	17.981	166.471
28172.529	32533.816	20.482	22122.998	35.496
1.014	14.785			
12/14/2015 12:15:00 PM	1124100.000	73.036	17.982	166.472
28157.918	32516.686	20.470	22111.348	35.514
1.014	14.786			
12/14/2015 12:20:00 PM	1124400.000	73.019	17.982	166.434
28172.039	32532.992	20.482	22122.438	35.496
1.014	14.783			
12/14/2015 12:25:00 PM	1124700.000	73.026	17.982	166.450
28167.047	32527.355	20.478	22118.604	35.502
1.014	14.781			
12/14/2015 12:30:00 PM	1125000.000	73.043	17.981	166.487
28166.383	32526.844	20.477	22118.256	35.503
1.014	14.779			
12/14/2015 12:35:00 PM	1125300.000	73.025	17.982	166.447
28174.043	32535.434	20.483	22124.096	35.494
1.014	14.778			
12/14/2015 12:40:00 PM	1125600.000	73.048	17.982	166.498
28161.986	32521.576	20.474	22114.674	35.509
1.014	14.777			
12/14/2015 12:45:00 PM	1125900.000	73.029	17.982	166.456
28175.895	32537.443	20.485	22125.461	35.491
1.014	14.776			
12/14/2015 12:50:00 PM	1126200.000	73.046	17.981	166.495
28170.723	32531.916	20.481	22121.703	35.498
1.014	14.776			
12/14/2015 12:55:00 PM	1126500.000	73.054	17.982	166.512
28175.479	32536.773	20.484	22125.008	35.492
1.014	14.775			
12/14/2015 1:00:00 PM	1126800.000	73.054	17.982	166.513
28181.137	32543.563	20.489	22129.623	35.485
1.014	14.774			
12/14/2015 1:05:00 PM	1127100.000	73.050	17.982	166.503
28166.537	32526.260	20.477	22117.859	35.503
1.014	14.776			
12/14/2015 1:10:00 PM	1127400.000	73.027	17.982	166.450
28175.400	32536.809	20.484	22125.031	35.492
1.014	14.779			
12/14/2015 1:15:00 PM	1127700.000	73.041	17.982	166.483
28172.049	32533.004	20.482	22122.443	35.496
1.014	14.782			
12/14/2015 1:20:00 PM	1128000.000	73.039	17.981	166.479
28168.234	32528.916	20.479	22119.666	35.501
1.014	14.783			
12/14/2015 1:25:00 PM	1128300.000	73.039	17.982	166.478
28180.504	32542.832	20.488	22129.127	35.486
1.014	14.784			
12/14/2015 1:30:00 PM	1128600.000	73.039	17.982	166.479
28179.014	32541.238	20.487	22128.045	35.487
1.014	14.786			

12/14/2015 1:35:00 PM	1128900.000	73.039	17.982	166.479
28178.732	32540.721	20.487	22127.691	35.488
1.014	14.783			
12/14/2015 1:40:00 PM	1129200.000	73.019	17.982	166.432
28173.133	32534.064	20.482	22123.166	35.495
1.014	14.780			
12/14/2015 1:45:00 PM	1129500.000	73.028	17.982	166.454
28166.383	32526.342	20.477	22117.912	35.503
1.014	14.777			
12/14/2015 1:50:00 PM	1129800.000	73.025	17.982	166.445
28177.584	32539.523	20.486	22126.879	35.489
1.014	14.777			
12/14/2015 1:55:00 PM	1130100.000	73.042	17.981	166.485
28176.492	32538.393	20.485	22126.107	35.491
1.014	14.777			
12/14/2015 2:00:00 PM	1130400.000	73.041	17.982	166.482
28172.029	32533.045	20.482	22122.471	35.496
1.014	14.776			
12/14/2015 2:05:00 PM	1130700.000	73.040	17.982	166.480
28161.479	32520.732	20.473	22114.100	35.509
1.014	14.778			
12/14/2015 2:10:00 PM	1131000.000	73.037	17.982	166.473
28175.432	32537.037	20.484	22125.188	35.492
1.014	14.780			
12/14/2015 2:15:00 PM	1131300.000	73.015	17.982	166.423
28172.775	32533.842	20.482	22123.012	35.495
1.014	14.782			
12/14/2015 2:20:00 PM	1131600.000	73.013	17.982	166.420
28169.299	32529.709	20.479	22120.205	35.500
1.014	14.780			
12/14/2015 2:25:00 PM	1131900.000	73.037	17.982	166.474
28168.637	32528.943	20.479	22119.682	35.500
1.014	14.778			
12/14/2015 2:30:00 PM	1132200.000	73.032	17.982	166.463
28167.588	32527.605	20.478	22118.773	35.502
1.014	14.777			
12/14/2015 2:35:00 PM	1132500.000	73.028	17.982	166.453
28176.309	32537.988	20.485	22125.834	35.491
1.014	14.780			
12/14/2015 2:40:00 PM	1132800.000	73.025	17.982	166.447
28173.857	32535.285	20.483	22123.994	35.494
1.014	14.783			
12/14/2015 2:45:00 PM	1133100.000	72.998	17.982	166.384
28172.996	32534.289	20.482	22123.318	35.495
1.014	14.786			
12/14/2015 2:50:00 PM	1133400.000	73.023	17.982	166.441
28164.537	32524.395	20.476	22116.588	35.506
1.014	14.785			
12/14/2015 2:55:00 PM	1133700.000	72.999	17.982	166.388
28161.277	32520.758	20.473	22114.117	35.510
1.014	14.783			
12/14/2015 3:00:00 PM	1134000.000	73.019	17.982	166.432
28171.693	32532.658	20.481	22122.207	35.497
1.014	14.782			
12/14/2015 3:05:00 PM	1134300.000	72.995	17.982	166.378
28173.443	32534.678	20.483	22123.582	35.494
1.014	14.782			
12/14/2015 3:10:00 PM	1134600.000	73.010	17.981	166.413

28185.920	32549.340	20.493	22133.553	35.479
1.014	14.782			
12/14/2015 3:15:00 PM	1134900.000	72.988	17.981	166.361
28177.086	32539.324	20.486	22126.742	35.490
1.014	14.782			
12/14/2015 3:20:00 PM	1135200.000	72.989	17.982	166.364
28166.363	32526.564	20.477	22118.064	35.503
1.014	14.780			
12/14/2015 3:25:00 PM	1135500.000	73.009	17.981	166.410
28164.680	32524.998	20.476	22116.998	35.505
1.014	14.779			
12/14/2015 3:30:00 PM	1135800.000	73.005	17.982	166.402
28161.160	32520.430	20.473	22113.893	35.510
1.014	14.777			
12/14/2015 3:35:00 PM	1136100.000	72.986	17.982	166.358
28178.559	32540.648	20.487	22127.643	35.488
1.014	14.778			
12/14/2015 3:40:00 PM	1136400.000	73.000	17.982	166.389
28177.654	32539.477	20.486	22126.844	35.489
1.014	14.778			
12/14/2015 3:45:00 PM	1136700.000	72.998	17.982	166.384
28184.803	32547.797	20.492	22132.504	35.480
1.014	14.778			
12/14/2015 3:50:00 PM	1137000.000	72.990	17.982	166.368
28170.207	32531.068	20.480	22121.129	35.498
1.014	14.778			
12/14/2015 3:55:00 PM	1137300.000	72.987	17.982	166.361
28164.957	32524.941	20.476	22116.963	35.505
1.014	14.777			
12/14/2015 4:00:00 PM	1137600.000	72.988	17.981	166.362
28160.398	32519.867	20.472	22113.510	35.511
1.014	14.777			
12/14/2015 4:05:00 PM	1137900.000	72.987	17.982	166.360
28161.537	32521.057	20.473	22114.318	35.509
1.014	14.778			
12/14/2015 4:10:00 PM	1138200.000	72.978	17.981	166.340
28162.281	32522.041	20.474	22114.990	35.508
1.014	14.779			
12/14/2015 4:15:00 PM	1138500.000	72.978	17.982	166.340
28171.719	32532.688	20.481	22122.229	35.497
1.014	14.780			
12/14/2015 4:20:00 PM	1138800.000	72.975	17.981	166.333
28173.689	32535.217	20.483	22123.949	35.494
1.014	14.782			
12/14/2015 4:25:00 PM	1139100.000	72.969	17.982	166.318
28171.764	32532.738	20.481	22122.264	35.497
1.014	14.784			
12/14/2015 4:30:00 PM	1139400.000	72.968	17.981	166.317
28181.576	32544.389	20.489	22130.184	35.484
1.014	14.786			
12/14/2015 4:35:00 PM	1139700.000	72.962	17.981	166.302
28179.439	32541.795	20.488	22128.422	35.487
1.014	14.787			
12/14/2015 4:40:00 PM	1140000.000	72.938	17.981	166.248
28168.938	32529.980	20.479	22120.389	35.500
1.014	14.788			
12/14/2015 4:45:00 PM	1140300.000	72.930	17.981	166.230
28171.662	32532.814	20.481	22122.316	35.497

1.014	14.789			
12/14/2015 4:50:00 PM	1140600.000	72.952	17.981	166.280
28151.633	32509.930	20.466	22106.752	35.522
1.014	14.785			
12/14/2015 4:55:00 PM	1140900.000	72.950	17.981	166.275
28178.064	32540.521	20.487	22127.557	35.489
1.014	14.782			
12/14/2015 5:00:00 PM	1141200.000	72.948	17.981	166.271
28164.338	32524.416	20.476	22116.604	35.506
1.014	14.778			
12/14/2015 5:05:00 PM	1141500.000	72.943	17.982	166.260
28168.883	32529.412	20.479	22120.000	35.500
1.014	14.780			
12/14/2015 5:10:00 PM	1141800.000	72.936	17.982	166.243
28170.627	32531.488	20.481	22121.412	35.498
1.014	14.782			
12/14/2015 5:15:00 PM	1142100.000	72.928	17.982	166.227
28159.926	32519.068	20.472	22112.969	35.511
1.014	14.784			
12/14/2015 5:20:00 PM	1142400.000	72.928	17.981	166.227
28158.230	32517.428	20.471	22111.854	35.514
1.014	14.786			
12/14/2015 5:25:00 PM	1142700.000	72.916	17.981	166.198
28168.555	32529.227	20.479	22119.877	35.501
1.014	14.788			
12/14/2015 5:30:00 PM	1143000.000	72.919	17.981	166.205
28156.850	32515.955	20.470	22110.852	35.515
1.014	14.790			
12/14/2015 5:35:00 PM	1143300.000	72.916	17.981	166.198
28166.408	32526.873	20.477	22118.275	35.503
1.014	14.788			
12/14/2015 5:40:00 PM	1143600.000	72.894	17.981	166.148
28154.764	32513.299	20.468	22109.043	35.518
1.014	14.785			
12/14/2015 5:45:00 PM	1143900.000	72.910	17.982	166.185
28174.646	32536.195	20.484	22124.615	35.493
1.014	14.783			
12/14/2015 5:50:00 PM	1144200.000	72.914	17.981	166.194
28165.932	32526.197	20.477	22117.814	35.504
1.014	14.781			
12/14/2015 5:55:00 PM	1144500.000	72.890	17.981	166.139
28179.719	32542.365	20.488	22128.809	35.487
1.014	14.779			
12/14/2015 6:00:00 PM	1144800.000	72.912	17.981	166.189
28178.549	32541.014	20.487	22127.889	35.488
1.014	14.777			
12/14/2015 6:05:00 PM	1145100.000	72.885	17.981	166.129
28177.121	32539.432	20.486	22126.816	35.490
1.014	14.781			
12/14/2015 6:10:00 PM	1145400.000	72.877	17.981	166.109
28176.385	32538.268	20.485	22126.021	35.491
1.014	14.785			
12/14/2015 6:15:00 PM	1145700.000	72.870	17.981	166.094
28161.768	32521.514	20.474	22114.629	35.509
1.014	14.788			
12/14/2015 6:20:00 PM	1146000.000	72.869	17.981	166.091
28166.693	32527.137	20.478	22118.453	35.503
1.014	14.788			

12/14/2015 6:25:00 PM	1146300.000	72.864	17.981	166.081
28179.320	32542.029	20.488	22128.582	35.487
1.014	14.788			
12/14/2015 6:30:00 PM	1146600.000	72.863	17.981	166.077
28170.730	32532.178	20.481	22121.881	35.498
1.014	14.788			
12/14/2015 6:35:00 PM	1146900.000	72.857	17.981	166.063
28171.584	32532.971	20.482	22122.422	35.497
1.014	14.787			
12/14/2015 6:40:00 PM	1147200.000	72.873	17.981	166.099
28191.746	32556.320	20.498	22138.301	35.471
1.014	14.787			
12/14/2015 6:45:00 PM	1147500.000	72.877	17.981	166.108
28150.971	32509.166	20.465	22106.234	35.523
1.014	14.786			
12/14/2015 6:50:00 PM	1147800.000	72.854	17.981	166.057
28176.615	32538.660	20.485	22126.289	35.490
1.014	14.786			
12/14/2015 6:55:00 PM	1148100.000	72.872	17.981	166.098
28179.559	32542.246	20.488	22128.729	35.487
1.014	14.785			
12/14/2015 7:00:00 PM	1148400.000	72.850	17.982	166.048
28168.832	32529.416	20.479	22120.004	35.500
1.014	14.784			
12/14/2015 7:05:00 PM	1148700.000	72.840	17.981	166.025
28153.689	32512.498	20.467	22108.500	35.519
1.014	14.788			
12/14/2015 7:10:00 PM	1149000.000	72.838	17.981	166.020
28177.086	32539.264	20.486	22126.699	35.490
1.014	14.791			
12/14/2015 7:15:00 PM	1149300.000	72.851	17.981	166.049
28158.740	32517.953	20.471	22112.209	35.513
1.014	14.795			
12/14/2015 7:20:00 PM	1149600.000	72.830	17.981	166.002
28161.004	32520.820	20.473	22114.158	35.510
1.014	14.794			
12/14/2015 7:25:00 PM	1149900.000	72.849	17.981	166.045
28169.213	32530.172	20.480	22120.518	35.500
1.014	14.793			
12/14/2015 7:30:00 PM	1150200.000	72.851	17.981	166.051
28156.908	32516.273	20.470	22111.066	35.515
1.014	14.792			
12/14/2015 7:35:00 PM	1150500.000	72.826	17.981	165.993
28167.035	32527.842	20.478	22118.936	35.502
1.014	14.793			
12/14/2015 7:40:00 PM	1150800.000	72.844	17.981	166.034
28167.561	32528.203	20.478	22119.180	35.502
1.014	14.794			
12/14/2015 7:45:00 PM	1151100.000	72.842	17.981	166.030
28178.613	32541.154	20.487	22127.984	35.488
1.014	14.795			
12/14/2015 7:50:00 PM	1151400.000	72.822	17.981	165.985
28165.369	32526.107	20.477	22117.756	35.505
1.014	14.792			
12/14/2015 7:55:00 PM	1151700.000	72.840	17.981	166.025
28171.123	32532.191	20.481	22121.891	35.497
1.014	14.790			
12/14/2015 8:00:00 PM	1152000.000	72.820	17.981	165.979

28171.799	32533.098	20.482	22122.508	35.496
1.014	14.788			
12/14/2015 8:05:00 PM	1152300.000	72.821	17.981	165.982
28172.664	32534.156	20.482	22123.229	35.495
1.014	14.789			
12/14/2015 8:10:00 PM	1152600.000	72.834	17.981	166.010
28175.070	32537.189	20.484	22125.289	35.492
1.014	14.790			
12/14/2015 8:15:00 PM	1152900.000	72.812	17.981	165.960
28161.426	32521.119	20.473	22114.363	35.510
1.014	14.791			
12/14/2015 8:20:00 PM	1153200.000	72.835	17.981	166.014
28166.107	32526.646	20.477	22118.121	35.504
1.014	14.791			
12/14/2015 8:25:00 PM	1153500.000	72.834	17.981	166.011
28157.631	32517.049	20.471	22111.596	35.514
1.014	14.790			
12/14/2015 8:30:00 PM	1153800.000	72.809	17.981	165.954
28175.047	32537.162	20.484	22125.271	35.492
1.014	14.790			
12/14/2015 8:35:00 PM	1154100.000	72.828	17.981	165.998
28171.309	32532.777	20.481	22122.289	35.497
1.014	14.791			
12/14/2015 8:40:00 PM	1154400.000	72.825	17.981	165.991
28168.945	32529.863	20.479	22120.309	35.500
1.014	14.791			
12/14/2015 8:45:00 PM	1154700.000	72.820	17.981	165.979
28178.432	32541.316	20.487	22128.098	35.488
1.014	14.792			
12/14/2015 8:50:00 PM	1155000.000	72.824	17.981	165.989
28158.021	32517.375	20.471	22111.816	35.514
1.014	14.791			
12/14/2015 8:55:00 PM	1155300.000	72.823	17.981	165.985
28184.162	32547.496	20.492	22132.297	35.481
1.014	14.789			
12/14/2015 9:00:00 PM	1155600.000	72.804	17.981	165.943
28172.510	32534.164	20.482	22123.234	35.496
1.014	14.788			
12/14/2015 9:05:00 PM	1155900.000	72.806	17.981	165.948
28166.398	32526.982	20.477	22118.350	35.503
1.014	14.786			
12/14/2015 9:10:00 PM	1156200.000	72.807	17.982	165.949
28166.379	32526.648	20.477	22118.123	35.503
1.014	14.784			
12/14/2015 9:15:00 PM	1156500.000	72.829	17.981	165.999
28167.670	32528.576	20.478	22119.432	35.502
1.014	14.783			
12/14/2015 9:20:00 PM	1156800.000	72.807	17.981	165.950
28171.418	32532.904	20.481	22122.375	35.497
1.014	14.783			
12/14/2015 9:25:00 PM	1157100.000	72.812	17.981	165.960
28174.826	32536.840	20.484	22125.051	35.493
1.014	14.783			
12/14/2015 9:30:00 PM	1157400.000	72.807	17.981	165.950
28149.150	32506.879	20.463	22104.680	35.525
1.014	14.783			
12/14/2015 9:35:00 PM	1157700.000	72.826	17.981	165.994
28182.488	32545.814	20.490	22131.154	35.483

1.014	14.783			
12/14/2015 9:40:00 PM	1158000.000	72.825	17.981	165.990
28174.152	32536.188	20.484	22124.609	35.494
1.014	14.783			
12/14/2015 9:45:00 PM	1158300.000	72.828	17.982	165.998
28162.727	32522.365	20.474	22115.209	35.508
1.014	14.783			
12/14/2015 9:50:00 PM	1158600.000	72.832	17.981	166.007
28173.703	32535.297	20.483	22124.002	35.494
1.014	14.783			
12/14/2015 9:55:00 PM	1158900.000	72.828	17.981	165.997
28170.371	32531.449	20.480	22121.385	35.498
1.014	14.784			
12/14/2015 10:00:00 PM	1159200.000	72.812	17.981	165.961
28160.260	32519.961	20.473	22113.574	35.511
1.014	14.784			
12/14/2015 10:05:00 PM	1159500.000	72.833	17.981	166.009
28169.846	32530.842	20.480	22120.973	35.499
1.014	14.784			
12/14/2015 10:10:00 PM	1159800.000	72.828	17.981	165.997
28182.424	32545.871	20.490	22131.195	35.483
1.014	14.784			
12/14/2015 10:15:00 PM	1160100.000	72.813	17.981	165.962
28174.590	32536.508	20.484	22124.826	35.493
1.014	14.784			
12/14/2015 10:20:00 PM	1160400.000	72.831	17.981	166.005
28168.979	32530.213	20.480	22120.547	35.500
1.014	14.783			
12/14/2015 10:25:00 PM	1160700.000	72.838	17.981	166.019
28163.756	32524.313	20.476	22116.535	35.507
1.014	14.781			
12/14/2015 10:30:00 PM	1161000.000	72.839	17.981	166.022
28166.195	32527.061	20.477	22118.402	35.504
1.014	14.780			
12/14/2015 10:35:00 PM	1161300.000	72.838	17.981	166.021
28164.799	32525.518	20.476	22117.354	35.505
1.014	14.780			
12/14/2015 10:40:00 PM	1161600.000	72.840	17.981	166.025
28169.145	32530.279	20.480	22120.590	35.500
1.014	14.781			
12/14/2015 10:45:00 PM	1161900.000	72.845	17.981	166.036
28175.072	32536.938	20.484	22125.119	35.492
1.014	14.781			
12/14/2015 10:50:00 PM	1162200.000	72.826	17.981	165.994
28174.588	32536.506	20.484	22124.824	35.493
1.014	14.781			
12/14/2015 10:55:00 PM	1162500.000	72.848	17.981	166.042
28179.871	32542.607	20.488	22128.973	35.486
1.014	14.781			
12/14/2015 11:00:00 PM	1162800.000	72.828	17.981	165.999
28180.434	32543.258	20.489	22129.418	35.486
1.014	14.781			
12/14/2015 11:05:00 PM	1163100.000	72.851	17.981	166.049
28171.670	32533.195	20.482	22122.574	35.497
1.014	14.782			
12/14/2015 11:10:00 PM	1163400.000	72.849	17.981	166.045
28173.229	32534.869	20.483	22123.713	35.495
1.014	14.784			

12/14/2015 11:15:00 PM	1163700.000	72.848	17.981	166.042
28173.801	32535.844	20.484	22124.375	35.494
1.014	14.785			
12/14/2015 11:20:00 PM	1164000.000	72.835	17.981	166.014
28160.594	32520.094	20.473	22113.664	35.511
1.014	14.782			
12/14/2015 11:25:00 PM	1164300.000	72.858	17.981	166.065
28162.221	32521.971	20.474	22114.941	35.509
1.014	14.780			
12/14/2015 11:30:00 PM	1164600.000	72.864	17.981	166.080
28180.443	32543.141	20.489	22129.338	35.486
1.014	14.777			
12/14/2015 11:35:00 PM	1164900.000	72.866	17.981	166.084
28153.357	32511.922	20.467	22108.109	35.520
1.014	14.778			
12/14/2015 11:40:00 PM	1165200.000	72.866	17.981	166.085
28172.541	32534.389	20.483	22123.387	35.496
1.014	14.779			
12/14/2015 11:45:00 PM	1165500.000	72.846	17.981	166.038
28166.074	32526.857	20.477	22118.266	35.504
1.014	14.780			
12/14/2015 11:50:00 PM	1165800.000	72.844	17.981	166.033
28171.117	32532.246	20.481	22121.930	35.497
1.014	14.779			
12/14/2015 11:55:00 PM	1166100.000	72.852	17.981	166.052
28172.781	32534.420	20.483	22123.408	35.495
1.014	14.777			
12/15/2015 12:00:00 AM	1166400.000	72.872	17.981	166.099
28162.756	32522.775	20.474	22115.490	35.508
1.014	14.776			
12/15/2015 12:05:00 AM	1166700.000	72.859	17.981	166.069
28177.516	32539.635	20.486	22126.953	35.489
1.014	14.775			
12/15/2015 12:10:00 AM	1167000.000	72.860	17.981	166.069
28164.221	32524.592	20.476	22116.725	35.506
1.014	14.774			
12/15/2015 12:15:00 AM	1167300.000	72.885	17.981	166.127
28169.889	32531.395	20.480	22121.350	35.499
1.014	14.773			
12/15/2015 12:20:00 AM	1167600.000	72.886	17.981	166.130
28176.115	32538.018	20.485	22125.854	35.491
1.014	14.774			
12/15/2015 12:25:00 AM	1167900.000	72.884	17.981	166.124
28155.322	32514.441	20.469	22109.822	35.517
1.014	14.776			
12/15/2015 12:30:00 AM	1168200.000	72.863	17.982	166.077
28151.996	32510.039	20.466	22106.826	35.521
1.014	14.777			
12/15/2015 12:35:00 AM	1168500.000	72.887	17.981	166.131
28175.262	32537.410	20.485	22125.441	35.492
1.014	14.776			
12/15/2015 12:40:00 AM	1168800.000	72.869	17.980	166.092
28168.193	32529.564	20.479	22120.104	35.501
1.014	14.774			
12/15/2015 12:45:00 AM	1169100.000	72.896	17.981	166.152
28166.818	32527.717	20.478	22118.850	35.503
1.014	14.773			
12/15/2015 12:50:00 AM	1169400.000	72.896	17.981	166.153

28162.604	32522.666	20.474	22115.416	35.508
1.014	14.773			
12/15/2015 12:55:00 AM	1169700.000	72.896	17.981	166.152
28185.188	32548.873	20.493	22133.236	35.480
1.014	14.774			
12/15/2015 1:00:00 AM	1170000.000	72.878	17.981	166.111
28175.729	32537.883	20.485	22125.762	35.492
1.014	14.775			
12/15/2015 1:05:00 AM	1170300.000	72.883	17.981	166.123
28155.709	32514.764	20.469	22110.041	35.517
1.014	14.774			
12/15/2015 1:10:00 AM	1170600.000	72.902	17.981	166.165
28171.111	32532.424	20.481	22122.049	35.497
1.014	14.774			
12/15/2015 1:15:00 AM	1170900.000	72.907	17.981	166.177
28180.111	32542.758	20.488	22129.078	35.486
1.014	14.773			
12/15/2015 1:20:00 AM	1171200.000	72.892	17.981	166.143
28174.109	32535.641	20.483	22124.236	35.494
1.014	14.774			
12/15/2015 1:25:00 AM	1171500.000	72.889	17.981	166.137
28167.012	32528.004	20.478	22119.043	35.503
1.014	14.775			
12/15/2015 1:30:00 AM	1171800.000	72.906	17.981	166.176
28181.020	32543.934	20.489	22129.875	35.485
1.014	14.776			
12/15/2015 1:35:00 AM	1172100.000	72.911	17.981	166.186
28166.588	32527.201	20.478	22118.498	35.503
1.014	14.776			
12/15/2015 1:40:00 AM	1172400.000	72.891	17.981	166.141
28171.281	32532.436	20.481	22122.057	35.497
1.014	14.776			
12/15/2015 1:45:00 AM	1172700.000	72.919	17.981	166.204
28155.889	32514.600	20.469	22109.928	35.517
1.014	14.775			
12/15/2015 1:50:00 AM	1173000.000	72.921	17.981	166.209
28160.033	32519.570	20.472	22113.311	35.511
1.014	14.774			
12/15/2015 1:55:00 AM	1173300.000	72.922	17.981	166.212
28170.027	32531.172	20.480	22121.199	35.499
1.014	14.772			
12/15/2015 2:00:00 AM	1173600.000	72.906	17.981	166.176
28165.979	32526.250	20.477	22117.852	35.504
1.014	14.771			
12/15/2015 2:05:00 AM	1173900.000	72.909	17.981	166.182
28158.500	32517.861	20.471	22112.148	35.513
1.014	14.772			
12/15/2015 2:10:00 AM	1174200.000	72.902	17.981	166.165
28164.305	32524.564	20.476	22116.705	35.506
1.014	14.773			
12/15/2015 2:15:00 AM	1174500.000	72.911	17.981	166.186
28171.086	32532.646	20.481	22122.199	35.497
1.014	14.775			
12/15/2015 2:20:00 AM	1174800.000	72.926	17.981	166.222
28152.613	32511.188	20.466	22107.609	35.521
1.014	14.776			
12/15/2015 2:25:00 AM	1175100.000	72.930	17.981	166.230
28166.568	32527.617	20.478	22118.779	35.503

1.014	14.777			
12/15/2015 2:30:00 AM	1175400.000	72.926	17.981	166.220
28169.414	32530.465	20.480	22120.719	35.499
1.014	14.779			
12/15/2015 2:35:00 AM	1175700.000	72.912	17.981	166.190
28161.371	32521.244	20.473	22114.447	35.510
1.014	14.779			
12/15/2015 2:40:00 AM	1176000.000	72.932	17.981	166.234
28164.057	32524.277	20.476	22116.510	35.506
1.014	14.779			
12/15/2015 2:45:00 AM	1176300.000	72.934	17.981	166.238
28176.133	32538.416	20.485	22126.123	35.491
1.014	14.780			
12/15/2015 2:50:00 AM	1176600.000	72.934	17.981	166.240
28160.740	32520.326	20.473	22113.822	35.510
1.014	14.780			
12/15/2015 2:55:00 AM	1176900.000	72.932	17.981	166.235
28158.832	32518.123	20.471	22112.326	35.513
1.014	14.781			
12/15/2015 3:00:00 AM	1177200.000	72.935	17.981	166.241
28186.264	32550.049	20.493	22134.035	35.478
1.014	14.782			
12/15/2015 3:05:00 AM	1177500.000	72.915	17.981	166.196
28165.201	32525.479	20.476	22117.326	35.505
1.014	14.782			
12/15/2015 3:10:00 AM	1177800.000	72.939	17.981	166.250
28169.984	32531.123	20.480	22121.164	35.499
1.014	14.783			
12/15/2015 3:15:00 AM	1178100.000	72.918	17.981	166.203
28163.445	32523.697	20.475	22116.115	35.507
1.014	14.783			
12/15/2015 3:20:00 AM	1178400.000	72.923	17.981	166.214
28171.768	32532.996	20.482	22122.438	35.497
1.014	14.783			
12/15/2015 3:25:00 AM	1178700.000	72.939	17.981	166.251
28174.396	32536.344	20.484	22124.715	35.493
1.014	14.782			
12/15/2015 3:30:00 AM	1179000.000	72.920	17.981	166.208
28166.896	32527.557	20.478	22118.740	35.503
1.014	14.782			
12/15/2015 3:35:00 AM	1179300.000	72.943	17.981	166.259
28169.689	32530.662	20.480	22120.852	35.499
1.014	14.784			
12/15/2015 3:40:00 AM	1179600.000	72.942	17.981	166.257
28176.764	32538.891	20.486	22126.445	35.490
1.014	14.786			
12/15/2015 3:45:00 AM	1179900.000	72.938	17.981	166.247
28167.309	32527.848	20.478	22118.938	35.502
1.014	14.789			
12/15/2015 3:50:00 AM	1180200.000	72.946	17.981	166.267
28176.334	32538.523	20.485	22126.195	35.491
1.014	14.786			
12/15/2015 3:55:00 AM	1180500.000	72.942	17.981	166.258
28162.328	32522.533	20.474	22115.324	35.508
1.014	14.783			
12/15/2015 4:00:00 AM	1180800.000	72.947	17.981	166.269
28177.785	32540.445	20.487	22127.504	35.489
1.014	14.780			

12/15/2015 4:05:00 AM	1181100.000	72.924	17.981	166.215
28164.740	32525.135	20.476	22117.092	35.505
1.014	14.784			
12/15/2015 4:10:00 AM	1181400.000	72.942	17.981	166.258
28163.371	32523.486	20.475	22115.973	35.507
1.014	14.788			
12/15/2015 4:15:00 AM	1181700.000	72.939	17.981	166.251
28152.572	32511.016	20.466	22107.490	35.521
1.014	14.791			
12/15/2015 4:20:00 AM	1182000.000	72.942	17.981	166.257
28165.041	32525.354	20.476	22117.240	35.505
1.014	14.790			
12/15/2015 4:25:00 AM	1182300.000	72.923	17.981	166.214
28165.805	32526.422	20.477	22117.967	35.504
1.014	14.788			
12/15/2015 4:30:00 AM	1182600.000	72.944	17.981	166.261
28174.531	32536.625	20.484	22124.904	35.493
1.014	14.786			
12/15/2015 4:35:00 AM	1182900.000	72.944	17.981	166.261
28162.184	32521.930	20.474	22114.914	35.509
1.014	14.788			
12/15/2015 4:40:00 AM	1183200.000	72.922	17.981	166.212
28165.434	32525.936	20.477	22117.637	35.505
1.014	14.790			
12/15/2015 4:45:00 AM	1183500.000	72.939	17.981	166.251
28171.172	32532.809	20.481	22122.313	35.497
1.014	14.792			
12/15/2015 4:50:00 AM	1183800.000	72.942	17.981	166.257
28166.779	32527.236	20.478	22118.523	35.503
1.014	14.791			
12/15/2015 4:55:00 AM	1184100.000	72.923	17.981	166.215
28165.531	32525.980	20.477	22117.666	35.504
1.014	14.790			
12/15/2015 5:00:00 AM	1184400.000	72.927	17.981	166.224
28177.125	32539.494	20.486	22126.855	35.490
1.014	14.788			
12/15/2015 5:05:00 AM	1184700.000	72.925	17.981	166.219
28179.539	32542.156	20.488	22128.668	35.487
1.014	14.789			
12/15/2015 5:10:00 AM	1185000.000	72.946	17.981	166.266
28174.275	32535.957	20.484	22124.453	35.493
1.014	14.789			
12/15/2015 5:15:00 AM	1185300.000	72.945	17.981	166.264
28189.326	32553.527	20.496	22136.400	35.474
1.014	14.790			
12/15/2015 5:20:00 AM	1185600.000	72.947	17.982	166.270
28178.686	32540.795	20.487	22127.740	35.488
1.014	14.790			
12/15/2015 5:25:00 AM	1185900.000	72.950	17.981	166.275
28151.438	32509.705	20.465	22106.600	35.522
1.014	14.790			
12/15/2015 5:30:00 AM	1186200.000	72.944	17.981	166.261
28181.746	32545.020	20.490	22130.615	35.484
1.014	14.790			
12/15/2015 5:35:00 AM	1186500.000	72.927	17.981	166.223
28164.633	32524.943	20.476	22116.963	35.506
1.014	14.789			
12/15/2015 5:40:00 AM	1186800.000	72.944	17.981	166.263

28176.619	32538.979	20.486	22126.506	35.490
1.014	14.788			
12/15/2015 5:45:00 AM	1187100.000	72.928	17.981	166.224
28179.057	32541.414	20.487	22128.162	35.487
1.014	14.787			
12/15/2015 5:50:00 AM	1187400.000	72.926	17.981	166.221
28185.105	32548.711	20.492	22133.123	35.480
1.014	14.791			
12/15/2015 5:55:00 AM	1187700.000	72.939	17.981	166.250
28163.445	32523.822	20.475	22116.199	35.507
1.014	14.794			
12/15/2015 6:00:00 AM	1188000.000	72.920	17.981	166.207
28155.744	32514.678	20.469	22109.982	35.517
1.014	14.798			
12/15/2015 6:05:00 AM	1188300.000	72.937	17.981	166.246
28182.570	32545.658	20.490	22131.049	35.483
1.014	14.798			
12/15/2015 6:10:00 AM	1188600.000	72.939	17.981	166.250
28165.314	32525.797	20.477	22117.545	35.505
1.014	14.797			
12/15/2015 6:15:00 AM	1188900.000	72.919	17.982	166.205
28171.871	32532.926	20.482	22122.391	35.496
1.014	14.797			
12/15/2015 6:20:00 AM	1189200.000	72.938	17.981	166.249
28169.512	32531.016	20.480	22121.094	35.499
1.014	14.798			
12/15/2015 6:25:00 AM	1189500.000	72.939	17.981	166.250
28166.416	32526.941	20.477	22118.320	35.503
1.014	14.799			
12/15/2015 6:30:00 AM	1189800.000	72.937	17.981	166.246
28170.639	32531.818	20.481	22121.637	35.498
1.014	14.800			
12/15/2015 6:35:00 AM	1190100.000	72.942	17.981	166.257
28171.615	32533.006	20.482	22122.443	35.497
1.014	14.797			
12/15/2015 6:40:00 AM	1190400.000	72.943	17.981	166.259
28151.350	32509.543	20.465	22106.490	35.522
1.014	14.794			
12/15/2015 6:45:00 AM	1190700.000	72.948	17.981	166.271
28161.275	32520.881	20.473	22114.201	35.510
1.014	14.791			
12/15/2015 6:50:00 AM	1191000.000	72.944	17.981	166.263
28175.174	32537.184	20.484	22125.285	35.492
1.014	14.795			
12/15/2015 6:55:00 AM	1191300.000	72.937	17.982	166.246
28163.811	32523.682	20.475	22116.104	35.507
1.014	14.799			
12/15/2015 7:00:00 AM	1191600.000	72.912	17.981	166.190
28158.320	32517.846	20.471	22112.135	35.513
1.014	14.803			
12/15/2015 7:05:00 AM	1191900.000	72.933	17.981	166.236
28179.912	32542.654	20.488	22129.008	35.486
1.014	14.802			
12/15/2015 7:10:00 AM	1192200.000	72.939	17.981	166.250
28178.279	32540.582	20.487	22127.596	35.488
1.014	14.801			
12/15/2015 7:15:00 AM	1192500.000	72.917	17.981	166.200
28156.385	32515.611	20.470	22110.617	35.516

1.014	14.800				
12/15/2015 7:20:00 AM	1192800.000	72.938	17.981	166.249	
28175.879	32537.744	20.485	22125.668	35.491	
1.014	14.800				
12/15/2015 7:25:00 AM	1193100.000	72.944	17.981	166.262	
28164.164	32524.652	20.476	22116.764	35.506	
1.014	14.800				
12/15/2015 7:30:00 AM	1193400.000	72.924	17.981	166.215	
28170.723	32532.289	20.481	22121.957	35.498	
1.014	14.799				
12/15/2015 7:35:00 AM	1193700.000	72.946	17.981	166.267	
28166.789	32527.625	20.478	22118.785	35.503	
1.014	14.800				
12/15/2015 7:40:00 AM	1194000.000	72.940	17.981	166.253	
28172.145	32533.686	20.482	22122.908	35.496	
1.014	14.802				
12/15/2015 7:45:00 AM	1194300.000	72.941	17.982	166.254	
28163.080	32522.838	20.475	22115.529	35.507	
1.014	14.803				
12/15/2015 7:50:00 AM	1194600.000	72.943	17.982	166.260	
28169.092	32529.781	20.479	22120.252	35.500	
1.014	14.804				
12/15/2015 7:55:00 AM	1194900.000	72.944	17.981	166.262	
28168.615	32529.482	20.479	22120.051	35.501	
1.014	14.805				
12/15/2015 8:00:00 AM	1195200.000	72.920	17.981	166.206	
28164.342	32524.674	20.476	22116.781	35.506	
1.014	14.806				
12/15/2015 8:05:00 AM	1195500.000	72.947	17.981	166.269	
28159.021	32518.656	20.472	22112.686	35.513	
1.014	14.806				
12/15/2015 8:10:00 AM	1195800.000	72.927	17.982	166.223	
28173.533	32534.910	20.483	22123.738	35.494	
1.014	14.805				
12/15/2015 8:15:00 AM	1196100.000	72.927	17.981	166.223	
28164.348	32524.807	20.476	22116.871	35.506	
1.014	14.804				
12/15/2015 8:20:00 AM	1196400.000	72.941	17.982	166.255	
28167.572	32527.961	20.478	22119.016	35.502	
1.014	14.805				
12/15/2015 8:25:00 AM	1196700.000	72.948	17.981	166.271	
28173.166	32534.922	20.483	22123.748	35.495	
1.014	14.805				
12/15/2015 8:30:00 AM	1197000.000	72.945	17.981	166.265	
28177.086	32539.449	20.486	22126.828	35.490	
1.014	14.805				
12/15/2015 8:35:00 AM	1197300.000	72.943	17.981	166.260	
28169.086	32530.277	20.480	22120.588	35.500	
1.014	14.808				
12/15/2015 8:40:00 AM	1197600.000	72.925	17.981	166.219	
28167.932	32528.820	20.479	22119.598	35.501	
1.014	14.810				
12/15/2015 8:45:00 AM	1197900.000	72.941	17.981	166.255	
28176.109	32538.076	20.485	22125.895	35.491	
1.014	14.813				
12/15/2015 8:50:00 AM	1198200.000	72.947	17.981	166.269	
28162.047	32521.896	20.474	22114.891	35.509	
1.014	14.812				

12/15/2015 8:55:00 AM	1198500.000	72.946	17.981	166.266
28168.137	32529.057	20.479	22119.758	35.501
1.014	14.811			
12/15/2015 9:00:00 AM	1198800.000	72.927	17.981	166.224
28181.549	32544.291	20.489	22130.117	35.484
1.014	14.810			
12/15/2015 9:05:00 AM	1199100.000	72.948	17.981	166.271
28163.090	32523.162	20.475	22115.752	35.507
1.014	14.810			
12/15/2015 9:10:00 AM	1199400.000	72.951	17.981	166.278
28170.000	32531.209	20.480	22121.223	35.499
1.014	14.811			
12/15/2015 9:15:00 AM	1199700.000	72.954	17.981	166.285
28184.752	32548.178	20.492	22132.764	35.480
1.014	14.812			
12/15/2015 9:20:00 AM	1200000.000	72.932	17.981	166.233
28177.215	32539.473	20.486	22126.842	35.490
1.014	14.814			
12/15/2015 9:25:00 AM	1200300.000	72.953	17.981	166.282
28156.006	32514.980	20.469	22110.189	35.516
1.014	14.816			
12/15/2015 9:30:00 AM	1200600.000	72.950	17.981	166.276
28172.719	32534.160	20.482	22123.230	35.495
1.014	14.819			
12/15/2015 9:35:00 AM	1200900.000	72.936	17.981	166.243
28179.018	32541.994	20.488	22128.557	35.487
1.014	14.817			
12/15/2015 9:40:00 AM	1201200.000	72.937	17.981	166.246
28174.861	32536.756	20.484	22124.994	35.493
1.014	14.815			
12/15/2015 9:45:00 AM	1201500.000	72.965	17.981	166.309
28171.342	32532.631	20.481	22122.191	35.497
1.014	14.813			
12/15/2015 9:50:00 AM	1201800.000	72.942	17.981	166.257
28172.289	32533.785	20.482	22122.977	35.496
1.014	14.814			
12/15/2015 9:55:00 AM	1202100.000	72.966	17.981	166.313
28172.752	32534.512	20.483	22123.471	35.495
1.014	14.814			
12/15/2015 10:00:00 AM	1202400.000	72.947	17.981	166.269
28157.430	32516.691	20.470	22111.352	35.515
1.014	14.815			
12/15/2015 10:05:00 AM	1202700.000	72.972	17.981	166.325
28173.523	32535.150	20.483	22123.902	35.494
1.014	14.813			
12/15/2015 10:10:00 AM	1203000.000	72.956	17.981	166.289
28163.588	32523.615	20.475	22116.061	35.507
1.014	14.810			
12/15/2015 10:15:00 AM	1203300.000	72.979	17.981	166.341
28188.439	32552.250	20.495	22135.531	35.476
1.014	14.808			
12/15/2015 10:20:00 AM	1203600.000	72.961	17.981	166.300
28175.955	32537.832	20.485	22125.727	35.491
1.014	14.811			
12/15/2015 10:25:00 AM	1203900.000	72.980	17.981	166.343
28161.793	32521.789	20.474	22114.816	35.509
1.014	14.813			
12/15/2015 10:30:00 AM	1204200.000	72.956	17.981	166.290

28167.309	32528.158	20.478	22119.150	35.502
1.014	14.816			
12/15/2015 10:35:00 AM	1204500.000	72.960	17.981	166.298
28173.172	32534.996	20.483	22123.799	35.495
1.014	14.813			
12/15/2015 10:40:00 AM	1204800.000	72.983	17.981	166.351
28173.045	32534.908	20.483	22123.738	35.495
1.014	14.809			
12/15/2015 10:45:00 AM	1205100.000	72.975	17.981	166.333
28184.963	32548.613	20.492	22133.059	35.480
1.014	14.805			
12/15/2015 10:50:00 AM	1205400.000	72.969	17.982	166.320
28174.930	32536.395	20.484	22124.748	35.493
1.014	14.809			
12/15/2015 10:55:00 AM	1205700.000	72.984	17.982	166.353
28177.432	32539.348	20.486	22126.756	35.489
1.014	14.812			
12/15/2015 11:00:00 AM	1206000.000	72.987	17.981	166.360
28169.064	32530.127	20.480	22120.486	35.500
1.014	14.815			
12/15/2015 11:05:00 AM	1206300.000	72.990	17.981	166.367
28180.047	32542.557	20.488	22128.941	35.486
1.014	14.813			
12/15/2015 11:10:00 AM	1206600.000	72.990	17.981	166.367
28178.164	32540.322	20.487	22127.420	35.488
1.014	14.811			
12/15/2015 11:15:00 AM	1206900.000	72.974	17.982	166.329
28180.238	32542.652	20.488	22129.006	35.486
1.014	14.809			
12/15/2015 11:20:00 AM	1207200.000	72.997	17.981	166.382
28182.693	32545.678	20.490	22131.063	35.483
1.014	14.809			
12/15/2015 11:25:00 AM	1207500.000	72.996	17.981	166.381
28154.012	32512.557	20.467	22108.539	35.519
1.014	14.808			
12/15/2015 11:30:00 AM	1207800.000	72.999	17.981	166.388
28168.227	32529.219	20.479	22119.871	35.501
1.014	14.807			
12/15/2015 11:35:00 AM	1208100.000	73.004	17.981	166.399
28162.170	32521.912	20.474	22114.900	35.509
1.014	14.805			
12/15/2015 11:40:00 AM	1208400.000	72.982	17.981	166.348
28168.766	32529.908	20.479	22120.338	35.500
1.014	14.804			
12/15/2015 11:45:00 AM	1208700.000	73.007	17.981	166.404
28157.131	32516.094	20.470	22110.945	35.515
1.014	14.802			
12/15/2015 11:50:00 AM	1209000.000	73.008	17.981	166.407
28178.924	32541.447	20.487	22128.186	35.488
1.014	14.800			
12/15/2015 11:55:00 AM	1209300.000	73.013	17.981	166.420
28162.322	32522.090	20.474	22115.023	35.508
1.014	14.798			
12/15/2015 12:00:00 PM	1209600.000	73.018	17.981	166.430
28160.475	32520.141	20.473	22113.697	35.511
1.014	14.796			
12/15/2015 12:05:00 PM	1209900.000	73.018	17.981	166.430
28166.008	32526.598	20.477	22118.088	35.504

1.014	14.797			
12/15/2015 12:10:00 PM	1210200.000	73.015	17.981	166.425
28165.260	32525.668	20.476	22117.457	35.505
1.014	14.798			
12/15/2015 12:15:00 PM	1210500.000	73.015	17.982	166.425
28177.029	32538.754	20.486	22126.354	35.490
1.014	14.799			
12/15/2015 12:20:00 PM	1210800.000	72.996	17.981	166.382
28159.691	32519.361	20.472	22113.166	35.512
1.014	14.800			
12/15/2015 12:25:00 PM	1211100.000	73.018	17.981	166.429
28170.182	32531.352	20.480	22121.318	35.499
1.014	14.801			
12/15/2015 12:30:00 PM	1211400.000	72.991	17.982	166.369
28174.025	32535.479	20.483	22124.127	35.494
1.014	14.802			
12/15/2015 12:35:00 PM	1211700.000	72.993	17.981	166.372
28168.889	32529.857	20.479	22120.305	35.500
1.014	14.801			
12/15/2015 12:40:00 PM	1212000.000	73.000	17.982	166.389
28173.379	32534.732	20.483	22123.621	35.494
1.014	14.801			
12/15/2015 12:45:00 PM	1212300.000	73.021	17.982	166.438
28173.914	32535.350	20.483	22124.039	35.494
1.014	14.801			
12/15/2015 12:50:00 PM	1212600.000	73.022	17.981	166.440
28175.895	32538.074	20.485	22125.891	35.491
1.014	14.800			
12/15/2015 12:55:00 PM	1212900.000	73.020	17.981	166.434
28177.838	32540.318	20.487	22127.416	35.489
1.014	14.799			
12/15/2015 1:00:00 PM	1213200.000	73.022	17.981	166.439
28164.734	32524.939	20.476	22116.961	35.505
1.014	14.798			
12/15/2015 1:05:00 PM	1213500.000	73.006	17.982	166.404
28155.678	32514.162	20.469	22109.633	35.517
1.014	14.796			
12/15/2015 1:10:00 PM	1213800.000	73.030	17.981	166.457
28171.824	32533.002	20.482	22122.441	35.496
1.014	14.794			
12/15/2015 1:15:00 PM	1214100.000	73.027	17.981	166.452
28171.334	32532.682	20.481	22122.225	35.497
1.014	14.791			
12/15/2015 1:20:00 PM	1214400.000	73.014	17.981	166.422
28170.252	32531.246	20.480	22121.248	35.498
1.014	14.793			
12/15/2015 1:25:00 PM	1214700.000	73.030	17.982	166.459
28161.902	32521.479	20.474	22114.607	35.509
1.014	14.795			
12/15/2015 1:30:00 PM	1215000.000	73.009	17.981	166.411
28183.215	32546.527	20.491	22131.639	35.482
1.014	14.796			
12/15/2015 1:35:00 PM	1215300.000	73.029	17.981	166.455
28167.221	32527.998	20.478	22119.039	35.502
1.014	14.795			
12/15/2015 1:40:00 PM	1215600.000	73.032	17.982	166.463
28161.479	32520.861	20.473	22114.188	35.509
1.014	14.794			

12/15/2015 1:45:00 PM	1215900.000	73.032	17.981	166.462
28184.951	32548.533	20.492	22133.004	35.480
1.014	14.793			
12/15/2015 1:50:00 PM	1216200.000	73.010	17.981	166.412
28157.857	32517.244	20.471	22111.727	35.514
1.014	14.792			
12/15/2015 1:55:00 PM	1216500.000	73.028	17.981	166.453
28171.662	32532.939	20.482	22122.400	35.497
1.014	14.792			
12/15/2015 2:00:00 PM	1216800.000	73.032	17.981	166.463
28175.803	32537.781	20.485	22125.691	35.491
1.014	14.791			
12/15/2015 2:05:00 PM	1217100.000	73.028	17.981	166.453
28177.986	32540.557	20.487	22127.578	35.489
1.014	14.792			
12/15/2015 2:10:00 PM	1217400.000	73.025	17.981	166.448
28181.100	32543.713	20.489	22129.727	35.485
1.014	14.793			
12/15/2015 2:15:00 PM	1217700.000	73.029	17.981	166.455
28175.867	32537.730	20.485	22125.658	35.491
1.014	14.795			
12/15/2015 2:20:00 PM	1218000.000	73.008	17.982	166.407
28156.035	32514.703	20.469	22109.998	35.516
1.014	14.792			
12/15/2015 2:25:00 PM	1218300.000	73.029	17.981	166.456
28170.471	32531.625	20.481	22121.508	35.498
1.014	14.789			
12/15/2015 2:30:00 PM	1218600.000	73.035	17.981	166.468
28176.563	32538.600	20.485	22126.250	35.490
1.014	14.786			
12/15/2015 2:35:00 PM	1218900.000	73.032	17.981	166.462
28168.219	32529.209	20.479	22119.863	35.501
1.014	14.787			
12/15/2015 2:40:00 PM	1219200.000	73.026	17.981	166.449
28159.713	32519.201	20.472	22113.059	35.512
1.014	14.788			
12/15/2015 2:45:00 PM	1219500.000	73.006	17.981	166.402
28171.389	32532.744	20.481	22122.268	35.497
1.014	14.789			
12/15/2015 2:50:00 PM	1219800.000	73.005	17.981	166.400
28174.131	32535.791	20.483	22124.338	35.494
1.014	14.790			
12/15/2015 2:55:00 PM	1220100.000	73.022	17.981	166.440
28162.250	32522.070	20.474	22115.010	35.509
1.014	14.791			
12/15/2015 3:00:00 PM	1220400.000	73.021	17.981	166.437
28175.777	32537.938	20.485	22125.797	35.491
1.014	14.792			
12/15/2015 3:05:00 PM	1220700.000	72.997	17.981	166.383
28172.930	32534.650	20.483	22123.564	35.495
1.014	14.793			
12/15/2015 3:10:00 PM	1221000.000	73.012	17.981	166.417
28158.059	32517.477	20.471	22111.885	35.514
1.014	14.794			
12/15/2015 3:15:00 PM	1221300.000	73.012	17.982	166.418
28164.969	32524.955	20.476	22116.971	35.505
1.014	14.795			
12/15/2015 3:20:00 PM	1221600.000	72.994	17.982	166.376

28168.082	32528.615	20.479	22119.459	35.501
1.014	14.794			
12/15/2015 3:25:00 PM	1221900.000	72.994	17.981	166.375
28170.080	32531.174	20.480	22121.201	35.499
1.014	14.793			
12/15/2015 3:30:00 PM	1222200.000	73.015	17.981	166.424
28177.545	32539.668	20.486	22126.977	35.489
1.014	14.793			
12/15/2015 3:35:00 PM	1222500.000	72.992	17.982	166.372
28175.117	32536.674	20.484	22124.939	35.492
1.014	14.792			
12/15/2015 3:40:00 PM	1222800.000	73.009	17.982	166.411
28155.504	32514.025	20.468	22109.539	35.517
1.014	14.792			
12/15/2015 3:45:00 PM	1223100.000	73.009	17.981	166.410
28173.967	32535.662	20.483	22124.250	35.494
1.014	14.792			
12/15/2015 3:50:00 PM	1223400.000	73.002	17.981	166.393
28181.648	32544.346	20.489	22130.158	35.484
1.014	14.793			
12/15/2015 3:55:00 PM	1223700.000	72.984	17.981	166.353
28171.154	32532.354	20.481	22122.002	35.497
1.014	14.795			
12/15/2015 4:00:00 PM	1224000.000	72.999	17.981	166.388
28169.330	32530.182	20.480	22120.525	35.500
1.014	14.797			
12/15/2015 4:05:00 PM	1224300.000	72.976	17.981	166.335
28170.445	32531.723	20.481	22121.572	35.498
1.014	14.794			
12/15/2015 4:10:00 PM	1224600.000	72.998	17.981	166.386
28164.826	32525.234	20.476	22117.160	35.505
1.014	14.791			
12/15/2015 4:15:00 PM	1224900.000	72.999	17.981	166.388
28183.633	32546.951	20.491	22131.930	35.482
1.014	14.789			
12/15/2015 4:20:00 PM	1225200.000	72.972	17.981	166.326
28151.516	32509.795	20.465	22106.660	35.522
1.014	14.794			
12/15/2015 4:25:00 PM	1225500.000	72.962	17.981	166.303
28164.906	32525.572	20.476	22117.391	35.505
1.014	14.798			
12/15/2015 4:30:00 PM	1225800.000	72.957	17.981	166.291
28164.898	32525.189	20.476	22117.131	35.505
1.014	14.803			
12/15/2015 4:35:00 PM	1226100.000	72.952	17.982	166.280
28157.176	32516.020	20.470	22110.893	35.515
1.014	14.801			
12/15/2015 4:40:00 PM	1226400.000	72.954	17.981	166.286
28165.961	32526.602	20.477	22118.092	35.504
1.014	14.798			
12/15/2015 4:45:00 PM	1226700.000	72.973	17.981	166.329
28170.447	32531.658	20.481	22121.529	35.498
1.014	14.796			
12/15/2015 4:50:00 PM	1227000.000	72.956	17.981	166.289
28169.871	32530.932	20.480	22121.035	35.499
1.014	14.796			
12/15/2015 4:55:00 PM	1227300.000	72.951	17.981	166.277
28162.750	32522.961	20.475	22115.613	35.508

1.014	14.796			
12/15/2015 5:00:00 PM	1227600.000	72.972	17.981	166.325
28186.660	32550.506	20.494	22134.344	35.478
1.014	14.796			
12/15/2015 5:05:00 PM	1227900.000	72.963	17.981	166.305
28175.318	32537.098	20.484	22125.227	35.492
1.014	14.798			
12/15/2015 5:10:00 PM	1228200.000	72.940	17.981	166.252
28168.371	32529.453	20.479	22120.029	35.501
1.014	14.800			
12/15/2015 5:15:00 PM	1228500.000	72.956	17.981	166.290
28161.666	32521.396	20.474	22114.551	35.509
1.014	14.802			
12/15/2015 5:20:00 PM	1228800.000	72.950	17.981	166.275
28171.658	32533.057	20.482	22122.480	35.497
1.014	14.803			
12/15/2015 5:25:00 PM	1229100.000	72.926	17.981	166.221
28165.697	32525.926	20.477	22117.631	35.504
1.014	14.805			
12/15/2015 5:30:00 PM	1229400.000	72.944	17.981	166.261
28164.816	32525.281	20.476	22117.193	35.505
1.014	14.806			
12/15/2015 5:35:00 PM	1229700.000	72.943	17.981	166.260
28162.408	32522.188	20.474	22115.090	35.508
1.014	14.806			
12/15/2015 5:40:00 PM	1230000.000	72.939	17.981	166.251
28156.865	32516.355	20.470	22111.123	35.515
1.014	14.806			
12/15/2015 5:45:00 PM	1230300.000	72.937	17.981	166.246
28159.443	32518.949	20.472	22112.887	35.512
1.014	14.807			
12/15/2015 5:50:00 PM	1230600.000	72.928	17.981	166.226
28177.146	32539.334	20.486	22126.750	35.490
1.014	14.811			
12/15/2015 5:55:00 PM	1230900.000	72.919	17.981	166.206
28164.182	32524.301	20.476	22116.525	35.506
1.014	14.816			
12/15/2015 6:00:00 PM	1231200.000	72.896	17.981	166.152
28180.215	32542.877	20.488	22129.158	35.486
1.014	14.820			
12/15/2015 6:05:00 PM	1231500.000	72.919	17.981	166.206
28170.898	32532.371	20.481	22122.014	35.498
1.014	14.817			
12/15/2015 6:10:00 PM	1231800.000	72.914	17.981	166.194
28170.984	32532.346	20.481	22121.998	35.498
1.014	14.815			
12/15/2015 6:15:00 PM	1232100.000	72.895	17.981	166.149
28158.842	32518.447	20.471	22112.547	35.513
1.014	14.812			
12/15/2015 6:20:00 PM	1232400.000	72.912	17.981	166.189
28174.004	32535.891	20.484	22124.406	35.494
1.014	14.811			
12/15/2015 6:25:00 PM	1232700.000	72.914	17.980	166.193
28156.758	32516.359	20.470	22111.125	35.515
1.014	14.811			
12/15/2015 6:30:00 PM	1233000.000	72.909	17.981	166.181
28166.051	32526.459	20.477	22117.992	35.504
1.014	14.810			

12/15/2015 6:35:00 PM	1233300.000	72.905	17.981	166.172
28167.332	32528.186	20.478	22119.168	35.502
1.014	14.811			
12/15/2015 6:40:00 PM	1233600.000	72.903	17.981	166.169
28153.611	32512.215	20.467	22108.307	35.519
1.014	14.812			
12/15/2015 6:45:00 PM	1233900.000	72.878	17.981	166.113
28156.881	32516.242	20.470	22111.045	35.515
1.014	14.812			
12/15/2015 6:50:00 PM	1234200.000	72.892	17.981	166.143
28170.070	32531.662	20.481	22121.533	35.499
1.014	14.813			
12/15/2015 6:55:00 PM	1234500.000	72.887	17.981	166.132
28183.689	32546.949	20.491	22131.928	35.482
1.014	14.814			
12/15/2015 7:00:00 PM	1234800.000	72.885	17.981	166.128
28154.516	32513.510	20.468	22109.188	35.518
1.014	14.814			
12/15/2015 7:05:00 PM	1235100.000	72.886	17.981	166.130
28174.160	32535.945	20.484	22124.445	35.494
1.014	14.817			
12/15/2015 7:10:00 PM	1235400.000	72.857	17.980	166.063
28165.291	32526.213	20.477	22117.824	35.505
1.014	14.819			
12/15/2015 7:15:00 PM	1235700.000	72.871	17.981	166.095
28163.900	32524.480	20.476	22116.648	35.506
1.014	14.821			
12/15/2015 7:20:00 PM	1236000.000	72.851	17.981	166.049
28170.779	32531.920	20.481	22121.705	35.498
1.014	14.821			
12/15/2015 7:25:00 PM	1236300.000	72.866	17.981	166.084
28158.512	32517.875	20.471	22112.156	35.513
1.014	14.821			
12/15/2015 7:30:00 PM	1236600.000	72.844	17.981	166.033
28177.654	32540.105	20.486	22127.271	35.489
1.014	14.821			
12/15/2015 7:35:00 PM	1236900.000	72.846	17.981	166.039
28169.709	32531.057	20.480	22121.121	35.499
1.014	14.821			
12/15/2015 7:40:00 PM	1237200.000	72.844	17.980	166.034
28161.639	32522.180	20.474	22115.084	35.509
1.014	14.820			
12/15/2015 7:45:00 PM	1237500.000	72.861	17.980	166.072
28163.744	32524.428	20.476	22116.611	35.507
1.014	14.820			
12/15/2015 7:50:00 PM	1237800.000	72.859	17.981	166.069
28160.102	32519.711	20.472	22113.404	35.511
1.014	14.819			
12/15/2015 7:55:00 PM	1238100.000	72.858	17.981	166.066
28168.613	32529.791	20.479	22120.258	35.501
1.014	14.817			
12/15/2015 8:00:00 PM	1238400.000	72.840	17.981	166.024
28164.068	32524.605	20.476	22116.734	35.506
1.014	14.816			
12/15/2015 8:05:00 PM	1238700.000	72.835	17.981	166.013
28162.170	32522.291	20.474	22115.160	35.509
1.014	14.819			
12/15/2015 8:10:00 PM	1239000.000	72.851	17.981	166.050

28157.707	32517.137	20.471	22111.654	35.514
1.014	14.822			
12/15/2015 8:15:00 PM	1239300.000	72.823	17.981	165.985
28165.850	32526.600	20.477	22118.090	35.504
1.014	14.825			
12/15/2015 8:20:00 PM	1239600.000	72.824	17.981	165.989
28183.236	32546.811	20.491	22131.834	35.482
1.014	14.825			
12/15/2015 8:25:00 PM	1239900.000	72.823	17.981	165.986
28163.871	32524.445	20.476	22116.625	35.506
1.014	14.826			
12/15/2015 8:30:00 PM	1240200.000	72.841	17.981	166.027
28166.721	32527.547	20.478	22118.734	35.503
1.014	14.826			
12/15/2015 8:35:00 PM	1240500.000	72.816	17.980	165.969
28190.680	32555.588	20.497	22137.803	35.473
1.014	14.829			
12/15/2015 8:40:00 PM	1240800.000	72.832	17.981	166.007
28166.346	32527.359	20.478	22118.607	35.503
1.014	14.832			
12/15/2015 8:45:00 PM	1241100.000	72.808	17.981	165.952
28168.436	32529.586	20.479	22120.121	35.501
1.014	14.834			
12/15/2015 8:50:00 PM	1241400.000	72.836	17.981	166.017
28178.930	32541.705	20.488	22128.361	35.488
1.014	14.832			
12/15/2015 8:55:00 PM	1241700.000	72.831	17.981	166.005
28175.061	32537.299	20.485	22125.365	35.492
1.014	14.830			
12/15/2015 9:00:00 PM	1242000.000	72.832	17.981	166.008
28165.178	32525.572	20.476	22117.391	35.505
1.014	14.828			
12/15/2015 9:05:00 PM	1242300.000	72.832	17.980	166.006
28173.844	32536.090	20.484	22124.543	35.494
1.014	14.828			
12/15/2015 9:10:00 PM	1242600.000	72.826	17.981	165.994
28169.174	32530.570	20.480	22120.789	35.500
1.014	14.829			
12/15/2015 9:15:00 PM	1242900.000	72.808	17.980	165.951
28169.918	32531.740	20.481	22121.586	35.499
1.014	14.829			
12/15/2015 9:20:00 PM	1243200.000	72.829	17.981	166.000
28180.754	32543.998	20.489	22129.920	35.485
1.014	14.829			
12/15/2015 9:25:00 PM	1243500.000	72.806	17.981	165.948
28167.912	32528.855	20.479	22119.621	35.501
1.014	14.829			
12/15/2015 9:30:00 PM	1243800.000	72.797	17.980	165.928
28159.160	32519.188	20.472	22113.049	35.512
1.014	14.829			
12/15/2015 9:35:00 PM	1244100.000	72.830	17.981	166.003
28176.873	32539.393	20.486	22126.789	35.490
1.014	14.829			
12/15/2015 9:40:00 PM	1244400.000	72.805	17.981	165.945
28161.418	32521.543	20.474	22114.650	35.510
1.014	14.828			
12/15/2015 9:45:00 PM	1244700.000	72.827	17.981	165.996
28170.109	32531.650	20.481	22121.525	35.499

1.014	14.828			
12/15/2015 9:50:00 PM	1245000.000	72.824	17.980	165.987
28175.686	32538.217	20.485	22125.990	35.492
1.014	14.830			
12/15/2015 9:55:00 PM	1245300.000	72.826	17.981	165.993
28165.998	32526.902	20.477	22118.293	35.504
1.014	14.832			
12/15/2015 10:00:00 PM	1245600.000	72.802	17.981	165.938
28179.873	32542.793	20.488	22129.102	35.486
1.014	14.834			
12/15/2015 10:05:00 PM	1245900.000	72.807	17.981	165.949
28178.379	32541.256	20.487	22128.055	35.488
1.014	14.835			
12/15/2015 10:10:00 PM	1246200.000	72.824	17.981	165.988
28166.449	32527.424	20.478	22118.650	35.503
1.014	14.836			
12/15/2015 10:15:00 PM	1246500.000	72.808	17.980	165.951
28161.389	32521.760	20.474	22114.797	35.510
1.014	14.836			
12/15/2015 10:20:00 PM	1246800.000	72.805	17.980	165.944
28153.959	32513.127	20.468	22108.928	35.519
1.014	14.836			
12/15/2015 10:25:00 PM	1247100.000	72.833	17.980	166.009
28167.607	32529.008	20.479	22119.727	35.502
1.014	14.836			
12/15/2015 10:30:00 PM	1247400.000	72.809	17.981	165.954
28164.596	32525.213	20.476	22117.146	35.506
1.014	14.835			
12/15/2015 10:35:00 PM	1247700.000	72.829	17.981	165.999
28174.855	32536.941	20.484	22125.121	35.493
1.014	14.835			
12/15/2015 10:40:00 PM	1248000.000	72.810	17.981	165.957
28170.383	32531.709	20.481	22121.563	35.498
1.014	14.836			
12/15/2015 10:45:00 PM	1248300.000	72.809	17.981	165.953
28160.422	32520.080	20.473	22113.654	35.511
1.014	14.836			
12/15/2015 10:50:00 PM	1248600.000	72.829	17.981	166.001
28177.510	32540.006	20.486	22127.207	35.489
1.014	14.836			
12/15/2015 10:55:00 PM	1248900.000	72.811	17.980	165.959
28165.961	32526.986	20.477	22118.354	35.504
1.014	14.835			
12/15/2015 11:00:00 PM	1249200.000	72.810	17.981	165.955
28174.736	32536.678	20.484	22124.943	35.493
1.014	14.835			
12/15/2015 11:05:00 PM	1249500.000	72.815	17.980	165.968
28176.055	32538.697	20.485	22126.316	35.491
1.014	14.835			
12/15/2015 11:10:00 PM	1249800.000	72.817	17.980	165.971
28168.121	32529.535	20.479	22120.084	35.501
1.014	14.836			
12/15/2015 11:15:00 PM	1250100.000	72.836	17.980	166.017
28173.533	32535.732	20.483	22124.301	35.494
1.014	14.836			
12/15/2015 11:20:00 PM	1250400.000	72.838	17.981	166.020
28172.568	32534.357	20.482	22123.363	35.496
1.014	14.835			

12/15/2015 11:25:00 PM	1250700.000	72.843	17.980	166.032
28183.475	32547.266	20.491	22132.141	35.482
1.014	14.834			
12/15/2015 11:30:00 PM	1251000.000	72.822	17.981	165.983
28166.914	32527.518	20.478	22118.713	35.503
1.014	14.833			
12/15/2015 11:35:00 PM	1251300.000	72.826	17.981	165.994
28169.291	32530.572	20.480	22120.791	35.500
1.014	14.833			
12/15/2015 11:40:00 PM	1251600.000	72.829	17.981	165.999
28175.471	32537.898	20.485	22125.773	35.492
1.014	14.834			
12/15/2015 11:45:00 PM	1251900.000	72.847	17.980	166.040
28192.441	32557.814	20.499	22139.314	35.471
1.014	14.834			
12/15/2015 11:50:00 PM	1252200.000	72.846	17.981	166.039
28151.729	32510.232	20.466	22106.961	35.522
1.014	14.836			
12/15/2015 11:55:00 PM	1252500.000	72.850	17.981	166.047
28163.816	32524.439	20.476	22116.621	35.507
1.014	14.838			
12/16/2015 12:00:00 AM	1252800.000	72.852	17.981	166.051
28149.361	32507.621	20.464	22105.184	35.525
1.014	14.840			
12/16/2015 12:05:00 AM	1253100.000	72.836	17.980	166.016
28176.389	32539.084	20.486	22126.580	35.491
1.014	14.839			
12/16/2015 12:10:00 AM	1253400.000	72.857	17.980	166.063
28162.074	32522.498	20.474	22115.299	35.509
1.014	14.837			
12/16/2015 12:15:00 AM	1253700.000	72.843	17.981	166.033
28177.594	32540.225	20.487	22127.354	35.489
1.014	14.835			
12/16/2015 12:20:00 AM	1254000.000	72.863	17.981	166.077
28186.299	32550.402	20.494	22134.275	35.478
1.014	14.834			
12/16/2015 12:25:00 AM	1254300.000	72.867	17.981	166.086
28177.877	32540.363	20.487	22127.449	35.489
1.014	14.833			
12/16/2015 12:30:00 AM	1254600.000	72.870	17.981	166.093
28143.578	32500.754	20.459	22100.516	35.532
1.014	14.832			
12/16/2015 12:35:00 AM	1254900.000	72.876	17.981	166.107
28168.486	32529.707	20.479	22120.203	35.501
1.014	14.833			
12/16/2015 12:40:00 AM	1255200.000	72.870	17.980	166.094
28179.363	32542.465	20.488	22128.877	35.487
1.014	14.833			
12/16/2015 12:45:00 AM	1255500.000	72.857	17.981	166.063
28171.090	32532.650	20.481	22122.203	35.497
1.014	14.834			
12/16/2015 12:50:00 AM	1255800.000	72.876	17.980	166.107
28178.764	32541.771	20.488	22128.404	35.488
1.014	14.833			
12/16/2015 12:55:00 AM	1256100.000	72.881	17.981	166.117
28170.895	32532.174	20.481	22121.879	35.498
1.014	14.833			
12/16/2015 1:00:00 AM	1256400.000	72.886	17.981	166.130

28177.303	32540.014	20.486	22127.211	35.490
1.014	14.832			
12/16/2015 1:05:00 AM	1256700.000	72.865	17.981	166.083
28175.701	32537.918	20.485	22125.785	35.492
1.014	14.832			
12/16/2015 1:10:00 AM	1257000.000	72.887	17.981	166.133
28169.213	32530.672	20.480	22120.859	35.500
1.014	14.833			
12/16/2015 1:15:00 AM	1257300.000	72.885	17.981	166.126
28170.049	32531.391	20.480	22121.348	35.499
1.014	14.833			
12/16/2015 1:20:00 AM	1257600.000	72.893	17.981	166.145
28172.941	32534.852	20.483	22123.701	35.495
1.014	14.833			
12/16/2015 1:25:00 AM	1257900.000	72.892	17.981	166.144
28167.762	32528.939	20.479	22119.680	35.502
1.014	14.833			
12/16/2015 1:30:00 AM	1258200.000	72.899	17.981	166.160
28177.564	32540.189	20.487	22127.328	35.489
1.014	14.832			
12/16/2015 1:35:00 AM	1258500.000	72.882	17.981	166.120
28172.391	32534.152	20.482	22123.227	35.496
1.014	14.832			
12/16/2015 1:40:00 AM	1258800.000	72.901	17.981	166.163
28150.795	32509.402	20.465	22106.396	35.523
1.014	14.833			
12/16/2015 1:45:00 AM	1259100.000	72.887	17.981	166.132
28168.975	32530.270	20.480	22120.584	35.500
1.014	14.833			
12/16/2015 1:50:00 AM	1259400.000	72.887	17.981	166.132
28154.342	32513.373	20.468	22109.094	35.519
1.014	14.833			
12/16/2015 1:55:00 AM	1259700.000	72.908	17.981	166.179
28177.328	32539.797	20.486	22127.064	35.490
1.014	14.834			
12/16/2015 2:00:00 AM	1260000.000	72.893	17.981	166.146
28158.066	32517.553	20.471	22111.938	35.514
1.014	14.834			
12/16/2015 2:05:00 AM	1260300.000	72.891	17.981	166.141
28179.041	32541.832	20.488	22128.447	35.487
1.014	14.835			
12/16/2015 2:10:00 AM	1260600.000	72.899	17.981	166.160
28170.100	32531.508	20.481	22121.428	35.499
1.014	14.836			
12/16/2015 2:15:00 AM	1260900.000	72.899	17.981	166.158
28164.838	32525.305	20.476	22117.209	35.505
1.014	14.836			
12/16/2015 2:20:00 AM	1261200.000	72.922	17.981	166.211
28163.883	32524.391	20.476	22116.586	35.506
1.014	14.837			
12/16/2015 2:25:00 AM	1261500.000	72.915	17.981	166.196
28161.609	32521.520	20.474	22114.633	35.509
1.014	14.838			
12/16/2015 2:30:00 AM	1261800.000	72.924	17.981	166.217
28178.221	32540.885	20.487	22127.805	35.488
1.014	14.839			
12/16/2015 2:35:00 AM	1262100.000	72.925	17.981	166.218
28189.355	32553.877	20.496	22136.639	35.474

1.014	14.839			
12/16/2015 2:40:00 AM	1262400.000	72.929	17.981	166.228
28165.834	32526.455	20.477	22117.990	35.504
1.014	14.840			
12/16/2015 2:45:00 AM	1262700.000	72.928	17.981	166.225
28170.477	32532.006	20.481	22121.766	35.498
1.014	14.840			
12/16/2015 2:50:00 AM	1263000.000	72.931	17.981	166.231
28157.053	32516.189	20.470	22111.012	35.515
1.014	14.839			
12/16/2015 2:55:00 AM	1263300.000	72.930	17.981	166.230
28175.145	32536.836	20.484	22125.049	35.492
1.014	14.838			
12/16/2015 3:00:00 AM	1263600.000	72.915	17.981	166.196
28176.605	32539.020	20.486	22126.533	35.490
1.014	14.838			
12/16/2015 3:05:00 AM	1263900.000	72.941	17.981	166.255
28168.338	32529.414	20.479	22120.002	35.501
1.014	14.839			
12/16/2015 3:10:00 AM	1264200.000	72.940	17.981	166.253
28165.260	32526.105	20.477	22117.752	35.505
1.014	14.840			
12/16/2015 3:15:00 AM	1264500.000	72.939	17.981	166.249
28152.070	32510.818	20.466	22107.359	35.521
1.014	14.840			
12/16/2015 3:20:00 AM	1264800.000	72.943	17.981	166.260
28171.584	32533.354	20.482	22122.680	35.497
1.014	14.840			
12/16/2015 3:25:00 AM	1265100.000	72.919	17.981	166.204
28174.275	32536.271	20.484	22124.664	35.493
1.014	14.839			
12/16/2015 3:30:00 AM	1265400.000	72.945	17.981	166.265
28168.869	32529.961	20.479	22120.375	35.500
1.014	14.839			
12/16/2015 3:35:00 AM	1265700.000	72.925	17.981	166.218
28162.945	32523.188	20.475	22115.768	35.508
1.014	14.839			
12/16/2015 3:40:00 AM	1266000.000	72.946	17.981	166.267
28171.965	32533.604	20.482	22122.852	35.496
1.014	14.839			
12/16/2015 3:45:00 AM	1266300.000	72.949	17.981	166.273
28171.113	32532.678	20.481	22122.221	35.497
1.014	14.839			
12/16/2015 3:50:00 AM	1266600.000	72.947	17.981	166.269
28177.725	32540.445	20.487	22127.504	35.489
1.014	14.839			
12/16/2015 3:55:00 AM	1266900.000	72.951	17.981	166.277
28177.063	32539.051	20.486	22126.557	35.490
1.014	14.839			
12/16/2015 4:00:00 AM	1267200.000	72.950	17.981	166.276
28174.061	32535.830	20.484	22124.367	35.494
1.014	14.838			
12/16/2015 4:05:00 AM	1267500.000	72.931	17.981	166.231
28170.564	32532.043	20.481	22121.789	35.498
1.014	14.839			
12/16/2015 4:10:00 AM	1267800.000	72.951	17.981	166.278
28168.354	32529.180	20.479	22119.842	35.501
1.014	14.840			

12/16/2015 4:15:00 AM	1268100.000	72.948	17.981	166.271
28161.520	32521.730	20.474	22114.779	35.509
1.014	14.841			
12/16/2015 4:20:00 AM	1268400.000	72.955	17.981	166.286
28165.893	32526.648	20.477	22118.123	35.504
1.014	14.840			
12/16/2015 4:25:00 AM	1268700.000	72.935	17.981	166.241
28184.951	32548.791	20.492	22133.180	35.480
1.014	14.838			
12/16/2015 4:30:00 AM	1269000.000	72.936	17.981	166.243
28164.285	32524.541	20.476	22116.688	35.506
1.014	14.837			
12/16/2015 4:35:00 AM	1269300.000	72.953	17.981	166.282
28161.969	32521.867	20.474	22114.869	35.509
1.014	14.836			
12/16/2015 4:40:00 AM	1269600.000	72.957	17.981	166.292
28156.332	32515.670	20.470	22110.656	35.516
1.014	14.835			
12/16/2015 4:45:00 AM	1269900.000	72.956	17.980	166.288
28168.398	32529.803	20.479	22120.266	35.501
1.014	14.834			
12/16/2015 4:50:00 AM	1270200.000	72.960	17.981	166.299
28164.732	32525.371	20.476	22117.252	35.505
1.014	14.833			
12/16/2015 4:55:00 AM	1270500.000	72.958	17.981	166.293
28164.641	32525.020	20.476	22117.014	35.506
1.014	14.833			
12/16/2015 5:00:00 AM	1270800.000	72.959	17.981	166.297
28180.973	32544.063	20.489	22129.965	35.485
1.014	14.833			
12/16/2015 5:05:00 AM	1271100.000	72.961	17.981	166.301
28168.352	32529.363	20.479	22119.969	35.501
1.014	14.832			
12/16/2015 5:10:00 AM	1271400.000	72.959	17.981	166.296
28172.459	32534.105	20.482	22123.191	35.496
1.014	14.832			
12/16/2015 5:15:00 AM	1271700.000	72.964	17.981	166.307
28153.559	32512.404	20.467	22108.438	35.519
1.014	14.832			
12/16/2015 5:20:00 AM	1272000.000	72.960	17.981	166.299
28179.943	32542.750	20.488	22129.072	35.486
1.014	14.832			
12/16/2015 5:25:00 AM	1272300.000	72.944	17.981	166.261
28170.352	32531.426	20.480	22121.371	35.498
1.014	14.831			
12/16/2015 5:30:00 AM	1272600.000	72.966	17.981	166.312
28156.016	32514.932	20.469	22110.154	35.516
1.014	14.831			
12/16/2015 5:35:00 AM	1272900.000	72.965	17.981	166.309
28182.521	32545.984	20.491	22131.271	35.483
1.014	14.834			
12/16/2015 5:40:00 AM	1273200.000	72.941	17.981	166.256
28173.996	32535.881	20.484	22124.398	35.494
1.014	14.836			
12/16/2015 5:45:00 AM	1273500.000	72.960	17.981	166.299
28177.584	32540.281	20.487	22127.393	35.489
1.014	14.839			
12/16/2015 5:50:00 AM	1273800.000	72.938	17.981	166.249

28185.443	32549.227	20.493	22133.477	35.479
1.014	14.837			
12/16/2015 5:55:00 AM	1274100.000	72.960	17.981	166.298
28172.334	32533.836	20.482	22123.008	35.496
1.014	14.836			
12/16/2015 6:00:00 AM	1274400.000	72.944	17.981	166.261
28167.510	32528.266	20.478	22119.223	35.502
1.014	14.834			
12/16/2015 6:05:00 AM	1274700.000	72.962	17.981	166.304
28168.789	32529.994	20.479	22120.398	35.500
1.014	14.835			
12/16/2015 6:10:00 AM	1275000.000	72.944	17.981	166.263
28171.746	32533.471	20.482	22122.762	35.497
1.014	14.835			
12/16/2015 6:15:00 AM	1275300.000	72.960	17.981	166.298
28193.180	32558.293	20.499	22139.639	35.470
1.014	14.836			
12/16/2015 6:20:00 AM	1275600.000	72.960	17.981	166.299
28180.350	32543.406	20.489	22129.516	35.486
1.014	14.837			
12/16/2015 6:25:00 AM	1275900.000	72.937	17.981	166.247
28164.568	32525.119	20.476	22117.082	35.506
1.014	14.839			
12/16/2015 6:30:00 AM	1276200.000	72.955	17.981	166.286
28164.547	32524.969	20.476	22116.980	35.506
1.014	14.840			
12/16/2015 6:35:00 AM	1276500.000	72.938	17.980	166.249
28180.203	32543.619	20.489	22129.664	35.486
1.014	14.837			
12/16/2015 6:40:00 AM	1276800.000	72.957	17.981	166.292
28161.566	32521.527	20.474	22114.639	35.509
1.014	14.834			
12/16/2015 6:45:00 AM	1277100.000	72.942	17.981	166.257
28172.447	32534.281	20.482	22123.313	35.496
1.014	14.831			
12/16/2015 6:50:00 AM	1277400.000	72.940	17.981	166.254
28162.279	32522.664	20.474	22115.414	35.508
1.014	14.831			
12/16/2015 6:55:00 AM	1277700.000	72.958	17.981	166.293
28157.535	32516.998	20.470	22111.559	35.514
1.014	14.831			
12/16/2015 7:00:00 AM	1278000.000	72.958	17.981	166.293
28155.361	32514.676	20.469	22109.982	35.517
1.014	14.831			
12/16/2015 7:05:00 AM	1278300.000	72.960	17.981	166.298
28166.904	32527.879	20.478	22118.957	35.503
1.014	14.833			
12/16/2015 7:10:00 AM	1278600.000	72.953	17.981	166.282
28163.832	32523.896	20.475	22116.252	35.507
1.014	14.834			
12/16/2015 7:15:00 AM	1278900.000	72.958	17.980	166.293
28163.131	32523.719	20.475	22116.131	35.507
1.014	14.835			
12/16/2015 7:20:00 AM	1279200.000	72.936	17.981	166.244
28171.004	32532.426	20.481	22122.049	35.497
1.014	14.837			
12/16/2015 7:25:00 AM	1279500.000	72.957	17.981	166.291
28170.268	32531.449	20.480	22121.385	35.498

1.014	14.839			
12/16/2015 7:30:00 AM	1279800.000	72.938	17.981	166.248
28171.572	32533.340	20.482	22122.674	35.497
1.014	14.841			
12/16/2015 7:35:00 AM	1280100.000	72.952	17.981	166.281
28177.098	32539.777	20.486	22127.051	35.490
1.014	14.840			
12/16/2015 7:40:00 AM	1280400.000	72.934	17.981	166.239
28161.986	32522.137	20.474	22115.053	35.509
1.014	14.840			
12/16/2015 7:45:00 AM	1280700.000	72.934	17.981	166.240
28164.105	32524.213	20.475	22116.467	35.506
1.014	14.839			
12/16/2015 7:50:00 AM	1281000.000	72.411	17.981	165.046
28165.900	32526.600	20.477	22118.090	35.504
1.014	14.840			
12/16/2015 7:55:00 AM	1281300.000	72.413	17.980	165.051
28173.186	32535.643	20.483	22124.236	35.495
1.014	14.840			
12/16/2015 8:00:00 AM	1281600.000	72.389	17.980	164.996
28163.490	32524.252	20.475	22116.494	35.507
1.014	14.841			
12/16/2015 8:05:00 AM	1281900.000	72.412	17.980	165.049
28164.449	32525.799	20.477	22117.545	35.506
1.014	14.841			
12/16/2015 8:10:00 AM	1282200.000	72.412	17.980	165.050
28165.354	32526.404	20.477	22117.957	35.505
1.014	14.840			
12/16/2015 8:15:00 AM	1282500.000	72.417	17.980	165.062
28163.209	32524.055	20.475	22116.357	35.507
1.014	14.840			
12/16/2015 8:20:00 AM	1282800.000	72.410	17.980	165.045
28164.691	32525.768	20.477	22117.523	35.505
1.014	14.842			
12/16/2015 8:25:00 AM	1283100.000	72.416	17.980	165.059
28173.736	32535.967	20.484	22124.459	35.494
1.014	14.843			
12/16/2015 8:30:00 AM	1283400.000	72.390	17.980	164.999
28157.516	32517.418	20.471	22111.846	35.514
1.014	14.845			
12/16/2015 8:35:00 AM	1283700.000	72.414	17.980	165.053
28166.898	32528.316	20.478	22119.258	35.503
1.014	14.845			
12/16/2015 8:40:00 AM	1284000.000	72.414	17.980	165.054
28172.764	32535.279	20.483	22123.990	35.495
1.014	14.846			
12/16/2015 8:45:00 AM	1284300.000	72.413	17.980	165.053
28156.441	32516.490	20.470	22111.213	35.516
1.014	14.846			
12/16/2015 8:50:00 AM	1284600.000	72.415	17.980	165.056
28177.814	32540.730	20.487	22127.699	35.489
1.014	14.847			
12/16/2015 8:55:00 AM	1284900.000	72.410	17.980	165.045
28170.541	32532.834	20.481	22122.330	35.498
1.014	14.848			
12/16/2015 9:00:00 AM	1285200.000	72.415	17.980	165.055
28154.285	32513.688	20.468	22109.311	35.519
1.014	14.849			

12/16/2015 9:05:00 AM	1285500.000	72.408	17.980	165.040
28161.393	32522.023	20.474	22114.977	35.510
1.014	14.852			
12/16/2015 9:10:00 AM	1285800.000	72.414	17.980	165.053
28183.834	32547.992	20.492	22132.635	35.481
1.014	14.855			
12/16/2015 9:15:00 AM	1286100.000	72.402	17.980	165.026
28169.287	32531.139	20.480	22121.176	35.500
1.014	14.858			
12/16/2015 9:20:00 AM	1286400.000	72.394	17.980	165.008
28165.824	32527.014	20.477	22118.369	35.504
1.014	14.857			
12/16/2015 9:25:00 AM	1286700.000	72.407	17.980	165.037
28170.510	32532.605	20.481	22122.174	35.498
1.014	14.856			
12/16/2015 9:30:00 AM	1287000.000	72.408	17.980	165.040
28174.756	32537.391	20.485	22125.428	35.493
1.014	14.855			
12/16/2015 9:35:00 AM	1287300.000	72.391	17.980	165.002
28172.129	32534.293	20.482	22123.322	35.496
1.014	14.856			
12/16/2015 9:40:00 AM	1287600.000	72.408	17.980	165.039
28166.322	32527.650	20.478	22118.803	35.503
1.014	14.857			
12/16/2015 9:45:00 AM	1287900.000	72.392	17.980	165.004
28159.053	32519.320	20.472	22113.141	35.513
1.014	14.858			
12/16/2015 9:50:00 AM	1288200.000	72.415	17.980	165.056
28164.428	32525.527	20.476	22117.361	35.506
1.014	14.857			
12/16/2015 9:55:00 AM	1288500.000	72.414	17.980	165.055
28167.898	32529.344	20.479	22119.955	35.501
1.014	14.855			
12/16/2015 10:00:00 AM	1288800.000	71.847	17.981	163.761
28157.693	32516.930	20.470	22111.514	35.514
1.014	14.854			
12/16/2015 10:05:00 AM	1289100.000	71.838	17.987	163.742
28143.674	32496.533	20.456	22097.643	35.532
1.014	14.854			
12/16/2015 10:10:00 AM	1289400.000	71.853	17.990	163.775
28117.900	32464.578	20.434	22075.914	35.565
1.014	14.855			
12/16/2015 10:15:00 AM	1289700.000	71.855	17.996	163.780
28180.438	32532.574	20.482	22122.152	35.486
1.014	14.855			
12/16/2015 10:20:00 AM	1290000.000	71.850	18.000	163.768
28165.146	32512.285	20.468	22108.355	35.505
1.014	14.854			
12/16/2015 10:25:00 AM	1290300.000	71.857	18.004	163.785
28176.846	32522.967	20.475	22115.617	35.490
1.014	14.852			
12/16/2015 10:30:00 AM	1290600.000	71.855	18.008	163.779
28177.090	32519.727	20.473	22113.414	35.490
1.014	14.851			
12/16/2015 10:35:00 AM	1290900.000	71.856	18.012	163.783
28197.646	32540.951	20.488	22127.850	35.464
1.014	14.852			
12/16/2015 10:40:00 AM	1291200.000	71.855	18.016	163.779

28225.445	32570.379	20.509	22147.857	35.429
1.014	14.853			
12/16/2015 10:45:00 AM	1291500.000	71.857	18.018	163.784
28205.172	32545.043	20.491	22130.631	35.454
1.014	14.854			
12/16/2015 10:50:00 AM	1291800.000	71.858	18.020	163.786
28224.189	32565.666	20.505	22144.652	35.431
1.014	14.850			
12/16/2015 10:55:00 AM	1292100.000	71.863	18.022	163.799
28210.184	32547.938	20.493	22132.600	35.448
1.014	14.845			
12/16/2015 11:00:00 AM	1292400.000	71.867	18.025	163.806
28276.629	32622.965	20.545	22183.619	35.365
1.014	14.840			
12/16/2015 11:05:00 AM	1292700.000	71.866	18.026	163.805
28249.121	32590.473	20.523	22161.521	35.399
1.014	14.840			
12/16/2015 11:10:00 AM	1293000.000	71.866	18.027	163.805
28371.984	32731.018	20.620	22257.094	35.246
1.014	14.840			
12/16/2015 11:15:00 AM	1293300.000	71.869	18.029	163.813
28333.887	32685.744	20.589	22226.307	35.293
1.014	14.840			
12/16/2015 11:20:00 AM	1293600.000	71.876	18.025	163.828
28563.838	32954.320	20.775	22408.939	35.009
1.014	14.840			
12/16/2015 11:25:00 AM	1293900.000	71.876	18.025	163.827
28621.059	33020.203	20.821	22453.738	34.939
1.014	14.839			
12/16/2015 11:30:00 AM	1294200.000	71.874	18.026	163.823
28792.891	33217.941	20.958	22588.201	34.731
1.015	14.839			
12/16/2015 11:35:00 AM	1294500.000	71.879	18.027	163.835
28831.883	33261.828	20.988	22618.043	34.684
1.015	14.839			
12/16/2015 11:40:00 AM	1294800.000	71.879	18.027	163.835
28936.949	33382.715	21.072	22700.246	34.558
1.015	14.840			
12/16/2015 11:45:00 AM	1295100.000	71.881	18.030	163.839
28942.764	33387.750	21.076	22703.670	34.551
1.015	14.841			
12/16/2015 11:50:00 AM	1295400.000	72.464	18.024	165.167
29022.885	33484.246	21.143	22769.289	34.456
1.015	14.839			
12/16/2015 11:55:00 AM	1295700.000	72.960	18.021	166.299
30165.244	34804.625	22.063	23667.145	33.151
1.015	14.837			
12/16/2015 12:00:00 PM	1296000.000	72.973	17.992	166.327
28581.861	32998.859	20.805	22439.227	34.987
1.014	14.835			
12/16/2015 12:05:00 PM	1296300.000	72.957	17.984	166.292
28274.652	32649.854	20.563	22201.902	35.367
1.014	14.834			
12/16/2015 12:10:00 PM	1296600.000	72.976	17.983	166.335
28232.412	32602.020	20.529	22169.375	35.420
1.014	14.834			
12/16/2015 12:15:00 PM	1296900.000	72.956	17.983	166.289
28208.076	32574.104	20.510	22150.393	35.451

1.014	14.834			
12/16/2015 12:20:00 PM	1297200.000	72.976	17.983	166.335
28206.982	32572.654	20.509	22149.404	35.452
1.014	14.832			
12/16/2015 12:25:00 PM	1297500.000	72.981	17.982	166.347
28200.576	32565.947	20.504	22144.844	35.460
1.014	14.831			
12/16/2015 12:30:00 PM	1297800.000	72.986	17.982	166.358
28185.678	32548.436	20.492	22132.936	35.479
1.014	14.829			
12/16/2015 12:35:00 PM	1298100.000	72.968	17.982	166.316
28184.119	32546.563	20.491	22131.662	35.481
1.014	14.829			
12/16/2015 12:40:00 PM	1298400.000	72.988	17.982	166.362
28179.025	32540.994	20.487	22127.879	35.487
1.014	14.829			
12/16/2015 12:45:00 PM	1298700.000	72.988	17.982	166.362
28197.236	32561.898	20.502	22142.094	35.464
1.014	14.829			
12/16/2015 12:50:00 PM	1299000.000	72.971	17.981	166.324
28191.941	32556.232	20.498	22138.238	35.471
1.014	14.828			
12/16/2015 12:55:00 PM	1299300.000	72.991	17.982	166.370
28177.664	32539.553	20.486	22126.898	35.489
1.014	14.828			
12/16/2015 1:00:00 PM	1299600.000	72.994	17.981	166.375
28181.500	32544.301	20.489	22130.127	35.484
1.014	14.827			
12/16/2015 1:05:00 PM	1299900.000	72.994	17.981	166.376
28194.490	32559.176	20.500	22140.242	35.468
1.014	14.827			
12/16/2015 1:10:00 PM	1300200.000	72.975	17.982	166.334
28176.941	32538.652	20.485	22126.283	35.490
1.014	14.826			
12/16/2015 1:15:00 PM	1300500.000	72.998	17.981	166.384
28189.555	32553.477	20.496	22136.365	35.474
1.014	14.826			
12/16/2015 1:20:00 PM	1300800.000	72.999	17.982	166.386
28189.016	32552.725	20.495	22135.855	35.475
1.014	14.824			
12/16/2015 1:25:00 PM	1301100.000	73.003	17.982	166.397
28183.906	32546.824	20.491	22131.842	35.481
1.014	14.823			
12/16/2015 1:30:00 PM	1301400.000	73.008	17.981	166.408
28184.826	32548.016	20.492	22132.652	35.480
1.014	14.821			
12/16/2015 1:35:00 PM	1301700.000	72.988	17.981	166.363
28197.693	32563.061	20.502	22142.881	35.464
1.014	14.824			
12/16/2015 1:40:00 PM	1302000.000	73.003	17.981	166.397
28169.305	32530.217	20.480	22120.549	35.500
1.014	14.828			
12/16/2015 1:45:00 PM	1302300.000	73.002	17.982	166.395
28177.369	32539.146	20.486	22126.619	35.489
1.014	14.831			
12/16/2015 1:50:00 PM	1302600.000	73.003	17.982	166.397
28179.330	32541.412	20.487	22128.160	35.487
1.014	14.832			

12/16/2015 1:55:00 PM	1302900.000	72.977	17.982	166.336
28187.594	32550.955	20.494	22134.650	35.477
1.014	14.833			
12/16/2015 2:00:00 PM	1303200.000	72.979	17.981	166.342
28183.646	32546.900	20.491	22131.893	35.482
1.014	14.834			
12/16/2015 2:05:00 PM	1303500.000	73.005	17.981	166.401
28180.279	32542.891	20.488	22129.168	35.486
1.014	14.830			
12/16/2015 2:10:00 PM	1303800.000	73.011	17.981	166.414
28187.221	32550.906	20.494	22134.619	35.477
1.014	14.826			
12/16/2015 2:15:00 PM	1304100.000	73.015	17.982	166.423
28176.773	32538.652	20.485	22126.283	35.490
1.014	14.823			
12/16/2015 2:20:00 PM	1304400.000	73.007	17.982	166.406
28169.971	32530.539	20.480	22120.770	35.499
1.014	14.825			
12/16/2015 2:25:00 PM	1304700.000	72.986	17.981	166.358
28184.203	32547.543	20.492	22132.332	35.481
1.014	14.827			
12/16/2015 2:30:00 PM	1305000.000	73.006	17.982	166.403
28182.031	32544.596	20.490	22130.328	35.484
1.014	14.830			
12/16/2015 2:35:00 PM	1305300.000	72.996	17.981	166.381
28185.842	32549.314	20.493	22133.533	35.479
1.014	14.831			
12/16/2015 2:40:00 PM	1305600.000	73.003	17.982	166.397
28177.744	32539.707	20.486	22127.002	35.489
1.014	14.833			
12/16/2015 2:45:00 PM	1305900.000	73.000	17.982	166.389
28171.254	32532.277	20.481	22121.949	35.497
1.014	14.834			
12/16/2015 2:50:00 PM	1306200.000	73.001	17.982	166.392
28178.117	32540.012	20.486	22127.211	35.489
1.014	14.832			
12/16/2015 2:55:00 PM	1306500.000	73.004	17.981	166.399
28168.596	32529.273	20.479	22119.908	35.501
1.014	14.830			
12/16/2015 3:00:00 PM	1306800.000	73.006	17.981	166.403
28172.576	32534.115	20.482	22123.199	35.496
1.014	14.828			
12/16/2015 3:05:00 PM	1307100.000	72.984	17.982	166.352
28175.529	32537.215	20.484	22125.307	35.492
1.014	14.830			
12/16/2015 3:10:00 PM	1307400.000	72.981	17.981	166.347
28165.918	32526.242	20.477	22117.848	35.504
1.014	14.832			
12/16/2015 3:15:00 PM	1307700.000	73.001	17.981	166.391
28178.555	32540.898	20.487	22127.811	35.488
1.014	14.833			
12/16/2015 3:20:00 PM	1308000.000	72.979	17.981	166.342
28166.422	32526.949	20.477	22118.328	35.503
1.014	14.833			
12/16/2015 3:25:00 PM	1308300.000	73.000	17.981	166.390
28169.455	32530.266	20.480	22120.580	35.499
1.014	14.834			
12/16/2015 3:30:00 PM	1308600.000	73.003	17.981	166.397

28189.863	32553.893	20.496	22136.648	35.474
1.014	14.834			
12/16/2015 3:35:00 PM	1308900.000	73.000	17.981	166.388
28179.877	32542.672	20.488	22129.020	35.486
1.014	14.833			
12/16/2015 3:40:00 PM	1309200.000	72.978	17.981	166.339
28172.609	32534.033	20.482	22123.145	35.495
1.014	14.832			
12/16/2015 3:45:00 PM	1309500.000	72.997	17.981	166.382
28188.881	32552.699	20.495	22135.838	35.475
1.014	14.831			
12/16/2015 3:50:00 PM	1309800.000	72.996	17.981	166.381
28171.424	32532.725	20.481	22122.256	35.497
1.014	14.831			
12/16/2015 3:55:00 PM	1310100.000	72.991	17.982	166.370
28177.984	32539.984	20.486	22127.189	35.489
1.014	14.831			
12/16/2015 4:00:00 PM	1310400.000	72.992	17.981	166.371
28178.521	32540.861	20.487	22127.787	35.488
1.014	14.831			
12/16/2015 4:05:00 PM	1310700.000	72.990	17.981	166.367
28172.488	32533.895	20.482	22123.051	35.496
1.014	14.832			
12/16/2015 4:10:00 PM	1311000.000	72.984	17.981	166.354
28168.936	32529.791	20.479	22120.258	35.500
1.014	14.833			
12/16/2015 4:15:00 PM	1311300.000	72.987	17.981	166.360
28176.648	32538.633	20.485	22126.271	35.490
1.014	14.834			
12/16/2015 4:20:00 PM	1311600.000	72.987	17.981	166.361
28188.805	32553.049	20.495	22136.076	35.475
1.014	14.834			
12/16/2015 4:25:00 PM	1311900.000	72.961	17.981	166.300
28181.090	32543.701	20.489	22129.719	35.485
1.014	14.834			
12/16/2015 4:30:00 PM	1312200.000	72.963	17.981	166.305
28171.334	32532.561	20.481	22122.141	35.497
1.014	14.834			
12/16/2015 4:35:00 PM	1312500.000	72.978	17.981	166.340
28172.988	32534.717	20.483	22123.607	35.495
1.014	14.834			
12/16/2015 4:40:00 PM	1312800.000	72.957	17.981	166.291
28171.205	32532.533	20.481	22122.123	35.497
1.014	14.834			
12/16/2015 4:45:00 PM	1313100.000	72.957	17.981	166.293
28175.369	32537.156	20.484	22125.268	35.492
1.014	14.834			
12/16/2015 4:50:00 PM	1313400.000	72.977	17.981	166.336
28169.893	32530.896	20.480	22121.012	35.499
1.014	14.832			
12/16/2015 4:55:00 PM	1313700.000	72.977	17.981	166.337
28160.311	32519.766	20.472	22113.443	35.511
1.014	14.829			
12/16/2015 5:00:00 PM	1314000.000	72.974	17.981	166.330
28176.654	32538.766	20.486	22126.361	35.490
1.014	14.827			
12/16/2015 5:05:00 PM	1314300.000	72.976	17.981	166.334
28183.918	32547.213	20.491	22132.107	35.481

1.014	14.828			
12/16/2015 5:10:00 PM	1314600.000	72.971	17.981	166.324
28169.471	32530.283	20.480	22120.594	35.499
1.014	14.829			
12/16/2015 5:15:00 PM	1314900.000	72.945	17.981	166.265
28169.629	32530.713	20.480	22120.887	35.499
1.014	14.831			
12/16/2015 5:20:00 PM	1315200.000	72.968	17.981	166.317
28186.750	32550.484	20.494	22134.330	35.478
1.014	14.829			
12/16/2015 5:25:00 PM	1315500.000	72.943	17.981	166.260
28194.416	32559.217	20.500	22140.268	35.468
1.014	14.828			
12/16/2015 5:30:00 PM	1315800.000	72.942	17.981	166.257
28181.129	32543.746	20.489	22129.750	35.485
1.014	14.827			
12/16/2015 5:35:00 PM	1316100.000	72.938	17.981	166.248
28173.672	32535.381	20.483	22124.061	35.494
1.014	14.829			
12/16/2015 5:40:00 PM	1316400.000	72.938	17.981	166.247
28170.859	32532.326	20.481	22121.982	35.498
1.014	14.832			
12/16/2015 5:45:00 PM	1316700.000	72.954	17.981	166.284
28176.637	32538.619	20.485	22126.262	35.490
1.014	14.834			
12/16/2015 5:50:00 PM	1317000.000	72.942	17.981	166.258
28158.076	32517.371	20.471	22111.814	35.514
1.014	14.835			
12/16/2015 5:55:00 PM	1317300.000	72.943	17.981	166.259
28167.480	32528.357	20.478	22119.283	35.502
1.014	14.836			
12/16/2015 6:00:00 PM	1317600.000	72.940	17.981	166.253
28187.242	32551.053	20.494	22134.719	35.477
1.014	14.837			
12/16/2015 6:05:00 PM	1317900.000	72.935	17.981	166.241
28150.035	32508.025	20.464	22105.457	35.524
1.014	14.837			
12/16/2015 6:10:00 PM	1318200.000	72.935	17.981	166.241
28162.867	32523.154	20.475	22115.748	35.508
1.014	14.837			
12/16/2015 6:15:00 PM	1318500.000	72.935	17.981	166.241
28151.865	32510.637	20.466	22107.232	35.522
1.014	14.837			
12/16/2015 6:20:00 PM	1318800.000	72.914	17.981	166.193
28178.754	32541.004	20.487	22127.885	35.488
1.014	14.838			
12/16/2015 6:25:00 PM	1319100.000	72.928	17.981	166.225
28172.211	32533.762	20.482	22122.959	35.496
1.014	14.840			
12/16/2015 6:30:00 PM	1319400.000	72.926	17.981	166.221
28172.326	32533.895	20.482	22123.051	35.496
1.014	14.842			
12/16/2015 6:35:00 PM	1319700.000	72.917	17.981	166.200
28171.393	32532.816	20.481	22122.316	35.497
1.014	14.842			
12/16/2015 6:40:00 PM	1320000.000	72.900	17.981	166.162
28161.426	32521.490	20.474	22114.615	35.510
1.014	14.842			

12/16/2015 6:45:00 PM	1320300.000	72.915	17.981	166.195
28177.090	32539.580	20.486	22126.914	35.490
1.014	14.842			
12/16/2015 6:50:00 PM	1320600.000	72.909	17.981	166.181
28165.043	32525.609	20.476	22117.414	35.505
1.014	14.841			
12/16/2015 6:55:00 PM	1320900.000	72.908	17.981	166.180
28167.193	32528.025	20.478	22119.059	35.502
1.014	14.840			
12/16/2015 7:00:00 PM	1321200.000	72.901	17.981	166.165
28167.119	32528.006	20.478	22119.045	35.502
1.014	14.839			
12/16/2015 7:05:00 PM	1321500.000	72.897	17.981	166.155
28188.076	32552.016	20.495	22135.373	35.476
1.014	14.841			
12/16/2015 7:10:00 PM	1321800.000	72.892	17.981	166.143
28177.334	32539.861	20.486	22127.105	35.490
1.014	14.842			
12/16/2015 7:15:00 PM	1322100.000	72.889	17.981	166.136
28171.242	32532.643	20.481	22122.197	35.497
1.014	14.844			
12/16/2015 7:20:00 PM	1322400.000	72.873	17.981	166.101
28184.240	32547.652	20.492	22132.406	35.481
1.014	14.841			
12/16/2015 7:25:00 PM	1322700.000	72.891	17.981	166.140
28175.705	32537.922	20.485	22125.787	35.492
1.014	14.839			
12/16/2015 7:30:00 PM	1323000.000	72.897	17.980	166.156
28171.648	32533.609	20.482	22122.855	35.497
1.014	14.836			
12/16/2015 7:35:00 PM	1323300.000	72.891	17.981	166.141
28180.662	32543.646	20.489	22129.680	35.485
1.014	14.838			
12/16/2015 7:40:00 PM	1323600.000	72.883	17.981	166.123
28183.475	32547.141	20.491	22132.057	35.482
1.014	14.839			
12/16/2015 7:45:00 PM	1323900.000	72.864	17.981	166.079
28177.061	32539.607	20.486	22126.934	35.490
1.014	14.841			
12/16/2015 7:50:00 PM	1324200.000	72.861	17.981	166.073
28168.301	32529.180	20.479	22119.842	35.501
1.014	14.840			
12/16/2015 7:55:00 PM	1324500.000	72.880	17.981	166.117
28180.793	32543.730	20.489	22129.738	35.485
1.014	14.840			
12/16/2015 8:00:00 PM	1324800.000	72.859	17.981	166.069
28166.797	32527.693	20.478	22118.834	35.503
1.014	14.840			
12/16/2015 8:05:00 PM	1325100.000	72.873	17.981	166.100
28156.549	32515.990	20.470	22110.875	35.516
1.014	14.841			
12/16/2015 8:10:00 PM	1325400.000	72.869	17.980	166.090
28176.924	32539.701	20.486	22126.996	35.490
1.014	14.842			
12/16/2015 8:15:00 PM	1325700.000	72.865	17.981	166.082
28178.680	32541.416	20.487	22128.164	35.488
1.014	14.844			
12/16/2015 8:20:00 PM	1326000.000	72.866	17.980	166.085

28185.510	32549.563	20.493	22133.703	35.479
1.014	14.845			
12/16/2015 8:25:00 PM	1326300.000	72.864	17.981	166.080
28175.506	32537.625	20.485	22125.588	35.492
1.014	14.847			
12/16/2015 8:30:00 PM	1326600.000	72.854	17.980	166.056
28179.229	32542.309	20.488	22128.771	35.487
1.014	14.849			
12/16/2015 8:35:00 PM	1326900.000	72.834	17.981	166.011
28187.656	32551.971	20.495	22135.342	35.477
1.014	14.849			
12/16/2015 8:40:00 PM	1327200.000	72.849	17.981	166.045
28172.801	32534.568	20.483	22123.506	35.495
1.014	14.849			
12/16/2015 8:45:00 PM	1327500.000	72.855	17.981	166.060
28177.016	32539.557	20.486	22126.900	35.490
1.014	14.850			
12/16/2015 8:50:00 PM	1327800.000	72.831	17.981	166.005
28184.719	32548.264	20.492	22132.822	35.480
1.014	14.849			
12/16/2015 8:55:00 PM	1328100.000	72.829	17.981	166.001
28179.787	32542.693	20.488	22129.031	35.486
1.014	14.848			
12/16/2015 9:00:00 PM	1328400.000	72.827	17.981	165.994
28184.400	32548.211	20.492	22132.783	35.481
1.014	14.847			
12/16/2015 9:05:00 PM	1328700.000	72.846	17.981	166.038
28185.424	32549.145	20.493	22133.420	35.479
1.014	14.847			
12/16/2015 9:10:00 PM	1329000.000	72.841	17.981	166.028
28176.619	32539.168	20.486	22126.637	35.490
1.014	14.848			
12/16/2015 9:15:00 PM	1329300.000	72.842	17.981	166.030
28185.254	32549.008	20.493	22133.328	35.480
1.014	14.849			
12/16/2015 9:20:00 PM	1329600.000	72.837	17.981	166.019
28190.789	32555.400	20.497	22137.672	35.473
1.014	14.848			
12/16/2015 9:25:00 PM	1329900.000	72.837	17.980	166.019
28180.344	32543.650	20.489	22129.682	35.486
1.014	14.848			
12/16/2015 9:30:00 PM	1330200.000	72.818	17.981	165.976
28175.219	32537.551	20.485	22125.535	35.492
1.014	14.848			
12/16/2015 9:35:00 PM	1330500.000	72.840	17.981	166.025
28168.439	32529.590	20.479	22120.123	35.501
1.014	14.847			
12/16/2015 9:40:00 PM	1330800.000	72.837	17.981	166.019
28188.279	32552.318	20.495	22135.578	35.476
1.014	14.847			
12/16/2015 9:45:00 PM	1331100.000	72.835	17.981	166.015
28175.049	32537.355	20.485	22125.402	35.492
1.014	14.847			
12/16/2015 9:50:00 PM	1331400.000	72.833	17.981	166.009
28175.693	32537.967	20.485	22125.820	35.492
1.014	14.848			
12/16/2015 9:55:00 PM	1331700.000	72.815	17.980	165.968
28176.172	32538.779	20.486	22126.371	35.491

1.014	14.850			
12/16/2015 10:00:00 PM	1332000.000	72.830	17.980	166.002
28185.428	32549.652	20.493	22133.764	35.479
1.014	14.852			
12/16/2015 10:05:00 PM	1332300.000	72.812	17.981	165.960
28180.279	32543.395	20.489	22129.510	35.486
1.014	14.851			
12/16/2015 10:10:00 PM	1332600.000	72.832	17.981	166.007
28169.896	32531.336	20.480	22121.309	35.499
1.014	14.851			
12/16/2015 10:15:00 PM	1332900.000	72.827	17.981	165.994
28173.479	32535.283	20.483	22123.992	35.494
1.014	14.851			
12/16/2015 10:20:00 PM	1333200.000	72.814	17.981	165.966
28169.783	32531.205	20.480	22121.219	35.499
1.014	14.851			
12/16/2015 10:25:00 PM	1333500.000	72.815	17.981	165.967
28176.971	32539.383	20.486	22126.781	35.490
1.014	14.850			
12/16/2015 10:30:00 PM	1333800.000	72.813	17.981	165.964
28168.354	32529.490	20.479	22120.055	35.501
1.014	14.850			
12/16/2015 10:35:00 PM	1334100.000	72.813	17.981	165.964
28178.277	32541.082	20.487	22127.938	35.488
1.014	14.850			
12/16/2015 10:40:00 PM	1334400.000	72.810	17.981	165.957
28184.277	32547.822	20.492	22132.521	35.481
1.014	14.851			
12/16/2015 10:45:00 PM	1334700.000	72.833	17.981	166.009
28184.049	32547.678	20.492	22132.424	35.481
1.014	14.851			
12/16/2015 10:50:00 PM	1335000.000	72.829	17.981	166.000
28172.854	32534.875	20.483	22123.717	35.495
1.014	14.852			
12/16/2015 10:55:00 PM	1335300.000	72.825	17.980	165.991
28177.488	32540.299	20.487	22127.404	35.489
1.014	14.854			
12/16/2015 11:00:00 PM	1335600.000	72.830	17.981	166.003
28194.881	32560.313	20.500	22141.014	35.467
1.014	14.855			
12/16/2015 11:05:00 PM	1335900.000	72.827	17.981	165.994
28173.736	32535.707	20.483	22124.283	35.494
1.014	14.853			
12/16/2015 11:10:00 PM	1336200.000	72.833	17.980	166.009
28182.611	32546.527	20.491	22131.639	35.483
1.014	14.852			
12/16/2015 11:15:00 PM	1336500.000	72.833	17.981	166.009
28166.883	32527.924	20.478	22118.990	35.503
1.014	14.851			
12/16/2015 11:20:00 PM	1336800.000	72.813	17.980	165.964
28169.484	32531.057	20.480	22121.121	35.499
1.014	14.851			
12/16/2015 11:25:00 PM	1337100.000	72.838	17.980	166.020
28165.451	32526.518	20.477	22118.033	35.504
1.014	14.851			
12/16/2015 11:30:00 PM	1337400.000	72.836	17.981	166.015
28191.949	32556.803	20.498	22138.629	35.471
1.014	14.851			

12/16/2015 11:35:00 PM	1337700.000	72.837	17.981	166.017
28178.576	32541.295	20.487	22128.080	35.488
1.014	14.851			
12/16/2015 11:40:00 PM	1338000.000	72.820	17.980	165.979
28188.533	32553.055	20.495	22136.080	35.475
1.014	14.851			
12/16/2015 11:45:00 PM	1338300.000	72.820	17.981	165.979
28173.795	32535.963	20.484	22124.457	35.494
1.014	14.852			
12/16/2015 11:50:00 PM	1338600.000	72.840	17.981	166.026
28181.029	32544.262	20.489	22130.098	35.485
1.014	14.854			
12/16/2015 11:55:00 PM	1338900.000	72.818	17.980	165.975
28165.979	32527.254	20.478	22118.533	35.504
1.014	14.856			

Report Date: 12/18/2015 1:47:59 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4S LT Test_2015-12-17_13-26-04-060-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

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
12/18/2015 1:45:57 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 4624

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	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 35.8ft
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 000000			

Date and Time	Elapsed Time	Corrected Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
12/10/2015 12:00:00 AM	734400.000			11.944	17.641	27.223
7678.286	8933.937		5.039	6075.077	130.237	
1.003	14.747					
12/10/2015 12:05:00 AM	734700.000			11.949	17.642	27.235
7685.604	8942.278		5.044	6080.750	130.113	
1.003	14.745					

12/10/2015 12:10:00 AM	735000.000		11.948	17.642	27.232
7689.492	8946.888	5.047		6083.884	130.048
1.003	14.743				
12/10/2015 12:15:00 AM	735300.000		11.951	17.642	27.240
7695.555	8953.957	5.051		6088.691	129.945
1.003	14.741				
12/10/2015 12:20:00 AM	735600.000		11.949	17.643	27.235
7700.055	8959.040	5.054		6092.148	129.869
1.003	14.743				
12/10/2015 12:25:00 AM	735900.000		11.948	17.642	27.232
7707.226	8967.468	5.059		6097.878	129.748
1.003	14.744				
12/10/2015 12:30:00 AM	736200.000		11.945	17.642	27.227
7708.139	8968.599	5.060		6098.647	129.733
1.003	14.746				
12/10/2015 12:35:00 AM	736500.000		11.947	17.643	27.231
7713.192	8974.306	5.063		6102.528	129.648
1.003	14.744				
12/10/2015 12:40:00 AM	736800.000		11.948	17.642	27.233
7718.700	8980.817	5.067		6106.957	129.555
1.003	14.742				
12/10/2015 12:45:00 AM	737100.000		11.949	17.643	27.235
7724.453	8987.442	5.071		6111.461	129.459
1.003	14.741				
12/10/2015 12:50:00 AM	737400.000		11.951	17.642	27.239
7727.396	8990.917	5.073		6113.824	129.410
1.003	14.738				
12/10/2015 12:55:00 AM	737700.000		11.952	17.642	27.241
7729.583	8993.430	5.075		6115.532	129.373
1.003	14.735				
12/10/2015 1:00:00 AM	738000.000		11.950	17.642	27.239
7735.830	9000.749	5.079		6120.510	129.269
1.003	14.733				
12/10/2015 1:05:00 AM	738300.000		11.953	17.643	27.244
7737.993	9003.181	5.081		6122.163	129.232
1.003	14.730				
12/10/2015 1:10:00 AM	738600.000		11.953	17.642	27.244
7740.924	9006.676	5.083		6124.540	129.184
1.003	14.727				
12/10/2015 1:15:00 AM	738900.000		11.951	17.642	27.241
7744.933	9011.409	5.086		6127.758	129.117
1.003	14.725				
12/10/2015 1:20:00 AM	739200.000		11.952	17.642	27.243
7750.233	9017.596	5.089		6131.966	129.028
1.003	14.722				
12/10/2015 1:25:00 AM	739500.000		11.956	17.642	27.252
7751.701	9019.251	5.090		6133.091	129.004
1.003	14.718				
12/10/2015 1:30:00 AM	739800.000		11.957	17.643	27.254
7754.720	9022.644	5.093		6135.398	128.954
1.003	14.715				
12/10/2015 1:35:00 AM	740100.000		11.955	17.642	27.250
7757.863	9026.421	5.095		6137.967	128.901
1.003	14.716				
12/10/2015 1:40:00 AM	740400.000		11.957	17.642	27.253
7761.990	9031.240	5.098		6141.244	128.833
1.003	14.717				

12/10/2015 1:45:00 AM	740700.000	11.955	17.642	27.249
7763.941	9033.546	5.099	6142.812	128.801
1.003	14.717			
12/10/2015 1:50:00 AM	741000.000	11.953	17.642	27.245
7767.881	9038.041	5.102	6145.868	128.735
1.003	14.720			
12/10/2015 1:55:00 AM	741300.000	11.953	17.642	27.245
7769.117	9039.461	5.103	6146.834	128.715
1.003	14.722			
12/10/2015 2:00:00 AM	741600.000	11.954	17.642	27.247
7772.635	9043.572	5.105	6149.629	128.656
1.003	14.725			
12/10/2015 2:05:00 AM	741900.000	11.954	17.642	27.248
7773.645	9044.837	5.106	6150.489	128.640
1.003	14.725			
12/10/2015 2:10:00 AM	742200.000	11.956	17.642	27.251
7774.503	9045.746	5.107	6151.108	128.626
1.003	14.725			
12/10/2015 2:15:00 AM	742500.000	11.956	17.642	27.251
7777.856	9049.665	5.109	6153.773	128.570
1.003	14.726			
12/10/2015 2:20:00 AM	742800.000	11.955	17.642	27.250
7779.091	9051.139	5.110	6154.775	128.550
1.003	14.727			
12/10/2015 2:25:00 AM	743100.000	11.953	17.642	27.245
7783.644	9056.436	5.113	6158.376	128.475
1.003	14.728			
12/10/2015 2:30:00 AM	743400.000	11.951	17.642	27.240
7784.515	9057.484	5.114	6159.089	128.460
1.003	14.729			
12/10/2015 2:35:00 AM	743700.000	11.952	17.642	27.243
7784.558	9057.480	5.114	6159.087	128.459
1.003	14.727			
12/10/2015 2:40:00 AM	744000.000	11.953	17.642	27.245
7784.689	9057.615	5.114	6159.179	128.457
1.003	14.725			
12/10/2015 2:45:00 AM	744300.000	11.953	17.641	27.244
7786.711	9060.092	5.115	6160.862	128.424
1.003	14.723			
12/10/2015 2:50:00 AM	744600.000	11.952	17.642	27.243
7785.980	9059.135	5.115	6160.212	128.436
1.003	14.721			
12/10/2015 2:55:00 AM	744900.000	11.954	17.642	27.246
7787.008	9060.313	5.115	6161.013	128.419
1.003	14.720			
12/10/2015 3:00:00 AM	745200.000	11.954	17.642	27.248
7790.462	9064.369	5.118	6163.771	128.362
1.003	14.718			
12/10/2015 3:05:00 AM	745500.000	11.955	17.642	27.250
7790.135	9063.988	5.118	6163.513	128.367
1.003	14.714			
12/10/2015 3:10:00 AM	745800.000	11.957	17.642	27.255
7788.885	9062.516	5.117	6162.511	128.388
1.003	14.711			
12/10/2015 3:15:00 AM	746100.000	11.960	17.642	27.260
7789.881	9063.655	5.117	6163.286	128.372
1.003	14.707			
12/10/2015 3:20:00 AM	746400.000	11.956	17.642	27.252

7795.095	9069.741	5.121	6167.425	128.286
1.003	14.708			
12/10/2015 3:25:00 AM	746700.000	11.955	17.641	27.248
7792.353	9066.656	5.119	6165.327	128.331
1.003	14.709			
12/10/2015 3:30:00 AM	747000.000	11.956	17.642	27.251
7795.487	9070.127	5.121	6167.687	128.279
1.003	14.710			
12/10/2015 3:35:00 AM	747300.000	11.957	17.642	27.254
7795.882	9070.675	5.122	6168.060	128.273
1.003	14.709			
12/10/2015 3:40:00 AM	747600.000	11.958	17.642	27.256
7794.262	9068.702	5.120	6166.718	128.300
1.003	14.708			
12/10/2015 3:45:00 AM	747900.000	11.958	17.642	27.255
7795.904	9070.770	5.122	6168.124	128.272
1.003	14.708			
12/10/2015 3:50:00 AM	748200.000	11.957	17.641	27.254
7794.431	9069.090	5.121	6166.981	128.297
1.003	14.709			
12/10/2015 3:55:00 AM	748500.000	11.958	17.642	27.256
7797.217	9072.264	5.123	6169.139	128.251
1.003	14.710			
12/10/2015 4:00:00 AM	748800.000	11.958	17.642	27.255
7796.108	9070.952	5.122	6168.248	128.269
1.003	14.710			
12/10/2015 4:05:00 AM	749100.000	11.957	17.642	27.255
7793.883	9068.418	5.120	6166.525	128.306
1.003	14.709			
12/10/2015 4:10:00 AM	749400.000	11.959	17.642	27.259
7796.120	9070.863	5.122	6168.187	128.269
1.003	14.707			
12/10/2015 4:15:00 AM	749700.000	11.959	17.642	27.258
7796.715	9071.696	5.122	6168.753	128.259
1.003	14.705			
12/10/2015 4:20:00 AM	750000.000	11.958	17.642	27.255
7793.340	9067.663	5.120	6166.011	128.315
1.003	14.704			
12/10/2015 4:25:00 AM	750300.000	11.956	17.642	27.251
7787.820	9061.310	5.116	6161.691	128.406
1.003	14.702			
12/10/2015 4:30:00 AM	750600.000	11.956	17.641	27.250
7773.952	9045.298	5.106	6150.803	128.635
1.003	14.700			
12/10/2015 4:35:00 AM	750900.000	11.957	17.643	27.253
7758.564	9027.079	5.095	6138.415	128.890
1.003	14.700			
12/10/2015 4:40:00 AM	751200.000	11.957	17.642	27.254
7742.110	9008.145	5.084	6125.539	129.164
1.003	14.700			
12/10/2015 4:45:00 AM	751500.000	11.957	17.642	27.255
7728.525	8992.355	5.074	6114.802	129.391
1.003	14.699			
12/10/2015 4:50:00 AM	751800.000	11.957	17.642	27.254
7718.224	8980.332	5.067	6106.626	129.563
1.003	14.697			
12/10/2015 4:55:00 AM	752100.000	11.960	17.642	27.259

7705.204	8965.204	5.058	6096.339	129.782
1.003	14.694			
12/10/2015 5:00:00 AM	752400.000	11.963	17.641	27.267
7693.107	8951.195	5.049	6086.813	129.986
1.003	14.691			
12/10/2015 5:05:00 AM	752700.000	11.964	17.641	27.270
7683.308	8939.794	5.042	6079.061	130.152
1.003	14.692			
12/10/2015 5:10:00 AM	753000.000	11.965	17.642	27.272
7672.143	8926.753	5.034	6070.192	130.342
1.003	14.692			
12/10/2015 5:15:00 AM	753300.000	11.962	17.642	27.265
7664.933	8918.380	5.029	6064.499	130.464
1.003	14.693			
12/10/2015 5:20:00 AM	753600.000	11.961	17.642	27.262
7656.466	8908.426	5.023	6057.729	130.609
1.003	14.693			
12/10/2015 5:25:00 AM	753900.000	11.962	17.642	27.266
7649.773	8900.726	5.019	6052.494	130.723
1.003	14.692			
12/10/2015 5:30:00 AM	754200.000	11.962	17.641	27.265
7640.472	8890.006	5.012	6045.204	130.882
1.002	14.692			
12/10/2015 5:35:00 AM	754500.000	11.960	17.641	27.261
7632.205	8880.334	5.006	6038.627	131.024
1.002	14.693			
12/10/2015 5:40:00 AM	754800.000	11.962	17.641	27.266
7625.555	8872.684	5.002	6033.425	131.138
1.002	14.693			
12/10/2015 5:45:00 AM	755100.000	11.964	17.641	27.270
7617.726	8863.540	4.996	6027.208	131.273
1.002	14.693			
12/10/2015 5:50:00 AM	755400.000	11.964	17.641	27.269
7610.203	8854.771	4.991	6021.245	131.403
1.002	14.696			
12/10/2015 5:55:00 AM	755700.000	11.962	17.642	27.266
7603.224	8846.581	4.986	6015.676	131.523
1.002	14.698			
12/10/2015 6:00:00 AM	756000.000	11.962	17.641	27.266
7598.806	8841.459	4.983	6012.193	131.600
1.002	14.700			
12/10/2015 6:05:00 AM	756300.000	11.961	17.641	27.264
7591.836	8833.363	4.978	6006.687	131.720
1.002	14.701			
12/10/2015 6:10:00 AM	756600.000	11.961	17.642	27.262
7585.901	8826.408	4.974	6001.958	131.823
1.002	14.702			
12/10/2015 6:15:00 AM	756900.000	11.956	17.641	27.252
7577.805	8817.090	4.968	5995.621	131.964
1.002	14.703			
12/10/2015 6:20:00 AM	757200.000	11.953	17.642	27.246
7575.981	8814.815	4.967	5994.075	131.996
1.002	14.703			
12/10/2015 6:25:00 AM	757500.000	11.955	17.642	27.249
7569.980	8807.848	4.963	5989.336	132.101
1.002	14.702			
12/10/2015 6:30:00 AM	757800.000	11.957	17.641	27.255
7562.189	8798.888	4.957	5983.244	132.237

1.002	14.701				
12/10/2015 6:35:00 AM	758100.000	11.957	17.642	27.253	
7558.164	8794.085	4.954	5979.978	132.307	
1.002	14.700				
12/10/2015 6:40:00 AM	758400.000	11.960	17.642	27.260	
7550.372	8785.033	4.949	5973.823	132.444	
1.002	14.699				
12/10/2015 6:45:00 AM	758700.000	11.960	17.642	27.260	
7544.925	8778.748	4.945	5969.549	132.539	
1.002	14.697				
12/10/2015 6:50:00 AM	759000.000	11.959	17.641	27.259	
7541.167	8774.428	4.942	5966.611	132.605	
1.002	14.696				
12/10/2015 6:55:00 AM	759300.000	11.960	17.641	27.259	
7535.184	8767.432	4.938	5961.854	132.711	
1.002	14.694				
12/10/2015 7:00:00 AM	759600.000	11.960	17.642	27.260	
7534.719	8766.840	4.938	5961.452	132.719	
1.002	14.692				
12/10/2015 7:05:00 AM	759900.000	11.956	17.641	27.252	
7527.271	8758.275	4.933	5955.628	132.850	
1.002	14.693				
12/10/2015 7:10:00 AM	760200.000	11.957	17.641	27.253	
7521.134	8751.085	4.928	5950.738	132.959	
1.002	14.695				
12/10/2015 7:15:00 AM	760500.000	11.958	17.641	27.255	
7519.406	8749.158	4.927	5949.428	132.989	
1.002	14.696				
12/10/2015 7:20:00 AM	760800.000	11.960	17.641	27.261	
7512.344	8740.857	4.922	5943.783	133.114	
1.002	14.694				
12/10/2015 7:25:00 AM	761100.000	11.961	17.641	27.262	
7508.591	8736.490	4.919	5940.813	133.181	
1.002	14.693				
12/10/2015 7:30:00 AM	761400.000	11.962	17.641	27.266	
7505.384	8732.826	4.917	5938.322	133.238	
1.002	14.692				
12/10/2015 7:35:00 AM	761700.000	11.961	17.641	27.262	
7499.237	8725.691	4.913	5933.471	133.347	
1.002	14.692				
12/10/2015 7:40:00 AM	762000.000	11.961	17.641	27.263	
7495.845	8721.828	4.911	5930.843	133.407	
1.002	14.693				
12/10/2015 7:45:00 AM	762300.000	11.961	17.641	27.263	
7490.897	8715.987	4.907	5926.872	133.495	
1.002	14.693				
12/10/2015 7:50:00 AM	762600.000	11.960	17.641	27.260	
7487.430	8711.869	4.905	5924.072	133.557	
1.002	14.694				
12/10/2015 7:55:00 AM	762900.000	11.958	17.641	27.255	
7482.546	8706.220	4.901	5920.230	133.644	
1.002	14.696				
12/10/2015 8:00:00 AM	763200.000	11.958	17.642	27.256	
7478.291	8701.165	4.898	5916.793	133.720	
1.002	14.697				
12/10/2015 8:05:00 AM	763500.000	11.958	17.641	27.256	
7473.747	8695.947	4.895	5913.244	133.802	

1.002	14.696			
12/10/2015 8:10:00 AM	763800.000	11.962	17.641	27.266
7470.456	8692.203	4.893	5910.698	133.861
1.002	14.695			
12/10/2015 8:15:00 AM	764100.000	11.963	17.642	27.268
7467.982	8689.223	4.891	5908.672	133.905
1.002	14.694			
12/10/2015 8:20:00 AM	764400.000	11.959	17.641	27.258
7464.241	8684.972	4.888	5905.781	133.972
1.002	14.700			
12/10/2015 8:25:00 AM	764700.000	11.955	17.641	27.249
7463.613	8684.207	4.888	5905.261	133.983
1.002	14.707			
12/10/2015 8:30:00 AM	765000.000	11.950	17.641	27.237
7462.318	8682.684	4.887	5904.226	134.007
1.002	14.714			
12/10/2015 8:35:00 AM	765300.000	11.955	17.641	27.249
7456.982	8676.575	4.883	5900.072	134.103
1.002	14.712			
12/10/2015 8:40:00 AM	765600.000	11.959	17.641	27.258
7456.140	8675.527	4.883	5899.359	134.118
1.002	14.710			
12/10/2015 8:45:00 AM	765900.000	11.961	17.641	27.264
7451.275	8669.851	4.879	5895.499	134.205
1.002	14.708			
12/10/2015 8:50:00 AM	766200.000	11.962	17.641	27.265
7451.462	8670.053	4.879	5895.636	134.202
1.002	14.710			
12/10/2015 8:55:00 AM	766500.000	11.961	17.642	27.262
7453.633	8672.526	4.881	5897.318	134.163
1.002	14.711			
12/10/2015 9:00:00 AM	766800.000	11.959	17.642	27.258
7450.457	8668.831	4.879	5894.806	134.220
1.002	14.713			
12/10/2015 9:05:00 AM	767100.000	11.958	17.641	27.255
7450.743	8669.248	4.879	5895.089	134.215
1.002	14.714			
12/10/2015 9:10:00 AM	767400.000	11.957	17.641	27.253
7447.724	8665.753	4.877	5892.712	134.269
1.002	14.715			
12/10/2015 9:15:00 AM	767700.000	11.956	17.641	27.252
7445.153	8662.693	4.875	5890.632	134.316
1.002	14.716			
12/10/2015 9:20:00 AM	768000.000	11.957	17.641	27.255
7443.468	8660.752	4.874	5889.312	134.346
1.002	14.717			
12/10/2015 9:25:00 AM	768300.000	11.958	17.641	27.255
7438.933	8655.474	4.871	5885.723	134.428
1.002	14.719			
12/10/2015 9:30:00 AM	768600.000	11.956	17.642	27.252
7438.748	8655.191	4.870	5885.530	134.431
1.002	14.720			
12/10/2015 9:35:00 AM	768900.000	11.952	17.641	27.243
7434.224	8650.045	4.867	5882.031	134.513
1.002	14.722			
12/10/2015 9:40:00 AM	769200.000	11.952	17.641	27.243
7432.436	8647.980	4.866	5880.627	134.545
1.002	14.723			

12/10/2015 9:45:00 AM	769500.000	11.950	17.641	27.238
7430.169	8645.327	4.864	5878.823	134.586
1.002	14.724			
12/10/2015 9:50:00 AM	769800.000	11.951	17.641	27.240
7428.394	8643.278	4.863	5877.430	134.619
1.002	14.722			
12/10/2015 9:55:00 AM	770100.000	11.952	17.641	27.242
7426.130	8640.559	4.862	5875.580	134.660
1.002	14.721			
12/10/2015 10:00:00 AM	770400.000	11.953	17.641	27.245
7422.479	8636.296	4.859	5872.682	134.726
1.002	14.720			
12/10/2015 10:05:00 AM	770700.000	11.953	17.642	27.246
7421.625	8635.202	4.858	5871.938	134.741
1.002	14.719			
12/10/2015 10:10:00 AM	771000.000	11.958	17.641	27.255
7419.236	8632.523	4.857	5870.117	134.785
1.002	14.719			
12/10/2015 10:15:00 AM	771300.000	11.961	17.641	27.262
7418.888	8632.233	4.857	5869.919	134.791
1.002	14.719			
12/10/2015 10:20:00 AM	771600.000	11.957	17.641	27.255
7420.168	8633.607	4.857	5870.854	134.768
1.002	14.723			
12/10/2015 10:25:00 AM	771900.000	11.953	17.641	27.244
7415.044	8627.778	4.854	5866.890	134.861
1.002	14.727			
12/10/2015 10:30:00 AM	772200.000	11.949	17.641	27.236
7415.335	8628.034	4.854	5867.063	134.856
1.002	14.732			
12/10/2015 10:35:00 AM	772500.000	11.953	17.641	27.244
7414.617	8627.183	4.853	5866.485	134.869
1.002	14.728			
12/10/2015 10:40:00 AM	772800.000	11.954	17.641	27.247
7412.001	8624.171	4.852	5864.436	134.916
1.002	14.724			
12/10/2015 10:45:00 AM	773100.000	11.956	17.641	27.251
7412.243	8624.436	4.852	5864.616	134.912
1.002	14.720			
12/10/2015 10:50:00 AM	773400.000	11.954	17.641	27.247
7410.241	8622.189	4.850	5863.089	134.948
1.002	14.715			
12/10/2015 10:55:00 AM	773700.000	11.956	17.642	27.252
7408.672	8620.197	4.849	5861.735	134.977
1.002	14.711			
12/10/2015 11:00:00 AM	774000.000	11.954	17.641	27.247
7407.789	8619.219	4.849	5861.069	134.993
1.002	14.706			
12/10/2015 11:05:00 AM	774300.000	11.953	17.642	27.244
7405.310	8616.270	4.847	5859.063	135.038
1.002	14.706			
12/10/2015 11:10:00 AM	774600.000	11.954	17.641	27.246
7406.965	8618.295	4.848	5860.441	135.008
1.002	14.706			
12/10/2015 11:15:00 AM	774900.000	11.957	17.641	27.253
7405.168	8616.154	4.847	5858.985	135.041
1.002	14.706			

12/10/2015 11:20:00 AM	775200.000		11.956	17.641	27.252
7404.290	8615.247	4.846		5858.368	135.057
1.002	14.710				
12/10/2015 11:25:00 AM	775500.000		11.954	17.641	27.248
7407.238	8618.662	4.848		5860.690	135.003
1.002	14.713				
12/10/2015 11:30:00 AM	775800.000		11.952	17.641	27.243
7405.789	8617.009	4.847		5859.566	135.030
1.002	14.717				
12/10/2015 11:35:00 AM	776100.000		11.954	17.641	27.247
7405.936	8617.113	4.847		5859.637	135.027
1.002	14.716				
12/10/2015 11:40:00 AM	776400.000		11.952	17.641	27.241
7405.595	8616.651	4.847		5859.323	135.033
1.002	14.714				
12/10/2015 11:45:00 AM	776700.000		11.952	17.641	27.242
7405.391	8616.428	4.847		5859.171	135.037
1.002	14.712				
12/10/2015 11:50:00 AM	777000.000		11.956	17.641	27.251
7405.275	8616.278	4.847		5859.070	135.039
1.002	14.712				
12/10/2015 11:55:00 AM	777300.000		11.953	17.641	27.244
7404.964	8615.931	4.847		5858.833	135.045
1.002	14.713				
12/10/2015 12:00:00 PM	777600.000		11.951	17.641	27.240
7404.450	8615.333	4.846		5858.427	135.054
1.002	14.713				
12/10/2015 12:05:00 PM	777900.000		11.952	17.641	27.242
7404.095	8614.972	4.846		5858.181	135.060
1.002	14.712				
12/10/2015 12:10:00 PM	778200.000		11.952	17.641	27.243
7405.026	8616.072	4.847		5858.930	135.043
1.002	14.710				
12/10/2015 12:15:00 PM	778500.000		11.953	17.641	27.244
7401.883	8612.346	4.845		5856.395	135.101
1.002	14.709				
12/10/2015 12:20:00 PM	778800.000		11.952	17.641	27.242
7400.211	8610.437	4.843		5855.097	135.131
1.002	14.710				
12/10/2015 12:25:00 PM	779100.000		11.953	17.641	27.244
7403.143	8613.944	4.846		5857.483	135.078
1.002	14.710				
12/10/2015 12:30:00 PM	779400.000		11.953	17.641	27.244
7401.270	8611.766	4.844		5856.001	135.112
1.002	14.711				
12/10/2015 12:35:00 PM	779700.000		11.952	17.642	27.242
7402.140	8612.581	4.845		5856.556	135.096
1.002	14.710				
12/10/2015 12:40:00 PM	780000.000		11.953	17.641	27.245
7401.615	8612.136	4.844		5856.252	135.106
1.002	14.709				
12/10/2015 12:45:00 PM	780300.000		11.950	17.642	27.237
7403.964	8614.736	4.846		5858.021	135.063
1.002	14.709				
12/10/2015 12:50:00 PM	780600.000		11.948	17.641	27.233
7402.226	8612.846	4.845		5856.736	135.094
1.002	14.708				
12/10/2015 12:55:00 PM	780900.000		11.949	17.641	27.235

7402.619	8613.288	4.845	5857.037	135.087
1.002	14.706			
12/10/2015 1:00:00 PM	781200.000	11.951	17.641	27.240
7401.536	8611.994	4.844	5856.156	135.107
1.002	14.705			
12/10/2015 1:05:00 PM	781500.000	11.955	17.642	27.249
7400.830	8611.089	4.844	5855.541	135.120
1.002	14.702			
12/10/2015 1:10:00 PM	781800.000	11.955	17.641	27.250
7400.710	8611.100	4.844	5855.548	135.122
1.002	14.699			
12/10/2015 1:15:00 PM	782100.000	11.952	17.641	27.242
7400.681	8611.016	4.844	5855.491	135.123
1.002	14.696			
12/10/2015 1:20:00 PM	782400.000	11.953	17.642	27.245
7400.041	8610.119	4.843	5854.881	135.134
1.002	14.696			
12/10/2015 1:25:00 PM	782700.000	11.954	17.641	27.247
7400.458	8610.740	4.844	5855.303	135.127
1.002	14.695			
12/10/2015 1:30:00 PM	783000.000	11.954	17.641	27.246
7403.636	8614.372	4.846	5857.773	135.069
1.002	14.695			
12/10/2015 1:35:00 PM	783300.000	11.954	17.641	27.247
7401.934	8612.425	4.845	5856.449	135.100
1.002	14.697			
12/10/2015 1:40:00 PM	783600.000	11.955	17.641	27.249
7404.152	8614.986	4.846	5858.191	135.059
1.002	14.698			
12/10/2015 1:45:00 PM	783900.000	11.950	17.642	27.239
7403.644	8614.298	4.846	5857.723	135.069
1.002	14.699			
12/10/2015 1:50:00 PM	784200.000	11.944	17.640	27.223
7401.908	8612.560	4.845	5856.541	135.100
1.002	14.699			
12/10/2015 1:55:00 PM	784500.000	11.947	17.641	27.230
7402.317	8612.920	4.845	5856.786	135.093
1.002	14.698			
12/10/2015 2:00:00 PM	784800.000	11.947	17.641	27.231
7402.708	8613.358	4.845	5857.084	135.086
1.002	14.698			
12/10/2015 2:05:00 PM	785100.000	11.946	17.642	27.230
7403.522	8614.222	4.846	5857.671	135.071
1.002	14.696			
12/10/2015 2:10:00 PM	785400.000	11.946	17.641	27.229
7402.566	8613.176	4.845	5856.960	135.088
1.002	14.694			
12/10/2015 2:15:00 PM	785700.000	11.945	17.642	27.227
7403.735	8614.453	4.846	5857.829	135.067
1.002	14.692			
12/10/2015 2:20:00 PM	786000.000	11.948	17.641	27.234
7401.137	8611.529	4.844	5855.840	135.114
1.002	14.692			
12/10/2015 2:25:00 PM	786300.000	11.949	17.641	27.235
7402.522	8613.075	4.845	5856.891	135.089
1.002	14.691			
12/10/2015 2:30:00 PM	786600.000	11.953	17.641	27.244

7402.463	8613.072	4.845	5856.889	135.090
1.002	14.690			
12/10/2015 2:35:00 PM	786900.000	11.953	17.641	27.244
7402.027	8612.515	4.845	5856.511	135.098
1.002	14.690			
12/10/2015 2:40:00 PM	787200.000	11.951	17.641	27.240
7402.177	8612.841	4.845	5856.732	135.095
1.002	14.691			
12/10/2015 2:45:00 PM	787500.000	11.950	17.641	27.237
7403.990	8614.817	4.846	5858.076	135.062
1.002	14.691			
12/10/2015 2:50:00 PM	787800.000	11.948	17.641	27.233
7402.406	8613.006	4.845	5856.844	135.091
1.002	14.693			
12/10/2015 2:55:00 PM	788100.000	11.945	17.642	27.226
7405.709	8616.767	4.847	5859.402	135.031
1.002	14.695			
12/10/2015 3:00:00 PM	788400.000	11.941	17.642	27.218
7403.267	8613.908	4.845	5857.458	135.076
1.002	14.697			
12/10/2015 3:05:00 PM	788700.000	11.945	17.642	27.225
7403.741	8614.477	4.846	5857.844	135.067
1.002	14.695			
12/10/2015 3:10:00 PM	789000.000	11.945	17.641	27.227
7405.721	8616.798	4.847	5859.423	135.031
1.002	14.692			
12/10/2015 3:15:00 PM	789300.000	11.948	17.641	27.234
7404.081	8614.890	4.846	5858.125	135.061
1.002	14.690			
12/10/2015 3:20:00 PM	789600.000	11.944	17.642	27.225
7406.784	8617.965	4.848	5860.217	135.011
1.002	14.693			
12/10/2015 3:25:00 PM	789900.000	11.942	17.641	27.219
7404.641	8615.541	4.846	5858.568	135.050
1.002	14.696			
12/10/2015 3:30:00 PM	790200.000	11.940	17.641	27.216
7407.670	8619.148	4.849	5861.021	134.995
1.002	14.698			
12/10/2015 3:35:00 PM	790500.000	11.943	17.642	27.222
7404.349	8615.184	4.846	5858.325	135.056
1.002	14.697			
12/10/2015 3:40:00 PM	790800.000	11.943	17.641	27.223
7404.825	8615.788	4.847	5858.736	135.047
1.002	14.695			
12/10/2015 3:45:00 PM	791100.000	11.945	17.641	27.227
7407.065	8618.376	4.848	5860.496	135.006
1.002	14.693			
12/10/2015 3:50:00 PM	791400.000	11.947	17.642	27.230
7405.918	8617.009	4.847	5859.566	135.027
1.002	14.690			
12/10/2015 3:55:00 PM	791700.000	11.950	17.641	27.238
7407.073	8618.420	4.848	5860.525	135.006
1.002	14.688			
12/10/2015 4:00:00 PM	792000.000	11.952	17.641	27.242
7404.193	8615.020	4.846	5858.213	135.059
1.002	14.685			
12/10/2015 4:05:00 PM	792300.000	11.951	17.642	27.239
7404.682	8615.538	4.846	5858.566	135.050

1.002	14.687			
12/10/2015 4:10:00 PM	792600.000	11.946	17.641	27.229
7404.215	8615.096	4.846	5858.266	135.058
1.002	14.690			
12/10/2015 4:15:00 PM	792900.000	11.943	17.641	27.222
7407.379	8618.793	4.848	5860.780	135.001
1.002	14.692			
12/10/2015 4:20:00 PM	793200.000	11.944	17.641	27.224
7406.675	8617.941	4.848	5860.200	135.013
1.002	14.691			
12/10/2015 4:25:00 PM	793500.087	11.946	17.642	27.230
7401.907	8612.177	4.844	5856.280	135.100
1.002	14.690			
12/10/2015 4:30:00 PM	793800.000	11.946	17.642	27.229
7407.799	8619.032	4.849	5860.942	134.993
1.002	14.689			
12/10/2015 4:35:00 PM	794100.000	11.946	17.642	27.228
7409.097	8620.590	4.850	5862.001	134.969
1.002	14.690			
12/10/2015 4:40:00 PM	794400.000	11.944	17.642	27.225
7409.246	8620.731	4.850	5862.098	134.967
1.002	14.692			
12/10/2015 4:45:00 PM	794700.000	11.943	17.642	27.221
7408.331	8619.733	4.849	5861.419	134.983
1.002	14.694			
12/10/2015 4:50:00 PM	795000.000	11.944	17.642	27.225
7408.476	8619.969	4.849	5861.579	134.981
1.002	14.691			
12/10/2015 4:55:00 PM	795300.000	11.946	17.641	27.229
7410.884	8622.870	4.851	5863.552	134.937
1.002	14.689			
12/10/2015 5:00:00 PM	795600.000	11.947	17.642	27.231
7409.980	8621.719	4.850	5862.769	134.953
1.002	14.686			
12/10/2015 5:05:00 PM	795900.000	11.948	17.641	27.232
7410.836	8622.782	4.851	5863.493	134.938
1.002	14.685			
12/10/2015 5:10:00 PM	796200.000	11.947	17.642	27.231
7409.525	8621.071	4.850	5862.329	134.961
1.002	14.684			
12/10/2015 5:15:00 PM	796500.000	11.945	17.641	27.226
7410.503	8622.396	4.851	5863.229	134.944
1.002	14.683			
12/10/2015 5:20:00 PM	796800.000	11.945	17.642	27.227
7411.586	8623.521	4.851	5863.995	134.924
1.002	14.685			
12/10/2015 5:25:00 PM	797100.000	11.940	17.641	27.216
7409.581	8621.288	4.850	5862.477	134.960
1.002	14.687			
12/10/2015 5:30:00 PM	797400.000	11.942	17.642	27.220
7410.352	8622.051	4.850	5862.995	134.946
1.002	14.689			
12/10/2015 5:35:00 PM	797700.000	11.942	17.642	27.219
7411.249	8623.195	4.851	5863.773	134.930
1.002	14.689			
12/10/2015 5:40:00 PM	798000.000	11.943	17.641	27.222
7413.459	8625.851	4.853	5865.579	134.890

1.002	14.689			
12/10/2015 5:45:00 PM	798300.000	11.942	17.642	27.220
7412.962	8625.104	4.852	5865.072	134.899
1.002	14.688			
12/10/2015 5:50:00 PM	798600.000	11.941	17.641	27.218
7410.878	8622.813	4.851	5863.513	134.937
1.002	14.688			
12/10/2015 5:55:00 PM	798900.000	11.943	17.642	27.221
7410.759	8622.524	4.851	5863.317	134.939
1.002	14.687			
12/10/2015 6:00:00 PM	799200.000	11.942	17.641	27.220
7415.976	8628.729	4.854	5867.537	134.844
1.002	14.687			
12/10/2015 6:05:00 PM	799500.000	11.941	17.642	27.218
7414.097	8626.525	4.853	5866.038	134.878
1.002	14.686			
12/10/2015 6:10:00 PM	799800.000	11.944	17.641	27.225
7417.000	8629.987	4.855	5868.392	134.825
1.002	14.685			
12/10/2015 6:15:00 PM	800100.000	11.943	17.642	27.223
7414.810	8627.339	4.854	5866.590	134.865
1.002	14.684			
12/10/2015 6:20:00 PM	800400.000	11.946	17.642	27.229
7416.670	8629.520	4.855	5868.073	134.831
1.002	14.684			
12/10/2015 6:25:00 PM	800700.000	11.944	17.641	27.224
7416.546	8629.407	4.855	5867.997	134.834
1.002	14.684			
12/10/2015 6:30:00 PM	801000.000	11.941	17.641	27.218
7417.953	8631.044	4.856	5869.110	134.808
1.002	14.684			
12/10/2015 6:35:00 PM	801300.000	11.942	17.641	27.219
7418.835	8632.105	4.856	5869.832	134.792
1.002	14.684			
12/10/2015 6:40:00 PM	801600.000	11.941	17.641	27.218
7418.155	8631.279	4.856	5869.271	134.804
1.002	14.685			
12/10/2015 6:45:00 PM	801900.000	11.941	17.642	27.216
7418.331	8631.436	4.856	5869.376	134.801
1.002	14.685			
12/10/2015 6:50:00 PM	802200.000	11.942	17.641	27.219
7420.438	8633.954	4.858	5871.089	134.763
1.002	14.683			
12/10/2015 6:55:00 PM	802500.000	11.943	17.641	27.221
7418.878	8632.156	4.856	5869.866	134.791
1.002	14.680			
12/10/2015 7:00:00 PM	802800.000	11.946	17.642	27.228
7417.707	8630.693	4.856	5868.872	134.813
1.002	14.678			
12/10/2015 7:05:00 PM	803100.000	11.946	17.641	27.229
7420.606	8634.184	4.858	5871.246	134.760
1.002	14.677			
12/10/2015 7:10:00 PM	803400.000	11.943	17.641	27.222
7419.437	8632.790	4.857	5870.297	134.781
1.002	14.675			
12/10/2015 7:15:00 PM	803700.000	11.948	17.642	27.233
7417.210	8630.132	4.855	5868.490	134.822
1.002	14.674			

12/10/2015 7:20:00 PM	804000.000	11.943	17.642	27.222
7418.361	8631.486	4.856	5869.411	134.801
1.002	14.679			
12/10/2015 7:25:00 PM	804300.000	11.945	17.641	27.225
7418.544	8631.732	4.856	5869.578	134.797
1.002	14.684			
12/10/2015 7:30:00 PM	804600.000	11.938	17.641	27.211
7419.879	8633.285	4.857	5870.634	134.773
1.002	14.690			
12/10/2015 7:35:00 PM	804900.000	11.939	17.641	27.212
7420.902	8634.545	4.858	5871.491	134.755
1.002	14.688			
12/10/2015 7:40:00 PM	805200.000	11.941	17.641	27.217
7418.896	8632.161	4.856	5869.870	134.791
1.002	14.686			
12/10/2015 7:45:00 PM	805500.000	11.944	17.641	27.223
7422.039	8635.851	4.859	5872.379	134.734
1.002	14.684			
12/10/2015 7:50:00 PM	805800.000	11.941	17.641	27.217
7419.539	8633.008	4.857	5870.446	134.779
1.002	14.686			
12/10/2015 7:55:00 PM	806100.000	11.940	17.641	27.216
7419.893	8633.337	4.857	5870.669	134.773
1.002	14.688			
12/10/2015 8:00:00 PM	806400.000	11.939	17.641	27.214
7418.985	8632.280	4.857	5869.951	134.789
1.002	14.690			
12/10/2015 8:05:00 PM	806700.000	11.942	17.642	27.219
7417.159	8630.072	4.855	5868.450	134.823
1.002	14.688			
12/10/2015 8:10:00 PM	807000.000	11.944	17.641	27.224
7418.761	8631.970	4.856	5869.740	134.793
1.002	14.685			
12/10/2015 8:15:00 PM	807300.000	11.946	17.641	27.228
7416.128	8628.973	4.855	5867.702	134.841
1.002	14.682			
12/10/2015 8:20:00 PM	807600.000	11.942	17.642	27.219
7416.889	8629.774	4.855	5868.247	134.827
1.002	14.685			
12/10/2015 8:25:00 PM	807900.000	11.939	17.641	27.214
7416.825	8629.732	4.855	5868.218	134.829
1.002	14.688			
12/10/2015 8:30:00 PM	808200.000	11.938	17.641	27.211
7415.566	8628.287	4.854	5867.236	134.851
1.002	14.691			
12/10/2015 8:35:00 PM	808500.000	11.937	17.641	27.208
7415.434	8628.164	4.854	5867.152	134.854
1.002	14.690			
12/10/2015 8:40:00 PM	808800.000	11.938	17.641	27.211
7417.806	8630.859	4.856	5868.985	134.811
1.002	14.689			
12/10/2015 8:45:00 PM	809100.000	11.937	17.641	27.208
7415.009	8627.619	4.854	5866.782	134.862
1.002	14.688			
12/10/2015 8:50:00 PM	809400.000	11.937	17.641	27.209
7414.634	8627.183	4.853	5866.485	134.868
1.002	14.687			

12/10/2015 8:55:00 PM	809700.000	11.938	17.641	27.211
7416.393	8629.280	4.855	5867.911	134.836
1.002	14.686			
12/10/2015 9:00:00 PM	810000.000	11.937	17.642	27.208
7415.522	8628.167	4.854	5867.154	134.852
1.002	14.685			
12/10/2015 9:05:00 PM	810300.000	11.937	17.641	27.208
7415.250	8627.919	4.854	5866.985	134.857
1.002	14.685			
12/10/2015 9:10:00 PM	810600.000	11.937	17.642	27.209
7415.347	8627.980	4.854	5867.027	134.855
1.002	14.685			
12/10/2015 9:15:00 PM	810900.000	11.938	17.641	27.210
7414.278	8626.837	4.853	5866.249	134.875
1.002	14.684			
12/10/2015 9:20:00 PM	811200.000	11.937	17.641	27.209
7414.826	8627.392	4.854	5866.627	134.865
1.002	14.683			
12/10/2015 9:25:00 PM	811500.000	11.939	17.641	27.212
7414.694	8627.253	4.854	5866.532	134.867
1.002	14.681			
12/10/2015 9:30:00 PM	811800.000	11.942	17.641	27.219
7414.865	8627.537	4.854	5866.726	134.864
1.002	14.679			
12/10/2015 9:35:00 PM	812100.000	11.939	17.641	27.214
7414.530	8627.146	4.853	5866.460	134.870
1.002	14.678			
12/10/2015 9:40:00 PM	812400.000	11.938	17.641	27.211
7415.032	8627.730	4.854	5866.857	134.861
1.002	14.678			
12/10/2015 9:45:00 PM	812700.000	11.937	17.641	27.209
7414.549	8627.185	4.853	5866.485	134.870
1.002	14.677			
12/10/2015 9:50:00 PM	813000.000	11.937	17.641	27.209
7414.734	8627.318	4.854	5866.577	134.867
1.002	14.679			
12/10/2015 9:55:00 PM	813300.000	11.942	17.641	27.219
7414.750	8627.419	4.854	5866.646	134.866
1.002	14.680			
12/10/2015 10:00:00 PM	813600.000	11.938	17.641	27.210
7416.474	8629.408	4.855	5867.998	134.835
1.002	14.682			
12/10/2015 10:05:00 PM	813900.000	11.938	17.641	27.210
7416.928	8629.888	4.855	5868.324	134.827
1.002	14.681			
12/10/2015 10:10:00 PM	814200.000	11.937	17.641	27.209
7416.628	8629.538	4.855	5868.086	134.832
1.002	14.680			
12/10/2015 10:15:00 PM	814500.000	11.937	17.641	27.209
7415.469	8628.287	4.854	5867.236	134.853
1.002	14.679			
12/10/2015 10:20:00 PM	814800.000	11.940	17.641	27.215
7415.809	8628.568	4.854	5867.427	134.847
1.002	14.679			
12/10/2015 10:25:00 PM	815100.000	11.939	17.641	27.214
7413.666	8626.175	4.853	5865.799	134.886
1.002	14.679			
12/10/2015 10:30:00 PM	815400.000	11.938	17.641	27.210

7416.136	8628.999	4.855	5867.720	134.841
1.002	14.679			
12/10/2015 10:35:00 PM	815700.000	11.937	17.641	27.209
7415.264	8627.935	4.854	5866.996	134.857
1.002	14.679			
12/10/2015 10:40:00 PM	816000.000	11.940	17.642	27.215
7422.104	8635.809	4.859	5872.350	134.733
1.002	14.679			
12/10/2015 10:45:00 PM	816300.000	11.939	17.641	27.214
7439.140	8655.747	4.871	5885.909	134.424
1.002	14.678			
12/10/2015 10:50:00 PM	816600.000	11.938	17.641	27.210
7460.071	8680.069	4.885	5902.448	134.047
1.002	14.678			
12/10/2015 10:55:00 PM	816900.000	11.939	17.641	27.213
7481.191	8704.609	4.900	5919.135	133.669
1.002	14.677			
12/10/2015 11:00:00 PM	817200.000	11.939	17.641	27.213
7499.676	8726.167	4.913	5933.793	133.339
1.002	14.676			
12/10/2015 11:05:00 PM	817500.000	11.941	17.642	27.217
7516.804	8745.996	4.925	5947.277	133.035
1.002	14.675			
12/10/2015 11:10:00 PM	817800.000	11.941	17.641	27.217
7533.484	8765.538	4.937	5960.566	132.741
1.002	14.674			
12/10/2015 11:15:00 PM	818100.000	11.941	17.642	27.216
7547.444	8781.679	4.947	5971.542	132.495
1.002	14.673			
12/10/2015 11:20:00 PM	818400.000	11.939	17.641	27.212
7562.134	8798.840	4.957	5983.211	132.238
1.002	14.673			
12/10/2015 11:25:00 PM	818700.000	11.937	17.641	27.207
7573.680	8812.223	4.965	5992.312	132.036
1.002	14.672			
12/10/2015 11:30:00 PM	819000.000	11.937	17.641	27.208
7587.450	8828.245	4.975	6003.207	131.797
1.002	14.672			
12/10/2015 11:35:00 PM	819300.000	11.940	17.642	27.214
7595.347	8837.382	4.980	6009.420	131.660
1.002	14.667			
12/10/2015 11:40:00 PM	819600.000	11.943	17.643	27.221
7607.599	8851.482	4.989	6019.009	131.448
1.002	14.663			
12/10/2015 11:45:00 PM	819900.000	11.945	17.641	27.227
7618.479	8864.348	4.997	6027.757	131.260
1.002	14.659			
12/10/2015 11:50:00 PM	820200.000	11.947	17.641	27.232
7629.143	8876.757	5.004	6036.195	131.076
1.002	14.665			
12/10/2015 11:55:00 PM	820500.000	11.951	17.642	27.240
7640.651	8890.095	5.012	6045.265	130.879
1.002	14.671			
12/11/2015 12:00:00 AM	820800.000	11.942	17.642	27.220
7653.643	8905.211	5.021	6055.544	130.657
1.003	14.677			
12/11/2015 12:05:00 AM	821100.000	11.940	17.642	27.216

7664.367	8917.705	5.029	6064.040	130.474
1.003	14.676			
12/11/2015 12:10:00 AM	821400.000	11.941	17.642	27.218
7671.751	8926.175	5.034	6069.799	130.348
1.003	14.675			
12/11/2015 12:15:00 AM	821700.000	11.942	17.642	27.219
7683.013	8939.364	5.042	6078.768	130.157
1.003	14.675			
12/11/2015 12:20:00 AM	822000.000	11.944	17.642	27.224
7689.301	8946.733	5.047	6083.779	130.051
1.003	14.673			
12/11/2015 12:25:00 AM	822300.000	11.947	17.642	27.231
7694.278	8952.438	5.050	6087.658	129.967
1.003	14.672			
12/11/2015 12:30:00 AM	822600.000	11.948	17.641	27.233
7702.336	8961.919	5.056	6094.105	129.831
1.003	14.671			
12/11/2015 12:35:00 AM	822900.000	11.949	17.642	27.236
7710.834	8971.788	5.062	6100.816	129.688
1.003	14.672			
12/11/2015 12:40:00 AM	823200.000	11.948	17.642	27.232
7714.365	8975.863	5.064	6103.587	129.628
1.003	14.674			
12/11/2015 12:45:00 AM	823500.000	11.944	17.642	27.223
7718.866	8981.100	5.067	6107.148	129.553
1.003	14.676			
12/11/2015 12:50:00 AM	823800.000	11.946	17.642	27.229
7723.623	8986.600	5.071	6110.888	129.473
1.003	14.672			
12/11/2015 12:55:00 AM	824100.000	11.946	17.642	27.228
7728.112	8991.857	5.074	6114.463	129.398
1.003	14.669			
12/11/2015 1:00:00 AM	824400.000	11.944	17.642	27.224
7730.322	8994.463	5.075	6116.235	129.361
1.003	14.666			
12/11/2015 1:05:00 AM	824700.000	11.944	17.641	27.225
7736.914	9002.186	5.080	6121.487	129.251
1.003	14.665			
12/11/2015 1:10:00 AM	825000.000	11.947	17.643	27.230
7736.900	9001.925	5.080	6121.309	129.251
1.003	14.664			
12/11/2015 1:15:00 AM	825300.000	11.951	17.642	27.241
7741.483	9007.362	5.083	6125.007	129.174
1.003	14.663			
12/11/2015 1:20:00 AM	825600.000	11.951	17.642	27.241
7744.868	9011.283	5.086	6127.673	129.118
1.003	14.664			
12/11/2015 1:25:00 AM	825900.000	11.952	17.642	27.243
7749.053	9016.188	5.089	6131.008	129.048
1.003	14.665			
12/11/2015 1:30:00 AM	826200.000	11.951	17.642	27.240
7753.007	9020.702	5.091	6134.078	128.982
1.003	14.666			
12/11/2015 1:35:00 AM	826500.000	11.949	17.642	27.235
7756.477	9024.895	5.094	6136.929	128.925
1.003	14.668			
12/11/2015 1:40:00 AM	826800.000	11.947	17.641	27.231
7758.774	9027.587	5.096	6138.760	128.886

1.003	14.669			
12/11/2015 1:45:00 AM	827100.000	11.944	17.641	27.225
7763.381	9032.962	5.099	6142.415	128.810
1.003	14.671			
12/11/2015 1:50:00 AM	827400.000	11.945	17.641	27.226
7765.609	9035.539	5.100	6144.167	128.773
1.003	14.669			
12/11/2015 1:55:00 AM	827700.000	11.947	17.642	27.231
7766.833	9036.944	5.101	6145.123	128.753
1.003	14.668			
12/11/2015 2:00:00 AM	828000.000	11.949	17.642	27.235
7767.533	9037.759	5.102	6145.677	128.741
1.003	14.667			
12/11/2015 2:05:00 AM	828300.000	11.950	17.642	27.237
7771.616	9042.492	5.105	6148.895	128.673
1.003	14.667			
12/11/2015 2:10:00 AM	828600.000	11.948	17.641	27.233
7770.479	9041.206	5.104	6148.021	128.692
1.003	14.667			
12/11/2015 2:15:00 AM	828900.000	11.952	17.642	27.242
7774.134	9045.423	5.106	6150.888	128.632
1.003	14.667			
12/11/2015 2:20:00 AM	829200.000	11.951	17.641	27.240
7778.905	9051.009	5.110	6154.687	128.553
1.003	14.667			
12/11/2015 2:25:00 AM	829500.000	11.950	17.642	27.238
7779.453	9051.560	5.110	6155.061	128.544
1.003	14.667			
12/11/2015 2:30:00 AM	829800.000	11.952	17.642	27.241
7781.494	9053.969	5.111	6156.699	128.510
1.003	14.666			
12/11/2015 2:35:00 AM	830100.000	11.955	17.642	27.249
7785.045	9058.118	5.114	6159.521	128.451
1.003	14.665			
12/11/2015 2:40:00 AM	830400.000	11.953	17.642	27.244
7790.184	9064.113	5.118	6163.598	128.367
1.003	14.664			
12/11/2015 2:45:00 AM	830700.000	11.950	17.642	27.239
7793.100	9067.490	5.120	6165.894	128.319
1.003	14.663			
12/11/2015 2:50:00 AM	831000.000	11.952	17.642	27.242
7800.451	9076.061	5.125	6171.722	128.198
1.003	14.661			
12/11/2015 2:55:00 AM	831300.000	11.952	17.641	27.242
7804.462	9080.781	5.128	6174.932	128.132
1.003	14.660			
12/11/2015 3:00:00 AM	831600.000	11.952	17.642	27.243
7805.594	9082.044	5.128	6175.791	128.113
1.003	14.658			
12/11/2015 3:05:00 AM	831900.000	11.951	17.642	27.239
7805.206	9081.575	5.128	6175.471	128.120
1.003	14.659			
12/11/2015 3:10:00 AM	832200.000	11.950	17.641	27.238
7806.364	9083.028	5.129	6176.460	128.101
1.003	14.660			
12/11/2015 3:15:00 AM	832500.000	11.949	17.641	27.235
7805.222	9081.630	5.128	6175.508	128.119

1.003	14.660			
12/11/2015 3:20:00 AM	832800.000	11.946	17.642	27.230
7805.667	9082.095	5.129	6175.825	128.112
1.003	14.660			
12/11/2015 3:25:00 AM	833100.000	11.947	17.641	27.230
7806.895	9083.629	5.129	6176.868	128.092
1.003	14.661			
12/11/2015 3:30:00 AM	833400.000	11.948	17.642	27.233
7806.705	9083.194	5.129	6176.572	128.095
1.003	14.661			
12/11/2015 3:35:00 AM	833700.000	11.951	17.642	27.240
7806.733	9083.335	5.129	6176.668	128.095
1.003	14.657			
12/11/2015 3:40:00 AM	834000.000	11.953	17.641	27.245
7807.570	9084.397	5.130	6177.391	128.081
1.003	14.653			
12/11/2015 3:45:00 AM	834300.000	11.957	17.642	27.254
7807.552	9084.253	5.130	6177.292	128.081
1.003	14.649			
12/11/2015 3:50:00 AM	834600.000	11.959	17.641	27.257
7810.458	9087.722	5.132	6179.651	128.033
1.003	14.650			
12/11/2015 3:55:00 AM	834900.000	11.958	17.642	27.256
7808.914	9085.873	5.131	6178.394	128.059
1.003	14.651			
12/11/2015 4:00:00 AM	835200.000	11.956	17.641	27.252
7811.096	9088.500	5.132	6180.181	128.023
1.003	14.652			
12/11/2015 4:05:00 AM	835500.000	11.955	17.641	27.248
7810.483	9087.787	5.132	6179.696	128.033
1.003	14.652			
12/11/2015 4:10:00 AM	835800.000	11.955	17.641	27.250
7811.349	9088.811	5.133	6180.391	128.019
1.003	14.652			
12/11/2015 4:15:00 AM	836100.000	11.956	17.641	27.252
7811.664	9089.194	5.133	6180.653	128.014
1.003	14.651			
12/11/2015 4:20:00 AM	836400.000	11.954	17.641	27.248
7812.153	9089.782	5.133	6181.052	128.006
1.003	14.651			
12/11/2015 4:25:00 AM	836700.000	11.955	17.642	27.249
7809.164	9086.198	5.131	6178.615	128.055
1.003	14.651			
12/11/2015 4:30:00 AM	837000.000	11.955	17.641	27.249
7802.226	9078.196	5.126	6173.173	128.169
1.003	14.650			
12/11/2015 4:35:00 AM	837300.000	11.958	17.641	27.255
7788.753	9062.483	5.117	6162.489	128.390
1.003	14.650			
12/11/2015 4:40:00 AM	837600.000	11.956	17.641	27.252
7774.826	9046.315	5.107	6151.495	128.620
1.003	14.649			
12/11/2015 4:45:00 AM	837900.000	11.955	17.642	27.250
7760.014	9028.993	5.096	6139.716	128.866
1.003	14.649			
12/11/2015 4:50:00 AM	838200.000	11.959	17.641	27.257
7745.714	9012.530	5.086	6128.521	129.104
1.003	14.646			

12/11/2015 4:55:00 AM	838500.000	11.960	17.641	27.261
7732.965	8997.626	5.077	6118.386	129.316
1.003	14.643			
12/11/2015 5:00:00 AM	838800.000	11.962	17.641	27.265
7722.145	8984.981	5.070	6109.788	129.498
1.003	14.639			
12/11/2015 5:05:00 AM	839100.000	11.966	17.642	27.274
7712.523	8973.753	5.063	6102.152	129.659
1.003	14.641			
12/11/2015 5:10:00 AM	839400.000	11.958	17.641	27.257
7704.134	8964.026	5.057	6095.538	129.800
1.003	14.642			
12/11/2015 5:15:00 AM	839700.000	11.958	17.641	27.256
7694.841	8953.214	5.050	6088.186	129.957
1.003	14.644			
12/11/2015 5:20:00 AM	840000.000	11.961	17.641	27.262
7687.128	8944.396	5.045	6082.189	130.088
1.003	14.643			
12/11/2015 5:25:00 AM	840300.000	11.959	17.641	27.258
7680.793	8937.006	5.041	6077.164	130.195
1.003	14.643			
12/11/2015 5:30:00 AM	840600.000	11.960	17.641	27.260
7674.119	8929.122	5.036	6071.804	130.308
1.003	14.642			
12/11/2015 5:35:00 AM	840900.000	11.963	17.641	27.267
7669.400	8923.665	5.033	6068.092	130.388
1.003	14.642			
12/11/2015 5:40:00 AM	841200.000	11.961	17.641	27.262
7664.749	8918.322	5.029	6064.459	130.467
1.003	14.643			
12/11/2015 5:45:00 AM	841500.000	11.959	17.641	27.258
7661.050	8913.896	5.027	6061.450	130.530
1.003	14.643			
12/11/2015 5:50:00 AM	841800.000	11.959	17.641	27.258
7653.685	8905.431	5.022	6055.693	130.656
1.003	14.646			
12/11/2015 5:55:00 AM	842100.000	11.961	17.640	27.262
7647.454	8898.250	5.017	6050.811	130.762
1.002	14.648			
12/11/2015 6:00:00 AM	842400.000	11.961	17.641	27.263
7640.927	8890.482	5.013	6045.528	130.874
1.002	14.650			
12/11/2015 6:05:00 AM	842700.000	11.958	17.641	27.256
7636.796	8885.712	5.010	6042.285	130.945
1.002	14.653			
12/11/2015 6:10:00 AM	843000.000	11.958	17.641	27.255
7630.585	8878.520	5.005	6037.394	131.052
1.002	14.656			
12/11/2015 6:15:00 AM	843300.000	11.959	17.641	27.258
7622.434	8869.102	5.000	6030.990	131.192
1.002	14.659			
12/11/2015 6:20:00 AM	843600.000	11.958	17.641	27.257
7617.386	8863.179	4.996	6026.962	131.279
1.002	14.658			
12/11/2015 6:25:00 AM	843900.000	11.961	17.641	27.264
7611.898	8856.742	4.992	6022.585	131.373
1.002	14.656			

12/11/2015 6:30:00 AM	844200.000	11.963	17.641	27.266
7600.962	8844.069	4.984	6013.967	131.562
1.002	14.655			
12/11/2015 6:35:00 AM	844500.000	11.960	17.641	27.261
7592.436	8834.164	4.978	6007.232	131.710
1.002	14.656			
12/11/2015 6:40:00 AM	844800.000	11.961	17.641	27.264
7588.204	8829.273	4.976	6003.906	131.783
1.002	14.658			
12/11/2015 6:45:00 AM	845100.000	11.963	17.641	27.267
7581.353	8821.270	4.971	5998.464	131.903
1.002	14.659			
12/11/2015 6:50:00 AM	845400.000	11.962	17.641	27.264
7574.091	8812.837	4.966	5992.729	132.029
1.002	14.658			
12/11/2015 6:55:00 AM	845700.000	11.965	17.641	27.272
7568.204	8805.937	4.961	5988.038	132.132
1.002	14.658			
12/11/2015 7:00:00 AM	846000.000	11.965	17.641	27.272
7561.414	8798.121	4.957	5982.722	132.250
1.002	14.657			
12/11/2015 7:05:00 AM	846300.000	11.961	17.642	27.263
7556.739	8792.461	4.953	5978.874	132.332
1.002	14.662			
12/11/2015 7:10:00 AM	846600.000	11.958	17.641	27.256
7551.016	8785.988	4.949	5974.473	132.433
1.002	14.667			
12/11/2015 7:15:00 AM	846900.000	11.955	17.641	27.249
7543.678	8777.416	4.944	5968.643	132.561
1.002	14.671			
12/11/2015 7:20:00 AM	847200.000	11.953	17.640	27.245
7536.718	8769.402	4.939	5963.194	132.684
1.002	14.671			
12/11/2015 7:25:00 AM	847500.000	11.954	17.640	27.247
7535.467	8767.947	4.938	5962.205	132.706
1.002	14.671			
12/11/2015 7:30:00 AM	847800.000	11.953	17.640	27.244
7529.567	8761.131	4.934	5957.569	132.810
1.002	14.671			
12/11/2015 7:35:00 AM	848100.000	11.953	17.640	27.245
7523.917	8754.509	4.930	5953.066	132.909
1.002	14.671			
12/11/2015 7:40:00 AM	848400.000	11.954	17.641	27.246
7517.293	8746.750	4.926	5947.790	133.027
1.002	14.670			
12/11/2015 7:45:00 AM	848700.000	11.956	17.641	27.253
7515.825	8744.991	4.925	5946.595	133.053
1.002	14.669			
12/11/2015 7:50:00 AM	849000.000	11.958	17.641	27.256
7510.668	8739.042	4.921	5942.549	133.144
1.002	14.668			
12/11/2015 7:55:00 AM	849300.000	11.960	17.641	27.260
7506.492	8734.183	4.918	5939.244	133.218
1.002	14.666			
12/11/2015 8:00:00 AM	849600.000	11.963	17.641	27.268
7503.362	8730.507	4.916	5936.745	133.274
1.002	14.665			
12/11/2015 8:05:00 AM	849900.000	11.963	17.641	27.266

7501.595	8728.484	4.915	5935.370	133.305
1.002	14.666			
12/11/2015 8:10:00 AM	850200.000	11.962	17.641	27.266
7494.687	8720.447	4.910	5929.904	133.428
1.002	14.668			
12/11/2015 8:15:00 AM	850500.000	11.965	17.641	27.272
7492.895	8718.327	4.908	5928.462	133.460
1.002	14.669			
12/11/2015 8:20:00 AM	850800.000	11.961	17.641	27.263
7488.397	8713.078	4.905	5924.894	133.540
1.002	14.672			
12/11/2015 8:25:00 AM	851100.000	11.960	17.641	27.260
7489.376	8714.233	4.906	5925.679	133.522
1.002	14.675			
12/11/2015 8:30:00 AM	851400.000	11.960	17.641	27.261
7485.422	8709.617	4.903	5922.540	133.593
1.002	14.679			
12/11/2015 8:35:00 AM	851700.000	11.960	17.641	27.260
7481.038	8704.565	4.900	5919.104	133.671
1.002	14.680			
12/11/2015 8:40:00 AM	852000.000	11.959	17.641	27.258
7481.203	8704.757	4.900	5919.235	133.668
1.002	14.681			
12/11/2015 8:45:00 AM	852300.000	11.956	17.641	27.252
7478.479	8701.603	4.898	5917.090	133.717
1.002	14.683			
12/11/2015 8:50:00 AM	852600.000	11.956	17.641	27.252
7473.331	8695.548	4.895	5912.973	133.809
1.002	14.682			
12/11/2015 8:55:00 AM	852900.000	11.958	17.641	27.255
7472.726	8694.908	4.894	5912.538	133.820
1.002	14.682			
12/11/2015 9:00:00 AM	853200.000	11.956	17.641	27.252
7469.476	8690.993	4.892	5909.876	133.878
1.002	14.682			
12/11/2015 9:05:00 AM	853500.000	11.956	17.641	27.251
7469.564	8691.197	4.892	5910.015	133.877
1.002	14.686			
12/11/2015 9:10:00 AM	853800.000	11.956	17.641	27.251
7466.701	8687.800	4.890	5907.705	133.928
1.002	14.690			
12/11/2015 9:15:00 AM	854100.000	11.954	17.641	27.248
7465.005	8685.811	4.889	5906.352	133.958
1.002	14.693			
12/11/2015 9:20:00 AM	854400.000	11.954	17.641	27.246
7465.056	8685.936	4.889	5906.437	133.957
1.002	14.692			
12/11/2015 9:25:00 AM	854700.000	11.955	17.641	27.250
7463.724	8684.336	4.888	5905.349	133.981
1.002	14.691			
12/11/2015 9:30:00 AM	855000.000	11.956	17.641	27.251
7458.149	8677.934	4.884	5900.995	134.082
1.002	14.690			
12/11/2015 9:35:00 AM	855300.000	11.956	17.641	27.252
7456.104	8675.554	4.883	5899.377	134.118
1.002	14.691			
12/11/2015 9:40:00 AM	855600.000	11.953	17.641	27.245

7453.243	8672.207	4.881	5897.102	134.170
1.002	14.693			
12/11/2015 9:45:00 AM	855900.000	11.953	17.641	27.245
7450.807	8669.290	4.879	5895.117	134.214
1.002	14.694			
12/11/2015 9:50:00 AM	856200.000	11.955	17.641	27.249
7450.991	8669.587	4.879	5895.319	134.210
1.002	14.693			
12/11/2015 9:55:00 AM	856500.000	11.955	17.641	27.249
7447.040	8664.873	4.876	5892.114	134.282
1.002	14.692			
12/11/2015 10:00:00 AM	856800.000	11.958	17.641	27.255
7444.340	8661.880	4.874	5890.079	134.330
1.002	14.691			
12/11/2015 10:05:00 AM	857100.000	11.957	17.641	27.253
7442.585	8659.857	4.873	5888.703	134.362
1.002	14.693			
12/11/2015 10:10:00 AM	857400.000	11.962	17.641	27.264
7440.521	8657.404	4.872	5887.035	134.399
1.002	14.695			
12/11/2015 10:15:00 AM	857700.000	11.955	17.641	27.249
7438.978	8655.559	4.871	5885.780	134.427
1.002	14.697			
12/11/2015 10:20:00 AM	858000.000	11.958	17.641	27.257
7436.169	8652.274	4.869	5883.547	134.478
1.002	14.696			
12/11/2015 10:25:00 AM	858300.000	11.959	17.641	27.259
7434.621	8650.490	4.868	5882.334	134.506
1.002	14.695			
12/11/2015 10:30:00 AM	858600.000	11.962	17.641	27.264
7434.590	8650.555	4.868	5882.377	134.506
1.002	14.694			
12/11/2015 10:35:00 AM	858900.000	11.959	17.641	27.258
7432.873	8648.537	4.866	5881.006	134.537
1.002	14.696			
12/11/2015 10:40:00 AM	859200.000	11.958	17.641	27.256
7428.439	8643.246	4.863	5877.408	134.618
1.002	14.699			
12/11/2015 10:45:00 AM	859500.000	11.955	17.641	27.250
7426.502	8641.110	4.862	5875.956	134.653
1.002	14.701			
12/11/2015 10:50:00 AM	859800.000	11.956	17.641	27.251
7424.333	8638.520	4.860	5874.194	134.692
1.002	14.701			
12/11/2015 10:55:00 AM	860100.000	11.956	17.641	27.251
7423.297	8637.363	4.860	5873.407	134.711
1.002	14.700			
12/11/2015 11:00:00 AM	860400.000	11.956	17.641	27.252
7421.950	8635.746	4.859	5872.308	134.735
1.002	14.700			
12/11/2015 11:05:00 AM	860700.000	11.955	17.641	27.250
7420.154	8633.738	4.857	5870.942	134.768
1.002	14.701			
12/11/2015 11:10:00 AM	861000.000	11.956	17.641	27.251
7419.471	8632.896	4.857	5870.370	134.781
1.002	14.702			
12/11/2015 11:15:00 AM	861300.000	11.954	17.641	27.246
7414.201	8626.698	4.853	5866.155	134.876

1.002	14.703			
12/11/2015 11:20:00 AM	861600.000	11.953	17.641	27.244
7411.874	8624.072	4.852	5864.370	134.919
1.002	14.702			
12/11/2015 11:25:00 AM	861900.000	11.955	17.641	27.249
7409.567	8621.420	4.850	5862.565	134.961
1.002	14.701			
12/11/2015 11:30:00 AM	862200.000	11.956	17.641	27.252
7409.977	8621.883	4.850	5862.881	134.953
1.002	14.700			
12/11/2015 11:35:00 AM	862500.000	11.957	17.641	27.253
7407.200	8618.651	4.848	5860.684	135.004
1.002	14.699			
12/11/2015 11:40:00 AM	862800.000	11.957	17.640	27.254
7406.422	8617.796	4.848	5860.101	135.018
1.002	14.698			
12/11/2015 11:45:00 AM	863100.000	11.958	17.640	27.255
7403.417	8614.315	4.846	5857.735	135.073
1.002	14.698			
12/11/2015 11:50:00 AM	863400.000	11.954	17.641	27.248
7403.030	8613.766	4.845	5857.361	135.080
1.002	14.699			
12/11/2015 11:55:00 AM	863700.000	11.954	17.641	27.247
7401.520	8612.042	4.844	5856.189	135.107
1.002	14.700			
12/11/2015 12:00:00 PM	864000.000	11.953	17.641	27.244
7398.949	8609.084	4.843	5854.177	135.154
1.002	14.701			
12/11/2015 12:05:00 PM	864300.000	11.954	17.641	27.247
7401.592	8612.077	4.844	5856.212	135.106
1.002	14.699			
12/11/2015 12:10:00 PM	864600.000	11.956	17.641	27.252
7398.437	8608.470	4.842	5853.760	135.164
1.002	14.697			
12/11/2015 12:15:00 PM	864900.000	11.957	17.641	27.253
7399.959	8610.177	4.843	5854.921	135.136
1.002	14.695			
12/11/2015 12:20:00 PM	865200.000	11.957	17.641	27.253
7397.133	8606.855	4.841	5852.662	135.188
1.002	14.694			
12/11/2015 12:25:00 PM	865500.000	11.956	17.641	27.251
7394.296	8603.651	4.839	5850.483	135.239
1.002	14.694			
12/11/2015 12:30:00 PM	865800.000	11.956	17.641	27.251
7393.833	8603.064	4.839	5850.084	135.248
1.002	14.694			
12/11/2015 12:35:00 PM	866100.000	11.953	17.641	27.245
7392.052	8600.976	4.838	5848.664	135.280
1.002	14.695			
12/11/2015 12:40:00 PM	866400.000	11.953	17.641	27.245
7392.030	8601.000	4.838	5848.681	135.281
1.002	14.696			
12/11/2015 12:45:00 PM	866700.000	11.954	17.641	27.246
7389.733	8598.328	4.836	5846.864	135.323
1.002	14.696			
12/11/2015 12:50:00 PM	867000.000	11.956	17.641	27.251
7390.342	8599.050	4.837	5847.354	135.312

1.002	14.694			
12/11/2015 12:55:00 PM	867300.000	11.956	17.642	27.251
7390.335	8598.878	4.836	5847.237	135.312
1.002	14.692			
12/11/2015 1:00:00 PM	867600.000	11.958	17.641	27.256
7388.169	8596.491	4.835	5845.614	135.352
1.002	14.689			
12/11/2015 1:05:00 PM	867900.000	11.957	17.641	27.255
7390.771	8599.437	4.837	5847.617	135.304
1.002	14.690			
12/11/2015 1:10:00 PM	868200.000	11.957	17.641	27.254
7389.643	8598.189	4.836	5846.770	135.325
1.002	14.691			
12/11/2015 1:15:00 PM	868500.000	11.956	17.641	27.252
7386.367	8594.278	4.834	5844.109	135.385
1.002	14.691			
12/11/2015 1:20:00 PM	868800.000	11.953	17.641	27.244
7385.001	8592.789	4.833	5843.097	135.410
1.002	14.693			
12/11/2015 1:25:00 PM	869100.000	11.952	17.641	27.242
7385.686	8593.569	4.833	5843.628	135.397
1.002	14.694			
12/11/2015 1:30:00 PM	869400.000	11.951	17.641	27.241
7385.610	8593.412	4.833	5843.521	135.398
1.002	14.696			
12/11/2015 1:35:00 PM	869700.000	11.950	17.641	27.239
7383.386	8590.942	4.832	5841.841	135.439
1.002	14.695			
12/11/2015 1:40:00 PM	870000.000	11.952	17.641	27.243
7383.517	8591.062	4.832	5841.922	135.437
1.002	14.695			
12/11/2015 1:45:00 PM	870300.000	11.952	17.641	27.242
7383.340	8590.923	4.832	5841.828	135.440
1.002	14.694			
12/11/2015 1:50:00 PM	870600.000	11.951	17.641	27.241
7383.162	8590.633	4.831	5841.630	135.443
1.002	14.693			
12/11/2015 1:55:00 PM	870900.000	11.954	17.641	27.246
7384.532	8592.209	4.832	5842.702	135.418
1.002	14.692			
12/11/2015 2:00:00 PM	871200.000	11.954	17.641	27.248
7385.386	8593.270	4.833	5843.424	135.403
1.002	14.691			
12/11/2015 2:05:00 PM	871500.000	11.954	17.641	27.247
7383.968	8591.570	4.832	5842.269	135.429
1.002	14.691			
12/11/2015 2:10:00 PM	871800.000	11.954	17.641	27.246
7381.992	8589.320	4.831	5840.738	135.465
1.002	14.691			
12/11/2015 2:15:00 PM	872100.000	11.955	17.640	27.249
7381.763	8589.119	4.831	5840.602	135.469
1.002	14.691			
12/11/2015 2:20:00 PM	872400.000	11.954	17.641	27.248
7382.035	8589.385	4.831	5840.782	135.464
1.002	14.691			
12/11/2015 2:25:00 PM	872700.000	11.955	17.641	27.250
7381.301	8588.483	4.830	5840.169	135.477
1.002	14.690			

12/11/2015 2:30:00 PM	873000.000	11.956	17.641	27.251
7380.713	8587.847	4.830	5839.736	135.488
1.002	14.690			
12/11/2015 2:35:00 PM	873300.000	11.956	17.641	27.251
7378.968	8585.769	4.829	5838.323	135.520
1.002	14.690			
12/11/2015 2:40:00 PM	873600.000	11.957	17.640	27.253
7382.815	8590.360	4.831	5841.445	135.450
1.002	14.690			
12/11/2015 2:45:00 PM	873900.000	11.955	17.640	27.250
7379.117	8586.024	4.829	5838.497	135.518
1.002	14.690			
12/11/2015 2:50:00 PM	874200.000	11.956	17.641	27.253
7379.444	8586.390	4.829	5838.746	135.512
1.002	14.689			
12/11/2015 2:55:00 PM	874500.000	11.957	17.641	27.254
7377.620	8584.267	4.828	5837.302	135.545
1.002	14.688			
12/11/2015 3:00:00 PM	874800.000	11.959	17.641	27.258
7378.742	8585.553	4.828	5838.176	135.524
1.002	14.686			
12/11/2015 3:05:00 PM	875100.000	11.959	17.641	27.259
7377.322	8583.820	4.827	5836.999	135.551
1.002	14.687			
12/11/2015 3:10:00 PM	875400.000	11.960	17.641	27.262
7378.155	8584.773	4.828	5837.646	135.535
1.002	14.688			
12/11/2015 3:15:00 PM	875700.000	11.958	17.641	27.256
7377.486	8584.110	4.828	5837.195	135.548
1.002	14.688			
12/11/2015 3:20:00 PM	876000.000	11.957	17.641	27.254
7377.832	8584.463	4.828	5837.435	135.541
1.002	14.691			
12/11/2015 3:25:00 PM	876300.000	11.955	17.641	27.249
7378.912	8585.687	4.828	5838.267	135.521
1.002	14.694			
12/11/2015 3:30:00 PM	876600.000	11.952	17.640	27.241
7377.845	8584.545	4.828	5837.491	135.541
1.002	14.697			
12/11/2015 3:35:00 PM	876900.000	11.952	17.641	27.242
7377.979	8584.519	4.828	5837.473	135.538
1.002	14.698			
12/11/2015 3:40:00 PM	877200.000	11.950	17.641	27.237
7378.777	8585.547	4.828	5838.172	135.524
1.002	14.699			
12/11/2015 3:45:00 PM	877500.000	11.951	17.641	27.239
7379.737	8586.730	4.829	5838.977	135.506
1.002	14.701			
12/11/2015 3:50:00 PM	877800.000	11.949	17.641	27.236
7379.883	8586.899	4.829	5839.092	135.504
1.002	14.701			
12/11/2015 3:55:00 PM	878100.000	11.950	17.641	27.237
7378.010	8584.589	4.828	5837.521	135.538
1.002	14.701			
12/11/2015 4:00:00 PM	878400.000	11.951	17.641	27.241
7378.246	8584.977	4.828	5837.784	135.534
1.002	14.700			

12/11/2015 4:05:00 PM	878700.000	11.951	17.641	27.241
7378.817	8585.641	4.828	5838.236	135.523
1.002	14.702			
12/11/2015 4:10:00 PM	879000.000	11.948	17.641	27.234
7382.163	8589.486	4.831	5840.851	135.462
1.002	14.703			
12/11/2015 4:15:00 PM	879300.000	11.949	17.641	27.234
7379.141	8585.970	4.829	5838.460	135.517
1.002	14.704			
12/11/2015 4:20:00 PM	879600.000	11.950	17.640	27.238
7379.539	8586.531	4.829	5838.841	135.510
1.002	14.704			
12/11/2015 4:25:00 PM	879900.000	11.951	17.641	27.241
7377.669	8584.323	4.828	5837.340	135.544
1.002	14.705			
12/11/2015 4:30:00 PM	880200.000	11.951	17.641	27.240
7380.113	8587.002	4.829	5839.162	135.499
1.002	14.705			
12/11/2015 4:35:00 PM	880500.000	11.950	17.640	27.238
7380.452	8587.578	4.830	5839.553	135.493
1.002	14.707			
12/11/2015 4:40:00 PM	880800.000	11.950	17.641	27.237
7382.340	8589.726	4.831	5841.014	135.458
1.002	14.709			
12/11/2015 4:45:00 PM	881100.000	11.949	17.641	27.235
7379.360	8586.241	4.829	5838.645	135.513
1.002	14.712			
12/11/2015 4:50:00 PM	881400.000	11.948	17.641	27.232
7381.393	8588.657	4.830	5840.287	135.476
1.002	14.713			
12/11/2015 4:55:00 PM	881700.000	11.946	17.641	27.228
7381.676	8588.936	4.830	5840.477	135.471
1.002	14.714			
12/11/2015 5:00:00 PM	882000.000	11.945	17.641	27.226
7380.261	8587.289	4.829	5839.357	135.497
1.002	14.715			
12/11/2015 5:05:00 PM	882300.000	11.946	17.641	27.230
7380.746	8587.903	4.830	5839.774	135.488
1.002	14.714			
12/11/2015 5:10:00 PM	882600.000	11.948	17.640	27.232
7383.069	8590.623	4.831	5841.624	135.445
1.002	14.713			
12/11/2015 5:15:00 PM	882900.000	11.950	17.641	27.237
7380.815	8587.818	4.830	5839.716	135.486
1.002	14.712			
12/11/2015 5:20:00 PM	883200.000	11.949	17.641	27.236
7380.382	8587.330	4.829	5839.385	135.494
1.002	14.713			
12/11/2015 5:25:00 PM	883500.000	11.951	17.641	27.241
7389.796	8598.317	4.836	5846.856	135.322
1.002	14.714			
12/11/2015 5:30:00 PM	883800.000	11.950	17.641	27.239
7403.376	8614.135	4.846	5857.612	135.074
1.002	14.715			
12/11/2015 5:35:00 PM	884100.000	11.949	17.641	27.236
7428.417	8643.289	4.863	5877.437	134.618
1.002	14.715			
12/11/2015 5:40:00 PM	884400.000	11.950	17.641	27.237

7447.879	8665.934	4.877	5892.835	134.266
1.002	14.715			
12/11/2015 5:45:00 PM	884700.000	11.952	17.642	27.242
7468.219	8689.465	4.891	5908.836	133.901
1.002	14.715			
12/11/2015 5:50:00 PM	885000.000	11.949	17.641	27.234
7483.803	8707.749	4.902	5921.270	133.622
1.002	14.716			
12/11/2015 5:55:00 PM	885300.000	11.951	17.641	27.241
7504.160	8731.349	4.916	5937.317	133.259
1.002	14.717			
12/11/2015 6:00:00 PM	885600.000	11.950	17.641	27.237
7519.641	8749.362	4.927	5949.567	132.985
1.002	14.717			
12/11/2015 6:05:00 PM	885900.000	11.951	17.642	27.241
7530.812	8762.326	4.935	5958.382	132.788
1.002	14.718			
12/11/2015 6:10:00 PM	886200.000	11.951	17.641	27.241
7544.732	8778.575	4.945	5969.432	132.543
1.002	14.719			
12/11/2015 6:15:00 PM	886500.000	11.952	17.642	27.242
7559.246	8795.357	4.955	5980.844	132.288
1.002	14.720			
12/11/2015 6:20:00 PM	886800.000	11.949	17.641	27.235
7568.388	8806.101	4.962	5988.149	132.129
1.002	14.724			
12/11/2015 6:25:00 PM	887100.000	11.946	17.641	27.229
7579.302	8818.832	4.969	5996.806	131.938
1.002	14.728			
12/11/2015 6:30:00 PM	887400.000	11.945	17.641	27.227
7592.402	8834.075	4.978	6007.172	131.711
1.002	14.731			
12/11/2015 6:35:00 PM	887700.000	11.946	17.641	27.228
7601.168	8844.292	4.985	6014.119	131.559
1.002	14.730			
12/11/2015 6:40:00 PM	888000.000	11.948	17.642	27.233
7611.774	8856.529	4.992	6022.440	131.375
1.002	14.729			
12/11/2015 6:45:00 PM	888300.000	11.949	17.642	27.235
7621.003	8867.250	4.998	6029.730	131.216
1.002	14.728			
12/11/2015 6:50:00 PM	888600.000	11.949	17.641	27.234
7627.843	8875.346	5.003	6035.235	131.099
1.002	14.729			
12/11/2015 6:55:00 PM	888900.000	11.948	17.641	27.234
7634.366	8882.834	5.008	6040.328	130.987
1.002	14.729			
12/11/2015 7:00:00 PM	889200.000	11.949	17.641	27.235
7641.258	8890.938	5.013	6045.839	130.868
1.002	14.730			
12/11/2015 7:05:00 PM	889500.000	11.948	17.641	27.234
7651.180	8902.448	5.020	6053.665	130.699
1.003	14.729			
12/11/2015 7:10:00 PM	889800.000	11.951	17.642	27.240
7658.733	8911.113	5.025	6059.558	130.570
1.003	14.728			
12/11/2015 7:15:00 PM	890100.000	11.954	17.642	27.246

7665.094	8918.534	5.029	6064.604	130.462
1.003	14.728			
12/11/2015 7:20:00 PM	890400.000	11.953	17.641	27.246
7670.666	8925.085	5.033	6069.058	130.367
1.003	14.727			
12/11/2015 7:25:00 PM	890700.000	11.954	17.642	27.246
7677.132	8932.521	5.038	6074.115	130.257
1.003	14.727			
12/11/2015 7:30:00 PM	891000.000	11.954	17.641	27.247
7683.940	8940.549	5.043	6079.574	130.142
1.003	14.727			
12/11/2015 7:35:00 PM	891300.000	11.956	17.641	27.251
7688.206	8945.598	5.046	6083.007	130.069
1.003	14.727			
12/11/2015 7:40:00 PM	891600.000	11.957	17.641	27.253
7693.279	8951.415	5.049	6086.963	129.984
1.003	14.726			
12/11/2015 7:45:00 PM	891900.000	11.959	17.641	27.258
7701.720	8961.322	5.055	6093.699	129.841
1.003	14.725			
12/11/2015 7:50:00 PM	892200.000	11.957	17.641	27.254
7703.126	8962.839	5.056	6094.731	129.817
1.003	14.729			
12/11/2015 7:55:00 PM	892500.000	11.956	17.642	27.251
7708.697	8969.248	5.060	6099.089	129.724
1.003	14.732			
12/11/2015 8:00:00 PM	892800.000	11.953	17.641	27.245
7714.552	8976.236	5.064	6103.841	129.625
1.003	14.735			
12/11/2015 8:05:00 PM	893100.000	11.956	17.642	27.252
7719.919	8982.358	5.068	6108.004	129.535
1.003	14.734			
12/11/2015 8:10:00 PM	893400.000	11.959	17.642	27.258
7723.267	8986.254	5.070	6110.653	129.479
1.003	14.733			
12/11/2015 8:15:00 PM	893700.000	11.960	17.642	27.260
7725.190	8988.492	5.072	6112.175	129.447
1.003	14.732			
12/11/2015 8:20:00 PM	894000.000	11.959	17.641	27.257
7731.459	8995.892	5.076	6117.207	129.342
1.003	14.734			
12/11/2015 8:25:00 PM	894300.000	11.958	17.641	27.255
7733.931	8998.716	5.078	6119.127	129.300
1.003	14.736			
12/11/2015 8:30:00 PM	894600.000	11.955	17.642	27.250
7736.359	9001.434	5.080	6120.976	129.260
1.003	14.738			
12/11/2015 8:35:00 PM	894900.000	11.958	17.642	27.256
7740.229	9005.903	5.082	6124.014	129.195
1.003	14.736			
12/11/2015 8:40:00 PM	895200.000	11.957	17.641	27.253
7744.023	9010.510	5.085	6127.146	129.132
1.003	14.734			
12/11/2015 8:45:00 PM	895500.000	11.961	17.642	27.263
7747.050	9013.893	5.087	6129.447	129.081
1.003	14.733			
12/11/2015 8:50:00 PM	895800.000	11.963	17.641	27.267
7749.623	9016.938	5.089	6131.519	129.039

1.003	14.732			
12/11/2015 8:55:00 PM	896100.000	11.963	17.642	27.268
7751.822	9019.425	5.091	6133.209	129.002
1.003	14.732			
12/11/2015 9:00:00 PM	896400.000	11.964	17.641	27.270
7755.404	9023.770	5.093	6136.164	128.942
1.003	14.731			
12/11/2015 9:05:00 PM	896700.000	11.963	17.641	27.267
7757.038	9025.566	5.094	6137.385	128.915
1.003	14.733			
12/11/2015 9:10:00 PM	897000.000	11.962	17.641	27.265
7760.134	9029.203	5.096	6139.859	128.864
1.003	14.736			
12/11/2015 9:15:00 PM	897300.000	11.960	17.641	27.260
7760.033	9029.051	5.096	6139.755	128.865
1.003	14.738			
12/11/2015 9:20:00 PM	897600.000	11.958	17.641	27.256
7765.472	9035.379	5.100	6144.058	128.775
1.003	14.739			
12/11/2015 9:25:00 PM	897900.000	11.958	17.641	27.257
7767.311	9037.606	5.102	6145.573	128.745
1.003	14.741			
12/11/2015 9:30:00 PM	898200.000	11.957	17.641	27.254
7768.298	9038.703	5.102	6146.318	128.728
1.003	14.743			
12/11/2015 9:35:00 PM	898500.000	11.962	17.641	27.265
7771.722	9042.738	5.105	6149.062	128.672
1.003	14.741			
12/11/2015 9:40:00 PM	898800.000	11.964	17.641	27.269
7774.644	9046.087	5.107	6151.339	128.623
1.003	14.739			
12/11/2015 9:45:00 PM	899100.000	11.966	17.641	27.274
7776.364	9048.067	5.108	6152.686	128.595
1.003	14.737			
12/11/2015 9:50:00 PM	899400.000	11.965	17.641	27.272
7775.874	9047.535	5.108	6152.324	128.603
1.003	14.740			
12/11/2015 9:55:00 PM	899700.000	11.962	17.641	27.265
7778.379	9050.484	5.109	6154.330	128.561
1.003	14.743			
12/11/2015 10:00:00 PM	900000.000	11.961	17.641	27.262
7781.903	9054.550	5.112	6157.094	128.503
1.003	14.746			
12/11/2015 10:05:00 PM	900300.000	11.961	17.641	27.263
7781.711	9054.326	5.112	6156.942	128.506
1.003	14.745			
12/11/2015 10:10:00 PM	900600.000	11.962	17.641	27.265
7782.248	9054.986	5.112	6157.391	128.498
1.003	14.745			
12/11/2015 10:15:00 PM	900900.000	11.963	17.641	27.267
7782.835	9055.598	5.112	6157.807	128.488
1.003	14.744			
12/11/2015 10:20:00 PM	901200.000	11.962	17.641	27.266
7788.322	9061.967	5.116	6162.138	128.397
1.003	14.745			
12/11/2015 10:25:00 PM	901500.000	11.964	17.642	27.269
7786.921	9060.301	5.115	6161.004	128.420

1.003	14.745			
12/11/2015 10:30:00 PM	901800.000	11.963	17.642	27.267
7789.126	9062.884	5.117	6162.762	128.384
1.003	14.745			
12/11/2015 10:35:00 PM	902100.000	11.964	17.641	27.270
7792.106	9066.385	5.119	6165.142	128.335
1.003	14.746			
12/11/2015 10:40:00 PM	902400.000	11.966	17.641	27.273
7791.261	9065.474	5.118	6164.522	128.349
1.003	14.746			
12/11/2015 10:45:00 PM	902700.000	11.965	17.641	27.272
7790.229	9064.238	5.118	6163.683	128.366
1.003	14.747			
12/11/2015 10:50:00 PM	903000.000	11.967	17.641	27.276
7791.253	9065.481	5.118	6164.527	128.349
1.003	14.747			
12/11/2015 10:55:00 PM	903300.000	11.966	17.641	27.273
7793.442	9067.924	5.120	6166.188	128.313
1.003	14.746			
12/11/2015 11:00:00 PM	903600.000	11.967	17.641	27.277
7795.270	9070.051	5.121	6167.635	128.283
1.003	14.746			
12/11/2015 11:05:00 PM	903900.000	11.966	17.641	27.274
7794.761	9069.598	5.121	6167.327	128.291
1.003	14.746			
12/11/2015 11:10:00 PM	904200.000	11.967	17.642	27.277
7794.836	9069.527	5.121	6167.279	128.290
1.003	14.745			
12/11/2015 11:15:00 PM	904500.000	11.969	17.641	27.281
7794.960	9069.794	5.121	6167.460	128.288
1.003	14.745			
12/11/2015 11:20:00 PM	904800.000	11.969	17.641	27.282
7793.547	9068.115	5.120	6166.318	128.311
1.003	14.746			
12/11/2015 11:25:00 PM	905100.000	11.967	17.641	27.277
7794.880	9069.685	5.121	6167.386	128.289
1.003	14.747			
12/11/2015 11:30:00 PM	905400.000	11.968	17.641	27.278
7797.778	9073.123	5.123	6169.724	128.242
1.003	14.748			
12/11/2015 11:35:00 PM	905700.000	11.966	17.641	27.273
7795.527	9070.489	5.121	6167.933	128.279
1.003	14.749			
12/11/2015 11:40:00 PM	906000.000	11.966	17.641	27.275
7798.307	9073.706	5.123	6170.120	128.233
1.003	14.751			
12/11/2015 11:45:00 PM	906300.000	11.968	17.641	27.278
7797.744	9073.051	5.123	6169.675	128.242
1.003	14.752			
12/11/2015 11:50:00 PM	906600.000	11.966	17.641	27.274
7799.871	9075.474	5.125	6171.322	128.207
1.003	14.752			
12/11/2015 11:55:00 PM	906900.000	11.967	17.641	27.277
7801.244	9077.089	5.125	6172.420	128.185
1.003	14.752			
12/12/2015 12:00:00 AM	907200.000	11.966	17.642	27.275
7799.548	9074.992	5.124	6170.995	128.213
1.003	14.752			

12/12/2015 12:05:00 AM	907500.000		11.966	17.641	27.275
7802.760	9078.781	5.127		6173.572	128.160
1.003	14.752				
12/12/2015 12:10:00 AM	907800.000		11.968	17.641	27.279
7802.970	9079.045	5.127		6173.751	128.156
1.003	14.752				
12/12/2015 12:15:00 AM	908100.000		11.968	17.641	27.278
7802.634	9078.706	5.126		6173.520	128.162
1.003	14.752				
12/12/2015 12:20:00 AM	908400.000		11.970	17.642	27.284
7800.470	9076.064	5.125		6171.724	128.197
1.003	14.750				
12/12/2015 12:25:00 AM	908700.000		11.973	17.641	27.289
7803.284	9079.444	5.127		6174.022	128.151
1.003	14.748				
12/12/2015 12:30:00 AM	909000.000		11.974	17.641	27.291
7803.640	9079.877	5.127		6174.317	128.145
1.003	14.745				
12/12/2015 12:35:00 AM	909300.000		11.969	17.641	27.282
7803.034	9079.239	5.127		6173.883	128.155
1.003	14.750				
12/12/2015 12:40:00 AM	909600.000		11.966	17.641	27.275
7806.512	9083.236	5.129		6176.601	128.098
1.003	14.755				
12/12/2015 12:45:00 AM	909900.000		11.963	17.642	27.268
7807.317	9084.031	5.130		6177.141	128.085
1.003	14.760				
12/12/2015 12:50:00 AM	910200.000		11.965	17.642	27.272
7808.547	9085.410	5.131		6178.080	128.065
1.003	14.758				
12/12/2015 12:55:00 AM	910500.000		11.968	17.641	27.279
7804.606	9080.913	5.128		6175.021	128.129
1.003	14.756				
12/12/2015 1:00:00 AM	910800.000		11.969	17.641	27.281
7806.952	9083.765	5.130		6176.960	128.091
1.003	14.755				
12/12/2015 1:05:00 AM	911100.000		11.971	17.641	27.286
7807.763	9084.639	5.130		6177.555	128.078
1.003	14.755				
12/12/2015 1:10:00 AM	911400.000		11.969	17.641	27.280
7808.604	9085.721	5.131		6178.291	128.064
1.003	14.755				
12/12/2015 1:15:00 AM	911700.000		11.972	17.642	27.288
7807.513	9084.260	5.130		6177.297	128.082
1.003	14.756				
12/12/2015 1:20:00 AM	912000.000		11.971	17.641	27.285
7809.574	9086.729	5.131		6178.977	128.048
1.003	14.757				
12/12/2015 1:25:00 AM	912300.000		11.969	17.642	27.281
7807.804	9084.598	5.130		6177.526	128.077
1.003	14.759				
12/12/2015 1:30:00 AM	912600.000		11.969	17.642	27.280
7807.458	9084.214	5.130		6177.266	128.083
1.003	14.761				
12/12/2015 1:35:00 AM	912900.000		11.970	17.642	27.283
7810.718	9087.919	5.132		6179.785	128.029
1.003	14.763				

12/12/2015 1:40:00 AM	913200.000	11.969	17.641	27.280
7807.570	9084.449	5.130	6177.425	128.081
1.003	14.765			
12/12/2015 1:45:00 AM	913500.000	11.968	17.641	27.279
7809.124	9086.170	5.131	6178.596	128.055
1.003	14.767			
12/12/2015 1:50:00 AM	913800.000	11.971	17.641	27.285
7808.646	9085.648	5.131	6178.242	128.063
1.003	14.765			
12/12/2015 1:55:00 AM	914100.000	11.973	17.641	27.290
7807.278	9084.144	5.130	6177.218	128.086
1.003	14.763			
12/12/2015 2:00:00 AM	914400.000	11.976	17.642	27.298
7808.473	9085.394	5.131	6178.068	128.066
1.003	14.762			
12/12/2015 2:05:00 AM	914700.000	11.977	17.641	27.300
7807.813	9084.767	5.130	6177.642	128.077
1.003	14.762			
12/12/2015 2:10:00 AM	915000.000	11.975	17.641	27.296
7807.243	9084.051	5.130	6177.155	128.086
1.003	14.762			
12/12/2015 2:15:00 AM	915300.000	11.977	17.641	27.299
7807.419	9084.223	5.130	6177.272	128.083
1.003	14.762			
12/12/2015 2:20:00 AM	915600.000	11.978	17.640	27.302
7805.435	9082.120	5.129	6175.842	128.116
1.003	14.763			
12/12/2015 2:25:00 AM	915900.000	11.978	17.641	27.302
7807.697	9084.686	5.130	6177.586	128.079
1.003	14.764			
12/12/2015 2:30:00 AM	916200.000	11.978	17.641	27.301
7807.010	9083.779	5.130	6176.971	128.090
1.003	14.765			
12/12/2015 2:35:00 AM	916500.000	11.976	17.641	27.297
7806.715	9083.488	5.129	6176.772	128.095
1.003	14.767			
12/12/2015 2:40:00 AM	916800.000	11.975	17.641	27.294
7806.509	9083.163	5.129	6176.551	128.098
1.003	14.768			
12/12/2015 2:45:00 AM	917100.000	11.972	17.641	27.289
7805.629	9082.191	5.129	6175.891	128.113
1.003	14.770			
12/12/2015 2:50:00 AM	917400.000	11.973	17.641	27.290
7806.402	9083.056	5.129	6176.479	128.100
1.003	14.770			
12/12/2015 2:55:00 AM	917700.000	11.975	17.641	27.294
7804.131	9080.501	5.128	6174.741	128.137
1.003	14.770			
12/12/2015 3:00:00 AM	918000.000	11.974	17.641	27.293
7805.037	9081.569	5.128	6175.467	128.122
1.003	14.771			
12/12/2015 3:05:00 AM	918300.000	11.973	17.641	27.290
7805.031	9081.443	5.128	6175.382	128.122
1.003	14.771			
12/12/2015 3:10:00 AM	918600.000	11.974	17.641	27.291
7805.042	9081.561	5.128	6175.462	128.122
1.003	14.771			
12/12/2015 3:15:00 AM	918900.000	11.975	17.641	27.295

7804.686	9081.161	5.128	6175.190	128.128
1.003	14.771			
12/12/2015 3:20:00 AM	919200.000	11.976	17.641	27.297
7804.519	9080.881	5.128	6174.999	128.131
1.003	14.770			
12/12/2015 3:25:00 AM	919500.000	11.976	17.641	27.298
7804.131	9080.482	5.128	6174.729	128.137
1.003	14.768			
12/12/2015 3:30:00 AM	919800.000	11.979	17.641	27.304
7805.899	9082.487	5.129	6176.092	128.108
1.003	14.766			
12/12/2015 3:35:00 AM	920100.000	11.982	17.642	27.311
7806.315	9082.884	5.129	6176.361	128.101
1.003	14.765			
12/12/2015 3:40:00 AM	920400.000	11.982	17.640	27.312
7807.379	9084.367	5.130	6177.370	128.084
1.003	14.763			
12/12/2015 3:45:00 AM	920700.000	11.984	17.641	27.315
7804.720	9081.099	5.128	6175.147	128.128
1.003	14.762			
12/12/2015 3:50:00 AM	921000.000	11.980	17.641	27.307
7805.791	9082.447	5.129	6176.064	128.110
1.003	14.762			
12/12/2015 3:55:00 AM	921300.000	11.982	17.641	27.310
7808.093	9085.058	5.130	6177.840	128.072
1.003	14.763			
12/12/2015 4:00:00 AM	921600.000	11.981	17.641	27.308
7805.890	9082.512	5.129	6176.108	128.108
1.003	14.763			
12/12/2015 4:05:00 AM	921900.000	11.983	17.641	27.312
7805.748	9082.257	5.129	6175.935	128.111
1.003	14.762			
12/12/2015 4:10:00 AM	922200.000	11.984	17.641	27.315
7805.998	9082.602	5.129	6176.169	128.107
1.003	14.761			
12/12/2015 4:15:00 AM	922500.000	11.984	17.641	27.314
7807.124	9083.964	5.130	6177.096	128.088
1.003	14.761			
12/12/2015 4:20:00 AM	922800.000	11.980	17.641	27.306
7808.073	9085.035	5.130	6177.824	128.073
1.003	14.761			
12/12/2015 4:25:00 AM	923100.000	11.985	17.641	27.316
7807.666	9084.525	5.130	6177.478	128.079
1.003	14.761			
12/12/2015 4:30:00 AM	923400.000	11.987	17.641	27.323
7808.463	9085.416	5.131	6178.083	128.066
1.003	14.762			
12/12/2015 4:35:00 AM	923700.000	11.988	17.641	27.325
7806.980	9083.711	5.129	6176.924	128.090
1.003	14.761			
12/12/2015 4:40:00 AM	924000.000	11.989	17.642	27.328
7808.343	9085.174	5.130	6177.919	128.068
1.003	14.761			
12/12/2015 4:45:00 AM	924300.000	11.992	17.641	27.333
7806.869	9083.650	5.129	6176.883	128.092
1.003	14.760			
12/12/2015 4:50:00 AM	924600.000	11.988	17.641	27.323

7807.271	9084.137	5.130	6177.213	128.086
1.003	14.765			
12/12/2015 4:55:00 AM	924900.000	11.985	17.641	27.317
7808.368	9085.378	5.131	6178.057	128.068
1.003	14.769			
12/12/2015 5:00:00 AM	925200.000	11.982	17.641	27.310
7808.802	9085.849	5.131	6178.377	128.061
1.003	14.774			
12/12/2015 5:05:00 AM	925500.000	11.982	17.641	27.311
7809.235	9086.454	5.131	6178.789	128.054
1.003	14.773			
12/12/2015 5:10:00 AM	925800.000	11.984	17.641	27.316
7809.571	9086.742	5.131	6178.985	128.048
1.003	14.772			
12/12/2015 5:15:00 AM	926100.000	11.988	17.641	27.325
7810.509	9087.886	5.132	6179.762	128.033
1.003	14.772			
12/12/2015 5:20:00 AM	926400.000	11.986	17.641	27.319
7810.722	9088.099	5.132	6179.907	128.029
1.003	14.773			
12/12/2015 5:25:00 AM	926700.000	11.986	17.641	27.319
7809.613	9086.826	5.131	6179.042	128.047
1.003	14.775			
12/12/2015 5:30:00 AM	927000.000	11.982	17.641	27.311
7810.150	9087.469	5.132	6179.479	128.039
1.003	14.776			
12/12/2015 5:35:00 AM	927300.000	11.985	17.640	27.317
7809.505	9086.807	5.131	6179.029	128.049
1.003	14.776			
12/12/2015 5:40:00 AM	927600.000	11.983	17.640	27.313
7810.535	9088.004	5.132	6179.843	128.032
1.003	14.775			
12/12/2015 5:45:00 AM	927900.000	11.983	17.642	27.314
7808.912	9085.904	5.131	6178.416	128.059
1.003	14.775			
12/12/2015 5:50:00 AM	928200.000	11.985	17.641	27.318
7807.885	9084.780	5.130	6177.651	128.076
1.003	14.775			
12/12/2015 5:55:00 AM	928500.000	11.987	17.641	27.323
7808.563	9085.605	5.131	6178.212	128.065
1.003	14.774			
12/12/2015 6:00:00 AM	928800.000	11.988	17.641	27.324
7810.612	9088.006	5.132	6179.844	128.031
1.003	14.774			
12/12/2015 6:05:00 AM	929100.000	11.987	17.641	27.323
7810.392	9087.733	5.132	6179.659	128.035
1.003	14.774			
12/12/2015 6:10:00 AM	929400.000	11.987	17.641	27.322
7810.366	9087.720	5.132	6179.650	128.035
1.003	14.774			
12/12/2015 6:15:00 AM	929700.000	11.989	17.641	27.326
7810.082	9087.337	5.132	6179.390	128.040
1.003	14.775			
12/12/2015 6:20:00 AM	930000.000	11.986	17.641	27.319
7810.145	9087.358	5.132	6179.404	128.039
1.003	14.777			
12/12/2015 6:25:00 AM	930300.000	11.985	17.642	27.318
7808.741	9085.672	5.131	6178.257	128.062

1.003	14.780			
12/12/2015 6:30:00 AM	930600.000	11.987	17.641	27.322
7810.396	9087.790	5.132	6179.698	128.034
1.003	14.782			
12/12/2015 6:35:00 AM	930900.000	11.985	17.641	27.317
7809.988	9087.297	5.132	6179.362	128.041
1.003	14.785			
12/12/2015 6:40:00 AM	931200.000	11.982	17.641	27.311
7809.109	9086.223	5.131	6178.632	128.056
1.003	14.789			
12/12/2015 6:45:00 AM	931500.000	11.980	17.641	27.307
7809.714	9086.979	5.131	6179.146	128.046
1.003	14.792			
12/12/2015 6:50:00 AM	931800.000	11.983	17.641	27.313
7809.797	9086.988	5.131	6179.152	128.044
1.003	14.791			
12/12/2015 6:55:00 AM	932100.000	11.982	17.641	27.311
7810.711	9088.122	5.132	6179.923	128.029
1.003	14.789			
12/12/2015 7:00:00 AM	932400.000	11.989	17.641	27.326
7809.487	9086.628	5.131	6178.907	128.049
1.003	14.787			
12/12/2015 7:05:00 AM	932700.000	11.990	17.641	27.328
7809.398	9086.541	5.131	6178.848	128.051
1.003	14.788			
12/12/2015 7:10:00 AM	933000.000	11.989	17.641	27.326
7809.630	9086.864	5.131	6179.068	128.047
1.003	14.789			
12/12/2015 7:15:00 AM	933300.000	11.989	17.641	27.326
7808.807	9085.940	5.131	6178.439	128.061
1.003	14.790			
12/12/2015 7:20:00 AM	933600.000	11.992	17.641	27.333
7810.302	9087.576	5.132	6179.552	128.036
1.003	14.786			
12/12/2015 7:25:00 AM	933900.000	11.995	17.641	27.341
7810.409	9087.735	5.132	6179.660	128.034
1.003	14.783			
12/12/2015 7:30:00 AM	934200.000	12.000	17.641	27.351
7810.333	9087.646	5.132	6179.600	128.036
1.003	14.779			
12/12/2015 7:35:00 AM	934500.000	11.998	17.641	27.347
7808.917	9086.051	5.131	6178.515	128.059
1.003	14.783			
12/12/2015 7:40:00 AM	934800.000	11.994	17.641	27.339
7809.894	9087.153	5.132	6179.265	128.043
1.003	14.787			
12/12/2015 7:45:00 AM	935100.000	11.990	17.641	27.328
7810.643	9088.007	5.132	6179.845	128.030
1.003	14.791			
12/12/2015 7:50:00 AM	935400.000	11.990	17.641	27.329
7810.351	9087.737	5.132	6179.662	128.035
1.003	14.792			
12/12/2015 7:55:00 AM	935700.000	11.991	17.641	27.332
7809.474	9086.698	5.131	6178.956	128.050
1.003	14.792			
12/12/2015 8:00:00 AM	936000.000	11.991	17.641	27.331
7808.865	9085.921	5.131	6178.427	128.060

1.003	14.793			
12/12/2015 8:05:00 AM	936300.000	11.994	17.641	27.337
7809.598	9086.843	5.131	6179.053	128.048
1.003	14.792			
12/12/2015 8:10:00 AM	936600.000	11.992	17.641	27.334
7810.796	9088.168	5.132	6179.955	128.028
1.003	14.792			
12/12/2015 8:15:00 AM	936900.000	11.994	17.641	27.337
7807.818	9084.755	5.130	6177.634	128.077
1.003	14.791			
12/12/2015 8:20:00 AM	937200.000	11.994	17.641	27.337
7808.137	9085.127	5.130	6177.887	128.072
1.003	14.793			
12/12/2015 8:25:00 AM	937500.000	11.993	17.641	27.336
7808.625	9085.694	5.131	6178.272	128.064
1.003	14.795			
12/12/2015 8:30:00 AM	937800.000	11.993	17.641	27.336
7808.125	9085.095	5.130	6177.865	128.072
1.003	14.797			
12/12/2015 8:35:00 AM	938100.000	11.995	17.640	27.341
7807.438	9084.436	5.130	6177.417	128.083
1.003	14.797			
12/12/2015 8:40:00 AM	938400.000	11.996	17.641	27.343
7808.903	9086.089	5.131	6178.541	128.059
1.003	14.798			
12/12/2015 8:45:00 AM	938700.000	11.995	17.641	27.341
7809.034	9086.240	5.131	6178.644	128.057
1.003	14.798			
12/12/2015 8:50:00 AM	939000.000	11.995	17.641	27.340
7806.569	9083.337	5.129	6176.669	128.097
1.003	14.800			
12/12/2015 8:55:00 AM	939300.000	11.993	17.641	27.336
7809.043	9086.164	5.131	6178.592	128.057
1.003	14.802			
12/12/2015 9:00:00 AM	939600.000	11.993	17.641	27.336
7809.083	9086.192	5.131	6178.611	128.056
1.003	14.804			
12/12/2015 9:05:00 AM	939900.000	11.994	17.640	27.339
7809.538	9086.844	5.131	6179.054	128.049
1.003	14.807			
12/12/2015 9:10:00 AM	940200.000	11.991	17.641	27.330
7806.557	9083.288	5.129	6176.636	128.097
1.003	14.809			
12/12/2015 9:15:00 AM	940500.000	11.989	17.641	27.328
7810.861	9088.313	5.132	6180.054	128.027
1.003	14.812			
12/12/2015 9:20:00 AM	940800.000	11.991	17.641	27.330
7807.506	9084.409	5.130	6177.398	128.082
1.003	14.810			
12/12/2015 9:25:00 AM	941100.000	11.992	17.641	27.334
7806.921	9083.747	5.130	6176.949	128.091
1.003	14.808			
12/12/2015 9:30:00 AM	941400.000	11.996	17.641	27.343
7807.930	9084.937	5.130	6177.757	128.075
1.003	14.806			
12/12/2015 9:35:00 AM	941700.000	11.993	17.641	27.336
7805.468	9082.004	5.128	6175.763	128.115
1.003	14.809			

12/12/2015 9:40:00 AM	942000.000	11.992	17.641	27.335
7805.495	9082.053	5.128	6175.796	128.115
1.003	14.812			
12/12/2015 9:45:00 AM	942300.000	11.988	17.641	27.325
7805.714	9082.342	5.129	6175.993	128.111
1.003	14.814			
12/12/2015 9:50:00 AM	942600.000	11.990	17.641	27.329
7807.501	9084.370	5.130	6177.372	128.082
1.003	14.814			
12/12/2015 9:55:00 AM	942900.000	11.990	17.641	27.329
7807.739	9084.734	5.130	6177.620	128.078
1.003	14.814			
12/12/2015 10:00:00 AM	943200.000	11.992	17.641	27.334
7806.854	9083.669	5.129	6176.895	128.093
1.003	14.814			
12/12/2015 10:05:00 AM	943500.000	11.995	17.641	27.341
7805.526	9082.020	5.128	6175.773	128.114
1.003	14.812			
12/12/2015 10:10:00 AM	943800.000	11.998	17.641	27.347
7805.194	9081.649	5.128	6175.522	128.120
1.003	14.811			
12/12/2015 10:15:00 AM	944100.000	12.000	17.641	27.352
7806.952	9083.748	5.130	6176.949	128.091
1.003	14.809			
12/12/2015 10:20:00 AM	944400.000	11.999	17.642	27.350
7803.224	9079.253	5.127	6173.893	128.152
1.003	14.811			
12/12/2015 10:25:00 AM	944700.000	11.998	17.641	27.347
7803.129	9079.194	5.127	6173.853	128.154
1.003	14.813			
12/12/2015 10:30:00 AM	945000.000	11.997	17.641	27.345
7804.538	9080.921	5.128	6175.027	128.131
1.003	14.815			
12/12/2015 10:35:00 AM	945300.000	11.998	17.641	27.347
7805.721	9082.264	5.129	6175.939	128.111
1.003	14.815			
12/12/2015 10:40:00 AM	945600.000	11.997	17.641	27.346
7806.720	9083.373	5.129	6176.694	128.095
1.003	14.816			
12/12/2015 10:45:00 AM	945900.000	11.997	17.641	27.344
7803.741	9079.942	5.127	6174.361	128.144
1.003	14.816			
12/12/2015 10:50:00 AM	946200.000	11.999	17.641	27.349
7802.469	9078.496	5.126	6173.377	128.165
1.003	14.816			
12/12/2015 10:55:00 AM	946500.000	11.997	17.641	27.345
7804.462	9080.761	5.128	6174.917	128.132
1.003	14.816			
12/12/2015 11:00:00 AM	946800.000	11.996	17.641	27.343
7804.253	9080.607	5.128	6174.813	128.135
1.003	14.816			
12/12/2015 11:05:00 AM	947100.000	11.997	17.641	27.344
7804.916	9081.429	5.128	6175.372	128.124
1.003	14.815			
12/12/2015 11:10:00 AM	947400.000	11.997	17.641	27.344
7804.085	9080.396	5.127	6174.669	128.138
1.003	14.813			

12/12/2015 11:15:00 AM	947700.000	11.997	17.641	27.346
7803.494	9079.725	5.127	6174.213	128.148
1.003	14.812			
12/12/2015 11:20:00 AM	948000.000	11.997	17.640	27.345
7803.402	9079.704	5.127	6174.199	128.149
1.003	14.813			
12/12/2015 11:25:00 AM	948300.000	11.997	17.641	27.346
7803.531	9079.802	5.127	6174.266	128.147
1.003	14.813			
12/12/2015 11:30:00 AM	948600.000	11.994	17.641	27.338
7802.619	9078.741	5.126	6173.544	128.162
1.003	14.814			
12/12/2015 11:35:00 AM	948900.000	11.994	17.641	27.339
7802.629	9078.753	5.126	6173.553	128.162
1.003	14.813			
12/12/2015 11:40:00 AM	949200.000	11.996	17.641	27.344
7802.288	9078.321	5.126	6173.259	128.168
1.003	14.811			
12/12/2015 11:45:00 AM	949500.000	11.999	17.641	27.349
7801.913	9077.884	5.126	6172.961	128.174
1.003	14.810			
12/12/2015 11:50:00 AM	949800.000	12.001	17.641	27.353
7803.481	9079.674	5.127	6174.179	128.148
1.003	14.810			
12/12/2015 11:55:00 AM	950100.000	12.001	17.641	27.354
7803.994	9080.323	5.127	6174.620	128.140
1.003	14.811			
12/12/2015 12:00:00 PM	950400.000	12.003	17.641	27.358
7802.040	9078.015	5.126	6173.050	128.172
1.003	14.811			
12/12/2015 12:05:00 PM	950700.000	12.005	17.641	27.362
7803.510	9079.778	5.127	6174.250	128.147
1.003	14.811			
12/12/2015 12:10:00 PM	951000.000	12.001	17.641	27.353
7803.354	9079.472	5.127	6174.042	128.150
1.003	14.811			
12/12/2015 12:15:00 PM	951300.000	12.000	17.641	27.352
7802.571	9078.700	5.126	6173.516	128.163
1.003	14.811			
12/12/2015 12:20:00 PM	951600.000	11.999	17.641	27.350
7804.042	9080.413	5.127	6174.682	128.139
1.003	14.812			
12/12/2015 12:25:00 PM	951900.000	11.996	17.641	27.343
7802.241	9078.231	5.126	6173.198	128.168
1.003	14.813			
12/12/2015 12:30:00 PM	952200.000	11.997	17.641	27.346
7802.400	9078.469	5.126	6173.359	128.166
1.003	14.814			
12/12/2015 12:35:00 PM	952500.000	12.000	17.640	27.352
7803.162	9079.476	5.127	6174.043	128.153
1.003	14.812			
12/12/2015 12:40:00 PM	952800.000	12.003	17.641	27.359
7801.709	9077.647	5.126	6172.801	128.177
1.003	14.810			
12/12/2015 12:45:00 PM	953100.000	12.006	17.641	27.366
7803.721	9080.039	5.127	6174.427	128.144
1.003	14.808			
12/12/2015 12:50:00 PM	953400.000	12.007	17.641	27.368

7802.208	9078.245	5.126	6173.207	128.169
1.003	14.808			
12/12/2015 12:55:00 PM	953700.000	12.005	17.641	27.364
7801.837	9077.813	5.126	6172.913	128.175
1.003	14.807			
12/12/2015 1:00:00 PM	954000.000	12.005	17.640	27.362
7803.327	9079.617	5.127	6174.140	128.150
1.003	14.807			
12/12/2015 1:05:00 PM	954300.000	12.006	17.641	27.365
7799.255	9074.862	5.124	6170.907	128.217
1.003	14.807			
12/12/2015 1:10:00 PM	954600.000	12.005	17.641	27.364
7799.190	9074.627	5.124	6170.747	128.218
1.003	14.807			
12/12/2015 1:15:00 PM	954900.000	12.003	17.641	27.359
7800.043	9075.709	5.125	6171.482	128.204
1.003	14.808			
12/12/2015 1:20:00 PM	955200.000	12.001	17.641	27.355
7799.768	9075.336	5.124	6171.229	128.209
1.003	14.808			
12/12/2015 1:25:00 PM	955500.000	12.003	17.640	27.358
7800.610	9076.473	5.125	6172.002	128.195
1.003	14.808			
12/12/2015 1:30:00 PM	955800.000	12.005	17.641	27.364
7798.798	9074.296	5.124	6170.522	128.225
1.003	14.808			
12/12/2015 1:35:00 PM	956100.000	12.005	17.641	27.362
7799.950	9075.549	5.125	6171.374	128.206
1.003	14.810			
12/12/2015 1:40:00 PM	956400.000	12.004	17.641	27.361
7801.098	9077.006	5.125	6172.365	128.187
1.003	14.812			
12/12/2015 1:45:00 PM	956700.000	12.001	17.641	27.354
7800.743	9076.522	5.125	6172.035	128.193
1.003	14.813			
12/12/2015 1:50:00 PM	957000.000	12.004	17.641	27.362
7800.756	9076.589	5.125	6172.081	128.193
1.003	14.811			
12/12/2015 1:55:00 PM	957300.000	12.004	17.641	27.361
7802.368	9078.324	5.126	6173.261	128.166
1.003	14.809			
12/12/2015 2:00:00 PM	957600.000	12.006	17.641	27.366
7797.665	9072.906	5.123	6169.577	128.244
1.003	14.806			
12/12/2015 2:05:00 PM	957900.000	12.007	17.641	27.368
7799.493	9075.017	5.124	6171.011	128.213
1.003	14.805			
12/12/2015 2:10:00 PM	958200.000	12.007	17.641	27.367
7796.800	9071.986	5.122	6168.951	128.258
1.003	14.803			
12/12/2015 2:15:00 PM	958500.000	12.005	17.641	27.364
7799.881	9075.537	5.125	6171.366	128.207
1.003	14.802			
12/12/2015 2:20:00 PM	958800.000	12.007	17.640	27.368
7798.983	9074.580	5.124	6170.715	128.222
1.003	14.800			
12/12/2015 2:25:00 PM	959100.000	12.011	17.641	27.376

7799.138	9074.706	5.124	6170.801	128.219
1.003	14.798			
12/12/2015 2:30:00 PM	959400.000	12.013	17.641	27.382
7797.763	9073.105	5.123	6169.712	128.242
1.003	14.796			
12/12/2015 2:35:00 PM	959700.000	12.012	17.641	27.378
7800.265	9075.967	5.125	6171.658	128.201
1.003	14.799			
12/12/2015 2:40:00 PM	960000.000	12.007	17.641	27.367
7797.871	9073.216	5.123	6169.787	128.240
1.003	14.802			
12/12/2015 2:45:00 PM	960300.000	12.005	17.641	27.363
7798.589	9074.067	5.124	6170.366	128.228
1.003	14.806			
12/12/2015 2:50:00 PM	960600.000	12.007	17.641	27.368
7798.683	9074.197	5.124	6170.455	128.227
1.003	14.803			
12/12/2015 2:55:00 PM	960900.000	12.009	17.641	27.373
7797.861	9073.118	5.123	6169.721	128.240
1.003	14.801			
12/12/2015 3:00:00 PM	961200.000	12.012	17.641	27.380
7798.067	9073.445	5.123	6169.943	128.237
1.003	14.799			
12/12/2015 3:05:00 PM	961500.000	12.011	17.640	27.378
7796.967	9072.234	5.123	6169.120	128.255
1.003	14.799			
12/12/2015 3:10:00 PM	961800.000	12.011	17.641	27.377
7799.486	9075.025	5.124	6171.017	128.214
1.003	14.799			
12/12/2015 3:15:00 PM	962100.000	12.012	17.641	27.380
7797.750	9073.091	5.123	6169.702	128.242
1.003	14.799			
12/12/2015 3:20:00 PM	962400.000	12.011	17.641	27.377
7798.319	9073.613	5.123	6170.057	128.233
1.003	14.802			
12/12/2015 3:25:00 PM	962700.000	12.009	17.641	27.372
7798.318	9073.752	5.123	6170.152	128.233
1.003	14.804			
12/12/2015 3:30:00 PM	963000.000	12.008	17.641	27.369
7796.125	9071.221	5.122	6168.430	128.269
1.003	14.806			
12/12/2015 3:35:00 PM	963300.000	12.009	17.641	27.372
7797.539	9072.812	5.123	6169.512	128.246
1.003	14.807			
12/12/2015 3:40:00 PM	963600.000	12.008	17.640	27.370
7796.587	9071.810	5.122	6168.831	128.261
1.003	14.808			
12/12/2015 3:45:00 PM	963900.000	12.009	17.641	27.371
7796.002	9070.955	5.122	6168.250	128.271
1.003	14.809			
12/12/2015 3:50:00 PM	964200.000	12.008	17.641	27.369
7798.833	9074.317	5.124	6170.536	128.224
1.003	14.809			
12/12/2015 3:55:00 PM	964500.000	12.008	17.641	27.371
7795.736	9070.645	5.122	6168.039	128.275
1.003	14.808			
12/12/2015 4:00:00 PM	964800.000	12.013	17.641	27.381
7797.108	9072.294	5.123	6169.160	128.253

1.003	14.808			
12/12/2015 4:05:00 PM	965100.000	12.012	17.641	27.378
7797.033	9072.242	5.123	6169.125	128.254
1.003	14.808			
12/12/2015 4:10:00 PM	965400.000	12.012	17.641	27.378
7796.957	9072.101	5.122	6169.029	128.255
1.003	14.808			
12/12/2015 4:15:00 PM	965700.000	12.013	17.641	27.381
7795.917	9070.856	5.122	6168.183	128.272
1.003	14.808			
12/12/2015 4:20:00 PM	966000.000	12.011	17.641	27.376
7796.540	9071.616	5.122	6168.700	128.262
1.003	14.810			
12/12/2015 4:25:00 PM	966300.000	12.009	17.640	27.372
7796.484	9071.655	5.122	6168.726	128.263
1.003	14.813			
12/12/2015 4:30:00 PM	966600.000	12.007	17.641	27.368
7796.175	9071.208	5.122	6168.422	128.268
1.003	14.815			
12/12/2015 4:35:00 PM	966900.000	12.009	17.641	27.371
7796.572	9071.602	5.122	6168.689	128.261
1.003	14.815			
12/12/2015 4:40:00 PM	967200.000	12.009	17.641	27.373
7795.039	9069.869	5.121	6167.511	128.287
1.003	14.815			
12/12/2015 4:45:00 PM	967500.000	12.010	17.641	27.374
7794.191	9068.917	5.121	6166.864	128.301
1.003	14.815			
12/12/2015 4:50:00 PM	967800.000	12.011	17.641	27.377
7796.245	9071.340	5.122	6168.511	128.267
1.003	14.816			
12/12/2015 4:55:00 PM	968100.000	12.009	17.641	27.373
7795.508	9070.362	5.121	6167.847	128.279
1.003	14.817			
12/12/2015 5:00:00 PM	968400.000	12.009	17.641	27.373
7795.008	9069.834	5.121	6167.488	128.287
1.003	14.818			
12/12/2015 5:05:00 PM	968700.000	12.009	17.641	27.372
7795.578	9070.496	5.121	6167.938	128.278
1.003	14.817			
12/12/2015 5:10:00 PM	969000.000	12.009	17.641	27.373
7793.157	9067.607	5.120	6165.974	128.318
1.003	14.816			
12/12/2015 5:15:00 PM	969300.000	12.011	17.641	27.377
7794.539	9069.374	5.121	6167.175	128.295
1.003	14.814			
12/12/2015 5:20:00 PM	969600.000	12.011	17.641	27.376
7794.048	9068.769	5.120	6166.763	128.303
1.003	14.814			
12/12/2015 5:25:00 PM	969900.000	12.012	17.641	27.378
7793.913	9068.541	5.120	6166.608	128.305
1.003	14.815			
12/12/2015 5:30:00 PM	970200.000	12.011	17.640	27.376
7794.364	9069.259	5.121	6167.097	128.298
1.003	14.815			
12/12/2015 5:35:00 PM	970500.000	12.011	17.641	27.378
7794.742	9069.576	5.121	6167.312	128.292

1.003	14.815			
12/12/2015 5:40:00 PM	970800.000	12.013	17.641	27.381
7794.568	9069.355	5.121	6167.162	128.294
1.003	14.816			
12/12/2015 5:45:00 PM	971100.000	12.012	17.641	27.380
7793.683	9068.325	5.120	6166.462	128.309
1.003	14.816			
12/12/2015 5:50:00 PM	971400.000	12.012	17.641	27.380
7793.692	9068.336	5.120	6166.469	128.309
1.003	14.817			
12/12/2015 5:55:00 PM	971700.000	12.014	17.641	27.383
7791.566	9065.862	5.119	6164.787	128.344
1.003	14.817			
12/12/2015 6:00:00 PM	972000.000	12.016	17.641	27.388
7793.232	9067.819	5.120	6166.118	128.316
1.003	14.817			
12/12/2015 6:05:00 PM	972300.000	12.014	17.641	27.383
7793.471	9068.098	5.120	6166.307	128.313
1.003	14.818			
12/12/2015 6:10:00 PM	972600.000	12.013	17.641	27.381
7792.314	9066.699	5.119	6165.355	128.332
1.003	14.819			
12/12/2015 6:15:00 PM	972900.000	12.013	17.641	27.381
7793.819	9068.467	5.120	6166.558	128.307
1.003	14.820			
12/12/2015 6:20:00 PM	973200.000	12.013	17.641	27.381
7794.184	9068.908	5.121	6166.858	128.301
1.003	14.820			
12/12/2015 6:25:00 PM	973500.000	12.014	17.641	27.383
7794.201	9068.911	5.121	6166.860	128.301
1.003	14.820			
12/12/2015 6:30:00 PM	973800.000	12.014	17.641	27.383
7789.614	9063.539	5.117	6163.207	128.376
1.003	14.820			
12/12/2015 6:35:00 PM	974100.000	12.012	17.640	27.378
7791.584	9065.989	5.119	6164.873	128.344
1.003	14.824			
12/12/2015 6:40:00 PM	974400.000	12.010	17.640	27.374
7791.090	9065.396	5.118	6164.470	128.352
1.003	14.828			
12/12/2015 6:45:00 PM	974700.000	12.005	17.640	27.363
7790.303	9064.463	5.118	6163.835	128.365
1.003	14.831			
12/12/2015 6:50:00 PM	975000.000	12.008	17.641	27.370
7791.673	9065.935	5.119	6164.836	128.342
1.003	14.827			
12/12/2015 6:55:00 PM	975300.000	12.013	17.641	27.380
7790.216	9064.170	5.118	6163.636	128.366
1.003	14.824			
12/12/2015 7:00:00 PM	975600.000	12.015	17.641	27.386
7790.321	9064.361	5.118	6163.766	128.364
1.003	14.820			
12/12/2015 7:05:00 PM	975900.000	12.017	17.641	27.391
7788.607	9062.402	5.117	6162.434	128.393
1.003	14.818			
12/12/2015 7:10:00 PM	976200.000	12.018	17.641	27.393
7790.483	9064.621	5.118	6163.943	128.362
1.003	14.817			

12/12/2015 7:15:00 PM	976500.000	12.021	17.641	27.399
7789.474	9063.342	5.117	6163.073	128.378
1.003	14.815			
12/12/2015 7:20:00 PM	976800.000	12.021	17.641	27.399
7788.433	9062.250	5.116	6162.330	128.396
1.003	14.818			
12/12/2015 7:25:00 PM	977100.000	12.020	17.640	27.397
7787.071	9060.702	5.116	6161.278	128.418
1.003	14.820			
12/12/2015 7:30:00 PM	977400.000	12.016	17.641	27.388
7787.624	9061.329	5.116	6161.704	128.409
1.003	14.822			
12/12/2015 7:35:00 PM	977700.000	12.014	17.640	27.383
7789.548	9063.655	5.117	6163.286	128.377
1.003	14.824			
12/12/2015 7:40:00 PM	978000.000	12.013	17.641	27.381
7788.944	9062.742	5.117	6162.665	128.387
1.003	14.827			
12/12/2015 7:45:00 PM	978300.000	12.011	17.641	27.377
7787.800	9061.464	5.116	6161.795	128.406
1.003	14.829			
12/12/2015 7:50:00 PM	978600.000	12.011	17.641	27.377
7787.923	9061.624	5.116	6161.905	128.404
1.003	14.830			
12/12/2015 7:55:00 PM	978900.000	12.010	17.641	27.374
7787.487	9061.083	5.116	6161.537	128.411
1.003	14.831			
12/12/2015 8:00:00 PM	979200.000	12.012	17.641	27.379
7788.411	9062.245	5.116	6162.327	128.396
1.003	14.832			
12/12/2015 8:05:00 PM	979500.000	12.014	17.641	27.383
7788.600	9062.395	5.117	6162.428	128.393
1.003	14.830			
12/12/2015 8:10:00 PM	979800.000	12.017	17.641	27.390
7787.484	9061.113	5.116	6161.557	128.411
1.003	14.827			
12/12/2015 8:15:00 PM	980100.000	12.018	17.641	27.393
7788.775	9062.633	5.117	6162.590	128.390
1.003	14.825			
12/12/2015 8:20:00 PM	980400.000	12.018	17.641	27.393
7786.700	9060.254	5.115	6160.973	128.424
1.003	14.825			
12/12/2015 8:25:00 PM	980700.000	12.020	17.641	27.398
7787.929	9061.630	5.116	6161.909	128.404
1.003	14.825			
12/12/2015 8:30:00 PM	981000.000	12.020	17.641	27.398
7786.841	9060.313	5.115	6161.013	128.422
1.003	14.824			
12/12/2015 8:35:00 PM	981300.000	12.019	17.641	27.396
7787.545	9061.167	5.116	6161.594	128.410
1.003	14.826			
12/12/2015 8:40:00 PM	981600.000	12.018	17.641	27.392
7788.374	9062.147	5.116	6162.261	128.397
1.003	14.827			
12/12/2015 8:45:00 PM	981900.000	12.016	17.641	27.388
7787.883	9061.610	5.116	6161.896	128.405
1.003	14.829			

12/12/2015 8:50:00 PM	982200.000	12.019	17.640	27.394
7786.766	9060.348	5.115	6161.037	128.423
1.003	14.828			
12/12/2015 8:55:00 PM	982500.000	12.020	17.641	27.397
7787.583	9061.245	5.116	6161.647	128.410
1.003	14.827			
12/12/2015 9:00:00 PM	982800.000	12.020	17.641	27.396
7787.911	9061.593	5.116	6161.884	128.404
1.003	14.825			
12/12/2015 9:05:00 PM	983100.000	12.018	17.641	27.392
7785.474	9058.792	5.114	6159.979	128.444
1.003	14.828			
12/12/2015 9:10:00 PM	983400.000	12.015	17.641	27.385
7786.604	9060.142	5.115	6160.897	128.426
1.003	14.831			
12/12/2015 9:15:00 PM	983700.000	12.012	17.641	27.379
7787.818	9061.449	5.116	6161.786	128.406
1.003	14.833			
12/12/2015 9:20:00 PM	984000.000	12.018	17.640	27.393
7786.237	9059.732	5.115	6160.618	128.432
1.003	14.829			
12/12/2015 9:25:00 PM	984300.000	12.021	17.641	27.400
7787.813	9061.390	5.116	6161.746	128.406
1.003	14.824			
12/12/2015 9:30:00 PM	984600.000	12.026	17.641	27.411
7785.325	9058.618	5.114	6159.861	128.447
1.003	14.819			
12/12/2015 9:35:00 PM	984900.000	12.026	17.641	27.410
7785.892	9059.226	5.115	6160.273	128.437
1.003	14.820			
12/12/2015 9:40:00 PM	985200.000	12.025	17.641	27.409
7785.845	9059.224	5.115	6160.272	128.438
1.003	14.821			
12/12/2015 9:45:00 PM	985500.000	12.023	17.642	27.404
7785.802	9058.981	5.115	6160.107	128.439
1.003	14.821			
12/12/2015 9:50:00 PM	985800.000	12.021	17.641	27.400
7787.601	9061.303	5.116	6161.687	128.409
1.003	14.824			
12/12/2015 9:55:00 PM	986100.000	12.021	17.641	27.399
7786.248	9059.641	5.115	6160.556	128.432
1.003	14.827			
12/12/2015 10:00:00 PM	986400.000	12.017	17.641	27.391
7784.052	9057.103	5.113	6158.830	128.468
1.003	14.830			
12/12/2015 10:05:00 PM	986700.000	12.018	17.641	27.392
7786.645	9060.137	5.115	6160.894	128.425
1.003	14.829			
12/12/2015 10:10:00 PM	987000.000	12.021	17.641	27.399
7787.105	9060.620	5.116	6161.222	128.417
1.003	14.828			
12/12/2015 10:15:00 PM	987300.000	12.022	17.640	27.402
7786.342	9059.854	5.115	6160.701	128.430
1.003	14.827			
12/12/2015 10:20:00 PM	987600.000	12.021	17.641	27.399
7784.591	9057.800	5.114	6159.304	128.459
1.003	14.827			
12/12/2015 10:25:00 PM	987900.000	12.023	17.641	27.404

7784.728	9057.889	5.114	6159.365	128.457
1.003	14.827			
12/12/2015 10:30:00 PM	988200.000	12.022	17.641	27.401
7786.184	9059.600	5.115	6160.528	128.433
1.003	14.827			
12/12/2015 10:35:00 PM	988500.000	12.022	17.641	27.402
7784.537	9057.717	5.114	6159.248	128.460
1.003	14.827			
12/12/2015 10:40:00 PM	988800.000	12.021	17.641	27.399
7785.885	9059.285	5.115	6160.314	128.438
1.003	14.827			
12/12/2015 10:45:00 PM	989100.000	12.023	17.641	27.404
7788.086	9061.779	5.116	6162.010	128.401
1.003	14.827			
12/12/2015 10:50:00 PM	989400.000	12.021	17.642	27.400
7786.647	9059.999	5.115	6160.799	128.425
1.003	14.828			
12/12/2015 10:55:00 PM	989700.000	12.020	17.641	27.398
7787.615	9061.248	5.116	6161.649	128.409
1.003	14.828			
12/12/2015 11:00:00 PM	990000.000	12.021	17.641	27.400
7785.448	9058.797	5.114	6159.982	128.445
1.003	14.828			
12/12/2015 11:05:00 PM	990300.000	12.020	17.641	27.396
7785.654	9059.017	5.115	6160.131	128.441
1.003	14.828			
12/12/2015 11:10:00 PM	990600.000	12.022	17.641	27.401
7786.519	9060.043	5.115	6160.830	128.427
1.003	14.827			
12/12/2015 11:15:00 PM	990900.000	12.022	17.641	27.401
7782.168	9054.876	5.112	6157.316	128.499
1.003	14.827			
12/12/2015 11:20:00 PM	991200.000	12.020	17.641	27.398
7786.232	9059.622	5.115	6160.543	128.432
1.003	14.828			
12/12/2015 11:25:00 PM	991500.000	12.021	17.641	27.401
7785.610	9058.933	5.114	6160.075	128.442
1.003	14.829			
12/12/2015 11:30:00 PM	991800.000	12.020	17.641	27.397
7785.557	9058.889	5.114	6160.044	128.443
1.003	14.829			
12/12/2015 11:35:00 PM	992100.000	12.021	17.641	27.401
7785.948	9059.379	5.115	6160.378	128.437
1.003	14.829			
12/12/2015 11:40:00 PM	992400.000	12.022	17.640	27.401
7783.381	9056.427	5.113	6158.371	128.479
1.003	14.828			
12/12/2015 11:45:00 PM	992700.000	12.022	17.640	27.401
7786.057	9059.522	5.115	6160.475	128.435
1.003	14.827			
12/12/2015 11:50:00 PM	993000.000	12.023	17.640	27.404
7785.501	9058.876	5.114	6160.036	128.444
1.003	14.826			
12/12/2015 11:55:00 PM	993300.000	12.024	17.641	27.406
7785.239	9058.533	5.114	6159.803	128.448
1.003	14.825			
12/13/2015 12:00:00 AM	993600.000	12.025	17.641	27.409

7787.339	9060.875	5.116	6161.396	128.414
1.003	14.824			
12/13/2015 12:05:00 AM	993900.000	12.025	17.640	27.409
7785.991	9059.496	5.115	6160.458	128.436
1.003	14.823			
12/13/2015 12:10:00 AM	994200.000	12.026	17.641	27.410
7784.321	9057.466	5.114	6159.077	128.463
1.003	14.823			
12/13/2015 12:15:00 AM	994500.000	12.025	17.641	27.408
7785.696	9059.085	5.115	6160.178	128.441
1.003	14.822			
12/13/2015 12:20:00 AM	994800.000	12.024	17.641	27.405
7786.281	9059.645	5.115	6160.558	128.431
1.003	14.823			
12/13/2015 12:25:00 AM	995100.000	12.023	17.641	27.405
7785.743	9059.053	5.115	6160.156	128.440
1.003	14.824			
12/13/2015 12:30:00 AM	995400.000	12.023	17.641	27.403
7784.083	9057.209	5.113	6158.903	128.467
1.003	14.825			
12/13/2015 12:35:00 AM	995700.000	12.023	17.640	27.404
7787.228	9060.901	5.116	6161.413	128.415
1.003	14.826			
12/13/2015 12:40:00 AM	996000.000	12.021	17.640	27.400
7785.760	9059.178	5.115	6160.241	128.440
1.003	14.826			
12/13/2015 12:45:00 AM	996300.000	12.021	17.641	27.399
7785.677	9059.011	5.115	6160.127	128.441
1.003	14.827			
12/13/2015 12:50:00 AM	996600.000	12.022	17.640	27.403
7784.499	9057.710	5.114	6159.243	128.460
1.003	14.826			
12/13/2015 12:55:00 AM	996900.000	12.023	17.641	27.405
7787.898	9061.628	5.116	6161.908	128.404
1.003	14.824			
12/13/2015 1:00:00 AM	997200.000	12.023	17.640	27.404
7788.510	9062.377	5.117	6162.417	128.394
1.003	14.823			
12/13/2015 1:05:00 AM	997500.000	12.023	17.641	27.404
7787.509	9061.160	5.116	6161.589	128.411
1.003	14.823			
12/13/2015 1:10:00 AM	997800.000	12.023	17.640	27.404
7787.009	9060.630	5.116	6161.229	128.419
1.003	14.823			
12/13/2015 1:15:00 AM	998100.000	12.024	17.640	27.407
7788.215	9062.034	5.116	6162.183	128.399
1.003	14.823			
12/13/2015 1:20:00 AM	998400.000	12.024	17.641	27.407
7784.910	9058.065	5.114	6159.485	128.454
1.003	14.822			
12/13/2015 1:25:00 AM	998700.000	12.025	17.641	27.410
7785.753	9059.081	5.115	6160.176	128.440
1.003	14.822			
12/13/2015 1:30:00 AM	999000.000	12.025	17.641	27.408
7788.349	9062.102	5.116	6162.229	128.397
1.003	14.821			
12/13/2015 1:35:00 AM	999300.000	12.024	17.641	27.408
7786.788	9060.251	5.115	6160.971	128.423

1.003	14.821				
12/13/2015 1:40:00 AM	999600.000	12.026	17.640	27.411	
7787.934	9061.724	5.116	6161.973	128.404	
1.003	14.821				
12/13/2015 1:45:00 AM	999900.000	12.024	17.641	27.408	
7787.895	9061.645	5.116	6161.918	128.404	
1.003	14.822				
12/13/2015 1:50:00 AM	1000200.000	12.024	17.640	27.406	
7786.502	9060.041	5.115	6160.829	128.427	
1.003	14.820				
12/13/2015 1:55:00 AM	1000500.000	12.026	17.641	27.410	
7787.959	9061.632	5.116	6161.910	128.403	
1.003	14.818				
12/13/2015 2:00:00 AM	1000800.000	12.027	17.640	27.412	
7788.110	9061.962	5.116	6162.135	128.401	
1.003	14.816				
12/13/2015 2:05:00 AM	1001100.000	12.026	17.640	27.410	
7789.635	9063.703	5.117	6163.319	128.376	
1.003	14.817				
12/13/2015 2:10:00 AM	1001400.000	12.025	17.641	27.409	
7787.808	9061.508	5.116	6161.826	128.406	
1.003	14.818				
12/13/2015 2:15:00 AM	1001700.000	12.023	17.641	27.405	
7790.420	9064.583	5.118	6163.917	128.363	
1.003	14.820				
12/13/2015 2:20:00 AM	1002000.000	12.024	17.641	27.407	
7787.885	9061.458	5.116	6161.792	128.405	
1.003	14.820				
12/13/2015 2:25:00 AM	1002300.000	12.025	17.641	27.408	
7789.151	9063.019	5.117	6162.853	128.384	
1.003	14.820				
12/13/2015 2:30:00 AM	1002600.000	12.027	17.641	27.414	
7790.433	9064.544	5.118	6163.890	128.363	
1.003	14.819				
12/13/2015 2:35:00 AM	1002900.000	12.029	17.641	27.418	
7790.711	9064.886	5.118	6164.123	128.358	
1.003	14.819				
12/13/2015 2:40:00 AM	1003200.000	12.029	17.640	27.418	
7791.429	9065.845	5.119	6164.775	128.346	
1.003	14.818				
12/13/2015 2:45:00 AM	1003500.000	12.026	17.641	27.410	
7790.655	9064.856	5.118	6164.103	128.359	
1.003	14.817				
12/13/2015 2:50:00 AM	1003800.000	12.027	17.641	27.412	
7791.084	9065.302	5.118	6164.405	128.352	
1.003	14.816				
12/13/2015 2:55:00 AM	1004100.000	12.024	17.641	27.407	
7789.711	9063.704	5.117	6163.319	128.374	
1.003	14.816				
12/13/2015 3:00:00 AM	1004400.000	12.024	17.641	27.407	
7789.520	9063.500	5.117	6163.180	128.378	
1.003	14.815				
12/13/2015 3:05:00 AM	1004700.000	12.025	17.641	27.409	
7787.371	9060.895	5.116	6161.408	128.413	
1.003	14.815				
12/13/2015 3:10:00 AM	1005000.000	12.024	17.641	27.406	
7787.857	9061.514	5.116	6161.830	128.405	

1.003	14.816				
12/13/2015 3:15:00 AM	1005300.000	12.023	17.641	27.405	
7787.947	9061.704	5.116	6161.959	128.404	
1.003	14.816				
12/13/2015 3:20:00 AM	1005600.000	12.026	17.640	27.411	
7788.452	9062.344	5.117	6162.395	128.395	
1.003	14.810				
12/13/2015 3:25:00 AM	1005900.000	12.030	17.641	27.420	
7788.324	9062.124	5.116	6162.245	128.397	
1.003	14.805				
12/13/2015 3:30:00 AM	1006200.000	12.033	17.641	27.427	
7788.880	9062.631	5.117	6162.589	128.388	
1.003	14.799				
12/13/2015 3:35:00 AM	1006500.000	12.035	17.641	27.431	
7789.657	9063.694	5.117	6163.313	128.375	
1.003	14.799				
12/13/2015 3:40:00 AM	1006800.000	12.033	17.640	27.427	
7790.041	9064.193	5.118	6163.651	128.369	
1.003	14.798				
12/13/2015 3:45:00 AM	1007100.000	12.031	17.641	27.422	
7789.627	9063.640	5.117	6163.275	128.376	
1.003	14.798				
12/13/2015 3:50:00 AM	1007400.000	12.027	17.641	27.413	
7786.917	9060.437	5.115	6161.097	128.421	
1.003	14.800				
12/13/2015 3:55:00 AM	1007700.000	12.024	17.641	27.407	
7786.949	9060.509	5.115	6161.146	128.420	
1.003	14.801				
12/13/2015 4:00:00 AM	1008000.000	12.023	17.641	27.404	
7787.465	9061.109	5.116	6161.554	128.411	
1.003	14.803				
12/13/2015 4:05:00 AM	1008300.000	12.026	17.641	27.412	
7787.991	9061.702	5.116	6161.958	128.403	
1.003	14.798				
12/13/2015 4:10:00 AM	1008600.000	12.029	17.641	27.418	
7786.326	9059.731	5.115	6160.618	128.430	
1.003	14.794				
12/13/2015 4:15:00 AM	1008900.000	12.032	17.640	27.424	
7788.467	9062.378	5.117	6162.417	128.395	
1.003	14.789				
12/13/2015 4:20:00 AM	1009200.000	12.033	17.640	27.426	
7787.564	9061.276	5.116	6161.668	128.410	
1.003	14.786				
12/13/2015 4:25:00 AM	1009500.000	12.032	17.640	27.425	
7788.721	9062.674	5.117	6162.619	128.391	
1.003	14.784				
12/13/2015 4:30:00 AM	1009800.000	12.036	17.641	27.435	
7789.683	9063.689	5.117	6163.310	128.375	
1.003	14.782				
12/13/2015 4:35:00 AM	1010100.000	12.035	17.641	27.431	
7787.014	9060.549	5.115	6161.174	128.419	
1.003	14.785				
12/13/2015 4:40:00 AM	1010400.000	12.032	17.641	27.424	
7788.692	9062.519	5.117	6162.513	128.391	
1.003	14.788				
12/13/2015 4:45:00 AM	1010700.000	12.027	17.641	27.413	
7790.085	9064.193	5.118	6163.651	128.368	
1.003	14.791				

12/13/2015 4:50:00 AM	1011000.000	12.027	17.641	27.412
7790.959	9065.140	5.118	6164.295	128.354
1.003	14.789			
12/13/2015 4:55:00 AM	1011300.000	12.028	17.641	27.415
7792.793	9067.204	5.119	6165.699	128.324
1.003	14.788			
12/13/2015 5:00:00 AM	1011600.000	12.029	17.640	27.418
7791.963	9066.431	5.119	6165.173	128.337
1.003	14.786			
12/13/2015 5:05:00 AM	1011900.000	12.027	17.641	27.414
7791.608	9065.878	5.119	6164.797	128.343
1.003	14.784			
12/13/2015 5:10:00 AM	1012200.000	12.029	17.641	27.417
7791.647	9065.976	5.119	6164.864	128.343
1.003	14.783			
12/13/2015 5:15:00 AM	1012500.000	12.031	17.640	27.423
7791.894	9066.365	5.119	6165.129	128.339
1.003	14.781			
12/13/2015 5:20:00 AM	1012800.000	12.030	17.641	27.420
7792.965	9067.473	5.120	6165.882	128.321
1.003	14.782			
12/13/2015 5:25:00 AM	1013100.000	12.030	17.641	27.419
7789.677	9063.664	5.117	6163.292	128.375
1.003	14.782			
12/13/2015 5:30:00 AM	1013400.000	12.031	17.640	27.421
7790.674	9064.895	5.118	6164.129	128.359
1.003	14.783			
12/13/2015 5:35:00 AM	1013700.000	12.032	17.641	27.424
7793.149	9067.737	5.120	6166.062	128.318
1.003	14.782			
12/13/2015 5:40:00 AM	1014000.000	12.029	17.640	27.418
7794.909	9069.839	5.121	6167.491	128.289
1.003	14.781			
12/13/2015 5:45:00 AM	1014300.000	12.031	17.641	27.422
7793.714	9068.310	5.120	6166.451	128.309
1.003	14.781			
12/13/2015 5:50:00 AM	1014600.000	12.033	17.641	27.426
7792.964	9067.508	5.120	6165.905	128.321
1.003	14.779			
12/13/2015 5:55:00 AM	1014900.000	12.029	17.640	27.417
7793.235	9067.875	5.120	6166.155	128.316
1.003	14.778			
12/13/2015 6:00:00 AM	1015200.000	12.031	17.641	27.423
7793.787	9068.429	5.120	6166.532	128.307
1.003	14.776			
12/13/2015 6:05:00 AM	1015500.000	12.032	17.640	27.424
7792.621	9067.177	5.119	6165.680	128.327
1.003	14.775			
12/13/2015 6:10:00 AM	1015800.000	12.033	17.641	27.426
7791.855	9066.217	5.119	6165.028	128.339
1.003	14.773			
12/13/2015 6:15:00 AM	1016100.000	12.031	17.641	27.423
7791.998	9066.364	5.119	6165.128	128.337
1.003	14.772			
12/13/2015 6:20:00 AM	1016400.000	12.033	17.641	27.427
7789.439	9063.421	5.117	6163.127	128.379
1.003	14.772			

12/13/2015 6:25:00 AM	1016700.000	12.031	17.641	27.422
7789.124	9063.054	5.117	6162.876	128.384
1.003	14.773			
12/13/2015 6:30:00 AM	1017000.000	12.034	17.640	27.430
7792.011	9066.450	5.119	6165.187	128.337
1.003	14.773			
12/13/2015 6:35:00 AM	1017300.000	12.034	17.641	27.430
7792.679	9067.140	5.119	6165.655	128.326
1.003	14.772			
12/13/2015 6:40:00 AM	1017600.000	12.032	17.640	27.425
7791.760	9066.159	5.119	6164.988	128.341
1.003	14.771			
12/13/2015 6:45:00 AM	1017900.000	12.035	17.640	27.431
7792.821	9067.410	5.120	6165.839	128.323
1.003	14.769			
12/13/2015 6:50:00 AM	1018200.000	12.036	17.641	27.433
7791.620	9065.925	5.119	6164.829	128.343
1.003	14.772			
12/13/2015 6:55:00 AM	1018500.000	12.034	17.640	27.430
7793.906	9068.764	5.120	6166.759	128.305
1.003	14.774			
12/13/2015 7:00:00 AM	1018800.000	12.032	17.640	27.425
7795.378	9070.368	5.121	6167.851	128.281
1.003	14.776			
12/13/2015 7:05:00 AM	1019100.000	12.030	17.641	27.420
7794.271	9068.957	5.121	6166.891	128.299
1.003	14.771			
12/13/2015 7:10:00 AM	1019400.000	12.031	17.641	27.422
7793.598	9068.280	5.120	6166.431	128.310
1.003	14.767			
12/13/2015 7:15:00 AM	1019700.000	12.036	17.641	27.434
7792.375	9066.836	5.119	6165.449	128.331
1.003	14.762			
12/13/2015 7:20:00 AM	1020000.000	12.037	17.641	27.435
7791.600	9065.955	5.119	6164.850	128.343
1.003	14.761			
12/13/2015 7:25:00 AM	1020300.000	12.035	17.641	27.432
7792.896	9067.394	5.120	6165.828	128.322
1.003	14.759			
12/13/2015 7:30:00 AM	1020600.000	12.037	17.641	27.436
7792.992	9067.575	5.120	6165.951	128.320
1.003	14.757			
12/13/2015 7:35:00 AM	1020900.000	12.038	17.641	27.438
7792.454	9066.948	5.119	6165.525	128.329
1.003	14.755			
12/13/2015 7:40:00 AM	1021200.000	12.037	17.641	27.436
7791.533	9065.807	5.119	6164.749	128.344
1.003	14.753			
12/13/2015 7:45:00 AM	1021500.000	12.039	17.640	27.440
7791.711	9066.102	5.119	6164.949	128.342
1.003	14.751			
12/13/2015 7:50:00 AM	1021800.000	12.038	17.640	27.439
7792.595	9067.146	5.119	6165.660	128.327
1.003	14.750			
12/13/2015 7:55:00 AM	1022100.000	12.038	17.640	27.439
7792.591	9067.125	5.119	6165.645	128.327
1.003	14.748			
12/13/2015 8:00:00 AM	1022400.000	12.040	17.641	27.443

7793.696	9068.358	5.120	6166.484	128.309
1.003	14.747			
12/13/2015 8:05:00 AM	1022700.000	12.042	17.640	27.446
7793.854	9068.631	5.120	6166.669	128.306
1.003	14.747			
12/13/2015 8:10:00 AM	1023000.000	12.043	17.641	27.451
7794.180	9068.835	5.120	6166.808	128.301
1.003	14.746			
12/13/2015 8:15:00 AM	1023300.000	12.041	17.641	27.445
7795.368	9070.270	5.121	6167.783	128.281
1.003	14.746			
12/13/2015 8:20:00 AM	1023600.000	12.036	17.641	27.433
7796.559	9071.565	5.122	6168.665	128.262
1.003	14.747			
12/13/2015 8:25:00 AM	1023900.000	12.035	17.641	27.431
7794.726	9069.557	5.121	6167.299	128.292
1.003	14.749			
12/13/2015 8:30:00 AM	1024200.000	12.031	17.641	27.423
7796.831	9071.937	5.122	6168.917	128.257
1.003	14.750			
12/13/2015 8:35:00 AM	1024500.000	12.032	17.640	27.424
7794.830	9069.747	5.121	6167.429	128.290
1.003	14.748			
12/13/2015 8:40:00 AM	1024800.000	12.032	17.641	27.424
7795.632	9070.523	5.122	6167.957	128.277
1.003	14.746			
12/13/2015 8:45:00 AM	1025100.000	12.031	17.641	27.423
7796.511	9071.564	5.122	6168.665	128.262
1.003	14.744			
12/13/2015 8:50:00 AM	1025400.000	12.035	17.641	27.431
7797.827	9073.200	5.123	6169.776	128.241
1.003	14.740			
12/13/2015 8:55:00 AM	1025700.000	12.037	17.641	27.437
7796.431	9071.489	5.122	6168.613	128.264
1.003	14.735			
12/13/2015 9:00:00 AM	1026000.000	12.041	17.640	27.446
7797.226	9072.554	5.123	6169.337	128.251
1.003	14.731			
12/13/2015 9:05:00 AM	1026300.000	12.039	17.640	27.440
7799.548	9075.237	5.124	6171.162	128.213
1.003	14.731			
12/13/2015 9:10:00 AM	1026600.000	12.037	17.640	27.436
7798.272	9073.735	5.123	6170.140	128.234
1.003	14.731			
12/13/2015 9:15:00 AM	1026900.000	12.036	17.641	27.433
7797.945	9073.268	5.123	6169.822	128.239
1.003	14.731			
12/13/2015 9:20:00 AM	1027200.000	12.036	17.640	27.434
7799.714	9075.501	5.125	6171.341	128.210
1.003	14.730			
12/13/2015 9:25:00 AM	1027500.000	12.037	17.641	27.435
7799.169	9074.709	5.124	6170.803	128.219
1.003	14.729			
12/13/2015 9:30:00 AM	1027800.000	12.035	17.641	27.431
7801.251	9077.150	5.126	6172.462	128.185
1.003	14.728			
12/13/2015 9:35:00 AM	1028100.000	12.035	17.640	27.430

7800.131	9075.916	5.125	6171.623	128.203
1.003	14.725			
12/13/2015 9:40:00 AM	1028400.000	12.036	17.641	27.434
7800.683	9076.384	5.125	6171.941	128.194
1.003	14.722			
12/13/2015 9:45:00 AM	1028700.000	12.035	17.641	27.431
7801.335	9077.247	5.126	6172.528	128.183
1.003	14.719			
12/13/2015 9:50:00 AM	1029000.000	12.037	17.640	27.435
7801.918	9078.049	5.126	6173.074	128.174
1.003	14.717			
12/13/2015 9:55:00 AM	1029300.000	12.037	17.641	27.437
7802.451	9078.545	5.126	6173.411	128.165
1.003	14.715			
12/13/2015 10:00:00 AM	1029600.000	12.039	17.641	27.440
7802.561	9078.673	5.126	6173.498	128.163
1.003	14.713			
12/13/2015 10:05:00 AM	1029900.000	12.040	17.641	27.443
7805.908	9082.498	5.129	6176.099	128.108
1.003	14.710			
12/13/2015 10:10:00 AM	1030200.000	12.042	17.641	27.447
7806.558	9083.339	5.129	6176.670	128.097
1.003	14.707			
12/13/2015 10:15:00 AM	1030500.000	12.042	17.641	27.447
7809.588	9086.832	5.131	6179.046	128.048
1.003	14.704			
12/13/2015 10:20:00 AM	1030800.000	12.042	17.641	27.448
7811.615	9089.068	5.133	6180.567	128.015
1.003	14.699			
12/13/2015 10:25:00 AM	1031100.000	12.044	17.640	27.452
7808.517	9085.691	5.131	6178.271	128.065
1.003	14.695			
12/13/2015 10:30:00 AM	1031400.000	12.045	17.641	27.455
7811.175	9088.696	5.133	6180.313	128.022
1.003	14.691			
12/13/2015 10:35:00 AM	1031700.000	12.044	17.641	27.453
7815.282	9093.336	5.135	6183.468	127.954
1.003	14.692			
12/13/2015 10:40:00 AM	1032000.000	12.041	17.641	27.445
7812.738	9090.445	5.134	6181.503	127.996
1.003	14.693			
12/13/2015 10:45:00 AM	1032300.000	12.042	17.641	27.447
7814.177	9092.226	5.135	6182.713	127.973
1.003	14.693			
12/13/2015 10:50:00 AM	1032600.000	12.047	17.641	27.459
7814.103	9092.067	5.135	6182.606	127.974
1.003	14.705			
12/13/2015 10:55:00 AM	1032900.000	12.047	17.641	27.459
7818.937	9097.709	5.138	6186.443	127.895
1.003	14.717			
12/13/2015 11:00:00 AM	1033200.000	12.040	17.640	27.443
7826.773	9106.915	5.144	6192.702	127.767
1.003	14.728			
12/13/2015 11:05:00 AM	1033500.000	12.039	17.641	27.441
7832.886	9113.959	5.148	6197.493	127.667
1.003	14.729			
12/13/2015 11:10:00 AM	1033800.000	12.039	17.641	27.441
7836.642	9118.293	5.150	6200.440	127.606

1.003	14.731				
12/13/2015 11:15:00 AM	1034100.000	12.041	17.641	27.444	
7838.651	9120.701	5.152	6202.077	127.573	
1.003	14.732				
12/13/2015 11:20:00 AM	1034400.000	12.041	17.641	27.445	
7839.011	9121.100	5.152	6202.348	127.567	
1.003	14.731				
12/13/2015 11:25:00 AM	1034700.000	12.041	17.641	27.444	
7834.916	9116.285	5.149	6199.074	127.634	
1.003	14.730				
12/13/2015 11:30:00 AM	1035000.000	12.041	17.641	27.445	
7834.303	9115.503	5.149	6198.542	127.644	
1.003	14.729				
12/13/2015 11:35:00 AM	1035300.000	12.039	17.640	27.441	
7832.088	9113.082	5.147	6196.896	127.680	
1.003	14.729				
12/13/2015 11:40:00 AM	1035600.000	12.039	17.641	27.441	
7830.272	9110.953	5.146	6195.448	127.709	
1.003	14.729				
12/13/2015 11:45:00 AM	1035900.000	12.040	17.641	27.443	
7825.684	9105.613	5.143	6191.817	127.784	
1.003	14.730				
12/13/2015 11:50:00 AM	1036200.000	12.039	17.641	27.440	
7823.821	9103.446	5.141	6190.344	127.815	
1.003	14.730				
12/13/2015 11:55:00 AM	1036500.000	12.038	17.641	27.438	
7822.163	9101.394	5.140	6188.948	127.842	
1.003	14.731				
12/13/2015 12:00:00 PM	1036800.000	12.036	17.641	27.433	
7821.157	9100.311	5.140	6188.212	127.858	
1.003	14.732				
12/13/2015 12:05:00 PM	1037100.000	12.039	17.641	27.441	
7819.794	9098.740	5.139	6187.144	127.881	
1.003	14.730				
12/13/2015 12:10:00 PM	1037400.000	12.039	17.641	27.441	
7819.120	9097.923	5.138	6186.588	127.892	
1.003	14.728				
12/13/2015 12:15:00 PM	1037700.000	12.043	17.641	27.449	
7816.793	9095.163	5.136	6184.711	127.930	
1.003	14.726				
12/13/2015 12:20:00 PM	1038000.000	12.044	17.641	27.452	
7817.791	9096.395	5.137	6185.549	127.913	
1.003	14.726				
12/13/2015 12:25:00 PM	1038300.000	12.042	17.640	27.448	
7814.661	9092.855	5.135	6183.142	127.965	
1.003	14.725				
12/13/2015 12:30:00 PM	1038600.000	12.043	17.640	27.450	
7813.649	9091.628	5.134	6182.307	127.981	
1.003	14.724				
12/13/2015 12:35:00 PM	1038900.000	12.047	17.641	27.458	
7810.332	9087.576	5.132	6179.552	128.036	
1.003	14.723				
12/13/2015 12:40:00 PM	1039200.000	12.048	17.641	27.461	
7810.735	9088.166	5.132	6179.954	128.029	
1.003	14.722				
12/13/2015 12:45:00 PM	1039500.000	12.049	17.641	27.462	
7811.829	9089.492	5.133	6180.855	128.011	

1.003	14.721				
12/13/2015 12:50:00 PM	1039800.000	12.045	17.641	27.455	
7808.858	9085.948	5.131	6178.445	128.060	
1.003	14.723				
12/13/2015 12:55:00 PM	1040100.000	12.045	17.641	27.454	
7810.683	9088.159	5.132	6179.948	128.030	
1.003	14.725				
12/13/2015 1:00:00 PM	1040400.000	12.039	17.641	27.440	
7808.948	9086.053	5.131	6178.517	128.058	
1.003	14.728				
12/13/2015 1:05:00 PM	1040700.000	12.042	17.641	27.448	
7807.982	9084.930	5.130	6177.753	128.074	
1.003	14.726				
12/13/2015 1:10:00 PM	1041000.000	12.043	17.640	27.451	
7809.665	9087.027	5.132	6179.179	128.046	
1.003	14.724				
12/13/2015 1:15:00 PM	1041300.000	12.048	17.640	27.462	
7808.559	9085.705	5.131	6178.279	128.065	
1.003	14.722				
12/13/2015 1:20:00 PM	1041600.000	12.046	17.640	27.457	
7807.260	9084.244	5.130	6177.287	128.086	
1.003	14.723				
12/13/2015 1:25:00 PM	1041900.000	12.047	17.640	27.458	
7807.116	9084.077	5.130	6177.173	128.088	
1.003	14.723				
12/13/2015 1:30:00 PM	1042200.000	12.047	17.641	27.458	
7803.938	9080.241	5.127	6174.564	128.140	
1.003	14.724				
12/13/2015 1:35:00 PM	1042500.000	12.049	17.641	27.462	
7804.426	9080.826	5.128	6174.962	128.132	
1.003	14.722				
12/13/2015 1:40:00 PM	1042800.000	12.050	17.640	27.466	
7805.629	9082.296	5.129	6175.961	128.113	
1.003	14.720				
12/13/2015 1:45:00 PM	1043100.000	12.052	17.641	27.471	
7806.614	9083.318	5.129	6176.657	128.097	
1.003	14.718				
12/13/2015 1:50:00 PM	1043400.000	12.051	17.641	27.467	
7806.948	9083.743	5.130	6176.946	128.091	
1.003	14.721				
12/13/2015 1:55:00 PM	1043700.000	12.047	17.641	27.459	
7804.571	9081.013	5.128	6175.089	128.130	
1.003	14.725				
12/13/2015 2:00:00 PM	1044000.000	12.044	17.640	27.451	
7802.611	9078.819	5.127	6173.597	128.162	
1.003	14.728				
12/13/2015 2:05:00 PM	1044300.000	12.045	17.640	27.453	
7805.836	9082.572	5.129	6176.150	128.109	
1.003	14.727				
12/13/2015 2:10:00 PM	1044600.000	12.046	17.641	27.458	
7805.351	9081.868	5.128	6175.670	128.117	
1.003	14.726				
12/13/2015 2:15:00 PM	1044900.000	12.047	17.641	27.458	
7803.208	9079.441	5.127	6174.021	128.152	
1.003	14.725				
12/13/2015 2:20:00 PM	1045200.000	12.047	17.640	27.459	
7802.586	9078.791	5.127	6173.578	128.163	
1.003	14.725				

12/13/2015 2:25:00 PM	1045500.000	12.047	17.641	27.458
7804.458	9080.896	5.128	6175.010	128.132
1.003	14.725			
12/13/2015 2:30:00 PM	1045800.000	12.049	17.640	27.463
7803.192	9079.461	5.127	6174.034	128.153
1.003	14.724			
12/13/2015 2:35:00 PM	1046100.000	12.045	17.640	27.453
7800.252	9076.074	5.125	6171.731	128.201
1.003	14.729			
12/13/2015 2:40:00 PM	1046400.000	12.046	17.641	27.456
7801.552	9077.500	5.126	6172.700	128.180
1.003	14.734			
12/13/2015 2:45:00 PM	1046700.000	12.044	17.641	27.453
7800.682	9076.436	5.125	6171.977	128.194
1.003	14.739			
12/13/2015 2:50:00 PM	1047000.000	12.043	17.641	27.450
7804.241	9080.576	5.128	6174.792	128.135
1.003	14.737			
12/13/2015 2:55:00 PM	1047300.000	12.042	17.641	27.447
7802.304	9078.356	5.126	6173.283	128.167
1.003	14.736			
12/13/2015 3:00:00 PM	1047600.000	12.042	17.641	27.448
7805.308	9081.885	5.128	6175.682	128.118
1.003	14.734			
12/13/2015 3:05:00 PM	1047900.000	12.042	17.640	27.448
7800.640	9076.508	5.125	6172.026	128.195
1.003	14.733			
12/13/2015 3:10:00 PM	1048200.000	12.045	17.640	27.455
7802.984	9079.253	5.127	6173.893	128.156
1.003	14.732			
12/13/2015 3:15:00 PM	1048500.000	12.048	17.641	27.461
7800.311	9076.056	5.125	6171.718	128.200
1.003	14.731			
12/13/2015 3:20:00 PM	1048800.000	12.048	17.640	27.462
7799.710	9075.426	5.124	6171.290	128.210
1.003	14.732			
12/13/2015 3:25:00 PM	1049100.000	12.047	17.641	27.458
7797.742	9073.102	5.123	6169.709	128.242
1.003	14.733			
12/13/2015 3:30:00 PM	1049400.000	12.044	17.641	27.452
7798.473	9073.952	5.124	6170.288	128.230
1.003	14.734			
12/13/2015 3:35:00 PM	1049700.000	12.047	17.641	27.459
7795.313	9070.205	5.121	6167.740	128.282
1.003	14.733			
12/13/2015 3:40:00 PM	1050000.000	12.049	17.640	27.463
7797.156	9072.473	5.123	6169.281	128.252
1.003	14.731			
12/13/2015 3:45:00 PM	1050300.000	12.050	17.640	27.466
7796.821	9072.083	5.122	6169.017	128.257
1.003	14.730			
12/13/2015 3:50:00 PM	1050600.000	12.046	17.640	27.456
7795.868	9071.009	5.122	6168.286	128.273
1.003	14.732			
12/13/2015 3:55:00 PM	1050900.000	12.045	17.640	27.454
7795.633	9070.683	5.122	6168.064	128.277
1.003	14.734			

12/13/2015 4:00:00 PM	1051200.000	12.044	17.641	27.452
7795.698	9070.724	5.122	6168.093	128.276
1.003	14.737			
12/13/2015 4:05:00 PM	1051500.000	12.046	17.641	27.456
7793.816	9068.463	5.120	6166.555	128.307
1.003	14.735			
12/13/2015 4:10:00 PM	1051800.000	12.049	17.641	27.463
7794.115	9068.812	5.120	6166.792	128.302
1.003	14.733			
12/13/2015 4:15:00 PM	1052100.000	12.052	17.641	27.470
7793.463	9068.088	5.120	6166.300	128.313
1.003	14.732			
12/13/2015 4:20:00 PM	1052400.000	12.050	17.640	27.465
7792.995	9067.631	5.120	6165.989	128.320
1.003	14.734			
12/13/2015 4:25:00 PM	1052700.000	12.049	17.641	27.463
7792.427	9066.883	5.119	6165.480	128.330
1.003	14.737			
12/13/2015 4:30:00 PM	1053000.000	12.046	17.641	27.456
7796.022	9071.101	5.122	6168.349	128.271
1.003	14.740			
12/13/2015 4:35:00 PM	1053300.000	12.049	17.641	27.462
7795.619	9070.562	5.122	6167.982	128.277
1.003	14.741			
12/13/2015 4:40:00 PM	1053600.000	12.048	17.640	27.462
7794.705	9069.585	5.121	6167.318	128.292
1.003	14.742			
12/13/2015 4:45:00 PM	1053900.000	12.048	17.641	27.460
7793.957	9068.697	5.120	6166.715	128.305
1.003	14.743			
12/13/2015 4:50:00 PM	1054200.000	12.048	17.640	27.460
7797.275	9072.663	5.123	6169.412	128.250
1.003	14.744			
12/13/2015 4:55:00 PM	1054500.000	12.046	17.641	27.456
7795.150	9070.033	5.121	6167.623	128.285
1.003	14.746			
12/13/2015 5:00:00 PM	1054800.000	12.046	17.641	27.457
7795.458	9070.425	5.121	6167.890	128.280
1.003	14.747			
12/13/2015 5:05:00 PM	1055100.000	12.046	17.640	27.457
7794.440	9069.277	5.121	6167.109	128.297
1.003	14.748			
12/13/2015 5:10:00 PM	1055400.000	12.047	17.640	27.459
7796.344	9071.543	5.122	6168.650	128.265
1.003	14.749			
12/13/2015 5:15:00 PM	1055700.000	12.045	17.640	27.455
7793.025	9067.665	5.120	6166.012	128.320
1.003	14.749			
12/13/2015 5:20:00 PM	1056000.000	12.046	17.641	27.458
7794.135	9068.904	5.121	6166.855	128.302
1.003	14.748			
12/13/2015 5:25:00 PM	1056300.000	12.046	17.640	27.457
7792.846	9067.422	5.120	6165.847	128.323
1.003	14.747			
12/13/2015 5:30:00 PM	1056600.000	12.050	17.640	27.467
7793.400	9068.084	5.120	6166.297	128.314
1.003	14.746			
12/13/2015 5:35:00 PM	1056900.000	12.051	17.640	27.467

7792.352	9066.883	5.119	6165.480	128.331
1.003	14.748			
12/13/2015 5:40:00 PM	1057200.000	12.047	17.641	27.459
7790.358	9064.510	5.118	6163.867	128.364
1.003	14.750			
12/13/2015 5:45:00 PM	1057500.000	12.045	17.641	27.455
7791.355	9065.600	5.119	6164.608	128.347
1.003	14.751			
12/13/2015 5:50:00 PM	1057800.000	12.049	17.641	27.464
7790.451	9064.618	5.118	6163.941	128.362
1.003	14.750			
12/13/2015 5:55:00 PM	1058100.000	12.048	17.641	27.462
7791.069	9065.302	5.118	6164.405	128.352
1.003	14.749			
12/13/2015 6:00:00 PM	1058400.000	12.052	17.640	27.471
7788.972	9062.932	5.117	6162.793	128.387
1.003	14.747			
12/13/2015 6:05:00 PM	1058700.000	12.052	17.640	27.469
7786.615	9060.189	5.115	6160.929	128.426
1.003	14.749			
12/13/2015 6:10:00 PM	1059000.000	12.051	17.641	27.467
7784.721	9057.951	5.114	6159.407	128.457
1.003	14.751			
12/13/2015 6:15:00 PM	1059300.000	12.050	17.640	27.466
7785.753	9059.276	5.115	6160.309	128.440
1.003	14.753			
12/13/2015 6:20:00 PM	1059600.000	12.050	17.640	27.466
7786.028	9059.488	5.115	6160.452	128.435
1.003	14.754			
12/13/2015 6:25:00 PM	1059900.000	12.049	17.641	27.464
7784.716	9057.945	5.114	6159.403	128.457
1.003	14.755			
12/13/2015 6:30:00 PM	1060200.000	12.049	17.641	27.463
7786.373	9059.838	5.115	6160.690	128.430
1.003	14.756			
12/13/2015 6:35:00 PM	1060500.000	12.049	17.640	27.464
7785.255	9058.606	5.114	6159.853	128.448
1.003	14.756			
12/13/2015 6:40:00 PM	1060800.000	12.052	17.641	27.471
7784.941	9058.120	5.114	6159.522	128.453
1.003	14.755			
12/13/2015 6:45:00 PM	1061100.000	12.050	17.640	27.465
7782.687	9055.708	5.113	6157.882	128.490
1.003	14.755			
12/13/2015 6:50:00 PM	1061400.000	12.052	17.641	27.470
7782.903	9055.782	5.113	6157.932	128.487
1.003	14.754			
12/13/2015 6:55:00 PM	1061700.000	12.050	17.641	27.465
7782.356	9055.077	5.112	6157.453	128.496
1.003	14.754			
12/13/2015 7:00:00 PM	1062000.000	12.052	17.640	27.469
7783.000	9055.965	5.113	6158.056	128.485
1.003	14.754			
12/13/2015 7:05:00 PM	1062300.000	12.050	17.640	27.467
7780.388	9052.927	5.111	6155.991	128.528
1.003	14.755			
12/13/2015 7:10:00 PM	1062600.000	12.051	17.641	27.469

7781.101	9053.652	5.111	6156.484	128.517
1.003	14.755			
12/13/2015 7:15:00 PM	1062900.000	12.052	17.641	27.470
7779.005	9051.280	5.110	6154.871	128.551
1.003	14.756			
12/13/2015 7:20:00 PM	1063200.000	12.050	17.641	27.466
7779.490	9051.845	5.110	6155.255	128.543
1.003	14.757			
12/13/2015 7:25:00 PM	1063500.000	12.053	17.641	27.472
7780.894	9053.411	5.111	6156.320	128.520
1.003	14.757			
12/13/2015 7:30:00 PM	1063800.000	12.052	17.641	27.471
7780.294	9052.729	5.111	6155.856	128.530
1.003	14.758			
12/13/2015 7:35:00 PM	1064100.000	12.052	17.641	27.470
7779.758	9052.141	5.110	6155.456	128.539
1.003	14.759			
12/13/2015 7:40:00 PM	1064400.000	12.051	17.640	27.468
7779.464	9051.852	5.110	6155.260	128.544
1.003	14.760			
12/13/2015 7:45:00 PM	1064700.000	12.048	17.640	27.460
7780.647	9053.229	5.111	6156.196	128.524
1.003	14.762			
12/13/2015 7:50:00 PM	1065000.000	12.050	17.641	27.466
7780.868	9053.468	5.111	6156.358	128.520
1.003	14.760			
12/13/2015 7:55:00 PM	1065300.000	12.052	17.641	27.470
7780.447	9052.942	5.111	6156.001	128.527
1.003	14.757			
12/13/2015 8:00:00 PM	1065600.000	12.055	17.641	27.477
7780.338	9052.831	5.111	6155.926	128.529
1.003	14.755			
12/13/2015 8:05:00 PM	1065900.000	12.053	17.641	27.473
7777.649	9049.688	5.109	6153.788	128.574
1.003	14.756			
12/13/2015 8:10:00 PM	1066200.000	12.053	17.640	27.473
7778.580	9050.823	5.110	6154.561	128.558
1.003	14.757			
12/13/2015 8:15:00 PM	1066500.000	12.053	17.641	27.473
7778.207	9050.284	5.109	6154.194	128.564
1.003	14.758			
12/13/2015 8:20:00 PM	1066800.000	12.055	17.640	27.477
7780.696	9053.302	5.111	6156.245	128.523
1.003	14.757			
12/13/2015 8:25:00 PM	1067100.000	12.055	17.641	27.478
7779.959	9052.305	5.110	6155.568	128.535
1.003	14.756			
12/13/2015 8:30:00 PM	1067400.000	12.058	17.641	27.483
7781.213	9053.799	5.111	6156.584	128.515
1.003	14.755			
12/13/2015 8:35:00 PM	1067700.000	12.055	17.641	27.476
7779.479	9051.832	5.110	6155.246	128.543
1.003	14.759			
12/13/2015 8:40:00 PM	1068000.000	12.051	17.640	27.467
7779.800	9052.242	5.110	6155.525	128.538
1.003	14.764			
12/13/2015 8:45:00 PM	1068300.000	12.046	17.641	27.456
7778.799	9051.025	5.110	6154.697	128.555

1.003	14.768			
12/13/2015 8:50:00 PM	1068600.000	12.046	17.640	27.458
7779.700	9052.126	5.110	6155.446	128.540
1.003	14.768			
12/13/2015 8:55:00 PM	1068900.000	12.047	17.641	27.459
7782.991	9055.938	5.113	6158.038	128.485
1.003	14.769			
12/13/2015 9:00:00 PM	1069200.000	12.046	17.640	27.457
7781.731	9054.524	5.112	6157.077	128.506
1.003	14.769			
12/13/2015 9:05:00 PM	1069500.000	12.050	17.641	27.466
7781.009	9053.526	5.111	6156.398	128.518
1.003	14.766			
12/13/2015 9:10:00 PM	1069800.000	12.053	17.641	27.473
7781.384	9054.049	5.112	6156.753	128.512
1.003	14.763			
12/13/2015 9:15:00 PM	1070100.000	12.055	17.641	27.478
7782.793	9055.654	5.112	6157.846	128.489
1.003	14.760			
12/13/2015 9:20:00 PM	1070400.000	12.056	17.640	27.480
7780.852	9053.483	5.111	6156.369	128.521
1.003	14.760			
12/13/2015 9:25:00 PM	1070700.000	12.057	17.641	27.482
7781.478	9054.090	5.112	6156.782	128.510
1.003	14.759			
12/13/2015 9:30:00 PM	1071000.000	12.055	17.641	27.478
7781.176	9053.773	5.111	6156.566	128.515
1.003	14.759			
12/13/2015 9:35:00 PM	1071300.000	12.055	17.640	27.477
7780.802	9053.425	5.111	6156.330	128.521
1.003	14.760			
12/13/2015 9:40:00 PM	1071600.000	12.053	17.640	27.472
7783.309	9056.360	5.113	6158.326	128.480
1.003	14.762			
12/13/2015 9:45:00 PM	1071900.000	12.052	17.641	27.471
7782.479	9055.288	5.112	6157.597	128.494
1.003	14.763			
12/13/2015 9:50:00 PM	1072200.000	12.052	17.641	27.470
7781.278	9053.857	5.111	6156.624	128.514
1.003	14.763			
12/13/2015 9:55:00 PM	1072500.000	12.051	17.640	27.468
7779.112	9051.459	5.110	6154.993	128.549
1.003	14.763			
12/13/2015 10:00:00 PM	1072800.000	12.051	17.641	27.469
7780.468	9052.967	5.111	6156.018	128.527
1.003	14.763			
12/13/2015 10:05:00 PM	1073100.000	12.054	17.640	27.474
7778.182	9050.376	5.109	6154.256	128.565
1.003	14.762			
12/13/2015 10:10:00 PM	1073400.000	12.056	17.641	27.480
7780.163	9052.612	5.111	6155.776	128.532
1.003	14.760			
12/13/2015 10:15:00 PM	1073700.000	12.056	17.641	27.480
7782.505	9055.319	5.112	6157.618	128.493
1.003	14.759			
12/13/2015 10:20:00 PM	1074000.000	12.055	17.641	27.478
7779.503	9051.880	5.110	6155.279	128.543

1.003	14.759				
12/13/2015 10:25:00 PM	1074300.000	12.055	17.640	27.477	
7778.996	9051.342	5.110	6154.913	128.551	
1.003	14.760				
12/13/2015 10:30:00 PM	1074600.000	12.054	17.641	27.474	
7780.818	9053.322	5.111	6156.260	128.521	
1.003	14.760				
12/13/2015 10:35:00 PM	1074900.000	12.052	17.641	27.469	
7779.281	9051.621	5.110	6155.103	128.547	
1.003	14.759				
12/13/2015 10:40:00 PM	1075200.000	12.055	17.641	27.477	
7780.542	9053.001	5.111	6156.041	128.526	
1.003	14.758				
12/13/2015 10:45:00 PM	1075500.000	12.053	17.640	27.473	
7779.726	9052.228	5.110	6155.515	128.539	
1.003	14.757				
12/13/2015 10:50:00 PM	1075800.000	12.056	17.640	27.478	
7781.093	9053.746	5.111	6156.547	128.517	
1.003	14.758				
12/13/2015 10:55:00 PM	1076100.000	12.056	17.641	27.479	
7780.549	9053.026	5.111	6156.058	128.526	
1.003	14.758				
12/13/2015 11:00:00 PM	1076400.000	12.057	17.641	27.481	
7780.532	9053.007	5.111	6156.045	128.526	
1.003	14.759				
12/13/2015 11:05:00 PM	1076700.000	12.056	17.641	27.479	
7784.394	9057.551	5.114	6159.135	128.462	
1.003	14.759				
12/13/2015 11:10:00 PM	1077000.000	12.057	17.641	27.481	
7781.986	9054.698	5.112	6157.195	128.502	
1.003	14.759				
12/13/2015 11:15:00 PM	1077300.000	12.056	17.640	27.479	
7782.571	9055.483	5.112	6157.729	128.492	
1.003	14.759				
12/13/2015 11:20:00 PM	1077600.000	12.055	17.641	27.476	
7784.269	9057.354	5.114	6159.001	128.464	
1.003	14.760				
12/13/2015 11:25:00 PM	1077900.000	12.053	17.640	27.472	
7784.960	9058.263	5.114	6159.619	128.453	
1.003	14.761				
12/13/2015 11:30:00 PM	1078200.000	12.054	17.640	27.474	
7785.341	9058.689	5.114	6159.909	128.447	
1.003	14.762				
12/13/2015 11:35:00 PM	1078500.000	12.054	17.640	27.475	
7785.166	9058.521	5.114	6159.794	128.449	
1.003	14.762				
12/13/2015 11:40:00 PM	1078800.000	12.053	17.640	27.471	
7784.703	9058.055	5.114	6159.477	128.457	
1.003	14.761				
12/13/2015 11:45:00 PM	1079100.000	12.054	17.641	27.474	
7786.075	9059.526	5.115	6160.478	128.434	
1.003	14.761				
12/13/2015 11:50:00 PM	1079400.000	12.053	17.641	27.473	
7784.560	9057.764	5.114	6159.280	128.459	
1.003	14.761				
12/13/2015 11:55:00 PM	1079700.000	12.057	17.640	27.481	
7784.495	9057.846	5.114	6159.335	128.460	
1.003	14.761				

12/14/2015 12:00:00 AM	1080000.000		12.056	17.640	27.480
7784.660	9057.897	5.114		6159.371	128.458
1.003	14.760				
12/14/2015 12:05:00 AM	1080300.000		12.057	17.640	27.481
7787.102	9060.810	5.116		6161.351	128.417
1.003	14.760				
12/14/2015 12:10:00 AM	1080600.000		12.054	17.641	27.475
7786.955	9060.550	5.115		6161.174	128.420
1.003	14.759				
12/14/2015 12:15:00 AM	1080900.000		12.054	17.641	27.476
7786.137	9059.511	5.115		6160.468	128.433
1.003	14.759				
12/14/2015 12:20:00 AM	1081200.000		12.055	17.640	27.478
7785.578	9059.000	5.115		6160.121	128.443
1.003	14.758				
12/14/2015 12:25:00 AM	1081500.000		12.056	17.641	27.480
7784.555	9057.758	5.114		6159.275	128.460
1.003	14.757				
12/14/2015 12:30:00 AM	1081800.000		12.057	17.641	27.483
7782.900	9055.813	5.113		6157.953	128.487
1.003	14.756				
12/14/2015 12:35:00 AM	1082100.000		12.058	17.640	27.484
7785.408	9058.768	5.114		6159.962	128.445
1.003	14.754				
12/14/2015 12:40:00 AM	1082400.000		12.061	17.641	27.490
7784.009	9057.103	5.113		6158.830	128.469
1.003	14.753				
12/14/2015 12:45:00 AM	1082700.000		12.064	17.640	27.497
7784.710	9058.026	5.114		6159.458	128.457
1.003	14.751				
12/14/2015 12:50:00 AM	1083000.000		12.061	17.641	27.491
7782.094	9054.875	5.112		6157.315	128.500
1.003	14.753				
12/14/2015 12:55:00 AM	1083300.000		12.061	17.641	27.490
7785.123	9058.398	5.114		6159.711	128.450
1.003	14.756				
12/14/2015 1:00:00 AM	1083600.000		12.059	17.640	27.487
7783.608	9056.744	5.113		6158.586	128.475
1.003	14.758				
12/14/2015 1:05:00 AM	1083900.000		12.059	17.640	27.486
7784.608	9057.837	5.114		6159.330	128.459
1.003	14.758				
12/14/2015 1:10:00 AM	1084200.000		12.060	17.640	27.487
7785.227	9058.592	5.114		6159.842	128.448
1.003	14.758				
12/14/2015 1:15:00 AM	1084500.000		12.061	17.641	27.490
7786.095	9059.550	5.115		6160.494	128.434
1.003	14.758				
12/14/2015 1:20:00 AM	1084800.000		12.060	17.641	27.489
7787.090	9060.654	5.116		6161.245	128.418
1.003	14.759				
12/14/2015 1:25:00 AM	1085100.000		12.060	17.641	27.490
7786.730	9060.166	5.115		6160.914	128.424
1.003	14.760				
12/14/2015 1:30:00 AM	1085400.000		12.062	17.640	27.493
7788.886	9062.850	5.117		6162.738	128.388
1.003	14.761				

12/14/2015 1:35:00 AM	1085700.000	12.060	17.640	27.488
7787.570	9061.334	5.116	6161.708	128.410
1.003	14.761			
12/14/2015 1:40:00 AM	1086000.000	12.058	17.641	27.484
7788.953	9062.821	5.117	6162.719	128.387
1.003	14.762			
12/14/2015 1:45:00 AM	1086300.000	12.058	17.641	27.484
7787.673	9061.332	5.116	6161.707	128.408
1.003	14.762			
12/14/2015 1:50:00 AM	1086600.000	12.061	17.641	27.491
7786.866	9060.342	5.115	6161.033	128.421
1.003	14.763			
12/14/2015 1:55:00 AM	1086900.000	12.061	17.641	27.491
7787.299	9060.950	5.116	6161.447	128.414
1.003	14.763			
12/14/2015 2:00:00 AM	1087200.000	12.059	17.641	27.486
7786.971	9060.534	5.115	6161.163	128.420
1.003	14.764			
12/14/2015 2:05:00 AM	1087500.000	12.058	17.641	27.483
7784.949	9058.163	5.114	6159.551	128.453
1.003	14.767			
12/14/2015 2:10:00 AM	1087800.000	12.056	17.640	27.480
7785.620	9059.049	5.115	6160.153	128.442
1.003	14.770			
12/14/2015 2:15:00 AM	1088100.000	12.054	17.641	27.475
7781.978	9054.672	5.112	6157.177	128.502
1.003	14.774			
12/14/2015 2:20:00 AM	1088400.000	12.058	17.641	27.483
7786.524	9059.943	5.115	6160.762	128.427
1.003	14.771			
12/14/2015 2:25:00 AM	1088700.000	12.058	17.640	27.485
7784.103	9057.248	5.113	6158.929	128.467
1.003	14.768			
12/14/2015 2:30:00 AM	1089000.000	12.063	17.641	27.495
7782.998	9055.787	5.113	6157.935	128.485
1.003	14.766			
12/14/2015 2:35:00 AM	1089300.000	12.063	17.641	27.496
7784.066	9057.169	5.113	6158.875	128.468
1.003	14.766			
12/14/2015 2:40:00 AM	1089600.000	12.065	17.641	27.500
7782.849	9055.719	5.113	6157.889	128.488
1.003	14.765			
12/14/2015 2:45:00 AM	1089900.000	12.064	17.641	27.498
7781.893	9054.590	5.112	6157.121	128.503
1.003	14.765			
12/14/2015 2:50:00 AM	1090200.000	12.064	17.641	27.497
7781.139	9053.763	5.111	6156.559	128.516
1.003	14.765			
12/14/2015 2:55:00 AM	1090500.000	12.066	17.641	27.501
7780.049	9052.428	5.111	6155.651	128.534
1.003	14.764			
12/14/2015 3:00:00 AM	1090800.000	12.065	17.640	27.500
7780.547	9053.183	5.111	6156.164	128.526
1.003	14.763			
12/14/2015 3:05:00 AM	1091100.000	12.066	17.640	27.503
7780.378	9052.966	5.111	6156.017	128.528
1.003	14.762			
12/14/2015 3:10:00 AM	1091400.000	12.068	17.640	27.506

7781.355	9054.069	5.112	6156.768	128.512
1.003	14.762			
12/14/2015 3:15:00 AM	1091700.000	12.069	17.640	27.508
7778.228	9050.413	5.109	6154.281	128.564
1.003	14.761			
12/14/2015 3:20:00 AM	1092000.000	12.066	17.640	27.503
7780.069	9052.555	5.111	6155.737	128.534
1.003	14.762			
12/14/2015 3:25:00 AM	1092300.000	12.064	17.640	27.499
7779.878	9052.334	5.110	6155.588	128.537
1.003	14.763			
12/14/2015 3:30:00 AM	1092600.000	12.063	17.641	27.496
7778.575	9050.765	5.110	6154.521	128.558
1.003	14.764			
12/14/2015 3:35:00 AM	1092900.000	12.061	17.641	27.491
7779.421	9051.750	5.110	6155.190	128.544
1.003	14.765			
12/14/2015 3:40:00 AM	1093200.000	12.061	17.641	27.490
7779.876	9052.279	5.110	6155.550	128.537
1.003	14.766			
12/14/2015 3:45:00 AM	1093500.000	12.060	17.641	27.489
7778.451	9050.621	5.109	6154.423	128.560
1.003	14.767			
12/14/2015 3:50:00 AM	1093800.000	12.060	17.641	27.488
7780.813	9053.368	5.111	6156.291	128.521
1.003	14.767			
12/14/2015 3:55:00 AM	1094100.000	12.059	17.641	27.486
7777.451	9049.472	5.109	6153.641	128.577
1.003	14.768			
12/14/2015 4:00:00 AM	1094400.000	12.058	17.641	27.483
7777.490	9049.537	5.109	6153.686	128.576
1.003	14.769			
12/14/2015 4:05:00 AM	1094700.000	12.060	17.640	27.488
7780.619	9053.230	5.111	6156.197	128.524
1.003	14.768			
12/14/2015 4:10:00 AM	1095000.000	12.061	17.640	27.490
7780.359	9052.893	5.111	6155.967	128.529
1.003	14.767			
12/14/2015 4:15:00 AM	1095300.000	12.061	17.641	27.492
7780.054	9052.500	5.111	6155.701	128.534
1.003	14.766			
12/14/2015 4:20:00 AM	1095600.000	12.063	17.640	27.494
7778.113	9050.279	5.109	6154.190	128.566
1.003	14.765			
12/14/2015 4:25:00 AM	1095900.000	12.064	17.641	27.497
7781.054	9053.685	5.111	6156.505	128.517
1.003	14.765			
12/14/2015 4:30:00 AM	1096200.000	12.066	17.640	27.501
7780.225	9052.737	5.111	6155.862	128.531
1.003	14.764			
12/14/2015 4:35:00 AM	1096500.000	12.064	17.641	27.498
7777.468	9049.512	5.109	6153.668	128.577
1.003	14.765			
12/14/2015 4:40:00 AM	1096800.000	12.064	17.640	27.497
7779.276	9051.649	5.110	6155.122	128.547
1.003	14.765			
12/14/2015 4:45:00 AM	1097100.000	12.065	17.641	27.499

7779.093	9051.297	5.110	6154.882	128.550
1.003	14.765			
12/14/2015 4:50:00 AM	1097400.000	12.064	17.640	27.498
7780.114	9052.608	5.111	6155.774	128.533
1.003	14.765			
12/14/2015 4:55:00 AM	1097700.000	12.067	17.641	27.503
7779.137	9051.454	5.110	6154.989	128.549
1.003	14.764			
12/14/2015 5:00:00 AM	1098000.000	12.066	17.641	27.503
7779.734	9052.113	5.110	6155.438	128.539
1.003	14.764			
12/14/2015 5:05:00 AM	1098300.000	12.064	17.640	27.497
7779.601	9052.062	5.110	6155.402	128.541
1.003	14.766			
12/14/2015 5:10:00 AM	1098600.000	12.064	17.641	27.498
7778.458	9050.664	5.109	6154.452	128.560
1.003	14.767			
12/14/2015 5:15:00 AM	1098900.000	12.063	17.641	27.496
7779.781	9052.168	5.110	6155.474	128.538
1.003	14.769			
12/14/2015 5:20:00 AM	1099200.000	12.063	17.640	27.496
7780.347	9052.878	5.111	6155.957	128.529
1.003	14.770			
12/14/2015 5:25:00 AM	1099500.000	12.062	17.641	27.494
7778.416	9050.614	5.109	6154.418	128.561
1.003	14.771			
12/14/2015 5:30:00 AM	1099800.000	12.062	17.641	27.494
7779.351	9051.598	5.110	6155.086	128.545
1.003	14.771			
12/14/2015 5:35:00 AM	1100100.000	12.064	17.640	27.497
7782.181	9055.048	5.112	6157.433	128.499
1.003	14.771			
12/14/2015 5:40:00 AM	1100400.000	12.066	17.640	27.502
7778.972	9051.296	5.110	6154.881	128.552
1.003	14.771			
12/14/2015 5:45:00 AM	1100700.000	12.068	17.640	27.506
7779.519	9051.986	5.110	6155.351	128.543
1.003	14.771			
12/14/2015 5:50:00 AM	1101000.000	12.066	17.641	27.502
7780.011	9052.348	5.110	6155.597	128.535
1.003	14.772			
12/14/2015 5:55:00 AM	1101300.000	12.066	17.641	27.502
7781.666	9054.376	5.112	6156.976	128.507
1.003	14.774			
12/14/2015 6:00:00 AM	1101600.000	12.065	17.641	27.500
7782.262	9055.055	5.112	6157.438	128.497
1.003	14.775			
12/14/2015 6:05:00 AM	1101900.000	12.064	17.640	27.497
7781.983	9054.833	5.112	6157.287	128.502
1.003	14.775			
12/14/2015 6:10:00 AM	1102200.000	12.065	17.640	27.499
7780.068	9052.589	5.111	6155.761	128.534
1.003	14.776			
12/14/2015 6:15:00 AM	1102500.000	12.063	17.641	27.496
7781.450	9054.059	5.112	6156.760	128.511
1.003	14.776			
12/14/2015 6:20:00 AM	1102800.000	12.067	17.640	27.504
7780.921	9053.654	5.111	6156.485	128.519

1.003	14.774				
12/14/2015 6:25:00 AM	1103100.000	12.069	17.641	27.510	
7781.392	9054.042	5.112	6156.749	128.512	
1.003	14.771				
12/14/2015 6:30:00 AM	1103400.000	12.071	17.640	27.515	
7781.260	9053.958	5.111	6156.691	128.514	
1.003	14.769				
12/14/2015 6:35:00 AM	1103700.000	12.069	17.641	27.509	
7781.831	9054.589	5.112	6157.121	128.504	
1.003	14.772				
12/14/2015 6:40:00 AM	1104000.000	12.068	17.640	27.506	
7780.116	9052.646	5.111	6155.799	128.533	
1.003	14.774				
12/14/2015 6:45:00 AM	1104300.000	12.066	17.641	27.502	
7780.916	9053.349	5.111	6156.278	128.520	
1.003	14.776				
12/14/2015 6:50:00 AM	1104600.000	12.068	17.641	27.506	
7780.544	9053.037	5.111	6156.066	128.526	
1.003	14.777				
12/14/2015 6:55:00 AM	1104900.000	12.066	17.640	27.501	
7782.624	9055.545	5.112	6157.771	128.491	
1.003	14.779				
12/14/2015 7:00:00 AM	1105200.000	12.064	17.640	27.499	
7780.586	9053.174	5.111	6156.158	128.525	
1.003	14.780				
12/14/2015 7:05:00 AM	1105500.000	12.066	17.641	27.501	
7779.792	9052.076	5.110	6155.412	128.538	
1.003	14.780				
12/14/2015 7:10:00 AM	1105800.000	12.064	17.641	27.498	
7782.208	9054.921	5.112	6157.346	128.498	
1.003	14.780				
12/14/2015 7:15:00 AM	1106100.000	12.066	17.641	27.502	
7781.303	9053.954	5.111	6156.689	128.513	
1.003	14.781				
12/14/2015 7:20:00 AM	1106400.000	12.067	17.640	27.505	
7783.318	9056.371	5.113	6158.333	128.480	
1.003	14.781				
12/14/2015 7:25:00 AM	1106700.000	12.067	17.641	27.505	
7782.479	9055.322	5.112	6157.620	128.494	
1.003	14.781				
12/14/2015 7:30:00 AM	1107000.000	12.067	17.641	27.504	
7780.971	9053.465	5.111	6156.356	128.519	
1.003	14.781				
12/14/2015 7:35:00 AM	1107300.000	12.069	17.641	27.510	
7781.035	9053.662	5.111	6156.490	128.518	
1.003	14.780				
12/14/2015 7:40:00 AM	1107600.000	12.070	17.641	27.511	
7782.262	9054.984	5.112	6157.390	128.497	
1.003	14.779				
12/14/2015 7:45:00 AM	1107900.000	12.072	17.641	27.515	
7781.049	9053.679	5.111	6156.502	128.517	
1.003	14.778				
12/14/2015 7:50:00 AM	1108200.000	12.070	17.640	27.511	
7780.825	9053.435	5.111	6156.336	128.521	
1.003	14.780				
12/14/2015 7:55:00 AM	1108500.000	12.068	17.641	27.506	
7783.288	9056.283	5.113	6158.273	128.480	

1.003	14.781				
12/14/2015 8:00:00 AM	1108800.000	12.067	17.641	27.504	
7782.233	9055.057	5.112	6157.439	128.498	
1.003	14.783				
12/14/2015 8:05:00 AM	1109100.000	12.066	17.641	27.501	
7781.729	9054.398	5.112	6156.992	128.506	
1.003	14.783				
12/14/2015 8:10:00 AM	1109400.000	12.068	17.641	27.507	
7781.916	9054.600	5.112	6157.128	128.503	
1.003	14.783				
12/14/2015 8:15:00 AM	1109700.000	12.067	17.640	27.504	
7780.285	9052.842	5.111	6155.933	128.530	
1.003	14.783				
12/14/2015 8:20:00 AM	1110000.000	12.069	17.640	27.509	
7782.989	9055.987	5.113	6158.071	128.485	
1.003	14.783				
12/14/2015 8:25:00 AM	1110300.000	12.070	17.640	27.511	
7782.609	9055.562	5.112	6157.782	128.492	
1.003	14.783				
12/14/2015 8:30:00 AM	1110600.000	12.071	17.641	27.513	
7780.812	9053.315	5.111	6156.255	128.521	
1.003	14.783				
12/14/2015 8:35:00 AM	1110900.000	12.066	17.641	27.503	
7782.682	9055.559	5.112	6157.780	128.490	
1.003	14.785				
12/14/2015 8:40:00 AM	1111200.000	12.066	17.641	27.502	
7783.141	9056.059	5.113	6158.121	128.483	
1.003	14.787				
12/14/2015 8:45:00 AM	1111500.000	12.066	17.640	27.502	
7784.105	9057.322	5.114	6158.979	128.467	
1.003	14.789				
12/14/2015 8:50:00 AM	1111800.000	12.069	17.640	27.509	
7779.048	9051.402	5.110	6154.954	128.550	
1.003	14.788				
12/14/2015 8:55:00 AM	1112100.000	12.069	17.641	27.508	
7783.620	9056.600	5.113	6158.488	128.475	
1.003	14.787				
12/14/2015 9:00:00 AM	1112400.000	12.071	17.640	27.514	
7783.880	9057.112	5.113	6158.837	128.471	
1.003	14.786				
12/14/2015 9:05:00 AM	1112700.000	12.068	17.640	27.506	
7781.362	9054.167	5.112	6156.833	128.512	
1.003	14.789				
12/14/2015 9:10:00 AM	1113000.000	12.066	17.641	27.502	
7782.410	9055.262	5.112	6157.579	128.495	
1.003	14.792				
12/14/2015 9:15:00 AM	1113300.000	12.064	17.641	27.497	
7782.809	9055.726	5.113	6157.894	128.488	
1.003	14.795				
12/14/2015 9:20:00 AM	1113600.000	12.066	17.641	27.501	
7782.232	9055.056	5.112	6157.438	128.498	
1.003	14.795				
12/14/2015 9:25:00 AM	1113900.000	12.068	17.640	27.506	
7784.079	9057.222	5.113	6158.911	128.467	
1.003	14.794				
12/14/2015 9:30:00 AM	1114200.000	12.069	17.641	27.509	
7783.128	9056.078	5.113	6158.133	128.483	
1.003	14.793				

12/14/2015 9:35:00 AM	1114500.000		12.069	17.641	27.509
7782.623	9055.510	5.112		6157.747	128.491
1.003	14.796				
12/14/2015 9:40:00 AM	1114800.000		12.068	17.641	27.508
7782.624	9055.511	5.112		6157.748	128.491
1.003	14.798				
12/14/2015 9:45:00 AM	1115100.000		12.070	17.641	27.511
7782.076	9054.714	5.112		6157.206	128.500
1.003	14.801				
12/14/2015 9:50:00 AM	1115400.000		12.066	17.640	27.503
7781.323	9054.064	5.112		6156.764	128.513
1.003	14.800				
12/14/2015 9:55:00 AM	1115700.000		12.065	17.640	27.500
7782.629	9055.551	5.112		6157.775	128.491
1.003	14.800				
12/14/2015 10:00:00 AM	1116000.000		12.065	17.641	27.499
7781.718	9054.352	5.112		6156.959	128.506
1.003	14.799				
12/14/2015 10:05:00 AM	1116300.000		12.070	17.641	27.511
7778.534	9050.699	5.109		6154.476	128.559
1.003	14.797				
12/14/2015 10:10:00 AM	1116600.000		12.071	17.641	27.514
7780.417	9052.943	5.111		6156.001	128.528
1.003	14.795				
12/14/2015 10:15:00 AM	1116900.000		12.073	17.641	27.517
7779.048	9051.315	5.110		6154.895	128.550
1.003	14.793				
12/14/2015 10:20:00 AM	1117200.000		12.072	17.641	27.516
7779.117	9051.410	5.110		6154.959	128.549
1.003	14.795				
12/14/2015 10:25:00 AM	1117500.000		12.071	17.640	27.513
7779.824	9052.357	5.110		6155.604	128.538
1.003	14.797				
12/14/2015 10:30:00 AM	1117800.000		12.067	17.640	27.505
7780.333	9052.897	5.111		6155.971	128.529
1.003	14.798				
12/14/2015 10:35:00 AM	1118100.000		12.067	17.641	27.505
7781.583	9054.125	5.112		6156.806	128.509
1.003	14.799				
12/14/2015 10:40:00 AM	1118400.000		12.066	17.641	27.503
7780.041	9052.399	5.111		6155.632	128.534
1.003	14.800				
12/14/2015 10:45:00 AM	1118700.000		12.066	17.640	27.503
7780.167	9052.705	5.111		6155.839	128.532
1.003	14.800				
12/14/2015 10:50:00 AM	1119000.000		12.067	17.641	27.504
7780.756	9053.268	5.111		6156.222	128.522
1.003	14.798				
12/14/2015 10:55:00 AM	1119300.000		12.070	17.640	27.512
7780.828	9053.509	5.111		6156.386	128.521
1.003	14.795				
12/14/2015 11:00:00 AM	1119600.000		12.072	17.641	27.515
7780.452	9052.913	5.111		6155.981	128.527
1.003	14.793				
12/14/2015 11:05:00 AM	1119900.000		12.072	17.640	27.517
7778.438	9050.658	5.109		6154.448	128.561
1.003	14.792				

12/14/2015 11:10:00 AM	1120200.000		12.073	17.640	27.517
7779.077	9051.436	5.110		6154.977	128.550
1.003	14.791				
12/14/2015 11:15:00 AM	1120500.000		12.073	17.641	27.517
7778.136	9050.270	5.109		6154.184	128.566
1.003	14.791				
12/14/2015 11:20:00 AM	1120800.000		12.071	17.640	27.513
7779.137	9051.471	5.110		6155.000	128.549
1.003	14.792				
12/14/2015 11:25:00 AM	1121100.000		12.069	17.641	27.510
7779.060	9051.344	5.110		6154.914	128.550
1.003	14.793				
12/14/2015 11:30:00 AM	1121400.000		12.069	17.640	27.508
7778.574	9050.816	5.110		6154.555	128.558
1.003	14.794				
12/14/2015 11:35:00 AM	1121700.000		12.071	17.640	27.513
7779.172	9051.512	5.110		6155.028	128.548
1.003	14.792				
12/14/2015 11:40:00 AM	1122000.000		12.070	17.641	27.511
7778.995	9051.289	5.110		6154.877	128.551
1.003	14.791				
12/14/2015 11:45:00 AM	1122300.000		12.071	17.640	27.514
7776.524	9048.431	5.108		6152.934	128.592
1.003	14.790				
12/14/2015 11:50:00 AM	1122600.000		12.070	17.641	27.512
7777.220	9049.084	5.109		6153.377	128.581
1.003	14.788				
12/14/2015 11:55:00 AM	1122900.000		12.070	17.640	27.512
7779.667	9052.122	5.110		6155.443	128.540
1.003	14.786				
12/14/2015 12:00:00 PM	1123200.000		12.073	17.641	27.518
7778.277	9050.453	5.109		6154.308	128.563
1.003	14.785				
12/14/2015 12:05:00 PM	1123500.000		12.071	17.641	27.514
7777.575	9049.566	5.109		6153.706	128.575
1.003	14.785				
12/14/2015 12:10:00 PM	1123800.000		12.069	17.641	27.510
7775.596	9047.334	5.107		6152.188	128.607
1.003	14.785				
12/14/2015 12:15:00 PM	1124100.000		12.067	17.640	27.505
7778.665	9051.028	5.110		6154.699	128.557
1.003	14.786				
12/14/2015 12:20:00 PM	1124400.000		12.069	17.640	27.509
7776.228	9048.137	5.108		6152.733	128.597
1.003	14.783				
12/14/2015 12:25:00 PM	1124700.000		12.069	17.641	27.510
7777.254	9049.228	5.109		6153.475	128.580
1.003	14.781				
12/14/2015 12:30:00 PM	1125000.000		12.073	17.640	27.519
7774.304	9045.935	5.107		6151.235	128.629
1.003	14.779				
12/14/2015 12:35:00 PM	1125300.000		12.074	17.641	27.519
7774.836	9046.380	5.107		6151.539	128.620
1.003	14.778				
12/14/2015 12:40:00 PM	1125600.000		12.074	17.641	27.521
7777.124	9049.024	5.108		6153.336	128.582
1.003	14.777				
12/14/2015 12:45:00 PM	1125900.000		12.076	17.640	27.524

7775.607	9047.414	5.108	6152.242	128.607
1.003	14.776			
12/14/2015 12:50:00 PM	1126200.000	12.076	17.640	27.525
7777.215	9049.270	5.109	6153.504	128.581
1.003	14.776			
12/14/2015 12:55:00 PM	1126500.000	12.076	17.641	27.525
7777.164	9049.138	5.109	6153.414	128.582
1.003	14.775			
12/14/2015 1:00:00 PM	1126800.000	12.076	17.641	27.526
7778.855	9051.091	5.110	6154.742	128.554
1.003	14.774			
12/14/2015 1:05:00 PM	1127100.000	12.074	17.641	27.521
7778.745	9050.928	5.110	6154.631	128.555
1.003	14.776			
12/14/2015 1:10:00 PM	1127400.000	12.071	17.641	27.513
7778.923	9051.152	5.110	6154.784	128.552
1.003	14.779			
12/14/2015 1:15:00 PM	1127700.000	12.071	17.641	27.513
7779.435	9051.694	5.110	6155.153	128.544
1.003	14.782			
12/14/2015 1:20:00 PM	1128000.000	12.068	17.640	27.506
7781.187	9053.943	5.111	6156.682	128.515
1.003	14.783			
12/14/2015 1:25:00 PM	1128300.000	12.068	17.641	27.506
7781.681	9054.344	5.112	6156.954	128.507
1.003	14.784			
12/14/2015 1:30:00 PM	1128600.000	12.065	17.640	27.501
7779.269	9051.712	5.110	6155.164	128.547
1.003	14.786			
12/14/2015 1:35:00 PM	1128900.000	12.067	17.640	27.505
7781.400	9054.176	5.112	6156.840	128.512
1.003	14.783			
12/14/2015 1:40:00 PM	1129200.000	12.070	17.641	27.512
7779.486	9051.859	5.110	6155.265	128.543
1.003	14.780			
12/14/2015 1:45:00 PM	1129500.000	12.074	17.641	27.519
7784.218	9057.366	5.114	6159.009	128.465
1.003	14.777			
12/14/2015 1:50:00 PM	1129800.000	12.074	17.641	27.521
7784.371	9057.490	5.114	6159.093	128.463
1.003	14.777			
12/14/2015 1:55:00 PM	1130100.000	12.077	17.641	27.528
7784.610	9057.735	5.114	6159.261	128.459
1.003	14.777			
12/14/2015 2:00:00 PM	1130400.000	12.077	17.640	27.528
7784.946	9058.265	5.114	6159.620	128.453
1.003	14.776			
12/14/2015 2:05:00 PM	1130700.000	12.077	17.641	27.526
7786.990	9060.571	5.115	6161.188	128.419
1.003	14.778			
12/14/2015 2:10:00 PM	1131000.000	12.073	17.641	27.518
7788.238	9061.990	5.116	6162.154	128.399
1.003	14.780			
12/14/2015 2:15:00 PM	1131300.000	12.072	17.641	27.516
7788.379	9062.048	5.116	6162.193	128.396
1.003	14.782			
12/14/2015 2:20:00 PM	1131600.000	12.074	17.641	27.521

7788.765	9062.533	5.117	6162.523	128.390
1.003	14.780			
12/14/2015 2:25:00 PM	1131900.000	12.077	17.641	27.527
7789.883	9063.870	5.117	6163.432	128.372
1.003	14.778			
12/14/2015 2:30:00 PM	1132200.000	12.078	17.641	27.529
7787.967	9061.692	5.116	6161.951	128.403
1.003	14.777			
12/14/2015 2:35:00 PM	1132500.000	12.074	17.641	27.519
7787.826	9061.493	5.116	6161.815	128.406
1.003	14.780			
12/14/2015 2:40:00 PM	1132800.000	12.070	17.641	27.512
7787.304	9060.869	5.116	6161.391	128.414
1.003	14.783			
12/14/2015 2:45:00 PM	1133100.000	12.068	17.640	27.506
7786.395	9059.916	5.115	6160.743	128.429
1.003	14.786			
12/14/2015 2:50:00 PM	1133400.000	12.072	17.641	27.515
7784.015	9057.094	5.113	6158.824	128.468
1.003	14.785			
12/14/2015 2:55:00 PM	1133700.000	12.073	17.640	27.518
7785.603	9059.012	5.115	6160.128	128.442
1.003	14.783			
12/14/2015 3:00:00 PM	1134000.000	12.074	17.641	27.521
7785.490	9058.759	5.114	6159.957	128.444
1.003	14.782			
12/14/2015 3:05:00 PM	1134300.000	12.074	17.641	27.521
7784.793	9057.913	5.114	6159.381	128.456
1.003	14.782			
12/14/2015 3:10:00 PM	1134600.000	12.072	17.641	27.516
7784.420	9057.548	5.114	6159.133	128.462
1.003	14.782			
12/14/2015 3:15:00 PM	1134900.000	12.072	17.641	27.515
7782.805	9055.600	5.112	6157.808	128.488
1.003	14.782			
12/14/2015 3:20:00 PM	1135200.000	12.073	17.641	27.519
7783.778	9056.801	5.113	6158.625	128.472
1.003	14.780			
12/14/2015 3:25:00 PM	1135500.000	12.075	17.641	27.522
7782.542	9055.310	5.112	6157.610	128.493
1.003	14.779			
12/14/2015 3:30:00 PM	1135800.000	12.078	17.640	27.529
7780.830	9053.458	5.111	6156.352	128.521
1.003	14.777			
12/14/2015 3:35:00 PM	1136100.000	12.076	17.641	27.526
7782.729	9055.579	5.112	6157.794	128.490
1.003	14.778			
12/14/2015 3:40:00 PM	1136400.000	12.076	17.641	27.525
7783.426	9056.392	5.113	6158.347	128.478
1.003	14.778			
12/14/2015 3:45:00 PM	1136700.000	12.074	17.641	27.521
7781.353	9054.013	5.112	6156.729	128.512
1.003	14.778			
12/14/2015 3:50:00 PM	1137000.000	12.077	17.640	27.526
7783.574	9056.650	5.113	6158.522	128.476
1.003	14.778			
12/14/2015 3:55:00 PM	1137300.000	12.076	17.641	27.524
7781.366	9054.012	5.112	6156.728	128.512

1.003	14.777			
12/14/2015 4:00:00 PM	1137600.000	12.077	17.641	27.528
7781.589	9054.185	5.112	6156.846	128.508
1.003	14.777			
12/14/2015 4:05:00 PM	1137900.000	12.076	17.641	27.526
7781.813	9054.479	5.112	6157.046	128.505
1.003	14.778			
12/14/2015 4:10:00 PM	1138200.000	12.078	17.641	27.529
7781.353	9054.013	5.112	6156.729	128.512
1.003	14.779			
12/14/2015 4:15:00 PM	1138500.000	12.077	17.641	27.527
7780.728	9053.252	5.111	6156.212	128.523
1.003	14.780			
12/14/2015 4:20:00 PM	1138800.000	12.076	17.640	27.525
7779.548	9051.949	5.110	6155.326	128.542
1.003	14.782			
12/14/2015 4:25:00 PM	1139100.000	12.075	17.641	27.524
7779.626	9051.917	5.110	6155.304	128.541
1.003	14.784			
12/14/2015 4:30:00 PM	1139400.000	12.075	17.641	27.522
7777.929	9050.049	5.109	6154.034	128.569
1.003	14.786			
12/14/2015 4:35:00 PM	1139700.000	12.073	17.640	27.518
7780.490	9053.097	5.111	6156.106	128.527
1.003	14.787			
12/14/2015 4:40:00 PM	1140000.000	12.073	17.640	27.518
7779.694	9052.119	5.110	6155.441	128.540
1.003	14.788			
12/14/2015 4:45:00 PM	1140300.000	12.072	17.641	27.515
7777.445	9049.380	5.109	6153.579	128.577
1.003	14.789			
12/14/2015 4:50:00 PM	1140600.000	12.075	17.641	27.523
7778.753	9050.937	5.110	6154.637	128.555
1.003	14.785			
12/14/2015 4:55:00 PM	1140900.000	12.078	17.640	27.530
7777.958	9050.116	5.109	6154.080	128.568
1.003	14.782			
12/14/2015 5:00:00 PM	1141200.000	12.081	17.641	27.535
7774.062	9045.495	5.106	6150.937	128.633
1.003	14.778			
12/14/2015 5:05:00 PM	1141500.000	12.078	17.641	27.531
7775.316	9047.008	5.107	6151.966	128.612
1.003	14.780			
12/14/2015 5:10:00 PM	1141800.000	12.076	17.640	27.526
7774.982	9046.707	5.107	6151.761	128.618
1.003	14.782			
12/14/2015 5:15:00 PM	1142100.000	12.075	17.640	27.522
7772.384	9043.664	5.105	6149.691	128.661
1.003	14.784			
12/14/2015 5:20:00 PM	1142400.000	12.072	17.641	27.517
7773.473	9044.758	5.106	6150.436	128.643
1.003	14.786			
12/14/2015 5:25:00 PM	1142700.000	12.071	17.640	27.515
7772.741	9044.080	5.105	6149.975	128.655
1.003	14.788			
12/14/2015 5:30:00 PM	1143000.000	12.070	17.640	27.512
7772.339	9043.562	5.105	6149.623	128.661

1.003	14.790				
12/14/2015 5:35:00 PM	1143300.000	12.073	17.641	27.518	
7770.200	9041.055	5.104	6147.918	128.697	
1.003	14.788				
12/14/2015 5:40:00 PM	1143600.000	12.077	17.640	27.527	
7769.418	9040.179	5.103	6147.322	128.710	
1.003	14.785				
12/14/2015 5:45:00 PM	1143900.000	12.078	17.641	27.530	
7769.711	9040.466	5.103	6147.517	128.705	
1.003	14.783				
12/14/2015 5:50:00 PM	1144200.000	12.080	17.641	27.534	
7770.872	9041.731	5.104	6148.378	128.686	
1.003	14.781				
12/14/2015 5:55:00 PM	1144500.000	12.083	17.641	27.540	
7769.224	9039.919	5.103	6147.146	128.713	
1.003	14.779				
12/14/2015 6:00:00 PM	1144800.000	12.086	17.641	27.548	
7767.578	9037.951	5.102	6145.807	128.740	
1.003	14.777				
12/14/2015 6:05:00 PM	1145100.000	12.082	17.640	27.538	
7767.202	9037.583	5.102	6145.557	128.746	
1.003	14.781				
12/14/2015 6:10:00 PM	1145400.000	12.080	17.640	27.534	
7767.201	9037.669	5.102	6145.615	128.747	
1.003	14.785				
12/14/2015 6:15:00 PM	1145700.000	12.077	17.641	27.528	
7767.764	9038.150	5.102	6145.943	128.737	
1.003	14.788				
12/14/2015 6:20:00 PM	1146000.000	12.077	17.640	27.527	
7768.816	9039.462	5.103	6146.834	128.720	
1.003	14.788				
12/14/2015 6:25:00 PM	1146300.000	12.078	17.641	27.530	
7766.543	9036.765	5.101	6145.000	128.757	
1.003	14.788				
12/14/2015 6:30:00 PM	1146600.000	12.078	17.640	27.531	
7767.317	9037.718	5.102	6145.648	128.745	
1.003	14.788				
12/14/2015 6:35:00 PM	1146900.000	12.079	17.641	27.531	
7765.314	9035.316	5.100	6144.015	128.778	
1.003	14.787				
12/14/2015 6:40:00 PM	1147200.000	12.080	17.640	27.534	
7766.238	9036.463	5.101	6144.795	128.762	
1.003	14.787				
12/14/2015 6:45:00 PM	1147500.000	12.081	17.640	27.536	
7768.359	9038.947	5.102	6146.485	128.727	
1.003	14.786				
12/14/2015 6:50:00 PM	1147800.000	12.082	17.641	27.538	
7766.585	9036.850	5.101	6145.058	128.757	
1.003	14.786				
12/14/2015 6:55:00 PM	1148100.000	12.082	17.641	27.538	
7768.403	9038.894	5.102	6146.448	128.727	
1.003	14.785				
12/14/2015 7:00:00 PM	1148400.000	12.083	17.641	27.541	
7767.038	9037.306	5.101	6145.368	128.749	
1.003	14.784				
12/14/2015 7:05:00 PM	1148700.000	12.081	17.641	27.536	
7767.216	9037.496	5.102	6145.498	128.746	
1.003	14.788				

12/14/2015 7:10:00 PM	1149000.000	12.076	17.640	27.524
7766.616	9036.973	5.101	6145.142	128.756
1.003	14.791			
12/14/2015 7:15:00 PM	1149300.000	12.075	17.640	27.523
7765.938	9036.148	5.101	6144.582	128.767
1.003	14.795			
12/14/2015 7:20:00 PM	1149600.000	12.075	17.641	27.523
7767.261	9037.549	5.102	6145.534	128.746
1.003	14.794			
12/14/2015 7:25:00 PM	1149900.000	12.078	17.640	27.530
7768.040	9038.559	5.102	6146.220	128.733
1.003	14.793			
12/14/2015 7:30:00 PM	1150200.000	12.079	17.640	27.531
7768.322	9038.904	5.102	6146.455	128.728
1.003	14.792			
12/14/2015 7:35:00 PM	1150500.000	12.078	17.640	27.529
7765.422	9035.529	5.100	6144.160	128.776
1.003	14.793			
12/14/2015 7:40:00 PM	1150800.000	12.076	17.641	27.525
7766.560	9036.732	5.101	6144.979	128.757
1.003	14.794			
12/14/2015 7:45:00 PM	1151100.000	12.077	17.640	27.526
7765.424	9035.603	5.100	6144.210	128.776
1.003	14.795			
12/14/2015 7:50:00 PM	1151400.000	12.078	17.640	27.529
7766.696	9037.066	5.101	6145.206	128.755
1.003	14.792			
12/14/2015 7:55:00 PM	1151700.000	12.080	17.641	27.534
7766.298	9036.462	5.101	6144.794	128.761
1.003	14.790			
12/14/2015 8:00:00 PM	1152000.000	12.081	17.641	27.537
7767.085	9037.432	5.101	6145.454	128.748
1.003	14.788			
12/14/2015 8:05:00 PM	1152300.000	12.082	17.641	27.538
7766.039	9036.213	5.101	6144.625	128.766
1.003	14.789			
12/14/2015 8:10:00 PM	1152600.000	12.078	17.641	27.529
7767.868	9038.220	5.102	6145.989	128.735
1.003	14.790			
12/14/2015 8:15:00 PM	1152900.000	12.078	17.640	27.531
7768.380	9039.042	5.102	6146.549	128.727
1.003	14.791			
12/14/2015 8:20:00 PM	1153200.000	12.077	17.641	27.528
7767.537	9037.887	5.102	6145.763	128.741
1.003	14.791			
12/14/2015 8:25:00 PM	1153500.000	12.079	17.641	27.531
7767.387	9037.747	5.102	6145.668	128.743
1.003	14.790			
12/14/2015 8:30:00 PM	1153800.000	12.080	17.640	27.534
7765.967	9036.146	5.101	6144.580	128.767
1.003	14.790			
12/14/2015 8:35:00 PM	1154100.000	12.079	17.640	27.533
7764.885	9034.958	5.100	6143.771	128.785
1.003	14.791			
12/14/2015 8:40:00 PM	1154400.000	12.076	17.641	27.525
7768.637	9039.184	5.103	6146.646	128.723
1.003	14.791			

12/14/2015 8:45:00 PM	1154700.000	12.074	17.640	27.520
7767.686	9038.182	5.102	6145.964	128.738
1.003	14.792			
12/14/2015 8:50:00 PM	1155000.000	12.076	17.641	27.525
7766.989	9037.283	5.101	6145.353	128.750
1.003	14.791			
12/14/2015 8:55:00 PM	1155300.000	12.076	17.640	27.525
7767.933	9038.470	5.102	6146.160	128.734
1.003	14.789			
12/14/2015 9:00:00 PM	1155600.000	12.077	17.641	27.527
7767.480	9037.855	5.102	6145.742	128.742
1.003	14.788			
12/14/2015 9:05:00 PM	1155900.000	12.079	17.640	27.531
7768.199	9038.814	5.102	6146.394	128.730
1.003	14.786			
12/14/2015 9:10:00 PM	1156200.000	12.081	17.641	27.537
7767.167	9037.404	5.101	6145.436	128.747
1.003	14.784			
12/14/2015 9:15:00 PM	1156500.000	12.081	17.640	27.536
7771.199	9042.252	5.104	6148.732	128.680
1.003	14.783			
12/14/2015 9:20:00 PM	1156800.000	12.080	17.640	27.535
7767.592	9038.055	5.102	6145.878	128.740
1.003	14.783			
12/14/2015 9:25:00 PM	1157100.000	12.080	17.641	27.535
7768.161	9038.647	5.102	6146.281	128.731
1.003	14.783			
12/14/2015 9:30:00 PM	1157400.000	12.079	17.640	27.531
7769.617	9040.394	5.103	6147.468	128.706
1.003	14.783			
12/14/2015 9:35:00 PM	1157700.000	12.080	17.641	27.535
7766.678	9036.938	5.101	6145.118	128.755
1.003	14.783			
12/14/2015 9:40:00 PM	1158000.000	12.080	17.640	27.534
7768.479	9039.087	5.102	6146.579	128.725
1.003	14.783			
12/14/2015 9:45:00 PM	1158300.000	12.081	17.641	27.535
7768.221	9038.699	5.102	6146.315	128.730
1.003	14.783			
12/14/2015 9:50:00 PM	1158600.000	12.080	17.640	27.534
7768.703	9039.381	5.103	6146.779	128.722
1.003	14.783			
12/14/2015 9:55:00 PM	1158900.000	12.081	17.641	27.536
7770.142	9040.828	5.104	6147.763	128.698
1.003	14.784			
12/14/2015 10:00:00 PM	1159200.000	12.081	17.641	27.535
7768.575	9039.095	5.102	6146.585	128.724
1.003	14.784			
12/14/2015 10:05:00 PM	1159500.000	12.081	17.640	27.536
7770.109	9040.983	5.104	6147.869	128.698
1.003	14.784			
12/14/2015 10:10:00 PM	1159800.000	12.079	17.641	27.533
7769.555	9040.285	5.103	6147.394	128.708
1.003	14.784			
12/14/2015 10:15:00 PM	1160100.000	12.084	17.641	27.543
7768.135	9038.633	5.102	6146.271	128.731
1.003	14.784			
12/14/2015 10:20:00 PM	1160400.000	12.080	17.640	27.534

7768.635	9039.302	5.103	6146.725	128.723
1.003	14.783			
12/14/2015 10:25:00 PM	1160700.000	12.081	17.640	27.535
7768.941	9039.658	5.103	6146.968	128.718
1.003	14.781			
12/14/2015 10:30:00 PM	1161000.000	12.081	17.640	27.537
7770.044	9040.908	5.104	6147.818	128.699
1.003	14.780			
12/14/2015 10:35:00 PM	1161300.000	12.082	17.640	27.538
7767.953	9038.508	5.102	6146.186	128.734
1.003	14.780			
12/14/2015 10:40:00 PM	1161600.000	12.082	17.640	27.539
7765.349	9035.479	5.100	6144.126	128.777
1.003	14.781			
12/14/2015 10:45:00 PM	1161900.000	12.082	17.640	27.539
7767.486	9037.966	5.102	6145.817	128.742
1.003	14.781			
12/14/2015 10:50:00 PM	1162200.000	12.083	17.640	27.541
7766.852	9037.283	5.101	6145.353	128.752
1.003	14.781			
12/14/2015 10:55:00 PM	1162500.000	12.083	17.640	27.540
7766.219	9036.490	5.101	6144.813	128.763
1.003	14.781			
12/14/2015 11:00:00 PM	1162800.000	12.083	17.640	27.540
7766.041	9036.232	5.101	6144.639	128.766
1.003	14.781			
12/14/2015 11:05:00 PM	1163100.000	12.083	17.641	27.540
7764.885	9034.871	5.100	6143.712	128.785
1.003	14.782			
12/14/2015 11:10:00 PM	1163400.000	12.080	17.641	27.534
7765.812	9035.914	5.101	6144.421	128.770
1.003	14.784			
12/14/2015 11:15:00 PM	1163700.000	12.078	17.641	27.530
7763.880	9033.632	5.099	6142.870	128.802
1.003	14.785			
12/14/2015 11:20:00 PM	1164000.000	12.082	17.641	27.538
7761.180	9030.539	5.097	6140.767	128.846
1.003	14.782			
12/14/2015 11:25:00 PM	1164300.000	12.083	17.640	27.540
7761.323	9030.866	5.097	6140.990	128.844
1.003	14.780			
12/14/2015 11:30:00 PM	1164600.000	12.086	17.641	27.547
7761.822	9031.185	5.098	6141.206	128.836
1.003	14.777			
12/14/2015 11:35:00 PM	1164900.000	12.084	17.640	27.543
7761.044	9030.454	5.097	6140.709	128.849
1.003	14.778			
12/14/2015 11:40:00 PM	1165200.000	12.085	17.640	27.545
7761.839	9031.395	5.098	6141.348	128.835
1.003	14.779			
12/14/2015 11:45:00 PM	1165500.000	12.083	17.640	27.541
7759.397	9028.520	5.096	6139.394	128.876
1.003	14.780			
12/14/2015 11:50:00 PM	1165800.000	12.084	17.641	27.544
7759.225	9028.232	5.096	6139.198	128.879
1.003	14.779			
12/14/2015 11:55:00 PM	1166100.000	12.085	17.641	27.546

7758.606	9027.479	5.095	6138.686	128.889
1.003	14.777			
12/15/2015 12:00:00 AM	1166400.000	12.085	17.641	27.545
7760.887	9030.166	5.097	6140.513	128.851
1.003	14.776			
12/15/2015 12:05:00 AM	1166700.000	12.087	17.640	27.550
7758.338	9027.378	5.095	6138.618	128.894
1.003	14.775			
12/15/2015 12:10:00 AM	1167000.000	12.087	17.641	27.550
7758.834	9027.743	5.096	6138.865	128.885
1.003	14.774			
12/15/2015 12:15:00 AM	1167300.000	12.088	17.641	27.553
7757.742	9026.506	5.095	6138.024	128.903
1.003	14.773			
12/15/2015 12:20:00 AM	1167600.000	12.086	17.641	27.547
7756.722	9025.372	5.094	6137.253	128.920
1.003	14.774			
12/15/2015 12:25:00 AM	1167900.000	12.084	17.640	27.543
7760.383	9029.756	5.097	6140.234	128.860
1.003	14.776			
12/15/2015 12:30:00 AM	1168200.000	12.082	17.640	27.538
7757.766	9026.745	5.095	6138.187	128.903
1.003	14.777			
12/15/2015 12:35:00 AM	1168500.000	12.084	17.641	27.543
7757.451	9026.186	5.095	6137.807	128.908
1.003	14.776			
12/15/2015 12:40:00 AM	1168800.000	12.083	17.641	27.541
7757.345	9026.098	5.095	6137.747	128.910
1.003	14.774			
12/15/2015 12:45:00 AM	1169100.000	12.086	17.641	27.548
7759.919	9029.072	5.096	6139.770	128.867
1.003	14.773			
12/15/2015 12:50:00 AM	1169400.000	12.085	17.641	27.546
7759.199	9028.201	5.096	6139.177	128.879
1.003	14.773			
12/15/2015 12:55:00 AM	1169700.000	12.084	17.641	27.544
7758.701	9027.517	5.095	6138.712	128.888
1.003	14.774			
12/15/2015 1:00:00 AM	1170000.000	12.085	17.641	27.545
7758.932	9027.909	5.096	6138.979	128.884
1.003	14.775			
12/15/2015 1:05:00 AM	1170300.000	12.084	17.640	27.543
7757.095	9025.946	5.094	6137.644	128.914
1.003	14.774			
12/15/2015 1:10:00 AM	1170600.000	12.084	17.641	27.543
7757.667	9026.385	5.095	6137.942	128.905
1.003	14.774			
12/15/2015 1:15:00 AM	1170900.000	12.086	17.641	27.548
7759.041	9028.018	5.096	6139.052	128.882
1.003	14.773			
12/15/2015 1:20:00 AM	1171200.000	12.080	17.640	27.533
7759.281	9028.438	5.096	6139.338	128.878
1.003	14.774			
12/15/2015 1:25:00 AM	1171500.000	12.084	17.640	27.543
7758.075	9026.999	5.095	6138.359	128.898
1.003	14.775			
12/15/2015 1:30:00 AM	1171800.000	12.083	17.641	27.542
7756.851	9025.469	5.094	6137.319	128.918

1.003	14.776				
12/15/2015 1:35:00 AM	1172100.000	12.083	17.640	27.542	
7758.366	9027.303	5.095	6138.566	128.893	
1.003	14.776				
12/15/2015 1:40:00 AM	1172400.000	12.083	17.641	27.542	
7758.218	9027.044	5.095	6138.391	128.896	
1.003	14.776				
12/15/2015 1:45:00 AM	1172700.000	12.085	17.641	27.545	
7757.280	9026.002	5.095	6137.682	128.911	
1.003	14.775				
12/15/2015 1:50:00 AM	1173000.000	12.087	17.640	27.550	
7757.064	9025.805	5.094	6137.547	128.915	
1.003	14.774				
12/15/2015 1:55:00 AM	1173300.000	12.088	17.641	27.553	
7756.840	9025.457	5.094	6137.312	128.918	
1.003	14.772				
12/15/2015 2:00:00 AM	1173600.000	12.091	17.640	27.559	
7757.641	9026.529	5.095	6138.041	128.905	
1.003	14.771				
12/15/2015 2:05:00 AM	1173900.000	12.089	17.641	27.555	
7758.685	9027.656	5.096	6138.806	128.888	
1.003	14.772				
12/15/2015 2:10:00 AM	1174200.000	12.088	17.640	27.552	
7758.330	9027.277	5.095	6138.549	128.894	
1.003	14.773				
12/15/2015 2:15:00 AM	1174500.000	12.087	17.641	27.549	
7758.173	9027.041	5.095	6138.389	128.896	
1.003	14.775				
12/15/2015 2:20:00 AM	1174800.000	12.086	17.641	27.549	
7758.422	9027.351	5.095	6138.599	128.892	
1.003	14.776				
12/15/2015 2:25:00 AM	1175100.000	12.086	17.641	27.547	
7757.870	9026.622	5.095	6138.104	128.901	
1.003	14.777				
12/15/2015 2:30:00 AM	1175400.000	12.085	17.641	27.544	
7760.187	9029.404	5.097	6139.996	128.863	
1.003	14.779				
12/15/2015 2:35:00 AM	1175700.000	12.085	17.640	27.545	
7759.227	9028.375	5.096	6139.295	128.879	
1.003	14.779				
12/15/2015 2:40:00 AM	1176000.000	12.084	17.641	27.543	
7759.463	9028.527	5.096	6139.398	128.875	
1.003	14.779				
12/15/2015 2:45:00 AM	1176300.000	12.085	17.641	27.545	
7758.765	9027.697	5.096	6138.834	128.886	
1.003	14.780				
12/15/2015 2:50:00 AM	1176600.000	12.086	17.641	27.547	
7760.222	9029.340	5.097	6139.951	128.862	
1.003	14.780				
12/15/2015 2:55:00 AM	1176900.000	12.085	17.641	27.547	
7759.177	9028.210	5.096	6139.183	128.880	
1.003	14.781				
12/15/2015 3:00:00 AM	1177200.000	12.084	17.640	27.543	
7759.915	9029.140	5.096	6139.815	128.867	
1.003	14.782				
12/15/2015 3:05:00 AM	1177500.000	12.085	17.640	27.546	
7758.622	9027.617	5.096	6138.780	128.889	

1.003	14.782				
12/15/2015 3:10:00 AM	1177800.000	12.086	17.640	27.549	
7758.910	9027.986	5.096	6139.031	128.884	
1.003	14.783				
12/15/2015 3:15:00 AM	1178100.000	12.087	17.640	27.550	
7758.516	9027.513	5.095	6138.708	128.891	
1.003	14.783				
12/15/2015 3:20:00 AM	1178400.000	12.087	17.641	27.551	
7761.638	9030.918	5.098	6141.024	128.839	
1.003	14.783				
12/15/2015 3:25:00 AM	1178700.000	12.089	17.641	27.555	
7761.171	9030.496	5.097	6140.737	128.847	
1.003	14.782				
12/15/2015 3:30:00 AM	1179000.000	12.090	17.640	27.557	
7760.473	9029.861	5.097	6140.306	128.858	
1.003	14.782				
12/15/2015 3:35:00 AM	1179300.000	12.088	17.640	27.551	
7761.137	9030.577	5.097	6140.793	128.847	
1.003	14.784				
12/15/2015 3:40:00 AM	1179600.000	12.086	17.640	27.548	
7761.823	9031.412	5.098	6141.361	128.836	
1.003	14.786				
12/15/2015 3:45:00 AM	1179900.000	12.085	17.641	27.544	
7760.882	9030.160	5.097	6140.509	128.851	
1.003	14.789				
12/15/2015 3:50:00 AM	1180200.000	12.088	17.640	27.553	
7759.396	9028.588	5.096	6139.440	128.876	
1.003	14.786				
12/15/2015 3:55:00 AM	1180500.000	12.090	17.641	27.556	
7758.574	9027.527	5.095	6138.719	128.890	
1.003	14.783				
12/15/2015 4:00:00 AM	1180800.000	12.093	17.641	27.564	
7758.474	9027.342	5.095	6138.593	128.891	
1.003	14.780				
12/15/2015 4:05:00 AM	1181100.000	12.090	17.640	27.556	
7760.704	9030.040	5.097	6140.428	128.854	
1.003	14.784				
12/15/2015 4:10:00 AM	1181400.000	12.087	17.641	27.550	
7758.654	9027.533	5.095	6138.723	128.888	
1.003	14.788				
12/15/2015 4:15:00 AM	1181700.000	12.083	17.641	27.540	
7759.645	9028.687	5.096	6139.507	128.872	
1.003	14.791				
12/15/2015 4:20:00 AM	1182000.000	12.084	17.641	27.543	
7759.974	9029.103	5.096	6139.790	128.866	
1.003	14.790				
12/15/2015 4:25:00 AM	1182300.000	12.088	17.640	27.552	
7759.032	9028.095	5.096	6139.105	128.882	
1.003	14.788				
12/15/2015 4:30:00 AM	1182600.000	12.084	17.641	27.543	
7759.072	9028.072	5.096	6139.089	128.881	
1.003	14.786				
12/15/2015 4:35:00 AM	1182900.000	12.087	17.641	27.550	
7758.395	9027.231	5.095	6138.518	128.893	
1.003	14.788				
12/15/2015 4:40:00 AM	1183200.000	12.088	17.641	27.551	
7759.470	9028.535	5.096	6139.404	128.875	
1.003	14.790				

12/15/2015 4:45:00 AM	1183500.000	12.085	17.641	27.545
7760.643	9029.915	5.097	6140.343	128.855
1.003	14.792			
12/15/2015 4:50:00 AM	1183800.000	12.087	17.640	27.550
7758.048	9026.968	5.095	6138.338	128.898
1.003	14.791			
12/15/2015 4:55:00 AM	1184100.000	12.088	17.641	27.553
7760.412	9029.646	5.097	6140.160	128.859
1.003	14.790			
12/15/2015 5:00:00 AM	1184400.000	12.090	17.641	27.558
7759.098	9028.137	5.096	6139.133	128.881
1.003	14.788			
12/15/2015 5:05:00 AM	1184700.000	12.089	17.641	27.554
7759.855	9028.896	5.096	6139.650	128.868
1.003	14.789			
12/15/2015 5:10:00 AM	1185000.000	12.089	17.641	27.554
7757.290	9026.013	5.095	6137.688	128.911
1.003	14.789			
12/15/2015 5:15:00 AM	1185300.000	12.089	17.640	27.556
7760.238	9029.517	5.097	6140.071	128.862
1.003	14.790			
12/15/2015 5:20:00 AM	1185600.000	12.091	17.641	27.558
7760.936	9030.256	5.097	6140.574	128.850
1.003	14.790			
12/15/2015 5:25:00 AM	1185900.000	12.090	17.640	27.556
7760.645	9029.954	5.097	6140.369	128.855
1.003	14.790			
12/15/2015 5:30:00 AM	1186200.000	12.090	17.640	27.557
7759.634	9028.777	5.096	6139.569	128.872
1.003	14.790			
12/15/2015 5:35:00 AM	1186500.000	12.093	17.640	27.563
7758.900	9027.924	5.096	6138.988	128.884
1.003	14.789			
12/15/2015 5:40:00 AM	1186800.000	12.093	17.640	27.564
7760.850	9030.209	5.097	6140.542	128.852
1.003	14.788			
12/15/2015 5:45:00 AM	1187100.000	12.093	17.640	27.564
7759.164	9028.248	5.096	6139.209	128.880
1.003	14.787			
12/15/2015 5:50:00 AM	1187400.000	12.089	17.640	27.555
7759.978	9029.229	5.096	6139.876	128.866
1.003	14.791			
12/15/2015 5:55:00 AM	1187700.000	12.088	17.641	27.552
7762.263	9031.800	5.098	6141.625	128.828
1.003	14.794			
12/15/2015 6:00:00 AM	1188000.000	12.083	17.641	27.542
7760.807	9030.105	5.097	6140.472	128.853
1.003	14.798			
12/15/2015 6:05:00 AM	1188300.000	12.085	17.641	27.546
7761.937	9031.370	5.098	6141.332	128.834
1.003	14.798			
12/15/2015 6:10:00 AM	1188600.000	12.086	17.640	27.548
7761.496	9030.962	5.098	6141.055	128.841
1.003	14.797			
12/15/2015 6:15:00 AM	1188900.000	12.089	17.640	27.554
7760.619	9029.924	5.097	6140.349	128.856
1.003	14.797			

12/15/2015 6:20:00 AM	1189200.000	12.087	17.641	27.549
7759.495	9028.564	5.096	6139.424	128.874
1.003	14.798			
12/15/2015 6:25:00 AM	1189500.000	12.088	17.641	27.553
7761.300	9030.594	5.097	6140.804	128.844
1.003	14.799			
12/15/2015 6:30:00 AM	1189800.000	12.085	17.640	27.546
7761.502	9030.969	5.098	6141.059	128.841
1.003	14.800			
12/15/2015 6:35:00 AM	1190100.000	12.090	17.641	27.557
7760.525	9029.763	5.097	6140.239	128.857
1.003	14.797			
12/15/2015 6:40:00 AM	1190400.000	12.092	17.641	27.561
7759.640	9028.715	5.096	6139.527	128.872
1.003	14.794			
12/15/2015 6:45:00 AM	1190700.000	12.095	17.641	27.569
7762.474	9031.891	5.098	6141.686	128.825
1.003	14.791			
12/15/2015 6:50:00 AM	1191000.000	12.093	17.641	27.565
7759.929	9029.104	5.096	6139.791	128.867
1.003	14.795			
12/15/2015 6:55:00 AM	1191300.000	12.090	17.641	27.557
7762.079	9031.519	5.098	6141.433	128.831
1.003	14.799			
12/15/2015 7:00:00 AM	1191600.000	12.085	17.640	27.546
7759.591	9028.779	5.096	6139.570	128.873
1.003	14.803			
12/15/2015 7:05:00 AM	1191900.000	12.087	17.641	27.550
7759.910	9029.062	5.096	6139.762	128.867
1.003	14.802			
12/15/2015 7:10:00 AM	1192200.000	12.088	17.640	27.552
7760.757	9030.102	5.097	6140.470	128.853
1.003	14.801			
12/15/2015 7:15:00 AM	1192500.000	12.089	17.640	27.555
7760.840	9030.181	5.097	6140.523	128.852
1.003	14.800			
12/15/2015 7:20:00 AM	1192800.000	12.090	17.641	27.558
7764.269	9034.084	5.099	6143.178	128.795
1.003	14.800			
12/15/2015 7:25:00 AM	1193100.000	12.093	17.641	27.563
7761.205	9030.589	5.097	6140.800	128.846
1.003	14.800			
12/15/2015 7:30:00 AM	1193400.000	12.093	17.641	27.564
7760.305	9029.472	5.097	6140.042	128.861
1.003	14.799			
12/15/2015 7:35:00 AM	1193700.000	12.093	17.641	27.564
7759.910	9029.012	5.096	6139.729	128.867
1.003	14.800			
12/15/2015 7:40:00 AM	1194000.000	12.091	17.641	27.560
7760.657	9029.897	5.097	6140.331	128.855
1.003	14.802			
12/15/2015 7:45:00 AM	1194300.000	12.093	17.641	27.563
7762.026	9031.475	5.098	6141.403	128.832
1.003	14.803			
12/15/2015 7:50:00 AM	1194600.000	12.093	17.641	27.563
7761.352	9030.760	5.097	6140.917	128.844
1.003	14.804			
12/15/2015 7:55:00 AM	1194900.000	12.091	17.641	27.558

7763.217	9032.931	5.099	6142.394	128.813
1.003	14.805			
12/15/2015 8:00:00 AM	1195200.000	12.090	17.641	27.556
7764.047	9033.843	5.099	6143.014	128.799
1.003	14.806			
12/15/2015 8:05:00 AM	1195500.000	12.090	17.641	27.556
7762.681	9032.184	5.098	6141.885	128.821
1.003	14.806			
12/15/2015 8:10:00 AM	1195800.000	12.092	17.640	27.562
7760.914	9030.338	5.097	6140.630	128.851
1.003	14.805			
12/15/2015 8:15:00 AM	1196100.000	12.092	17.641	27.562
7762.771	9032.411	5.098	6142.040	128.820
1.003	14.804			
12/15/2015 8:20:00 AM	1196400.000	12.094	17.640	27.566
7763.039	9032.739	5.099	6142.263	128.816
1.003	14.805			
12/15/2015 8:25:00 AM	1196700.000	12.091	17.641	27.560
7761.909	9031.408	5.098	6141.358	128.834
1.003	14.805			
12/15/2015 8:30:00 AM	1197000.000	12.093	17.641	27.563
7761.866	9031.305	5.098	6141.287	128.835
1.003	14.805			
12/15/2015 8:35:00 AM	1197300.000	12.092	17.640	27.560
7762.955	9032.642	5.099	6142.197	128.817
1.003	14.808			
12/15/2015 8:40:00 AM	1197600.000	12.089	17.640	27.554
7761.805	9031.305	5.098	6141.287	128.836
1.003	14.810			
12/15/2015 8:45:00 AM	1197900.000	12.087	17.641	27.551
7763.250	9032.916	5.099	6142.383	128.812
1.003	14.813			
12/15/2015 8:50:00 AM	1198200.000	12.090	17.641	27.556
7763.007	9032.563	5.099	6142.143	128.816
1.003	14.812			
12/15/2015 8:55:00 AM	1198500.000	12.091	17.641	27.558
7760.377	9029.573	5.097	6140.110	128.860
1.003	14.811			
12/15/2015 9:00:00 AM	1198800.000	12.090	17.640	27.556
7762.861	9032.550	5.099	6142.134	128.818
1.003	14.810			
12/15/2015 9:05:00 AM	1199100.000	12.092	17.640	27.561
7760.800	9030.170	5.097	6140.516	128.853
1.003	14.810			
12/15/2015 9:10:00 AM	1199400.000	12.091	17.641	27.559
7760.775	9030.002	5.097	6140.402	128.853
1.003	14.811			
12/15/2015 9:15:00 AM	1199700.000	12.089	17.641	27.555
7762.870	9032.473	5.098	6142.082	128.818
1.003	14.812			
12/15/2015 9:20:00 AM	1200000.000	12.091	17.641	27.558
7761.789	9031.216	5.098	6141.227	128.836
1.003	14.814			
12/15/2015 9:25:00 AM	1200300.000	12.088	17.641	27.551
7761.850	9031.286	5.098	6141.275	128.835
1.003	14.816			
12/15/2015 9:30:00 AM	1200600.000	12.085	17.640	27.545

7761.520	9031.043	5.098	6141.109	128.841
1.003	14.819			
12/15/2015 9:35:00 AM	1200900.000	12.087	17.641	27.550
7763.203	9032.826	5.099	6142.322	128.813
1.003	14.817			
12/15/2015 9:40:00 AM	1201200.000	12.091	17.640	27.559
7762.596	9032.347	5.098	6141.996	128.823
1.003	14.815			
12/15/2015 9:45:00 AM	1201500.000	12.093	17.640	27.563
7763.066	9032.789	5.099	6142.297	128.815
1.003	14.813			
12/15/2015 9:50:00 AM	1201800.000	12.092	17.641	27.561
7760.775	9030.002	5.097	6140.402	128.853
1.003	14.814			
12/15/2015 9:55:00 AM	1202100.000	12.092	17.640	27.561
7762.833	9032.552	5.099	6142.136	128.819
1.003	14.814			
12/15/2015 10:00:00 AM	1202400.000	12.093	17.641	27.564
7761.080	9030.321	5.097	6140.619	128.848
1.003	14.815			
12/15/2015 10:05:00 AM	1202700.000	12.095	17.641	27.568
7760.697	9029.928	5.097	6140.351	128.854
1.003	14.813			
12/15/2015 10:10:00 AM	1203000.000	12.098	17.641	27.575
7760.345	9029.518	5.097	6140.072	128.860
1.003	14.810			
12/15/2015 10:15:00 AM	1203300.000	12.100	17.641	27.579
7761.060	9030.367	5.097	6140.650	128.848
1.003	14.808			
12/15/2015 10:20:00 AM	1203600.000	12.097	17.641	27.574
7758.322	9027.234	5.095	6138.520	128.894
1.003	14.811			
12/15/2015 10:25:00 AM	1203900.000	12.096	17.640	27.571
7762.141	9031.745	5.098	6141.587	128.830
1.003	14.813			
12/15/2015 10:30:00 AM	1204200.000	12.094	17.640	27.566
7760.771	9030.101	5.097	6140.469	128.853
1.003	14.816			
12/15/2015 10:35:00 AM	1204500.000	12.096	17.641	27.570
7760.139	9029.295	5.097	6139.921	128.864
1.003	14.813			
12/15/2015 10:40:00 AM	1204800.000	12.098	17.641	27.575
7760.045	9029.239	5.096	6139.883	128.865
1.003	14.809			
12/15/2015 10:45:00 AM	1205100.000	12.103	17.641	27.586
7761.012	9030.364	5.097	6140.648	128.849
1.003	14.805			
12/15/2015 10:50:00 AM	1205400.000	12.099	17.640	27.578
7760.143	9029.421	5.097	6140.006	128.864
1.003	14.809			
12/15/2015 10:55:00 AM	1205700.000	12.096	17.641	27.571
7762.681	9032.271	5.098	6141.944	128.821
1.003	14.812			
12/15/2015 11:00:00 AM	1206000.000	12.091	17.641	27.560
7761.879	9031.338	5.098	6141.310	128.835
1.003	14.815			
12/15/2015 11:05:00 AM	1206300.000	12.093	17.640	27.563
7760.685	9030.108	5.097	6140.474	128.855

1.003	14.813				
12/15/2015 11:10:00 AM	1206600.000	12.096	17.641	27.571	
7761.308	9030.688	5.097	6140.869	128.844	
1.003	14.811				
12/15/2015 11:15:00 AM	1206900.000	12.096	17.640	27.572	
7760.067	9029.332	5.097	6139.946	128.865	
1.003	14.809				
12/15/2015 11:20:00 AM	1207200.000	12.097	17.641	27.572	
7761.665	9031.089	5.098	6141.141	128.838	
1.003	14.809				
12/15/2015 11:25:00 AM	1207500.000	12.097	17.641	27.572	
7760.624	9029.773	5.097	6140.247	128.856	
1.003	14.808				
12/15/2015 11:30:00 AM	1207800.000	12.095	17.640	27.568	
7759.168	9028.323	5.096	6139.260	128.880	
1.003	14.807				
12/15/2015 11:35:00 AM	1208100.000	12.096	17.641	27.570	
7759.222	9028.262	5.096	6139.218	128.879	
1.003	14.805				
12/15/2015 11:40:00 AM	1208400.000	12.095	17.641	27.569	
7760.874	9030.081	5.097	6140.455	128.851	
1.003	14.804				
12/15/2015 11:45:00 AM	1208700.000	12.097	17.641	27.572	
7760.122	9029.242	5.097	6139.885	128.864	
1.003	14.802				
12/15/2015 11:50:00 AM	1209000.000	12.098	17.640	27.574	
7758.196	9027.176	5.095	6138.479	128.896	
1.003	14.800				
12/15/2015 11:55:00 AM	1209300.000	12.098	17.641	27.576	
7759.690	9028.739	5.096	6139.543	128.871	
1.003	14.798				
12/15/2015 12:00:00 PM	1209600.000	12.101	17.641	27.582	
7762.199	9031.745	5.098	6141.587	128.829	
1.003	14.796				
12/15/2015 12:05:00 PM	1209900.000	12.101	17.641	27.581	
7759.478	9028.421	5.096	6139.327	128.875	
1.003	14.797				
12/15/2015 12:10:00 PM	1210200.000	12.097	17.641	27.573	
7760.965	9030.274	5.097	6140.587	128.850	
1.003	14.798				
12/15/2015 12:15:00 PM	1210500.000	12.096	17.641	27.571	
7760.965	9030.274	5.097	6140.587	128.850	
1.003	14.799				
12/15/2015 12:20:00 PM	1210800.000	12.095	17.640	27.569	
7761.091	9030.474	5.097	6140.722	128.848	
1.003	14.800				
12/15/2015 12:25:00 PM	1211100.000	12.093	17.641	27.564	
7762.141	9031.657	5.098	6141.527	128.830	
1.003	14.801				
12/15/2015 12:30:00 PM	1211400.000	12.093	17.641	27.564	
7762.390	9031.880	5.098	6141.678	128.826	
1.003	14.802				
12/15/2015 12:35:00 PM	1211700.000	12.091	17.641	27.560	
7759.702	9028.840	5.096	6139.612	128.871	
1.003	14.801				
12/15/2015 12:40:00 PM	1212000.000	12.093	17.641	27.564	
7762.526	9032.106	5.098	6141.833	128.824	

1.003	14.801				
12/15/2015 12:45:00 PM	1212300.000	12.093	17.641	27.563	
7761.525	9030.892	5.098	6141.006	128.841	
1.003	14.801				
12/15/2015 12:50:00 PM	1212600.000	12.094	17.641	27.565	
7762.203	9031.628	5.098	6141.507	128.829	
1.003	14.800				
12/15/2015 12:55:00 PM	1212900.000	12.095	17.640	27.569	
7762.215	9031.781	5.098	6141.612	128.829	
1.003	14.799				
12/15/2015 1:00:00 PM	1213200.000	12.095	17.641	27.569	
7762.030	9031.549	5.098	6141.453	128.832	
1.003	14.798				
12/15/2015 1:05:00 PM	1213500.000	12.098	17.641	27.575	
7761.140	9030.514	5.097	6140.750	128.847	
1.003	14.796				
12/15/2015 1:10:00 PM	1213800.000	12.099	17.640	27.578	
7762.127	9031.679	5.098	6141.542	128.831	
1.003	14.794				
12/15/2015 1:15:00 PM	1214100.000	12.099	17.641	27.578	
7761.609	9030.954	5.098	6141.049	128.839	
1.003	14.791				
12/15/2015 1:20:00 PM	1214400.000	12.096	17.641	27.570	
7763.233	9032.914	5.099	6142.382	128.812	
1.003	14.793				
12/15/2015 1:25:00 PM	1214700.000	12.095	17.641	27.569	
7759.535	9028.559	5.096	6139.420	128.874	
1.003	14.795				
12/15/2015 1:30:00 PM	1215000.000	12.093	17.641	27.565	
7761.230	9030.564	5.097	6140.784	128.846	
1.003	14.796				
12/15/2015 1:35:00 PM	1215300.000	12.096	17.640	27.571	
7762.868	9032.558	5.099	6142.140	128.818	
1.003	14.795				
12/15/2015 1:40:00 PM	1215600.000	12.098	17.641	27.574	
7761.236	9030.571	5.097	6140.789	128.845	
1.003	14.794				
12/15/2015 1:45:00 PM	1215900.000	12.098	17.641	27.575	
7762.157	9031.697	5.098	6141.554	128.830	
1.003	14.793				
12/15/2015 1:50:00 PM	1216200.000	12.099	17.641	27.577	
7761.837	9031.324	5.098	6141.301	128.835	
1.003	14.792				
12/15/2015 1:55:00 PM	1216500.000	12.098	17.640	27.574	
7761.426	9030.880	5.097	6140.999	128.842	
1.003	14.792				
12/15/2015 2:00:00 PM	1216800.000	12.097	17.641	27.572	
7761.258	9030.581	5.097	6140.796	128.845	
1.003	14.791				
12/15/2015 2:05:00 PM	1217100.000	12.096	17.640	27.571	
7762.062	9031.638	5.098	6141.514	128.832	
1.003	14.792				
12/15/2015 2:10:00 PM	1217400.000	12.094	17.640	27.566	
7760.156	9029.402	5.097	6139.994	128.863	
1.003	14.793				
12/15/2015 2:15:00 PM	1217700.000	12.094	17.641	27.565	
7761.291	9030.567	5.097	6140.786	128.845	
1.003	14.795				

12/15/2015 2:20:00 PM	1218000.000	12.095	17.641	27.568
7759.331	9028.408	5.096	6139.318	128.877
1.003	14.792			
12/15/2015 2:25:00 PM	1218300.000	12.100	17.641	27.579
7760.207	9029.340	5.097	6139.951	128.863
1.003	14.789			
12/15/2015 2:30:00 PM	1218600.000	12.101	17.641	27.582
7760.630	9029.851	5.097	6140.299	128.856
1.003	14.786			
12/15/2015 2:35:00 PM	1218900.000	12.102	17.641	27.584
7760.859	9030.166	5.097	6140.513	128.852
1.003	14.787			
12/15/2015 2:40:00 PM	1219200.000	12.099	17.641	27.577
7761.493	9030.924	5.098	6141.028	128.841
1.003	14.788			
12/15/2015 2:45:00 PM	1219500.000	12.098	17.641	27.576
7761.705	9031.048	5.098	6141.113	128.838
1.003	14.789			
12/15/2015 2:50:00 PM	1219800.000	12.096	17.641	27.570
7760.235	9029.426	5.097	6140.010	128.862
1.003	14.790			
12/15/2015 2:55:00 PM	1220100.000	12.096	17.641	27.570
7760.356	9029.582	5.097	6140.116	128.860
1.003	14.791			
12/15/2015 3:00:00 PM	1220400.000	12.097	17.640	27.573
7760.811	9030.182	5.097	6140.524	128.853
1.003	14.792			
12/15/2015 3:05:00 PM	1220700.000	12.095	17.641	27.569
7759.754	9028.762	5.096	6139.558	128.870
1.003	14.793			
12/15/2015 3:10:00 PM	1221000.000	12.095	17.640	27.569
7760.987	9030.388	5.097	6140.664	128.850
1.003	14.794			
12/15/2015 3:15:00 PM	1221300.000	12.095	17.641	27.567
7759.209	9028.267	5.096	6139.222	128.879
1.003	14.795			
12/15/2015 3:20:00 PM	1221600.000	12.094	17.641	27.566
7760.939	9030.279	5.097	6140.590	128.850
1.003	14.794			
12/15/2015 3:25:00 PM	1221900.000	12.097	17.641	27.573
7760.959	9030.250	5.097	6140.570	128.850
1.003	14.793			
12/15/2015 3:30:00 PM	1222200.000	12.099	17.641	27.577
7760.992	9030.341	5.097	6140.632	128.850
1.003	14.793			
12/15/2015 3:35:00 PM	1222500.000	12.100	17.641	27.579
7762.145	9031.647	5.098	6141.521	128.830
1.003	14.792			
12/15/2015 3:40:00 PM	1222800.000	12.101	17.641	27.582
7760.344	9029.465	5.097	6140.037	128.860
1.003	14.792			
12/15/2015 3:45:00 PM	1223100.000	12.103	17.640	27.587
7759.508	9028.648	5.096	6139.481	128.874
1.003	14.792			
12/15/2015 3:50:00 PM	1223400.000	12.100	17.640	27.580
7758.945	9028.048	5.096	6139.073	128.883
1.003	14.793			

12/15/2015 3:55:00 PM	1223700.000	12.099	17.641	27.576
7760.759	9029.965	5.097	6140.376	128.853
1.003	14.795			
12/15/2015 4:00:00 PM	1224000.000	12.098	17.640	27.576
7760.062	9029.275	5.097	6139.907	128.865
1.003	14.797			
12/15/2015 4:05:00 PM	1224300.000	12.099	17.641	27.577
7759.964	9029.092	5.096	6139.783	128.867
1.003	14.794			
12/15/2015 4:10:00 PM	1224600.000	12.103	17.641	27.587
7760.885	9030.197	5.097	6140.534	128.851
1.003	14.791			
12/15/2015 4:15:00 PM	1224900.000	12.107	17.640	27.595
7760.759	9030.158	5.097	6140.508	128.853
1.003	14.789			
12/15/2015 4:20:00 PM	1225200.000	12.101	17.640	27.581
7761.229	9030.686	5.097	6140.866	128.846
1.003	14.794			
12/15/2015 4:25:00 PM	1225500.000	12.098	17.640	27.575
7759.980	9029.197	5.096	6139.854	128.866
1.003	14.798			
12/15/2015 4:30:00 PM	1225800.000	12.091	17.641	27.560
7760.896	9030.056	5.097	6140.438	128.851
1.003	14.803			
12/15/2015 4:35:00 PM	1226100.000	12.095	17.640	27.569
7761.932	9031.575	5.098	6141.471	128.834
1.003	14.801			
12/15/2015 4:40:00 PM	1226400.000	12.098	17.640	27.575
7762.673	9032.365	5.098	6142.009	128.822
1.003	14.798			
12/15/2015 4:45:00 PM	1226700.000	12.101	17.641	27.582
7762.106	9031.618	5.098	6141.501	128.831
1.003	14.796			
12/15/2015 4:50:00 PM	1227000.000	12.101	17.641	27.582
7759.060	9028.022	5.096	6139.055	128.882
1.003	14.796			
12/15/2015 4:55:00 PM	1227300.000	12.104	17.641	27.588
7760.642	9029.881	5.097	6140.319	128.855
1.003	14.796			
12/15/2015 5:00:00 PM	1227600.000	12.104	17.641	27.589
7759.049	9028.061	5.096	6139.082	128.882
1.003	14.796			
12/15/2015 5:05:00 PM	1227900.000	12.103	17.641	27.586
7761.787	9031.246	5.098	6141.248	128.836
1.003	14.798			
12/15/2015 5:10:00 PM	1228200.000	12.101	17.640	27.583
7759.383	9028.503	5.096	6139.382	128.876
1.003	14.800			
12/15/2015 5:15:00 PM	1228500.000	12.101	17.641	27.582
7757.887	9026.642	5.095	6138.116	128.901
1.003	14.802			
12/15/2015 5:20:00 PM	1228800.000	12.101	17.641	27.582
7761.440	9030.862	5.097	6140.986	128.842
1.003	14.803			
12/15/2015 5:25:00 PM	1229100.000	12.100	17.641	27.579
7757.521	9026.233	5.095	6137.839	128.907
1.003	14.805			
12/15/2015 5:30:00 PM	1229400.000	12.100	17.641	27.580

7760.257	9029.434	5.097	6140.016	128.862
1.003	14.806			
12/15/2015 5:35:00 PM	1229700.000	12.100	17.640	27.580
7758.696	9027.703	5.096	6138.839	128.888
1.003	14.806			
12/15/2015 5:40:00 PM	1230000.000	12.101	17.641	27.582
7756.877	9025.431	5.094	6137.293	128.918
1.003	14.806			
12/15/2015 5:45:00 PM	1230300.000	12.103	17.641	27.587
7757.338	9026.090	5.095	6137.742	128.910
1.003	14.807			
12/15/2015 5:50:00 PM	1230600.000	12.099	17.640	27.576
7758.398	9027.375	5.095	6138.616	128.893
1.003	14.811			
12/15/2015 5:55:00 PM	1230900.000	12.095	17.641	27.568
7757.759	9026.545	5.095	6138.051	128.903
1.003	14.816			
12/15/2015 6:00:00 PM	1231200.000	12.093	17.641	27.563
7757.333	9025.996	5.095	6137.678	128.910
1.003	14.820			
12/15/2015 6:05:00 PM	1231500.000	12.097	17.641	27.572
7755.458	9023.849	5.093	6136.218	128.941
1.003	14.817			
12/15/2015 6:10:00 PM	1231800.000	12.099	17.641	27.577
7756.529	9024.974	5.094	6136.982	128.924
1.003	14.815			
12/15/2015 6:15:00 PM	1232100.000	12.103	17.641	27.586
7757.602	9026.376	5.095	6137.936	128.906
1.003	14.812			
12/15/2015 6:20:00 PM	1232400.000	12.103	17.641	27.587
7755.947	9024.365	5.094	6136.568	128.933
1.003	14.811			
12/15/2015 6:25:00 PM	1232700.000	12.103	17.640	27.588
7757.551	9026.461	5.095	6137.994	128.907
1.003	14.811			
12/15/2015 6:30:00 PM	1233000.000	12.104	17.640	27.588
7754.119	9022.378	5.092	6135.218	128.964
1.003	14.810			
12/15/2015 6:35:00 PM	1233300.000	12.105	17.641	27.591
7752.974	9020.941	5.091	6134.241	128.983
1.003	14.811			
12/15/2015 6:40:00 PM	1233600.000	12.104	17.640	27.590
7754.871	9023.236	5.093	6135.801	128.951
1.003	14.812			
12/15/2015 6:45:00 PM	1233900.000	12.103	17.641	27.587
7755.457	9023.779	5.093	6136.170	128.941
1.003	14.812			
12/15/2015 6:50:00 PM	1234200.000	12.104	17.640	27.589
7754.686	9023.021	5.093	6135.654	128.954
1.003	14.813			
12/15/2015 6:55:00 PM	1234500.000	12.104	17.641	27.588
7755.125	9023.480	5.093	6135.967	128.947
1.003	14.814			
12/15/2015 7:00:00 PM	1234800.000	12.102	17.641	27.585
7755.309	9023.606	5.093	6136.053	128.944
1.003	14.814			
12/15/2015 7:05:00 PM	1235100.000	12.102	17.641	27.584

7753.007	9021.015	5.092	6134.290	128.982
1.003	14.817			
12/15/2015 7:10:00 PM	1235400.000	12.100	17.641	27.579
7752.198	9020.089	5.091	6133.661	128.996
1.003	14.819			
12/15/2015 7:15:00 PM	1235700.000	12.098	17.641	27.575
7753.381	9021.465	5.092	6134.596	128.976
1.003	14.821			
12/15/2015 7:20:00 PM	1236000.000	12.097	17.640	27.573
7753.012	9021.072	5.092	6134.329	128.982
1.003	14.821			
12/15/2015 7:25:00 PM	1236300.000	12.100	17.641	27.579
7752.893	9020.864	5.091	6134.188	128.984
1.003	14.821			
12/15/2015 7:30:00 PM	1236600.000	12.099	17.640	27.578
7751.814	9019.696	5.091	6133.394	129.002
1.003	14.821			
12/15/2015 7:35:00 PM	1236900.000	12.099	17.640	27.577
7752.015	9019.912	5.091	6133.541	128.999
1.003	14.821			
12/15/2015 7:40:00 PM	1237200.000	12.098	17.641	27.575
7751.222	9018.920	5.090	6132.866	129.012
1.003	14.820			
12/15/2015 7:45:00 PM	1237500.000	12.100	17.641	27.580
7753.262	9021.347	5.092	6134.516	128.978
1.003	14.820			
12/15/2015 7:50:00 PM	1237800.000	12.103	17.641	27.586
7752.161	9020.045	5.091	6133.631	128.996
1.003	14.819			
12/15/2015 7:55:00 PM	1238100.000	12.106	17.641	27.593
7751.850	9019.669	5.091	6133.375	129.001
1.003	14.817			
12/15/2015 8:00:00 PM	1238400.000	12.107	17.641	27.595
7750.711	9018.292	5.090	6132.438	129.020
1.003	14.816			
12/15/2015 8:05:00 PM	1238700.000	12.104	17.640	27.589
7750.049	9017.643	5.089	6131.998	129.031
1.003	14.819			
12/15/2015 8:10:00 PM	1239000.000	12.101	17.641	27.583
7752.253	9020.086	5.091	6133.659	128.995
1.003	14.822			
12/15/2015 8:15:00 PM	1239300.000	12.100	17.640	27.580
7749.863	9017.408	5.089	6131.838	129.035
1.003	14.825			
12/15/2015 8:20:00 PM	1239600.000	12.099	17.640	27.578
7750.310	9017.964	5.090	6132.215	129.027
1.003	14.825			
12/15/2015 8:25:00 PM	1239900.000	12.099	17.640	27.577
7749.721	9017.351	5.089	6131.799	129.037
1.003	14.826			
12/15/2015 8:30:00 PM	1240200.000	12.101	17.641	27.582
7751.170	9018.878	5.090	6132.837	129.013
1.003	14.826			
12/15/2015 8:35:00 PM	1240500.000	12.099	17.641	27.578
7751.718	9019.429	5.091	6133.211	129.004
1.003	14.829			
12/15/2015 8:40:00 PM	1240800.000	12.097	17.641	27.573
7751.901	9019.710	5.091	6133.403	129.001

1.003	14.832			
12/15/2015 8:45:00 PM	1241100.000	12.096	17.641	27.571
7748.478	9015.780	5.088	6130.730	129.058
1.003	14.834			
12/15/2015 8:50:00 PM	1241400.000	12.098	17.640	27.576
7750.603	9018.392	5.090	6132.507	129.022
1.003	14.832			
12/15/2015 8:55:00 PM	1241700.000	12.100	17.641	27.581
7752.669	9020.587	5.091	6134.000	128.988
1.003	14.830			
12/15/2015 9:00:00 PM	1242000.000	12.101	17.641	27.583
7751.666	9019.470	5.091	6133.240	129.005
1.003	14.828			
12/15/2015 9:05:00 PM	1242300.000	12.101	17.640	27.583
7753.266	9021.403	5.092	6134.554	128.978
1.003	14.828			
12/15/2015 9:10:00 PM	1242600.000	12.101	17.640	27.581
7749.123	9016.547	5.089	6131.252	129.047
1.003	14.829			
12/15/2015 9:15:00 PM	1242900.000	12.100	17.640	27.580
7750.600	9018.373	5.090	6132.494	129.022
1.003	14.829			
12/15/2015 9:20:00 PM	1243200.000	12.102	17.641	27.584
7751.994	9019.852	5.091	6133.499	128.999
1.003	14.829			
12/15/2015 9:25:00 PM	1243500.000	12.101	17.641	27.583
7749.134	9016.422	5.089	6131.167	129.047
1.003	14.829			
12/15/2015 9:30:00 PM	1243800.000	12.101	17.640	27.583
7752.151	9020.071	5.091	6133.649	128.996
1.003	14.829			
12/15/2015 9:35:00 PM	1244100.000	12.102	17.640	27.585
7752.564	9020.622	5.091	6134.023	128.990
1.003	14.829			
12/15/2015 9:40:00 PM	1244400.000	12.105	17.641	27.591
7750.730	9018.349	5.090	6132.477	129.020
1.003	14.828			
12/15/2015 9:45:00 PM	1244700.000	12.106	17.640	27.593
7752.375	9020.348	5.091	6133.837	128.993
1.003	14.828			
12/15/2015 9:50:00 PM	1245000.000	12.102	17.641	27.585
7752.002	9019.722	5.091	6133.411	128.999
1.003	14.830			
12/15/2015 9:55:00 PM	1245300.000	12.103	17.640	27.587
7750.875	9018.622	5.090	6132.663	129.018
1.003	14.832			
12/15/2015 10:00:00 PM	1245600.000	12.101	17.640	27.583
7750.945	9018.668	5.090	6132.695	129.017
1.003	14.834			
12/15/2015 10:05:00 PM	1245900.000	12.100	17.641	27.580
7750.330	9017.830	5.090	6132.125	129.027
1.003	14.835			
12/15/2015 10:10:00 PM	1246200.000	12.100	17.640	27.580
7750.080	9017.678	5.089	6132.021	129.031
1.003	14.836			
12/15/2015 10:15:00 PM	1246500.000	12.100	17.641	27.580
7749.652	9017.093	5.089	6131.623	129.038

1.003	14.836				
12/15/2015 10:20:00 PM	1246800.000	12.102	17.640	27.584	
7748.179	9015.500	5.088	6130.541	129.063	
1.003	14.836				
12/15/2015 10:25:00 PM	1247100.000	12.104	17.641	27.589	
7750.662	9018.216	5.090	6132.387	129.021	
1.003	14.836				
12/15/2015 10:30:00 PM	1247400.000	12.103	17.641	27.587	
7751.581	9019.285	5.090	6133.114	129.006	
1.003	14.835				
12/15/2015 10:35:00 PM	1247700.000	12.103	17.641	27.586	
7750.448	9018.020	5.090	6132.253	129.025	
1.003	14.835				
12/15/2015 10:40:00 PM	1248000.000	12.102	17.640	27.585	
7751.665	9019.540	5.091	6133.288	129.005	
1.003	14.836				
12/15/2015 10:45:00 PM	1248300.000	12.103	17.641	27.587	
7751.774	9019.442	5.091	6133.221	129.003	
1.003	14.836				
12/15/2015 10:50:00 PM	1248600.000	12.103	17.641	27.587	
7751.950	9019.767	5.091	6133.442	129.000	
1.003	14.836				
12/15/2015 10:55:00 PM	1248900.000	12.102	17.640	27.584	
7751.775	9019.634	5.091	6133.352	129.003	
1.003	14.835				
12/15/2015 11:00:00 PM	1249200.000	12.103	17.640	27.587	
7749.222	9016.680	5.089	6131.342	129.045	
1.003	14.835				
12/15/2015 11:05:00 PM	1249500.000	12.103	17.642	27.587	
7751.666	9019.297	5.090	6133.123	129.005	
1.003	14.835				
12/15/2015 11:10:00 PM	1249800.000	12.103	17.641	27.586	
7750.960	9018.634	5.090	6132.671	129.016	
1.003	14.836				
12/15/2015 11:15:00 PM	1250100.000	12.101	17.641	27.582	
7749.050	9016.411	5.089	6131.160	129.048	
1.003	14.836				
12/15/2015 11:20:00 PM	1250400.000	12.102	17.641	27.585	
7751.893	9019.701	5.091	6133.397	129.001	
1.003	14.835				
12/15/2015 11:25:00 PM	1250700.000	12.104	17.641	27.590	
7750.672	9018.229	5.090	6132.396	129.021	
1.003	14.834				
12/15/2015 11:30:00 PM	1251000.000	12.106	17.641	27.593	
7749.313	9016.664	5.089	6131.332	129.044	
1.003	14.833				
12/15/2015 11:35:00 PM	1251300.000	12.105	17.640	27.590	
7749.079	9016.497	5.089	6131.218	129.048	
1.003	14.833				
12/15/2015 11:40:00 PM	1251600.000	12.105	17.641	27.591	
7750.481	9018.059	5.090	6132.280	129.024	
1.003	14.834				
12/15/2015 11:45:00 PM	1251900.000	12.104	17.640	27.590	
7749.721	9017.279	5.089	6131.750	129.037	
1.003	14.834				
12/15/2015 11:50:00 PM	1252200.000	12.102	17.640	27.584	
7750.621	9018.291	5.090	6132.438	129.022	
1.003	14.836				

12/15/2015 11:55:00 PM	1252500.000		12.101	17.641	27.582
7749.204	9016.604	5.089		6131.292	129.046
1.003	14.838				
12/16/2015 12:00:00 AM	1252800.000		12.100	17.641	27.581
7750.303	9017.869	5.090		6132.151	129.027
1.003	14.840				
12/16/2015 12:05:00 AM	1253100.000		12.100	17.641	27.580
7748.399	9015.550	5.088		6130.574	129.059
1.003	14.839				
12/16/2015 12:10:00 AM	1253400.000		12.103	17.641	27.587
7750.530	9018.115	5.090		6132.318	129.023
1.003	14.837				
12/16/2015 12:15:00 AM	1253700.000		12.104	17.641	27.589
7750.231	9017.800	5.090		6132.104	129.028
1.003	14.835				
12/16/2015 12:20:00 AM	1254000.000		12.105	17.641	27.591
7749.463	9016.821	5.089		6131.439	129.041
1.003	14.834				
12/16/2015 12:25:00 AM	1254300.000		12.106	17.641	27.593
7748.801	9016.137	5.089		6130.973	129.052
1.003	14.833				
12/16/2015 12:30:00 AM	1254600.000		12.106	17.641	27.593
7748.461	9015.727	5.088		6130.694	129.058
1.003	14.832				
12/16/2015 12:35:00 AM	1254900.000		12.106	17.641	27.594
7751.691	9019.499	5.091		6133.260	129.004
1.003	14.833				
12/16/2015 12:40:00 AM	1255200.000		12.106	17.641	27.594
7750.702	9018.210	5.090		6132.383	129.021
1.003	14.833				
12/16/2015 12:45:00 AM	1255500.000		12.105	17.641	27.590
7750.621	9018.239	5.090		6132.403	129.022
1.003	14.834				
12/16/2015 12:50:00 AM	1255800.000		12.104	17.641	27.588
7747.854	9014.916	5.088		6130.143	129.068
1.003	14.833				
12/16/2015 12:55:00 AM	1256100.000		12.102	17.641	27.585
7749.057	9016.367	5.089		6131.130	129.048
1.003	14.833				
12/16/2015 1:00:00 AM	1256400.000		12.105	17.640	27.591
7748.827	9016.203	5.089		6131.018	129.052
1.003	14.832				
12/16/2015 1:05:00 AM	1256700.000		12.106	17.641	27.594
7749.996	9017.546	5.089		6131.931	129.032
1.003	14.832				
12/16/2015 1:10:00 AM	1257000.000		12.105	17.641	27.591
7750.635	9018.203	5.090		6132.378	129.022
1.003	14.833				
12/16/2015 1:15:00 AM	1257300.000		12.102	17.641	27.585
7751.180	9018.925	5.090		6132.869	129.013
1.003	14.833				
12/16/2015 1:20:00 AM	1257600.000		12.103	17.642	27.587
7749.997	9017.355	5.089		6131.802	129.032
1.003	14.833				
12/16/2015 1:25:00 AM	1257900.000		12.105	17.641	27.591
7750.208	9017.758	5.090		6132.075	129.029
1.003	14.833				

12/16/2015 1:30:00 AM	1258200.000	12.106	17.641	27.594
7750.122	9017.588	5.089	6131.960	129.030
1.003	14.832			
12/16/2015 1:35:00 AM	1258500.000	12.107	17.641	27.596
7750.976	9018.616	5.090	6132.660	129.016
1.003	14.832			
12/16/2015 1:40:00 AM	1258800.000	12.106	17.641	27.594
7750.804	9018.434	5.090	6132.535	129.019
1.003	14.833			
12/16/2015 1:45:00 AM	1259100.000	12.106	17.641	27.593
7751.503	9019.195	5.090	6133.053	129.007
1.003	14.833			
12/16/2015 1:50:00 AM	1259400.000	12.107	17.640	27.595
7751.662	9019.520	5.091	6133.273	129.005
1.003	14.833			
12/16/2015 1:55:00 AM	1259700.000	12.106	17.641	27.594
7751.368	9019.143	5.090	6133.018	129.009
1.003	14.834			
12/16/2015 2:00:00 AM	1260000.000	12.107	17.641	27.596
7750.449	9018.039	5.090	6132.267	129.025
1.003	14.834			
12/16/2015 2:05:00 AM	1260300.000	12.106	17.641	27.594
7750.523	9018.160	5.090	6132.350	129.024
1.003	14.835			
12/16/2015 2:10:00 AM	1260600.000	12.106	17.641	27.594
7751.135	9018.819	5.090	6132.798	129.013
1.003	14.836			
12/16/2015 2:15:00 AM	1260900.000	12.108	17.641	27.599
7750.509	9018.057	5.090	6132.279	129.024
1.003	14.836			
12/16/2015 2:20:00 AM	1261200.000	12.108	17.641	27.597
7752.683	9020.604	5.091	6134.010	128.988
1.003	14.837			
12/16/2015 2:25:00 AM	1261500.000	12.108	17.641	27.597
7752.821	9020.834	5.091	6134.167	128.985
1.003	14.838			
12/16/2015 2:30:00 AM	1261800.000	12.106	17.641	27.594
7750.675	9018.215	5.090	6132.387	129.021
1.003	14.839			
12/16/2015 2:35:00 AM	1262100.000	12.107	17.641	27.596
7753.345	9021.443	5.092	6134.582	128.977
1.003	14.839			
12/16/2015 2:40:00 AM	1262400.000	12.106	17.641	27.593
7752.442	9020.358	5.091	6133.844	128.992
1.003	14.840			
12/16/2015 2:45:00 AM	1262700.000	12.105	17.641	27.592
7752.069	9019.854	5.091	6133.500	128.998
1.003	14.840			
12/16/2015 2:50:00 AM	1263000.000	12.107	17.640	27.596
7752.396	9020.356	5.091	6133.842	128.992
1.003	14.839			
12/16/2015 2:55:00 AM	1263300.000	12.108	17.641	27.597
7752.706	9020.680	5.091	6134.063	128.987
1.003	14.838			
12/16/2015 3:00:00 AM	1263600.000	12.109	17.641	27.600
7752.697	9020.654	5.091	6134.045	128.987
1.003	14.838			
12/16/2015 3:05:00 AM	1263900.000	12.108	17.641	27.597

7750.314	9017.812	5.090	6132.112	129.027
1.003	14.839			
12/16/2015 3:10:00 AM	1264200.000	12.109	17.640	27.599
7750.755	9018.464	5.090	6132.556	129.020
1.003	14.840			
12/16/2015 3:15:00 AM	1264500.000	12.107	17.640	27.597
7752.981	9021.088	5.092	6134.340	128.983
1.003	14.840			
12/16/2015 3:20:00 AM	1264800.000	12.107	17.641	27.595
7751.847	9019.646	5.091	6133.360	129.002
1.003	14.840			
12/16/2015 3:25:00 AM	1265100.000	12.108	17.641	27.597
7751.347	9019.083	5.090	6132.977	129.010
1.003	14.839			
12/16/2015 3:30:00 AM	1265400.000	12.108	17.641	27.597
7751.630	9019.429	5.091	6133.211	129.005
1.003	14.839			
12/16/2015 3:35:00 AM	1265700.000	12.108	17.641	27.598
7750.325	9017.895	5.090	6132.169	129.027
1.003	14.839			
12/16/2015 3:40:00 AM	1266000.000	12.108	17.641	27.598
7749.978	9017.505	5.089	6131.904	129.033
1.003	14.839			
12/16/2015 3:45:00 AM	1266300.000	12.108	17.641	27.598
7749.206	9016.541	5.089	6131.249	129.045
1.003	14.839			
12/16/2015 3:50:00 AM	1266600.000	12.109	17.641	27.600
7748.927	9016.303	5.089	6131.086	129.050
1.003	14.839			
12/16/2015 3:55:00 AM	1266900.000	12.110	17.640	27.602
7748.076	9015.399	5.088	6130.472	129.064
1.003	14.839			
12/16/2015 4:00:00 AM	1267200.000	12.108	17.641	27.597
7749.531	9016.900	5.089	6131.493	129.040
1.003	14.838			
12/16/2015 4:05:00 AM	1267500.000	12.107	17.640	27.595
7748.498	9015.820	5.088	6130.758	129.057
1.003	14.839			
12/16/2015 4:10:00 AM	1267800.000	12.106	17.641	27.592
7749.254	9016.579	5.089	6131.274	129.045
1.003	14.840			
12/16/2015 4:15:00 AM	1268100.000	12.105	17.641	27.590
7746.645	9013.627	5.087	6129.267	129.088
1.003	14.841			
12/16/2015 4:20:00 AM	1268400.000	12.107	17.641	27.595
7747.430	9014.474	5.088	6129.843	129.075
1.003	14.840			
12/16/2015 4:25:00 AM	1268700.000	12.107	17.642	27.597
7746.431	9013.188	5.087	6128.969	129.092
1.003	14.838			
12/16/2015 4:30:00 AM	1269000.000	12.108	17.641	27.599
7747.259	9014.309	5.087	6129.730	129.078
1.003	14.837			
12/16/2015 4:35:00 AM	1269300.000	12.108	17.640	27.599
7746.303	9013.267	5.087	6129.021	129.094
1.003	14.836			
12/16/2015 4:40:00 AM	1269600.000	12.110	17.641	27.602

7745.067	9011.725	5.086	6127.973	129.114
1.003	14.835			
12/16/2015 4:45:00 AM	1269900.000	12.110	17.640	27.603
7747.826	9015.073	5.088	6130.250	129.068
1.003	14.834			
12/16/2015 4:50:00 AM	1270200.000	12.112	17.641	27.606
7747.118	9014.076	5.087	6129.572	129.080
1.003	14.833			
12/16/2015 4:55:00 AM	1270500.000	12.110	17.641	27.602
7746.217	9013.080	5.087	6128.895	129.095
1.003	14.833			
12/16/2015 5:00:00 AM	1270800.000	12.112	17.641	27.607
7746.203	9013.080	5.087	6128.895	129.096
1.003	14.833			
12/16/2015 5:05:00 AM	1271100.000	12.111	17.640	27.605
7747.736	9015.041	5.088	6130.229	129.070
1.003	14.832			
12/16/2015 5:10:00 AM	1271400.000	12.113	17.641	27.609
7746.869	9013.908	5.087	6129.458	129.084
1.003	14.832			
12/16/2015 5:15:00 AM	1271700.000	12.112	17.641	27.607
7746.657	9013.642	5.087	6129.277	129.088
1.003	14.832			
12/16/2015 5:20:00 AM	1272000.000	12.112	17.641	27.608
7746.943	9013.959	5.087	6129.492	129.083
1.003	14.832			
12/16/2015 5:25:00 AM	1272300.000	12.116	17.641	27.616
7745.113	9011.846	5.086	6128.056	129.114
1.003	14.831			
12/16/2015 5:30:00 AM	1272600.000	12.117	17.641	27.618
7747.876	9015.060	5.088	6130.241	129.068
1.003	14.831			
12/16/2015 5:35:00 AM	1272900.000	12.115	17.641	27.613
7746.588	9013.407	5.087	6129.118	129.089
1.003	14.834			
12/16/2015 5:40:00 AM	1273200.000	12.113	17.641	27.608
7746.338	9013.271	5.087	6129.024	129.093
1.003	14.836			
12/16/2015 5:45:00 AM	1273500.000	12.110	17.640	27.602
7746.477	9013.469	5.087	6129.159	129.091
1.003	14.839			
12/16/2015 5:50:00 AM	1273800.000	12.110	17.640	27.603
7746.902	9014.071	5.087	6129.568	129.084
1.003	14.837			
12/16/2015 5:55:00 AM	1274100.000	12.113	17.641	27.609
7745.256	9011.997	5.086	6128.159	129.111
1.003	14.836			
12/16/2015 6:00:00 AM	1274400.000	12.115	17.641	27.614
7744.102	9010.602	5.085	6127.209	129.131
1.003	14.834			
12/16/2015 6:05:00 AM	1274700.000	12.113	17.640	27.609
7745.573	9012.435	5.086	6128.456	129.106
1.003	14.835			
12/16/2015 6:10:00 AM	1275000.000	12.111	17.640	27.606
7745.055	9011.814	5.086	6128.034	129.115
1.003	14.835			
12/16/2015 6:15:00 AM	1275300.000	12.111	17.641	27.605
7745.650	9012.490	5.086	6128.494	129.105

1.003	14.836				
12/16/2015 6:20:00 AM	1275600.000	12.109	17.641	27.600	
7747.105	9014.062	5.087	6129.563	129.080	
1.003	14.837				
12/16/2015 6:25:00 AM	1275900.000	12.109	17.641	27.601	
7746.225	9013.054	5.087	6128.876	129.095	
1.003	14.839				
12/16/2015 6:30:00 AM	1276200.000	12.108	17.641	27.598	
7744.223	9010.776	5.085	6127.329	129.129	
1.003	14.840				
12/16/2015 6:35:00 AM	1276500.000	12.109	17.640	27.601	
7744.576	9011.292	5.086	6127.679	129.123	
1.003	14.837				
12/16/2015 6:40:00 AM	1276800.000	12.113	17.641	27.609	
7746.755	9013.723	5.087	6129.332	129.086	
1.003	14.834				
12/16/2015 6:45:00 AM	1277100.000	12.114	17.641	27.612	
7745.952	9012.771	5.087	6128.685	129.100	
1.003	14.831				
12/16/2015 6:50:00 AM	1277400.000	12.114	17.641	27.610	
7747.764	9014.896	5.088	6130.130	129.070	
1.003	14.831				
12/16/2015 6:55:00 AM	1277700.000	12.114	17.640	27.611	
7745.108	9011.947	5.086	6128.124	129.114	
1.003	14.831				
12/16/2015 7:00:00 AM	1278000.000	12.114	17.641	27.612	
7746.135	9013.001	5.087	6128.841	129.097	
1.003	14.831				
12/16/2015 7:05:00 AM	1278300.000	12.114	17.641	27.611	
7745.181	9011.909	5.086	6128.099	129.113	
1.003	14.833				
12/16/2015 7:10:00 AM	1278600.000	12.112	17.641	27.606	
7746.704	9013.611	5.087	6129.256	129.087	
1.003	14.834				
12/16/2015 7:15:00 AM	1278900.000	12.113	17.641	27.608	
7747.987	9015.156	5.088	6130.306	129.066	
1.003	14.835				
12/16/2015 7:20:00 AM	1279200.000	12.112	17.641	27.608	
7748.191	9015.411	5.088	6130.480	129.062	
1.003	14.837				
12/16/2015 7:25:00 AM	1279500.000	12.112	17.640	27.608	
7747.146	9014.247	5.087	6129.688	129.080	
1.003	14.839				
12/16/2015 7:30:00 AM	1279800.000	12.114	17.640	27.611	
7748.651	9016.033	5.088	6130.903	129.055	
1.003	14.841				
12/16/2015 7:35:00 AM	1280100.000	12.113	17.641	27.609	
7750.526	9018.128	5.090	6132.328	129.023	
1.003	14.840				
12/16/2015 7:40:00 AM	1280400.000	12.114	17.641	27.610	
7745.649	9012.419	5.086	6128.445	129.105	
1.003	14.840				
12/16/2015 7:45:00 AM	1280700.000	12.114	17.641	27.613	
7747.534	9014.577	5.088	6129.913	129.073	
1.003	14.839				
12/16/2015 7:50:00 AM	1281000.000	11.601	17.638	26.442	
6869.911	7993.953	4.473	5435.888	145.562	

1.002	14.840				
12/16/2015 7:55:00 AM	1281300.000	11.602	17.637	26.444	
6825.281	7942.206	4.442	5400.700	146.514	
1.002	14.840				
12/16/2015 8:00:00 AM	1281600.000	11.603	17.637	26.447	
6819.884	7935.895	4.438	5396.409	146.630	
1.002	14.841				
12/16/2015 8:05:00 AM	1281900.000	11.605	17.637	26.450	
6817.266	7932.893	4.436	5394.367	146.686	
1.002	14.841				
12/16/2015 8:10:00 AM	1282200.000	11.606	17.637	26.454	
6819.114	7935.044	4.437	5395.830	146.647	
1.002	14.840				
12/16/2015 8:15:00 AM	1282500.000	11.605	17.637	26.451	
6821.064	7937.253	4.439	5397.332	146.605	
1.002	14.840				
12/16/2015 8:20:00 AM	1282800.000	11.604	17.637	26.449	
6819.052	7934.957	4.437	5395.771	146.648	
1.002	14.842				
12/16/2015 8:25:00 AM	1283100.000	11.604	17.637	26.450	
6819.173	7935.161	4.438	5395.910	146.645	
1.002	14.843				
12/16/2015 8:30:00 AM	1283400.000	11.603	17.637	26.448	
6822.730	7939.238	4.440	5398.682	146.569	
1.002	14.845				
12/16/2015 8:35:00 AM	1283700.000	11.604	17.637	26.448	
6821.340	7937.683	4.439	5397.625	146.599	
1.002	14.845				
12/16/2015 8:40:00 AM	1284000.000	11.603	17.637	26.448	
6822.564	7939.090	4.440	5398.582	146.572	
1.002	14.846				
12/16/2015 8:45:00 AM	1284300.000	11.603	17.637	26.446	
6824.305	7941.070	4.441	5399.928	146.535	
1.002	14.846				
12/16/2015 8:50:00 AM	1284600.000	11.605	17.638	26.451	
6824.409	7941.050	4.441	5399.914	146.533	
1.002	14.847				
12/16/2015 8:55:00 AM	1284900.000	11.604	17.637	26.448	
6822.673	7939.186	4.440	5398.646	146.570	
1.002	14.848				
12/16/2015 9:00:00 AM	1285200.000	11.601	17.637	26.442	
6825.443	7942.379	4.442	5400.818	146.511	
1.002	14.849				
12/16/2015 9:05:00 AM	1285500.000	11.600	17.637	26.439	
6819.165	7935.088	4.437	5395.861	146.646	
1.002	14.852				
12/16/2015 9:10:00 AM	1285800.000	11.598	17.638	26.436	
6819.723	7935.614	4.438	5396.217	146.634	
1.002	14.855				
12/16/2015 9:15:00 AM	1286100.000	11.597	17.637	26.433	
6819.528	7935.451	4.438	5396.107	146.638	
1.002	14.858				
12/16/2015 9:20:00 AM	1286400.000	11.598	17.637	26.435	
6823.115	7939.686	4.440	5398.987	146.561	
1.002	14.857				
12/16/2015 9:25:00 AM	1286700.000	11.599	17.637	26.438	
6822.426	7938.898	4.440	5398.451	146.575	
1.002	14.856				

12/16/2015 9:30:00 AM	1287000.000	11.600	17.638	26.439
6818.152	7933.770	4.437	5394.964	146.667
1.002	14.855			
12/16/2015 9:35:00 AM	1287300.000	11.600	17.637	26.441
6819.063	7934.970	4.437	5395.780	146.648
1.002	14.856			
12/16/2015 9:40:00 AM	1287600.000	11.599	17.637	26.439
6822.158	7938.572	4.440	5398.229	146.581
1.002	14.857			
12/16/2015 9:45:00 AM	1287900.000	11.599	17.637	26.438
6818.676	7934.565	4.437	5395.504	146.656
1.002	14.858			
12/16/2015 9:50:00 AM	1288200.000	11.602	17.638	26.444
6822.243	7938.563	4.440	5398.223	146.579
1.002	14.857			
12/16/2015 9:55:00 AM	1288500.000	11.602	17.637	26.445
6820.749	7936.946	4.439	5397.124	146.611
1.002	14.855			
12/16/2015 10:00:00 AM	1288800.000	11.604	17.637	26.448
6821.645	7937.974	4.439	5397.822	146.592
1.002	14.854			
12/16/2015 10:05:00 AM	1289100.000	11.602	17.638	26.445
6822.112	7938.319	4.439	5398.058	146.582
1.002	14.854			
12/16/2015 10:10:00 AM	1289400.000	11.601	17.637	26.443
6820.183	7936.212	4.438	5396.625	146.624
1.002	14.855			
12/16/2015 10:15:00 AM	1289700.000	11.600	17.638	26.439
6820.151	7936.128	4.438	5396.568	146.624
1.002	14.855			
12/16/2015 10:20:00 AM	1290000.000	11.604	17.638	26.449
6815.042	7930.197	4.435	5392.534	146.734
1.002	14.854			
12/16/2015 10:25:00 AM	1290300.000	11.604	17.638	26.450
6814.847	7929.987	4.434	5392.391	146.738
1.002	14.852			
12/16/2015 10:30:00 AM	1290600.000	11.605	17.638	26.450
6813.977	7928.975	4.434	5391.703	146.757
1.002	14.851			
12/16/2015 10:35:00 AM	1290900.000	11.603	17.638	26.448
6810.128	7924.479	4.431	5388.646	146.840
1.002	14.852			
12/16/2015 10:40:00 AM	1291200.000	11.601	17.637	26.443
6807.230	7921.215	4.429	5386.426	146.903
1.002	14.853			
12/16/2015 10:45:00 AM	1291500.000	11.600	17.638	26.441
6804.804	7918.301	4.427	5384.445	146.955
1.002	14.854			
12/16/2015 10:50:00 AM	1291800.000	11.602	17.638	26.445
6805.574	7919.179	4.428	5385.042	146.938
1.002	14.850			
12/16/2015 10:55:00 AM	1292100.000	11.605	17.637	26.451
6803.311	7916.580	4.426	5383.274	146.987
1.002	14.845			
12/16/2015 11:00:00 AM	1292400.000	11.611	17.638	26.464
6803.321	7916.575	4.426	5383.271	146.987
1.002	14.840			

12/16/2015 11:05:00 AM	1292700.000	11.608	17.637	26.459
6804.407	7917.855	4.427	5384.142	146.964
1.002	14.840			
12/16/2015 11:10:00 AM	1293000.000	11.606	17.637	26.453
6804.452	7917.937	4.427	5384.198	146.963
1.002	14.840			
12/16/2015 11:15:00 AM	1293300.000	11.605	17.638	26.451
6800.175	7912.868	4.424	5380.750	147.055
1.002	14.840			
12/16/2015 11:20:00 AM	1293600.000	11.606	17.637	26.453
6803.973	7917.395	4.427	5383.829	146.973
1.002	14.840			
12/16/2015 11:25:00 AM	1293900.000	11.606	17.638	26.453
6801.824	7914.786	4.425	5382.054	147.019
1.002	14.839			
12/16/2015 11:30:00 AM	1294200.000	11.608	17.638	26.457
6805.583	7919.189	4.428	5385.049	146.938
1.002	14.839			
12/16/2015 11:35:00 AM	1294500.000	11.604	17.637	26.449
6803.437	7916.772	4.427	5383.405	146.985
1.002	14.839			
12/16/2015 11:40:00 AM	1294800.000	11.602	17.638	26.444
6804.932	7918.387	4.427	5384.503	146.952
1.002	14.840			
12/16/2015 11:45:00 AM	1295100.000	11.602	17.638	26.444
6807.306	7921.182	4.429	5386.404	146.901
1.002	14.841			
12/16/2015 11:50:00 AM	1295400.000	11.603	17.638	26.446
6808.030	7922.024	4.430	5386.977	146.885
1.002	14.839			
12/16/2015 11:55:00 AM	1295700.000	11.603	17.638	26.447
6809.821	7924.122	4.431	5388.403	146.847
1.002	14.837			
12/16/2015 12:00:00 PM	1296000.000	11.043	17.636	25.170
8462.189	9847.233	5.594	6696.119	118.173
1.003	14.835			
12/16/2015 12:05:00 PM	1296300.000	11.004	17.689	25.081
17507.396	20348.734	12.257	13837.140	57.119
1.008	14.834			
12/16/2015 12:10:00 PM	1296600.000	11.000	17.702	25.072
19416.592	22561.574	13.715	15341.872	51.502
1.009	14.834			
12/16/2015 12:15:00 PM	1296900.000	10.995	17.703	25.062
19488.355	22644.176	13.770	15398.041	51.313
1.009	14.834			
12/16/2015 12:20:00 PM	1297200.000	10.995	17.704	25.060
19517.756	22678.115	13.793	15421.119	51.235
1.009	14.832			
12/16/2015 12:25:00 PM	1297500.000	10.991	17.704	25.053
19542.262	22706.281	13.811	15440.272	51.171
1.009	14.831			
12/16/2015 12:30:00 PM	1297800.000	10.995	17.704	25.061
19452.240	22601.771	13.742	15369.205	51.408
1.009	14.829			
12/16/2015 12:35:00 PM	1298100.000	10.992	17.704	25.054
19499.469	22656.957	13.779	15406.731	51.283
1.009	14.829			
12/16/2015 12:40:00 PM	1298400.000	10.994	17.705	25.060

19478.746	22631.961	13.762	15389.734	51.338
1.009	14.829			
12/16/2015 12:45:00 PM	1298700.000	10.993	17.707	25.056
19482.115	22635.303	13.764	15392.007	51.329
1.009	14.829			
12/16/2015 12:50:00 PM	1299000.000	10.992	17.707	25.054
19465.910	22616.475	13.752	15379.204	51.372
1.009	14.828			
12/16/2015 12:55:00 PM	1299300.000	11.562	17.701	26.353
18482.117	21476.197	12.998	14603.815	54.106
1.009	14.828			
12/16/2015 1:00:00 PM	1299600.000	12.057	17.699	27.481
18692.838	21721.941	13.160	14770.921	53.496
1.009	14.827			
12/16/2015 1:05:00 PM	1299900.000	12.063	17.690	27.496
17104.211	19879.652	11.950	13518.165	58.465
1.008	14.827			
12/16/2015 1:10:00 PM	1300200.000	12.063	17.680	27.496
14504.580	16861.975	9.995	11466.143	68.944
1.006	14.826			
12/16/2015 1:15:00 PM	1300500.000	12.069	17.666	27.510
10725.952	12473.076	7.215	8481.691	93.232
1.004	14.826			
12/16/2015 1:20:00 PM	1300800.000	12.075	17.659	27.523
10281.371	11957.979	6.894	8131.427	97.263
1.004	14.824			
12/16/2015 1:25:00 PM	1301100.000	12.078	17.656	27.529
9903.660	11519.456	6.622	7833.230	100.973
1.004	14.823			
12/16/2015 1:30:00 PM	1301400.000	12.081	17.654	27.537
9713.814	11299.163	6.486	7683.432	102.946
1.004	14.821			
12/16/2015 1:35:00 PM	1301700.000	12.080	17.653	27.535
9629.522	11201.462	6.425	7616.994	103.847
1.004	14.824			
12/16/2015 1:40:00 PM	1302000.000	12.079	17.652	27.532
9588.620	11154.076	6.396	7584.772	104.290
1.004	14.828			
12/16/2015 1:45:00 PM	1302300.000	12.078	17.652	27.530
9567.873	11129.963	6.381	7568.375	104.516
1.004	14.831			
12/16/2015 1:50:00 PM	1302600.000	12.077	17.651	27.526
9559.620	11120.599	6.375	7562.008	104.607
1.004	14.832			
12/16/2015 1:55:00 PM	1302900.000	12.077	17.650	27.527
9557.173	11117.861	6.374	7560.146	104.633
1.004	14.833			
12/16/2015 2:00:00 PM	1303200.000	12.078	17.650	27.530
9568.283	11130.916	6.382	7569.023	104.512
1.004	14.834			
12/16/2015 2:05:00 PM	1303500.000	12.083	17.649	27.540
9578.610	11143.060	6.389	7577.281	104.399
1.004	14.830			
12/16/2015 2:10:00 PM	1303800.000	12.086	17.649	27.547
9588.308	11154.383	6.396	7584.981	104.294
1.004	14.826			
12/16/2015 2:15:00 PM	1304100.000	12.089	17.649	27.554

9606.936	11176.097	6.410	7599.746	104.091
1.004	14.823			
12/16/2015 2:20:00 PM	1304400.000	12.087	17.649	27.549
9625.808	11198.116	6.423	7614.719	103.887
1.004	14.825			
12/16/2015 2:25:00 PM	1304700.000	12.085	17.649	27.546
9660.571	11238.581	6.448	7642.236	103.514
1.004	14.827			
12/16/2015 2:30:00 PM	1305000.000	12.083	17.649	27.541
9682.414	11264.033	6.464	7659.543	103.280
1.004	14.830			
12/16/2015 2:35:00 PM	1305300.000	12.080	17.648	27.534
9713.978	11300.952	6.487	7684.648	102.944
1.004	14.831			
12/16/2015 2:40:00 PM	1305600.000	12.081	17.648	27.536
9736.276	11326.738	6.503	7702.182	102.709
1.004	14.833			
12/16/2015 2:45:00 PM	1305900.000	12.080	17.648	27.533
9766.740	11362.312	6.525	7726.372	102.388
1.004	14.834			
12/16/2015 2:50:00 PM	1306200.000	12.081	17.648	27.535
9783.928	11382.265	6.537	7739.940	102.208
1.004	14.832			
12/16/2015 2:55:00 PM	1306500.000	12.083	17.648	27.542
9827.467	11432.916	6.568	7774.383	101.756
1.004	14.830			
12/16/2015 3:00:00 PM	1306800.000	12.085	17.648	27.545
9855.604	11465.670	6.589	7796.656	101.465
1.004	14.828			
12/16/2015 3:05:00 PM	1307100.000	12.084	17.648	27.542
9887.302	11502.593	6.611	7821.764	101.140
1.004	14.830			
12/16/2015 3:10:00 PM	1307400.000	12.082	17.649	27.539
9904.224	11522.054	6.624	7834.997	100.967
1.004	14.832			
12/16/2015 3:15:00 PM	1307700.000	12.081	17.648	27.537
9934.115	11557.099	6.645	7858.828	100.663
1.004	14.833			
12/16/2015 3:20:00 PM	1308000.000	12.082	17.648	27.539
9954.484	11580.613	6.660	7874.817	100.457
1.004	14.833			
12/16/2015 3:25:00 PM	1308300.000	12.082	17.648	27.540
9965.134	11593.093	6.668	7883.304	100.350
1.004	14.834			
12/16/2015 3:30:00 PM	1308600.000	12.082	17.648	27.538
9974.312	11603.703	6.674	7890.519	100.258
1.004	14.834			
12/16/2015 3:35:00 PM	1308900.000	12.083	17.648	27.541
9995.590	11628.504	6.689	7907.383	100.044
1.004	14.833			
12/16/2015 3:40:00 PM	1309200.000	12.083	17.647	27.541
10010.083	11645.497	6.700	7918.938	99.899
1.004	14.832			
12/16/2015 3:45:00 PM	1309500.000	12.083	17.648	27.541
10024.589	11662.261	6.710	7930.338	99.755
1.004	14.831			
12/16/2015 3:50:00 PM	1309800.000	12.083	17.648	27.541
10041.080	11681.514	6.722	7943.430	99.591

1.004	14.831			
12/16/2015 3:55:00 PM	1310100.000	12.083	17.648	27.540
10049.782	11691.570	6.729	7950.268	99.505
1.004	14.831			
12/16/2015 4:00:00 PM	1310400.000	12.082	17.647	27.538
10064.993	11709.448	6.740	7962.425	99.354
1.004	14.831			
12/16/2015 4:05:00 PM	1310700.000	12.081	17.648	27.537
10063.860	11707.928	6.739	7961.392	99.365
1.004	14.832			
12/16/2015 4:10:00 PM	1311000.000	12.081	17.648	27.535
10062.682	11706.624	6.738	7960.505	99.377
1.004	14.833			
12/16/2015 4:15:00 PM	1311300.000	12.079	17.648	27.533
10075.525	11721.566	6.747	7970.666	99.250
1.004	14.834			
12/16/2015 4:20:00 PM	1311600.000	12.080	17.647	27.534
10088.606	11736.876	6.757	7981.076	99.122
1.004	14.834			
12/16/2015 4:25:00 PM	1311900.000	12.079	17.647	27.532
10096.696	11746.287	6.762	7987.476	99.042
1.004	14.834			
12/16/2015 4:30:00 PM	1312200.000	12.079	17.647	27.532
10094.673	11743.955	6.761	7985.890	99.062
1.004	14.834			
12/16/2015 4:35:00 PM	1312500.000	12.078	17.647	27.530
10098.249	11748.161	6.764	7988.750	99.027
1.004	14.834			
12/16/2015 4:40:00 PM	1312800.000	12.079	17.647	27.532
10110.194	11762.104	6.772	7998.231	98.910
1.004	14.834			
12/16/2015 4:45:00 PM	1313100.000	12.078	17.648	27.530
10111.334	11763.271	6.773	7999.024	98.899
1.004	14.834			
12/16/2015 4:50:00 PM	1313400.000	12.082	17.647	27.540
10115.606	11768.287	6.776	8002.436	98.857
1.004	14.832			
12/16/2015 4:55:00 PM	1313700.000	12.085	17.647	27.545
10115.451	11768.174	6.776	8002.358	98.859
1.004	14.829			
12/16/2015 5:00:00 PM	1314000.000	12.087	17.647	27.550
10122.079	11775.998	6.781	8007.679	98.794
1.004	14.827			
12/16/2015 5:05:00 PM	1314300.000	12.085	17.647	27.546
10125.749	11780.108	6.783	8010.474	98.758
1.004	14.828			
12/16/2015 5:10:00 PM	1314600.000	12.082	17.647	27.539
10126.736	11781.325	6.784	8011.302	98.748
1.004	14.829			
12/16/2015 5:15:00 PM	1314900.000	12.083	17.647	27.541
10131.343	11786.568	6.787	8014.867	98.704
1.004	14.831			
12/16/2015 5:20:00 PM	1315200.000	12.084	17.647	27.543
10129.293	11784.370	6.786	8013.373	98.724
1.004	14.829			
12/16/2015 5:25:00 PM	1315500.000	12.086	17.647	27.548
10132.191	11787.556	6.788	8015.538	98.695

1.004	14.828			
12/16/2015 5:30:00 PM	1315800.000	12.088	17.647	27.553
10135.185	11791.268	6.790	8018.063	98.666
1.004	14.827			
12/16/2015 5:35:00 PM	1316100.000	12.085	17.647	27.545
10135.590	11791.625	6.791	8018.306	98.662
1.004	14.829			
12/16/2015 5:40:00 PM	1316400.000	12.083	17.647	27.541
10136.989	11793.277	6.792	8019.429	98.649
1.004	14.832			
12/16/2015 5:45:00 PM	1316700.000	12.081	17.647	27.536
10139.216	11795.867	6.793	8021.190	98.627
1.004	14.834			
12/16/2015 5:50:00 PM	1317000.000	12.081	17.647	27.536
10138.617	11795.218	6.793	8020.748	98.633
1.004	14.835			
12/16/2015 5:55:00 PM	1317300.000	12.080	17.647	27.533
10135.675	11791.702	6.791	8018.358	98.661
1.004	14.836			
12/16/2015 6:00:00 PM	1317600.000	12.079	17.647	27.532
10135.582	11791.752	6.791	8018.392	98.662
1.004	14.837			
12/16/2015 6:05:00 PM	1317900.000	12.081	17.647	27.537
10137.958	11794.450	6.792	8020.227	98.639
1.004	14.837			
12/16/2015 6:10:00 PM	1318200.000	12.081	17.646	27.537
10136.706	11793.242	6.792	8019.405	98.651
1.004	14.837			
12/16/2015 6:15:00 PM	1318500.000	12.082	17.646	27.538
10136.527	11792.876	6.791	8019.156	98.653
1.004	14.837			
12/16/2015 6:20:00 PM	1318800.000	12.083	17.646	27.540
10137.781	11794.402	6.792	8020.194	98.641
1.004	14.838			
12/16/2015 6:25:00 PM	1319100.000	12.081	17.646	27.537
10138.239	11794.889	6.793	8020.525	98.636
1.004	14.840			
12/16/2015 6:30:00 PM	1319400.000	12.078	17.646	27.530
10133.011	11788.967	6.789	8016.498	98.687
1.004	14.842			
12/16/2015 6:35:00 PM	1319700.000	12.077	17.646	27.528
10131.781	11787.490	6.788	8015.494	98.699
1.004	14.842			
12/16/2015 6:40:00 PM	1320000.000	12.076	17.646	27.524
10135.604	11791.938	6.791	8018.519	98.662
1.004	14.842			
12/16/2015 6:45:00 PM	1320300.000	12.076	17.646	27.525
10136.058	11792.375	6.791	8018.815	98.658
1.004	14.842			
12/16/2015 6:50:00 PM	1320600.000	12.075	17.646	27.523
10133.061	11788.910	6.789	8016.459	98.687
1.004	14.841			
12/16/2015 6:55:00 PM	1320900.000	12.075	17.646	27.522
10132.296	11787.999	6.788	8015.839	98.694
1.004	14.840			
12/16/2015 7:00:00 PM	1321200.000	12.075	17.646	27.523
10137.397	11794.070	6.792	8019.968	98.645
1.004	14.839			

12/16/2015 7:05:00 PM	1321500.000	12.074	17.645	27.521
10136.866	11793.634	6.792	8019.671	98.650
1.004	14.841			
12/16/2015 7:10:00 PM	1321800.000	12.073	17.645	27.519
10136.080	11792.697	6.791	8019.034	98.657
1.004	14.842			
12/16/2015 7:15:00 PM	1322100.000	12.071	17.645	27.513
10135.225	11791.796	6.791	8018.422	98.666
1.004	14.844			
12/16/2015 7:20:00 PM	1322400.000	12.074	17.645	27.520
10136.152	11792.850	6.791	8019.138	98.657
1.004	14.841			
12/16/2015 7:25:00 PM	1322700.000	12.077	17.645	27.526
10136.394	11793.155	6.792	8019.346	98.654
1.004	14.839			
12/16/2015 7:30:00 PM	1323000.000	12.084	17.644	27.544
10133.444	11789.813	6.789	8017.073	98.683
1.004	14.836			
12/16/2015 7:35:00 PM	1323300.000	12.080	17.645	27.534
10130.091	11785.707	6.787	8014.281	98.716
1.004	14.838			
12/16/2015 7:40:00 PM	1323600.000	12.079	17.645	27.532
10129.243	11784.858	6.786	8013.704	98.724
1.004	14.839			
12/16/2015 7:45:00 PM	1323900.000	12.076	17.644	27.525
10126.405	11781.649	6.784	8011.522	98.752
1.004	14.841			
12/16/2015 7:50:00 PM	1324200.000	12.079	17.644	27.531
10124.983	11779.969	6.783	8010.379	98.766
1.004	14.840			
12/16/2015 7:55:00 PM	1324500.000	12.080	17.644	27.533
10116.022	11769.772	6.777	8003.446	98.853
1.004	14.840			
12/16/2015 8:00:00 PM	1324800.000	12.079	17.644	27.531
10104.709	11756.542	6.769	7994.449	98.964
1.004	14.840			
12/16/2015 8:05:00 PM	1325100.000	12.077	17.643	27.528
10097.732	11748.560	6.764	7989.021	99.032
1.004	14.841			
12/16/2015 8:10:00 PM	1325400.000	12.076	17.643	27.525
10088.501	11737.798	6.757	7981.703	99.123
1.004	14.842			
12/16/2015 8:15:00 PM	1325700.000	12.078	17.644	27.529
10074.021	11720.791	6.747	7970.139	99.265
1.004	14.844			
12/16/2015 8:20:00 PM	1326000.000	12.077	17.643	27.527
10062.769	11707.880	6.739	7961.358	99.376
1.004	14.845			
12/16/2015 8:25:00 PM	1326300.000	12.074	17.644	27.521
10052.608	11695.900	6.731	7953.213	99.477
1.004	14.847			
12/16/2015 8:30:00 PM	1326600.000	12.074	17.643	27.521
10050.366	11693.519	6.730	7951.593	99.499
1.004	14.849			
12/16/2015 8:35:00 PM	1326900.000	12.073	17.643	27.519
10047.902	11690.583	6.728	7949.597	99.523
1.004	14.849			

12/16/2015 8:40:00 PM	1327200.000	12.072	17.644	27.515
10038.531	11679.546	6.721	7942.091	99.616
1.004	14.849			
12/16/2015 8:45:00 PM	1327500.000	12.070	17.643	27.512
10039.431	11680.772	6.722	7942.925	99.607
1.004	14.850			
12/16/2015 8:50:00 PM	1327800.000	12.071	17.643	27.514
10030.629	11670.440	6.715	7935.900	99.695
1.004	14.849			
12/16/2015 8:55:00 PM	1328100.000	12.073	17.643	27.518
10021.191	11659.530	6.709	7928.480	99.789
1.004	14.848			
12/16/2015 9:00:00 PM	1328400.000	12.074	17.644	27.521
10009.985	11646.379	6.701	7919.538	99.900
1.004	14.847			
12/16/2015 9:05:00 PM	1328700.000	12.072	17.643	27.516
10010.202	11646.788	6.701	7919.816	99.898
1.004	14.847			
12/16/2015 9:10:00 PM	1329000.000	12.072	17.644	27.516
10001.272	11636.241	6.694	7912.645	99.987
1.004	14.848			
12/16/2015 9:15:00 PM	1329300.000	12.073	17.643	27.518
9990.227	11623.458	6.686	7903.952	100.098
1.004	14.849			
12/16/2015 9:20:00 PM	1329600.000	12.072	17.643	27.516
9991.122	11624.565	6.687	7904.705	100.089
1.004	14.848			
12/16/2015 9:25:00 PM	1329900.000	12.072	17.644	27.515
9984.424	11616.660	6.682	7899.330	100.156
1.004	14.848			
12/16/2015 9:30:00 PM	1330200.000	12.073	17.643	27.519
9983.892	11616.063	6.682	7898.923	100.161
1.004	14.848			
12/16/2015 9:35:00 PM	1330500.000	12.074	17.644	27.519
9980.991	11612.666	6.680	7896.613	100.190
1.004	14.847			
12/16/2015 9:40:00 PM	1330800.000	12.075	17.643	27.524
9973.978	11604.528	6.675	7891.080	100.261
1.004	14.847			
12/16/2015 9:45:00 PM	1331100.000	12.075	17.644	27.523
9968.073	11597.637	6.670	7886.394	100.320
1.004	14.847			
12/16/2015 9:50:00 PM	1331400.000	12.073	17.643	27.519
9965.211	11594.576	6.668	7884.312	100.349
1.004	14.848			
12/16/2015 9:55:00 PM	1331700.000	12.070	17.643	27.511
9957.205	11585.014	6.662	7877.810	100.430
1.004	14.850			
12/16/2015 10:00:00 PM	1332000.000	12.071	17.643	27.514
9953.971	11581.408	6.660	7875.357	100.462
1.004	14.852			
12/16/2015 10:05:00 PM	1332300.000	12.071	17.643	27.515
9947.605	11573.868	6.656	7870.230	100.527
1.004	14.851			
12/16/2015 10:10:00 PM	1332600.000	12.071	17.643	27.514
9944.794	11570.573	6.654	7867.990	100.555
1.004	14.851			
12/16/2015 10:15:00 PM	1332900.000	12.073	17.643	27.518

9938.018	11562.870	6.649	7862.752	100.624
1.004	14.851			
12/16/2015 10:20:00 PM	1333200.000	12.074	17.643	27.520
9936.036	11560.429	6.647	7861.092	100.644
1.004	14.851			
12/16/2015 10:25:00 PM	1333500.000	12.072	17.643	27.517
9933.518	11557.478	6.645	7859.085	100.669
1.004	14.850			
12/16/2015 10:30:00 PM	1333800.000	12.073	17.643	27.519
9928.279	11551.494	6.642	7855.017	100.722
1.004	14.850			
12/16/2015 10:35:00 PM	1334100.000	12.072	17.643	27.517
9927.145	11550.150	6.641	7854.103	100.734
1.004	14.850			
12/16/2015 10:40:00 PM	1334400.000	12.073	17.643	27.519
9916.469	11537.864	6.633	7845.748	100.842
1.004	14.851			
12/16/2015 10:45:00 PM	1334700.000	12.072	17.643	27.516
9917.555	11538.881	6.634	7846.439	100.831
1.004	14.851			
12/16/2015 10:50:00 PM	1335000.000	12.071	17.643	27.513
9910.656	11530.944	6.629	7841.042	100.901
1.004	14.852			
12/16/2015 10:55:00 PM	1335300.000	12.070	17.643	27.512
9912.106	11532.678	6.630	7842.221	100.887
1.004	14.854			
12/16/2015 11:00:00 PM	1335600.000	12.070	17.643	27.512
9904.198	11523.477	6.624	7835.965	100.967
1.004	14.855			
12/16/2015 11:05:00 PM	1335900.000	12.073	17.643	27.518
9898.192	11516.442	6.620	7831.181	101.029
1.004	14.853			
12/16/2015 11:10:00 PM	1336200.000	12.073	17.643	27.517
9900.178	11518.909	6.622	7832.858	101.008
1.004	14.852			
12/16/2015 11:15:00 PM	1336500.000	12.074	17.643	27.520
9892.022	11509.310	6.616	7826.331	101.092
1.004	14.851			
12/16/2015 11:20:00 PM	1336800.000	12.072	17.643	27.515
9891.658	11508.841	6.615	7826.012	101.095
1.004	14.851			
12/16/2015 11:25:00 PM	1337100.000	12.075	17.643	27.522
9877.986	11493.070	6.606	7815.289	101.235
1.004	14.851			
12/16/2015 11:30:00 PM	1337400.000	12.074	17.643	27.520
9874.831	11489.329	6.603	7812.744	101.268
1.004	14.851			
12/16/2015 11:35:00 PM	1337700.000	12.077	17.643	27.527
9868.595	11482.028	6.599	7807.780	101.332
1.004	14.851			
12/16/2015 11:40:00 PM	1338000.000	12.072	17.642	27.516
9861.021	11473.396	6.593	7801.910	101.409
1.004	14.851			
12/16/2015 11:45:00 PM	1338300.000	12.073	17.642	27.518
9858.189	11470.213	6.591	7799.745	101.439
1.004	14.852			
12/16/2015 11:50:00 PM	1338600.000	12.071	17.643	27.514

9855.886	11467.310	6.590	7797.771	101.462
1.004	14.854			
12/16/2015 11:55:00 PM	1338900.000	12.069	17.642	27.510
9846.434	11456.443	6.583	7790.382	101.560
1.004	14.856			

Report Date: 12/18/2015 1:48:05 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-5D Pre Test_2015-12-17_09-50-00-946-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

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

12/18/2015 1:45:57 PM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 1527

Sensors: 2

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

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft	
Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft	
658.7ft		658.7ft		658.7ft	
Sensor: PCTD(A) 658.7ft		Sensor: PCTD(A) 658.7ft		Sensor: Baro-Adj Calc	
SN#: 398697		SN#: 398697		SN#: 398697	
398697		398697		398697	
SN#: 398697		SN#: 398697		SN#: 398697	
SN#: 398697		SN#: 000000			
Elapsed Time		Corrected		Corrected	
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			

12/10/2015 12:00:00 AM	734400.000	144.501	21.350	329.363
4967.522	5339.772	2.915	3.631	201.308
1.000	14.747			
12/10/2015 12:15:00 AM	735300.000	144.503	21.354	329.366
4967.644	5339.471	2.915	3.631	201.303
1.000	14.741			
12/10/2015 12:30:00 AM	736200.000	144.504	21.348	329.370
4965.929	5338.300	2.914	3.630	201.372
1.000	14.746			
12/10/2015 12:45:00 AM	737100.000	144.514	21.346	329.391
4966.334	5338.967	2.914	3.630	201.356
1.000	14.741			
12/10/2015 1:00:00 AM	738000.000	144.516	21.352	329.396
4965.898	5337.854	2.914	3.630	201.373
1.000	14.733			
12/10/2015 1:15:00 AM	738900.000	144.519	21.350	329.404
4966.716	5338.887	2.914	3.630	201.340
1.000	14.725			
12/10/2015 1:30:00 AM	739800.000	144.535	21.349	329.439
4966.941	5339.236	2.915	3.631	201.331
1.000	14.715			
12/10/2015 1:45:00 AM	740700.000	144.529	21.355	329.425
4968.252	5340.030	2.915	3.631	201.278
1.000	14.717			
12/10/2015 2:00:00 AM	741600.000	144.531	21.349	329.430
4966.675	5338.969	2.914	3.630	201.342
1.000	14.725			
12/10/2015 2:15:00 AM	742500.000	144.533	21.355	329.436
4967.500	5339.230	2.915	3.631	201.309
1.000	14.726			
12/10/2015 2:30:00 AM	743400.000	144.534	21.357	329.438
4968.406	5339.935	2.915	3.631	201.272
1.000	14.729			
12/10/2015 2:45:00 AM	744300.000	144.540	21.349	329.452
4966.735	5338.994	2.914	3.631	201.340
1.000	14.723			
12/10/2015 3:00:00 AM	745200.000	144.555	21.347	329.485
4967.332	5339.914	2.915	3.631	201.315
1.000	14.718			
12/10/2015 3:15:00 AM	746100.000	144.554	21.356	329.483
4968.286	5339.920	2.915	3.631	201.277
1.000	14.707			
12/10/2015 3:30:00 AM	747000.000	144.560	21.353	329.496
4967.396	5339.349	2.915	3.631	201.313
1.000	14.710			
12/10/2015 3:45:00 AM	747900.000	144.555	21.354	329.487
4967.767	5339.612	2.915	3.631	201.298
1.000	14.708			
12/10/2015 4:00:00 AM	748800.000	144.559	21.350	329.494
4965.395	5337.515	2.914	3.630	201.394
1.000	14.710			
12/10/2015 4:15:00 AM	749700.000	144.574	21.354	329.529
4966.771	5338.504	2.914	3.630	201.338
1.000	14.705			

12/10/2015 4:30:00 AM	750600.000	144.567	21.349	329.513
4965.595	5337.875	2.914	3.630	201.386
1.000	14.700			
12/10/2015 4:45:00 AM	751500.000	144.538	21.354	329.446
4966.731	5338.547	2.914	3.630	201.340
1.000	14.699			
12/10/2015 5:00:00 AM	752400.000	144.574	21.351	329.529
4966.031	5338.103	2.914	3.630	201.368
1.000	14.691			
12/10/2015 5:15:00 AM	753300.000	144.578	21.345	329.538
4965.207	5337.850	2.914	3.630	201.401
1.000	14.693			
12/10/2015 5:30:00 AM	754200.000	144.587	21.354	329.557
4967.167	5338.949	2.914	3.630	201.322
1.000	14.692			
12/10/2015 5:45:00 AM	755100.000	144.592	21.356	329.570
4967.700	5339.272	2.915	3.631	201.300
1.000	14.693			
12/10/2015 6:00:00 AM	756000.000	144.597	21.358	329.580
4968.435	5339.879	2.915	3.631	201.271
1.000	14.700			
12/10/2015 6:15:00 AM	756900.000	144.587	21.351	329.559
4967.727	5339.849	2.915	3.631	201.299
1.000	14.703			
12/10/2015 6:30:00 AM	757800.000	144.596	21.352	329.579
4967.803	5339.882	2.915	3.631	201.296
1.000	14.701			
12/10/2015 6:45:00 AM	758700.000	144.598	21.351	329.583
4968.640	5340.830	2.915	3.632	201.262
1.000	14.697			
12/10/2015 7:00:00 AM	759600.000	144.604	21.355	329.596
4969.591	5341.458	2.916	3.632	201.224
1.000	14.692			
12/10/2015 7:15:00 AM	760500.000	144.604	21.353	329.598
4971.497	5343.689	2.917	3.634	201.147
1.000	14.696			
12/10/2015 7:30:00 AM	761400.000	144.610	21.355	329.612
4970.789	5342.737	2.917	3.633	201.175
1.000	14.692			
12/10/2015 7:45:00 AM	762300.000	144.620	21.349	329.633
4971.990	5344.729	2.918	3.634	201.127
1.000	14.693			
12/10/2015 8:00:00 AM	763200.000	144.619	21.349	329.632
4972.446	5345.143	2.918	3.635	201.108
1.000	14.697			
12/10/2015 8:15:00 AM	764100.000	144.591	21.348	329.567
4972.187	5345.017	2.918	3.635	201.119
1.000	14.694			
12/10/2015 8:30:00 AM	765000.000	144.634	21.347	329.666
4973.288	5346.327	2.919	3.636	201.074
1.000	14.714			
12/10/2015 8:45:00 AM	765900.000	144.644	21.356	329.688
4976.116	5348.336	2.920	3.637	200.960
1.000	14.708			
12/10/2015 9:00:00 AM	766800.000	144.634	21.353	329.665

4975.498	5348.038	2.920	3.637	200.985
1.000	14.713			
12/10/2015 9:15:00 AM	767700.000	144.643	21.354	329.686
4974.971	5347.327	2.919	3.636	201.006
1.000	14.716			
12/10/2015 9:30:00 AM	768600.000	144.650	21.350	329.703
4975.337	5348.134	2.920	3.637	200.991
1.000	14.720			
12/10/2015 9:45:00 AM	769500.000	144.638	21.356	329.674
4976.210	5348.418	2.920	3.637	200.956
1.000	14.724			
12/10/2015 10:00:00 AM	770400.000	144.649	21.355	329.701
4976.908	5349.284	2.920	3.638	200.928
1.000	14.720			
12/10/2015 10:15:00 AM	771300.000	144.660	21.360	329.725
4979.125	5351.157	2.921	3.639	200.839
1.000	14.719			
12/10/2015 10:30:00 AM	772200.000	144.651	21.356	329.705
4978.601	5351.075	2.921	3.639	200.860
1.000	14.732			
12/10/2015 10:45:00 AM	773100.000	144.662	21.350	329.729
4978.134	5351.219	2.921	3.639	200.878
1.000	14.720			
12/10/2015 11:00:00 AM	774000.000	144.678	21.347	329.765
4977.996	5351.330	2.922	3.639	200.884
1.000	14.706			
12/10/2015 11:15:00 AM	774900.000	144.679	21.347	329.768
4977.965	5351.316	2.922	3.639	200.885
1.000	14.706			
12/10/2015 11:30:00 AM	775800.000	144.688	21.347	329.788
4977.945	5351.265	2.921	3.639	200.886
1.000	14.717			
12/10/2015 11:45:00 AM	776700.000	144.683	21.355	329.778
4978.900	5351.416	2.922	3.639	200.848
1.000	14.712			
12/10/2015 12:00:00 PM	777600.000	144.692	21.356	329.798
4978.540	5350.932	2.921	3.639	200.862
1.000	14.713			
12/10/2015 12:15:00 PM	778500.000	144.688	21.355	329.788
4978.865	5351.427	2.922	3.639	200.849
1.000	14.709			
12/10/2015 12:30:00 PM	779400.000	144.661	21.356	329.728
4979.256	5351.760	2.922	3.639	200.833
1.000	14.711			
12/10/2015 12:45:00 PM	780300.000	144.700	21.349	329.815
4981.375	5354.732	2.924	3.641	200.748
1.000	14.709			
12/10/2015 1:00:00 PM	781200.000	144.707	21.350	329.832
4980.281	5353.526	2.923	3.640	200.792
1.000	14.705			
12/10/2015 1:15:00 PM	782100.000	144.710	21.357	329.838
4980.440	5352.927	2.922	3.640	200.785
1.000	14.696			
12/10/2015 1:30:00 PM	783000.000	144.710	21.352	329.840
4982.290	5355.493	2.924	3.642	200.711

1.000	14.695			
12/10/2015 1:45:00 PM	783900.000	144.683	21.347	329.777
4982.357	5356.057	2.924	3.642	200.708
1.000	14.699			
12/10/2015 2:00:00 PM	784800.000	144.712	21.348	329.843
4981.866	5355.403	2.924	3.642	200.728
1.000	14.698			
12/10/2015 2:15:00 PM	785700.000	144.717	21.347	329.856
4982.721	5356.496	2.925	3.642	200.694
1.000	14.692			
12/10/2015 2:30:00 PM	786600.000	144.724	21.353	329.871
4984.764	5357.949	2.925	3.643	200.611
1.000	14.690			
12/10/2015 2:45:00 PM	787500.000	144.724	21.352	329.870
4985.653	5359.051	2.926	3.644	200.576
1.000	14.691			
12/10/2015 3:00:00 PM	788400.000	144.722	21.351	329.866
4985.903	5359.387	2.926	3.644	200.565
1.000	14.697			
12/10/2015 3:15:00 PM	789300.000	144.695	21.346	329.804
4985.886	5359.947	2.927	3.645	200.566
1.000	14.690			
12/10/2015 3:30:00 PM	790200.000	144.715	21.348	329.850
4985.858	5359.733	2.926	3.645	200.567
1.000	14.698			
12/10/2015 3:45:00 PM	791100.000	144.736	21.347	329.899
4986.618	5360.666	2.927	3.645	200.537
1.000	14.693			
12/10/2015 4:00:00 PM	792000.000	144.731	21.345	329.886
4984.832	5358.890	2.926	3.644	200.609
1.000	14.685			
12/10/2015 4:15:00 PM	792900.000	144.723	21.354	329.868
4985.735	5358.964	2.926	3.644	200.572
1.000	14.692			
12/10/2015 4:30:00 PM	793800.000	144.728	21.354	329.880
4987.975	5361.333	2.927	3.646	200.482
1.000	14.689			
12/10/2015 4:45:00 PM	794700.000	144.717	21.357	329.855
4989.888	5363.091	2.928	3.647	200.405
1.000	14.694			
12/10/2015 5:00:00 PM	795600.000	144.732	21.352	329.888
4989.039	5362.651	2.928	3.647	200.439
1.000	14.686			
12/10/2015 5:15:00 PM	796500.000	144.734	21.349	329.893
4988.786	5362.698	2.928	3.647	200.450
1.000	14.683			
12/10/2015 5:30:00 PM	797400.000	144.698	21.350	329.811
4989.882	5363.837	2.929	3.647	200.406
1.000	14.689			
12/10/2015 5:45:00 PM	798300.000	144.729	21.352	329.882
4991.896	5365.800	2.930	3.649	200.325
1.000	14.688			
12/10/2015 6:00:00 PM	799200.000	144.728	21.351	329.879
4990.983	5364.848	2.929	3.648	200.361
1.000	14.687			

12/10/2015 6:15:00 PM	800100.000	144.690	21.348	329.792
4991.786	5366.066	2.930	3.649	200.329
1.000	14.684			
12/10/2015 6:30:00 PM	801000.000	144.725	21.348	329.873
4991.726	5365.973	2.930	3.649	200.332
1.000	14.684			
12/10/2015 6:45:00 PM	801900.000	144.714	21.354	329.849
4992.935	5366.713	2.930	3.649	200.283
1.000	14.685			
12/10/2015 7:00:00 PM	802800.000	144.725	21.354	329.873
4992.323	5366.055	2.930	3.649	200.308
1.000	14.678			
12/10/2015 7:15:00 PM	803700.000	144.735	21.351	329.896
4992.693	5366.714	2.930	3.649	200.293
1.000	14.674			
12/10/2015 7:30:00 PM	804600.000	144.682	21.350	329.774
4992.267	5366.392	2.930	3.649	200.310
1.000	14.690			
12/10/2015 7:45:00 PM	805500.000	144.728	21.353	329.880
4991.047	5364.742	2.929	3.648	200.359
1.000	14.684			
12/10/2015 8:00:00 PM	806400.000	144.680	21.347	329.770
4991.911	5366.366	2.930	3.649	200.324
1.000	14.690			
12/10/2015 8:15:00 PM	807300.000	144.727	21.354	329.877
4992.526	5366.253	2.930	3.649	200.299
1.000	14.682			
12/10/2015 8:30:00 PM	808200.000	144.713	21.355	329.845
4993.948	5367.609	2.931	3.650	200.242
1.000	14.691			
12/10/2015 8:45:00 PM	809100.000	144.717	21.351	329.854
4995.832	5370.087	2.932	3.652	200.167
1.000	14.688			
12/10/2015 9:00:00 PM	810000.000	144.723	21.353	329.867
4995.036	5369.049	2.932	3.651	200.199
1.000	14.685			
12/10/2015 9:15:00 PM	810900.000	144.726	21.356	329.876
4996.586	5370.377	2.933	3.652	200.137
1.000	14.684			
12/10/2015 9:30:00 PM	811800.000	144.729	21.349	329.882
4994.534	5368.886	2.932	3.651	200.219
1.000	14.679			
12/10/2015 9:45:00 PM	812700.000	144.729	21.358	329.881
4996.162	5369.728	2.932	3.651	200.154
1.000	14.677			
12/10/2015 10:00:00 PM	813600.000	144.735	21.356	329.896
4998.005	5371.863	2.933	3.653	200.080
1.000	14.682			
12/10/2015 10:15:00 PM	814500.000	144.724	21.352	329.870
4997.293	5371.582	2.933	3.653	200.108
1.000	14.679			
12/10/2015 10:30:00 PM	815400.000	144.733	21.351	329.891
4997.171	5371.576	2.933	3.653	200.113
1.000	14.679			
12/10/2015 10:45:00 PM	816300.000	144.735	21.349	329.897

4996.164	5370.735	2.933	3.652	200.154
1.000	14.678			
12/10/2015 11:00:00 PM	817200.000	144.736	21.357	329.897
4997.771	5371.544	2.933	3.653	200.089
1.000	14.676			
12/10/2015 11:15:00 PM	818100.000	144.702	21.353	329.822
4996.715	5370.805	2.933	3.652	200.131
1.000	14.673			
12/10/2015 11:30:00 PM	819000.000	144.706	21.356	329.830
4996.941	5370.719	2.933	3.652	200.122
1.000	14.672			
12/10/2015 11:45:00 PM	819900.000	144.747	21.354	329.923
4997.220	5371.281	2.933	3.652	200.111
1.000	14.659			
12/11/2015 12:00:00 AM	820800.000	144.756	21.353	329.945
4996.808	5370.905	2.933	3.652	200.128
1.000	14.677			
12/11/2015 12:15:00 AM	821700.000	144.756	21.352	329.945
4997.542	5371.888	2.934	3.653	200.098
1.000	14.675			
12/11/2015 12:30:00 AM	822600.000	144.764	21.349	329.961
4998.095	5372.791	2.934	3.653	200.076
1.000	14.671			
12/11/2015 12:45:00 AM	823500.000	144.767	21.350	329.970
4998.621	5373.241	2.934	3.654	200.055
1.000	14.676			
12/11/2015 1:00:00 AM	824400.000	144.769	21.346	329.974
4998.680	5373.769	2.935	3.654	200.053
1.000	14.666			
12/11/2015 1:15:00 AM	825300.000	144.780	21.353	329.998
4990.878	5364.561	2.929	3.648	200.366
1.000	14.663			
12/11/2015 1:30:00 AM	826200.000	144.774	21.349	329.984
5000.566	5375.370	2.936	3.655	199.977
1.000	14.666			
12/11/2015 1:45:00 AM	827100.000	144.779	21.354	329.996
5000.472	5374.709	2.935	3.655	199.981
1.000	14.671			
12/11/2015 2:00:00 AM	828000.000	144.797	21.356	330.036
4999.872	5373.879	2.935	3.654	200.005
1.000	14.667			
12/11/2015 2:15:00 AM	828900.000	144.787	21.350	330.014
4998.000	5372.555	2.934	3.653	200.080
1.000	14.667			
12/11/2015 2:30:00 AM	829800.000	144.803	21.345	330.050
4999.240	5374.446	2.935	3.655	200.030
1.000	14.666			
12/11/2015 2:45:00 AM	830700.000	144.798	21.354	330.039
4999.853	5374.148	2.935	3.654	200.006
1.000	14.663			
12/11/2015 3:00:00 AM	831600.000	144.806	21.352	330.058
4998.298	5372.671	2.934	3.653	200.068
1.000	14.658			
12/11/2015 3:15:00 AM	832500.000	144.806	21.348	330.057
4999.322	5374.196	2.935	3.654	200.027

1.000	14.660			
12/11/2015 3:30:00 AM	833400.000	144.815	21.349	330.078
4999.404	5374.150	2.935	3.654	200.024
1.000	14.661			
12/11/2015 3:45:00 AM	834300.000	144.821	21.350	330.092
4999.271	5373.959	2.935	3.654	200.029
1.000	14.649			
12/11/2015 4:00:00 AM	835200.000	144.828	21.346	330.107
5000.710	5375.922	2.936	3.656	199.972
1.000	14.652			
12/11/2015 4:15:00 AM	836100.000	144.786	21.355	330.011
5000.655	5374.858	2.935	3.655	199.974
1.000	14.651			
12/11/2015 4:30:00 AM	837000.000	144.824	21.350	330.099
5001.938	5376.758	2.936	3.656	199.923
1.000	14.650			
12/11/2015 4:45:00 AM	837900.000	144.837	21.353	330.128
5002.013	5376.519	2.936	3.656	199.920
1.000	14.649			
12/11/2015 5:00:00 AM	838800.000	144.812	21.352	330.071
5001.078	5375.679	2.936	3.655	199.957
1.000	14.639			
12/11/2015 5:15:00 AM	839700.000	144.842	21.353	330.139
5001.192	5375.647	2.936	3.655	199.952
1.000	14.644			
12/11/2015 5:30:00 AM	840600.000	144.849	21.352	330.155
5001.719	5376.300	2.936	3.656	199.931
1.000	14.642			
12/11/2015 5:45:00 AM	841500.000	144.856	21.349	330.172
5003.086	5378.146	2.937	3.657	199.877
1.000	14.643			
12/11/2015 6:00:00 AM	842400.000	144.867	21.353	330.197
5003.685	5378.336	2.937	3.657	199.853
1.000	14.650			
12/11/2015 6:15:00 AM	843300.000	144.830	21.347	330.112
5004.663	5380.074	2.938	3.658	199.814
1.000	14.659			
12/11/2015 6:30:00 AM	844200.000	144.838	21.349	330.131
5006.413	5381.714	2.939	3.660	199.744
1.000	14.655			
12/11/2015 6:45:00 AM	845100.000	144.872	21.350	330.209
5008.168	5383.435	2.940	3.661	199.674
1.000	14.659			
12/11/2015 7:00:00 AM	846000.000	144.876	21.349	330.217
5007.308	5382.715	2.940	3.660	199.708
1.000	14.657			
12/11/2015 7:15:00 AM	846900.000	144.871	21.350	330.205
5006.618	5381.856	2.939	3.660	199.736
1.000	14.671			
12/11/2015 7:30:00 AM	847800.000	144.874	21.350	330.213
5006.746	5381.896	2.939	3.660	199.731
1.000	14.671			
12/11/2015 7:45:00 AM	848700.000	144.875	21.358	330.215
5009.383	5383.938	2.941	3.661	199.625
1.000	14.669			

12/11/2015 8:00:00 AM	849600.000	144.891	21.350	330.252
5008.425	5383.730	2.940	3.661	199.664
1.000	14.665			
12/11/2015 8:15:00 AM	850500.000	144.899	21.355	330.270
5009.519	5384.422	2.941	3.661	199.620
1.000	14.669			
12/11/2015 8:30:00 AM	851400.000	144.896	21.355	330.262
5010.290	5385.251	2.941	3.662	199.589
1.000	14.679			
12/11/2015 8:45:00 AM	852300.000	144.891	21.352	330.251
5009.956	5385.192	2.941	3.662	199.603
1.000	14.683			
12/11/2015 9:00:00 AM	853200.000	144.862	21.353	330.185
5010.887	5386.096	2.942	3.663	199.565
1.000	14.682			
12/11/2015 9:15:00 AM	854100.000	144.900	21.353	330.271
5011.093	5386.318	2.942	3.663	199.557
1.000	14.693			
12/11/2015 9:30:00 AM	855000.000	144.905	21.359	330.284
5012.839	5387.515	2.943	3.664	199.488
1.000	14.690			
12/11/2015 9:45:00 AM	855900.000	144.909	21.353	330.292
5011.148	5386.377	2.942	3.663	199.555
1.000	14.694			
12/11/2015 10:00:00 AM	856800.000	144.880	21.352	330.226
5010.674	5385.994	2.942	3.662	199.574
1.000	14.691			
12/11/2015 10:15:00 AM	857700.000	144.915	21.356	330.305
5013.460	5388.522	2.943	3.664	199.463
1.000	14.697			
12/11/2015 10:30:00 AM	858600.000	144.933	21.354	330.346
5014.193	5389.504	2.944	3.665	199.434
1.000	14.694			
12/11/2015 10:45:00 AM	859500.000	144.937	21.346	330.355
5013.058	5389.186	2.944	3.665	199.479
1.000	14.701			
12/11/2015 11:00:00 AM	860400.000	144.925	21.357	330.330
5013.166	5388.109	2.943	3.664	199.475
1.000	14.700			
12/11/2015 11:15:00 AM	861300.000	144.932	21.351	330.345
5014.109	5389.715	2.944	3.665	199.437
1.000	14.703			
12/11/2015 11:30:00 AM	862200.000	144.936	21.351	330.354
5015.369	5391.060	2.945	3.666	199.387
1.000	14.700			
12/11/2015 11:45:00 AM	863100.000	144.944	21.350	330.373
5015.138	5391.014	2.945	3.666	199.396
1.000	14.698			
12/11/2015 12:00:00 PM	864000.000	144.940	21.352	330.363
5014.854	5390.497	2.944	3.666	199.408
1.000	14.701			
12/11/2015 12:15:00 PM	864900.000	144.956	21.354	330.400
5015.867	5391.294	2.945	3.666	199.367
1.000	14.695			
12/11/2015 12:30:00 PM	865800.000	144.961	21.356	330.410

5016.395	5391.667	2.945	3.666	199.346
1.000	14.694			
12/11/2015 12:45:00 PM	866700.000	144.917	21.355	330.310
5015.561	5390.820	2.945	3.666	199.379
1.000	14.696			
12/11/2015 1:00:00 PM	867600.000	144.964	21.355	330.418
5016.874	5392.279	2.945	3.667	199.327
1.000	14.689			
12/11/2015 1:15:00 PM	868500.000	144.960	21.357	330.408
5016.877	5392.060	2.945	3.667	199.327
1.000	14.691			
12/11/2015 1:30:00 PM	869400.000	144.960	21.357	330.409
5018.947	5394.275	2.947	3.668	199.245
1.000	14.696			
12/11/2015 1:45:00 PM	870300.000	144.967	21.356	330.425
5018.664	5394.126	2.946	3.668	199.256
1.000	14.694			
12/11/2015 2:00:00 PM	871200.000	144.969	21.353	330.430
5019.073	5394.915	2.947	3.669	199.240
1.000	14.691			
12/11/2015 2:15:00 PM	872100.000	144.981	21.357	330.457
5018.822	5394.140	2.946	3.668	199.250
1.000	14.691			
12/11/2015 2:30:00 PM	873000.000	144.977	21.357	330.448
5018.832	5394.132	2.946	3.668	199.250
1.000	14.690			
12/11/2015 2:45:00 PM	873900.000	144.989	21.354	330.476
5018.308	5393.917	2.946	3.668	199.270
1.000	14.690			
12/11/2015 3:00:00 PM	874800.000	144.949	21.350	330.384
5017.355	5393.379	2.946	3.667	199.308
1.000	14.686			
12/11/2015 3:15:00 PM	875700.000	144.989	21.346	330.474
5018.485	5395.020	2.947	3.669	199.263
1.000	14.688			
12/11/2015 3:30:00 PM	876600.000	144.984	21.353	330.464
5019.165	5394.936	2.947	3.669	199.236
1.000	14.697			
12/11/2015 3:45:00 PM	877500.000	144.980	21.352	330.454
5019.997	5395.986	2.948	3.669	199.203
1.000	14.701			
12/11/2015 4:00:00 PM	878400.000	144.981	21.349	330.456
5021.388	5397.792	2.949	3.670	199.148
1.000	14.700			
12/11/2015 4:15:00 PM	879300.000	144.978	21.357	330.450
5023.169	5398.793	2.949	3.671	199.078
1.000	14.704			
12/11/2015 4:30:00 PM	880200.000	144.976	21.357	330.444
5023.472	5399.206	2.949	3.671	199.066
1.000	14.705			
12/11/2015 4:45:00 PM	881100.000	144.970	21.354	330.432
5022.624	5398.547	2.949	3.671	199.099
1.000	14.712			
12/11/2015 5:00:00 PM	882000.000	144.973	21.348	330.438
5021.641	5398.189	2.949	3.671	199.138

1.000	14.715			
12/11/2015 5:15:00 PM	882900.000	144.977	21.351	330.448
5021.523	5397.742	2.949	3.670	199.143
1.000	14.712			
12/11/2015 5:30:00 PM	883800.000	144.976	21.359	330.444
5023.411	5398.877	2.949	3.671	199.068
1.000	14.715			
12/11/2015 5:45:00 PM	884700.000	144.973	21.358	330.439
5024.198	5399.773	2.950	3.672	199.037
1.000	14.715			
12/11/2015 6:00:00 PM	885600.000	144.976	21.350	330.446
5022.491	5398.841	2.949	3.671	199.104
1.000	14.717			
12/11/2015 6:15:00 PM	886500.000	144.970	21.356	330.431
5024.322	5400.216	2.950	3.672	199.032
1.000	14.720			
12/11/2015 6:30:00 PM	887400.000	144.962	21.355	330.414
5021.799	5397.564	2.948	3.670	199.132
1.000	14.731			
12/11/2015 6:45:00 PM	888300.000	144.962	21.360	330.412
5023.305	5398.619	2.949	3.671	199.072
1.000	14.728			
12/11/2015 7:00:00 PM	889200.000	144.959	21.358	330.407
5023.716	5399.314	2.949	3.672	199.056
1.000	14.730			
12/11/2015 7:15:00 PM	890100.000	144.963	21.359	330.416
5024.327	5399.853	2.950	3.672	199.032
1.000	14.728			
12/11/2015 7:30:00 PM	891000.000	144.955	21.352	330.396
5024.291	5400.640	2.950	3.672	199.033
1.000	14.727			
12/11/2015 7:45:00 PM	891900.000	144.964	21.358	330.418
5024.656	5400.353	2.950	3.672	199.019
1.000	14.725			
12/11/2015 8:00:00 PM	892800.000	144.952	21.361	330.391
5025.226	5400.644	2.950	3.672	198.996
1.000	14.735			
12/11/2015 8:15:00 PM	893700.000	144.954	21.355	330.395
5024.993	5401.045	2.950	3.673	199.005
1.000	14.732			
12/11/2015 8:30:00 PM	894600.000	144.958	21.353	330.405
5025.135	5401.430	2.951	3.673	199.000
1.000	14.738			
12/11/2015 8:45:00 PM	895500.000	144.951	21.361	330.387
5026.054	5401.515	2.951	3.673	198.963
1.000	14.733			
12/11/2015 9:00:00 PM	896400.000	144.954	21.355	330.396
5025.986	5402.123	2.951	3.673	198.966
1.000	14.731			
12/11/2015 9:15:00 PM	897300.000	144.921	21.348	330.320
5024.664	5401.390	2.951	3.673	199.018
1.000	14.738			
12/11/2015 9:30:00 PM	898200.000	144.943	21.352	330.370
5023.457	5399.695	2.950	3.672	199.066
1.000	14.743			

12/11/2015 9:45:00 PM	899100.000	144.961	21.347	330.410
5023.615	5400.409	2.950	3.672	199.060
1.000	14.737			
12/11/2015 10:00:00 PM	900000.000	144.938	21.349	330.358
5024.630	5401.257	2.951	3.673	199.020
1.000	14.746			
12/11/2015 10:15:00 PM	900900.000	144.914	21.355	330.304
5024.564	5400.574	2.950	3.672	199.022
1.000	14.744			
12/11/2015 10:30:00 PM	901800.000	144.948	21.352	330.382
5024.219	5400.505	2.950	3.672	199.036
1.000	14.745			
12/11/2015 10:45:00 PM	902700.000	144.951	21.351	330.387
5024.449	5400.829	2.950	3.673	199.027
1.000	14.747			
12/11/2015 11:00:00 PM	903600.000	144.947	21.352	330.379
5025.462	5401.841	2.951	3.673	198.987
1.000	14.746			
12/11/2015 11:15:00 PM	904500.000	144.922	21.350	330.321
5026.360	5402.980	2.952	3.674	198.951
1.000	14.745			
12/11/2015 11:30:00 PM	905400.000	144.913	21.357	330.301
5028.659	5404.781	2.953	3.675	198.860
1.000	14.748			
12/11/2015 11:45:00 PM	906300.000	144.953	21.353	330.392
5027.141	5403.558	2.952	3.674	198.920
1.000	14.752			
12/12/2015 12:00:00 AM	907200.000	144.952	21.359	330.391
5027.796	5403.552	2.952	3.674	198.894
1.000	14.752			
12/12/2015 12:15:00 AM	908100.000	144.960	21.355	330.408
5026.775	5402.902	2.952	3.674	198.935
1.000	14.752			
12/12/2015 12:30:00 AM	909000.000	144.960	21.350	330.409
5026.096	5402.785	2.951	3.674	198.962
1.000	14.745			
12/12/2015 12:45:00 AM	909900.000	144.954	21.352	330.395
5026.336	5402.741	2.951	3.674	198.952
1.000	14.760			
12/12/2015 1:00:00 AM	910800.000	144.968	21.354	330.427
5025.798	5401.998	2.951	3.673	198.973
1.000	14.755			
12/12/2015 1:15:00 AM	911700.000	144.965	21.352	330.420
5025.493	5401.845	2.951	3.673	198.985
1.000	14.756			
12/12/2015 1:30:00 AM	912600.000	144.961	21.353	330.410
5026.006	5402.308	2.951	3.674	198.965
1.000	14.761			
12/12/2015 1:45:00 AM	913500.000	145.003	21.354	330.507
5026.741	5403.020	2.952	3.674	198.936
1.000	14.767			
12/12/2015 2:00:00 AM	914400.000	144.982	21.360	330.458
5027.609	5403.312	2.952	3.674	198.902
1.000	14.762			
12/12/2015 2:15:00 AM	915300.000	144.947	21.350	330.379

5026.567	5403.262	2.952	3.674	198.943
1.000	14.762			
12/12/2015 2:30:00 AM	916200.000	144.984	21.348	330.464
5025.607	5402.491	2.951	3.674	198.981
1.000	14.765			
12/12/2015 2:45:00 AM	917100.000	144.974	21.350	330.441
5024.317	5400.881	2.950	3.673	199.032
1.000	14.770			
12/12/2015 3:00:00 AM	918000.000	144.988	21.354	330.471
5025.467	5401.583	2.951	3.673	198.986
1.000	14.771			
12/12/2015 3:15:00 AM	918900.000	144.991	21.352	330.479
5025.964	5402.371	2.951	3.674	198.967
1.000	14.771			
12/12/2015 3:30:00 AM	919800.000	144.999	21.349	330.497
5025.633	5402.384	2.951	3.674	198.980
1.000	14.766			
12/12/2015 3:45:00 AM	920700.000	145.002	21.353	330.503
5026.767	5403.106	2.952	3.674	198.935
1.000	14.762			
12/12/2015 4:00:00 AM	921600.000	145.002	21.360	330.503
5026.640	5402.271	2.951	3.674	198.940
1.000	14.763			
12/12/2015 4:15:00 AM	922500.000	144.973	21.356	330.439
5027.921	5404.076	2.952	3.675	198.889
1.000	14.761			
12/12/2015 4:30:00 AM	923400.000	145.016	21.357	330.535
5028.474	5404.495	2.952	3.675	198.867
1.000	14.762			
12/12/2015 4:45:00 AM	924300.000	145.028	21.349	330.564
5026.718	5403.502	2.952	3.674	198.937
1.000	14.760			
12/12/2015 5:00:00 AM	925200.000	144.984	21.347	330.464
5027.154	5404.233	2.952	3.675	198.920
1.000	14.774			
12/12/2015 5:15:00 AM	926100.000	145.030	21.352	330.569
5026.293	5402.715	2.951	3.674	198.954
1.000	14.772			
12/12/2015 5:30:00 AM	927000.000	144.980	21.355	330.454
5026.393	5402.482	2.951	3.674	198.950
1.000	14.776			
12/12/2015 5:45:00 AM	927900.000	145.016	21.357	330.537
5028.048	5404.037	2.952	3.675	198.884
1.000	14.775			
12/12/2015 6:00:00 AM	928800.000	145.023	21.356	330.552
5027.743	5403.894	2.952	3.675	198.896
1.000	14.774			
12/12/2015 6:15:00 AM	929700.000	145.031	21.355	330.569
5027.997	5404.195	2.952	3.675	198.886
1.000	14.775			
12/12/2015 6:30:00 AM	930600.000	145.029	21.350	330.565
5026.138	5402.752	2.951	3.674	198.960
1.000	14.782			
12/12/2015 6:45:00 AM	931500.000	145.024	21.358	330.555
5028.011	5403.969	2.952	3.675	198.886

1.000	14.792			
12/12/2015 7:00:00 AM	932400.000	145.037	21.360	330.585
5027.551	5403.230	2.952	3.674	198.904
1.000	14.787			
12/12/2015 7:15:00 AM	933300.000	145.036	21.354	330.581
5027.547	5403.916	2.952	3.675	198.904
1.000	14.790			
12/12/2015 7:30:00 AM	934200.000	145.052	21.353	330.618
5027.593	5404.044	2.952	3.675	198.902
1.000	14.779			
12/12/2015 7:45:00 AM	935100.000	145.047	21.354	330.606
5027.913	5404.310	2.952	3.675	198.890
1.000	14.791			
12/12/2015 8:00:00 AM	936000.000	145.051	21.352	330.616
5028.708	5405.321	2.953	3.676	198.858
1.000	14.793			
12/12/2015 8:15:00 AM	936900.000	145.052	21.352	330.618
5028.772	5405.457	2.953	3.676	198.856
1.000	14.791			
12/12/2015 8:30:00 AM	937800.000	145.054	21.355	330.624
5029.210	5405.509	2.953	3.676	198.838
1.000	14.797			
12/12/2015 8:45:00 AM	938700.000	145.032	21.356	330.572
5028.978	5405.221	2.953	3.676	198.848
1.000	14.798			
12/12/2015 9:00:00 AM	939600.000	145.058	21.351	330.633
5028.215	5404.965	2.953	3.675	198.878
1.000	14.804			
12/12/2015 9:15:00 AM	940500.000	145.058	21.358	330.631
5029.291	5405.305	2.953	3.676	198.835
1.000	14.812			
12/12/2015 9:30:00 AM	941400.000	145.075	21.356	330.670
5028.189	5404.383	2.952	3.675	198.879
1.000	14.806			
12/12/2015 9:45:00 AM	942300.000	145.063	21.357	330.643
5029.230	5405.356	2.953	3.676	198.838
1.000	14.814			
12/12/2015 10:00:00 AM	943200.000	145.071	21.358	330.662
5029.928	5406.009	2.953	3.676	198.810
1.000	14.814			
12/12/2015 10:15:00 AM	944100.000	145.079	21.353	330.681
5030.120	5406.691	2.954	3.677	198.802
1.000	14.809			
12/12/2015 10:30:00 AM	945000.000	145.081	21.354	330.683
5029.896	5406.441	2.954	3.676	198.811
1.000	14.815			
12/12/2015 10:45:00 AM	945900.000	145.083	21.352	330.689
5029.314	5405.953	2.953	3.676	198.834
1.000	14.816			
12/12/2015 11:00:00 AM	946800.000	145.091	21.349	330.708
5030.048	5407.130	2.954	3.677	198.805
1.000	14.816			
12/12/2015 11:15:00 AM	947700.000	145.094	21.350	330.713
5032.108	5409.159	2.955	3.678	198.724
1.000	14.812			

12/12/2015 11:30:00 AM	948600.000	145.083	21.354	330.688
5031.710	5408.314	2.955	3.678	198.740
1.000	14.814			
12/12/2015 11:45:00 AM	949500.000	145.089	21.356	330.703
5030.782	5407.150	2.954	3.677	198.776
1.000	14.810			
12/12/2015 12:00:00 PM	950400.000	145.096	21.358	330.719
5032.915	5409.179	2.955	3.678	198.692
1.000	14.811			
12/12/2015 12:15:00 PM	951300.000	145.100	21.359	330.727
5033.408	5409.661	2.955	3.679	198.673
1.000	14.811			
12/12/2015 12:30:00 PM	952200.000	145.107	21.359	330.743
5033.551	5409.766	2.956	3.679	198.667
1.000	14.814			
12/12/2015 12:45:00 PM	953100.000	145.112	21.354	330.755
5032.845	5409.543	2.955	3.678	198.695
1.000	14.808			
12/12/2015 1:00:00 PM	954000.000	145.115	21.348	330.761
5032.644	5409.979	2.956	3.679	198.703
1.000	14.807			
12/12/2015 1:15:00 PM	954900.000	145.117	21.351	330.767
5033.012	5410.101	2.956	3.679	198.688
1.000	14.808			
12/12/2015 1:30:00 PM	955800.000	145.123	21.347	330.781
5032.753	5410.183	2.956	3.679	198.698
1.000	14.808			
12/12/2015 1:45:00 PM	956700.000	145.122	21.349	330.777
5033.945	5411.319	2.956	3.680	198.651
1.000	14.813			
12/12/2015 2:00:00 PM	957600.000	145.126	21.355	330.787
5035.480	5412.289	2.957	3.680	198.591
1.000	14.806			
12/12/2015 2:15:00 PM	958500.000	145.123	21.357	330.781
5036.592	5413.259	2.958	3.681	198.547
1.000	14.802			
12/12/2015 2:30:00 PM	959400.000	145.100	21.356	330.727
5037.082	5413.873	2.958	3.681	198.528
1.000	14.796			
12/12/2015 2:45:00 PM	960300.000	145.122	21.355	330.777
5036.966	5413.875	2.958	3.681	198.532
1.000	14.806			
12/12/2015 3:00:00 PM	961200.000	145.136	21.359	330.810
5037.719	5414.226	2.958	3.682	198.503
1.000	14.799			
12/12/2015 3:15:00 PM	962100.000	145.099	21.357	330.726
5036.842	5413.557	2.958	3.681	198.537
1.000	14.799			
12/12/2015 3:30:00 PM	963000.000	145.139	21.354	330.818
5038.159	5415.216	2.959	3.682	198.485
1.000	14.806			
12/12/2015 3:45:00 PM	963900.000	145.130	21.356	330.795
5037.927	5414.799	2.958	3.682	198.494
1.000	14.809			
12/12/2015 4:00:00 PM	964800.000	145.136	21.354	330.809

5038.221	5415.282	2.959	3.682	198.483
1.000	14.808			
12/12/2015 4:15:00 PM	965700.000	145.135	21.356	330.808
5038.865	5415.858	2.959	3.683	198.457
1.000	14.808			
12/12/2015 4:30:00 PM	966600.000	145.136	21.353	330.810
5038.699	5416.001	2.959	3.683	198.464
1.000	14.815			
12/12/2015 4:45:00 PM	967500.000	145.132	21.353	330.801
5038.190	5415.434	2.959	3.682	198.484
1.000	14.815			
12/12/2015 5:00:00 PM	968400.000	145.126	21.354	330.787
5039.108	5416.274	2.959	3.683	198.448
1.000	14.818			
12/12/2015 5:15:00 PM	969300.000	145.090	21.349	330.706
5038.333	5416.055	2.959	3.683	198.478
1.000	14.814			
12/12/2015 5:30:00 PM	970200.000	145.132	21.349	330.801
5039.432	5417.169	2.960	3.684	198.435
1.000	14.815			
12/12/2015 5:45:00 PM	971100.000	145.132	21.353	330.800
5039.872	5417.212	2.960	3.684	198.418
1.000	14.816			
12/12/2015 6:00:00 PM	972000.000	145.096	21.352	330.718
5039.598	5417.016	2.960	3.684	198.429
1.000	14.817			
12/12/2015 6:15:00 PM	972900.000	145.116	21.354	330.764
5040.443	5417.739	2.960	3.684	198.395
1.000	14.820			
12/12/2015 6:30:00 PM	973800.000	145.136	21.349	330.810
5040.316	5418.148	2.960	3.684	198.400
1.000	14.820			
12/12/2015 6:45:00 PM	974700.000	145.107	21.348	330.745
5040.300	5418.248	2.960	3.684	198.401
1.000	14.831			
12/12/2015 7:00:00 PM	975600.000	145.125	21.357	330.784
5041.655	5418.749	2.961	3.685	198.348
1.000	14.820			
12/12/2015 7:15:00 PM	976500.000	145.082	21.353	330.687
5041.582	5419.049	2.961	3.685	198.350
1.000	14.815			
12/12/2015 7:30:00 PM	977400.000	145.123	21.353	330.781
5041.500	5418.934	2.961	3.685	198.354
1.000	14.822			
12/12/2015 7:45:00 PM	978300.000	145.068	21.354	330.654
5042.492	5419.931	2.961	3.686	198.315
1.000	14.829			
12/12/2015 8:00:00 PM	979200.000	145.107	21.353	330.743
5043.894	5421.565	2.962	3.687	198.260
1.000	14.832			
12/12/2015 8:15:00 PM	980100.000	145.116	21.354	330.765
5044.426	5422.058	2.963	3.687	198.239
1.000	14.825			
12/12/2015 8:30:00 PM	981000.000	145.105	21.352	330.739
5043.739	5421.458	2.962	3.687	198.266

1.000	14.824			
12/12/2015 8:45:00 PM	981900.000	145.107	21.355	330.743
5044.410	5421.856	2.963	3.687	198.239
1.000	14.829			
12/12/2015 9:00:00 PM	982800.000	145.098	21.350	330.724
5043.187	5421.156	2.962	3.686	198.287
1.000	14.825			
12/12/2015 9:15:00 PM	983700.000	145.098	21.352	330.723
5043.889	5421.629	2.962	3.687	198.260
1.000	14.833			
12/12/2015 9:30:00 PM	984600.000	145.101	21.357	330.730
5043.781	5420.927	2.962	3.686	198.264
1.000	14.819			
12/12/2015 9:45:00 PM	985500.000	145.058	21.357	330.632
5044.958	5422.251	2.963	3.687	198.218
1.000	14.821			
12/12/2015 10:00:00 PM	986400.000	145.084	21.354	330.690
5045.472	5423.134	2.963	3.688	198.198
1.000	14.830			
12/12/2015 10:15:00 PM	987300.000	145.105	21.354	330.738
5044.336	5421.961	2.963	3.687	198.242
1.000	14.827			
12/12/2015 10:30:00 PM	988200.000	145.091	21.353	330.708
5044.688	5422.360	2.963	3.687	198.228
1.000	14.827			
12/12/2015 10:45:00 PM	989100.000	145.060	21.356	330.636
5046.056	5423.576	2.964	3.688	198.175
1.000	14.827			
12/12/2015 11:00:00 PM	990000.000	145.101	21.352	330.729
5044.521	5422.288	2.963	3.687	198.235
1.000	14.828			
12/12/2015 11:15:00 PM	990900.000	145.100	21.354	330.728
5044.874	5422.433	2.963	3.687	198.221
1.000	14.827			
12/12/2015 11:30:00 PM	991800.000	145.094	21.355	330.713
5045.452	5422.986	2.963	3.688	198.198
1.000	14.829			
12/12/2015 11:45:00 PM	992700.000	145.052	21.353	330.618
5044.812	5422.581	2.963	3.687	198.223
1.000	14.827			
12/13/2015 12:00:00 AM	993600.000	145.098	21.353	330.723
5044.421	5422.132	2.963	3.687	198.239
1.000	14.824			
12/13/2015 12:15:00 AM	994500.000	145.100	21.356	330.728
5045.583	5423.068	2.963	3.688	198.193
1.000	14.822			
12/13/2015 12:30:00 AM	995400.000	145.105	21.360	330.739
5047.780	5424.903	2.964	3.689	198.107
1.000	14.825			
12/13/2015 12:45:00 AM	996300.000	145.060	21.352	330.637
5046.941	5424.929	2.964	3.689	198.140
1.000	14.827			
12/13/2015 1:00:00 AM	997200.000	145.104	21.355	330.738
5046.798	5424.482	2.964	3.689	198.145
1.000	14.823			

12/13/2015 1:15:00 AM	998100.000	145.115	21.351	330.762
5046.305	5424.313	2.964	3.689	198.165
1.000	14.823			
12/13/2015 1:30:00 AM	999000.000	145.107	21.352	330.743
5046.908	5424.902	2.964	3.689	198.141
1.000	14.821			
12/13/2015 1:45:00 AM	999900.000	145.109	21.352	330.749
5045.841	5423.747	2.964	3.688	198.183
1.000	14.822			
12/13/2015 2:00:00 AM	1000800.000	145.073	21.354	330.667
5047.293	5425.043	2.964	3.689	198.126
1.000	14.816			
12/13/2015 2:15:00 AM	1001700.000	145.081	21.358	330.685
5047.544	5424.952	2.964	3.689	198.116
1.000	14.820			
12/13/2015 2:30:00 AM	1002600.000	145.085	21.353	330.693
5045.891	5423.693	2.964	3.688	198.181
1.000	14.819			
12/13/2015 2:45:00 AM	1003500.000	145.122	21.356	330.777
5047.219	5424.787	2.964	3.689	198.129
1.000	14.817			
12/13/2015 3:00:00 AM	1004400.000	145.118	21.352	330.768
5046.173	5424.104	2.964	3.688	198.170
1.000	14.815			
12/13/2015 3:15:00 AM	1005300.000	145.088	21.350	330.699
5046.313	5424.458	2.964	3.689	198.165
1.000	14.816			
12/13/2015 3:30:00 AM	1006200.000	145.148	21.349	330.836
5046.861	5425.233	2.965	3.689	198.143
1.000	14.799			
12/13/2015 3:45:00 AM	1007100.000	145.138	21.349	330.815
5045.780	5423.973	2.964	3.688	198.185
1.000	14.798			
12/13/2015 4:00:00 AM	1008000.000	145.137	21.352	330.811
5045.692	5423.557	2.964	3.688	198.189
1.000	14.803			
12/13/2015 4:15:00 AM	1008900.000	145.152	21.353	330.847
5046.147	5424.016	2.964	3.688	198.171
1.000	14.789			
12/13/2015 4:30:00 AM	1009800.000	145.155	21.348	330.853
5045.869	5424.263	2.964	3.688	198.182
1.000	14.782			
12/13/2015 4:45:00 AM	1010700.000	145.153	21.348	330.848
5046.124	5424.470	2.964	3.689	198.172
1.000	14.791			
12/13/2015 5:00:00 AM	1011600.000	145.154	21.357	330.852
5048.113	5425.661	2.965	3.689	198.094
1.000	14.786			
12/13/2015 5:15:00 AM	1012500.000	145.157	21.357	330.857
5047.269	5424.715	2.964	3.689	198.127
1.000	14.781			
12/13/2015 5:30:00 AM	1013400.000	145.164	21.357	330.874
5048.301	5425.833	2.965	3.690	198.086
1.000	14.783			
12/13/2015 5:45:00 AM	1014300.000	145.135	21.353	330.807

5046.362	5424.247	2.964	3.688	198.163
1.000	14.781			
12/13/2015 6:00:00 AM	1015200.000	145.165	21.358	330.875
5047.420	5424.741	2.964	3.689	198.121
1.000	14.776			
12/13/2015 6:15:00 AM	1016100.000	145.176	21.351	330.902
5046.594	5424.682	2.964	3.689	198.153
1.000	14.772			
12/13/2015 6:30:00 AM	1017000.000	145.138	21.350	330.814
5046.424	5424.626	2.964	3.689	198.160
1.000	14.773			
12/13/2015 6:45:00 AM	1017900.000	145.182	21.350	330.915
5047.301	5425.500	2.965	3.689	198.126
1.000	14.769			
12/13/2015 7:00:00 AM	1018800.000	145.168	21.354	330.883
5048.092	5425.892	2.965	3.690	198.095
1.000	14.776			
12/13/2015 7:15:00 AM	1019700.000	145.186	21.350	330.924
5048.266	5426.537	2.965	3.690	198.088
1.000	14.762			
12/13/2015 7:30:00 AM	1020600.000	145.193	21.359	330.939
5049.199	5426.593	2.965	3.690	198.051
1.000	14.757			
12/13/2015 7:45:00 AM	1021500.000	145.167	21.358	330.881
5048.832	5426.257	2.965	3.690	198.066
1.000	14.751			
12/13/2015 8:00:00 AM	1022400.000	145.169	21.355	330.886
5050.133	5427.998	2.966	3.691	198.015
1.000	14.747			
12/13/2015 8:15:00 AM	1023300.000	145.202	21.359	330.960
5050.466	5427.926	2.966	3.691	198.002
1.000	14.746			
12/13/2015 8:30:00 AM	1024200.000	145.201	21.358	330.957
5051.222	5428.817	2.967	3.692	197.972
1.000	14.750			
12/13/2015 8:45:00 AM	1025100.000	145.211	21.355	330.981
5050.901	5428.882	2.967	3.692	197.984
1.000	14.744			
12/13/2015 9:00:00 AM	1026000.000	145.218	21.355	330.997
5050.500	5428.441	2.966	3.691	198.000
1.000	14.731			
12/13/2015 9:15:00 AM	1026900.000	145.217	21.350	330.995
5050.630	5429.167	2.967	3.692	197.995
1.000	14.731			
12/13/2015 9:30:00 AM	1027800.000	145.222	21.349	331.006
5051.034	5429.700	2.967	3.692	197.979
1.000	14.728			
12/13/2015 9:45:00 AM	1028700.000	145.220	21.350	331.001
5051.955	5430.591	2.968	3.693	197.943
1.000	14.719			
12/13/2015 10:00:00 AM	1029600.000	145.202	21.351	330.960
5053.440	5432.002	2.968	3.694	197.885
1.000	14.713			
12/13/2015 10:15:00 AM	1030500.000	145.276	21.353	331.130
5052.278	5430.586	2.968	3.693	197.931

1.000	14.704				
12/13/2015 10:30:00 AM	1031400.000	145.248	21.357	331.065	
5052.385	5430.262	2.967	3.693	197.926	
1.000	14.691				
12/13/2015 10:45:00 AM	1032300.000	145.216	21.359	330.991	
5053.602	5431.334	2.968	3.693	197.879	
1.000	14.693				
12/13/2015 11:00:00 AM	1033200.000	145.250	21.351	331.070	
5053.545	5432.173	2.969	3.694	197.881	
1.000	14.728				
12/13/2015 11:15:00 AM	1034100.000	145.245	21.352	331.058	
5053.671	5432.164	2.969	3.694	197.876	
1.000	14.732				
12/13/2015 11:30:00 AM	1035000.000	145.257	21.359	331.085	
5055.184	5432.997	2.969	3.694	197.817	
1.000	14.729				
12/13/2015 11:45:00 AM	1035900.000	145.263	21.352	331.098	
5054.864	5433.426	2.969	3.695	197.829	
1.000	14.730				
12/13/2015 12:00:00 PM	1036800.000	145.259	21.354	331.090	
5055.145	5433.473	2.969	3.695	197.818	
1.000	14.732				
12/13/2015 12:15:00 PM	1037700.000	145.233	21.351	331.031	
5055.269	5433.958	2.970	3.695	197.813	
1.000	14.726				
12/13/2015 12:30:00 PM	1038600.000	145.270	21.355	331.115	
5056.542	5434.887	2.970	3.696	197.764	
1.000	14.724				
12/13/2015 12:45:00 PM	1039500.000	145.249	21.358	331.066	
5057.740	5435.832	2.971	3.696	197.717	
1.000	14.721				
12/13/2015 1:00:00 PM	1040400.000	145.280	21.351	331.138	
5057.271	5436.168	2.971	3.697	197.735	
1.000	14.728				
12/13/2015 1:15:00 PM	1041300.000	145.244	21.355	331.055	
5058.593	5437.169	2.972	3.697	197.683	
1.000	14.722				
12/13/2015 1:30:00 PM	1042200.000	145.286	21.356	331.152	
5058.985	5437.415	2.972	3.697	197.668	
1.000	14.724				
12/13/2015 1:45:00 PM	1043100.000	145.299	21.350	331.182	
5058.108	5437.187	2.972	3.697	197.702	
1.000	14.718				
12/13/2015 2:00:00 PM	1044000.000	145.296	21.354	331.173	
5058.818	5437.459	2.972	3.697	197.675	
1.000	14.728				
12/13/2015 2:15:00 PM	1044900.000	145.302	21.354	331.187	
5059.443	5438.103	2.972	3.698	197.650	
1.000	14.725				
12/13/2015 2:30:00 PM	1045800.000	145.299	21.360	331.180	
5061.598	5439.822	2.973	3.699	197.566	
1.000	14.724				
12/13/2015 2:45:00 PM	1046700.000	145.293	21.357	331.169	
5061.132	5439.654	2.973	3.699	197.584	
1.000	14.739				

12/13/2015 3:00:00 PM	1047600.000	145.301	21.356	331.185
5061.411	5440.061	2.973	3.699	197.573
1.000	14.734			
12/13/2015 3:15:00 PM	1048500.000	145.303	21.357	331.191
5061.963	5440.479	2.973	3.700	197.552
1.000	14.731			
12/13/2015 3:30:00 PM	1049400.000	145.298	21.360	331.180
5062.765	5441.056	2.974	3.700	197.521
1.000	14.734			
12/13/2015 3:45:00 PM	1050300.000	145.299	21.355	331.182
5063.042	5441.894	2.974	3.700	197.510
1.000	14.730			
12/13/2015 4:00:00 PM	1051200.000	145.268	21.355	331.110
5062.900	5441.740	2.974	3.700	197.515
1.000	14.737			
12/13/2015 4:15:00 PM	1052100.000	145.309	21.354	331.205
5062.986	5441.999	2.974	3.701	197.512
1.000	14.732			
12/13/2015 4:30:00 PM	1053000.000	145.300	21.359	331.183
5063.848	5442.288	2.974	3.701	197.478
1.000	14.740			
12/13/2015 4:45:00 PM	1053900.000	145.300	21.359	331.182
5064.258	5442.769	2.975	3.701	197.462
1.000	14.743			
12/13/2015 5:00:00 PM	1054800.000	145.294	21.354	331.169
5064.782	5443.841	2.975	3.702	197.442
1.000	14.747			
12/13/2015 5:15:00 PM	1055700.000	145.296	21.360	331.175
5063.931	5442.339	2.975	3.701	197.475
1.000	14.749			
12/13/2015 5:30:00 PM	1056600.000	145.294	21.359	331.171
5065.466	5444.076	2.976	3.702	197.415
1.000	14.746			
12/13/2015 5:45:00 PM	1057500.000	145.301	21.351	331.186
5064.708	5444.125	2.976	3.702	197.445
1.000	14.751			
12/13/2015 6:00:00 PM	1058400.000	145.299	21.354	331.181
5065.137	5444.310	2.976	3.702	197.428
1.000	14.747			
12/13/2015 6:15:00 PM	1059300.000	145.272	21.355	331.119
5064.737	5443.704	2.975	3.702	197.444
1.000	14.753			
12/13/2015 6:30:00 PM	1060200.000	145.301	21.351	331.186
5065.178	5444.610	2.976	3.702	197.426
1.000	14.756			
12/13/2015 6:45:00 PM	1061100.000	145.296	21.352	331.175
5065.631	5445.008	2.976	3.703	197.409
1.000	14.755			
12/13/2015 7:00:00 PM	1062000.000	145.296	21.355	331.175
5065.258	5444.275	2.976	3.702	197.423
1.000	14.754			
12/13/2015 7:15:00 PM	1062900.000	145.281	21.356	331.141
5065.098	5444.013	2.975	3.702	197.430
1.000	14.756			
12/13/2015 7:30:00 PM	1063800.000	145.288	21.358	331.157

5065.439	5444.167	2.976	3.702	197.416
1.000	14.758			
12/13/2015 7:45:00 PM	1064700.000	145.290	21.358	331.161
5066.448	5445.280	2.976	3.703	197.377
1.000	14.762			
12/13/2015 8:00:00 PM	1065600.000	145.282	21.360	331.142
5066.243	5444.813	2.976	3.702	197.385
1.000	14.755			
12/13/2015 8:15:00 PM	1066500.000	145.290	21.354	331.162
5066.522	5445.760	2.977	3.703	197.374
1.000	14.758			
12/13/2015 8:30:00 PM	1067400.000	145.284	21.354	331.148
5065.825	5445.050	2.976	3.703	197.401
1.000	14.755			
12/13/2015 8:45:00 PM	1068300.000	145.226	21.358	331.016
5066.601	5445.405	2.976	3.703	197.371
1.000	14.768			
12/13/2015 9:00:00 PM	1069200.000	145.235	21.351	331.035
5066.537	5446.070	2.977	3.703	197.373
1.000	14.769			
12/13/2015 9:15:00 PM	1070100.000	145.270	21.354	331.115
5067.667	5447.030	2.977	3.704	197.329
1.000	14.760			
12/13/2015 9:30:00 PM	1071000.000	145.275	21.354	331.126
5067.349	5446.610	2.977	3.704	197.342
1.000	14.759			
12/13/2015 9:45:00 PM	1071900.000	145.276	21.354	331.128
5068.175	5447.527	2.978	3.704	197.310
1.000	14.763			
12/13/2015 10:00:00 PM	1072800.000	145.269	21.351	331.113
5067.279	5446.887	2.977	3.704	197.345
1.000	14.763			
12/13/2015 10:15:00 PM	1073700.000	145.266	21.358	331.107
5068.809	5447.788	2.978	3.704	197.285
1.000	14.759			
12/13/2015 10:30:00 PM	1074600.000	145.264	21.359	331.101
5068.622	5447.458	2.978	3.704	197.292
1.000	14.760			
12/13/2015 10:45:00 PM	1075500.000	145.269	21.354	331.114
5068.180	5447.581	2.978	3.704	197.309
1.000	14.757			
12/13/2015 11:00:00 PM	1076400.000	145.267	21.352	331.107
5068.248	5447.861	2.978	3.705	197.307
1.000	14.759			
12/13/2015 11:15:00 PM	1077300.000	145.267	21.350	331.108
5067.454	5447.193	2.977	3.704	197.338
1.000	14.759			
12/13/2015 11:30:00 PM	1078200.000	145.257	21.358	331.085
5069.444	5448.479	2.978	3.705	197.260
1.000	14.762			
12/13/2015 11:45:00 PM	1079100.000	145.225	21.352	331.013
5069.122	5448.741	2.978	3.705	197.273
1.000	14.761			
12/14/2015 12:00:00 AM	1080000.000	145.303	21.353	331.191
5068.768	5448.311	2.978	3.705	197.287

1.000	14.760				
12/14/2015 12:15:00 AM	1080900.000	145.265	21.349	331.103	
5067.986	5447.834	2.978	3.705	197.317	
1.000	14.759				
12/14/2015 12:30:00 AM	1081800.000	145.271	21.353	331.116	
5069.261	5448.821	2.978	3.705	197.267	
1.000	14.756				
12/14/2015 12:45:00 AM	1082700.000	145.275	21.351	331.126	
5069.703	5449.483	2.979	3.706	197.250	
1.000	14.751				
12/14/2015 1:00:00 AM	1083600.000	145.269	21.353	331.113	
5070.588	5450.189	2.979	3.706	197.216	
1.000	14.758				
12/14/2015 1:15:00 AM	1084500.000	145.231	21.353	331.026	
5070.169	5449.789	2.979	3.706	197.232	
1.000	14.758				
12/14/2015 1:30:00 AM	1085400.000	145.272	21.357	331.120	
5071.060	5450.246	2.979	3.706	197.197	
1.000	14.761				
12/14/2015 1:45:00 AM	1086300.000	145.275	21.357	331.127	
5070.675	5449.842	2.979	3.706	197.212	
1.000	14.762				
12/14/2015 2:00:00 AM	1087200.000	145.270	21.354	331.114	
5070.298	5449.789	2.979	3.706	197.227	
1.000	14.764				
12/14/2015 2:15:00 AM	1088100.000	145.274	21.353	331.124	
5069.887	5449.505	2.979	3.706	197.243	
1.000	14.774				
12/14/2015 2:30:00 AM	1089000.000	145.281	21.355	331.141	
5068.864	5448.171	2.978	3.705	197.283	
1.000	14.766				
12/14/2015 2:45:00 AM	1089900.000	145.285	21.354	331.150	
5070.139	5449.647	2.979	3.706	197.233	
1.000	14.765				
12/14/2015 3:00:00 AM	1090800.000	145.289	21.357	331.159	
5069.999	5449.184	2.979	3.705	197.239	
1.000	14.763				
12/14/2015 3:15:00 AM	1091700.000	145.293	21.354	331.167	
5070.014	5449.493	2.979	3.706	197.238	
1.000	14.761				
12/14/2015 3:30:00 AM	1092600.000	145.292	21.356	331.165	
5069.887	5449.181	2.979	3.705	197.243	
1.000	14.764				
12/14/2015 3:45:00 AM	1093500.000	145.284	21.357	331.147	
5070.332	5449.551	2.979	3.706	197.226	
1.000	14.767				
12/14/2015 4:00:00 AM	1094400.000	145.290	21.354	331.162	
5070.524	5450.081	2.979	3.706	197.218	
1.000	14.769				
12/14/2015 4:15:00 AM	1095300.000	145.303	21.356	331.189	
5069.844	5449.095	2.978	3.705	197.245	
1.000	14.766				
12/14/2015 4:30:00 AM	1096200.000	145.268	21.355	331.111	
5070.246	5449.665	2.979	3.706	197.229	
1.000	14.764				

12/14/2015 4:45:00 AM	1097100.000	145.304	21.355	331.192
5069.311	5448.689	2.978	3.705	197.265
1.000	14.765			
12/14/2015 5:00:00 AM	1098000.000	145.315	21.352	331.218
5069.100	5448.776	2.978	3.705	197.274
1.000	14.764			
12/14/2015 5:15:00 AM	1098900.000	145.305	21.352	331.194
5069.289	5448.989	2.978	3.705	197.266
1.000	14.769			
12/14/2015 5:30:00 AM	1099800.000	145.314	21.352	331.215
5069.314	5449.036	2.978	3.705	197.265
1.000	14.771			
12/14/2015 5:45:00 AM	1100700.000	145.305	21.351	331.195
5069.401	5449.140	2.978	3.705	197.262
1.000	14.771			
12/14/2015 6:00:00 AM	1101600.000	145.320	21.355	331.229
5068.931	5448.261	2.978	3.705	197.280
1.000	14.775			
12/14/2015 6:15:00 AM	1102500.000	145.319	21.350	331.228
5068.379	5448.158	2.978	3.705	197.302
1.000	14.776			
12/14/2015 6:30:00 AM	1103400.000	145.285	21.358	331.150
5069.196	5448.144	2.978	3.705	197.270
1.000	14.769			
12/14/2015 6:45:00 AM	1104300.000	145.327	21.355	331.246
5068.450	5447.726	2.978	3.704	197.299
1.000	14.776			
12/14/2015 7:00:00 AM	1105200.000	145.316	21.357	331.221
5069.489	5448.606	2.978	3.705	197.259
1.000	14.780			
12/14/2015 7:15:00 AM	1106100.000	145.329	21.352	331.249
5068.950	5448.625	2.978	3.705	197.280
1.000	14.781			
12/14/2015 7:30:00 AM	1107000.000	145.318	21.357	331.224
5070.175	5449.314	2.979	3.706	197.232
1.000	14.781			
12/14/2015 7:45:00 AM	1107900.000	145.339	21.361	331.273
5069.552	5448.272	2.978	3.705	197.256
1.000	14.778			
12/14/2015 8:00:00 AM	1108800.000	145.333	21.355	331.258
5067.842	5447.032	2.977	3.704	197.323
1.000	14.783			
12/14/2015 8:15:00 AM	1109700.000	145.334	21.358	331.262
5066.931	5445.738	2.977	3.703	197.358
1.000	14.783			
12/14/2015 8:30:00 AM	1110600.000	145.338	21.360	331.269
5067.428	5446.068	2.977	3.703	197.339
1.000	14.783			
12/14/2015 8:45:00 AM	1111500.000	145.380	21.358	331.365
5067.087	5445.918	2.977	3.703	197.352
1.000	14.789			
12/14/2015 9:00:00 AM	1112400.000	145.345	21.357	331.287
5067.897	5446.925	2.977	3.704	197.321
1.000	14.786			
12/14/2015 9:15:00 AM	1113300.000	145.339	21.362	331.273

5068.116	5446.523	2.977	3.704	197.312
1.000	14.795			
12/14/2015 9:30:00 AM	1114200.000	145.312	21.355	331.211
5067.204	5446.396	2.977	3.704	197.347
1.000	14.793			
12/14/2015 9:45:00 AM	1115100.000	145.306	21.355	331.197
5068.568	5447.833	2.978	3.705	197.294
1.000	14.801			
12/14/2015 10:00:00 AM	1116000.000	145.349	21.354	331.296
5068.049	5447.343	2.977	3.704	197.315
1.000	14.799			
12/14/2015 10:15:00 AM	1116900.000	145.361	21.354	331.323
5068.426	5447.835	2.978	3.705	197.300
1.000	14.793			
12/14/2015 10:30:00 AM	1117800.000	145.358	21.359	331.315
5069.799	5448.764	2.978	3.705	197.246
1.000	14.798			
12/14/2015 10:45:00 AM	1118700.000	145.313	21.356	331.213
5070.671	5450.033	2.979	3.706	197.213
1.000	14.800			
12/14/2015 11:00:00 AM	1119600.000	145.363	21.358	331.326
5070.391	5449.488	2.979	3.706	197.223
1.000	14.793			
12/14/2015 11:15:00 AM	1120500.000	145.369	21.357	331.340
5069.217	5448.294	2.978	3.705	197.269
1.000	14.791			
12/14/2015 11:30:00 AM	1121400.000	145.365	21.353	331.331
5069.419	5448.982	2.978	3.705	197.261
1.000	14.794			
12/14/2015 11:45:00 AM	1122300.000	145.367	21.359	331.336
5070.298	5449.279	2.979	3.706	197.227
1.000	14.790			
12/14/2015 12:00:00 PM	1123200.000	145.378	21.354	331.361
5070.158	5449.648	2.979	3.706	197.232
1.000	14.785			
12/14/2015 12:15:00 PM	1124100.000	145.378	21.352	331.362
5069.706	5449.448	2.979	3.706	197.250
1.000	14.786			
12/14/2015 12:30:00 PM	1125000.000	145.381	21.354	331.369
5069.573	5449.078	2.978	3.705	197.255
1.000	14.779			
12/14/2015 12:45:00 PM	1125900.000	145.393	21.357	331.396
5069.284	5448.376	2.978	3.705	197.267
1.000	14.776			
12/14/2015 1:00:00 PM	1126800.000	145.391	21.355	331.392
5069.869	5449.251	2.979	3.705	197.244
1.000	14.774			
12/14/2015 1:15:00 PM	1127700.000	145.395	21.353	331.400
5069.738	5449.325	2.979	3.706	197.249
1.000	14.782			
12/14/2015 1:30:00 PM	1128600.000	145.389	21.355	331.386
5069.799	5449.145	2.978	3.705	197.246
1.000	14.786			
12/14/2015 1:45:00 PM	1129500.000	145.393	21.359	331.395
5071.257	5450.330	2.979	3.706	197.190

1.000	14.777				
12/14/2015 2:00:00 PM	1130400.000	145.408	21.353	331.429	
5069.923	5449.543	2.979	3.706	197.242	
1.000	14.776				
12/14/2015 2:15:00 PM	1131300.000	145.368	21.355	331.337	
5071.161	5450.628	2.979	3.706	197.194	
1.000	14.782				
12/14/2015 2:30:00 PM	1132200.000	145.406	21.357	331.424	
5072.487	5451.779	2.980	3.707	197.142	
1.000	14.777				
12/14/2015 2:45:00 PM	1133100.000	145.401	21.356	331.413	
5071.550	5450.969	2.980	3.707	197.178	
1.000	14.786				
12/14/2015 3:00:00 PM	1134000.000	145.404	21.352	331.422	
5071.508	5451.385	2.980	3.707	197.180	
1.000	14.782				
12/14/2015 3:15:00 PM	1134900.000	145.411	21.353	331.437	
5070.856	5450.546	2.979	3.706	197.205	
1.000	14.782				
12/14/2015 3:30:00 PM	1135800.000	145.419	21.356	331.455	
5072.423	5451.887	2.980	3.707	197.144	
1.000	14.777				
12/14/2015 3:45:00 PM	1136700.000	145.407	21.356	331.427	
5073.041	5452.581	2.980	3.708	197.120	
1.000	14.778				
12/14/2015 4:00:00 PM	1137600.000	145.381	21.356	331.368	
5073.137	5452.674	2.981	3.708	197.117	
1.000	14.777				
12/14/2015 4:15:00 PM	1138500.000	145.415	21.356	331.446	
5073.696	5453.244	2.981	3.708	197.095	
1.000	14.780				
12/14/2015 4:30:00 PM	1139400.000	145.413	21.353	331.440	
5073.754	5453.612	2.981	3.708	197.093	
1.000	14.786				
12/14/2015 4:45:00 PM	1140300.000	145.404	21.355	331.421	
5073.440	5453.118	2.981	3.708	197.105	
1.000	14.789				
12/14/2015 5:00:00 PM	1141200.000	145.415	21.355	331.446	
5073.880	5453.580	2.981	3.708	197.088	
1.000	14.778				
12/14/2015 5:15:00 PM	1142100.000	145.410	21.351	331.434	
5073.788	5453.884	2.981	3.709	197.091	
1.000	14.784				
12/14/2015 5:30:00 PM	1143000.000	145.446	21.360	331.515	
5074.702	5453.855	2.981	3.709	197.056	
1.000	14.790				
12/14/2015 5:45:00 PM	1143900.000	145.413	21.351	331.442	
5074.256	5454.367	2.982	3.709	197.073	
1.000	14.783				
12/14/2015 6:00:00 PM	1144800.000	145.417	21.355	331.450	
5074.189	5453.844	2.981	3.709	197.076	
1.000	14.777				
12/14/2015 6:15:00 PM	1145700.000	145.382	21.355	331.371	
5074.417	5454.139	2.981	3.709	197.067	
1.000	14.788				

12/14/2015 6:30:00 PM	1146600.000	145.404	21.355	331.420
5074.821	5454.573	2.982	3.709	197.051
1.000	14.788			
12/14/2015 6:45:00 PM	1147500.000	145.403	21.347	331.418
5074.655	5455.336	2.982	3.710	197.058
1.000	14.786			
12/14/2015 7:00:00 PM	1148400.000	145.401	21.356	331.413
5075.257	5454.922	2.982	3.709	197.034
1.000	14.784			
12/14/2015 7:15:00 PM	1149300.000	145.399	21.353	331.410
5075.836	5455.899	2.982	3.710	197.012
1.000	14.795			
12/14/2015 7:30:00 PM	1150200.000	145.397	21.359	331.406
5076.651	5456.078	2.983	3.710	196.980
1.000	14.792			
12/14/2015 7:45:00 PM	1151100.000	145.357	21.356	331.313
5076.506	5456.305	2.983	3.710	196.986
1.000	14.795			
12/14/2015 8:00:00 PM	1152000.000	145.398	21.358	331.407
5077.062	5456.638	2.983	3.711	196.964
1.000	14.788			
12/14/2015 8:15:00 PM	1152900.000	145.393	21.363	331.395
5077.424	5456.458	2.983	3.710	196.950
1.000	14.791			
12/14/2015 8:30:00 PM	1153800.000	145.395	21.362	331.401
5077.500	5456.657	2.983	3.711	196.947
1.000	14.790			
12/14/2015 8:45:00 PM	1154700.000	145.393	21.358	331.395
5076.817	5456.364	2.983	3.710	196.974
1.000	14.792			
12/14/2015 9:00:00 PM	1155600.000	145.381	21.355	331.369
5076.669	5456.500	2.983	3.710	196.980
1.000	14.788			
12/14/2015 9:15:00 PM	1156500.000	145.392	21.356	331.393
5076.761	5456.559	2.983	3.710	196.976
1.000	14.783			
12/14/2015 9:30:00 PM	1157400.000	145.379	21.354	331.363
5077.091	5457.130	2.983	3.711	196.963
1.000	14.783			
12/14/2015 9:45:00 PM	1158300.000	145.379	21.358	331.364
5077.331	5456.937	2.983	3.711	196.954
1.000	14.783			
12/14/2015 10:00:00 PM	1159200.000	145.388	21.354	331.384
5076.834	5456.893	2.983	3.711	196.973
1.000	14.784			
12/14/2015 10:15:00 PM	1160100.000	145.378	21.359	331.362
5077.625	5457.163	2.983	3.711	196.942
1.000	14.784			
12/14/2015 10:30:00 PM	1161000.000	145.380	21.361	331.366
5076.882	5456.131	2.983	3.710	196.971
1.000	14.780			
12/14/2015 10:45:00 PM	1161900.000	145.374	21.352	331.352
5076.550	5456.793	2.983	3.711	196.984
1.000	14.781			
12/14/2015 11:00:00 PM	1162800.000	145.414	21.354	331.444

5076.731	5456.752	2.983	3.711	196.977
1.000	14.781			
12/14/2015 11:15:00 PM	1163700.000	145.336	21.352	331.264
5076.564	5456.810	2.983	3.711	196.984
1.000	14.785			
12/14/2015 11:30:00 PM	1164600.000	145.376	21.357	331.356
5077.012	5456.672	2.983	3.711	196.966
1.000	14.777			
12/14/2015 11:45:00 PM	1165500.000	145.363	21.353	331.328
5077.327	5457.501	2.983	3.711	196.954
1.000	14.780			
12/15/2015 12:00:00 AM	1166400.000	145.344	21.357	331.283
5077.239	5456.926	2.983	3.711	196.957
1.000	14.776			
12/15/2015 12:15:00 AM	1167300.000	145.371	21.357	331.346
5077.274	5456.935	2.983	3.711	196.956
1.000	14.773			
12/15/2015 12:30:00 AM	1168200.000	145.375	21.350	331.354
5076.458	5456.891	2.983	3.711	196.988
1.000	14.777			
12/15/2015 12:45:00 AM	1169100.000	145.365	21.358	331.331
5077.520	5457.150	2.983	3.711	196.947
1.000	14.773			
12/15/2015 1:00:00 AM	1170000.000	145.340	21.356	331.276
5077.699	5457.587	2.983	3.711	196.940
1.000	14.775			
12/15/2015 1:15:00 AM	1170900.000	145.376	21.352	331.357
5078.581	5458.957	2.984	3.712	196.905
1.000	14.773			
12/15/2015 1:30:00 AM	1171800.000	145.335	21.352	331.263
5078.658	5459.050	2.984	3.712	196.902
1.000	14.776			
12/15/2015 1:45:00 AM	1172700.000	145.377	21.357	331.359
5078.300	5458.066	2.984	3.711	196.916
1.000	14.775			
12/15/2015 2:00:00 AM	1173600.000	145.377	21.360	331.358
5079.416	5458.971	2.984	3.712	196.873
1.000	14.771			
12/15/2015 2:15:00 AM	1174500.000	145.382	21.358	331.371
5079.878	5459.674	2.985	3.713	196.855
1.000	14.775			
12/15/2015 2:30:00 AM	1175400.000	145.379	21.355	331.362
5080.491	5460.668	2.985	3.713	196.831
1.000	14.779			
12/15/2015 2:45:00 AM	1176300.000	145.388	21.357	331.383
5081.063	5461.085	2.985	3.714	196.809
1.000	14.780			
12/15/2015 3:00:00 AM	1177200.000	145.418	21.354	331.451
5079.779	5459.961	2.985	3.713	196.859
1.000	14.782			
12/15/2015 3:15:00 AM	1178100.000	145.396	21.356	331.401
5079.208	5459.151	2.984	3.712	196.881
1.000	14.783			
12/15/2015 3:30:00 AM	1179000.000	145.389	21.362	331.386
5079.957	5459.316	2.984	3.712	196.852

1.000	14.782				
12/15/2015 3:45:00 AM	1179900.000	145.385	21.358	331.377	
5080.388	5460.164	2.985	3.713	196.835	
1.000	14.789				
12/15/2015 4:00:00 AM	1180800.000	145.392	21.359	331.394	
5081.456	5461.231	2.986	3.714	196.794	
1.000	14.780				
12/15/2015 4:15:00 AM	1181700.000	145.389	21.360	331.385	
5080.318	5459.912	2.985	3.713	196.838	
1.000	14.791				
12/15/2015 4:30:00 AM	1182600.000	145.358	21.360	331.315	
5080.167	5459.788	2.985	3.713	196.844	
1.000	14.786				
12/15/2015 4:45:00 AM	1183500.000	145.400	21.355	331.412	
5079.539	5459.604	2.985	3.713	196.868	
1.000	14.792				
12/15/2015 5:00:00 AM	1184400.000	145.402	21.357	331.417	
5079.675	5459.603	2.985	3.713	196.863	
1.000	14.788				
12/15/2015 5:15:00 AM	1185300.000	145.406	21.352	331.425	
5078.750	5459.169	2.984	3.712	196.899	
1.000	14.790				
12/15/2015 5:30:00 AM	1186200.000	145.409	21.354	331.433	
5078.787	5458.884	2.984	3.712	196.897	
1.000	14.790				
12/15/2015 5:45:00 AM	1187100.000	145.371	21.358	331.345	
5079.188	5458.893	2.984	3.712	196.882	
1.000	14.787				
12/15/2015 6:00:00 AM	1188000.000	145.368	21.359	331.337	
5079.815	5459.448	2.984	3.712	196.858	
1.000	14.798				
12/15/2015 6:15:00 AM	1188900.000	145.412	21.354	331.439	
5078.389	5458.526	2.984	3.712	196.913	
1.000	14.797				
12/15/2015 6:30:00 AM	1189800.000	145.412	21.360	331.438	
5080.163	5459.764	2.985	3.713	196.844	
1.000	14.800				
12/15/2015 6:45:00 AM	1190700.000	145.423	21.359	331.465	
5079.719	5459.394	2.984	3.712	196.861	
1.000	14.791				
12/15/2015 7:00:00 AM	1191600.000	145.415	21.359	331.446	
5080.240	5459.985	2.985	3.713	196.841	
1.000	14.803				
12/15/2015 7:15:00 AM	1192500.000	145.417	21.355	331.450	
5080.809	5460.958	2.985	3.713	196.819	
1.000	14.800				
12/15/2015 7:30:00 AM	1193400.000	145.425	21.354	331.468	
5080.176	5460.378	2.985	3.713	196.844	
1.000	14.799				
12/15/2015 7:45:00 AM	1194300.000	145.386	21.358	331.380	
5079.962	5459.804	2.985	3.713	196.852	
1.000	14.803				
12/15/2015 8:00:00 AM	1195200.000	145.427	21.357	331.472	
5078.902	5458.771	2.984	3.712	196.893	
1.000	14.806				

12/15/2015 8:15:00 AM	1196100.000	145.430	21.356	331.481
5079.891	5459.903	2.985	3.713	196.855
1.000	14.804			
12/15/2015 8:30:00 AM	1197000.000	145.432	21.353	331.485
5079.278	5459.588	2.985	3.713	196.878
1.000	14.805			
12/15/2015 8:45:00 AM	1197900.000	145.431	21.354	331.481
5079.822	5460.075	2.985	3.713	196.857
1.000	14.813			
12/15/2015 9:00:00 AM	1198800.000	145.435	21.352	331.490
5079.545	5459.965	2.985	3.713	196.868
1.000	14.810			
12/15/2015 9:15:00 AM	1199700.000	145.394	21.350	331.397
5078.767	5459.412	2.984	3.712	196.898
1.000	14.812			
12/15/2015 9:30:00 AM	1200600.000	145.433	21.352	331.486
5078.315	5458.623	2.984	3.712	196.916
1.000	14.819			
12/15/2015 9:45:00 AM	1201500.000	145.442	21.351	331.508
5079.310	5459.829	2.985	3.713	196.877
1.000	14.813			
12/15/2015 10:00:00 AM	1202400.000	145.442	21.352	331.508
5078.788	5459.170	2.984	3.712	196.897
1.000	14.815			
12/15/2015 10:15:00 AM	1203300.000	145.451	21.355	331.528
5080.039	5460.211	2.985	3.713	196.849
1.000	14.808			
12/15/2015 10:30:00 AM	1204200.000	145.445	21.351	331.514
5079.756	5460.309	2.985	3.713	196.860
1.000	14.816			
12/15/2015 10:45:00 AM	1205100.000	145.463	21.351	331.554
5079.252	5459.767	2.985	3.713	196.879
1.000	14.805			
12/15/2015 11:00:00 AM	1206000.000	145.450	21.350	331.525
5079.113	5459.785	2.985	3.713	196.885
1.000	14.815			
12/15/2015 11:15:00 AM	1206900.000	145.408	21.356	331.429
5080.726	5460.851	2.985	3.713	196.822
1.000	14.809			
12/15/2015 11:30:00 AM	1207800.000	145.452	21.356	331.531
5079.634	5459.637	2.985	3.713	196.865
1.000	14.807			
12/15/2015 11:45:00 AM	1208700.000	145.458	21.357	331.543
5079.003	5458.832	2.984	3.712	196.889
1.000	14.802			
12/15/2015 12:00:00 PM	1209600.000	145.469	21.358	331.569
5080.099	5459.951	2.985	3.713	196.847
1.000	14.796			
12/15/2015 12:15:00 PM	1210500.000	145.464	21.354	331.556
5079.780	5459.952	2.985	3.713	196.859
1.000	14.799			
12/15/2015 12:30:00 PM	1211400.000	145.459	21.360	331.545
5080.312	5459.953	2.985	3.713	196.838
1.000	14.802			
12/15/2015 12:45:00 PM	1212300.000	145.465	21.359	331.561

5079.949	5459.622	2.985	3.713	196.852
1.000	14.801			
12/15/2015 1:00:00 PM	1213200.000	145.473	21.356	331.577
5080.484	5460.512	2.985	3.713	196.832
1.000	14.798			
12/15/2015 1:15:00 PM	1214100.000	145.474	21.353	331.580
5080.430	5460.768	2.985	3.713	196.834
1.000	14.791			
12/15/2015 1:30:00 PM	1215000.000	145.434	21.356	331.490
5080.895	5460.973	2.985	3.713	196.816
1.000	14.796			
12/15/2015 1:45:00 PM	1215900.000	145.479	21.361	331.591
5081.763	5461.355	2.986	3.714	196.782
1.000	14.793			
12/15/2015 2:00:00 PM	1216800.000	145.476	21.359	331.585
5080.792	5460.528	2.985	3.713	196.820
1.000	14.791			
12/15/2015 2:15:00 PM	1217700.000	145.473	21.357	331.577
5081.519	5461.535	2.986	3.714	196.792
1.000	14.795			
12/15/2015 2:30:00 PM	1218600.000	145.559	21.358	331.774
5081.343	5461.239	2.986	3.714	196.798
1.000	14.786			
12/15/2015 2:45:00 PM	1219500.000	145.483	21.360	331.601
5082.441	5462.232	2.986	3.714	196.756
1.000	14.789			
12/15/2015 3:00:00 PM	1220400.000	145.482	21.361	331.598
5082.216	5461.872	2.986	3.714	196.765
1.000	14.792			
12/15/2015 3:15:00 PM	1221300.000	145.491	21.355	331.618
5081.614	5461.894	2.986	3.714	196.788
1.000	14.795			
12/15/2015 3:30:00 PM	1222200.000	145.455	21.353	331.538
5081.768	5462.215	2.986	3.714	196.782
1.000	14.793			
12/15/2015 3:45:00 PM	1223100.000	145.495	21.360	331.628
5082.592	5462.395	2.986	3.714	196.750
1.000	14.792			
12/15/2015 4:00:00 PM	1224000.000	145.496	21.356	331.629
5081.137	5461.224	2.986	3.714	196.806
1.000	14.797			
12/15/2015 4:15:00 PM	1224900.000	145.496	21.361	331.630
5082.085	5461.712	2.986	3.714	196.770
1.000	14.789			
12/15/2015 4:30:00 PM	1225800.000	145.479	21.361	331.591
5083.405	5463.170	2.987	3.715	196.719
1.000	14.803			
12/15/2015 4:45:00 PM	1226700.000	145.495	21.357	331.628
5082.645	5462.697	2.986	3.715	196.748
1.000	14.796			
12/15/2015 5:00:00 PM	1227600.000	145.502	21.350	331.645
5081.764	5462.596	2.986	3.715	196.782
1.000	14.796			
12/15/2015 5:15:00 PM	1228500.000	145.490	21.353	331.616
5082.142	5462.646	2.986	3.715	196.767

1.000	14.802			
12/15/2015 5:30:00 PM	1229400.000	145.491	21.348	331.618
5081.253	5462.281	2.986	3.714	196.802
1.000	14.806			
12/15/2015 5:45:00 PM	1230300.000	145.490	21.357	331.617
5083.327	5463.489	2.987	3.715	196.722
1.000	14.807			
12/15/2015 6:00:00 PM	1231200.000	145.453	21.353	331.532
5082.490	5463.061	2.987	3.715	196.754
1.000	14.820			
12/15/2015 6:15:00 PM	1232100.000	145.492	21.356	331.620
5083.143	5463.369	2.987	3.715	196.729
1.000	14.812			
12/15/2015 6:30:00 PM	1233000.000	145.491	21.358	331.618
5083.868	5463.963	2.987	3.715	196.701
1.000	14.810			
12/15/2015 6:45:00 PM	1233900.000	145.493	21.361	331.624
5084.063	5463.877	2.987	3.715	196.693
1.000	14.812			
12/15/2015 7:00:00 PM	1234800.000	145.495	21.352	331.628
5083.012	5463.760	2.987	3.715	196.734
1.000	14.814			
12/15/2015 7:15:00 PM	1235700.000	145.487	21.350	331.610
5082.977	5463.879	2.987	3.715	196.735
1.000	14.821			
12/15/2015 7:30:00 PM	1236600.000	145.475	21.353	331.583
5084.110	5464.822	2.988	3.716	196.691
1.000	14.821			
12/15/2015 7:45:00 PM	1237500.000	145.482	21.353	331.599
5083.572	5464.205	2.987	3.716	196.712
1.000	14.820			
12/15/2015 8:00:00 PM	1238400.000	145.487	21.356	331.609
5084.117	5464.465	2.987	3.716	196.691
1.000	14.816			
12/15/2015 8:15:00 PM	1239300.000	145.451	21.351	331.529
5084.198	5465.074	2.988	3.716	196.688
1.000	14.825			
12/15/2015 8:30:00 PM	1240200.000	145.444	21.359	331.511
5084.835	5464.903	2.988	3.716	196.663
1.000	14.826			
12/15/2015 8:45:00 PM	1241100.000	145.429	21.357	331.477
5084.522	5464.802	2.988	3.716	196.675
1.000	14.834			
12/15/2015 9:00:00 PM	1242000.000	145.471	21.355	331.574
5085.182	5465.659	2.988	3.717	196.650
1.000	14.828			
12/15/2015 9:15:00 PM	1242900.000	145.431	21.358	331.481
5085.671	5465.920	2.988	3.717	196.631
1.000	14.829			
12/15/2015 9:30:00 PM	1243800.000	145.466	21.352	331.562
5084.667	5465.480	2.988	3.717	196.670
1.000	14.829			
12/15/2015 9:45:00 PM	1244700.000	145.477	21.354	331.586
5084.546	5465.143	2.988	3.716	196.674
1.000	14.828			

12/15/2015 10:00:00 PM	1245600.000	145.420	21.360	331.458
5086.113	5466.159	2.988	3.717	196.614
1.000	14.834			
12/15/2015 10:15:00 PM	1246500.000	145.447	21.358	331.518
5086.880	5467.150	2.989	3.718	196.584
1.000	14.836			
12/15/2015 10:30:00 PM	1247400.000	145.460	21.353	331.547
5085.792	5466.610	2.989	3.717	196.626
1.000	14.835			
12/15/2015 10:45:00 PM	1248300.000	145.458	21.359	331.544
5086.508	5466.691	2.989	3.717	196.599
1.000	14.836			
12/15/2015 11:00:00 PM	1249200.000	145.449	21.356	331.523
5086.175	5466.608	2.989	3.717	196.611
1.000	14.835			
12/15/2015 11:15:00 PM	1250100.000	145.447	21.361	331.518
5086.531	5466.460	2.989	3.717	196.598
1.000	14.836			
12/15/2015 11:30:00 PM	1251000.000	145.460	21.355	331.549
5086.103	5466.689	2.989	3.717	196.614
1.000	14.833			
12/15/2015 11:45:00 PM	1251900.000	145.451	21.364	331.529
5087.640	5467.387	2.989	3.718	196.555
1.000	14.834			
12/16/2015 12:00:00 AM	1252800.000	145.448	21.355	331.522
5085.787	5466.378	2.989	3.717	196.626
1.000	14.840			
12/16/2015 12:15:00 AM	1253700.000	145.452	21.352	331.531
5086.388	5467.279	2.989	3.718	196.603
1.000	14.835			
12/16/2015 12:30:00 AM	1254600.000	145.413	21.360	331.440
5086.584	5466.606	2.989	3.717	196.596
1.000	14.832			
12/16/2015 12:45:00 AM	1255500.000	145.455	21.354	331.537
5085.245	5465.826	2.988	3.717	196.647
1.000	14.834			
12/16/2015 1:00:00 AM	1256400.000	145.451	21.349	331.527
5085.366	5466.537	2.989	3.717	196.643
1.000	14.832			
12/16/2015 1:15:00 AM	1257300.000	145.448	21.353	331.520
5086.151	5466.917	2.989	3.718	196.612
1.000	14.833			
12/16/2015 1:30:00 AM	1258200.000	145.460	21.355	331.547
5086.946	5467.615	2.989	3.718	196.582
1.000	14.832			
12/16/2015 1:45:00 AM	1259100.000	145.458	21.352	331.544
5086.713	5467.640	2.989	3.718	196.591
1.000	14.833			
12/16/2015 2:00:00 AM	1260000.000	145.462	21.350	331.553
5087.317	5468.555	2.990	3.719	196.567
1.000	14.834			
12/16/2015 2:15:00 AM	1260900.000	145.455	21.354	331.536
5088.142	5469.038	2.990	3.719	196.535
1.000	14.836			
12/16/2015 2:30:00 AM	1261800.000	145.451	21.354	331.529

5088.324	5469.145	2.990	3.719	196.528
1.000	14.839			
12/16/2015 2:45:00 AM	1262700.000	145.459	21.356	331.546
5089.236	5469.938	2.991	3.720	196.493
1.000	14.840			
12/16/2015 3:00:00 AM	1263600.000	145.460	21.361	331.548
5087.411	5467.416	2.989	3.718	196.564
1.000	14.838			
12/16/2015 3:15:00 AM	1264500.000	145.421	21.359	331.460
5086.958	5467.194	2.989	3.718	196.581
1.000	14.840			
12/16/2015 3:30:00 AM	1265400.000	145.462	21.359	331.554
5087.939	5468.260	2.990	3.718	196.543
1.000	14.839			
12/16/2015 3:45:00 AM	1266300.000	145.474	21.354	331.579
5087.606	5468.422	2.990	3.719	196.556
1.000	14.839			
12/16/2015 4:00:00 AM	1267200.000	145.471	21.357	331.573
5086.928	5467.300	2.989	3.718	196.582
1.000	14.838			
12/16/2015 4:15:00 AM	1268100.000	145.467	21.358	331.565
5087.172	5467.464	2.989	3.718	196.573
1.000	14.841			
12/16/2015 4:30:00 AM	1269000.000	145.476	21.356	331.585
5086.725	5467.209	2.989	3.718	196.590
1.000	14.837			
12/16/2015 4:45:00 AM	1269900.000	145.474	21.356	331.579
5086.267	5466.726	2.989	3.717	196.608
1.000	14.834			
12/16/2015 5:00:00 AM	1270800.000	145.494	21.350	331.625
5086.242	5467.409	2.989	3.718	196.609
1.000	14.833			
12/16/2015 5:15:00 AM	1271700.000	145.477	21.354	331.587
5086.907	5467.699	2.989	3.718	196.583
1.000	14.832			
12/16/2015 5:30:00 AM	1272600.000	145.494	21.358	331.625
5087.833	5468.194	2.990	3.718	196.547
1.000	14.831			
12/16/2015 5:45:00 AM	1273500.000	145.484	21.359	331.602
5087.790	5468.108	2.990	3.718	196.549
1.000	14.839			
12/16/2015 6:00:00 AM	1274400.000	145.501	21.353	331.641
5087.302	5468.205	2.990	3.718	196.568
1.000	14.834			
12/16/2015 6:15:00 AM	1275300.000	145.533	21.359	331.716
5087.052	5467.285	2.989	3.718	196.578
1.000	14.836			
12/16/2015 6:30:00 AM	1276200.000	145.486	21.355	331.608
5087.098	5467.718	2.989	3.718	196.576
1.000	14.840			
12/16/2015 6:45:00 AM	1277100.000	145.473	21.353	331.578
5087.609	5468.484	2.990	3.719	196.556
1.000	14.831			
12/16/2015 7:00:00 AM	1278000.000	145.503	21.360	331.646
5087.311	5467.476	2.989	3.718	196.568

1.000	14.831				
12/16/2015 7:15:00 AM	1278900.000	145.513	21.352	331.669	
5086.568	5467.473	2.989	3.718	196.596	
1.000	14.835				
12/16/2015 7:30:00 AM	1279800.000	145.492	21.365	331.621	
5088.739	5468.419	2.990	3.719	196.512	
1.000	14.841				
12/16/2015 7:45:00 AM	1280700.000	145.473	21.361	331.577	
5087.936	5467.950	2.989	3.718	196.543	
1.000	14.839				
12/16/2015 8:00:00 AM	1281600.000	145.554	21.360	331.762	
5088.008	5468.146	2.990	3.718	196.541	
1.000	14.841				
12/16/2015 8:15:00 AM	1282500.000	145.521	21.358	331.686	
5087.131	5467.470	2.989	3.718	196.574	
1.000	14.840				
12/16/2015 8:30:00 AM	1283400.000	145.512	21.356	331.667	
5086.807	5467.307	2.989	3.718	196.587	
1.000	14.845				
12/16/2015 8:45:00 AM	1284300.000	145.517	21.361	331.678	
5088.210	5468.333	2.990	3.718	196.533	
1.000	14.846				
12/16/2015 9:00:00 AM	1285200.000	145.521	21.352	331.687	
5086.244	5467.214	2.989	3.718	196.609	
1.000	14.849				
12/16/2015 9:15:00 AM	1286100.000	145.472	21.350	331.576	
5087.100	5468.311	2.990	3.718	196.576	
1.000	14.858				
12/16/2015 9:30:00 AM	1287000.000	145.516	21.353	331.677	
5087.897	5468.833	2.990	3.719	196.545	
1.000	14.855				
12/16/2015 9:45:00 AM	1287900.000	145.519	21.352	331.684	
5086.667	5467.649	2.989	3.718	196.592	
1.000	14.858				
12/16/2015 10:00:00 AM	1288800.000	145.519	21.350	331.682	
5086.258	5467.386	2.989	3.718	196.608	
1.000	14.854				
12/16/2015 10:15:00 AM	1289700.000	145.490	21.355	331.616	
5087.548	5468.222	2.990	3.718	196.558	
1.000	14.855				
12/16/2015 10:30:00 AM	1290600.000	145.534	21.353	331.718	
5087.067	5467.902	2.989	3.718	196.577	
1.000	14.851				
12/16/2015 10:45:00 AM	1291500.000	145.535	21.351	331.720	
5087.199	5468.280	2.990	3.718	196.572	
1.000	14.854				
12/16/2015 11:00:00 AM	1292400.000	145.533	21.358	331.716	
5088.877	5469.366	2.990	3.719	196.507	
1.000	14.840				
12/16/2015 11:15:00 AM	1293300.000	145.498	21.357	331.634	
5088.175	5468.641	2.990	3.719	196.534	
1.000	14.840				
12/16/2015 11:30:00 AM	1294200.000	145.537	21.353	331.724	
5088.187	5469.125	2.990	3.719	196.534	
1.000	14.839				

12/16/2015 11:45:00 AM	1295100.000	145.528	21.355	331.704
5088.738	5469.551	2.990	3.719	196.512
1.000	14.841			
12/16/2015 12:00:00 PM	1296000.000	145.539	21.356	331.729
5088.042	5468.673	2.990	3.719	196.539
1.000	14.835			
12/16/2015 12:15:00 PM	1296900.000	145.533	21.355	331.714
5088.469	5469.183	2.990	3.719	196.523
1.000	14.834			
12/16/2015 12:30:00 PM	1297800.000	145.534	21.359	331.717
5088.225	5468.556	2.990	3.719	196.532
1.000	14.829			
12/16/2015 12:45:00 PM	1298700.000	145.532	21.353	331.711
5088.067	5469.026	2.990	3.719	196.538
1.000	14.829			
12/16/2015 1:00:00 PM	1299600.000	145.546	21.351	331.743
5087.948	5469.094	2.990	3.719	196.543
1.000	14.827			
12/16/2015 1:15:00 PM	1300500.000	145.539	21.358	331.729
5089.528	5469.997	2.991	3.720	196.482
1.000	14.826			
12/16/2015 1:30:00 PM	1301400.000	145.510	21.358	331.663
5088.620	5469.099	2.990	3.719	196.517
1.000	14.821			
12/16/2015 1:45:00 PM	1302300.000	145.538	21.359	331.726
5089.180	5469.603	2.990	3.719	196.495
1.000	14.831			
12/16/2015 2:00:00 PM	1303200.000	145.533	21.359	331.714
5088.938	5469.323	2.990	3.719	196.505
1.000	14.834			
12/16/2015 2:15:00 PM	1304100.000	145.545	21.357	331.743
5088.972	5469.595	2.990	3.719	196.503
1.000	14.823			
12/16/2015 2:30:00 PM	1305000.000	145.537	21.359	331.724
5089.205	5469.520	2.990	3.719	196.494
1.000	14.830			
12/16/2015 2:45:00 PM	1305900.000	145.531	21.349	331.711
5088.814	5470.263	2.991	3.720	196.509
1.000	14.834			
12/16/2015 3:00:00 PM	1306800.000	145.543	21.351	331.738
5088.750	5469.997	2.991	3.720	196.512
1.000	14.828			
12/16/2015 3:15:00 PM	1307700.000	145.575	21.358	331.811
5089.442	5469.904	2.991	3.720	196.485
1.000	14.833			
12/16/2015 3:30:00 PM	1308600.000	145.536	21.351	331.721
5089.644	5470.977	2.991	3.720	196.477
1.000	14.834			
12/16/2015 3:45:00 PM	1309500.000	145.505	21.347	331.651
5088.672	5470.306	2.991	3.720	196.515
1.000	14.831			
12/16/2015 4:00:00 PM	1310400.000	145.540	21.354	331.730
5089.695	5470.707	2.991	3.720	196.475
1.000	14.831			
12/16/2015 4:15:00 PM	1311300.000	145.543	21.354	331.738

5090.840	5471.850	2.992	3.721	196.431
1.000	14.834			
12/16/2015 4:30:00 PM	1312200.000	145.499	21.353	331.638
5090.277	5471.451	2.991	3.721	196.453
1.000	14.834			
12/16/2015 4:45:00 PM	1313100.000	145.543	21.355	331.738
5091.021	5471.975	2.992	3.721	196.424
1.000	14.834			
12/16/2015 5:00:00 PM	1314000.000	145.505	21.359	331.650
5090.595	5471.044	2.991	3.720	196.441
1.000	14.827			
12/16/2015 5:15:00 PM	1314900.000	145.533	21.354	331.714
5090.888	5471.901	2.992	3.721	196.429
1.000	14.831			
12/16/2015 5:30:00 PM	1315800.000	145.544	21.359	331.740
5091.028	5471.579	2.992	3.721	196.424
1.000	14.827			
12/16/2015 5:45:00 PM	1316700.000	145.527	21.361	331.702
5091.807	5472.189	2.992	3.721	196.394
1.000	14.834			
12/16/2015 6:00:00 PM	1317600.000	145.496	21.355	331.630
5092.039	5473.109	2.992	3.722	196.385
1.000	14.837			
12/16/2015 6:15:00 PM	1318500.000	145.530	21.361	331.708
5092.493	5472.887	2.992	3.722	196.367
1.000	14.837			
12/16/2015 6:30:00 PM	1319400.000	145.533	21.355	331.714
5090.961	5471.951	2.992	3.721	196.427
1.000	14.842			
12/16/2015 6:45:00 PM	1320300.000	145.522	21.360	331.689
5091.428	5471.881	2.992	3.721	196.409
1.000	14.842			
12/16/2015 7:00:00 PM	1321200.000	145.525	21.356	331.696
5091.419	5472.274	2.992	3.721	196.409
1.000	14.839			
12/16/2015 7:15:00 PM	1322100.000	145.514	21.359	331.671
5092.218	5472.758	2.992	3.721	196.378
1.000	14.844			
12/16/2015 7:30:00 PM	1323000.000	145.522	21.360	331.690
5091.163	5471.615	2.992	3.721	196.419
1.000	14.836			
12/16/2015 7:45:00 PM	1323900.000	145.516	21.358	331.675
5091.815	5472.543	2.992	3.721	196.394
1.000	14.841			
12/16/2015 8:00:00 PM	1324800.000	145.534	21.356	331.718
5091.346	5472.176	2.992	3.721	196.412
1.000	14.840			
12/16/2015 8:15:00 PM	1325700.000	145.520	21.355	331.684
5091.944	5473.007	2.992	3.722	196.389
1.000	14.844			
12/16/2015 8:30:00 PM	1326600.000	145.516	21.356	331.677
5092.516	5473.443	2.993	3.722	196.367
1.000	14.849			
12/16/2015 8:45:00 PM	1327500.000	145.506	21.351	331.652
5091.439	5472.916	2.992	3.722	196.408

1.000	14.850				
12/16/2015 9:00:00 PM	1328400.000	145.551	21.358	331.755	
5091.258	5471.856	2.992	3.721	196.415	
1.000	14.847				
12/16/2015 9:15:00 PM	1329300.000	145.466	21.358	331.561	
5091.834	5472.515	2.992	3.721	196.393	
1.000	14.849				
12/16/2015 9:30:00 PM	1330200.000	145.499	21.358	331.637	
5092.015	5472.698	2.992	3.721	196.386	
1.000	14.848				
12/16/2015 9:45:00 PM	1331100.000	145.464	21.355	331.557	
5092.196	5473.268	2.993	3.722	196.379	
1.000	14.847				
12/16/2015 10:00:00 PM	1332000.000	145.500	21.355	331.639	
5091.995	5473.051	2.992	3.722	196.387	
1.000	14.852				
12/16/2015 10:15:00 PM	1332900.000	145.493	21.353	331.623	
5091.092	5472.327	2.992	3.721	196.422	
1.000	14.851				
12/16/2015 10:30:00 PM	1333800.000	145.499	21.355	331.638	
5091.354	5472.381	2.992	3.721	196.411	
1.000	14.850				
12/16/2015 10:45:00 PM	1334700.000	145.492	21.352	331.622	
5091.149	5472.506	2.992	3.721	196.419	
1.000	14.851				
12/16/2015 11:00:00 PM	1335600.000	145.447	21.352	331.519	
5091.716	5473.007	2.992	3.722	196.397	
1.000	14.855				
12/16/2015 11:15:00 PM	1336500.000	145.490	21.352	331.616	
5090.669	5471.932	2.992	3.721	196.438	
1.000	14.851				
12/16/2015 11:30:00 PM	1337400.000	145.489	21.351	331.615	
5090.803	5472.232	2.992	3.721	196.433	
1.000	14.851				
12/16/2015 11:45:00 PM	1338300.000	145.484	21.349	331.604	
5089.554	5471.107	2.991	3.720	196.481	
1.000	14.852				

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00		0 88.841	17.2	1173.3
12/10/2015	0:15:00		0 88.901	17.2	1172.2
12/10/2015	0:30:00		0 88.928	17.2	1174.5
12/10/2015	0:45:00		0 88.795	17.2	1169.9
12/10/2015	1:00:00		0 88.851	17.2	1171
12/10/2015	1:15:00		0 88.929	17.2	1169.9
12/10/2015	1:30:00		0 88.961	17.2	1172.2
12/10/2015	1:45:00		0 88.958	17.2	1171
12/10/2015	2:00:00		0 88.927	17.2	1169.9
12/10/2015	2:15:00		0 88.88	17.2	1172.2
12/10/2015	2:30:00		0 88.93	17.2	1171
12/10/2015	2:45:00		0 88.924	17.2	1173.3
12/10/2015	3:00:00		0 88.91	17.2	1174.5
12/10/2015	3:15:00		0 88.906	17.2	1168.7
12/10/2015	3:30:00		0 88.97	17.2	1172.2
12/10/2015	3:45:00		0 88.988	17.2	1173.3
12/10/2015	4:00:00		0 88.929	17.2	1169.9
12/10/2015	4:15:00		0 88.961	17.2	1169.9
12/10/2015	4:30:00		0 88.978	17.2	1172.2
12/10/2015	4:45:00		0 88.959	17.2	1171
12/10/2015	5:00:00		0 88.888	17.2	1174.5
12/10/2015	5:15:00		0 88.948	17.2	1169.9
12/10/2015	5:30:00		0 88.948	17.2	1174.5
12/10/2015	5:45:00		0 88.918	17.2	1172.2
12/10/2015	6:00:00		0 89.002	17.2	1173.3
12/10/2015	6:15:00		0 88.934	17.2	1173.3
12/10/2015	6:30:00		0 89	17.2	1173.3
12/10/2015	6:45:00		0 89.021	17.2	1174.5
12/10/2015	7:00:00		0 89.029	17.2	1169.9
12/10/2015	7:15:00		0 88.947	17.2	1171
12/10/2015	7:30:00		0 88.97	17.2	1174.5

12/10/2015	7:45:00	0	88.922	17.2	1173.3
12/10/2015	8:00:00	0	88.981	17.2	1175.7
12/10/2015	8:15:00	0	88.977	17.2	1173.3
12/10/2015	8:30:00	0	88.955	17.2	1169.9
12/10/2015	8:45:00	0	88.94	17.2	1172.2
12/10/2015	9:00:00	0	89.044	17.2	1172.2
12/10/2015	9:15:00	0	89.036	17.2	1169.9
12/10/2015	9:30:00	0	89.025	17.2	1172.2
12/10/2015	9:45:00	0	88.952	17.2	1169.9
12/10/2015	10:00:00	0	89.014	17.2	1171
12/10/2015	10:15:00	0	88.991	17.2	1172.2
12/10/2015	10:30:00	0	88.969	17.2	1172.2
12/10/2015	10:45:00	0	88.948	17.2	1172.2
12/10/2015	11:00:00	0	88.948	17.2	1172.2
12/10/2015	11:15:00	0	88.927	17.2	1169.9
12/10/2015	11:30:00	0	88.988	17.2	1172.2
12/10/2015	11:45:00	0	88.953	17.2	1174.5
12/10/2015	12:00:00	0	89.131	17.2	1174.5
12/10/2015	12:15:00	0	88.967	17.2	1171
12/10/2015	12:30:00	0	88.931	17.2	1172.2
12/10/2015	12:45:00	0	88.93	17.2	1172.2
12/10/2015	13:00:00	0	88.973	17.2	1171
12/10/2015	13:15:00	0	88.941	17.2	1172.2
12/10/2015	13:30:00	0	89.04	17.2	1173.3
12/10/2015	13:45:00	0	89.009	17.2	1174.5
12/10/2015	14:00:00	0	89.093	17.2	1174.5
12/10/2015	14:15:00	0	89.013	17.2	1172.2
12/10/2015	14:30:00	0	89.047	17.2	1171
12/10/2015	14:45:00	0	89.026	17.2	1172.2
12/10/2015	15:00:00	0	88.97	17.2	1169.9
12/10/2015	15:15:00	0	89.052	17.2	1171
12/10/2015	15:30:00	0	89.029	17.2	1172.2
12/10/2015	15:45:00	0	89.049	17.2	1172.2
12/10/2015	16:00:00	0	89.011	17.2	1173.3
12/10/2015	16:15:00	0	89.016	17.2	1171
12/10/2015	16:30:00	0	89.051	17.2	1171
12/10/2015	16:45:00	0	89.05	17.2	1171
12/10/2015	17:00:00	0	89.001	17.2	1171
12/10/2015	17:15:00	0	89.067	17.2	1171
12/10/2015	17:30:00	0	89.075	17.2	1171
12/10/2015	17:45:00	0	89.059	17.2	1169.9
12/10/2015	18:00:00	0	89.044	17.2	1171
12/10/2015	18:15:00	0	89.045	17.2	1174.5
12/10/2015	18:30:00	0	89.069	17.2	1172.2
12/10/2015	18:45:00	0	89.049	17.2	1173.3
12/10/2015	19:00:00	0	89.034	17.2	1171
12/10/2015	19:15:00	0	89.059	17.2	1169.9

12/10/2015	19:30:00	0	89.03	17.2	1171
12/10/2015	19:45:00	0	89.081	17.2	1169.9
12/10/2015	20:00:00	0	89.058	17.2	1169.9
12/10/2015	20:15:00	0	89.045	17.2	1171
12/10/2015	20:30:00	0	89.021	17.2	1173.3
12/10/2015	20:45:00	0	89.067	17.2	1174.5
12/10/2015	21:00:00	0	89.07	17.2	1172.2
12/10/2015	21:15:00	0	89.073	17.2	1172.2
12/10/2015	21:30:00	0	89.098	17.2	1173.3
12/10/2015	21:45:00	0	89.085	17.2	1171
12/10/2015	22:00:00	0	89.077	17.2	1172.2
12/10/2015	22:15:00	0	89.043	17.2	1172.2
12/10/2015	22:30:00	0	89.086	17.2	1171
12/10/2015	22:45:00	0	89.068	17.2	1172.2
12/10/2015	23:00:00	0	89.014	17.2	1173.3
12/10/2015	23:15:00	0	89.079	17.2	1172.2
12/10/2015	23:30:00	0	89.07	17.2	1169.9
12/10/2015	23:45:00	0	89.125	17.2	1173.3
12/11/2015	0:00:00	0	89.107	17.2	1171
12/11/2015	0:15:00	0	89.099	17.2	1173.3
12/11/2015	0:30:00	0	89.078	17.2	1172.2
12/11/2015	0:45:00	0	89.12	17.2	1169.9
12/11/2015	1:00:00	0	89.08	17.2	1171
12/11/2015	1:15:00	0	89.129	17.2	1169.9
12/11/2015	1:30:00	0	89.104	17.2	1174.5
12/11/2015	1:45:00	0	89.129	17.2	1173.3
12/11/2015	2:00:00	0	89.108	17.2	1172.2
12/11/2015	2:15:00	0	89.149	17.2	1172.2
12/11/2015	2:30:00	0	89.135	17.2	1174.5
12/11/2015	2:45:00	0	89.106	17.2	1174.5
12/11/2015	3:00:00	0	89.151	17.2	1174.5
12/11/2015	3:15:00	0	89.178	17.2	1169.9
12/11/2015	3:30:00	0	89.179	17.2	1172.2
12/11/2015	3:45:00	0	89.146	17.2	1172.2
12/11/2015	4:00:00	0	89.187	17.2	1167.6
12/11/2015	4:15:00	0	89.17	17.2	1171
12/11/2015	4:30:00	0	89.155	17.2	1171
12/11/2015	4:45:00	0	89.177	17.2	1169.9
12/11/2015	5:00:00	0	89.186	17.2	1175.7
12/11/2015	5:15:00	0	89.191	17.2	1173.3
12/11/2015	5:30:00	0	89.189	17.2	1173.3
12/11/2015	5:45:00	0	89.224	17.2	1172.2
12/11/2015	6:00:00	0	89.236	17.2	1172.2
12/11/2015	6:15:00	0	89.193	17.2	1169.9
12/11/2015	6:30:00	0	89.195	17.2	1169.9
12/11/2015	6:45:00	0	89.204	17.2	1172.2
12/11/2015	7:00:00	0	89.198	17.2	1173.3

12/11/2015	7:15:00	0	89.216	17.2	1174.5
12/11/2015	7:30:00	0	89.213	17.2	1173.3
12/11/2015	7:45:00	0	89.213	17.2	1172.2
12/11/2015	8:00:00	0	89.224	17.2	1174.5
12/11/2015	8:15:00	0	89.214	17.2	1171
12/11/2015	8:30:00	0	89.2	17.2	1174.5
12/11/2015	8:45:00	0	89.197	17.2	1174.5
12/11/2015	9:00:00	0	89.196	17.2	1173.3
12/11/2015	9:15:00	0	89.228	17.2	1169.9
12/11/2015	9:30:00	0	89.22	17.2	1169.9
12/11/2015	9:45:00	0	89.238	17.2	1172.2
12/11/2015	10:00:00	0	89.231	17.2	1171
12/11/2015	10:15:00	0	89.239	17.2	1171
12/11/2015	10:30:00	0	89.193	17.2	1172.2
12/11/2015	10:45:00	0	89.228	17.2	1172.2
12/11/2015	11:00:00	0	89.206	17.2	1173.3
12/11/2015	11:15:00	0	89.226	17.2	1172.2
12/11/2015	11:30:00	0	89.206	17.2	1171
12/11/2015	11:45:00	0	89.21	17.2	1172.2
12/11/2015	12:00:00	0	89.228	17.2	1179.1
12/11/2015	12:15:00	0	89.216	17.2	1172.2
12/11/2015	12:30:00	0	89.238	17.2	1171
12/11/2015	12:45:00	0	89.241	17.2	1171
12/11/2015	13:00:00	0	89.24	17.2	1176.8
12/11/2015	13:15:00	0	89.265	17.2	1169.9
12/11/2015	13:30:00	0	89.224	17.2	1171
12/11/2015	13:45:00	0	89.226	17.2	1172.2
12/11/2015	14:00:00	0	89.246	17.2	1172.2
12/11/2015	14:15:00	0	89.224	17.2	1171
12/11/2015	14:30:00	0	89.209	17.2	1168.7
12/11/2015	14:45:00	0	89.228	17.2	1173.3
12/11/2015	15:00:00	0	89.226	17.2	1169.9
12/11/2015	15:15:00	0	89.219	17.2	1171
12/11/2015	15:30:00	0	89.238	17.2	1171
12/11/2015	15:45:00	0	89.216	17.2	1169.9
12/11/2015	16:00:00	0	89.249	17.2	1169.9
12/11/2015	16:15:00	0	89.206	17.2	1169.9
12/11/2015	16:30:00	0	89.256	17.2	1169.9
12/11/2015	16:45:00	0	89.229	17.2	1172.2
12/11/2015	17:00:00	0	89.245	17.2	1167.6
12/11/2015	17:15:00	0	89.221	17.2	1169.9
12/11/2015	17:30:00	0	89.258	17.2	1173.3
12/11/2015	17:45:00	0	89.276	17.2	1171
12/11/2015	18:00:00	0	89.249	17.2	1173.3
12/11/2015	18:15:00	0	89.259	17.2	1172.2
12/11/2015	18:30:00	0	89.255	17.2	1172.2
12/11/2015	18:45:00	0	89.233	17.2	1172.2

12/11/2015	19:00:00	0	89.252	17.2	1173.3
12/11/2015	19:15:00	0	89.249	17.2	1172.2
12/11/2015	19:30:00	0	89.267	17.2	1172.2
12/11/2015	19:45:00	0	89.244	17.2	1174.5
12/11/2015	20:00:00	0	89.237	17.2	1169.9
12/11/2015	20:15:00	0	89.208	17.2	1168.7
12/11/2015	20:30:00	0	89.249	17.2	1169.9
12/11/2015	20:45:00	0	89.212	17.2	1171
12/11/2015	21:00:00	0	89.247	17.2	1171
12/11/2015	21:15:00	0	89.284	17.2	1172.2
12/11/2015	21:30:00	0	89.238	17.2	1176.8
12/11/2015	21:45:00	0	89.255	17.2	1172.2
12/11/2015	22:00:00	0	89.232	17.2	1172.2
12/11/2015	22:15:00	0	89.212	17.2	1174.5
12/11/2015	22:30:00	0	89.185	17.2	1169.9
12/11/2015	22:45:00	0	89.224	17.2	1171
12/11/2015	23:00:00	0	89.241	17.2	1174.5
12/11/2015	23:15:00	0	89.243	17.2	1171
12/11/2015	23:30:00	0	89.275	17.2	1174.5
12/11/2015	23:45:00	0	89.254	17.2	1172.2
12/12/2015	0:00:00	0	89.259	17.2	1172.2
12/12/2015	0:15:00	0	89.258	17.2	1169.9
12/12/2015	0:30:00	0	89.218	17.2	1169.9
12/12/2015	0:45:00	0	89.196	17.2	1175.7
12/12/2015	1:00:00	0	89.233	17.2	1174.5
12/12/2015	1:15:00	0	89.245	17.2	1171
12/12/2015	1:30:00	0	89.197	17.2	1173.3
12/12/2015	1:45:00	0	89.23	17.2	1171
12/12/2015	2:00:00	0	89.225	17.2	1171
12/12/2015	2:15:00	0	89.264	17.2	1174.5
12/12/2015	2:30:00	0	89.223	17.2	1169.9
12/12/2015	2:45:00	0	89.263	17.2	1172.2
12/12/2015	3:00:00	0	89.202	17.2	1172.2
12/12/2015	3:15:00	0	89.243	17.2	1166.4
12/12/2015	3:30:00	0	89.322	17.2	1168.7
12/12/2015	3:45:00	0	89.29	17.2	1165.2
12/12/2015	4:00:00	0	89.272	17.2	1172.2
12/12/2015	4:15:00	0	89.254	17.2	1171
12/12/2015	4:30:00	0	89.264	17.2	1169.9
12/12/2015	4:45:00	0	89.259	17.2	1175.7
12/12/2015	5:00:00	0	89.254	17.2	1169.9
12/12/2015	5:15:00	0	89.267	17.2	1168.7
12/12/2015	5:30:00	0	89.253	17.2	1173.3
12/12/2015	5:45:00	0	89.292	17.2	1173.3
12/12/2015	6:00:00	0	89.267	17.2	1174.5
12/12/2015	6:15:00	0	89.286	17.2	1171
12/12/2015	6:30:00	0	89.294	17.2	1173.3

12/12/2015	6:45:00	0	89.287	17.2	1167.6
12/12/2015	7:00:00	0	89.321	17.2	1171
12/12/2015	7:15:00	0	89.316	17.2	1171
12/12/2015	7:30:00	0	89.315	17.2	1174.5
12/12/2015	7:45:00	0	89.292	17.2	1172.2
12/12/2015	8:00:00	0	89.284	17.2	1167.6
12/12/2015	8:15:00	0	89.282	17.2	1169.9
12/12/2015	8:30:00	0	89.303	17.2	1167.6
12/12/2015	8:45:00	0	89.313	17.2	1165.2
12/12/2015	9:00:00	0	89.285	17.2	1171
12/12/2015	9:15:00	0	89.297	17.2	1172.2
12/12/2015	9:30:00	0	89.274	17.2	1176.8
12/12/2015	9:45:00	0	89.293	17.2	1174.5
12/12/2015	10:00:00	0	89.245	17.2	1172.2
12/12/2015	10:15:00	0	89.295	17.2	1169.9
12/12/2015	10:30:00	0	89.292	17.2	1172.2
12/12/2015	10:45:00	0	89.309	17.2	1174.5
12/12/2015	11:00:00	0	89.274	17.2	1169.9
12/12/2015	11:15:00	0	89.3	17.2	1172.2
12/12/2015	11:30:00	0	89.307	17.2	1168.7
12/12/2015	11:45:00	0	89.303	17.2	1168.7
12/12/2015	12:00:00	0	89.299	17.2	1167.6
12/12/2015	12:15:00	0	89.283	17.2	1173.3
12/12/2015	12:30:00	0	89.264	17.2	1174.5
12/12/2015	12:45:00	0	89.299	17.2	1173.3
12/12/2015	13:00:00	0	89.323	17.2	1172.2
12/12/2015	13:15:00	0	89.234	17.2	1171
12/12/2015	13:30:00	0	89.285	17.2	1166.4
12/12/2015	13:45:00	0	89.318	17.2	1172.2
12/12/2015	14:00:00	0	89.288	17.2	1178
12/12/2015	14:15:00	0	89.28	17.2	1174.5
12/12/2015	14:30:00	0	89.315	17.2	1172.2
12/12/2015	14:45:00	0	89.316	17.2	1176.8
12/12/2015	15:00:00	0	89.338	17.2	1172.2
12/12/2015	15:15:00	0	89.278	17.2	1171
12/12/2015	15:30:00	0	89.331	17.2	1174.5
12/12/2015	15:45:00	0	89.33	17.2	1173.3
12/12/2015	16:00:00	0	89.305	17.2	1169.9
12/12/2015	16:15:00	0	89.304	17.2	1175.7
12/12/2015	16:30:00	0	89.342	17.2	1174.5
12/12/2015	16:45:00	0	89.317	17.2	1172.2
12/12/2015	17:00:00	0	89.338	17.2	1166.4
12/12/2015	17:15:00	0	89.32	17.2	1172.2
12/12/2015	17:30:00	0	89.32	17.2	1176.8
12/12/2015	17:45:00	0	89.335	17.2	1169.9
12/12/2015	18:00:00	0	89.349	17.2	1167.6
12/12/2015	18:15:00	0	89.286	17.2	1172.2

12/12/2015	18:30:00	0	89.341	17.2	1168.7
12/12/2015	18:45:00	0	89.341	17.2	1171
12/12/2015	19:00:00	0	89.302	17.2	1175.7
12/12/2015	19:15:00	0	89.342	17.2	1171
12/12/2015	19:30:00	0	89.301	17.2	1171
12/12/2015	19:45:00	0	89.281	17.2	1175.7
12/12/2015	20:00:00	0	89.253	17.2	1173.3
12/12/2015	20:15:00	0	89.294	17.2	1173.3
12/12/2015	20:30:00	0	89.333	17.2	1172.2
12/12/2015	20:45:00	0	89.351	17.2	1174.5
12/12/2015	21:00:00	0	89.334	17.2	1171
12/12/2015	21:15:00	0	89.254	17.2	1171
12/12/2015	21:30:00	0	89.335	17.2	1171
12/12/2015	21:45:00	0	89.336	17.2	1169.9
12/12/2015	22:00:00	0	89.334	17.2	1174.5
12/12/2015	22:15:00	0	89.332	17.2	1172.2
12/12/2015	22:30:00	0	89.331	17.2	1174.5
12/12/2015	22:45:00	0	89.291	17.2	1176.8
12/12/2015	23:00:00	0	89.294	17.2	1172.2
12/12/2015	23:15:00	0	89.297	17.2	1169.9
12/12/2015	23:30:00	0	89.256	17.2	1175.7
12/12/2015	23:45:00	0	89.317	17.2	1172.2
12/13/2015	0:00:00	0	89.3	17.2	1168.7
12/13/2015	0:15:00	0	89.364	17.2	1171
12/13/2015	0:30:00	0	89.305	17.2	1173.3
12/13/2015	0:45:00	0	89.306	17.2	1172.2
12/13/2015	1:00:00	0	89.33	17.2	1171
12/13/2015	1:15:00	0	89.329	17.2	1169.9
12/13/2015	1:30:00	0	89.313	17.2	1172.2
12/13/2015	1:45:00	0	89.298	17.2	1168.7
12/13/2015	2:00:00	0	89.344	17.2	1172.2
12/13/2015	2:15:00	0	89.363	17.2	1173.3
12/13/2015	2:30:00	0	89.299	17.2	1172.2
12/13/2015	2:45:00	0	89.387	17.2	1171
12/13/2015	3:00:00	0	89.376	17.2	1172.2
12/13/2015	3:15:00	0	89.32	17.2	1172.2
12/13/2015	3:30:00	0	89.353	17.2	1169.9
12/13/2015	3:45:00	0	89.342	17.2	1173.3
12/13/2015	4:00:00	0	89.35	17.2	1174.5
12/13/2015	4:15:00	0	89.344	17.2	1169.9
12/13/2015	4:30:00	0	89.387	17.2	1169.9
12/13/2015	4:45:00	0	89.392	17.2	1174.5
12/13/2015	5:00:00	0	89.373	17.2	1172.2
12/13/2015	5:15:00	0	89.364	17.2	1172.2
12/13/2015	5:30:00	0	89.383	17.2	1172.2
12/13/2015	5:45:00	0	89.367	17.2	1169.9
12/13/2015	6:00:00	0	89.358	17.2	1172.2

12/13/2015	6:15:00	0	89.448	17.2	1168.7
12/13/2015	6:30:00	0	89.4	17.2	1171
12/13/2015	6:45:00	0	89.365	17.2	1169.9
12/13/2015	7:00:00	0	89.381	17.2	1174.5
12/13/2015	7:15:00	0	89.401	17.2	1171
12/13/2015	7:30:00	0	89.433	17.2	1169.9
12/13/2015	7:45:00	0	89.405	17.2	1175.7
12/13/2015	8:00:00	0	89.388	17.2	1174.5
12/13/2015	8:15:00	0	89.391	17.2	1173.3
12/13/2015	8:30:00	0	89.423	17.2	1171
12/13/2015	8:45:00	0	89.478	17.2	1168.7
12/13/2015	9:00:00	0	89.467	17.2	1171
12/13/2015	9:15:00	0	89.434	17.2	1173.3
12/13/2015	9:30:00	0	89.43	17.2	1169.9
12/13/2015	9:45:00	0	89.47	17.2	1173.3
12/13/2015	10:00:00	0	89.433	17.2	1174.5
12/13/2015	10:15:00	0	89.428	17.2	1176.8
12/13/2015	10:30:00	0	89.489	17.2	1169.9
12/13/2015	10:45:00	0	89.457	17.2	1179.1
12/13/2015	11:00:00	0	89.475	17.2	1172.2
12/13/2015	11:15:00	0	89.482	17.2	1173.3
12/13/2015	11:30:00	0	89.468	17.2	1172.2
12/13/2015	11:45:00	0	89.488	17.2	1171
12/13/2015	12:00:00	0	89.47	17.2	1176.8
12/13/2015	12:15:00	0	89.504	17.2	1167.6
12/13/2015	12:30:00	0	89.436	17.2	1168.7
12/13/2015	12:45:00	0	89.511	17.2	1173.3
12/13/2015	13:00:00	0	89.475	17.2	1176.8
12/13/2015	13:15:00	0	89.452	17.1	1174.2
12/13/2015	13:30:00	0	89.489	17.2	1172.2
12/13/2015	13:45:00	0	89.485	17.2	1173.3
12/13/2015	14:00:00	0	89.503	17.2	1169.9
12/13/2015	14:15:00	0	89.404	17.2	1169.9
12/13/2015	14:30:00	0	89.462	17.2	1171
12/13/2015	14:45:00	0	89.478	17.2	1172.2
12/13/2015	15:00:00	0	89.481	17.2	1171
12/13/2015	15:15:00	0	89.518	17.2	1176.8
12/13/2015	15:30:00	0	89.475	17.2	1176.8
12/13/2015	15:45:00	0	89.455	17.2	1173.3
12/13/2015	16:00:00	0	89.514	17.2	1167.6
12/13/2015	16:15:00	0	89.513	17.2	1175.7
12/13/2015	16:30:00	0	89.499	17.2	1172.2
12/13/2015	16:45:00	0	89.52	17.2	1172.2
12/13/2015	17:00:00	0	89.487	17.2	1173.3
12/13/2015	17:15:00	0	89.471	17.2	1174.5
12/13/2015	17:30:00	0	89.503	17.2	1171
12/13/2015	17:45:00	0	89.484	17.2	1173.3

12/13/2015	18:00:00	0	89.458	17.2	1166.4
12/13/2015	18:15:00	0	89.529	17.2	1169.9
12/13/2015	18:30:00	0	89.486	17.2	1172.2
12/13/2015	18:45:00	0	89.483	17.2	1176.8
12/13/2015	19:00:00	0	89.485	17.2	1171
12/13/2015	19:15:00	0	89.503	17.2	1174.5
12/13/2015	19:30:00	0	89.476	17.2	1172.2
12/13/2015	19:45:00	0	89.518	17.2	1174.5
12/13/2015	20:00:00	0	89.479	17.2	1173.3
12/13/2015	20:15:00	0	89.496	17.2	1175.7
12/13/2015	20:30:00	0	89.433	17.2	1173.3
12/13/2015	20:45:00	0	89.47	17.2	1168.7
12/13/2015	21:00:00	0	89.505	17.2	1174.5
12/13/2015	21:15:00	0	89.486	17.2	1174.5
12/13/2015	21:30:00	0	89.491	17.2	1173.3
12/13/2015	21:45:00	0	89.449	17.1	1177.7
12/13/2015	22:00:00	0	89.433	17.2	1169.9
12/13/2015	22:15:00	0	89.472	17.2	1172.2
12/13/2015	22:30:00	0	89.463	17.2	1174.5
12/13/2015	22:45:00	0	89.505	17.2	1169.9
12/13/2015	23:00:00	0	89.474	17.2	1173.3
12/13/2015	23:15:00	0	89.438	17.2	1171
12/13/2015	23:30:00	0	89.493	17.1	1176.5
12/13/2015	23:45:00	0	89.455	17.2	1167.6
12/14/2015	0:00:00	0	89.456	17.2	1167.6
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12/14/2015	0:30:00	0	89.461	17.2	1171
12/14/2015	0:45:00	0	89.437	17.2	1167.6
12/14/2015	1:00:00	0	89.453	17.2	1169.9
12/14/2015	1:15:00	0	89.489	17.2	1173.3
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12/14/2015	2:00:00	0	89.442	17.2	1174.5
12/14/2015	2:15:00	0	89.433	17.2	1172.2
12/14/2015	2:30:00	0	89.431	17.2	1173.3
12/14/2015	2:45:00	0	89.455	17.2	1169.9
12/14/2015	3:00:00	0	89.498	17.2	1174.5
12/14/2015	3:15:00	0	89.459	17.2	1169.9
12/14/2015	3:30:00	0	89.48	17.2	1169.9
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12/14/2015	4:00:00	0	89.486	17.2	1169.9
12/14/2015	4:15:00	0	89.483	17.2	1173.3
12/14/2015	4:30:00	0	89.483	17.2	1172.2
12/14/2015	4:45:00	0	89.503	17.2	1172.2
12/14/2015	5:00:00	0	89.484	17.2	1168.7
12/14/2015	5:15:00	0	89.499	17.2	1174.5
12/14/2015	5:30:00	0	89.517	17.2	1174.5

12/14/2015	5:45:00	0	89.472	17.2	1169.9
12/14/2015	6:00:00	0	89.532	17.2	1174.5
12/14/2015	6:15:00	0	89.493	17.2	1167.6
12/14/2015	6:30:00	0	89.567	17.2	1176.8
12/14/2015	6:45:00	0	89.505	17.2	1174.5
12/14/2015	7:00:00	0	89.54	17.2	1173.3
12/14/2015	7:15:00	0	89.497	17.2	1169.9
12/14/2015	7:30:00	0	89.535	17.2	1169.9
12/14/2015	7:45:00	0	89.494	17.2	1173.3
12/14/2015	8:00:00	0	89.551	17.2	1168.7
12/14/2015	8:15:00	0	89.542	17.2	1169.9
12/14/2015	8:30:00	0	89.456	17.2	1173.3
12/14/2015	8:45:00	0	89.448	17.2	1175.7
12/14/2015	9:00:00	0	89.458	17.2	1171
12/14/2015	9:15:00	0	89.456	17.2	1172.2
12/14/2015	9:30:00	0	89.521	17.2	1167.6
12/14/2015	9:45:00	0	89.496	17.2	1168.7
12/14/2015	10:00:00	0	89.475	17.2	1171
12/14/2015	10:15:00	0	89.515	17.2	1174.5
12/14/2015	10:30:00	0	89.514	17.1	1178.8
12/14/2015	10:45:00	0	89.531	17.2	1172.2
12/14/2015	11:00:00	0	89.536	17.2	1169.9
12/14/2015	11:15:00	0	89.461	17.2	1173.3
12/14/2015	11:30:00	0	89.484	17.2	1174.5
12/14/2015	11:45:00	0	89.487	17.2	1172.2
12/14/2015	12:00:00	0	89.538	17.2	1171
12/14/2015	12:15:00	0	89.523	17.2	1167.6
12/14/2015	12:30:00	0	89.55	17.2	1169.9
12/14/2015	12:45:00	0	89.509	17.2	1171
12/14/2015	13:00:00	0	89.552	17.2	1171
12/14/2015	13:15:00	0	89.472	17.2	1171
12/14/2015	13:30:00	0	89.475	17.2	1169.9
12/14/2015	13:45:00	0	89.515	17.2	1172.2
12/14/2015	14:00:00	0	89.529	17.2	1168.7
12/14/2015	14:15:00	0	89.492	17.2	1174.5
12/14/2015	14:30:00	0	89.53	17.2	1169.9
12/14/2015	14:45:00	0	89.552	17.2	1173.3
12/14/2015	15:00:00	0	89.53	17.2	1169.9
12/14/2015	15:15:00	0	89.555	17.2	1174.5
12/14/2015	15:30:00	0	89.537	17.2	1180.3
12/14/2015	15:45:00	0	89.54	17.2	1174.5
12/14/2015	16:00:00	0	89.537	17.2	1174.5
12/14/2015	16:15:00	0	89.556	17.2	1169.9
12/14/2015	16:30:00	0	89.525	17.1	1175.4
12/14/2015	16:45:00	0	89.53	17.2	1174.5
12/14/2015	17:00:00	0	89.512	17.2	1168.7
12/14/2015	17:15:00	0	89.495	17.2	1176.8

12/14/2015	17:30:00	0	89.514	17.2	1173.3
12/14/2015	17:45:00	0	89.554	17.2	1173.3
12/14/2015	18:00:00	0	89.531	17.2	1169.9
12/14/2015	18:15:00	0	89.567	17.2	1168.7
12/14/2015	18:30:00	0	89.525	17.2	1173.3
12/14/2015	18:45:00	0	89.504	17.2	1167.6
12/14/2015	19:00:00	0	89.543	17.2	1172.2
12/14/2015	19:15:00	0	89.537	17.2	1174.5
12/14/2015	19:30:00	0	89.551	17.2	1172.2
12/14/2015	19:45:00	0	89.495	17.2	1171
12/14/2015	20:00:00	0	89.517	17.2	1174.5
12/14/2015	20:15:00	0	89.499	17.2	1168.7
12/14/2015	20:30:00	0	89.503	17.2	1174.5
12/14/2015	20:45:00	0	89.545	17.2	1174.5
12/14/2015	21:00:00	0	89.494	17.2	1171
12/14/2015	21:15:00	0	89.48	17.2	1172.2
12/14/2015	21:30:00	0	89.556	17.2	1173.3
12/14/2015	21:45:00	0	89.512	17.2	1173.3
12/14/2015	22:00:00	0	89.513	17.1	1173.1
12/14/2015	22:15:00	0	89.557	17.2	1172.2
12/14/2015	22:30:00	0	89.462	17.2	1172.2
12/14/2015	22:45:00	0	89.54	17.2	1175.7
12/14/2015	23:00:00	0	89.576	17.2	1175.7
12/14/2015	23:15:00	0	89.564	17.2	1174.5
12/14/2015	23:30:00	0	89.567	17.2	1172.2
12/14/2015	23:45:00	0	89.512	17.2	1173.3
12/15/2015	0:00:00	0	89.514	17.1	1177.7
12/15/2015	0:15:00	0	89.499	17.2	1168.7
12/15/2015	0:30:00	0	89.562	17.2	1172.2
12/15/2015	0:45:00	0	89.51	17.2	1173.3
12/15/2015	1:00:00	0	89.528	17.2	1172.2
12/15/2015	1:15:00	0	89.53	17.2	1169.9
12/15/2015	1:30:00	0	89.528	17.2	1171
12/15/2015	1:45:00	0	89.567	17.2	1175.7
12/15/2015	2:00:00	0	89.507	17.2	1174.5
12/15/2015	2:15:00	0	89.543	17.2	1172.2
12/15/2015	2:30:00	0	89.523	17.2	1172.2
12/15/2015	2:45:00	0	89.521	17.2	1174.5
12/15/2015	3:00:00	0	89.558	17.2	1176.8
12/15/2015	3:15:00	0	89.552	17.2	1172.2
12/15/2015	3:30:00	0	89.545	17.2	1172.2
12/15/2015	3:45:00	0	89.524	17.2	1171
12/15/2015	4:00:00	0	89.505	17.1	1174.2
12/15/2015	4:15:00	0	89.58	17.2	1172.2
12/15/2015	4:30:00	0	89.539	17.2	1167.6
12/15/2015	4:45:00	0	89.516	17.2	1169.9
12/15/2015	5:00:00	0	89.536	17.2	1175.7

12/15/2015	5:15:00	0	89.552	17.2	1168.7
12/15/2015	5:30:00	0	89.571	17.2	1173.3
12/15/2015	5:45:00	0	89.511	17.2	1172.2
12/15/2015	6:00:00	0	89.529	17.2	1176.8
12/15/2015	6:15:00	0	89.545	17.2	1175.7
12/15/2015	6:30:00	0	89.559	17.2	1171
12/15/2015	6:45:00	0	89.557	17.2	1168.7
12/15/2015	7:00:00	0	89.557	17.2	1172.2
12/15/2015	7:15:00	0	89.55	17.2	1174.5
12/15/2015	7:30:00	0	89.545	17.2	1174.5
12/15/2015	7:45:00	0	89.561	17.2	1166.4
12/15/2015	8:00:00	0	89.559	17.2	1174.5
12/15/2015	8:15:00	0	89.549	17.2	1176.8
12/15/2015	8:30:00	0	89.542	17.2	1173.3
12/15/2015	8:45:00	0	89.536	17.2	1174.5
12/15/2015	9:00:00	0	89.513	17.2	1174.5
12/15/2015	9:15:00	0	89.509	17.2	1173.3
12/15/2015	9:30:00	0	89.524	17.2	1169.9
12/15/2015	9:45:00	0	89.536	17.2	1173.3
12/15/2015	10:00:00	0	89.492	17.2	1176.8
12/15/2015	10:15:00	0	89.55	17.2	1172.2
12/15/2015	10:30:00	0	89.526	17.2	1172.2
12/15/2015	10:45:00	0	89.512	17.2	1172.2
12/15/2015	11:00:00	0	89.493	17.2	1174.5
12/15/2015	11:15:00	0	89.536	17.2	1172.2
12/15/2015	11:30:00	0	89.543	17.2	1176.8
12/15/2015	11:45:00	0	89.533	17.2	1168.7
12/15/2015	12:00:00	0	89.536	17.2	1169.9
12/15/2015	12:15:00	0	89.537	17.2	1174.5
12/15/2015	12:30:00	0	89.583	17.2	1173.3
12/15/2015	12:45:00	0	89.504	17.1	1175.4
12/15/2015	13:00:00	0	89.564	17.2	1176.8
12/15/2015	13:15:00	0	89.532	17.2	1172.2
12/15/2015	13:30:00	0	89.592	17.2	1176.8
12/15/2015	13:45:00	0	89.573	17.2	1172.2
12/15/2015	14:00:00	0	89.541	17.2	1179.1
12/15/2015	14:15:00	0	89.6	17.2	1174.5
12/15/2015	14:30:00	0	89.581	17.2	1174.5
12/15/2015	14:45:00	0	89.563	17.2	1175.7
12/15/2015	15:00:00	0	89.602	17.2	1176.8
12/15/2015	15:15:00	0	89.542	17.2	1172.2
12/15/2015	15:30:00	0	89.558	17.2	1168.7
12/15/2015	15:45:00	0	89.553	17.2	1172.2
12/15/2015	16:00:00	0	89.574	17.2	1173.3
12/15/2015	16:15:00	0	89.535	17.2	1173.3
12/15/2015	16:30:00	0	89.554	17.2	1173.3
12/15/2015	16:45:00	0	89.552	17.2	1171

12/15/2015	17:00:00	0	89.586	17.2	1173.3
12/15/2015	17:15:00	0	89.58	17.2	1171
12/15/2015	17:30:00	0	89.574	17.1	1174.2
12/15/2015	17:45:00	0	89.472	17.2	1173.3
12/15/2015	18:00:00	0	89.546	17.2	1176.8
12/15/2015	18:15:00	0	89.52	17.2	1172.2
12/15/2015	18:30:00	0	89.597	17.2	1182.6
12/15/2015	18:45:00	0	89.559	17.2	1175.7
12/15/2015	19:00:00	0	89.575	17.2	1169.9
12/15/2015	19:15:00	0	89.553	17.2	1174.5
12/15/2015	19:30:00	0	89.555	17.2	1169.9
12/15/2015	19:45:00	0	89.577	17.2	1174.5
12/15/2015	20:00:00	0	89.531	17.2	1174.5
12/15/2015	20:15:00	0	89.587	17.2	1174.5
12/15/2015	20:30:00	0	89.563	17.2	1174.5
12/15/2015	20:45:00	0	89.579	17.2	1168.7
12/15/2015	21:00:00	0	89.578	17.2	1176.8
12/15/2015	21:15:00	0	89.558	17.2	1172.2
12/15/2015	21:30:00	0	89.559	17.2	1174.5
12/15/2015	21:45:00	0	89.553	17.2	1168.7
12/15/2015	22:00:00	0	89.593	17.2	1174.5
12/15/2015	22:15:00	0	89.61	17.2	1167.6
12/15/2015	22:30:00	0	89.567	17.2	1173.3
12/15/2015	22:45:00	0	89.588	17.2	1169.9
12/15/2015	23:00:00	0	89.49	17.1	1170.7
12/15/2015	23:15:00	0	89.548	17.2	1174.5
12/15/2015	23:30:00	0	89.565	17.2	1173.3
12/15/2015	23:45:00	0	89.509	17.2	1173.3
12/16/2015	0:00:00	0	89.488	17.2	1174.5
12/16/2015	0:15:00	0	89.59	17.2	1175.7
12/16/2015	0:30:00	0	89.594	17.2	1171
12/16/2015	0:45:00	0	89.616	17.2	1174.5
12/16/2015	1:00:00	0	89.596	17.2	1172.2
12/16/2015	1:15:00	0	89.561	17.2	1172.2
12/16/2015	1:30:00	0	89.536	17.2	1169.9
12/16/2015	1:45:00	0	89.615	17.2	1171
12/16/2015	2:00:00	0	89.574	17.2	1173.3
12/16/2015	2:15:00	0	89.586	17.2	1171
12/16/2015	2:30:00	0	89.542	17.2	1172.2
12/16/2015	2:45:00	0	89.522	17.1	1177.7
12/16/2015	3:00:00	0	89.581	17.2	1175.7
12/16/2015	3:15:00	0	89.578	17.2	1171
12/16/2015	3:30:00	0	89.54	17.2	1168.7
12/16/2015	3:45:00	0	89.618	17.2	1173.3
12/16/2015	4:00:00	0	89.604	17.2	1171
12/16/2015	4:15:00	0	89.62	17.2	1171
12/16/2015	4:30:00	0	89.606	17.2	1169.9

12/16/2015	4:45:00	0	89.512	17.2	1176.8
12/16/2015	5:00:00	0	89.63	17.2	1173.3
12/16/2015	5:15:00	0	89.608	17.2	1172.2
12/16/2015	5:30:00	0	89.541	17.2	1171
12/16/2015	5:45:00	0	89.623	17.2	1176.8
12/16/2015	6:00:00	0	89.643	17.2	1174.5
12/16/2015	6:15:00	0	89.647	17.1	1174.2
12/16/2015	6:30:00	0	89.645	17.2	1178
12/16/2015	6:45:00	0	89.571	17.2	1173.3
12/16/2015	7:00:00	0	89.513	17.2	1169.9
12/16/2015	7:15:00	0	89.527	17.2	1172.2
12/16/2015	7:30:00	0	89.576	17.2	1171
12/16/2015	7:45:00	0	89.61	17.2	1176.8
12/16/2015	8:00:00	0	89.564	17.2	1165.2
12/16/2015	8:15:00	0	89.515	17.2	1172.2
12/16/2015	8:30:00	0	89.564	17.2	1171
12/16/2015	8:45:00	0	89.517	17.2	1171
12/16/2015	9:00:00	0	89.63	17.2	1167.6
12/16/2015	9:15:00	0	89.601	17.2	1169.9
12/16/2015	9:30:00	0	89.618	17.2	1171
12/16/2015	9:45:00	0	89.496	17.2	1175.7
12/16/2015	10:00:00	0	89.612	17.2	1173.3
12/16/2015	10:15:00	0	89.555	17.2	1174.5
12/16/2015	10:30:00	0	89.556	17.2	1176.8
12/16/2015	10:45:00	0	89.501	17.2	1173.3
12/16/2015	11:00:00	0	89.509	17.2	1172.2
12/16/2015	11:15:00	0	89.499	17.2	1172.2
12/16/2015	11:30:00	0	89.561	17.2	1166.4
12/16/2015	11:45:00	0	89.625	17.2	1173.3
12/16/2015	12:00:00	0	89.568	17.2	1174.5
12/16/2015	12:15:00	0	89.573	17.2	1168.7
12/16/2015	12:30:00	0	89.621	17.2	1176.8
12/16/2015	12:45:00	0	89.604	17.2	1174.5
12/16/2015	13:00:00	0	89.628	17.2	1173.3
12/16/2015	13:15:00	0	89.59	17.2	1172.2
12/16/2015	13:30:00	0	89.571	17.2	1176.8
12/16/2015	13:45:00	0	89.592	17.2	1174.5
12/16/2015	14:00:00	0	89.534	17.2	1169.9
12/16/2015	14:15:00	0	89.576	17.2	1172.2
12/16/2015	14:30:00	0	89.558	17.2	1172.2
12/16/2015	14:45:00	0	89.535	17.2	1178
12/16/2015	15:00:00	0	89.557	17.2	1173.3
12/16/2015	15:15:00	0	89.591	17.1	1176.5
12/16/2015	15:30:00	0	89.63	17.1	1176.5
12/16/2015	15:45:00	0	89.657	17.2	1174.5
12/16/2015	16:00:00	0	89.582	17.1	1174.2
12/16/2015	16:15:00	0	89.621	17.2	1175.7

12/16/2015	16:30:00	0	89.581	17.2	1174.5
12/16/2015	16:45:00	0	89.64	17.2	1169.9
12/16/2015	17:00:00	0	89.603	17.2	1173.3
12/16/2015	17:15:00	0	89.602	17.2	1174.5
12/16/2015	17:30:00	0	89.537	17.2	1171
12/16/2015	17:45:00	0	89.555	17.1	1178.8
12/16/2015	18:00:00	0	89.551	17.1	1178.8
12/16/2015	18:15:00	0	89.584	17.2	1171
12/16/2015	18:30:00	0	89.604	17.2	1172.2
12/16/2015	18:45:00	0	89.59	17.2	1171
12/16/2015	19:00:00	0	89.634	17.1	1174.2
12/16/2015	19:15:00	0	89.633	17.2	1174.5
12/16/2015	19:30:00	0	89.604	17.1	1167.3
12/16/2015	19:45:00	0	89.62	17.2	1176.8
12/16/2015	20:00:00	0	89.639	17.2	1171
12/16/2015	20:15:00	0	89.572	17.2	1173.3
12/16/2015	20:30:00	0	89.567	17.2	1174.5
12/16/2015	20:45:00	0	89.61	17.2	1169.9
12/16/2015	21:00:00	0	89.548	17.2	1172.2
12/16/2015	21:15:00	0	89.609	17.2	1172.2
12/16/2015	21:30:00	0	89.532	17.2	1174.5
12/16/2015	21:45:00	0	89.645	17.2	1176.8
12/16/2015	22:00:00	0	89.548	17.2	1172.2
12/16/2015	22:15:00	0	89.602	17.2	1176.8
12/16/2015	22:30:00	0	89.585	17.2	1174.5
12/16/2015	22:45:00	0	89.545	17.2	1175.7
12/16/2015	23:00:00	0	89.619	17.2	1166.4
12/16/2015	23:15:00	0	89.584	17.2	1174.5
12/16/2015	23:30:00	0	89.506	17.2	1173.3
12/16/2015	23:45:00	0	89.583	17.2	1173.3

Serial_number:

1071264

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-5S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00		0 25.771	16.5	1945.7
12/10/2015	0:15:00		0 25.731	16.5	1945.7
12/10/2015	0:30:00		0 25.72	16.5	1945.7
12/10/2015	0:45:00		0 25.725	16.5	1945.7
12/10/2015	1:00:00		0 25.721	16.5	1945.7
12/10/2015	1:15:00		0 25.76	16.5	1945.7
12/10/2015	1:30:00		0 25.811	16.5	1944.5
12/10/2015	1:45:00		0 25.749	16.5	1945.7
12/10/2015	2:00:00		0 25.797	16.5	1945.7
12/10/2015	2:15:00		0 25.751	16.5	1945.7
12/10/2015	2:30:00		0 25.721	16.5	1945.7
12/10/2015	2:45:00		0 25.716	16.5	1945.7
12/10/2015	3:00:00		0 25.781	16.5	1945.7
12/10/2015	3:15:00		0 25.756	16.5	1945.7
12/10/2015	3:30:00		0 25.781	16.5	1945.7
12/10/2015	3:45:00		0 25.759	16.5	1945.7
12/10/2015	4:00:00		0 25.76	16.5	1945.7
12/10/2015	4:15:00		0 25.772	16.5	1944.5
12/10/2015	4:30:00		0 25.809	16.5	1945.7
12/10/2015	4:45:00		0 25.771	16.5	1945.7
12/10/2015	5:00:00		0 25.817	16.5	1945.7
12/10/2015	5:15:00		0 25.72	16.5	1945.7
12/10/2015	5:30:00		0 25.818	16.5	1945.7
12/10/2015	5:45:00		0 25.729	16.5	1945.7
12/10/2015	6:00:00		0 25.714	16.5	1945.7
12/10/2015	6:15:00		0 25.784	16.5	1945.7
12/10/2015	6:30:00		0 25.752	16.5	1945.7
12/10/2015	6:45:00		0 25.753	16.5	1945.7
12/10/2015	7:00:00		0 25.741	16.5	1945.7
12/10/2015	7:15:00		0 25.778	16.5	1944.5
12/10/2015	7:30:00		0 25.722	16.5	1945.7

12/10/2015	7:45:00	0	25.753	16.5	1945.7
12/10/2015	8:00:00	0	25.753	16.5	1945.7
12/10/2015	8:15:00	0	25.749	16.5	1945.7
12/10/2015	8:30:00	0	25.727	16.5	1944.5
12/10/2015	8:45:00	0	25.692	16.5	1944.5
12/10/2015	9:00:00	0	25.697	16.5	1945.7
12/10/2015	9:15:00	0	25.709	16.5	1944.5
12/10/2015	9:30:00	0	25.659	16.5	1945.7
12/10/2015	9:45:00	0	25.743	16.5	1945.7
12/10/2015	10:00:00	0	25.687	16.5	1944.5
12/10/2015	10:15:00	0	25.723	16.5	1945.7
12/10/2015	10:30:00	0	25.682	16.5	1945.7
12/10/2015	10:45:00	0	25.681	16.5	1944.5
12/10/2015	11:00:00	0	25.68	16.5	1945.7
12/10/2015	11:15:00	0	25.659	16.5	1944.5
12/10/2015	11:30:00	0	25.701	16.5	1945.7
12/10/2015	11:45:00	0	25.686	16.5	1945.7
12/10/2015	12:00:00	0	25.824	16.5	1944.5
12/10/2015	12:15:00	0	25.7	16.5	1944.5
12/10/2015	12:30:00	0	25.683	16.5	1945.7
12/10/2015	12:45:00	0	25.662	16.5	1945.7
12/10/2015	13:00:00	0	25.686	16.5	1945.7
12/10/2015	13:15:00	0	25.673	16.5	1945.7
12/10/2015	13:30:00	0	25.753	16.5	1945.7
12/10/2015	13:45:00	0	25.761	16.5	1945.7
12/10/2015	14:00:00	0	25.727	16.5	1945.7
12/10/2015	14:15:00	0	25.765	16.5	1945.7
12/10/2015	14:30:00	0	25.76	16.5	1945.7
12/10/2015	14:45:00	0	25.758	16.5	1945.7
12/10/2015	15:00:00	0	25.762	16.5	1945.7
12/10/2015	15:15:00	0	25.765	16.5	1944.5
12/10/2015	15:30:00	0	25.761	16.5	1944.5
12/10/2015	15:45:00	0	25.723	16.5	1944.5
12/10/2015	16:00:00	0	25.724	16.5	1944.5
12/10/2015	16:15:00	0	25.768	16.5	1945.7
12/10/2015	16:30:00	0	25.784	16.5	1945.7
12/10/2015	16:45:00	0	25.743	16.5	1944.5
12/10/2015	17:00:00	0	25.734	16.5	1944.5
12/10/2015	17:15:00	0	25.78	16.5	1944.5
12/10/2015	17:30:00	0	25.748	16.5	1944.5
12/10/2015	17:45:00	0	25.713	16.5	1944.5
12/10/2015	18:00:00	0	25.737	16.5	1944.5
12/10/2015	18:15:00	0	25.757	16.5	1945.7
12/10/2015	18:30:00	0	25.762	16.5	1944.5
12/10/2015	18:45:00	0	25.742	16.5	1945.7
12/10/2015	19:00:00	0	25.747	16.5	1944.5
12/10/2015	19:15:00	0	25.732	16.5	1944.5

12/10/2015	19:30:00	0	25.762	16.5	1945.7
12/10/2015	19:45:00	0	25.735	16.5	1944.5
12/10/2015	20:00:00	0	25.711	16.5	1945.7
12/10/2015	20:15:00	0	25.738	16.5	1945.7
12/10/2015	20:30:00	0	25.734	16.5	1945.7
12/10/2015	20:45:00	0	25.741	16.5	1945.7
12/10/2015	21:00:00	0	25.763	16.5	1945.7
12/10/2015	21:15:00	0	25.747	16.5	1945.7
12/10/2015	21:30:00	0	25.771	16.5	1945.7
12/10/2015	21:45:00	0	25.739	16.5	1945.7
12/10/2015	22:00:00	0	25.731	16.5	1944.5
12/10/2015	22:15:00	0	25.756	16.5	1944.5
12/10/2015	22:30:00	0	25.76	16.5	1944.5
12/10/2015	22:45:00	0	25.761	16.5	1944.5
12/10/2015	23:00:00	0	25.727	16.5	1945.7
12/10/2015	23:15:00	0	25.791	16.5	1945.7
12/10/2015	23:30:00	0	25.783	16.5	1944.5
12/10/2015	23:45:00	0	25.799	16.5	1945.7
12/11/2015	0:00:00	0	25.741	16.5	1945.7
12/11/2015	0:15:00	0	25.773	16.5	1944.5
12/11/2015	0:30:00	0	25.79	16.5	1946.9
12/11/2015	0:45:00	0	25.774	16.5	1945.7
12/11/2015	1:00:00	0	25.793	16.5	1945.7
12/11/2015	1:15:00	0	25.783	16.5	1945.7
12/11/2015	1:30:00	0	25.778	16.5	1944.5
12/11/2015	1:45:00	0	25.763	16.5	1945.7
12/11/2015	2:00:00	0	25.762	16.5	1944.5
12/11/2015	2:15:00	0	25.783	16.5	1945.7
12/11/2015	2:30:00	0	25.789	16.5	1945.7
12/11/2015	2:45:00	0	25.739	16.5	1945.7
12/11/2015	3:00:00	0	25.765	16.5	1945.7
12/11/2015	3:15:00	0	25.792	16.5	1945.7
12/11/2015	3:30:00	0	25.753	16.5	1945.7
12/11/2015	3:45:00	0	25.741	16.5	1944.5
12/11/2015	4:00:00	0	25.742	16.5	1945.7
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12/11/2015	4:45:00	0	25.791	16.5	1945.7
12/11/2015	5:00:00	0	25.82	16.5	1945.7
12/11/2015	5:15:00	0	25.766	16.5	1945.7
12/11/2015	5:30:00	0	25.783	16.5	1945.7
12/11/2015	5:45:00	0	25.779	16.5	1945.7
12/11/2015	6:00:00	0	25.771	16.5	1945.7
12/11/2015	6:15:00	0	25.788	16.5	1945.7
12/11/2015	6:30:00	0	25.75	16.5	1945.7
12/11/2015	6:45:00	0	25.739	16.5	1944.5
12/11/2015	7:00:00	0	25.773	16.5	1945.7

12/11/2015	7:15:00	0	25.731	16.5	1945.7
12/11/2015	7:30:00	0	25.748	16.5	1945.7
12/11/2015	7:45:00	0	25.768	16.5	1944.5
12/11/2015	8:00:00	0	25.76	16.5	1945.7
12/11/2015	8:15:00	0	25.691	16.5	1945.7
12/11/2015	8:30:00	0	25.677	16.5	1944.5
12/11/2015	8:45:00	0	25.733	16.5	1945.7
12/11/2015	9:00:00	0	25.732	16.5	1945.7
12/11/2015	9:15:00	0	25.763	16.5	1945.7
12/11/2015	9:30:00	0	25.696	16.5	1945.7
12/11/2015	9:45:00	0	25.695	16.5	1945.7
12/11/2015	10:00:00	0	25.688	16.5	1945.7
12/11/2015	10:15:00	0	25.735	16.5	1944.5
12/11/2015	10:30:00	0	25.709	16.5	1944.5
12/11/2015	10:45:00	0	25.665	16.5	1945.7
12/11/2015	11:00:00	0	25.683	16.5	1945.7
12/11/2015	11:15:00	0	25.722	16.5	1945.7
12/11/2015	11:30:00	0	25.722	16.5	1945.7
12/11/2015	11:45:00	0	25.726	16.5	1944.5
12/11/2015	12:00:00	0	25.705	16.5	1944.5
12/11/2015	12:15:00	0	25.752	16.5	1945.7
12/11/2015	12:30:00	0	25.715	16.5	1945.7
12/11/2015	12:45:00	0	25.737	16.5	1945.7
12/11/2015	13:00:00	0	25.736	16.5	1945.7
12/11/2015	13:15:00	0	25.722	16.5	1945.7
12/11/2015	13:30:00	0	25.74	16.5	1944.5
12/11/2015	13:45:00	0	25.742	16.5	1944.5
12/11/2015	14:00:00	0	25.741	16.5	1945.7
12/11/2015	14:15:00	0	25.74	16.5	1945.7
12/11/2015	14:30:00	0	25.685	16.5	1945.7
12/11/2015	14:45:00	0	25.725	16.5	1945.7
12/11/2015	15:00:00	0	25.723	16.5	1945.7
12/11/2015	15:15:00	0	25.755	16.5	1944.5
12/11/2015	15:30:00	0	25.734	16.5	1945.7
12/11/2015	15:45:00	0	25.693	16.5	1945.7
12/11/2015	16:00:00	0	25.745	16.5	1945.7
12/11/2015	16:15:00	0	25.742	16.5	1945.7
12/11/2015	16:30:00	0	25.753	16.5	1945.7
12/11/2015	16:45:00	0	25.725	16.5	1944.5
12/11/2015	17:00:00	0	25.683	16.5	1945.7
12/11/2015	17:15:00	0	25.737	16.5	1944.5
12/11/2015	17:30:00	0	25.715	16.5	1944.5
12/11/2015	17:45:00	0	25.772	16.5	1944.5
12/11/2015	18:00:00	0	25.765	16.5	1945.7
12/11/2015	18:15:00	0	25.696	16.5	1945.7
12/11/2015	18:30:00	0	25.672	16.5	1945.7
12/11/2015	18:45:00	0	25.69	16.5	1945.7

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12/11/2015	19:15:00	0	25.725	16.5	1945.7
12/11/2015	19:30:00	0	25.705	16.5	1945.7
12/11/2015	19:45:00	0	25.74	16.5	1944.5
12/11/2015	20:00:00	0	25.733	16.5	1944.5
12/11/2015	20:15:00	0	25.724	16.5	1945.7
12/11/2015	20:30:00	0	25.726	16.5	1945.7
12/11/2015	20:45:00	0	25.708	16.5	1945.7
12/11/2015	21:00:00	0	25.744	16.5	1945.7
12/11/2015	21:15:00	0	25.741	16.5	1945.7
12/11/2015	21:30:00	0	25.774	16.5	1945.7
12/11/2015	21:45:00	0	25.692	16.5	1945.7
12/11/2015	22:00:00	0	25.729	16.5	1945.7
12/11/2015	22:15:00	0	25.747	16.5	1945.7
12/11/2015	22:30:00	0	25.74	16.5	1945.7
12/11/2015	22:45:00	0	25.721	16.5	1945.7
12/11/2015	23:00:00	0	25.718	16.5	1945.7
12/11/2015	23:15:00	0	25.72	16.5	1945.7
12/11/2015	23:30:00	0	25.693	16.5	1945.7
12/11/2015	23:45:00	0	25.711	16.5	1945.7
12/12/2015	0:00:00	0	25.735	16.5	1945.7
12/12/2015	0:15:00	0	25.715	16.5	1945.7
12/12/2015	0:30:00	0	25.675	16.5	1945.7
12/12/2015	0:45:00	0	25.731	16.5	1945.7
12/12/2015	1:00:00	0	25.729	16.5	1945.7
12/12/2015	1:15:00	0	25.702	16.5	1945.7
12/12/2015	1:30:00	0	25.733	16.5	1945.7
12/12/2015	1:45:00	0	25.746	16.5	1945.7
12/12/2015	2:00:00	0	25.721	16.5	1945.7
12/12/2015	2:15:00	0	25.76	16.5	1944.5
12/12/2015	2:30:00	0	25.719	16.5	1945.7
12/12/2015	2:45:00	0	25.779	16.5	1944.5
12/12/2015	3:00:00	0	25.718	16.5	1945.7
12/12/2015	3:15:00	0	25.74	16.5	1945.7
12/12/2015	3:30:00	0	25.779	16.5	1945.7
12/12/2015	3:45:00	0	25.707	16.5	1945.7
12/12/2015	4:00:00	0	25.768	16.5	1945.7
12/12/2015	4:15:00	0	25.77	16.5	1945.7
12/12/2015	4:30:00	0	25.721	16.5	1945.7
12/12/2015	4:45:00	0	25.696	16.5	1945.7
12/12/2015	5:00:00	0	25.75	16.5	1945.7
12/12/2015	5:15:00	0	25.763	16.5	1945.7
12/12/2015	5:30:00	0	25.73	16.5	1945.7
12/12/2015	5:45:00	0	25.689	16.5	1945.7
12/12/2015	6:00:00	0	25.724	16.5	1945.7
12/12/2015	6:15:00	0	25.762	16.5	1945.7
12/12/2015	6:30:00	0	25.731	16.5	1945.7

12/12/2015	6:45:00	0	25.705	16.5	1945.7
12/12/2015	7:00:00	0	25.699	16.5	1945.7
12/12/2015	7:15:00	0	25.753	16.5	1945.7
12/12/2015	7:30:00	0	25.752	16.5	1945.7
12/12/2015	7:45:00	0	25.749	16.5	1945.7
12/12/2015	8:00:00	0	25.701	16.5	1945.7
12/12/2015	8:15:00	0	25.739	16.5	1944.5
12/12/2015	8:30:00	0	25.721	16.5	1944.5
12/12/2015	8:45:00	0	25.711	16.5	1944.5
12/12/2015	9:00:00	0	25.722	16.5	1945.7
12/12/2015	9:15:00	0	25.695	16.5	1944.5
12/12/2015	9:30:00	0	25.711	16.5	1945.7
12/12/2015	9:45:00	0	25.671	16.5	1945.7
12/12/2015	10:00:00	0	25.682	16.5	1945.7
12/12/2015	10:15:00	0	25.712	16.5	1944.5
12/12/2015	10:30:00	0	25.689	16.5	1945.7
12/12/2015	10:45:00	0	25.687	16.5	1945.7
12/12/2015	11:00:00	0	25.731	16.5	1945.7
12/12/2015	11:15:00	0	25.697	16.5	1945.7
12/12/2015	11:30:00	0	25.724	16.5	1945.7
12/12/2015	11:45:00	0	25.74	16.5	1945.7
12/12/2015	12:00:00	0	25.736	16.5	1944.5
12/12/2015	12:15:00	0	25.759	16.5	1945.7
12/12/2015	12:30:00	0	25.701	16.5	1946.9
12/12/2015	12:45:00	0	25.677	16.5	1945.7
12/12/2015	13:00:00	0	25.721	16.5	1945.7
12/12/2015	13:15:00	0	25.71	16.5	1944.5
12/12/2015	13:30:00	0	25.742	16.5	1945.7
12/12/2015	13:45:00	0	25.716	16.5	1945.7
12/12/2015	14:00:00	0	25.725	16.5	1944.5
12/12/2015	14:15:00	0	25.737	16.5	1945.7
12/12/2015	14:30:00	0	25.732	16.5	1945.7
12/12/2015	14:45:00	0	25.694	16.5	1944.5
12/12/2015	15:00:00	0	25.795	16.5	1945.7
12/12/2015	15:15:00	0	25.735	16.5	1945.7
12/12/2015	15:30:00	0	25.729	16.5	1945.7
12/12/2015	15:45:00	0	25.767	16.5	1944.5
12/12/2015	16:00:00	0	25.702	16.5	1945.7
12/12/2015	16:15:00	0	25.741	16.5	1944.5
12/12/2015	16:30:00	0	25.74	16.5	1945.7
12/12/2015	16:45:00	0	25.715	16.5	1945.7
12/12/2015	17:00:00	0	25.755	16.5	1945.7
12/12/2015	17:15:00	0	25.718	16.5	1945.7
12/12/2015	17:30:00	0	25.679	16.5	1945.7
12/12/2015	17:45:00	0	25.733	16.5	1945.7
12/12/2015	18:00:00	0	25.727	16.5	1945.7
12/12/2015	18:15:00	0	25.723	16.5	1944.5

12/12/2015	18:30:00	0	25.719	16.5	1945.7
12/12/2015	18:45:00	0	25.719	16.5	1944.5
12/12/2015	19:00:00	0	25.739	16.5	1944.5
12/12/2015	19:15:00	0	25.72	16.5	1945.7
12/12/2015	19:30:00	0	25.758	16.5	1944.5
12/12/2015	19:45:00	0	25.718	16.5	1945.7
12/12/2015	20:00:00	0	25.67	16.5	1944.5
12/12/2015	20:15:00	0	25.771	16.5	1945.7
12/12/2015	20:30:00	0	25.73	16.5	1945.7
12/12/2015	20:45:00	0	25.71	16.5	1944.5
12/12/2015	21:00:00	0	25.751	16.5	1944.5
12/12/2015	21:15:00	0	25.711	16.5	1944.5
12/12/2015	21:30:00	0	25.732	16.5	1944.5
12/12/2015	21:45:00	0	25.753	16.5	1944.5
12/12/2015	22:00:00	0	25.731	16.5	1944.5
12/12/2015	22:15:00	0	25.729	16.5	1944.5
12/12/2015	22:30:00	0	25.788	16.5	1944.5
12/12/2015	22:45:00	0	25.669	16.5	1944.5
12/12/2015	23:00:00	0	25.731	16.5	1944.5
12/12/2015	23:15:00	0	25.715	16.5	1945.7
12/12/2015	23:30:00	0	25.772	16.5	1944.5
12/12/2015	23:45:00	0	25.734	16.5	1944.5
12/13/2015	0:00:00	0	25.757	16.5	1944.5
12/13/2015	0:15:00	0	25.821	16.5	1944.5
12/13/2015	0:30:00	0	25.782	16.5	1944.5
12/13/2015	0:45:00	0	25.743	16.5	1944.5
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12/13/2015	1:45:00	0	25.774	16.5	1945.7
12/13/2015	2:00:00	0	25.781	16.5	1945.7
12/13/2015	2:15:00	0	25.76	16.5	1945.7
12/13/2015	2:30:00	0	25.755	16.5	1945.7
12/13/2015	2:45:00	0	25.746	16.5	1946.9
12/13/2015	3:00:00	0	25.773	16.5	1945.7
12/13/2015	3:15:00	0	25.796	16.5	1945.7
12/13/2015	3:30:00	0	25.771	16.5	1946.9
12/13/2015	3:45:00	0	25.779	16.5	1945.7
12/13/2015	4:00:00	0	25.767	16.5	1945.7
12/13/2015	4:15:00	0	25.82	16.5	1945.7
12/13/2015	4:30:00	0	25.824	16.5	1945.7
12/13/2015	4:45:00	0	25.79	16.5	1945.7
12/13/2015	5:00:00	0	25.79	16.5	1945.7
12/13/2015	5:15:00	0	25.801	16.5	1945.7
12/13/2015	5:30:00	0	25.8	16.5	1945.7
12/13/2015	5:45:00	0	25.804	16.5	1945.7
12/13/2015	6:00:00	0	25.776	16.5	1944.5

12/13/2015	6:15:00	0	25.806	16.5	1944.5
12/13/2015	6:30:00	0	25.758	16.5	1945.7
12/13/2015	6:45:00	0	25.822	16.5	1945.7
12/13/2015	7:00:00	0	25.818	16.5	1945.7
12/13/2015	7:15:00	0	25.818	16.5	1945.7
12/13/2015	7:30:00	0	25.811	16.5	1945.7
12/13/2015	7:45:00	0	25.783	16.5	1946.9
12/13/2015	8:00:00	0	25.825	16.5	1945.7
12/13/2015	8:15:00	0	25.808	16.5	1945.7
12/13/2015	8:30:00	0	25.801	16.5	1945.7
12/13/2015	8:45:00	0	25.816	16.5	1944.5
12/13/2015	9:00:00	0	25.825	16.5	1944.5
12/13/2015	9:15:00	0	25.772	16.5	1944.5
12/13/2015	9:30:00	0	25.808	16.5	1944.5
12/13/2015	9:45:00	0	25.808	16.5	1944.5
12/13/2015	10:00:00	0	25.772	16.5	1944.5
12/13/2015	10:15:00	0	25.825	16.5	1944.5
12/13/2015	10:30:00	0	25.769	16.5	1944.5
12/13/2015	10:45:00	0	25.815	16.5	1942.2
12/13/2015	11:00:00	0	25.834	16.5	1942.2
12/13/2015	11:15:00	0	25.781	16.5	1944.5
12/13/2015	11:30:00	0	25.768	16.5	1944.5
12/13/2015	11:45:00	0	25.768	16.5	1944.5
12/13/2015	12:00:00	0	25.77	16.5	1944.5
12/13/2015	12:15:00	0	25.744	16.5	1944.5
12/13/2015	12:30:00	0	25.735	16.5	1944.5
12/13/2015	12:45:00	0	25.771	16.5	1944.5
12/13/2015	13:00:00	0	25.755	16.5	1944.5
12/13/2015	13:15:00	0	25.751	16.5	1944.5
12/13/2015	13:30:00	0	25.788	16.5	1942.2
12/13/2015	13:45:00	0	25.784	16.5	1944.5
12/13/2015	14:00:00	0	25.743	16.5	1942.2
12/13/2015	14:15:00	0	25.723	16.5	1944.5
12/13/2015	14:30:00	0	25.801	16.5	1942.2
12/13/2015	14:45:00	0	25.738	16.5	1942.2
12/13/2015	15:00:00	0	25.741	16.5	1944.5
12/13/2015	15:15:00	0	25.739	16.5	1942.2
12/13/2015	15:30:00	0	25.774	16.5	1942.2
12/13/2015	15:45:00	0	25.755	16.5	1942.2
12/13/2015	16:00:00	0	25.755	16.5	1942.2
12/13/2015	16:15:00	0	25.773	16.5	1944.5
12/13/2015	16:30:00	0	25.759	16.5	1942.2
12/13/2015	16:45:00	0	25.76	16.5	1942.2
12/13/2015	17:00:00	0	25.728	16.5	1944.5
12/13/2015	17:15:00	0	25.711	16.5	1942.2
12/13/2015	17:30:00	0	25.743	16.5	1942.2
12/13/2015	17:45:00	0	25.744	16.5	1942.2

12/13/2015	18:00:00	0	25.678	16.5	1944.5
12/13/2015	18:15:00	0	25.77	16.5	1942.2
12/13/2015	18:30:00	0	25.726	16.5	1942.2
12/13/2015	18:45:00	0	25.743	16.5	1942.2
12/13/2015	19:00:00	0	25.706	16.5	1944.5
12/13/2015	19:15:00	0	25.723	16.5	1942.2
12/13/2015	19:30:00	0	25.756	16.5	1942.2
12/13/2015	19:45:00	0	25.759	16.5	1944.5
12/13/2015	20:00:00	0	25.719	16.5	1942.2
12/13/2015	20:15:00	0	25.716	16.5	1942.2
12/13/2015	20:30:00	0	25.752	16.5	1942.2
12/13/2015	20:45:00	0	25.75	16.5	1942.2
12/13/2015	21:00:00	0	25.765	16.5	1942.2
12/13/2015	21:15:00	0	25.765	16.5	1944.5
12/13/2015	21:30:00	0	25.79	16.5	1945.7
12/13/2015	21:45:00	0	25.808	16.5	1944.5
12/13/2015	22:00:00	0	25.752	16.5	1944.5
12/13/2015	22:15:00	0	25.771	16.5	1944.5
12/13/2015	22:30:00	0	25.782	16.5	1944.5
12/13/2015	22:45:00	0	25.784	16.5	1945.7
12/13/2015	23:00:00	0	25.793	16.5	1944.5
12/13/2015	23:15:00	0	25.776	16.5	1944.5
12/13/2015	23:30:00	0	25.733	16.5	1944.5
12/13/2015	23:45:00	0	25.774	16.5	1944.5
12/14/2015	0:00:00	0	25.795	16.5	1942.2
12/14/2015	0:15:00	0	25.761	16.5	1944.5
12/14/2015	0:30:00	0	25.78	16.5	1944.5
12/14/2015	0:45:00	0	25.775	16.5	1944.5
12/14/2015	1:00:00	0	25.772	16.5	1944.5
12/14/2015	1:15:00	0	25.749	16.5	1942.2
12/14/2015	1:30:00	0	25.767	16.5	1944.5
12/14/2015	1:45:00	0	25.762	16.5	1944.5
12/14/2015	2:00:00	0	25.781	16.5	1944.5
12/14/2015	2:15:00	0	25.772	16.5	1944.5
12/14/2015	2:30:00	0	25.77	16.5	1944.5
12/14/2015	2:45:00	0	25.735	16.5	1945.7
12/14/2015	3:00:00	0	25.758	16.5	1944.5
12/14/2015	3:15:00	0	25.739	16.5	1945.7
12/14/2015	3:30:00	0	25.74	16.5	1945.7
12/14/2015	3:45:00	0	25.82	16.5	1945.7
12/14/2015	4:00:00	0	25.785	16.5	1945.7
12/14/2015	4:15:00	0	25.762	16.5	1944.5
12/14/2015	4:30:00	0	25.762	16.5	1945.7
12/14/2015	4:45:00	0	25.763	16.5	1945.7
12/14/2015	5:00:00	0	25.783	16.5	1944.5
12/14/2015	5:15:00	0	25.74	16.5	1944.5
12/14/2015	5:30:00	0	25.797	16.5	1942.2

12/14/2015	5:45:00	0	25.771	16.5	1944.5
12/14/2015	6:00:00	0	25.733	16.5	1944.5
12/14/2015	6:15:00	0	25.793	16.5	1944.5
12/14/2015	6:30:00	0	25.788	16.5	1944.5
12/14/2015	6:45:00	0	25.785	16.5	1944.5
12/14/2015	7:00:00	0	25.761	16.5	1944.5
12/14/2015	7:15:00	0	25.777	16.5	1944.5
12/14/2015	7:30:00	0	25.776	16.5	1944.5
12/14/2015	7:45:00	0	25.754	16.5	1944.5
12/14/2015	8:00:00	0	25.772	16.5	1942.2
12/14/2015	8:15:00	0	25.743	16.5	1944.5
12/14/2015	8:30:00	0	25.756	16.5	1945.7
12/14/2015	8:45:00	0	25.748	16.5	1944.5
12/14/2015	9:00:00	0	25.718	16.5	1944.5
12/14/2015	9:15:00	0	25.736	16.5	1945.7
12/14/2015	9:30:00	0	25.722	16.5	1944.5
12/14/2015	9:45:00	0	25.736	16.5	1944.5
12/14/2015	10:00:00	0	25.755	16.5	1944.5
12/14/2015	10:15:00	0	25.696	16.5	1944.5
12/14/2015	10:30:00	0	25.734	16.5	1945.7
12/14/2015	10:45:00	0	25.713	16.5	1944.5
12/14/2015	11:00:00	0	25.757	16.5	1945.7
12/14/2015	11:15:00	0	25.76	16.5	1944.5
12/14/2015	11:30:00	0	25.705	16.5	1945.7
12/14/2015	11:45:00	0	25.747	16.5	1944.5
12/14/2015	12:00:00	0	25.739	16.5	1944.5
12/14/2015	12:15:00	0	25.744	16.5	1944.5
12/14/2015	12:30:00	0	25.751	16.5	1945.7
12/14/2015	12:45:00	0	25.789	16.5	1945.7
12/14/2015	13:00:00	0	25.753	16.5	1945.7
12/14/2015	13:15:00	0	25.732	16.5	1945.7
12/14/2015	13:30:00	0	25.755	16.5	1945.7
12/14/2015	13:45:00	0	25.775	16.5	1945.7
12/14/2015	14:00:00	0	25.769	16.5	1945.7
12/14/2015	14:15:00	0	25.732	16.5	1945.7
12/14/2015	14:30:00	0	25.77	16.5	1945.7
12/14/2015	14:45:00	0	25.753	16.5	1945.7
12/14/2015	15:00:00	0	25.77	16.5	1944.5
12/14/2015	15:15:00	0	25.756	16.5	1944.5
12/14/2015	15:30:00	0	25.777	16.5	1945.7
12/14/2015	15:45:00	0	25.761	16.5	1945.7
12/14/2015	16:00:00	0	25.777	16.5	1944.5
12/14/2015	16:15:00	0	25.757	16.5	1944.5
12/14/2015	16:30:00	0	25.785	16.5	1942.2
12/14/2015	16:45:00	0	25.79	16.5	1944.5
12/14/2015	17:00:00	0	25.772	16.5	1944.5
12/14/2015	17:15:00	0	25.775	16.5	1944.5

12/14/2015	17:30:00	0	25.774	16.5	1944.5
12/14/2015	17:45:00	0	25.794	16.5	1942.2
12/14/2015	18:00:00	0	25.771	16.5	1944.5
12/14/2015	18:15:00	0	25.729	16.5	1944.5
12/14/2015	18:30:00	0	25.785	16.5	1944.5
12/14/2015	18:45:00	0	25.745	16.5	1944.5
12/14/2015	19:00:00	0	25.802	16.5	1944.5
12/14/2015	19:15:00	0	25.777	16.5	1942.2
12/14/2015	19:30:00	0	25.752	16.5	1945.7
12/14/2015	19:45:00	0	25.755	16.5	1945.7
12/14/2015	20:00:00	0	25.777	16.5	1945.7
12/14/2015	20:15:00	0	25.72	16.5	1944.5
12/14/2015	20:30:00	0	25.724	16.5	1945.7
12/14/2015	20:45:00	0	25.746	16.5	1942.2
12/14/2015	21:00:00	0	25.754	16.5	1944.5
12/14/2015	21:15:00	0	25.76	16.5	1945.7
12/14/2015	21:30:00	0	25.757	16.5	1944.5
12/14/2015	21:45:00	0	25.753	16.5	1946.9
12/14/2015	22:00:00	0	25.813	16.5	1945.7
12/14/2015	22:15:00	0	25.777	16.5	1944.5
12/14/2015	22:30:00	0	25.742	16.5	1944.5
12/14/2015	22:45:00	0	25.761	16.5	1945.7
12/14/2015	23:00:00	0	25.758	16.5	1944.5
12/14/2015	23:15:00	0	25.765	16.5	1944.5
12/14/2015	23:30:00	0	25.768	16.5	1942.2
12/14/2015	23:45:00	0	25.791	16.5	1944.5
12/15/2015	0:00:00	0	25.813	16.5	1944.5
12/15/2015	0:15:00	0	25.779	16.5	1944.5
12/15/2015	0:30:00	0	25.763	16.5	1944.5
12/15/2015	0:45:00	0	25.829	16.5	1945.7
12/15/2015	1:00:00	0	25.748	16.5	1944.5
12/15/2015	1:15:00	0	25.809	16.5	1944.5
12/15/2015	1:30:00	0	25.807	16.5	1944.5
12/15/2015	1:45:00	0	25.748	16.5	1944.5
12/15/2015	2:00:00	0	25.806	16.5	1942.2
12/15/2015	2:15:00	0	25.803	16.5	1944.5
12/15/2015	2:30:00	0	25.743	16.5	1945.7
12/15/2015	2:45:00	0	25.82	16.5	1945.7
12/15/2015	3:00:00	0	25.818	16.5	1945.7
12/15/2015	3:15:00	0	25.773	16.5	1944.5
12/15/2015	3:30:00	0	25.766	16.5	1944.5
12/15/2015	3:45:00	0	25.804	16.5	1945.7
12/15/2015	4:00:00	0	25.745	16.5	1945.7
12/15/2015	4:15:00	0	25.801	16.5	1944.5
12/15/2015	4:30:00	0	25.799	16.5	1944.5
12/15/2015	4:45:00	0	25.776	16.5	1944.5
12/15/2015	5:00:00	0	25.776	16.5	1944.5

12/15/2015	5:15:00	0	25.753	16.5	1945.7
12/15/2015	5:30:00	0	25.733	16.5	1944.5
12/15/2015	5:45:00	0	25.771	16.5	1944.5
12/15/2015	6:00:00	0	25.769	16.5	1945.7
12/15/2015	6:15:00	0	25.746	16.5	1944.5
12/15/2015	6:30:00	0	25.78	16.5	1944.5
12/15/2015	6:45:00	0	25.739	16.5	1945.7
12/15/2015	7:00:00	0	25.758	16.5	1944.5
12/15/2015	7:15:00	0	25.791	16.5	1944.5
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12/15/2015	7:45:00	0	25.762	16.5	1944.5
12/15/2015	8:00:00	0	25.721	16.5	1944.5
12/15/2015	8:15:00	0	25.73	16.5	1945.7
12/15/2015	8:30:00	0	25.743	16.5	1944.5
12/15/2015	8:45:00	0	25.757	16.5	1944.5
12/15/2015	9:00:00	0	25.754	16.5	1944.5
12/15/2015	9:15:00	0	25.75	16.5	1944.5
12/15/2015	9:30:00	0	25.725	16.5	1944.5
12/15/2015	9:45:00	0	25.756	16.5	1944.5
12/15/2015	10:00:00	0	25.733	16.5	1944.5
12/15/2015	10:15:00	0	25.77	16.5	1944.5
12/15/2015	10:30:00	0	25.746	16.5	1944.5
12/15/2015	10:45:00	0	25.752	16.5	1942.2
12/15/2015	11:00:00	0	25.734	16.5	1942.2
12/15/2015	11:15:00	0	25.697	16.5	1942.2
12/15/2015	11:30:00	0	25.763	16.5	1944.5
12/15/2015	11:45:00	0	25.714	16.5	1942.2
12/15/2015	12:00:00	0	25.776	16.5	1942.2
12/15/2015	12:15:00	0	25.797	16.5	1944.5
12/15/2015	12:30:00	0	25.783	16.5	1942.2
12/15/2015	12:45:00	0	25.803	16.5	1942.2
12/15/2015	13:00:00	0	25.784	16.5	1944.5
12/15/2015	13:15:00	0	25.792	16.5	1944.5
12/15/2015	13:30:00	0	25.753	16.5	1942.2
12/15/2015	13:45:00	0	25.793	16.5	1944.5
12/15/2015	14:00:00	0	25.782	16.5	1944.5
12/15/2015	14:15:00	0	25.741	16.5	1944.5
12/15/2015	14:30:00	0	25.762	16.5	1942.2
12/15/2015	14:45:00	0	25.744	16.5	1944.5
12/15/2015	15:00:00	0	25.763	16.5	1944.5
12/15/2015	15:15:00	0	25.802	16.5	1942.2
12/15/2015	15:30:00	0	25.779	16.5	1944.5
12/15/2015	15:45:00	0	25.774	16.5	1942.2
12/15/2015	16:00:00	0	25.735	16.5	1944.5
12/15/2015	16:15:00	0	25.756	16.5	1944.5
12/15/2015	16:30:00	0	25.775	16.5	1944.5
12/15/2015	16:45:00	0	25.773	16.5	1945.7

12/15/2015	17:00:00	0	25.747	16.5	1945.7
12/15/2015	17:15:00	0	25.741	16.5	1945.7
12/15/2015	17:30:00	0	25.735	16.5	1945.7
12/15/2015	17:45:00	0	25.732	16.5	1945.7
12/15/2015	18:00:00	0	25.766	16.5	1945.7
12/15/2015	18:15:00	0	25.741	16.5	1945.7
12/15/2015	18:30:00	0	25.758	16.5	1944.5
12/15/2015	18:45:00	0	25.759	16.5	1944.5
12/15/2015	19:00:00	0	25.717	16.5	1942.2
12/15/2015	19:15:00	0	25.734	16.5	1942.2
12/15/2015	19:30:00	0	25.736	16.5	1944.5
12/15/2015	19:45:00	0	25.818	16.5	1944.5
12/15/2015	20:00:00	0	25.791	16.5	1944.5
12/15/2015	20:15:00	0	25.768	16.5	1942.2
12/15/2015	20:30:00	0	25.744	16.5	1942.2
12/15/2015	20:45:00	0	25.76	16.5	1944.5
12/15/2015	21:00:00	0	25.779	16.5	1944.5
12/15/2015	21:15:00	0	25.759	16.5	1944.5
12/15/2015	21:30:00	0	25.74	16.5	1944.5
12/15/2015	21:45:00	0	25.754	16.5	1944.5
12/15/2015	22:00:00	0	25.813	16.5	1944.5
12/15/2015	22:15:00	0	25.772	16.5	1944.5
12/15/2015	22:30:00	0	25.748	16.5	1944.5
12/15/2015	22:45:00	0	25.769	16.5	1944.5
12/15/2015	23:00:00	0	25.79	16.5	1944.5
12/15/2015	23:15:00	0	25.808	16.5	1945.7
12/15/2015	23:30:00	0	25.805	16.5	1944.5
12/15/2015	23:45:00	0	25.847	16.5	1944.5
12/16/2015	0:00:00	0	25.768	16.5	1944.5
12/16/2015	0:15:00	0	25.751	16.5	1944.5
12/16/2015	0:30:00	0	25.795	16.5	1942.2
12/16/2015	0:45:00	0	25.778	16.5	1944.5
12/16/2015	1:00:00	0	25.757	16.5	1942.2
12/16/2015	1:15:00	0	25.782	16.5	1944.5
12/16/2015	1:30:00	0	25.796	16.5	1944.5
12/16/2015	1:45:00	0	25.797	16.5	1945.7
12/16/2015	2:00:00	0	25.814	16.5	1944.5
12/16/2015	2:15:00	0	25.767	16.5	1942.2
12/16/2015	2:30:00	0	25.763	16.5	1944.5
12/16/2015	2:45:00	0	25.801	16.5	1944.5
12/16/2015	3:00:00	0	25.782	16.5	1944.5
12/16/2015	3:15:00	0	25.759	16.5	1944.5
12/16/2015	3:30:00	0	25.761	16.5	1945.7
12/16/2015	3:45:00	0	25.819	16.5	1945.7
12/16/2015	4:00:00	0	25.805	16.5	1945.7
12/16/2015	4:15:00	0	25.801	16.5	1944.5
12/16/2015	4:30:00	0	25.768	16.5	1944.5

12/16/2015	4:45:00	0	25.811	16.5	1945.7
12/16/2015	5:00:00	0	25.792	16.5	1946.9
12/16/2015	5:15:00	0	25.75	16.5	1945.7
12/16/2015	5:30:00	0	25.762	16.5	1944.5
12/16/2015	5:45:00	0	25.824	16.5	1945.7
12/16/2015	6:00:00	0	25.804	16.5	1945.7
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12/16/2015	6:30:00	0	25.787	16.5	1944.5
12/16/2015	6:45:00	0	25.792	16.5	1944.5
12/16/2015	7:00:00	0	25.793	16.5	1944.5
12/16/2015	7:15:00	0	25.787	16.5	1944.5
12/16/2015	7:30:00	0	25.796	16.5	1945.7
12/16/2015	7:45:00	0	25.752	16.5	1945.7
12/16/2015	8:00:00	0	25.765	16.5	1945.7
12/16/2015	8:15:00	0	25.795	16.5	1945.7
12/16/2015	8:30:00	0	25.785	16.5	1945.7
12/16/2015	8:45:00	0	25.777	16.5	1945.7
12/16/2015	9:00:00	0	25.752	16.5	1945.7
12/16/2015	9:15:00	0	25.763	16.5	1945.7
12/16/2015	9:30:00	0	25.74	16.5	1945.7
12/16/2015	9:45:00	0	25.736	16.5	1945.7
12/16/2015	10:00:00	0	25.734	16.5	1945.7
12/16/2015	10:15:00	0	25.697	16.5	1945.7
12/16/2015	10:30:00	0	25.757	16.5	1945.7
12/16/2015	10:45:00	0	25.78	16.5	1945.7
12/16/2015	11:00:00	0	25.769	16.5	1946.9
12/16/2015	11:15:00	0	25.818	16.5	1946.9
12/16/2015	11:30:00	0	25.782	16.5	1945.7
12/16/2015	11:45:00	0	25.767	16.5	1945.7
12/16/2015	12:00:00	0	25.808	16.5	1945.7
12/16/2015	12:15:00	0	25.774	16.5	1946.9
12/16/2015	12:30:00	0	25.782	16.5	1945.7
12/16/2015	12:45:00	0	25.766	16.5	1945.7
12/16/2015	13:00:00	0	25.75	16.5	1945.7
12/16/2015	13:15:00	0	25.772	16.5	1945.7
12/16/2015	13:30:00	0	25.792	16.5	1945.7
12/16/2015	13:45:00	0	25.793	16.5	1945.7
12/16/2015	14:00:00	0	25.775	16.5	1944.5
12/16/2015	14:15:00	0	25.757	16.5	1944.5
12/16/2015	14:30:00	0	25.779	16.5	1942.2
12/16/2015	14:45:00	0	25.795	16.5	1942.2
12/16/2015	15:00:00	0	25.797	16.5	1944.5
12/16/2015	15:15:00	0	25.773	16.5	1944.5
12/16/2015	15:30:00	0	25.733	16.5	1944.5
12/16/2015	15:45:00	0	25.799	16.5	1942.2
12/16/2015	16:00:00	0	25.822	16.5	1944.5
12/16/2015	16:15:00	0	25.783	16.5	1944.5

12/16/2015	16:30:00	0	25.722	16.5	1944.5
12/16/2015	16:45:00	0	25.782	16.5	1944.5
12/16/2015	17:00:00	0	25.745	16.5	1944.5
12/16/2015	17:15:00	0	25.803	16.5	1944.5
12/16/2015	17:30:00	0	25.779	16.5	1944.5
12/16/2015	17:45:00	0	25.795	16.5	1944.5
12/16/2015	18:00:00	0	25.772	16.5	1945.7
12/16/2015	18:15:00	0	25.767	16.5	1945.7
12/16/2015	18:30:00	0	25.746	16.5	1946.9
12/16/2015	18:45:00	0	25.752	16.5	1946.9
12/16/2015	19:00:00	0	25.795	16.5	1946.9
12/16/2015	19:15:00	0	25.735	16.5	1946.9
12/16/2015	19:30:00	0	25.766	16.5	1945.7
12/16/2015	19:45:00	0	25.762	16.5	1944.5
12/16/2015	20:00:00	0	25.781	16.5	1944.5
12/16/2015	20:15:00	0	25.734	16.5	1945.7
12/16/2015	20:30:00	0	25.768	16.5	1944.5
12/16/2015	20:45:00	0	25.752	16.5	1944.5
12/16/2015	21:00:00	0	25.749	16.5	1945.7
12/16/2015	21:15:00	0	25.77	16.5	1944.5
12/16/2015	21:30:00	0	25.772	16.5	1945.7
12/16/2015	21:45:00	0	25.787	16.5	1945.7
12/16/2015	22:00:00	0	25.807	16.5	1945.7
12/16/2015	22:15:00	0	25.763	16.5	1944.5
12/16/2015	22:30:00	0	25.805	16.5	1944.5
12/16/2015	22:45:00	0	25.765	16.5	1944.5
12/16/2015	23:00:00	0	25.82	16.5	1944.5
12/16/2015	23:15:00	0	25.804	16.5	1944.5
12/16/2015	23:30:00	0	25.766	16.5	1945.7
12/16/2015	23:45:00	0	25.764	16.5	1945.7

Serial_number:

1071327

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6D

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00		0 153.743	16.9	2455.3
12/10/2015	0:15:00		0 153.743	16.9	2455.3
12/10/2015	0:30:00		0 153.712	16.9	2455.3
12/10/2015	0:45:00		0 153.777	16.9	2453
12/10/2015	1:00:00		0 153.752	16.9	2451.8
12/10/2015	1:15:00		0 153.712	16.9	2453
12/10/2015	1:30:00		0 153.744	16.9	2453
12/10/2015	1:45:00		0 153.761	16.9	2453
12/10/2015	2:00:00		0 153.75	16.9	2455.3
12/10/2015	2:15:00		0 153.723	16.9	2453
12/10/2015	2:30:00		0 153.694	16.9	2455.3
12/10/2015	2:45:00		0 153.727	16.9	2453
12/10/2015	3:00:00		0 153.733	16.9	2455.3
12/10/2015	3:15:00		0 153.768	16.9	2455.3
12/10/2015	3:30:00		0 153.694	16.9	2455.3
12/10/2015	3:45:00		0 153.771	16.9	2455.3
12/10/2015	4:00:00		0 153.772	16.9	2455.3
12/10/2015	4:15:00		0 153.764	16.9	2455.3
12/10/2015	4:30:00		0 153.801	16.9	2455.3
12/10/2015	4:45:00		0 153.763	16.9	2455.3
12/10/2015	5:00:00		0 153.77	16.9	2455.3
12/10/2015	5:15:00		0 153.83	16.9	2455.3
12/10/2015	5:30:00		0 153.83	16.9	2455.3
12/10/2015	5:45:00		0 153.839	16.9	2455.3
12/10/2015	6:00:00		0 153.864	16.9	2455.3
12/10/2015	6:15:00		0 153.934	16.9	2455.3
12/10/2015	6:30:00		0 153.921	16.9	2453
12/10/2015	6:45:00		0 153.922	16.9	2455.3
12/10/2015	7:00:00		0 153.969	16.9	2455.3
12/10/2015	7:15:00		0 153.966	16.9	2455.3
12/10/2015	7:30:00		0 154.01	16.9	2455.3

12/10/2015	7:45:00	0	154.021	16.9	2453
12/10/2015	8:00:00	0	154.021	16.9	2453
12/10/2015	8:15:00	0	154.056	16.9	2453
12/10/2015	8:30:00	0	154.034	16.9	2451.8
12/10/2015	8:45:00	0	154.039	16.9	2451.8
12/10/2015	9:00:00	0	154.083	16.9	2451.8
12/10/2015	9:15:00	0	154.075	16.9	2451.8
12/10/2015	9:30:00	0	154.103	16.9	2450.7
12/10/2015	9:45:00	0	154.09	16.9	2450.7
12/10/2015	10:00:00	0	154.112	16.9	2450.7
12/10/2015	10:15:00	0	154.089	16.9	2450.7
12/10/2015	10:30:00	0	154.146	16.9	2450.7
12/10/2015	10:45:00	0	154.125	16.9	2450.7
12/10/2015	11:00:00	0	154.125	16.9	2451.8
12/10/2015	11:15:00	0	154.163	16.9	2450.7
12/10/2015	11:30:00	0	154.165	16.9	2450.7
12/10/2015	11:45:00	0	154.15	16.9	2465.8
12/10/2015	12:00:00	0	154.249	16.9	2465.8
12/10/2015	12:15:00	0	154.184	16.9	2464.6
12/10/2015	12:30:00	0	154.167	16.9	2463.4
12/10/2015	12:45:00	0	154.185	16.9	2463.4
12/10/2015	13:00:00	0	154.189	16.9	2463.4
12/10/2015	13:15:00	0	154.216	16.9	2462.3
12/10/2015	13:30:00	0	154.257	16.9	2462.3
12/10/2015	13:45:00	0	154.304	16.9	2460
12/10/2015	14:00:00	0	154.27	16.9	2460
12/10/2015	14:15:00	0	154.288	16.9	2462.3
12/10/2015	14:30:00	0	154.323	16.9	2458.8
12/10/2015	14:45:00	0	154.341	16.9	2458.8
12/10/2015	15:00:00	0	154.345	16.9	2458.8
12/10/2015	15:15:00	0	154.348	16.9	2457.6
12/10/2015	15:30:00	0	154.363	16.9	2457.6
12/10/2015	15:45:00	0	154.384	16.9	2457.6
12/10/2015	16:00:00	0	154.385	16.9	2456.5
12/10/2015	16:15:00	0	154.39	16.9	2456.5
12/10/2015	16:30:00	0	154.406	16.9	2456.5
12/10/2015	16:45:00	0	154.424	16.9	2456.5
12/10/2015	17:00:00	0	154.415	16.9	2456.5
12/10/2015	17:15:00	0	154.402	16.9	2455.3
12/10/2015	17:30:00	0	154.449	16.9	2453
12/10/2015	17:45:00	0	154.433	16.9	2453
12/10/2015	18:00:00	0	154.457	16.9	2453
12/10/2015	18:15:00	0	154.438	16.9	2451.8
12/10/2015	18:30:00	0	154.463	16.9	2453
12/10/2015	18:45:00	0	154.442	16.9	2451.8
12/10/2015	19:00:00	0	154.467	16.9	2451.8
12/10/2015	19:15:00	0	154.452	16.9	2450.7

12/10/2015	19:30:00	0	154.502	16.9	2451.8
12/10/2015	19:45:00	0	154.534	16.9	2450.7
12/10/2015	20:00:00	0	154.511	16.9	2450.7
12/10/2015	20:15:00	0	154.497	16.9	2451.8
12/10/2015	20:30:00	0	154.533	16.9	2450.7
12/10/2015	20:45:00	0	154.481	16.9	2450.7
12/10/2015	21:00:00	0	154.484	16.9	2450.7
12/10/2015	21:15:00	0	154.506	16.9	2450.7
12/10/2015	21:30:00	0	154.551	16.9	2449.5
12/10/2015	21:45:00	0	154.518	16.9	2449.5
12/10/2015	22:00:00	0	154.569	16.9	2449.5
12/10/2015	22:15:00	0	154.535	16.9	2447.2
12/10/2015	22:30:00	0	154.578	16.9	2447.2
12/10/2015	22:45:00	0	154.52	16.9	2447.2
12/10/2015	23:00:00	0	154.585	16.9	2447.2
12/10/2015	23:15:00	0	154.571	16.9	2447.2
12/10/2015	23:30:00	0	154.562	16.9	2450.7
12/10/2015	23:45:00	0	154.558	16.9	2449.5
12/11/2015	0:00:00	0	154.599	16.9	2449.5
12/11/2015	0:15:00	0	154.591	16.9	2450.7
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12/11/2015	1:00:00	0	154.611	16.9	2450.7
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12/11/2015	1:30:00	0	154.596	16.9	2451.8
12/11/2015	1:45:00	0	154.621	16.9	2451.8
12/11/2015	2:00:00	0	154.581	16.9	2451.8
12/11/2015	2:15:00	0	154.601	16.9	2450.7
12/11/2015	2:30:00	0	154.647	16.9	2451.8
12/11/2015	2:45:00	0	154.676	16.9	2451.8
12/11/2015	3:00:00	0	154.663	16.9	2451.8
12/11/2015	3:15:00	0	154.65	16.9	2451.8
12/11/2015	3:30:00	0	154.69	16.9	2451.8
12/11/2015	3:45:00	0	154.737	16.9	2451.8
12/11/2015	4:00:00	0	154.738	16.9	2450.7
12/11/2015	4:15:00	0	154.721	16.9	2450.7
12/11/2015	4:30:00	0	154.726	16.9	2450.7
12/11/2015	4:45:00	0	154.767	16.9	2450.7
12/11/2015	5:00:00	0	154.737	16.9	2449.5
12/11/2015	5:15:00	0	154.722	16.9	2449.5
12/11/2015	5:30:00	0	154.76	16.9	2449.5
12/11/2015	5:45:00	0	154.736	16.9	2449.5
12/11/2015	6:00:00	0	154.767	16.9	2447.2
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12/11/2015	6:30:00	0	154.766	16.9	2447.2
12/11/2015	6:45:00	0	154.775	16.9	2447.2
12/11/2015	7:00:00	0	154.749	16.9	2447.2

12/11/2015	7:15:00	0	154.747	16.9	2447.2
12/11/2015	7:30:00	0	154.744	16.9	2447.2
12/11/2015	7:45:00	0	154.764	16.9	2447.2
12/11/2015	8:00:00	0	154.736	16.9	2447.2
12/11/2015	8:15:00	0	154.746	16.9	2449.5
12/11/2015	8:30:00	0	154.811	16.9	2447.2
12/11/2015	8:45:00	0	154.768	16.9	2449.5
12/11/2015	9:00:00	0	154.748	16.9	2449.5
12/11/2015	9:15:00	0	154.779	16.9	2449.5
12/11/2015	9:30:00	0	154.81	16.9	2447.2
12/11/2015	9:45:00	0	154.77	16.9	2447.2
12/11/2015	10:00:00	0	154.783	16.9	2447.2
12/11/2015	10:15:00	0	154.771	16.9	2447.2
12/11/2015	10:30:00	0	154.803	16.9	2447.2
12/11/2015	10:45:00	0	154.779	16.9	2447.2
12/11/2015	11:00:00	0	154.777	16.9	2447.2
12/11/2015	11:15:00	0	154.777	16.9	2446
12/11/2015	11:30:00	0	154.836	16.9	2447.2
12/11/2015	11:45:00	0	154.821	16.9	2446
12/11/2015	12:00:00	0	154.819	16.9	2446
12/11/2015	12:15:00	0	154.827	16.9	2447.2
12/11/2015	12:30:00	0	154.829	16.9	2449.5
12/11/2015	12:45:00	0	154.832	16.9	2449.5
12/11/2015	13:00:00	0	154.831	16.9	2450.7
12/11/2015	13:15:00	0	154.855	16.9	2450.7
12/11/2015	13:30:00	0	154.835	16.9	2450.7
12/11/2015	13:45:00	0	154.856	16.9	2450.7
12/11/2015	14:00:00	0	154.876	16.9	2451.8
12/11/2015	14:15:00	0	154.894	16.9	2451.8
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12/11/2015	15:00:00	0	154.955	16.9	2453
12/11/2015	15:15:00	0	154.908	16.9	2453
12/11/2015	15:30:00	0	154.927	16.9	2453
12/11/2015	15:45:00	0	154.945	16.9	2453
12/11/2015	16:00:00	0	154.898	16.9	2453
12/11/2015	16:15:00	0	154.954	16.9	2455.3
12/11/2015	16:30:00	0	154.886	16.9	2453
12/11/2015	16:45:00	0	154.918	16.9	2451.8
12/11/2015	17:00:00	0	154.915	16.9	2453
12/11/2015	17:15:00	0	154.929	16.9	2451.8
12/11/2015	17:30:00	0	154.927	16.9	2451.8
12/11/2015	17:45:00	0	154.925	16.9	2453
12/11/2015	18:00:00	0	154.899	16.9	2451.8
12/11/2015	18:15:00	0	154.908	16.9	2455.3
12/11/2015	18:30:00	0	154.924	16.9	2455.3
12/11/2015	18:45:00	0	154.942	16.9	2455.3

12/11/2015	19:00:00	0	154.96	16.9	2453
12/11/2015	19:15:00	0	154.977	16.9	2455.3
12/11/2015	19:30:00	0	154.917	16.9	2453
12/11/2015	19:45:00	0	154.933	16.9	2453
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12/11/2015	21:30:00	0	154.908	16.9	2451.8
12/11/2015	21:45:00	0	154.964	16.9	2450.7
12/11/2015	22:00:00	0	154.961	16.9	2450.7
12/11/2015	22:15:00	0	154.92	16.9	2450.7
12/11/2015	22:30:00	0	154.913	16.9	2451.8
12/11/2015	22:45:00	0	154.913	16.9	2450.7
12/11/2015	23:00:00	0	154.97	16.9	2451.8
12/11/2015	23:15:00	0	154.932	16.9	2451.8
12/11/2015	23:30:00	0	154.925	16.9	2451.8
12/11/2015	23:45:00	0	154.963	16.9	2451.8
12/12/2015	0:00:00	0	154.928	16.9	2451.8
12/12/2015	0:15:00	0	154.947	16.9	2450.7
12/12/2015	0:30:00	0	154.947	16.9	2450.7
12/12/2015	0:45:00	0	154.944	16.9	2451.8
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12/12/2015	1:15:00	0	154.973	16.9	2450.7
12/12/2015	1:30:00	0	154.985	16.9	2450.7
12/12/2015	1:45:00	0	154.958	16.9	2450.7
12/12/2015	2:00:00	0	154.973	16.9	2450.7
12/12/2015	2:15:00	0	154.973	16.9	2450.7
12/12/2015	2:30:00	0	154.991	16.9	2451.8
12/12/2015	2:45:00	0	154.992	16.9	2451.8
12/12/2015	3:00:00	0	155.009	16.9	2453
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12/12/2015	3:45:00	0	154.959	16.9	2453
12/12/2015	4:00:00	0	154.981	16.9	2453
12/12/2015	4:15:00	0	154.944	16.9	2453
12/12/2015	4:30:00	0	154.973	16.9	2453
12/12/2015	4:45:00	0	154.968	16.9	2451.8
12/12/2015	5:00:00	0	154.983	16.9	2453
12/12/2015	5:15:00	0	154.995	16.9	2453
12/12/2015	5:30:00	0	155.021	16.9	2451.8
12/12/2015	5:45:00	0	154.961	16.9	2451.8
12/12/2015	6:00:00	0	155.015	16.9	2451.8
12/12/2015	6:15:00	0	155.034	16.9	2451.8
12/12/2015	6:30:00	0	155.003	16.9	2451.8

12/12/2015	6:45:00	0	155.055	16.9	2450.7
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12/12/2015	7:15:00	0	155.024	16.9	2451.8
12/12/2015	7:30:00	0	155.004	16.9	2451.8
12/12/2015	7:45:00	0	155.04	16.9	2453
12/12/2015	8:00:00	0	155.012	16.9	2453
12/12/2015	8:15:00	0	155.05	16.9	2453
12/12/2015	8:30:00	0	155.032	16.9	2453
12/12/2015	8:45:00	0	155.002	16.9	2453
12/12/2015	9:00:00	0	155.014	16.9	2455.3
12/12/2015	9:15:00	0	155.045	16.9	2455.3
12/12/2015	9:30:00	0	155.003	16.9	2456.5
12/12/2015	9:45:00	0	154.982	16.9	2457.6
12/12/2015	10:00:00	0	154.993	16.9	2456.5
12/12/2015	10:15:00	0	154.964	16.9	2457.6
12/12/2015	10:30:00	0	154.981	16.9	2457.6
12/12/2015	10:45:00	0	155.038	16.9	2457.6
12/12/2015	11:00:00	0	155.022	16.9	2457.6
12/12/2015	11:15:00	0	155.008	16.9	2456.5
12/12/2015	11:30:00	0	155.035	16.9	2456.5
12/12/2015	11:45:00	0	155.011	16.9	2456.5
12/12/2015	12:00:00	0	154.988	16.9	2456.5
12/12/2015	12:15:00	0	155.031	16.9	2456.5
12/12/2015	12:30:00	0	155.012	16.9	2456.5
12/12/2015	12:45:00	0	155.027	16.9	2456.5
12/12/2015	13:00:00	0	155.012	16.9	2456.5
12/12/2015	13:15:00	0	155.041	16.9	2456.5
12/12/2015	13:30:00	0	155.033	16.9	2455.3
12/12/2015	13:45:00	0	155.066	16.9	2455.3
12/12/2015	14:00:00	0	155.075	16.9	2455.3
12/12/2015	14:15:00	0	155.048	16.9	2455.3
12/12/2015	14:30:00	0	155.063	16.9	2455.3
12/12/2015	14:45:00	0	155.044	16.9	2456.5
12/12/2015	15:00:00	0	155.067	16.9	2455.3
12/12/2015	15:15:00	0	155.046	16.9	2456.5
12/12/2015	15:30:00	0	155.079	16.9	2456.5
12/12/2015	15:45:00	0	155.059	16.9	2456.5
12/12/2015	16:00:00	0	155.092	16.9	2456.5
12/12/2015	16:15:00	0	155.111	16.9	2456.5
12/12/2015	16:30:00	0	155.09	16.9	2455.3
12/12/2015	16:45:00	0	155.046	16.9	2456.5
12/12/2015	17:00:00	0	155.086	16.9	2456.5
12/12/2015	17:15:00	0	155.088	16.9	2456.5
12/12/2015	17:30:00	0	155.128	16.9	2456.5
12/12/2015	17:45:00	0	155.063	16.9	2455.3
12/12/2015	18:00:00	0	155.097	16.9	2455.3
12/12/2015	18:15:00	0	155.113	16.9	2456.5

12/12/2015	18:30:00	0	155.089	16.9	2455.3
12/12/2015	18:45:00	0	155.089	16.9	2455.3
12/12/2015	19:00:00	0	155.129	16.9	2455.3
12/12/2015	19:15:00	0	155.11	16.9	2455.3
12/12/2015	19:30:00	0	155.109	16.9	2455.3
12/12/2015	19:45:00	0	155.088	16.9	2455.3
12/12/2015	20:00:00	0	155.08	16.9	2455.3
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12/12/2015	20:30:00	0	155.081	16.9	2453
12/12/2015	20:45:00	0	155.1	16.9	2453
12/12/2015	21:00:00	0	155.102	16.9	2455.3
12/12/2015	21:15:00	0	155.14	16.9	2455.3
12/12/2015	21:30:00	0	155.122	16.9	2455.3
12/12/2015	21:45:00	0	155.104	16.9	2455.3
12/12/2015	22:00:00	0	155.102	16.9	2456.5
12/12/2015	22:15:00	0	155.1	16.9	2455.3
12/12/2015	22:30:00	0	155.118	16.9	2455.3
12/12/2015	22:45:00	0	155.138	16.9	2455.3
12/12/2015	23:00:00	0	155.121	16.9	2453
12/12/2015	23:15:00	0	155.124	16.9	2453
12/12/2015	23:30:00	0	155.103	16.9	2453
12/12/2015	23:45:00	0	155.105	16.9	2453
12/13/2015	0:00:00	0	155.088	16.9	2453
12/13/2015	0:15:00	0	155.093	16.9	2453
12/13/2015	0:30:00	0	155.152	16.9	2453
12/13/2015	0:45:00	0	155.133	16.9	2453
12/13/2015	1:00:00	0	155.118	16.9	2453
12/13/2015	1:15:00	0	155.117	16.9	2453
12/13/2015	1:30:00	0	155.121	16.9	2453
12/13/2015	1:45:00	0	155.144	16.9	2455.3
12/13/2015	2:00:00	0	155.151	16.9	2455.3
12/13/2015	2:15:00	0	155.15	16.9	2455.3
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12/13/2015	2:45:00	0	155.116	16.9	2455.3
12/13/2015	3:00:00	0	155.124	16.9	2455.3
12/13/2015	3:15:00	0	155.127	16.9	2455.3
12/13/2015	3:30:00	0	155.121	16.9	2455.3
12/13/2015	3:45:00	0	155.149	16.9	2455.3
12/13/2015	4:00:00	0	155.137	16.9	2455.3
12/13/2015	4:15:00	0	155.151	16.9	2455.3
12/13/2015	4:30:00	0	155.155	16.9	2455.3
12/13/2015	4:45:00	0	155.16	16.9	2455.3
12/13/2015	5:00:00	0	155.14	16.9	2456.5
12/13/2015	5:15:00	0	155.191	16.9	2455.3
12/13/2015	5:30:00	0	155.19	16.9	2456.5
12/13/2015	5:45:00	0	155.194	16.9	2455.3
12/13/2015	6:00:00	0	155.185	16.9	2456.5

12/13/2015	6:15:00	0	155.196	16.9	2456.5
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12/13/2015	7:00:00	0	155.188	16.9	2456.5
12/13/2015	7:15:00	0	155.228	16.9	2456.5
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12/13/2015	7:45:00	0	155.252	16.9	2456.5
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12/13/2015	8:15:00	0	155.257	16.9	2455.3
12/13/2015	8:30:00	0	155.27	16.9	2455.3
12/13/2015	8:45:00	0	155.245	16.9	2456.5
12/13/2015	9:00:00	0	155.235	16.9	2455.3
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12/13/2015	14:00:00	0	155.369	16.9	2457.6
12/13/2015	14:15:00	0	155.31	16.9	2458.8
12/13/2015	14:30:00	0	155.348	16.9	2458.8
12/13/2015	14:45:00	0	155.305	16.9	2460
12/13/2015	15:00:00	0	155.347	16.9	2460
12/13/2015	15:15:00	0	155.345	16.9	2462.3
12/13/2015	15:30:00	0	155.341	16.9	2462.3
12/13/2015	15:45:00	0	155.381	16.9	2460
12/13/2015	16:00:00	0	155.341	16.9	2462.3
12/13/2015	16:15:00	0	155.38	16.9	2460
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12/13/2015	17:00:00	0	155.373	16.9	2462.3
12/13/2015	17:15:00	0	155.376	16.9	2462.3
12/13/2015	17:30:00	0	155.409	16.9	2462.3
12/13/2015	17:45:00	0	155.41	16.9	2460

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12/13/2015	18:15:00	0	155.396	16.9	2460
12/13/2015	18:30:00	0	155.372	16.9	2462.3
12/13/2015	18:45:00	0	155.408	16.9	2462.3
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12/13/2015	19:15:00	0	155.428	16.9	2462.3
12/13/2015	19:30:00	0	155.401	16.9	2462.3
12/13/2015	19:45:00	0	155.385	16.9	2462.3
12/13/2015	20:00:00	0	155.365	16.9	2463.4
12/13/2015	20:15:00	0	155.382	16.9	2462.3
12/13/2015	20:30:00	0	155.417	16.9	2463.4
12/13/2015	20:45:00	0	155.395	16.9	2463.4
12/13/2015	21:00:00	0	155.391	16.9	2463.4
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12/13/2015	22:00:00	0	155.397	16.9	2464.6
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12/13/2015	22:30:00	0	155.408	16.9	2464.6
12/13/2015	22:45:00	0	155.41	16.9	2464.6
12/13/2015	23:00:00	0	155.399	16.9	2463.4
12/13/2015	23:15:00	0	155.402	16.9	2463.4
12/13/2015	23:30:00	0	155.379	16.9	2463.4
12/13/2015	23:45:00	0	155.42	16.9	2463.4
12/14/2015	0:00:00	0	155.421	16.9	2463.4
12/14/2015	0:15:00	0	155.406	16.9	2463.4
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12/14/2015	1:15:00	0	155.394	16.9	2460
12/14/2015	1:30:00	0	155.393	16.9	2462.3
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12/14/2015	2:30:00	0	155.416	16.9	2460
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12/14/2015	3:00:00	0	155.384	16.9	2462.3
12/14/2015	3:15:00	0	155.404	16.9	2462.3
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12/14/2015	5:00:00	0	155.389	16.9	2463.4
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12/14/2015	7:30:00	0	155.441	16.9	2464.6
12/14/2015	7:45:00	0	155.419	16.9	2464.6
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12/14/2015	17:00:00	0	155.418	16.9	2466.9
12/14/2015	17:15:00	0	155.4	16.9	2466.9

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12/14/2015	17:45:00	0	155.381	16.9	2469.3
12/14/2015	18:00:00	0	155.417	16.9	2469.3
12/14/2015	18:15:00	0	155.394	16.9	2469.3
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12/14/2015	19:15:00	0	155.462	16.9	2466.9
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12/14/2015	19:45:00	0	155.44	16.9	2466.9
12/14/2015	20:00:00	0	155.403	16.9	2466.9
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12/14/2015	20:30:00	0	155.409	16.9	2466.9
12/14/2015	20:45:00	0	155.45	16.9	2466.9
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12/14/2015	21:15:00	0	155.484	16.9	2466.9
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12/14/2015	22:15:00	0	155.443	16.9	2466.9
12/14/2015	22:30:00	0	155.486	16.9	2466.9
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12/14/2015	23:00:00	0	155.443	16.9	2466.9
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12/15/2015	2:15:00	0	155.114	16.9	2471.6
12/15/2015	2:30:00	0	155.153	16.9	2471.6
12/15/2015	2:45:00	0	155.092	16.9	2471.6
12/15/2015	3:00:00	0	155.09	16.9	2471.6
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12/15/2015	3:45:00	0	155.017	16.9	2473.9
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12/15/2015	4:15:00	0	155.053	16.9	2473.9
12/15/2015	4:30:00	0	155.09	16.9	2473.9
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12/15/2015	5:00:00	0	155.146	16.9	2473.9

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12/15/2015	12:45:00	0	155.37	16.9	2477.4
12/15/2015	13:00:00	0	155.391	16.9	2477.4
12/15/2015	13:15:00	0	155.379	16.9	2477.4
12/15/2015	13:30:00	0	155.379	16.9	2477.4
12/15/2015	13:45:00	0	155.4	16.9	2477.4
12/15/2015	14:00:00	0	155.427	16.9	2476.2
12/15/2015	14:15:00	0	155.387	16.9	2476.2
12/15/2015	14:30:00	0	155.408	16.9	2476.2
12/15/2015	14:45:00	0	155.411	16.9	2476.2
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12/15/2015	16:15:00	0	155.48	16.9	2476.2
12/15/2015	16:30:00	0	155.44	16.9	2477.4
12/15/2015	16:45:00	0	155.477	16.9	2477.4

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12/15/2015	17:30:00	0	155.499	16.9	2477.4
12/15/2015	17:45:00	0	155.496	16.9	2477.4
12/15/2015	18:00:00	0	155.491	16.9	2477.4
12/15/2015	18:15:00	0	155.505	16.9	2477.4
12/15/2015	18:30:00	0	155.503	16.9	2477.4
12/15/2015	18:45:00	0	155.484	16.9	2478.5
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12/15/2015	19:30:00	0	155.559	16.9	2479.7
12/15/2015	19:45:00	0	155.503	16.9	2478.5
12/15/2015	20:00:00	0	155.535	16.9	2479.7
12/15/2015	20:15:00	0	155.552	16.9	2479.7
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12/15/2015	21:00:00	0	155.562	16.9	2479.7
12/15/2015	21:15:00	0	155.543	16.9	2479.7
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12/15/2015	23:00:00	0	155.494	16.9	2478.5
12/15/2015	23:15:00	0	155.454	16.9	2477.4
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12/15/2015	23:45:00	0	155.375	16.9	2477.4
12/16/2015	0:00:00	0	155.354	16.9	2477.4
12/16/2015	0:15:00	0	155.357	16.9	2477.4
12/16/2015	0:30:00	0	155.342	16.9	2477.4
12/16/2015	0:45:00	0	155.325	16.9	2477.4
12/16/2015	1:00:00	0	155.304	16.9	2477.4
12/16/2015	1:15:00	0	155.29	16.9	2477.4
12/16/2015	1:30:00	0	155.323	16.9	2477.4
12/16/2015	1:45:00	0	155.363	16.9	2476.2
12/16/2015	2:00:00	0	155.361	16.9	2477.4
12/16/2015	2:15:00	0	155.373	16.9	2476.2
12/16/2015	2:30:00	0	155.389	16.9	2473.9
12/16/2015	2:45:00	0	155.368	16.9	2476.2
12/16/2015	3:00:00	0	155.388	16.9	2476.2
12/16/2015	3:15:00	0	155.365	16.9	2473.9
12/16/2015	3:30:00	0	155.406	16.9	2476.2
12/16/2015	3:45:00	0	155.346	16.9	2476.2
12/16/2015	4:00:00	0	155.392	16.9	2473.9
12/16/2015	4:15:00	0	155.388	16.9	2476.2
12/16/2015	4:30:00	0	155.374	16.9	2473.9

12/16/2015	4:45:00	0	155.417	16.9	2476.2
12/16/2015	5:00:00	0	155.437	16.9	2476.2
12/16/2015	5:15:00	0	155.435	16.9	2476.2
12/16/2015	5:30:00	0	155.486	16.9	2476.2
12/16/2015	5:45:00	0	155.489	16.9	2473.9
12/16/2015	6:00:00	0	155.489	16.9	2476.2
12/16/2015	6:15:00	0	155.474	16.9	2476.2
12/16/2015	6:30:00	0	155.472	16.9	2476.2
12/16/2015	6:45:00	0	155.496	16.9	2476.2
12/16/2015	7:00:00	0	155.497	16.9	2476.2
12/16/2015	7:15:00	0	155.511	16.9	2477.4
12/16/2015	7:30:00	0	155.521	16.9	2476.2
12/16/2015	7:45:00	0	155.516	16.9	2476.2
12/16/2015	8:00:00	0	155.509	16.9	2476.2
12/16/2015	8:15:00	0	155.519	16.9	2476.2
12/16/2015	8:30:00	0	155.49	16.9	2476.2
12/16/2015	8:45:00	0	155.541	16.9	2477.4
12/16/2015	9:00:00	0	155.516	16.9	2477.4
12/16/2015	9:15:00	0	155.487	16.9	2477.4
12/16/2015	9:30:00	0	155.543	16.9	2477.4
12/16/2015	9:45:00	0	155.5	16.9	2478.5
12/16/2015	10:00:00	0	155.518	16.9	2477.4
12/16/2015	10:15:00	0	155.5	16.9	2476.2
12/16/2015	10:30:00	0	155.521	16.9	2477.4
12/16/2015	10:45:00	0	155.525	16.9	2477.4
12/16/2015	11:00:00	0	155.513	16.9	2477.4
12/16/2015	11:15:00	0	155.523	16.9	2477.4
12/16/2015	11:30:00	0	155.506	16.9	2477.4
12/16/2015	11:45:00	0	155.531	16.9	2477.4
12/16/2015	12:00:00	0	155.533	16.9	2477.4
12/16/2015	12:15:00	0	155.538	16.9	2477.4
12/16/2015	12:30:00	0	155.526	16.9	2478.5
12/16/2015	12:45:00	0	155.529	16.9	2478.5
12/16/2015	13:00:00	0	155.533	16.9	2477.4
12/16/2015	13:15:00	0	155.575	16.9	2478.5
12/16/2015	13:30:00	0	155.535	16.9	2478.5
12/16/2015	13:45:00	0	155.478	16.9	2478.5
12/16/2015	14:00:00	0	155.519	16.9	2478.5
12/16/2015	14:15:00	0	155.54	16.9	2479.7
12/16/2015	14:30:00	0	155.542	16.9	2479.7
12/16/2015	14:45:00	0	155.539	16.9	2479.7
12/16/2015	15:00:00	0	155.541	16.9	2480.9
12/16/2015	15:15:00	0	155.497	16.9	2480.9
12/16/2015	15:30:00	0	155.517	16.9	2479.7
12/16/2015	15:45:00	0	155.524	16.9	2480.9
12/16/2015	16:00:00	0	155.566	16.9	2478.5
12/16/2015	16:15:00	0	155.566	16.9	2480.9

12/16/2015	16:30:00	0	155.565	16.9	2480.9
12/16/2015	16:45:00	0	155.545	16.9	2480.9
12/16/2015	17:00:00	0	155.548	16.9	2480.9
12/16/2015	17:15:00	0	155.528	16.9	2480.9
12/16/2015	17:30:00	0	155.523	16.9	2479.7
12/16/2015	17:45:00	0	155.559	16.9	2477.4
12/16/2015	18:00:00	0	155.555	16.9	2479.7
12/16/2015	18:15:00	0	155.529	16.9	2479.7
12/16/2015	18:30:00	0	155.529	16.9	2479.7
12/16/2015	18:45:00	0	155.614	16.9	2479.7
12/16/2015	19:00:00	0	155.559	16.9	2479.7
12/16/2015	19:15:00	0	155.538	16.9	2479.7
12/16/2015	19:30:00	0	155.549	16.9	2479.7
12/16/2015	19:45:00	0	155.545	16.9	2479.7
12/16/2015	20:00:00	0	155.525	16.9	2479.7
12/16/2015	20:15:00	0	155.537	16.9	2479.7
12/16/2015	20:30:00	0	155.512	16.9	2479.7
12/16/2015	20:45:00	0	155.515	16.9	2480.9
12/16/2015	21:00:00	0	155.571	16.9	2479.7
12/16/2015	21:15:00	0	155.554	16.9	2479.7
12/16/2015	21:30:00	0	155.536	16.9	2479.7
12/16/2015	21:45:00	0	155.57	16.9	2480.9
12/16/2015	22:00:00	0	155.552	16.9	2480.9
12/16/2015	22:15:00	0	155.566	16.9	2480.9
12/16/2015	22:30:00	0	155.51	16.9	2480.9
12/16/2015	22:45:00	0	155.529	16.9	2480.9
12/16/2015	23:00:00	0	155.446	16.9	2483.2
12/16/2015	23:15:00	0	155.411	16.9	2480.9
12/16/2015	23:30:00	0	155.372	16.9	2480.9
12/16/2015	23:45:00	0	155.351	16.9	2483.2

Serial_number:

1071218

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 85.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00	0	85.653	17.7	1493.2
12/10/2015	0:15:00	0	86.046	17.7	1493.2
12/10/2015	0:30:00	0	85.897	17.7	1493.2
12/10/2015	0:45:00	0	86.65	17.7	1492.1
12/10/2015	1:00:00	0	85.563	17.7	1490.9
12/10/2015	1:15:00	0	85.76	17.7	1490.9
12/10/2015	1:30:00	0	86.106	17.7	1493.2
12/10/2015	1:45:00	0	85.552	17.7	1492.1
12/10/2015	2:00:00	0	86.309	17.7	1492.1
12/10/2015	2:15:00	0	86.42	17.7	1492.1
12/10/2015	2:30:00	0	86.784	17.7	1492.1
12/10/2015	2:45:00	0	87.31	17.7	1490.9
12/10/2015	3:00:00	0	86.962	17.7	1490.9
12/10/2015	3:15:00	0	87.784	17.7	1492.1
12/10/2015	3:30:00	0	87.749	17.7	1490.9
12/10/2015	3:45:00	0	87.767	17.7	1493.2
12/10/2015	4:00:00	0	87.414	17.7	1493.2
12/10/2015	4:15:00	0	86.934	17.7	1490.9
12/10/2015	4:30:00	0	87.443	17.7	1489.8
12/10/2015	4:45:00	0	87.896	17.7	1489.8
12/10/2015	5:00:00	0	88.022	17.7	1490.9
12/10/2015	5:15:00	0	89.086	17.7	1490.9
12/10/2015	5:30:00	0	88.338	17.7	1490.9
12/10/2015	5:45:00	0	88.091	17.7	1490.9
12/10/2015	6:00:00	0	88.687	17.7	1490.9
12/10/2015	6:15:00	0	89.524	17.7	1489.8
12/10/2015	6:30:00	0	89	17.7	1489.8
12/10/2015	6:45:00	0	88.863	17.7	1490.9
12/10/2015	7:00:00	0	89.402	17.7	1492.1
12/10/2015	7:15:00	0	88.553	17.7	1490.9
12/10/2015	7:30:00	0	88.006	17.7	1489.8

12/10/2015	7:45:00	0	88.686	17.7	1490.9
12/10/2015	8:00:00	0	88.41	17.7	1490.9
12/10/2015	8:15:00	0	88.19	17.7	1492.1
12/10/2015	8:30:00	0	88.561	17.7	1489.8
12/10/2015	8:45:00	0	88.172	17.7	1489.8
12/10/2015	9:00:00	0	88.296	17.7	1489.8
12/10/2015	9:15:00	0	88.268	17.7	1492.1
12/10/2015	9:30:00	0	88.158	17.7	1492.1
12/10/2015	9:45:00	0	88.401	17.7	1493.2
12/10/2015	10:00:00	0	88.187	17.7	1495.5
12/10/2015	10:15:00	0	88.026	17.7	1493.2
12/10/2015	10:30:00	0	88.93	17.7	1493.2
12/10/2015	10:45:00	0	89.302	17.7	1493.2
12/10/2015	11:00:00	0	89.243	17.7	1493.2
12/10/2015	11:15:00	0	89.813	17.7	1493.2
12/10/2015	11:30:00	0	90.051	17.7	1493.2
12/10/2015	11:45:00	0	95.036	17.7	1537.9
12/10/2015	12:00:00	0	92.792	17.7	1535.6
12/10/2015	12:15:00	0	92.589	17.7	1515
12/10/2015	12:30:00	0	91.844	17.7	1502.4
12/10/2015	12:45:00	0	91.725	17.7	1501.3
12/10/2015	13:00:00	0	90.941	17.7	1501.3
12/10/2015	13:15:00	0	90.968	17.7	1504.7
12/10/2015	13:30:00	0	91.501	17.7	1504.7
12/10/2015	13:45:00	0	91.823	17.7	1503.6
12/10/2015	14:00:00	0	91.928	17.7	1505.8
12/10/2015	14:15:00	0	91.749	17.7	1505.8
12/10/2015	14:30:00	0	91.193	17.7	1507
12/10/2015	14:45:00	0	92.254	17.7	1508.1
12/10/2015	15:00:00	0	92.179	17.7	1507
12/10/2015	15:15:00	0	91.001	17.7	1505.8
12/10/2015	15:30:00	0	91.824	17.7	1507
12/10/2015	15:45:00	0	91.943	17.7	1504.7
12/10/2015	16:00:00	0	92.259	17.7	1504.7
12/10/2015	16:15:00	0	91.26	17.7	1505.8
12/10/2015	16:30:00	0	91.413	17.7	1505.8
12/10/2015	16:45:00	0	90.783	17.7	1504.7
12/10/2015	17:00:00	0	91.088	17.7	1503.6
12/10/2015	17:15:00	0	91.469	17.7	1503.6
12/10/2015	17:30:00	0	91.063	17.7	1503.6
12/10/2015	17:45:00	0	90.752	17.7	1504.7
12/10/2015	18:00:00	0	90.796	17.7	1505.8
12/10/2015	18:15:00	0	91.171	17.7	1505.8
12/10/2015	18:30:00	0	90.664	17.7	1505.8
12/10/2015	18:45:00	0	91.017	17.7	1507
12/10/2015	19:00:00	0	91.632	17.7	1505.8
12/10/2015	19:15:00	0	91.401	17.7	1505.8

12/10/2015	19:30:00	0	91.057	17.7	1505.8
12/10/2015	19:45:00	0	91.896	17.7	1505.8
12/10/2015	20:00:00	0	91.735	17.7	1503.6
12/10/2015	20:15:00	0	91.8	17.7	1504.7
12/10/2015	20:30:00	0	91.403	17.7	1505.8
12/10/2015	20:45:00	0	91.331	17.7	1505.8
12/10/2015	21:00:00	0	91.59	17.7	1503.6
12/10/2015	21:15:00	0	92.262	17.7	1504.7
12/10/2015	21:30:00	0	90.83	17.7	1504.7
12/10/2015	21:45:00	0	92.038	17.7	1504.7
12/10/2015	22:00:00	0	91.341	17.7	1505.8
12/10/2015	22:15:00	0	92.37	17.7	1504.7
12/10/2015	22:30:00	0	92.61	17.7	1503.6
12/10/2015	22:45:00	0	91.213	17.7	1504.7
12/10/2015	23:00:00	0	90.963	17.7	1503.6
12/10/2015	23:15:00	0	91.323	17.7	1502.4
12/10/2015	23:30:00	0	91.904	17.7	1503.6
12/10/2015	23:45:00	0	91.428	17.7	1503.6
12/11/2015	0:00:00	0	91.627	17.7	1503.6
12/11/2015	0:15:00	0	91.304	17.7	1502.4
12/11/2015	0:30:00	0	90.81	17.7	1502.4
12/11/2015	0:45:00	0	91.01	17.7	1503.6
12/11/2015	1:00:00	0	91.048	17.7	1504.7
12/11/2015	1:15:00	0	90.96	17.7	1503.6
12/11/2015	1:30:00	0	91.663	17.7	1503.6
12/11/2015	1:45:00	0	91.334	17.7	1503.6
12/11/2015	2:00:00	0	92.238	17.7	1503.6
12/11/2015	2:15:00	0	90.94	17.7	1503.6
12/11/2015	2:30:00	0	91.103	17.7	1503.6
12/11/2015	2:45:00	0	90.582	17.7	1503.6
12/11/2015	3:00:00	0	91.119	17.7	1503.6
12/11/2015	3:15:00	0	90.93	17.7	1503.6
12/11/2015	3:30:00	0	91.423	17.7	1504.7
12/11/2015	3:45:00	0	91.371	17.7	1504.7
12/11/2015	4:00:00	0	91.568	17.7	1505.8
12/11/2015	4:15:00	0	91.473	17.7	1505.8
12/11/2015	4:30:00	0	91.183	17.7	1504.7
12/11/2015	4:45:00	0	91.657	17.7	1504.7
12/11/2015	5:00:00	0	91.647	17.7	1503.6
12/11/2015	5:15:00	0	91.022	17.7	1503.6
12/11/2015	5:30:00	0	91.197	17.7	1502.4
12/11/2015	5:45:00	0	90.937	17.7	1503.6
12/11/2015	6:00:00	0	91.932	17.7	1504.7
12/11/2015	6:15:00	0	90.827	17.7	1504.7
12/11/2015	6:30:00	0	92.148	17.7	1503.6
12/11/2015	6:45:00	0	90.798	17.7	1503.6
12/11/2015	7:00:00	0	91.816	17.7	1504.7

12/11/2015	7:15:00	0	92.011	17.7	1503.6
12/11/2015	7:30:00	0	91.142	17.7	1503.6
12/11/2015	7:45:00	0	90.551	17.7	1503.6
12/11/2015	8:00:00	0	90.898	17.7	1503.6
12/11/2015	8:15:00	0	91.517	17.7	1503.6
12/11/2015	8:30:00	0	91.917	17.7	1503.6
12/11/2015	8:45:00	0	90.674	17.7	1504.7
12/11/2015	9:00:00	0	91.736	17.7	1502.4
12/11/2015	9:15:00	0	90.192	17.7	1502.4
12/11/2015	9:30:00	0	91.07	17.7	1503.6
12/11/2015	9:45:00	0	90.971	17.7	1504.7
12/11/2015	10:00:00	0	91.357	17.7	1504.7
12/11/2015	10:15:00	0	91.562	17.7	1503.6
12/11/2015	10:30:00	0	90.925	17.7	1503.6
12/11/2015	10:45:00	0	92.594	17.7	1503.6
12/11/2015	11:00:00	0	91.982	17.7	1502.4
12/11/2015	11:15:00	0	91.765	17.7	1502.4
12/11/2015	11:30:00	0	92.021	17.7	1501.3
12/11/2015	11:45:00	0	91.71	17.7	1503.6
12/11/2015	12:00:00	0	92.378	17.7	1504.7
12/11/2015	12:15:00	0	91.342	17.7	1505.8
12/11/2015	12:30:00	0	92.545	17.7	1504.7
12/11/2015	12:45:00	0	91.879	17.7	1504.7
12/11/2015	13:00:00	0	91.937	17.7	1503.6
12/11/2015	13:15:00	0	92.296	17.7	1504.7
12/11/2015	13:30:00	0	92.669	17.7	1503.6
12/11/2015	13:45:00	0	92.081	17.7	1503.6
12/11/2015	14:00:00	0	92.081	17.7	1503.6
12/11/2015	14:15:00	0	92.315	17.7	1503.6
12/11/2015	14:30:00	0	91.925	17.7	1502.4
12/11/2015	14:45:00	0	91.984	17.7	1502.4
12/11/2015	15:00:00	0	91.648	17.7	1502.4
12/11/2015	15:15:00	0	91.326	17.7	1504.7
12/11/2015	15:30:00	0	91.01	17.7	1505.8
12/11/2015	15:45:00	0	91.756	17.7	1505.8
12/11/2015	16:00:00	0	91.552	17.7	1505.8
12/11/2015	16:15:00	0	92.297	17.7	1505.8
12/11/2015	16:30:00	0	91.835	17.7	1505.8
12/11/2015	16:45:00	0	92.221	17.7	1505.8
12/11/2015	17:00:00	0	92.178	17.7	1504.7
12/11/2015	17:15:00	0	92.646	17.7	1503.6
12/11/2015	17:30:00	0	91.719	17.7	1503.6
12/11/2015	17:45:00	0	92.524	17.7	1503.6
12/11/2015	18:00:00	0	91.788	17.7	1504.7
12/11/2015	18:15:00	0	91.601	17.7	1505.8
12/11/2015	18:30:00	0	91.952	17.7	1504.7
12/11/2015	18:45:00	0	91.831	17.7	1504.7

12/11/2015	19:00:00	0	91.771	17.7	1504.7
12/11/2015	19:15:00	0	91.158	17.7	1505.8
12/11/2015	19:30:00	0	91.728	17.7	1505.8
12/11/2015	19:45:00	0	91.645	17.7	1507
12/11/2015	20:00:00	0	91.461	17.7	1507
12/11/2015	20:15:00	0	91.984	17.7	1507
12/11/2015	20:30:00	0	90.726	17.7	1507
12/11/2015	20:45:00	0	91.043	17.7	1505.8
12/11/2015	21:00:00	0	91.137	17.7	1504.7
12/11/2015	21:15:00	0	91.666	17.7	1504.7
12/11/2015	21:30:00	0	91.207	17.7	1504.7
12/11/2015	21:45:00	0	91.873	17.7	1504.7
12/11/2015	22:00:00	0	92.539	17.7	1504.7
12/11/2015	22:15:00	0	91.712	17.7	1505.8
12/11/2015	22:30:00	0	91.705	17.7	1505.8
12/11/2015	22:45:00	0	91.547	17.7	1505.8
12/11/2015	23:00:00	0	91.052	17.7	1505.8
12/11/2015	23:15:00	0	92.373	17.7	1505.8
12/11/2015	23:30:00	0	91.205	17.7	1507
12/11/2015	23:45:00	0	91.911	17.7	1507
12/12/2015	0:00:00	0	90.814	17.7	1505.8
12/12/2015	0:15:00	0	90.911	17.7	1507
12/12/2015	0:30:00	0	91.62	17.7	1507
12/12/2015	0:45:00	0	91.499	17.7	1507
12/12/2015	1:00:00	0	91.674	17.7	1505.8
12/12/2015	1:15:00	0	91.568	17.7	1505.8
12/12/2015	1:30:00	0	91.697	17.7	1504.7
12/12/2015	1:45:00	0	91.297	17.7	1504.7
12/12/2015	2:00:00	0	91.056	17.7	1504.7
12/12/2015	2:15:00	0	91.528	17.7	1504.7
12/12/2015	2:30:00	0	91.723	17.7	1504.7
12/12/2015	2:45:00	0	92.491	17.7	1503.6
12/12/2015	3:00:00	0	91.505	17.7	1502.4
12/12/2015	3:15:00	0	91.429	17.7	1503.6
12/12/2015	3:30:00	0	91.429	17.7	1502.4
12/12/2015	3:45:00	0	91.987	17.7	1504.7
12/12/2015	4:00:00	0	92.225	17.7	1504.7
12/12/2015	4:15:00	0	91.715	17.7	1504.7
12/12/2015	4:30:00	0	91.863	17.7	1503.6
12/12/2015	4:45:00	0	91.444	17.7	1504.7
12/12/2015	5:00:00	0	92.168	17.7	1504.7
12/12/2015	5:15:00	0	91.235	17.7	1504.7
12/12/2015	5:30:00	0	90.612	17.7	1504.7
12/12/2015	5:45:00	0	90.847	17.7	1503.6
12/12/2015	6:00:00	0	91.216	17.7	1502.4
12/12/2015	6:15:00	0	91.49	17.7	1502.4
12/12/2015	6:30:00	0	91.322	17.7	1502.4

12/12/2015	6:45:00	0	92.456	17.7	1502.4
12/12/2015	7:00:00	0	90.935	17.7	1502.4
12/12/2015	7:15:00	0	92.012	17.7	1503.6
12/12/2015	7:30:00	0	92.09	17.7	1505.8
12/12/2015	7:45:00	0	91.792	17.7	1505.8
12/12/2015	8:00:00	0	92.237	17.7	1505.8
12/12/2015	8:15:00	0	91.526	17.7	1505.8
12/12/2015	8:30:00	0	90.918	17.7	1504.7
12/12/2015	8:45:00	0	91.97	17.7	1504.7
12/12/2015	9:00:00	0	91.254	17.7	1503.6
12/12/2015	9:15:00	0	91.305	17.7	1503.6
12/12/2015	9:30:00	0	92.463	17.7	1502.4
12/12/2015	9:45:00	0	92.541	17.7	1502.4
12/12/2015	10:00:00	0	91.134	17.7	1504.7
12/12/2015	10:15:00	0	90.968	17.7	1504.7
12/12/2015	10:30:00	0	91.733	17.7	1504.7
12/12/2015	10:45:00	0	92.223	17.7	1503.6
12/12/2015	11:00:00	0	91.341	17.7	1502.4
12/12/2015	11:15:00	0	90.441	17.7	1502.4
12/12/2015	11:30:00	0	91.078	17.7	1503.6
12/12/2015	11:45:00	0	91.94	17.7	1502.4
12/12/2015	12:00:00	0	91.307	17.7	1502.4
12/12/2015	12:15:00	0	91.074	17.7	1502.4
12/12/2015	12:30:00	0	91.804	17.7	1502.4
12/12/2015	12:45:00	0	91.464	17.7	1502.4
12/12/2015	13:00:00	0	91.508	17.7	1502.4
12/12/2015	13:15:00	0	92.226	17.7	1502.4
12/12/2015	13:30:00	0	92.355	17.7	1502.4
12/12/2015	13:45:00	0	91.661	17.7	1502.4
12/12/2015	14:00:00	0	91.001	17.7	1502.4
12/12/2015	14:15:00	0	92.784	17.7	1504.7
12/12/2015	14:30:00	0	92.779	17.7	1505.8
12/12/2015	14:45:00	0	91.087	17.7	1505.8
12/12/2015	15:00:00	0	91.523	17.7	1505.8
12/12/2015	15:15:00	0	91.168	17.7	1504.7
12/12/2015	15:30:00	0	91.831	17.7	1503.6
12/12/2015	15:45:00	0	91.319	17.7	1503.6
12/12/2015	16:00:00	0	92.257	17.7	1503.6
12/12/2015	16:15:00	0	92	17.7	1502.4
12/12/2015	16:30:00	0	91.822	17.7	1502.4
12/12/2015	16:45:00	0	91.384	17.7	1503.6
12/12/2015	17:00:00	0	91.129	17.7	1503.6
12/12/2015	17:15:00	0	91.387	17.7	1503.6
12/12/2015	17:30:00	0	90.876	17.7	1503.6
12/12/2015	17:45:00	0	91.343	17.7	1502.4
12/12/2015	18:00:00	0	91.79	17.7	1502.4
12/12/2015	18:15:00	0	91.884	17.7	1502.4

12/12/2015	18:30:00	0	92.057	17.7	1503.6
12/12/2015	18:45:00	0	92.51	17.7	1503.6
12/12/2015	19:00:00	0	91.861	17.7	1502.4
12/12/2015	19:15:00	0	92.098	17.7	1502.4
12/12/2015	19:30:00	0	92.274	17.7	1502.4
12/12/2015	19:45:00	0	91.958	17.7	1502.4
12/12/2015	20:00:00	0	92.324	17.7	1502.4
12/12/2015	20:15:00	0	92.759	17.7	1502.4
12/12/2015	20:30:00	0	91.636	17.7	1502.4
12/12/2015	20:45:00	0	91.95	17.7	1502.4
12/12/2015	21:00:00	0	92.227	17.7	1501.3
12/12/2015	21:15:00	0	91.754	17.7	1502.4
12/12/2015	21:30:00	0	92.701	17.7	1502.4
12/12/2015	21:45:00	0	92.997	17.7	1503.6
12/12/2015	22:00:00	0	91.873	17.7	1504.7
12/12/2015	22:15:00	0	91.891	17.7	1503.6
12/12/2015	22:30:00	0	91.909	17.7	1504.7
12/12/2015	22:45:00	0	91.811	17.7	1503.6
12/12/2015	23:00:00	0	92.405	17.7	1503.6
12/12/2015	23:15:00	0	92.505	17.7	1504.7
12/12/2015	23:30:00	0	92.819	17.7	1505.8
12/12/2015	23:45:00	0	92.742	17.7	1504.7
12/13/2015	0:00:00	0	92.332	17.7	1504.7
12/13/2015	0:15:00	0	91.608	17.7	1504.7
12/13/2015	0:30:00	0	92.435	17.7	1504.7
12/13/2015	0:45:00	0	93.578	17.7	1504.7
12/13/2015	1:00:00	0	92.125	17.7	1503.6
12/13/2015	1:15:00	0	92.479	17.7	1502.4
12/13/2015	1:30:00	0	92.62	17.7	1502.4
12/13/2015	1:45:00	0	91.502	17.7	1502.4
12/13/2015	2:00:00	0	92.671	17.7	1503.6
12/13/2015	2:15:00	0	92.256	17.7	1502.4
12/13/2015	2:30:00	0	92.448	17.7	1500.1
12/13/2015	2:45:00	0	92.616	17.7	1501.3
12/13/2015	3:00:00	0	91.915	17.7	1501.3
12/13/2015	3:15:00	0	93.021	17.7	1501.3
12/13/2015	3:30:00	0	92.208	17.7	1501.3
12/13/2015	3:45:00	0	92.609	17.7	1501.3
12/13/2015	4:00:00	0	93.228	17.7	1500.1
12/13/2015	4:15:00	0	92.198	17.7	1497.8
12/13/2015	4:30:00	0	92.438	17.7	1499
12/13/2015	4:45:00	0	91.991	17.7	1500.1
12/13/2015	5:00:00	0	92.877	17.7	1500.1
12/13/2015	5:15:00	0	92.14	17.7	1501.3
12/13/2015	5:30:00	0	93.005	17.7	1501.3
12/13/2015	5:45:00	0	93.186	17.7	1501.3
12/13/2015	6:00:00	0	93.099	17.7	1501.3

12/13/2015	6:15:00	0	93.247	17.7	1501.3
12/13/2015	6:30:00	0	92.687	17.7	1501.3
12/13/2015	6:45:00	0	93.204	17.7	1501.3
12/13/2015	7:00:00	0	93.298	17.7	1501.3
12/13/2015	7:15:00	0	92.551	17.7	1501.3
12/13/2015	7:30:00	0	93.488	17.7	1501.3
12/13/2015	7:45:00	0	92.338	17.7	1500.1
12/13/2015	8:00:00	0	92.596	17.7	1501.3
12/13/2015	8:15:00	0	93.465	17.7	1501.3
12/13/2015	8:30:00	0	93.695	17.7	1500.1
12/13/2015	8:45:00	0	93.631	17.7	1500.1
12/13/2015	9:00:00	0	92.676	17.7	1500.1
12/13/2015	9:15:00	0	92.938	17.7	1500.1
12/13/2015	9:30:00	0	93.682	17.7	1501.3
12/13/2015	9:45:00	0	94.155	17.7	1500.1
12/13/2015	10:00:00	0	92.858	17.7	1500.1
12/13/2015	10:15:00	0	93.719	17.7	1500.1
12/13/2015	10:30:00	0	93.367	17.7	1501.3
12/13/2015	10:45:00	0	93.866	17.7	1501.3
12/13/2015	11:00:00	0	94.495	17.7	1501.3
12/13/2015	11:15:00	0	94.206	17.7	1501.3
12/13/2015	11:30:00	0	93.563	17.7	1501.3
12/13/2015	11:45:00	0	93.701	17.7	1501.3
12/13/2015	12:00:00	0	93.762	17.7	1501.3
12/13/2015	12:15:00	0	93.716	17.7	1501.3
12/13/2015	12:30:00	0	93.117	17.7	1501.3
12/13/2015	12:45:00	0	93.093	17.7	1501.3
12/13/2015	13:00:00	0	93.275	17.7	1500.1
12/13/2015	13:15:00	0	93.487	17.7	1500.1
12/13/2015	13:30:00	0	92.678	17.7	1500.1
12/13/2015	13:45:00	0	93.402	17.7	1499
12/13/2015	14:00:00	0	93.637	17.7	1499
12/13/2015	14:15:00	0	94.168	17.7	1501.3
12/13/2015	14:30:00	0	92.986	17.7	1502.4
12/13/2015	14:45:00	0	93.808	17.7	1501.3
12/13/2015	15:00:00	0	93.142	17.7	1501.3
12/13/2015	15:15:00	0	93.849	17.7	1501.3
12/13/2015	15:30:00	0	92.664	17.7	1502.4
12/13/2015	15:45:00	0	93.058	17.7	1502.4
12/13/2015	16:00:00	0	93.57	17.7	1502.4
12/13/2015	16:15:00	0	93.332	17.7	1501.3
12/13/2015	16:30:00	0	93.299	17.7	1501.3
12/13/2015	16:45:00	0	93.83	17.7	1500.1
12/13/2015	17:00:00	0	93.444	17.7	1500.1
12/13/2015	17:15:00	0	93.565	17.7	1500.1
12/13/2015	17:30:00	0	94.267	17.7	1500.1
12/13/2015	17:45:00	0	94.11	17.7	1500.1

12/13/2015	18:00:00	0	93.592	17.7	1500.1
12/13/2015	18:15:00	0	93.604	17.7	1500.1
12/13/2015	18:30:00	0	94.762	17.7	1501.3
12/13/2015	18:45:00	0	93.381	17.7	1501.3
12/13/2015	19:00:00	0	93.481	17.7	1501.3
12/13/2015	19:15:00	0	92.79	17.7	1500.1
12/13/2015	19:30:00	0	93.807	17.7	1500.1
12/13/2015	19:45:00	0	94.105	17.7	1500.1
12/13/2015	20:00:00	0	93.081	17.7	1500.1
12/13/2015	20:15:00	0	94.24	17.7	1500.1
12/13/2015	20:30:00	0	92.878	17.7	1500.1
12/13/2015	20:45:00	0	93.801	17.7	1500.1
12/13/2015	21:00:00	0	93.738	17.7	1501.3
12/13/2015	21:15:00	0	93.128	17.7	1501.3
12/13/2015	21:30:00	0	93.251	17.7	1501.3
12/13/2015	21:45:00	0	92.993	17.7	1501.3
12/13/2015	22:00:00	0	94.216	17.7	1501.3
12/13/2015	22:15:00	0	93.744	17.7	1501.3
12/13/2015	22:30:00	0	93.322	17.7	1501.3
12/13/2015	22:45:00	0	93.599	17.7	1500.1
12/13/2015	23:00:00	0	93.844	17.7	1500.1
12/13/2015	23:15:00	0	93.965	17.7	1499
12/13/2015	23:30:00	0	94.985	17.7	1499
12/13/2015	23:45:00	0	94.337	17.7	1500.1
12/14/2015	0:00:00	0	93.689	17.7	1499
12/14/2015	0:15:00	0	94.225	17.7	1499
12/14/2015	0:30:00	0	93.772	17.7	1499
12/14/2015	0:45:00	0	94.358	17.7	1500.1
12/14/2015	1:00:00	0	93.194	17.7	1500.1
12/14/2015	1:15:00	0	93.997	17.7	1499
12/14/2015	1:30:00	0	94.547	17.7	1499
12/14/2015	1:45:00	0	93.754	17.7	1500.1
12/14/2015	2:00:00	0	94.383	17.7	1500.1
12/14/2015	2:15:00	0	94.04	17.7	1501.3
12/14/2015	2:30:00	0	93.329	17.7	1500.1
12/14/2015	2:45:00	0	95.105	17.7	1500.1
12/14/2015	3:00:00	0	94.302	17.7	1500.1
12/14/2015	3:15:00	0	93.987	17.7	1500.1
12/14/2015	3:30:00	0	94.775	17.7	1500.1
12/14/2015	3:45:00	0	94.58	17.7	1500.1
12/14/2015	4:00:00	0	93.974	17.7	1499
12/14/2015	4:15:00	0	93.892	17.7	1499
12/14/2015	4:30:00	0	94.384	17.7	1497.8
12/14/2015	4:45:00	0	93.657	17.7	1497.8
12/14/2015	5:00:00	0	94.405	17.7	1497.8
12/14/2015	5:15:00	0	93.889	17.7	1497.8
12/14/2015	5:30:00	0	94.045	17.7	1497.8

12/14/2015	5:45:00	0	93.921	17.7	1497.8
12/14/2015	6:00:00	0	93.941	17.7	1497.8
12/14/2015	6:15:00	0	94.671	17.7	1497.8
12/14/2015	6:30:00	0	94.311	17.7	1497.8
12/14/2015	6:45:00	0	93.678	17.7	1496.7
12/14/2015	7:00:00	0	94.324	17.7	1497.8
12/14/2015	7:15:00	0	94.221	17.7	1497.8
12/14/2015	7:30:00	0	93.984	17.7	1497.8
12/14/2015	7:45:00	0	93.845	17.7	1497.8
12/14/2015	8:00:00	0	93.232	17.7	1497.8
12/14/2015	8:15:00	0	93.44	17.7	1497.8
12/14/2015	8:30:00	0	94.063	17.7	1497.8
12/14/2015	8:45:00	0	93.267	17.7	1497.8
12/14/2015	9:00:00	0	94.064	17.7	1497.8
12/14/2015	9:15:00	0	94.2	17.7	1497.8
12/14/2015	9:30:00	0	94.068	17.7	1499
12/14/2015	9:45:00	0	94.142	17.7	1499
12/14/2015	10:00:00	0	93.944	17.7	1499
12/14/2015	10:15:00	0	93.708	17.7	1500.1
12/14/2015	10:30:00	0	94.022	17.7	1500.1
12/14/2015	10:45:00	0	95.102	17.7	1499
12/14/2015	11:00:00	0	94.3	17.7	1499
12/14/2015	11:15:00	0	93.949	17.7	1497.8
12/14/2015	11:30:00	0	94.347	17.7	1497.8
12/14/2015	11:45:00	0	94.389	17.7	1497.8
12/14/2015	12:00:00	0	93.928	17.7	1496.7
12/14/2015	12:15:00	0	94.248	17.7	1495.5
12/14/2015	12:30:00	0	93.566	17.7	1495.5
12/14/2015	12:45:00	0	94.667	17.7	1496.7
12/14/2015	13:00:00	0	93.784	17.7	1499
12/14/2015	13:15:00	0	93.547	17.7	1499
12/14/2015	13:30:00	0	93.963	17.7	1497.8
12/14/2015	13:45:00	0	93.393	17.7	1497.8
12/14/2015	14:00:00	0	93.624	17.7	1497.8
12/14/2015	14:15:00	0	94.492	17.7	1495.5
12/14/2015	14:30:00	0	94.136	17.7	1495.5
12/14/2015	14:45:00	0	93.824	17.7	1495.5
12/14/2015	15:00:00	0	94.727	17.7	1495.5
12/14/2015	15:15:00	0	93.649	17.7	1495.5
12/14/2015	15:30:00	0	93.888	17.7	1495.5
12/14/2015	15:45:00	0	93.95	17.7	1495.5
12/14/2015	16:00:00	0	94.399	17.7	1495.5
12/14/2015	16:15:00	0	94.477	17.7	1495.5
12/14/2015	16:30:00	0	93.856	17.7	1494.4
12/14/2015	16:45:00	0	95.062	17.7	1494.4
12/14/2015	17:00:00	0	94.138	17.7	1495.5
12/14/2015	17:15:00	0	94.79	17.7	1495.5

12/14/2015	17:30:00	0	94.436	17.7	1494.4
12/14/2015	17:45:00	0	93.983	17.7	1494.4
12/14/2015	18:00:00	0	94.511	17.7	1494.4
12/14/2015	18:15:00	0	93.8	17.7	1494.4
12/14/2015	18:30:00	0	94.013	17.7	1495.5
12/14/2015	18:45:00	0	94.898	17.7	1495.5
12/14/2015	19:00:00	0	94.719	17.7	1494.4
12/14/2015	19:15:00	0	95.147	17.7	1495.5
12/14/2015	19:30:00	0	94.591	17.7	1495.5
12/14/2015	19:45:00	0	94.377	17.7	1495.5
12/14/2015	20:00:00	0	94.576	17.7	1494.4
12/14/2015	20:15:00	0	94.539	17.7	1493.2
12/14/2015	20:30:00	0	94.641	17.7	1494.4
12/14/2015	20:45:00	0	94.289	17.7	1495.5
12/14/2015	21:00:00	0	94.494	17.7	1495.5
12/14/2015	21:15:00	0	93.791	17.7	1496.7
12/14/2015	21:30:00	0	94.713	17.7	1495.5
12/14/2015	21:45:00	0	93.824	17.7	1496.7
12/14/2015	22:00:00	0	94.494	17.7	1496.7
12/14/2015	22:15:00	0	94.537	17.7	1496.7
12/14/2015	22:30:00	0	95.073	17.7	1496.7
12/14/2015	22:45:00	0	94.776	17.7	1496.7
12/14/2015	23:00:00	0	94.99	17.7	1495.5
12/14/2015	23:15:00	0	95.017	17.7	1495.5
12/14/2015	23:30:00	0	94.429	17.7	1495.5
12/14/2015	23:45:00	0	95.378	17.7	1496.7
12/15/2015	0:00:00	0	94.671	17.7	1497.8
12/15/2015	0:15:00	0	95.09	17.7	1495.5
12/15/2015	0:30:00	0	93.637	17.7	1495.5
12/15/2015	0:45:00	0	93.861	17.7	1494.4
12/15/2015	1:00:00	0	95.04	17.7	1495.5
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12/15/2015	1:30:00	0	94.095	17.7	1493.2
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12/15/2015	2:15:00	0	94.701	17.7	1492.1
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12/15/2015	2:45:00	0	95.623	17.7	1490.9
12/15/2015	3:00:00	0	95.306	17.7	1492.1
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12/15/2015	3:30:00	0	94.762	17.7	1489.8
12/15/2015	3:45:00	0	95.194	17.7	1487.5
12/15/2015	4:00:00	0	94.583	17.7	1488.7
12/15/2015	4:15:00	0	94.305	17.7	1489.8
12/15/2015	4:30:00	0	95.169	17.7	1488.7
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12/15/2015	5:15:00	0	95.615	17.7	1487.5
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12/15/2015	5:45:00	0	94.925	17.7	1489.8
12/15/2015	6:00:00	0	94.628	17.7	1488.7
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12/15/2015	9:00:00	0	95.419	17.7	1494.4
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12/15/2015	13:15:00	0	95.359	17.7	1493.2
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12/15/2015	16:30:00	0	95.716	17.7	1495.5
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12/15/2015	17:00:00	0	95.983	17.7	1495.5
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12/15/2015	17:30:00	0	95.617	17.7	1495.5
12/15/2015	17:45:00	0	95.988	17.7	1495.5
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12/15/2015	19:30:00	0	95.933	17.7	1496.7
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12/15/2015	20:00:00	0	95.909	17.7	1495.5
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12/15/2015	23:45:00	0	96.517	17.7	1496.7
12/16/2015	0:00:00	0	96.28	17.7	1495.5
12/16/2015	0:15:00	0	95.653	17.7	1494.4
12/16/2015	0:30:00	0	96.365	17.7	1493.2
12/16/2015	0:45:00	0	96.171	17.7	1492.1
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12/16/2015	1:30:00	0	95.992	17.7	1492.1
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12/16/2015	4:00:00	0	96.238	17.7	1490.9
12/16/2015	4:15:00	0	96.431	17.7	1490.9
12/16/2015	4:30:00	0	96.221	17.7	1493.2

12/16/2015	4:45:00	0	96.067	17.7	1493.2
12/16/2015	5:00:00	0	95.477	17.7	1492.1
12/16/2015	5:15:00	0	96.085	17.7	1492.1
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12/16/2015	6:15:00	0	96.143	17.7	1490.9
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12/16/2015	6:45:00	0	96.677	17.7	1492.1
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12/16/2015	7:15:00	0	97.243	17.7	1493.2
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12/16/2015	8:30:00	0	96.06	17.8	1490.6
12/16/2015	8:45:00	0	96.604	17.8	1490.6
12/16/2015	9:00:00	0	96.52	17.7	1494.4
12/16/2015	9:15:00	0	95.999	17.7	1495.5
12/16/2015	9:30:00	0	95.7	17.7	1495.5
12/16/2015	9:45:00	0	96.366	17.7	1495.5
12/16/2015	10:00:00	0	96.364	17.7	1494.4
12/16/2015	10:15:00	0	96.425	17.8	1491.8
12/16/2015	10:30:00	0	95.973	17.7	1494.4
12/16/2015	10:45:00	0	96.273	17.7	1493.2
12/16/2015	11:00:00	0	96.399	17.7	1494.4
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12/16/2015	13:30:00	0	97.386	17.7	1493.2
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12/16/2015	14:00:00	0	96.68	17.8	1490.6
12/16/2015	14:15:00	0	97.253	17.7	1492.1
12/16/2015	14:30:00	0	96.172	17.8	1490.6
12/16/2015	14:45:00	0	97.134	17.7	1493.2
12/16/2015	15:00:00	0	96.525	17.8	1488.3
12/16/2015	15:15:00	0	96.146	17.8	1489.5
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12/16/2015	16:15:00	0	96.412	17.8	1490.6

12/16/2015	16:30:00	0	96.549	17.8	1490.6
12/16/2015	16:45:00	0	96.726	17.8	1491.8
12/16/2015	17:00:00	0	96.651	17.8	1492.9
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12/16/2015	17:45:00	0	96.563	17.8	1490.6
12/16/2015	18:00:00	0	96.716	17.8	1491.8
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12/16/2015	19:00:00	0	96.563	17.8	1489.5
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12/16/2015	19:30:00	0	96.395	17.8	1490.6
12/16/2015	19:45:00	0	96.706	17.8	1490.6
12/16/2015	20:00:00	0	96.254	17.8	1489.5
12/16/2015	20:15:00	0	96.836	17.8	1488.3
12/16/2015	20:30:00	0	96.221	17.8	1488.3
12/16/2015	20:45:00	0	96.677	17.8	1489.5
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12/16/2015	22:15:00	0	96.767	17.8	1490.6
12/16/2015	22:30:00	0	96.337	17.8	1490.6
12/16/2015	22:45:00	0	97.163	17.8	1490.6
12/16/2015	23:00:00	0	96.411	17.8	1490.6
12/16/2015	23:15:00	0	96.493	17.8	1490.6
12/16/2015	23:30:00	0	96.868	17.8	1489.5
12/16/2015	23:45:00	0	96.178	17.8	1489.5

Serial_number:
1048058

Project ID:
TSW - Long Test

Location:
MPWSP MW6-M
LEVEL

UNIT: ft
Offset: 0.000000 ft
Altitude: 29.000000 ft
Density: 1.000000 kg/L

TEMPERATURE
UNIT: Deg C

Date	Time	ms	LEVEL	TEMPERATURE
12/10/2015	0:00:00		0 54.9553	16.056
12/10/2015	0:15:00		0 54.968	16.054
12/10/2015	0:30:00		0 54.9756	16.053
12/10/2015	0:45:00		0 54.9855	16.053
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12/10/2015	1:15:00		0 55.0037	16.055
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12/10/2015	2:30:00		0 55.0495	16.057
12/10/2015	2:45:00		0 55.0629	16.057
12/10/2015	3:00:00		0 55.0716	16.058
12/10/2015	3:15:00		0 55.0783	16.054
12/10/2015	3:30:00		0 55.0856	16.057
12/10/2015	3:45:00		0 55.0934	16.054
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12/10/2015	4:15:00		0 55.1196	16.055
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12/10/2015	4:45:00		0 55.1318	16.055
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12/10/2015	9:15:00	0	55.2729	16.054
12/10/2015	9:30:00	0	55.2748	16.055
12/10/2015	9:45:00	0	55.293	16.056
12/10/2015	10:00:00	0	55.2936	16.055
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12/10/2015	12:15:00	0	55.2594	16.059
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12/10/2015	21:30:00	0	55.5766	16.056
12/10/2015	21:45:00	0	55.5792	16.058
12/10/2015	22:00:00	0	55.5873	16.057
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12/10/2015	23:15:00	0	55.6216	16.057
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12/14/2015	17:30:00	0	56.5579	16.052
12/14/2015	17:45:00	0	56.5648	16.054

12/14/2015	18:00:00	0	56.5633	16.055
12/14/2015	18:15:00	0	56.5689	16.052
12/14/2015	18:30:00	0	56.5664	16.051
12/14/2015	18:45:00	0	56.5691	16.053
12/14/2015	19:00:00	0	56.5693	16.051
12/14/2015	19:15:00	0	56.5707	16.052
12/14/2015	19:30:00	0	56.5687	16.052
12/14/2015	19:45:00	0	56.5747	16.054
12/14/2015	20:00:00	0	56.5707	16.051
12/14/2015	20:15:00	0	56.5828	16.053
12/14/2015	20:30:00	0	56.5861	16.052
12/14/2015	20:45:00	0	56.5834	16.052
12/14/2015	21:00:00	0	56.5879	16.051
12/14/2015	21:15:00	0	56.5938	16.052
12/14/2015	21:30:00	0	56.5895	16.053
12/14/2015	21:45:00	0	56.5933	16.051
12/14/2015	22:00:00	0	56.5981	16.052
12/14/2015	22:15:00	0	56.5965	16.052
12/14/2015	22:30:00	0	56.5958	16.053
12/14/2015	22:45:00	0	56.596	16.054
12/14/2015	23:00:00	0	56.5982	16.052
12/14/2015	23:15:00	0	56.6046	16.051
12/14/2015	23:30:00	0	56.6014	16.051
12/14/2015	23:45:00	0	56.6049	16.051
12/15/2015	0:00:00	0	56.6059	16.051
12/15/2015	0:15:00	0	56.606	16.051
12/15/2015	0:30:00	0	56.6106	16.054
12/15/2015	0:45:00	0	56.6119	16.054
12/15/2015	1:00:00	0	56.6013	16.053
12/15/2015	1:15:00	0	56.6055	16.054
12/15/2015	1:30:00	0	56.605	16.054
12/15/2015	1:45:00	0	56.6074	16.05
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12/15/2015	2:30:00	0	56.6014	16.054
12/15/2015	2:45:00	0	56.6	16.054
12/15/2015	3:00:00	0	56.5997	16.054
12/15/2015	3:15:00	0	56.5939	16.054
12/15/2015	3:30:00	0	56.5959	16.052
12/15/2015	3:45:00	0	56.5906	16.05
12/15/2015	4:00:00	0	56.5907	16.052
12/15/2015	4:15:00	0	56.5893	16.052
12/15/2015	4:30:00	0	56.5912	16.052
12/15/2015	4:45:00	0	56.5895	16.053
12/15/2015	5:00:00	0	56.5893	16.055
12/15/2015	5:15:00	0	56.589	16.051
12/15/2015	5:30:00	0	56.5875	16.052

12/15/2015	5:45:00	0	56.5904	16.053
12/15/2015	6:00:00	0	56.5891	16.052
12/15/2015	6:15:00	0	56.5938	16.053
12/15/2015	6:30:00	0	56.5941	16.055
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12/15/2015	7:00:00	0	56.5926	16.052
12/15/2015	7:15:00	0	56.5894	16.052
12/15/2015	7:30:00	0	56.5955	16.053
12/15/2015	7:45:00	0	56.5959	16.051
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12/15/2015	8:15:00	0	56.5932	16.053
12/15/2015	8:30:00	0	56.5884	16.051
12/15/2015	8:45:00	0	56.5857	16.051
12/15/2015	9:00:00	0	56.5879	16.053
12/15/2015	9:15:00	0	56.5903	16.05
12/15/2015	9:30:00	0	56.5825	16.052
12/15/2015	9:45:00	0	56.5765	16.053
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12/15/2015	11:00:00	0	56.5745	16.051
12/15/2015	11:15:00	0	56.5745	16.054
12/15/2015	11:30:00	0	56.5815	16.053
12/15/2015	11:45:00	0	56.5763	16.056
12/15/2015	12:00:00	0	56.5748	16.054
12/15/2015	12:15:00	0	56.5812	16.052
12/15/2015	12:30:00	0	56.5754	16.053
12/15/2015	12:45:00	0	56.5794	16.055
12/15/2015	13:00:00	0	56.5795	16.052
12/15/2015	13:15:00	0	56.5879	16.052
12/15/2015	13:30:00	0	56.581	16.053
12/15/2015	13:45:00	0	56.6	16.053
12/15/2015	14:00:00	0	56.6064	16.052
12/15/2015	14:15:00	0	56.6075	16.052
12/15/2015	14:30:00	0	56.6153	16.051
12/15/2015	14:45:00	0	56.6191	16.053
12/15/2015	15:00:00	0	56.6204	16.052
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12/15/2015	15:30:00	0	56.6312	16.055
12/15/2015	15:45:00	0	56.6311	16.053
12/15/2015	16:00:00	0	56.636	16.051
12/15/2015	16:15:00	0	56.6434	16.052
12/15/2015	16:30:00	0	56.6456	16.052
12/15/2015	16:45:00	0	56.6506	16.049
12/15/2015	17:00:00	0	56.6536	16.054
12/15/2015	17:15:00	0	56.6562	16.053

12/15/2015	17:30:00	0	56.6503	16.054
12/15/2015	17:45:00	0	56.659	16.053
12/15/2015	18:00:00	0	56.6618	16.052
12/15/2015	18:15:00	0	56.662	16.055
12/15/2015	18:30:00	0	56.6717	16.051
12/15/2015	18:45:00	0	56.6692	16.051
12/15/2015	19:00:00	0	56.6724	16.052
12/15/2015	19:15:00	0	56.6698	16.051
12/15/2015	19:30:00	0	56.6739	16.052
12/15/2015	19:45:00	0	56.6795	16.054
12/15/2015	20:00:00	0	56.6785	16.052
12/15/2015	20:15:00	0	56.6801	16.051
12/15/2015	20:30:00	0	56.6828	16.052
12/15/2015	20:45:00	0	56.6897	16.051
12/15/2015	21:00:00	0	56.6875	16.05
12/15/2015	21:15:00	0	56.6873	16.051
12/15/2015	21:30:00	0	56.694	16.052
12/15/2015	21:45:00	0	56.6889	16.052
12/15/2015	22:00:00	0	56.6929	16.052
12/15/2015	22:15:00	0	56.6922	16.054
12/15/2015	22:30:00	0	56.6956	16.052
12/15/2015	22:45:00	0	56.6933	16.051
12/15/2015	23:00:00	0	56.692	16.051
12/15/2015	23:15:00	0	56.6911	16.051
12/15/2015	23:30:00	0	56.6873	16.051
12/15/2015	23:45:00	0	56.6902	16.052
12/16/2015	0:00:00	0	56.6832	16.055
12/16/2015	0:15:00	0	56.6897	16.051
12/16/2015	0:30:00	0	56.6806	16.052
12/16/2015	0:45:00	0	56.6778	16.051
12/16/2015	1:00:00	0	56.668	16.052
12/16/2015	1:15:00	0	56.6729	16.052
12/16/2015	1:30:00	0	56.667	16.049
12/16/2015	1:45:00	0	56.6702	16.051
12/16/2015	2:00:00	0	56.6682	16.053
12/16/2015	2:15:00	0	56.6638	16.051
12/16/2015	2:30:00	0	56.6642	16.053
12/16/2015	2:45:00	0	56.6604	16.051
12/16/2015	3:00:00	0	56.6609	16.051
12/16/2015	3:15:00	0	56.6604	16.05
12/16/2015	3:30:00	0	56.6595	16.052
12/16/2015	3:45:00	0	56.6602	16.053
12/16/2015	4:00:00	0	56.6676	16.054
12/16/2015	4:15:00	0	56.6609	16.054
12/16/2015	4:30:00	0	56.6654	16.052
12/16/2015	4:45:00	0	56.6697	16.052
12/16/2015	5:00:00	0	56.6738	16.054

12/16/2015	5:15:00	0	56.6661	16.054
12/16/2015	5:30:00	0	56.6677	16.052
12/16/2015	5:45:00	0	56.6741	16.053
12/16/2015	6:00:00	0	56.6672	16.051
12/16/2015	6:15:00	0	56.6781	16.051
12/16/2015	6:30:00	0	56.674	16.052
12/16/2015	6:45:00	0	56.6838	16.054
12/16/2015	7:00:00	0	56.6811	16.05
12/16/2015	7:15:00	0	56.6865	16.052
12/16/2015	7:30:00	0	56.6835	16.049
12/16/2015	7:45:00	0	56.6823	16.053
12/16/2015	8:00:00	0	56.6811	16.052
12/16/2015	8:15:00	0	56.6742	16.052
12/16/2015	8:30:00	0	56.6692	16.052
12/16/2015	8:45:00	0	56.6686	16.053
12/16/2015	9:00:00	0	56.664	16.053
12/16/2015	9:15:00	0	56.6548	16.052
12/16/2015	9:30:00	0	56.6577	16.052
12/16/2015	9:45:00	0	56.6501	16.052
12/16/2015	10:00:00	0	56.6541	16.052
12/16/2015	10:15:00	0	56.6488	16.052
12/16/2015	10:30:00	0	56.644	16.051
12/16/2015	10:45:00	0	56.6456	16.052
12/16/2015	11:00:00	0	56.6411	16.05
12/16/2015	11:15:00	0	56.6336	16.05
12/16/2015	11:30:00	0	56.6367	16.053
12/16/2015	11:45:00	0	56.6372	16.052
12/16/2015	12:00:00	0	56.6374	16.052
12/16/2015	12:15:00	0	56.6427	16.052
12/16/2015	12:30:00	0	56.6415	16.052
12/16/2015	12:45:00	0	56.6399	16.051
12/16/2015	13:00:00	0	56.6381	16.048
12/16/2015	13:15:00	0	56.6386	16.049
12/16/2015	13:30:00	0	56.6397	16.052
12/16/2015	13:45:00	0	56.6386	16.051
12/16/2015	14:00:00	0	56.6404	16.051
12/16/2015	14:15:00	0	56.6381	16.049
12/16/2015	14:30:00	0	56.6259	16.05
12/16/2015	14:45:00	0	56.6363	16.052
12/16/2015	15:00:00	0	56.6433	16.052
12/16/2015	15:15:00	0	56.6413	16.049
12/16/2015	15:30:00	0	56.6477	16.051
12/16/2015	15:45:00	0	56.6481	16.05
12/16/2015	16:00:00	0	56.6437	16.052
12/16/2015	16:15:00	0	56.6473	16.053
12/16/2015	16:30:00	0	56.6467	16.05
12/16/2015	16:45:00	0	56.6409	16.05

12/16/2015	17:00:00	0	56.6425	16.05
12/16/2015	17:15:00	0	56.6434	16.05
12/16/2015	17:30:00	0	56.6402	16.051
12/16/2015	17:45:00	0	56.6429	16.05
12/16/2015	18:00:00	0	56.6446	16.049
12/16/2015	18:15:00	0	56.6375	16.05
12/16/2015	18:30:00	0	56.6448	16.048
12/16/2015	18:45:00	0	56.6449	16.051
12/16/2015	19:00:00	0	56.6496	16.05
12/16/2015	19:15:00	0	56.6443	16.051
12/16/2015	19:30:00	0	56.6401	16.052
12/16/2015	19:45:00	0	56.642	16.052
12/16/2015	20:00:00	0	56.6423	16.051
12/16/2015	20:15:00	0	56.6395	16.051
12/16/2015	20:30:00	0	56.6386	16.051
12/16/2015	20:45:00	0	56.6409	16.051
12/16/2015	21:00:00	0	56.6384	16.049
12/16/2015	21:15:00	0	56.6429	16.05
12/16/2015	21:30:00	0	56.6424	16.05
12/16/2015	21:45:00	0	56.6421	16.048
12/16/2015	22:00:00	0	56.6406	16.048
12/16/2015	22:15:00	0	56.6381	16.052
12/16/2015	22:30:00	0	56.641	16.052
12/16/2015	22:45:00	0	56.641	16.05
12/16/2015	23:00:00	0	56.6354	16.049
12/16/2015	23:15:00	0	56.639	16.049
12/16/2015	23:30:00	0	56.6375	16.051
12/16/2015	23:45:00	0	56.6328	16.052

Serial_number:

1071292

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00	0	33.33	16.6	1755.5
12/10/2015	0:15:00	0	33.33	16.6	1755.5
12/10/2015	0:30:00	0	33.416	16.6	1755.5
12/10/2015	0:45:00	0	33.402	16.6	1753.2
12/10/2015	1:00:00	0	33.418	16.6	1753.2
12/10/2015	1:15:00	0	33.358	16.6	1753.2
12/10/2015	1:30:00	0	33.409	16.6	1753.2
12/10/2015	1:45:00	0	33.367	16.6	1753.2
12/10/2015	2:00:00	0	33.356	16.6	1753.2
12/10/2015	2:15:00	0	33.31	16.6	1753.2
12/10/2015	2:30:00	0	33.359	16.6	1753.2
12/10/2015	2:45:00	0	33.353	16.6	1752
12/10/2015	3:00:00	0	33.379	16.6	1753.2
12/10/2015	3:15:00	0	33.394	16.6	1752
12/10/2015	3:30:00	0	33.419	16.6	1752
12/10/2015	3:45:00	0	33.397	16.6	1752
12/10/2015	4:00:00	0	33.378	16.6	1752
12/10/2015	4:15:00	0	33.41	16.6	1752
12/10/2015	4:30:00	0	33.447	16.6	1752
12/10/2015	4:45:00	0	33.369	16.6	1753.2
12/10/2015	5:00:00	0	33.376	16.6	1753.2
12/10/2015	5:15:00	0	33.338	16.6	1752
12/10/2015	5:30:00	0	33.436	16.6	1753.2
12/10/2015	5:45:00	0	33.367	16.6	1752
12/10/2015	6:00:00	0	33.352	16.6	1752
12/10/2015	6:15:00	0	33.402	16.6	1752
12/10/2015	6:30:00	0	33.39	16.6	1752
12/10/2015	6:45:00	0	33.391	16.6	1752
12/10/2015	7:00:00	0	33.359	16.6	1752
12/10/2015	7:15:00	0	33.396	16.6	1752
12/10/2015	7:30:00	0	33.379	16.6	1752

12/10/2015	7:45:00	0	33.391	16.6	1752
12/10/2015	8:00:00	0	33.332	16.6	1752
12/10/2015	8:15:00	0	33.367	16.6	1752
12/10/2015	8:30:00	0	33.404	16.6	1752
12/10/2015	8:45:00	0	33.31	16.6	1752
12/10/2015	9:00:00	0	33.374	16.6	1752
12/10/2015	9:15:00	0	33.366	16.6	1750.8
12/10/2015	9:30:00	0	33.395	16.6	1750.8
12/10/2015	9:45:00	0	33.44	16.6	1752
12/10/2015	10:00:00	0	33.404	16.6	1752
12/10/2015	10:15:00	0	33.341	16.6	1752
12/10/2015	10:30:00	0	33.379	16.6	1752
12/10/2015	10:45:00	0	33.358	16.6	1750.8
12/10/2015	11:00:00	0	33.337	16.6	1750.8
12/10/2015	11:15:00	0	33.336	16.6	1750.8
12/10/2015	11:30:00	0	33.398	16.6	1750.8
12/10/2015	11:45:00	0	33.264	16.6	1746.2
12/10/2015	12:00:00	0	33.461	16.6	1746.2
12/10/2015	12:15:00	0	33.337	16.6	1747.3
12/10/2015	12:30:00	0	33.301	16.6	1747.3
12/10/2015	12:45:00	0	33.28	16.6	1749.7
12/10/2015	13:00:00	0	33.264	16.6	1747.3
12/10/2015	13:15:00	0	33.35	16.6	1747.3
12/10/2015	13:30:00	0	33.371	16.6	1747.3
12/10/2015	13:45:00	0	33.339	16.6	1747.3
12/10/2015	14:00:00	0	33.345	16.6	1747.3
12/10/2015	14:15:00	0	33.363	16.6	1749.7
12/10/2015	14:30:00	0	33.398	16.6	1749.7
12/10/2015	14:45:00	0	33.356	16.6	1749.7
12/10/2015	15:00:00	0	33.38	16.6	1747.3
12/10/2015	15:15:00	0	33.363	16.6	1747.3
12/10/2015	15:30:00	0	33.379	16.6	1747.3
12/10/2015	15:45:00	0	33.36	16.6	1747.3
12/10/2015	16:00:00	0	33.44	16.6	1747.3
12/10/2015	16:15:00	0	33.386	16.6	1747.3
12/10/2015	16:30:00	0	33.303	16.6	1747.3
12/10/2015	16:45:00	0	33.42	16.6	1746.2
12/10/2015	17:00:00	0	33.43	16.6	1746.2
12/10/2015	17:15:00	0	33.359	16.6	1746.2
12/10/2015	17:30:00	0	33.366	16.6	1746.2
12/10/2015	17:45:00	0	33.41	16.6	1746.2
12/10/2015	18:00:00	0	33.355	16.6	1746.2
12/10/2015	18:15:00	0	33.375	16.6	1746.2
12/10/2015	18:30:00	0	33.4	16.6	1746.2
12/10/2015	18:45:00	0	33.399	16.6	1746.2
12/10/2015	19:00:00	0	33.365	16.6	1746.2
12/10/2015	19:15:00	0	33.409	16.6	1746.2

12/10/2015	19:30:00	0	33.42	16.6	1745
12/10/2015	19:45:00	0	33.392	16.6	1746.2
12/10/2015	20:00:00	0	33.35	16.6	1745
12/10/2015	20:15:00	0	33.375	16.6	1746.2
12/10/2015	20:30:00	0	33.371	16.6	1745
12/10/2015	20:45:00	0	33.359	16.6	1745
12/10/2015	21:00:00	0	33.401	16.6	1745
12/10/2015	21:15:00	0	33.443	16.6	1745
12/10/2015	21:30:00	0	33.33	16.6	1745
12/10/2015	21:45:00	0	33.377	16.6	1745
12/10/2015	22:00:00	0	33.309	16.6	1745
12/10/2015	22:15:00	0	33.374	16.6	1743.8
12/10/2015	22:30:00	0	33.338	16.6	1743.8
12/10/2015	22:45:00	0	33.379	16.6	1741.5
12/10/2015	23:00:00	0	33.404	16.6	1741.5
12/10/2015	23:15:00	0	33.409	16.6	1741.5
12/10/2015	23:30:00	0	33.401	16.6	1740.3
12/10/2015	23:45:00	0	33.397	16.6	1740.3
12/11/2015	0:00:00	0	33.418	16.6	1740.3
12/11/2015	0:15:00	0	33.371	16.6	1740.3
12/11/2015	0:30:00	0	33.448	16.6	1740.3
12/11/2015	0:45:00	0	33.352	16.6	1740.3
12/11/2015	1:00:00	0	33.391	16.6	1740.3
12/11/2015	1:15:00	0	33.401	16.6	1740.3
12/11/2015	1:30:00	0	33.376	16.6	1740.3
12/11/2015	1:45:00	0	33.401	16.6	1740.3
12/11/2015	2:00:00	0	33.439	16.6	1740.3
12/11/2015	2:15:00	0	33.42	16.6	1740.3
12/11/2015	2:30:00	0	33.387	16.6	1740.3
12/11/2015	2:45:00	0	33.377	16.6	1739.2
12/11/2015	3:00:00	0	33.403	16.6	1739.2
12/11/2015	3:15:00	0	33.39	16.6	1736.8
12/11/2015	3:30:00	0	33.45	16.6	1736.8
12/11/2015	3:45:00	0	33.378	16.6	1739.2
12/11/2015	4:00:00	0	33.419	16.6	1740.3
12/11/2015	4:15:00	0	33.442	16.6	1739.2
12/11/2015	4:30:00	0	33.387	16.6	1739.2
12/11/2015	4:45:00	0	33.331	16.6	1739.2
12/11/2015	5:00:00	0	33.458	16.6	1739.2
12/11/2015	5:15:00	0	33.384	16.6	1740.3
12/11/2015	5:30:00	0	33.421	16.6	1740.3
12/11/2015	5:45:00	0	33.339	16.6	1740.3
12/11/2015	6:00:00	0	33.409	16.6	1740.3
12/11/2015	6:15:00	0	33.386	16.6	1740.3
12/11/2015	6:30:00	0	33.388	16.6	1740.3
12/11/2015	6:45:00	0	33.357	16.6	1739.2
12/11/2015	7:00:00	0	33.351	16.6	1739.2

12/11/2015	7:15:00	0	33.409	16.6	1741.5
12/11/2015	7:30:00	0	33.386	16.6	1741.5
12/11/2015	7:45:00	0	33.346	16.6	1741.5
12/11/2015	8:00:00	0	33.398	16.6	1741.5
12/11/2015	8:15:00	0	33.348	16.6	1743.8
12/11/2015	8:30:00	0	33.413	16.6	1743.8
12/11/2015	8:45:00	0	33.41	16.6	1741.5
12/11/2015	9:00:00	0	33.35	16.6	1743.8
12/11/2015	9:15:00	0	33.342	16.6	1743.8
12/11/2015	9:30:00	0	33.373	16.6	1743.8
12/11/2015	9:45:00	0	33.412	16.6	1743.8
12/11/2015	10:00:00	0	33.444	16.6	1743.8
12/11/2015	10:15:00	0	33.353	16.6	1743.8
12/11/2015	10:30:00	0	33.386	16.6	1743.8
12/11/2015	10:45:00	0	33.342	16.6	1743.8
12/11/2015	11:00:00	0	33.38	16.6	1743.8
12/11/2015	11:15:00	0	33.36	16.6	1743.8
12/11/2015	11:30:00	0	33.419	16.6	1743.8
12/11/2015	11:45:00	0	33.364	16.6	1743.8
12/11/2015	12:00:00	0	33.382	16.6	1743.8
12/11/2015	12:15:00	0	33.39	16.6	1743.8
12/11/2015	12:30:00	0	33.372	16.6	1743.8
12/11/2015	12:45:00	0	33.316	16.6	1743.8
12/11/2015	13:00:00	0	33.374	16.6	1743.8
12/11/2015	13:15:00	0	33.379	16.6	1743.8
12/11/2015	13:30:00	0	33.398	16.6	1743.8
12/11/2015	13:45:00	0	33.36	16.6	1743.8
12/11/2015	14:00:00	0	33.36	16.6	1743.8
12/11/2015	14:15:00	0	33.417	16.6	1743.8
12/11/2015	14:30:00	0	33.421	16.6	1741.5
12/11/2015	14:45:00	0	33.441	16.6	1741.5
12/11/2015	15:00:00	0	33.36	16.6	1743.8
12/11/2015	15:15:00	0	33.353	16.6	1741.5
12/11/2015	15:30:00	0	33.392	16.6	1743.8
12/11/2015	15:45:00	0	33.35	16.6	1741.5
12/11/2015	16:00:00	0	33.402	16.6	1741.5
12/11/2015	16:15:00	0	33.321	16.6	1741.5
12/11/2015	16:30:00	0	33.371	16.6	1741.5
12/11/2015	16:45:00	0	33.343	16.6	1741.5
12/11/2015	17:00:00	0	33.379	16.6	1741.5
12/11/2015	17:15:00	0	33.374	16.6	1741.5
12/11/2015	17:30:00	0	33.392	16.6	1741.5
12/11/2015	17:45:00	0	33.41	16.6	1741.5
12/11/2015	18:00:00	0	33.403	16.6	1741.5
12/11/2015	18:15:00	0	33.353	16.6	1741.5
12/11/2015	18:30:00	0	33.33	16.6	1741.5
12/11/2015	18:45:00	0	33.367	16.6	1741.5

12/11/2015	19:00:00	0	33.405	16.6	1740.3
12/11/2015	19:15:00	0	33.383	16.6	1741.5
12/11/2015	19:30:00	0	33.441	16.6	1741.5
12/11/2015	19:45:00	0	33.358	16.6	1741.5
12/11/2015	20:00:00	0	33.41	16.6	1741.5
12/11/2015	20:15:00	0	33.362	16.6	1741.5
12/11/2015	20:30:00	0	33.383	16.6	1741.5
12/11/2015	20:45:00	0	33.366	16.6	1741.5
12/11/2015	21:00:00	0	33.381	16.6	1741.5
12/11/2015	21:15:00	0	33.359	16.6	1741.5
12/11/2015	21:30:00	0	33.353	16.6	1741.5
12/11/2015	21:45:00	0	33.33	16.6	1741.5
12/11/2015	22:00:00	0	33.406	16.6	1741.5
12/11/2015	22:15:00	0	33.346	16.6	1741.5
12/11/2015	22:30:00	0	33.358	16.6	1741.5
12/11/2015	22:45:00	0	33.378	16.6	1741.5
12/11/2015	23:00:00	0	33.395	16.6	1741.5
12/11/2015	23:15:00	0	33.377	16.6	1741.5
12/11/2015	23:30:00	0	33.35	16.6	1741.5
12/11/2015	23:45:00	0	33.368	16.6	1741.5
12/12/2015	0:00:00	0	33.373	16.6	1741.5
12/12/2015	0:15:00	0	33.431	16.6	1741.5
12/12/2015	0:30:00	0	33.431	16.6	1741.5
12/12/2015	0:45:00	0	33.408	16.6	1741.5
12/12/2015	1:00:00	0	33.387	16.6	1741.5
12/12/2015	1:15:00	0	33.398	16.6	1743.8
12/12/2015	1:30:00	0	33.312	16.6	1741.5
12/12/2015	1:45:00	0	33.364	16.6	1743.8
12/12/2015	2:00:00	0	33.359	16.6	1743.8
12/12/2015	2:15:00	0	33.378	16.6	1743.8
12/12/2015	2:30:00	0	33.416	16.6	1743.8
12/12/2015	2:45:00	0	33.397	16.6	1743.8
12/12/2015	3:00:00	0	33.356	16.6	1743.8
12/12/2015	3:15:00	0	33.437	16.6	1743.8
12/12/2015	3:30:00	0	33.358	16.6	1745
12/12/2015	3:45:00	0	33.306	16.6	1745
12/12/2015	4:00:00	0	33.386	16.6	1745
12/12/2015	4:15:00	0	33.428	16.6	1745
12/12/2015	4:30:00	0	33.418	16.6	1745
12/12/2015	4:45:00	0	33.354	16.6	1745
12/12/2015	5:00:00	0	33.388	16.6	1745
12/12/2015	5:15:00	0	33.421	16.6	1745
12/12/2015	5:30:00	0	33.348	16.6	1745
12/12/2015	5:45:00	0	33.406	16.6	1745
12/12/2015	6:00:00	0	33.421	16.6	1743.8
12/12/2015	6:15:00	0	33.38	16.6	1745
12/12/2015	6:30:00	0	33.409	16.6	1745

12/12/2015	6:45:00	0	33.382	16.6	1745
12/12/2015	7:00:00	0	33.376	16.6	1743.8
12/12/2015	7:15:00	0	33.371	16.6	1743.8
12/12/2015	7:30:00	0	33.39	16.6	1743.8
12/12/2015	7:45:00	0	33.367	16.6	1745
12/12/2015	8:00:00	0	33.379	16.6	1745
12/12/2015	8:15:00	0	33.357	16.6	1743.8
12/12/2015	8:30:00	0	33.398	16.6	1745
12/12/2015	8:45:00	0	33.388	16.6	1743.8
12/12/2015	9:00:00	0	33.36	16.6	1743.8
12/12/2015	9:15:00	0	33.352	16.6	1743.8
12/12/2015	9:30:00	0	33.349	16.6	1745
12/12/2015	9:45:00	0	33.368	16.6	1743.8
12/12/2015	10:00:00	0	33.418	16.6	1745
12/12/2015	10:15:00	0	33.389	16.6	1745
12/12/2015	10:30:00	0	33.347	16.6	1745
12/12/2015	10:45:00	0	33.364	16.6	1743.8
12/12/2015	11:00:00	0	33.368	16.6	1743.8
12/12/2015	11:15:00	0	33.355	16.6	1746.2
12/12/2015	11:30:00	0	33.381	16.6	1746.2
12/12/2015	11:45:00	0	33.377	16.6	1745
12/12/2015	12:00:00	0	33.354	16.6	1746.2
12/12/2015	12:15:00	0	33.437	16.6	1746.2
12/12/2015	12:30:00	0	33.398	16.6	1746.2
12/12/2015	12:45:00	0	33.373	16.6	1746.2
12/12/2015	13:00:00	0	33.378	16.6	1746.2
12/12/2015	13:15:00	0	33.407	16.6	1746.2
12/12/2015	13:30:00	0	33.36	16.6	1746.2
12/12/2015	13:45:00	0	33.373	16.6	1746.2
12/12/2015	14:00:00	0	33.363	16.6	1746.2
12/12/2015	14:15:00	0	33.336	16.6	1747.3
12/12/2015	14:30:00	0	33.35	16.6	1746.2
12/12/2015	14:45:00	0	33.351	16.6	1746.2
12/12/2015	15:00:00	0	33.413	16.6	1746.2
12/12/2015	15:15:00	0	33.392	16.6	1746.2
12/12/2015	15:30:00	0	33.367	16.6	1746.2
12/12/2015	15:45:00	0	33.385	16.6	1746.2
12/12/2015	16:00:00	0	33.36	16.6	1746.2
12/12/2015	16:15:00	0	33.398	16.6	1745
12/12/2015	16:30:00	0	33.397	16.6	1745
12/12/2015	16:45:00	0	33.353	16.6	1743.8
12/12/2015	17:00:00	0	33.393	16.6	1743.8
12/12/2015	17:15:00	0	33.375	16.6	1743.8
12/12/2015	17:30:00	0	33.375	16.6	1745
12/12/2015	17:45:00	0	33.331	16.6	1743.8
12/12/2015	18:00:00	0	33.325	16.6	1745
12/12/2015	18:15:00	0	33.36	16.6	1745

12/12/2015	18:30:00	0	33.396	16.6	1745
12/12/2015	18:45:00	0	33.356	16.6	1745
12/12/2015	19:00:00	0	33.357	16.6	1743.8
12/12/2015	19:15:00	0	33.357	16.6	1743.8
12/12/2015	19:30:00	0	33.396	16.6	1745
12/12/2015	19:45:00	0	33.395	16.6	1743.8
12/12/2015	20:00:00	0	33.407	16.6	1745
12/12/2015	20:15:00	0	33.349	16.6	1745
12/12/2015	20:30:00	0	33.348	16.6	1743.8
12/12/2015	20:45:00	0	33.347	16.6	1743.8
12/12/2015	21:00:00	0	33.409	16.6	1745
12/12/2015	21:15:00	0	33.388	16.6	1743.8
12/12/2015	21:30:00	0	33.39	16.6	1743.8
12/12/2015	21:45:00	0	33.391	16.6	1743.8
12/12/2015	22:00:00	0	33.369	16.6	1743.8
12/12/2015	22:15:00	0	33.387	16.6	1743.8
12/12/2015	22:30:00	0	33.366	16.6	1743.8
12/12/2015	22:45:00	0	33.327	16.6	1743.8
12/12/2015	23:00:00	0	33.409	16.6	1743.8
12/12/2015	23:15:00	0	33.372	16.6	1743.8
12/12/2015	23:30:00	0	33.429	16.6	1743.8
12/12/2015	23:45:00	0	33.412	16.6	1743.8
12/13/2015	0:00:00	0	33.415	16.6	1743.8
12/13/2015	0:15:00	0	33.42	16.6	1743.8
12/13/2015	0:30:00	0	33.4	16.6	1743.8
12/13/2015	0:45:00	0	33.44	16.6	1743.8
12/13/2015	1:00:00	0	33.405	16.6	1743.8
12/13/2015	1:15:00	0	33.384	16.6	1743.8
12/13/2015	1:30:00	0	33.388	16.6	1741.5
12/13/2015	1:45:00	0	33.432	16.6	1741.5
12/13/2015	2:00:00	0	33.399	16.6	1743.8
12/13/2015	2:15:00	0	33.398	16.6	1743.8
12/13/2015	2:30:00	0	33.373	16.6	1743.8
12/13/2015	2:45:00	0	33.344	16.6	1743.8
12/13/2015	3:00:00	0	33.411	16.6	1743.8
12/13/2015	3:15:00	0	33.434	16.6	1741.5
12/13/2015	3:30:00	0	33.408	16.6	1743.8
12/13/2015	3:45:00	0	33.358	16.6	1741.5
12/13/2015	4:00:00	0	33.424	16.6	1740.3
12/13/2015	4:15:00	0	33.478	16.6	1740.3
12/13/2015	4:30:00	0	33.423	16.6	1740.3
12/13/2015	4:45:00	0	33.408	16.6	1740.3
12/13/2015	5:00:00	0	33.447	16.6	1739.2
12/13/2015	5:15:00	0	33.419	16.6	1740.3
12/13/2015	5:30:00	0	33.399	16.6	1740.3
12/13/2015	5:45:00	0	33.403	16.6	1739.2
12/13/2015	6:00:00	0	33.394	16.6	1740.3

12/13/2015	6:15:00	0	33.405	16.6	1740.3
12/13/2015	6:30:00	0	33.356	16.6	1740.3
12/13/2015	6:45:00	0	33.401	16.6	1740.3
12/13/2015	7:00:00	0	33.397	16.6	1739.2
12/13/2015	7:15:00	0	33.417	16.6	1740.3
12/13/2015	7:30:00	0	33.429	16.6	1740.3
12/13/2015	7:45:00	0	33.421	16.6	1739.2
12/13/2015	8:00:00	0	33.384	16.6	1739.2
12/13/2015	8:15:00	0	33.446	16.6	1739.2
12/13/2015	8:30:00	0	33.4	16.6	1736.8
12/13/2015	8:45:00	0	33.454	16.6	1739.2
12/13/2015	9:00:00	0	33.443	16.6	1739.2
12/13/2015	9:15:00	0	33.351	16.6	1736.8
12/13/2015	9:30:00	0	33.406	16.6	1736.8
12/13/2015	9:45:00	0	33.446	16.6	1735.6
12/13/2015	10:00:00	0	33.429	16.6	1735.6
12/13/2015	10:15:00	0	33.384	16.6	1735.6
12/13/2015	10:30:00	0	33.465	16.6	1735.6
12/13/2015	10:45:00	0	33.433	16.6	1735.6
12/13/2015	11:00:00	0	33.393	16.6	1735.6
12/13/2015	11:15:00	0	33.34	16.6	1736.8
12/13/2015	11:30:00	0	33.346	16.6	1736.8
12/13/2015	11:45:00	0	33.386	16.6	1736.8
12/13/2015	12:00:00	0	33.447	16.6	1739.2
12/13/2015	12:15:00	0	33.362	16.6	1736.8
12/13/2015	12:30:00	0	33.373	16.6	1739.2
12/13/2015	12:45:00	0	33.349	16.6	1739.2
12/13/2015	13:00:00	0	33.412	16.6	1739.2
12/13/2015	13:15:00	0	33.389	16.6	1736.8
12/13/2015	13:30:00	0	33.387	16.6	1739.2
12/13/2015	13:45:00	0	33.402	16.6	1736.8
12/13/2015	14:00:00	0	33.42	16.6	1736.8
12/13/2015	14:15:00	0	33.381	16.6	1739.2
12/13/2015	14:30:00	0	33.36	16.6	1739.2
12/13/2015	14:45:00	0	33.375	16.6	1736.8
12/13/2015	15:00:00	0	33.379	16.6	1736.8
12/13/2015	15:15:00	0	33.416	16.6	1736.8
12/13/2015	15:30:00	0	33.373	16.6	1736.8
12/13/2015	15:45:00	0	33.392	16.6	1739.2
12/13/2015	16:00:00	0	33.353	16.6	1736.8
12/13/2015	16:15:00	0	33.431	16.6	1736.8
12/13/2015	16:30:00	0	33.338	16.6	1736.8
12/13/2015	16:45:00	0	33.398	16.6	1736.8
12/13/2015	17:00:00	0	33.424	16.6	1736.8
12/13/2015	17:15:00	0	33.349	16.6	1736.8
12/13/2015	17:30:00	0	33.401	16.6	1739.2
12/13/2015	17:45:00	0	33.382	16.6	1736.8

12/13/2015	18:00:00	0	33.395	16.6	1739.2
12/13/2015	18:15:00	0	33.388	16.6	1736.8
12/13/2015	18:30:00	0	33.384	16.6	1736.8
12/13/2015	18:45:00	0	33.361	16.6	1736.8
12/13/2015	19:00:00	0	33.383	16.6	1736.8
12/13/2015	19:15:00	0	33.42	16.6	1736.8
12/13/2015	19:30:00	0	33.393	16.6	1736.8
12/13/2015	19:45:00	0	33.357	16.6	1736.8
12/13/2015	20:00:00	0	33.416	16.6	1736.8
12/13/2015	20:15:00	0	33.374	16.6	1736.8
12/13/2015	20:30:00	0	33.389	16.6	1735.6
12/13/2015	20:45:00	0	33.407	16.6	1735.6
12/13/2015	21:00:00	0	33.344	16.6	1735.6
12/13/2015	21:15:00	0	33.403	16.6	1735.6
12/13/2015	21:30:00	0	33.369	16.6	1735.6
12/13/2015	21:45:00	0	33.347	16.6	1735.6
12/13/2015	22:00:00	0	33.409	16.6	1735.6
12/13/2015	22:15:00	0	33.389	16.6	1735.6
12/13/2015	22:30:00	0	33.42	16.6	1735.6
12/13/2015	22:45:00	0	33.363	16.6	1735.6
12/13/2015	23:00:00	0	33.391	16.6	1735.6
12/13/2015	23:15:00	0	33.414	16.6	1735.6
12/13/2015	23:30:00	0	33.371	16.6	1735.6
12/13/2015	23:45:00	0	33.432	16.6	1735.6
12/14/2015	0:00:00	0	33.393	16.6	1735.6
12/14/2015	0:15:00	0	33.359	16.6	1735.6
12/14/2015	0:30:00	0	33.438	16.6	1735.6
12/14/2015	0:45:00	0	33.393	16.6	1735.6
12/14/2015	1:00:00	0	33.43	16.6	1735.6
12/14/2015	1:15:00	0	33.386	16.6	1735.6
12/14/2015	1:30:00	0	33.385	16.6	1735.6
12/14/2015	1:45:00	0	33.42	16.6	1735.6
12/14/2015	2:00:00	0	33.399	16.6	1735.6
12/14/2015	2:15:00	0	33.39	16.6	1735.6
12/14/2015	2:30:00	0	33.368	16.6	1734.5
12/14/2015	2:45:00	0	33.392	16.6	1734.5
12/14/2015	3:00:00	0	33.376	16.6	1734.5
12/14/2015	3:15:00	0	33.396	16.6	1734.5
12/14/2015	3:30:00	0	33.417	16.6	1733.3
12/14/2015	3:45:00	0	33.379	16.6	1733.3
12/14/2015	4:00:00	0	33.423	16.6	1733.3
12/14/2015	4:15:00	0	33.361	16.6	1733.3
12/14/2015	4:30:00	0	33.4	16.6	1733.3
12/14/2015	4:45:00	0	33.46	16.6	1733.3
12/14/2015	5:00:00	0	33.401	16.6	1733.3
12/14/2015	5:15:00	0	33.358	16.6	1733.3
12/14/2015	5:30:00	0	33.375	16.6	1733.3

12/14/2015	5:45:00	0	33.35	16.6	1733.3
12/14/2015	6:00:00	0	33.41	16.6	1733.3
12/14/2015	6:15:00	0	33.371	16.6	1733.3
12/14/2015	6:30:00	0	33.426	16.6	1733.3
12/14/2015	6:45:00	0	33.383	16.6	1733.3
12/14/2015	7:00:00	0	33.438	16.6	1733.3
12/14/2015	7:15:00	0	33.415	16.6	1733.3
12/14/2015	7:30:00	0	33.472	16.6	1733.3
12/14/2015	7:45:00	0	33.431	16.6	1733.3
12/14/2015	8:00:00	0	33.41	16.6	1733.3
12/14/2015	8:15:00	0	33.42	16.6	1733.3
12/14/2015	8:30:00	0	33.394	16.6	1733.3
12/14/2015	8:45:00	0	33.405	16.6	1733.3
12/14/2015	9:00:00	0	33.395	16.6	1733.3
12/14/2015	9:15:00	0	33.393	16.6	1733.3
12/14/2015	9:30:00	0	33.399	16.6	1733.3
12/14/2015	9:45:00	0	33.374	16.6	1733.3
12/14/2015	10:00:00	0	33.373	16.6	1733.3
12/14/2015	10:15:00	0	33.354	16.6	1733.3
12/14/2015	10:30:00	0	33.333	16.6	1733.3
12/14/2015	10:45:00	0	33.37	16.6	1733.3
12/14/2015	11:00:00	0	33.395	16.6	1734.5
12/14/2015	11:15:00	0	33.378	16.6	1733.3
12/14/2015	11:30:00	0	33.441	16.6	1733.3
12/14/2015	11:45:00	0	33.366	16.6	1733.3
12/14/2015	12:00:00	0	33.455	16.6	1733.3
12/14/2015	12:15:00	0	33.362	16.6	1733.3
12/14/2015	12:30:00	0	33.408	16.6	1733.3
12/14/2015	12:45:00	0	33.427	16.6	1733.3
12/14/2015	13:00:00	0	33.41	16.6	1734.5
12/14/2015	13:15:00	0	33.39	16.6	1733.3
12/14/2015	13:30:00	0	33.393	16.6	1734.5
12/14/2015	13:45:00	0	33.452	16.6	1734.5
12/14/2015	14:00:00	0	33.348	16.6	1733.3
12/14/2015	14:15:00	0	33.35	16.6	1733.3
12/14/2015	14:30:00	0	33.31	16.6	1733.3
12/14/2015	14:45:00	0	33.371	16.6	1733.3
12/14/2015	15:00:00	0	33.447	16.6	1733.3
12/14/2015	15:15:00	0	33.394	16.6	1733.3
12/14/2015	15:30:00	0	33.356	16.6	1733.3
12/14/2015	15:45:00	0	33.32	16.6	1731
12/14/2015	16:00:00	0	33.356	16.6	1731
12/14/2015	16:15:00	0	33.414	16.6	1729.8
12/14/2015	16:30:00	0	33.384	16.6	1728.6
12/14/2015	16:45:00	0	33.389	16.6	1728.6
12/14/2015	17:00:00	0	33.41	16.6	1727.5
12/14/2015	17:15:00	0	33.394	16.6	1727.5

12/14/2015	17:30:00	0	33.412	16.6	1727.5
12/14/2015	17:45:00	0	33.412	16.6	1727.5
12/14/2015	18:00:00	0	33.409	16.6	1727.5
12/14/2015	18:15:00	0	33.367	16.6	1727.5
12/14/2015	18:30:00	0	33.423	16.6	1727.5
12/14/2015	18:45:00	0	33.363	16.6	1727.5
12/14/2015	19:00:00	0	33.401	16.6	1727.5
12/14/2015	19:15:00	0	33.395	16.6	1727.5
12/14/2015	19:30:00	0	33.429	16.6	1727.5
12/14/2015	19:45:00	0	33.432	16.6	1727.5
12/14/2015	20:00:00	0	33.376	16.6	1728.6
12/14/2015	20:15:00	0	33.358	16.6	1728.6
12/14/2015	20:30:00	0	33.44	16.6	1727.5
12/14/2015	20:45:00	0	33.403	16.6	1728.6
12/14/2015	21:00:00	0	33.45	16.6	1727.5
12/14/2015	21:15:00	0	33.417	16.6	1728.6
12/14/2015	21:30:00	0	33.434	16.6	1728.6
12/14/2015	21:45:00	0	33.391	16.6	1728.6
12/14/2015	22:00:00	0	33.411	16.6	1728.6
12/14/2015	22:15:00	0	33.415	16.6	1728.6
12/14/2015	22:30:00	0	33.458	16.6	1727.5
12/14/2015	22:45:00	0	33.418	16.6	1727.5
12/14/2015	23:00:00	0	33.376	16.6	1727.5
12/14/2015	23:15:00	0	33.343	16.6	1725.1
12/14/2015	23:30:00	0	33.406	16.6	1725.1
12/14/2015	23:45:00	0	33.37	16.6	1724
12/15/2015	0:00:00	0	33.431	16.6	1722.8
12/15/2015	0:15:00	0	33.377	16.6	1722.8
12/15/2015	0:30:00	0	33.401	16.6	1721.6
12/15/2015	0:45:00	0	33.349	16.6	1722.8
12/15/2015	1:00:00	0	33.445	16.6	1721.6
12/15/2015	1:15:00	0	33.447	16.6	1721.6
12/15/2015	1:30:00	0	33.426	16.6	1721.6
12/15/2015	1:45:00	0	33.445	16.6	1721.6
12/15/2015	2:00:00	0	33.425	16.6	1722.8
12/15/2015	2:15:00	0	33.441	16.6	1722.8
12/15/2015	2:30:00	0	33.421	16.6	1722.8
12/15/2015	2:45:00	0	33.477	16.6	1722.8
12/15/2015	3:00:00	0	33.397	16.6	1722.8
12/15/2015	3:15:00	0	33.371	16.6	1722.8
12/15/2015	3:30:00	0	33.364	16.6	1722.8
12/15/2015	3:45:00	0	33.383	16.6	1724
12/15/2015	4:00:00	0	33.461	16.6	1722.8
12/15/2015	4:15:00	0	33.439	16.6	1722.8
12/15/2015	4:30:00	0	33.417	16.6	1724
12/15/2015	4:45:00	0	33.395	16.6	1724
12/15/2015	5:00:00	0	33.414	16.6	1724

12/15/2015	5:15:00	0	33.391	16.6	1724
12/15/2015	5:30:00	0	33.41	16.6	1724
12/15/2015	5:45:00	0	33.409	16.6	1725.1
12/15/2015	6:00:00	0	33.388	16.6	1725.1
12/15/2015	6:15:00	0	33.423	16.6	1725.1
12/15/2015	6:30:00	0	33.437	16.6	1725.1
12/15/2015	6:45:00	0	33.396	16.6	1725.1
12/15/2015	7:00:00	0	33.396	16.6	1725.1
12/15/2015	7:15:00	0	33.389	16.6	1725.1
12/15/2015	7:30:00	0	33.384	16.6	1724
12/15/2015	7:45:00	0	33.439	16.6	1724
12/15/2015	8:00:00	0	33.398	16.6	1724
12/15/2015	8:15:00	0	33.388	16.6	1724
12/15/2015	8:30:00	0	33.44	16.6	1722.8
12/15/2015	8:45:00	0	33.375	16.6	1722.8
12/15/2015	9:00:00	0	33.431	16.6	1721.6
12/15/2015	9:15:00	0	33.407	16.6	1721.6
12/15/2015	9:30:00	0	33.363	16.6	1721.6
12/15/2015	9:45:00	0	33.355	16.6	1722.8
12/15/2015	10:00:00	0	33.37	16.6	1721.6
12/15/2015	10:15:00	0	33.408	16.6	1721.6
12/15/2015	10:30:00	0	33.404	16.6	1721.6
12/15/2015	10:45:00	0	33.39	16.6	1721.6
12/15/2015	11:00:00	0	33.391	16.6	1721.6
12/15/2015	11:15:00	0	33.394	16.6	1721.6
12/15/2015	11:30:00	0	33.421	16.6	1722.8
12/15/2015	11:45:00	0	33.431	16.6	1721.6
12/15/2015	12:00:00	0	33.375	16.6	1722.8
12/15/2015	12:15:00	0	33.395	16.6	1721.6
12/15/2015	12:30:00	0	33.421	16.6	1721.6
12/15/2015	12:45:00	0	33.382	16.6	1721.6
12/15/2015	13:00:00	0	33.422	16.6	1721.6
12/15/2015	13:15:00	0	33.371	16.6	1721.6
12/15/2015	13:30:00	0	33.332	16.6	1721.6
12/15/2015	13:45:00	0	33.431	16.6	1721.6
12/15/2015	14:00:00	0	33.38	16.6	1721.6
12/15/2015	14:15:00	0	33.379	16.6	1721.6
12/15/2015	14:30:00	0	33.361	16.6	1722.8
12/15/2015	14:45:00	0	33.343	16.6	1721.6
12/15/2015	15:00:00	0	33.381	16.6	1722.8
12/15/2015	15:15:00	0	33.362	16.6	1722.8
12/15/2015	15:30:00	0	33.416	16.6	1721.6
12/15/2015	15:45:00	0	33.353	16.6	1722.8
12/15/2015	16:00:00	0	33.393	16.6	1721.6
12/15/2015	16:15:00	0	33.374	16.6	1721.6
12/15/2015	16:30:00	0	33.393	16.6	1721.6
12/15/2015	16:45:00	0	33.352	16.6	1719.3

12/15/2015	17:00:00	0	33.346	16.6	1719.3
12/15/2015	17:15:00	0	33.398	16.6	1719.3
12/15/2015	17:30:00	0	33.392	16.6	1718.1
12/15/2015	17:45:00	0	33.389	16.6	1718.1
12/15/2015	18:00:00	0	33.404	16.6	1719.3
12/15/2015	18:15:00	0	33.418	16.6	1719.3
12/15/2015	18:30:00	0	33.376	16.6	1719.3
12/15/2015	18:45:00	0	33.397	16.6	1719.3
12/15/2015	19:00:00	0	33.434	16.6	1719.3
12/15/2015	19:15:00	0	33.411	16.6	1719.3
12/15/2015	19:30:00	0	33.393	16.6	1719.3
12/15/2015	19:45:00	0	33.396	16.6	1719.3
12/15/2015	20:00:00	0	33.409	16.6	1718.1
12/15/2015	20:15:00	0	33.504	16.6	1718.1
12/15/2015	20:30:00	0	33.422	16.6	1718.1
12/15/2015	20:45:00	0	33.418	16.6	1719.3
12/15/2015	21:00:00	0	33.417	16.6	1718.1
12/15/2015	21:15:00	0	33.417	16.6	1718.1
12/15/2015	21:30:00	0	33.398	16.6	1718.1
12/15/2015	21:45:00	0	33.431	16.6	1718.1
12/15/2015	22:00:00	0	33.431	16.6	1718.1
12/15/2015	22:15:00	0	33.41	16.6	1719.3
12/15/2015	22:30:00	0	33.425	16.6	1719.3
12/15/2015	22:45:00	0	33.387	16.6	1719.3
12/15/2015	23:00:00	0	33.427	16.6	1719.3
12/15/2015	23:15:00	0	33.446	16.6	1719.3
12/15/2015	23:30:00	0	33.404	16.6	1719.3
12/15/2015	23:45:00	0	33.446	16.6	1719.3
12/16/2015	0:00:00	0	33.425	16.6	1721.6
12/16/2015	0:15:00	0	33.428	16.6	1719.3
12/16/2015	0:30:00	0	33.472	16.6	1719.3
12/16/2015	0:45:00	0	33.416	16.6	1719.3
12/16/2015	1:00:00	0	33.415	16.6	1719.3
12/16/2015	1:15:00	0	33.498	16.6	1719.3
12/16/2015	1:30:00	0	33.433	16.6	1719.3
12/16/2015	1:45:00	0	33.395	16.6	1719.3
12/16/2015	2:00:00	0	33.413	16.6	1719.3
12/16/2015	2:15:00	0	33.405	16.6	1719.3
12/16/2015	2:30:00	0	33.46	16.6	1719.3
12/16/2015	2:45:00	0	33.439	16.6	1719.3
12/16/2015	3:00:00	0	33.419	16.6	1719.3
12/16/2015	3:15:00	0	33.416	16.6	1719.3
12/16/2015	3:30:00	0	33.418	16.6	1719.3
12/16/2015	3:45:00	0	33.417	16.6	1719.3
12/16/2015	4:00:00	0	33.423	16.6	1719.3
12/16/2015	4:15:00	0	33.419	16.6	1721.6
12/16/2015	4:30:00	0	33.465	16.6	1719.3

12/16/2015	4:45:00	0	33.41	16.6	1719.3
12/16/2015	5:00:00	0	33.41	16.6	1721.6
12/16/2015	5:15:00	0	33.427	16.6	1719.3
12/16/2015	5:30:00	0	33.419	16.6	1719.3
12/16/2015	5:45:00	0	33.422	16.6	1721.6
12/16/2015	6:00:00	0	33.442	16.6	1721.6
12/16/2015	6:15:00	0	33.387	16.6	1719.3
12/16/2015	6:30:00	0	33.405	16.6	1719.3
12/16/2015	6:45:00	0	33.449	16.6	1719.3
12/16/2015	7:00:00	0	33.45	16.6	1718.1
12/16/2015	7:15:00	0	33.424	16.6	1718.1
12/16/2015	7:30:00	0	33.414	16.6	1717
12/16/2015	7:45:00	0	33.449	16.6	1718.1
12/16/2015	8:00:00	0	33.402	16.6	1718.1
12/16/2015	8:15:00	0	33.413	16.6	1718.1
12/16/2015	8:30:00	0	33.344	16.6	1718.1
12/16/2015	8:45:00	0	33.375	16.6	1717
12/16/2015	9:00:00	0	33.41	16.6	1717
12/16/2015	9:15:00	0	33.42	16.6	1715.8
12/16/2015	9:30:00	0	33.437	16.6	1715.8
12/16/2015	9:45:00	0	33.354	16.6	1715.8
12/16/2015	10:00:00	0	33.372	16.6	1713.5
12/16/2015	10:15:00	0	33.413	16.6	1713.5
12/16/2015	10:30:00	0	33.414	16.6	1715.8
12/16/2015	10:45:00	0	33.34	16.6	1713.5
12/16/2015	11:00:00	0	33.387	16.6	1713.5
12/16/2015	11:15:00	0	33.377	16.6	1713.5
12/16/2015	11:30:00	0	33.4	16.6	1713.5
12/16/2015	11:45:00	0	33.425	16.6	1713.5
12/16/2015	12:00:00	0	33.407	16.6	1713.5
12/16/2015	12:15:00	0	33.412	16.6	1713.5
12/16/2015	12:30:00	0	33.42	16.6	1713.5
12/16/2015	12:45:00	0	33.384	16.6	1713.5
12/16/2015	13:00:00	0	33.388	16.6	1712.3
12/16/2015	13:15:00	0	33.429	16.6	1712.3
12/16/2015	13:30:00	0	33.41	16.6	1712.3
12/16/2015	13:45:00	0	33.392	16.6	1712.3
12/16/2015	14:00:00	0	33.393	16.6	1712.3
12/16/2015	14:15:00	0	33.434	16.6	1711.1
12/16/2015	14:30:00	0	33.377	16.6	1712.3
12/16/2015	14:45:00	0	33.354	16.6	1711.1
12/16/2015	15:00:00	0	33.415	16.6	1711.1
12/16/2015	15:15:00	0	33.391	16.6	1712.3
12/16/2015	15:30:00	0	33.391	16.6	1712.3
12/16/2015	15:45:00	0	33.378	16.6	1712.3
12/16/2015	16:00:00	0	33.401	16.6	1711.1
12/16/2015	16:15:00	0	33.401	16.6	1712.3

12/16/2015	16:30:00	0	33.34	16.6	1711.1
12/16/2015	16:45:00	0	33.4	16.6	1711.1
12/16/2015	17:00:00	0	33.383	16.6	1711.1
12/16/2015	17:15:00	0	33.382	16.6	1711.1
12/16/2015	17:30:00	0	33.357	16.6	1711.1
12/16/2015	17:45:00	0	33.374	16.6	1712.3
12/16/2015	18:00:00	0	33.37	16.6	1711.1
12/16/2015	18:15:00	0	33.403	16.6	1711.1
12/16/2015	18:30:00	0	33.384	16.6	1711.1
12/16/2015	18:45:00	0	33.39	16.6	1711.1
12/16/2015	19:00:00	0	33.413	16.6	1711.1
12/16/2015	19:15:00	0	33.412	16.6	1710
12/16/2015	19:30:00	0	33.384	16.6	1711.1
12/16/2015	19:45:00	0	33.38	16.6	1711.1
12/16/2015	20:00:00	0	33.38	16.6	1710
12/16/2015	20:15:00	0	33.45	16.6	1710
12/16/2015	20:30:00	0	33.367	16.6	1710
12/16/2015	20:45:00	0	33.409	16.6	1710
12/16/2015	21:00:00	0	33.347	16.6	1710
12/16/2015	21:15:00	0	33.388	16.6	1710
12/16/2015	21:30:00	0	33.351	16.6	1710
12/16/2015	21:45:00	0	33.425	16.6	1710
12/16/2015	22:00:00	0	33.406	16.6	1707.6
12/16/2015	22:15:00	0	33.421	16.6	1710
12/16/2015	22:30:00	0	33.424	16.6	1707.6
12/16/2015	22:45:00	0	33.423	16.6	1707.6
12/16/2015	23:00:00	0	33.419	16.6	1707.6
12/16/2015	23:15:00	0	33.442	16.6	1707.6
12/16/2015	23:30:00	0	33.424	16.6	1707.6
12/16/2015	23:45:00	0	33.422	16.6	1707.6

Report Date: 12/18/2015 1:48:41 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7D LT Test_2015-12-17_10-15-13-310-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-7D
Device Name:
Serial Number: 424860
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-7D LT Test
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 11/28/2015 3:47:12 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: 33.6515 (ft)
Head Pressure: 14.7639 (PSI)
Temperature: 18.5712 (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 3:47:24 PM	Used Battery: 1% Used Memory: 1% User Name: CShaw
11/29/2015 12:50:09 PM	Log Download - Used Battery: 1% Used Memory: 1% User Name: CShaw
12/3/2015 8:31:31 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
12/10/2015 11:00:11 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: CShaw Interval - Start Time:
11/28/2015 5:00:00 PM	Stop Time: 12/10/2015 11:45:00 AM
12/17/2015 10:13:53 AM	Log Download - Used Battery: 2% 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
12/18/2015 1:45:57 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 1529

Sensors: 2

1 - 424860: 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#: 424860	SN#: 424860	SN#: 424860	SN#: 424860	SN#: 424860
SN#: 000000	SN#: 424860	SN#: 424860	SN#: 424860	SN#: 424860

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Seconds	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	
Resistivity (ohm-cm)		Water Density (g/cm3)	Barometric Pressure (PSI)		
12/10/2015 12:00:00 AM	734400.000		117.015	19.696	266.714
34759.785	38678.309		26.301	24.850	28.769
1.017	14.747				
12/10/2015 12:15:00 AM	735300.000		116.995	19.693	266.668
34747.637	38667.156		26.294	24.842	28.779
1.017	14.741				
12/10/2015 12:30:00 AM	736200.000		117.017	19.690	266.718
34767.613	38691.895		26.310	24.859	28.762
1.017	14.746				
12/10/2015 12:45:00 AM	737100.000		117.031	19.692	266.750
34777.465	38700.996		26.317	24.866	28.754
1.017	14.741				
12/10/2015 1:00:00 AM	738000.000		117.037	19.692	266.764
34786.027	38710.309		26.323	24.872	28.747
1.017	14.733				
12/10/2015 1:15:00 AM	738900.000		117.047	19.696	266.786
34762.328	38681.277		26.303	24.852	28.767
1.017	14.725				
12/10/2015 1:30:00 AM	739800.000		117.045	19.698	266.782

34784.090	38703.637	26.318	24.868	28.749
1.017	14.715			
12/10/2015 1:45:00 AM	740700.000	117.052	19.701	266.797
34777.785	38694.246	26.312	24.861	28.754
1.017	14.717			
12/10/2015 2:00:00 AM	741600.000	117.046	19.702	266.783
34781.852	38697.980	26.315	24.864	28.751
1.017	14.725			
12/10/2015 2:15:00 AM	742500.000	117.044	19.702	266.779
34766.699	38680.695	26.303	24.852	28.763
1.017	14.726			
12/10/2015 2:30:00 AM	743400.000	117.007	19.704	266.695
34769.637	38682.891	26.304	24.853	28.761
1.017	14.729			
12/10/2015 2:45:00 AM	744300.000	117.040	19.706	266.770
34779.406	38692.105	26.311	24.860	28.753
1.017	14.723			
12/10/2015 3:00:00 AM	745200.000	117.037	19.710	266.764
34742.066	38647.059	26.280	24.828	28.784
1.017	14.718			
12/10/2015 3:15:00 AM	746100.000	117.038	19.710	266.766
34749.422	38655.172	26.286	24.834	28.777
1.017	14.707			
12/10/2015 3:30:00 AM	747000.000	117.050	19.713	266.793
34764.871	38670.203	26.296	24.844	28.765
1.017	14.710			
12/10/2015 3:45:00 AM	747900.000	117.052	19.713	266.798
34764.172	38669.141	26.295	24.844	28.765
1.017	14.708			
12/10/2015 4:00:00 AM	748800.000	117.053	19.716	266.799
34746.523	38646.645	26.280	24.828	28.780
1.017	14.710			
12/10/2015 4:15:00 AM	749700.000	117.061	19.719	266.817
34749.063	38647.539	26.280	24.829	28.778
1.017	14.705			
12/10/2015 4:30:00 AM	750600.000	117.069	19.720	266.836
34751.703	38649.336	26.282	24.830	28.776
1.017	14.700			
12/10/2015 4:45:00 AM	751500.000	117.066	19.724	266.830
34742.480	38635.637	26.272	24.820	28.783
1.017	14.699			
12/10/2015 5:00:00 AM	752400.000	117.075	19.722	266.850
34730.117	38623.609	26.264	24.812	28.793
1.017	14.691			
12/10/2015 5:15:00 AM	753300.000	117.063	19.724	266.822
34765.008	38661.258	26.290	24.838	28.765
1.017	14.693			
12/10/2015 5:30:00 AM	754200.000	117.080	19.727	266.861
34776.781	38671.344	26.297	24.846	28.755
1.017	14.692			
12/10/2015 5:45:00 AM	755100.000	117.090	19.729	266.884
34743.113	38632.258	26.270	24.818	28.783
1.017	14.693			
12/10/2015 6:00:00 AM	756000.000	117.092	19.732	266.889
34783.184	38674.875	26.299	24.848	28.750
1.017	14.700			
12/10/2015 6:15:00 AM	756900.000	117.092	19.735	266.888

34782.172	38670.605	26.296	24.846	28.750
1.017	14.703			
12/10/2015 6:30:00 AM	757800.000	117.106	19.735	266.921
34793.250	38683.496	26.305	24.855	28.741
1.017	14.701			
12/10/2015 6:45:00 AM	758700.000	117.118	19.740	266.947
34758.270	38640.094	26.275	24.824	28.770
1.017	14.697			
12/10/2015 7:00:00 AM	759600.000	117.087	19.744	266.877
34779.512	38660.270	26.289	24.838	28.753
1.017	14.692			
12/10/2015 7:15:00 AM	760500.000	117.132	19.747	266.981
34752.090	38627.574	26.267	24.815	28.775
1.017	14.696			
12/10/2015 7:30:00 AM	761400.000	117.133	19.747	266.983
34739.695	38614.223	26.258	24.806	28.786
1.017	14.692			
12/10/2015 7:45:00 AM	762300.000	117.116	19.748	266.944
34803.121	38683.727	26.305	24.855	28.733
1.017	14.693			
12/10/2015 8:00:00 AM	763200.000	117.133	19.751	266.982
34744.723	38616.598	26.259	24.808	28.781
1.017	14.697			
12/10/2015 8:15:00 AM	764100.000	117.149	19.749	267.018
34778.695	38655.426	26.286	24.835	28.753
1.017	14.694			
12/10/2015 8:30:00 AM	765000.000	117.125	19.752	266.964
34775.219	38648.988	26.281	24.831	28.756
1.017	14.714			
12/10/2015 8:45:00 AM	765900.000	117.178	19.757	267.085
34792.395	38664.211	26.292	24.842	28.742
1.017	14.708			
12/10/2015 9:00:00 AM	766800.000	117.152	19.765	267.025
34771.965	38635.012	26.272	24.821	28.759
1.017	14.713			
12/10/2015 9:15:00 AM	767700.000	117.189	19.764	267.111
34780.547	38645.617	26.279	24.829	28.752
1.017	14.716			
12/10/2015 9:30:00 AM	768600.000	117.200	19.770	267.135
34719.992	38572.836	26.230	24.777	28.802
1.017	14.720			
12/10/2015 9:45:00 AM	769500.000	117.209	19.772	267.156
34771.105	38628.191	26.267	24.817	28.760
1.017	14.724			
12/10/2015 10:00:00 AM	770400.000	117.208	19.780	267.153
34774.781	38626.047	26.266	24.815	28.756
1.017	14.720			
12/10/2015 10:15:00 AM	771300.000	117.209	19.785	267.155
34771.676	38618.313	26.260	24.810	28.759
1.017	14.719			
12/10/2015 10:30:00 AM	772200.000	117.181	19.790	267.092
34768.633	38611.215	26.256	24.805	28.762
1.017	14.732			
12/10/2015 10:45:00 AM	773100.000	117.187	19.793	267.105
34765.969	38605.047	26.251	24.801	28.764
1.017	14.720			
12/10/2015 11:00:00 AM	774000.000	117.244	19.771	267.234

34746.891	38602.211	26.250	24.798	28.780
1.017	14.706			
12/10/2015 11:15:00 AM	774900.000	117.234	19.787	267.213
34753.488	38596.547	26.246	24.795	28.774
1.017	14.706			
12/10/2015 11:30:00 AM	775800.000	117.213	19.794	267.165
34777.316	38617.289	26.260	24.810	28.754
1.017	14.717			
12/10/2015 11:45:00 AM	776700.000	117.243	19.798	267.233
34753.883	38588.129	26.240	24.789	28.774
1.017	14.712			
12/10/2015 12:00:00 PM	777600.000	117.199	19.798	267.133
34750.477	38584.492	26.237	24.786	28.777
1.017	14.713			
12/10/2015 12:15:00 PM	778500.000	117.221	19.796	267.182
34779.770	38618.582	26.261	24.811	28.752
1.017	14.709			
12/10/2015 12:30:00 PM	779400.000	117.199	19.799	267.133
34788.527	38625.164	26.265	24.815	28.745
1.017	14.711			
12/10/2015 12:45:00 PM	780300.000	117.202	19.802	267.139
34783.961	38618.172	26.260	24.810	28.749
1.017	14.709			
12/10/2015 1:00:00 PM	781200.000	117.234	19.805	267.213
34748.391	38575.684	26.231	24.780	28.778
1.017	14.705			
12/10/2015 1:15:00 PM	782100.000	117.227	19.808	267.195
34781.820	38610.719	26.255	24.805	28.751
1.017	14.696			
12/10/2015 1:30:00 PM	783000.000	117.205	19.814	267.146
34770.430	38593.512	26.244	24.793	28.760
1.017	14.695			
12/10/2015 1:45:00 PM	783900.000	117.209	19.818	267.156
34776.715	38596.629	26.246	24.796	28.755
1.017	14.699			
12/10/2015 2:00:00 PM	784800.000	117.214	19.822	267.168
34742.961	38556.109	26.218	24.767	28.783
1.017	14.698			
12/10/2015 2:15:00 PM	785700.000	117.194	19.825	267.121
34758.875	38571.629	26.229	24.778	28.770
1.017	14.692			
12/10/2015 2:30:00 PM	786600.000	117.160	19.827	267.044
34755.668	38565.938	26.225	24.774	28.772
1.017	14.690			
12/10/2015 2:45:00 PM	787500.000	117.181	19.832	267.093
34803.262	38615.035	26.258	24.809	28.733
1.017	14.691			
12/10/2015 3:00:00 PM	788400.000	117.169	19.835	267.063
34784.129	38591.523	26.242	24.793	28.749
1.017	14.697			
12/10/2015 3:15:00 PM	789300.000	117.160	19.841	267.044
34737.531	38534.625	26.204	24.752	28.787
1.017	14.690			
12/10/2015 3:30:00 PM	790200.000	117.153	19.851	267.028
34779.090	38572.246	26.229	24.779	28.753
1.017	14.698			
12/10/2015 3:45:00 PM	791100.000	117.138	19.860	266.993

34767.563	38552.766	26.216	24.766	28.762
1.017	14.693			
12/10/2015 4:00:00 PM	792000.000	117.140	19.871	266.999
34790.145	38568.477	26.227	24.777	28.744
1.017	14.685			
12/10/2015 4:15:00 PM	792900.000	117.101	19.874	266.910
34742.605	38513.418	26.189	24.738	28.783
1.017	14.692			
12/10/2015 4:30:00 PM	793800.000	117.132	19.876	266.980
34773.762	38546.035	26.211	24.762	28.757
1.017	14.689			
12/10/2015 4:45:00 PM	794700.000	117.098	19.849	266.902
34735.488	38526.164	26.198	24.747	28.789
1.017	14.694			
12/10/2015 5:00:00 PM	795600.000	117.092	19.849	266.889
34741.332	38532.359	26.202	24.751	28.784
1.017	14.686			
12/10/2015 5:15:00 PM	796500.000	117.117	19.844	266.946
34788.816	38588.738	26.240	24.791	28.745
1.017	14.683			
12/10/2015 5:30:00 PM	797400.000	117.103	19.848	266.913
34730.426	38520.910	26.194	24.743	28.793
1.017	14.689			
12/10/2015 5:45:00 PM	798300.000	117.083	19.851	266.869
34744.445	38534.250	26.203	24.752	28.782
1.017	14.688			
12/10/2015 6:00:00 PM	799200.000	117.069	19.857	266.836
34791.152	38581.277	26.235	24.786	28.743
1.017	14.687			
12/10/2015 6:15:00 PM	800100.000	117.088	19.865	266.879
34745.688	38524.309	26.197	24.746	28.781
1.017	14.684			
12/10/2015 6:30:00 PM	801000.000	117.082	19.867	266.865
34755.098	38532.469	26.202	24.752	28.773
1.017	14.684			
12/10/2015 6:45:00 PM	801900.000	117.087	19.869	266.876
34733.918	38507.418	26.185	24.734	28.790
1.017	14.685			
12/10/2015 7:00:00 PM	802800.000	117.046	19.871	266.784
34782.684	38560.344	26.221	24.772	28.750
1.017	14.678			
12/10/2015 7:15:00 PM	803700.000	117.057	19.876	266.810
34784.742	38558.141	26.220	24.770	28.748
1.017	14.674			
12/10/2015 7:30:00 PM	804600.000	117.056	19.882	266.806
34768.852	38535.965	26.204	24.755	28.761
1.017	14.690			
12/10/2015 7:45:00 PM	805500.000	117.059	19.884	266.813
34762.254	38527.094	26.198	24.748	28.767
1.017	14.684			
12/10/2015 8:00:00 PM	806400.000	117.075	19.887	266.851
34765.180	38527.781	26.199	24.749	28.764
1.017	14.690			
12/10/2015 8:15:00 PM	807300.000	117.070	19.893	266.838
34766.914	38525.008	26.197	24.747	28.763
1.017	14.682			
12/10/2015 8:30:00 PM	808200.000	117.081	19.898	266.863

34751.570	38503.383	26.182	24.732	28.776
1.017	14.691			
12/10/2015 8:45:00 PM	809100.000	117.088	19.897	266.880
34790.078	38547.324	26.212	24.763	28.744
1.017	14.688			
12/10/2015 9:00:00 PM	810000.000	117.097	19.905	266.900
34762.445	38509.887	26.187	24.737	28.767
1.017	14.685			
12/10/2015 9:15:00 PM	810900.000	117.088	19.899	266.880
34783.551	38538.105	26.206	24.757	28.749
1.017	14.684			
12/10/2015 9:30:00 PM	811800.000	117.087	19.903	266.877
34762.664	38512.258	26.188	24.738	28.766
1.017	14.679			
12/10/2015 9:45:00 PM	812700.000	117.127	19.908	266.968
34793.051	38541.086	26.208	24.759	28.741
1.017	14.677			
12/10/2015 10:00:00 PM	813600.000	117.091	19.896	266.887
34780.215	38537.398	26.205	24.756	28.752
1.017	14.682			
12/10/2015 10:15:00 PM	814500.000	117.134	19.895	266.984
34785.375	38543.254	26.209	24.760	28.748
1.017	14.679			
12/10/2015 10:30:00 PM	815400.000	117.142	19.895	267.003
34778.379	38535.926	26.204	24.755	28.753
1.017	14.679			
12/10/2015 10:45:00 PM	816300.000	117.119	19.890	266.950
34777.957	38539.445	26.207	24.757	28.754
1.017	14.678			
12/10/2015 11:00:00 PM	817200.000	117.150	19.895	267.021
34743.266	38496.668	26.178	24.727	28.783
1.017	14.676			
12/10/2015 11:15:00 PM	818100.000	117.158	19.901	267.038
34792.773	38547.043	26.212	24.763	28.742
1.017	14.673			
12/10/2015 11:30:00 PM	819000.000	117.156	19.899	267.036
34808.730	38566.422	26.225	24.777	28.728
1.017	14.672			
12/10/2015 11:45:00 PM	819900.000	117.133	19.904	266.982
34733.289	38478.438	26.165	24.714	28.791
1.017	14.659			
12/11/2015 12:00:00 AM	820800.000	117.173	19.907	267.074
34761.039	38507.055	26.185	24.735	28.768
1.017	14.677			
12/11/2015 12:15:00 AM	821700.000	117.153	19.913	267.028
34792.324	38536.730	26.205	24.756	28.742
1.017	14.675			
12/11/2015 12:30:00 AM	822600.000	117.197	19.917	267.128
34762.164	38499.984	26.180	24.730	28.767
1.017	14.671			
12/11/2015 12:45:00 AM	823500.000	117.197	19.919	267.129
34800.383	38540.246	26.207	24.759	28.735
1.017	14.676			
12/11/2015 1:00:00 AM	824400.000	117.200	19.921	267.134
34741.434	38473.410	26.162	24.711	28.784
1.017	14.666			
12/11/2015 1:15:00 AM	825300.000	117.200	19.917	267.135

34788.977	38529.820	26.200	24.751	28.745
1.017	14.663			
12/11/2015 1:30:00 AM	826200.000	117.212	19.920	267.162
34753.945	38488.047	26.172	24.722	28.774
1.017	14.666			
12/11/2015 1:45:00 AM	827100.000	117.213	19.924	267.166
34751.922	38482.887	26.168	24.718	28.775
1.017	14.671			
12/11/2015 2:00:00 AM	828000.000	117.211	19.931	267.161
34759.262	38485.629	26.170	24.720	28.769
1.017	14.667			
12/11/2015 2:15:00 AM	828900.000	117.221	19.915	267.183
34756.613	38495.609	26.177	24.727	28.772
1.017	14.667			
12/11/2015 2:30:00 AM	829800.000	117.228	19.919	267.198
34775.891	38513.629	26.189	24.740	28.756
1.017	14.666			
12/11/2015 2:45:00 AM	830700.000	117.234	19.924	267.213
34780.188	38514.117	26.190	24.740	28.752
1.017	14.663			
12/11/2015 3:00:00 AM	831600.000	117.198	19.918	267.131
34761.605	38498.301	26.179	24.729	28.767
1.017	14.658			
12/11/2015 3:15:00 AM	832500.000	117.231	19.922	267.205
34772.129	38506.977	26.185	24.735	28.759
1.017	14.660			
12/11/2015 3:30:00 AM	833400.000	117.226	19.924	267.193
34788.746	38523.457	26.196	24.747	28.745
1.017	14.661			
12/11/2015 3:45:00 AM	834300.000	117.256	19.926	267.262
34789.914	38522.969	26.196	24.747	28.744
1.017	14.649			
12/11/2015 4:00:00 AM	835200.000	117.245	19.930	267.237
34778.945	38507.770	26.185	24.736	28.753
1.017	14.652			
12/11/2015 4:15:00 AM	836100.000	117.214	19.899	267.168
34802.387	38559.258	26.220	24.772	28.734
1.017	14.651			
12/11/2015 4:30:00 AM	837000.000	117.243	19.902	267.234
34785.039	38537.188	26.205	24.756	28.748
1.017	14.650			
12/11/2015 4:45:00 AM	837900.000	117.237	19.903	267.219
34793.836	38546.652	26.212	24.763	28.741
1.017	14.649			
12/11/2015 5:00:00 AM	838800.000	117.265	19.910	267.284
34842.680	38594.715	26.244	24.797	28.700
1.017	14.639			
12/11/2015 5:15:00 AM	839700.000	117.260	19.912	267.271
34869.336	38622.746	26.263	24.817	28.678
1.017	14.644			
12/11/2015 5:30:00 AM	840600.000	117.273	19.902	267.302
34936.434	38705.063	26.319	24.876	28.623
1.017	14.642			
12/11/2015 5:45:00 AM	841500.000	117.271	19.905	267.296
34901.109	38663.363	26.291	24.846	28.652
1.017	14.643			
12/11/2015 6:00:00 AM	842400.000	117.253	19.932	267.257

34879.910	38618.133	26.260	24.815	28.670
1.017	14.650			
12/11/2015 6:15:00 AM	843300.000	117.278	19.915	267.314
34894.586	38648.219	26.281	24.835	28.658
1.017	14.659			
12/11/2015 6:30:00 AM	844200.000	117.278	19.925	267.312
34905.832	38652.828	26.284	24.839	28.649
1.017	14.655			
12/11/2015 6:45:00 AM	845100.000	117.283	19.916	267.325
34889.016	38640.906	26.276	24.830	28.662
1.017	14.659			
12/11/2015 7:00:00 AM	846000.000	117.315	19.923	267.397
34895.297	38642.723	26.277	24.832	28.657
1.017	14.657			
12/11/2015 7:15:00 AM	846900.000	117.293	19.921	267.347
34874.836	38621.352	26.263	24.817	28.674
1.017	14.671			
12/11/2015 7:30:00 AM	847800.000	117.297	19.923	267.357
34895.102	38642.660	26.277	24.832	28.657
1.017	14.671			
12/11/2015 7:45:00 AM	848700.000	117.292	19.922	267.344
34879.621	38626.086	26.266	24.820	28.670
1.017	14.669			
12/11/2015 8:00:00 AM	849600.000	117.327	19.917	267.425
34935.504	38692.184	26.311	24.867	28.624
1.017	14.665			
12/11/2015 8:15:00 AM	850500.000	117.317	19.916	267.403
34905.219	38659.348	26.288	24.843	28.649
1.017	14.669			
12/11/2015 8:30:00 AM	851400.000	117.334	19.914	267.439
34882.449	38635.418	26.272	24.826	28.668
1.017	14.679			
12/11/2015 8:45:00 AM	852300.000	117.316	19.913	267.400
34912.051	38668.977	26.295	24.850	28.643
1.017	14.683			
12/11/2015 9:00:00 AM	853200.000	117.332	19.912	267.435
34903.566	38660.590	26.289	24.844	28.650
1.017	14.682			
12/11/2015 9:15:00 AM	854100.000	117.369	19.912	267.519
34912.340	38670.590	26.296	24.851	28.643
1.017	14.693			
12/11/2015 9:30:00 AM	855000.000	117.372	19.910	267.526
34937.055	38699.254	26.315	24.872	28.623
1.017	14.690			
12/11/2015 9:45:00 AM	855900.000	117.364	19.911	267.509
34920.422	38680.113	26.302	24.858	28.637
1.017	14.694			
12/11/2015 10:00:00 AM	856800.000	117.389	19.908	267.567
34940.219	38704.469	26.319	24.875	28.620
1.017	14.691			
12/11/2015 10:15:00 AM	857700.000	117.368	19.908	267.518
34922.695	38685.414	26.306	24.862	28.635
1.017	14.697			
12/11/2015 10:30:00 AM	858600.000	117.394	19.907	267.577
34932.285	38696.539	26.314	24.870	28.627
1.017	14.694			
12/11/2015 10:45:00 AM	859500.000	117.392	19.909	267.573

34952.754	38717.711	26.328	24.885	28.610
1.017	14.701			
12/11/2015 11:00:00 AM	860400.000	117.415	19.908	267.624
34926.477	38689.102	26.309	24.864	28.632
1.017	14.700			
12/11/2015 11:15:00 AM	861300.000	117.404	19.906	267.599
34967.078	38735.723	26.340	24.897	28.598
1.017	14.703			
12/11/2015 11:30:00 AM	862200.000	117.404	19.910	267.601
34960.809	38725.422	26.333	24.890	28.603
1.017	14.700			
12/11/2015 11:45:00 AM	863100.000	117.417	19.909	267.629
34945.359	38709.734	26.323	24.879	28.616
1.017	14.698			
12/11/2015 12:00:00 PM	864000.000	117.378	19.914	267.540
34976.730	38740.055	26.343	24.901	28.590
1.017	14.701			
12/11/2015 12:15:00 PM	864900.000	117.412	19.907	267.619
34942.863	38708.398	26.322	24.878	28.618
1.017	14.695			
12/11/2015 12:30:00 PM	865800.000	117.369	19.909	267.520
34953.059	38717.770	26.328	24.885	28.610
1.017	14.694			
12/11/2015 12:45:00 PM	866700.000	117.411	19.911	267.617
34941.402	38703.422	26.318	24.875	28.619
1.017	14.696			
12/11/2015 1:00:00 PM	867600.000	117.381	19.913	267.546
34918.605	38676.531	26.300	24.856	28.638
1.017	14.689			
12/11/2015 1:15:00 PM	868500.000	117.408	19.911	267.609
34970.766	38736.238	26.341	24.898	28.595
1.017	14.691			
12/11/2015 1:30:00 PM	869400.000	117.409	19.910	267.611
34967.664	38732.871	26.338	24.896	28.598
1.017	14.696			
12/11/2015 1:45:00 PM	870300.000	117.409	19.910	267.611
34968.219	38734.125	26.339	24.896	28.597
1.017	14.694			
12/11/2015 2:00:00 PM	871200.000	117.408	19.908	267.608
34933.098	38696.438	26.314	24.870	28.626
1.017	14.691			
12/11/2015 2:15:00 PM	872100.000	117.373	19.910	267.529
34929.059	38690.254	26.309	24.865	28.629
1.017	14.691			
12/11/2015 2:30:00 PM	873000.000	117.372	19.911	267.528
34962.305	38726.434	26.334	24.891	28.602
1.017	14.690			
12/11/2015 2:45:00 PM	873900.000	117.364	19.912	267.510
34968.117	38731.941	26.338	24.895	28.597
1.017	14.690			
12/11/2015 3:00:00 PM	874800.000	117.348	19.912	267.472
34963.793	38727.301	26.335	24.892	28.601
1.017	14.686			
12/11/2015 3:15:00 PM	875700.000	117.355	19.913	267.488
34909.402	38666.113	26.293	24.848	28.646
1.017	14.688			
12/11/2015 3:30:00 PM	876600.000	117.326	19.919	267.422

34945.754	38701.523	26.317	24.874	28.616
1.017	14.697			
12/11/2015 3:45:00 PM	877500.000	117.326	19.916	267.422
34933.770	38691.125	26.310	24.866	28.626
1.017	14.701			
12/11/2015 4:00:00 PM	878400.000	117.315	19.915	267.397
34936.996	38695.258	26.313	24.869	28.623
1.017	14.700			
12/11/2015 4:15:00 PM	879300.000	117.300	19.923	267.362
34928.176	38679.066	26.302	24.858	28.630
1.017	14.704			
12/11/2015 4:30:00 PM	880200.000	117.298	19.920	267.359
34936.906	38691.367	26.310	24.866	28.623
1.017	14.705			
12/11/2015 4:45:00 PM	881100.000	117.289	19.918	267.338
34933.918	38689.633	26.309	24.865	28.625
1.017	14.712			
12/11/2015 5:00:00 PM	882000.000	117.279	19.916	267.316
34945.359	38703.449	26.318	24.875	28.616
1.017	14.715			
12/11/2015 5:15:00 PM	882900.000	117.254	19.913	267.259
34942.258	38702.367	26.318	24.874	28.619
1.017	14.712			
12/11/2015 5:30:00 PM	883800.000	117.256	19.911	267.263
34953.180	38716.039	26.327	24.884	28.610
1.017	14.715			
12/11/2015 5:45:00 PM	884700.000	117.253	19.911	267.257
34929.695	38690.453	26.310	24.865	28.629
1.017	14.715			
12/11/2015 6:00:00 PM	885600.000	117.218	19.962	267.175
34937.145	38657.121	26.287	24.843	28.623
1.017	14.717			
12/11/2015 6:15:00 PM	886500.000	117.247	19.985	267.243
34909.133	38607.484	26.253	24.809	28.646
1.017	14.720			
12/11/2015 6:30:00 PM	887400.000	117.185	19.965	267.101
34910.012	38624.680	26.265	24.820	28.645
1.017	14.731			
12/11/2015 6:45:00 PM	888300.000	117.218	19.962	267.177
34948.980	38669.719	26.295	24.852	28.613
1.017	14.728			
12/11/2015 7:00:00 PM	889200.000	117.187	19.956	267.106
34967.848	38695.520	26.313	24.870	28.598
1.017	14.730			
12/11/2015 7:15:00 PM	890100.000	117.226	19.949	267.194
34954.000	38686.465	26.307	24.864	28.609
1.017	14.728			
12/11/2015 7:30:00 PM	891000.000	117.179	19.947	267.087
34944.324	38677.328	26.301	24.857	28.617
1.017	14.727			
12/11/2015 7:45:00 PM	891900.000	117.216	19.942	267.170
34910.539	38643.633	26.278	24.833	28.645
1.017	14.725			
12/11/2015 8:00:00 PM	892800.000	117.219	19.949	267.178
34963.402	38696.590	26.314	24.871	28.601
1.017	14.735			
12/11/2015 8:15:00 PM	893700.000	117.224	19.940	267.189

34914.137	38649.613	26.282	24.837	28.642
1.017	14.732			
12/11/2015 8:30:00 PM	894600.000	117.225	19.941	267.193
34936.512	38673.391	26.298	24.854	28.623
1.017	14.738			
12/11/2015 8:45:00 PM	895500.000	117.197	19.941	267.129
34915.727	38650.734	26.283	24.838	28.640
1.017	14.733			
12/11/2015 9:00:00 PM	896400.000	117.219	19.932	267.178
34937.633	38682.191	26.304	24.860	28.622
1.017	14.731			
12/11/2015 9:15:00 PM	897300.000	117.226	19.935	267.193
34961.973	38706.785	26.321	24.878	28.603
1.017	14.738			
12/11/2015 9:30:00 PM	898200.000	117.220	19.933	267.181
34951.805	38697.238	26.314	24.871	28.611
1.017	14.743			
12/11/2015 9:45:00 PM	899100.000	117.241	19.931	267.229
34946.395	38692.824	26.311	24.868	28.615
1.017	14.737			
12/11/2015 10:00:00 PM	900000.000	117.195	19.931	267.123
34925.863	38669.727	26.295	24.851	28.632
1.017	14.746			
12/11/2015 10:15:00 PM	900900.000	117.243	19.932	267.232
34936.992	38680.910	26.303	24.859	28.623
1.017	14.744			
12/11/2015 10:30:00 PM	901800.000	117.259	19.934	267.269
34985.297	38733.535	26.339	24.897	28.583
1.017	14.745			
12/11/2015 10:45:00 PM	902700.000	117.241	19.936	267.228
34932.859	38673.836	26.298	24.854	28.626
1.017	14.747			
12/11/2015 11:00:00 PM	903600.000	117.267	19.936	267.287
34958.801	38702.414	26.318	24.875	28.605
1.017	14.746			
12/11/2015 11:15:00 PM	904500.000	117.282	19.934	267.321
34962.574	38708.164	26.322	24.879	28.602
1.017	14.745			
12/11/2015 11:30:00 PM	905400.000	117.272	19.933	267.300
34979.324	38727.641	26.335	24.893	28.588
1.017	14.748			
12/11/2015 11:45:00 PM	906300.000	117.277	19.936	267.311
34962.879	38706.855	26.321	24.878	28.602
1.017	14.752			
12/12/2015 12:00:00 AM	907200.000	117.255	19.933	267.260
34939.492	38683.246	26.305	24.861	28.621
1.017	14.752			
12/12/2015 12:15:00 AM	908100.000	117.287	19.934	267.334
34954.668	38699.484	26.316	24.873	28.608
1.017	14.752			
12/12/2015 12:30:00 AM	909000.000	117.291	19.935	267.343
34973.934	38719.953	26.330	24.887	28.593
1.017	14.745			
12/12/2015 12:45:00 AM	909900.000	117.286	19.935	267.330
34945.844	38688.781	26.308	24.865	28.616
1.017	14.760			
12/12/2015 1:00:00 AM	910800.000	117.307	19.935	267.378

34972.379	38717.656	26.328	24.886	28.594
1.017	14.755			
12/12/2015 1:15:00 AM	911700.000	117.284	19.937	267.326
34958.563	38701.082	26.317	24.874	28.605
1.017	14.756			
12/12/2015 1:30:00 AM	912600.000	117.317	19.939	267.402
34923.617	38660.824	26.289	24.845	28.634
1.017	14.761			
12/12/2015 1:45:00 AM	913500.000	117.311	19.938	267.388
34965.891	38708.477	26.322	24.879	28.599
1.017	14.767			
12/12/2015 2:00:00 AM	914400.000	117.303	19.936	267.370
34964.949	38708.715	26.322	24.879	28.600
1.017	14.762			
12/12/2015 2:15:00 AM	915300.000	117.316	19.937	267.400
34957.492	38699.535	26.316	24.873	28.606
1.017	14.762			
12/12/2015 2:30:00 AM	916200.000	117.313	19.938	267.392
34958.016	38700.047	26.316	24.873	28.606
1.017	14.765			
12/12/2015 2:45:00 AM	917100.000	117.323	19.938	267.414
34969.121	38712.195	26.324	24.882	28.597
1.017	14.770			
12/12/2015 3:00:00 AM	918000.000	117.312	19.940	267.391
34982.453	38725.031	26.333	24.891	28.586
1.017	14.771			
12/12/2015 3:15:00 AM	918900.000	117.309	19.936	267.383
34950.773	38693.453	26.312	24.868	28.612
1.017	14.771			
12/12/2015 3:30:00 AM	919800.000	117.325	19.935	267.420
34937.027	38679.020	26.302	24.858	28.623
1.017	14.766			
12/12/2015 3:45:00 AM	920700.000	117.337	19.935	267.448
34961.141	38705.508	26.320	24.877	28.603
1.017	14.762			
12/12/2015 4:00:00 AM	921600.000	117.336	19.935	267.444
34945.113	38688.191	26.308	24.865	28.616
1.017	14.763			
12/12/2015 4:15:00 AM	922500.000	117.304	19.933	267.372
34947.676	38692.598	26.311	24.868	28.614
1.017	14.761			
12/12/2015 4:30:00 AM	923400.000	117.345	19.931	267.465
34968.973	38717.664	26.328	24.885	28.597
1.017	14.762			
12/12/2015 4:45:00 AM	924300.000	117.333	19.929	267.438
34903.504	38646.613	26.280	24.835	28.650
1.017	14.760			
12/12/2015 5:00:00 AM	925200.000	117.346	19.930	267.469
34933.285	38678.656	26.301	24.858	28.626
1.017	14.774			
12/12/2015 5:15:00 AM	926100.000	117.347	19.928	267.471
34956.758	38706.574	26.320	24.877	28.607
1.017	14.772			
12/12/2015 5:30:00 AM	927000.000	117.339	19.922	267.453
34974.750	38731.211	26.337	24.895	28.592
1.017	14.776			
12/12/2015 5:45:00 AM	927900.000	117.348	19.923	267.473

34932.797	38683.828	26.305	24.861	28.626
1.017	14.775			
12/12/2015 6:00:00 AM	928800.000	117.316	19.925	267.399
34956.516	38708.953	26.322	24.879	28.607
1.017	14.774			
12/12/2015 6:15:00 AM	929700.000	117.353	19.921	267.485
34963.422	38719.809	26.329	24.887	28.601
1.017	14.775			
12/12/2015 6:30:00 AM	930600.000	117.318	19.922	267.405
34938.215	38690.973	26.310	24.866	28.622
1.017	14.782			
12/12/2015 6:45:00 AM	931500.000	117.333	19.923	267.438
34960.996	38715.340	26.326	24.883	28.603
1.017	14.792			
12/12/2015 7:00:00 AM	932400.000	117.373	19.921	267.530
34965.105	38721.250	26.330	24.888	28.600
1.017	14.787			
12/12/2015 7:15:00 AM	933300.000	117.367	19.920	267.515
34945.266	38700.203	26.316	24.873	28.616
1.017	14.790			
12/12/2015 7:30:00 AM	934200.000	117.357	19.922	267.492
34951.746	38705.457	26.320	24.876	28.611
1.017	14.779			
12/12/2015 7:45:00 AM	935100.000	117.363	19.919	267.506
34957.945	38714.957	26.326	24.883	28.606
1.017	14.791			
12/12/2015 8:00:00 AM	936000.000	117.382	19.914	267.549
34955.129	38716.410	26.327	24.884	28.608
1.017	14.793			
12/12/2015 8:15:00 AM	936900.000	117.352	19.911	267.482
34962.570	38727.016	26.334	24.891	28.602
1.017	14.791			
12/12/2015 8:30:00 AM	937800.000	117.401	19.910	267.594
34978.406	38744.770	26.346	24.904	28.589
1.017	14.797			
12/12/2015 8:45:00 AM	938700.000	117.410	19.909	267.613
34952.207	38717.105	26.328	24.884	28.610
1.017	14.798			
12/12/2015 9:00:00 AM	939600.000	117.411	19.910	267.617
34985.762	38753.273	26.352	24.910	28.583
1.017	14.804			
12/12/2015 9:15:00 AM	940500.000	117.415	19.908	267.626
34969.359	38737.176	26.341	24.899	28.596
1.017	14.812			
12/12/2015 9:30:00 AM	941400.000	117.409	19.906	267.612
34923.656	38687.840	26.308	24.863	28.634
1.017	14.806			
12/12/2015 9:45:00 AM	942300.000	117.413	19.906	267.620
34952.754	38720.145	26.330	24.886	28.610
1.017	14.814			
12/12/2015 10:00:00 AM	943200.000	117.427	19.904	267.653
34926.836	38693.074	26.311	24.867	28.631
1.017	14.814			
12/12/2015 10:15:00 AM	944100.000	117.460	19.902	267.728
34980.629	38753.957	26.353	24.910	28.587
1.017	14.809			
12/12/2015 10:30:00 AM	945000.000	117.448	19.895	267.701

34939.762	38714.824	26.326	24.882	28.621
1.017	14.815			
12/12/2015 10:45:00 AM	945900.000	117.462	19.896	267.733
34984.328	38762.844	26.359	24.916	28.584
1.017	14.816			
12/12/2015 11:00:00 AM	946800.000	117.447	19.895	267.698
34935.203	38709.848	26.323	24.879	28.624
1.017	14.816			
12/12/2015 11:15:00 AM	947700.000	117.470	19.892	267.751
34978.336	38759.781	26.357	24.914	28.589
1.017	14.812			
12/12/2015 11:30:00 AM	948600.000	117.479	19.894	267.772
34940.555	38716.270	26.327	24.883	28.620
1.017	14.814			
12/12/2015 11:45:00 AM	949500.000	117.482	19.890	267.778
34970.457	38752.555	26.352	24.909	28.596
1.017	14.810			
12/12/2015 12:00:00 PM	950400.000	117.488	19.885	267.791
34956.914	38741.695	26.344	24.901	28.607
1.017	14.811			
12/12/2015 12:15:00 PM	951300.000	117.495	19.887	267.806
34959.262	38742.801	26.345	24.902	28.605
1.017	14.811			
12/12/2015 12:30:00 PM	952200.000	117.441	19.883	267.685
34985.918	38775.773	26.368	24.925	28.583
1.017	14.814			
12/12/2015 12:45:00 PM	953100.000	117.484	19.883	267.781
34959.539	38746.176	26.347	24.904	28.604
1.017	14.808			
12/12/2015 1:00:00 PM	954000.000	117.477	19.879	267.767
34955.789	38745.738	26.347	24.904	28.608
1.017	14.807			
12/12/2015 1:15:00 PM	954900.000	117.486	19.879	267.787
34959.840	38750.230	26.350	24.907	28.604
1.017	14.808			
12/12/2015 1:30:00 PM	955800.000	117.481	19.879	267.776
34936.301	38723.852	26.332	24.888	28.624
1.017	14.808			
12/12/2015 1:45:00 PM	956700.000	117.472	19.877	267.755
34967.434	38759.727	26.357	24.914	28.598
1.017	14.813			
12/12/2015 2:00:00 PM	957600.000	117.486	19.873	267.787
34951.625	38745.773	26.347	24.904	28.611
1.017	14.806			
12/12/2015 2:15:00 PM	958500.000	117.473	19.870	267.756
34944.719	38740.691	26.344	24.900	28.617
1.017	14.802			
12/12/2015 2:30:00 PM	959400.000	117.475	19.867	267.763
34983.773	38786.715	26.375	24.932	28.585
1.017	14.796			
12/12/2015 2:45:00 PM	960300.000	117.455	19.866	267.716
34961.941	38763.078	26.359	24.916	28.603
1.017	14.806			
12/12/2015 3:00:00 PM	961200.000	117.443	19.863	267.688
34938.691	38739.871	26.343	24.899	28.622
1.017	14.799			
12/12/2015 3:15:00 PM	962100.000	117.442	19.861	267.686

34949.555	38752.996	26.352	24.908	28.613
1.017	14.799			
12/12/2015 3:30:00 PM	963000.000	117.421	19.864	267.639
34940.551	38740.871	26.344	24.900	28.620
1.017	14.806			
12/12/2015 3:45:00 PM	963900.000	117.429	19.859	267.656
34955.422	38761.785	26.358	24.914	28.608
1.017	14.809			
12/12/2015 4:00:00 PM	964800.000	117.431	19.857	267.662
34945.297	38751.930	26.351	24.907	28.616
1.017	14.808			
12/12/2015 4:15:00 PM	965700.000	117.385	19.854	267.557
34952.719	38762.305	26.358	24.915	28.610
1.017	14.808			
12/12/2015 4:30:00 PM	966600.000	117.383	19.856	267.553
34919.930	38724.941	26.333	24.888	28.637
1.017	14.815			
12/12/2015 4:45:00 PM	967500.000	117.354	19.852	267.487
34933.621	38742.984	26.345	24.901	28.626
1.017	14.815			
12/12/2015 5:00:00 PM	968400.000	117.353	19.853	267.483
34947.461	38757.969	26.355	24.912	28.614
1.017	14.818			
12/12/2015 5:15:00 PM	969300.000	117.317	19.849	267.402
34955.063	38769.207	26.363	24.919	28.608
1.017	14.814			
12/12/2015 5:30:00 PM	970200.000	117.313	19.848	267.392
34929.199	38741.805	26.344	24.900	28.629
1.017	14.815			
12/12/2015 5:45:00 PM	971100.000	117.331	19.844	267.434
34912.449	38726.160	26.334	24.889	28.643
1.017	14.816			
12/12/2015 6:00:00 PM	972000.000	117.343	19.841	267.462
34924.699	38742.320	26.345	24.900	28.633
1.017	14.817			
12/12/2015 6:15:00 PM	972900.000	117.293	19.837	267.348
34958.590	38782.793	26.372	24.929	28.605
1.017	14.820			
12/12/2015 6:30:00 PM	973800.000	117.308	19.838	267.380
34953.145	38776.172	26.368	24.924	28.610
1.017	14.820			
12/12/2015 6:45:00 PM	974700.000	117.288	19.834	267.336
34949.313	38775.355	26.367	24.923	28.613
1.017	14.831			
12/12/2015 7:00:00 PM	975600.000	117.285	19.834	267.328
34961.211	38788.707	26.376	24.933	28.603
1.017	14.820			
12/12/2015 7:15:00 PM	976500.000	117.277	19.830	267.310
34955.887	38786.168	26.375	24.931	28.607
1.017	14.815			
12/12/2015 7:30:00 PM	977400.000	117.285	19.826	267.328
34962.031	38795.930	26.381	24.938	28.602
1.017	14.822			
12/12/2015 7:45:00 PM	978300.000	117.264	19.826	267.282
34937.875	38769.477	26.363	24.919	28.622
1.017	14.829			
12/12/2015 8:00:00 PM	979200.000	117.262	19.824	267.277

34930.789	38762.621	26.359	24.914	28.628
1.017	14.832			
12/12/2015 8:15:00 PM	980100.000	117.282	19.823	267.322
34942.316	38776.492	26.368	24.924	28.619
1.017	14.825			
12/12/2015 8:30:00 PM	981000.000	117.280	19.822	267.317
34953.422	38790.094	26.377	24.933	28.610
1.017	14.824			
12/12/2015 8:45:00 PM	981900.000	117.264	19.820	267.281
34965.504	38804.582	26.387	24.944	28.600
1.017	14.829			
12/12/2015 9:00:00 PM	982800.000	117.268	19.820	267.290
34963.246	38802.652	26.386	24.942	28.601
1.017	14.825			
12/12/2015 9:15:00 PM	983700.000	117.271	19.816	267.297
34950.227	38790.934	26.378	24.934	28.612
1.017	14.833			
12/12/2015 9:30:00 PM	984600.000	117.266	19.817	267.285
34973.324	38816.273	26.395	24.952	28.593
1.017	14.819			
12/12/2015 9:45:00 PM	985500.000	117.283	19.817	267.324
34955.645	38796.008	26.381	24.937	28.608
1.017	14.821			
12/12/2015 10:00:00 PM	986400.000	117.274	19.822	267.305
34961.855	38798.813	26.383	24.940	28.603
1.017	14.830			
12/12/2015 10:15:00 PM	987300.000	117.289	19.818	267.337
34941.434	38779.512	26.370	24.926	28.619
1.017	14.827			
12/12/2015 10:30:00 PM	988200.000	117.280	19.822	267.318
34972.016	38810.445	26.391	24.948	28.594
1.017	14.827			
12/12/2015 10:45:00 PM	989100.000	117.288	19.816	267.336
34952.938	38793.867	26.380	24.936	28.610
1.017	14.827			
12/12/2015 11:00:00 PM	990000.000	117.274	19.814	267.303
34937.902	38778.754	26.370	24.925	28.622
1.017	14.828			
12/12/2015 11:15:00 PM	990900.000	117.292	19.814	267.345
34991.430	38838.168	26.410	24.967	28.578
1.017	14.827			
12/12/2015 11:30:00 PM	991800.000	117.317	19.823	267.402
35000.992	38841.957	26.413	24.970	28.571
1.017	14.829			
12/12/2015 11:45:00 PM	992700.000	117.304	19.821	267.373
34978.129	38817.879	26.396	24.953	28.589
1.017	14.827			
12/13/2015 12:00:00 AM	993600.000	117.331	19.816	267.435
34976.418	38819.930	26.398	24.954	28.591
1.017	14.824			
12/13/2015 12:15:00 AM	994500.000	117.325	19.814	267.419
34967.867	38812.371	26.392	24.949	28.598
1.017	14.822			
12/13/2015 12:30:00 AM	995400.000	117.338	19.812	267.450
34960.563	38805.914	26.388	24.944	28.604
1.017	14.825			
12/13/2015 12:45:00 AM	996300.000	117.304	19.813	267.372

34936.844	38778.941	26.370	24.925	28.623
1.017	14.827			
12/13/2015 1:00:00 AM	997200.000	117.348	19.813	267.472
34942.199	38784.672	26.374	24.929	28.619
1.017	14.823			
12/13/2015 1:15:00 AM	998100.000	117.315	19.808	267.397
34973.406	38823.188	26.400	24.956	28.593
1.017	14.823			
12/13/2015 1:30:00 AM	999000.000	117.371	19.807	267.525
34948.676	38796.523	26.382	24.937	28.613
1.017	14.821			
12/13/2015 1:45:00 AM	999900.000	117.321	19.804	267.411
34967.133	38819.957	26.398	24.954	28.598
1.017	14.822			
12/13/2015 2:00:00 AM	1000800.000	117.373	19.813	267.530
34982.844	38830.066	26.404	24.962	28.585
1.017	14.816			
12/13/2015 2:15:00 AM	1001700.000	117.333	19.813	267.437
34941.891	38784.609	26.374	24.929	28.619
1.017	14.820			
12/13/2015 2:30:00 AM	1002600.000	117.383	19.809	267.551
34933.348	38778.070	26.369	24.924	28.626
1.017	14.819			
12/13/2015 2:45:00 AM	1003500.000	117.382	19.809	267.551
34977.848	38827.758	26.403	24.960	28.590
1.017	14.817			
12/13/2015 3:00:00 AM	1004400.000	117.387	19.793	267.561
34971.008	38833.023	26.406	24.963	28.595
1.017	14.815			
12/13/2015 3:15:00 AM	1005300.000	117.381	19.793	267.548
34954.453	38814.996	26.394	24.950	28.609
1.017	14.816			
12/13/2015 3:30:00 AM	1006200.000	117.384	19.790	267.554
34938.270	38799.031	26.383	24.939	28.622
1.017	14.799			
12/13/2015 3:45:00 AM	1007100.000	117.384	19.786	267.553
34955.520	38822.070	26.399	24.955	28.608
1.017	14.798			
12/13/2015 4:00:00 AM	1008000.000	117.395	19.785	267.579
34952.934	38819.691	26.397	24.953	28.610
1.017	14.803			
12/13/2015 4:15:00 AM	1008900.000	117.397	19.781	267.585
34973.168	38845.762	26.415	24.972	28.593
1.017	14.789			
12/13/2015 4:30:00 AM	1009800.000	117.407	19.775	267.607
34974.250	38851.488	26.419	24.976	28.592
1.017	14.782			
12/13/2015 4:45:00 AM	1010700.000	117.386	19.771	267.558
34994.844	38877.969	26.437	24.994	28.576
1.017	14.791			
12/13/2015 5:00:00 AM	1011600.000	117.366	19.769	267.514
34955.059	38835.422	26.408	24.964	28.608
1.017	14.786			
12/13/2015 5:15:00 AM	1012500.000	117.402	19.774	267.594
34977.141	38855.777	26.422	24.979	28.590
1.017	14.781			
12/13/2015 5:30:00 AM	1013400.000	117.389	19.770	267.566

34968.941	38849.410	26.418	24.974	28.597
1.017	14.783			
12/13/2015 5:45:00 AM	1014300.000	117.401	19.769	267.592
34961.484	38842.484	26.413	24.969	28.603
1.017	14.781			
12/13/2015 6:00:00 AM	1015200.000	117.409	19.768	267.612
34985.121	38869.105	26.431	24.988	28.584
1.017	14.776			
12/13/2015 6:15:00 AM	1016100.000	117.407	19.767	267.606
34956.586	38838.414	26.410	24.966	28.607
1.017	14.772			
12/13/2015 6:30:00 AM	1017000.000	117.413	19.772	267.619
34955.762	38833.398	26.407	24.963	28.608
1.017	14.773			
12/13/2015 6:45:00 AM	1017900.000	117.415	19.771	267.625
34948.461	38825.785	26.402	24.957	28.614
1.017	14.769			
12/13/2015 7:00:00 AM	1018800.000	117.423	19.773	267.644
34964.121	38841.609	26.412	24.968	28.601
1.017	14.776			
12/13/2015 7:15:00 AM	1019700.000	117.448	19.770	267.700
34929.457	38805.898	26.388	24.943	28.629
1.017	14.762			
12/13/2015 7:30:00 AM	1020600.000	117.428	19.767	267.654
34974.250	38857.969	26.423	24.980	28.592
1.017	14.757			
12/13/2015 7:45:00 AM	1021500.000	117.442	19.763	267.687
34974.012	38861.145	26.426	24.982	28.593
1.017	14.751			
12/13/2015 8:00:00 AM	1022400.000	117.447	19.761	267.697
34977.723	38867.141	26.430	24.986	28.590
1.017	14.747			
12/13/2015 8:15:00 AM	1023300.000	117.469	19.763	267.748
34942.227	38825.691	26.401	24.957	28.619
1.017	14.746			
12/13/2015 8:30:00 AM	1024200.000	117.460	19.759	267.727
34971.734	38862.285	26.426	24.983	28.595
1.017	14.750			
12/13/2015 8:45:00 AM	1025100.000	117.436	19.757	267.674
34985.832	38879.324	26.438	24.995	28.583
1.017	14.744			
12/13/2015 9:00:00 AM	1026000.000	117.497	19.759	267.811
34972.066	38862.012	26.426	24.982	28.594
1.017	14.731			
12/13/2015 9:15:00 AM	1026900.000	117.484	19.758	267.783
35006.520	38901.598	26.453	25.011	28.566
1.017	14.731			
12/13/2015 9:30:00 AM	1027800.000	117.499	19.762	267.816
34990.098	38879.965	26.438	24.995	28.580
1.017	14.728			
12/13/2015 9:45:00 AM	1028700.000	117.491	19.757	267.798
34945.512	38834.227	26.407	24.963	28.616
1.017	14.719			
12/13/2015 10:00:00 AM	1029600.000	117.528	19.758	267.882
34978.820	38870.668	26.432	24.989	28.589
1.017	14.713			
12/13/2015 10:15:00 AM	1030500.000	117.533	19.757	267.894

34999.996	38895.270	26.449	25.006	28.571
1.017	14.704			
12/13/2015 10:30:00 AM	1031400.000	117.521	19.756	267.866
35003.738	38900.160	26.452	25.010	28.568
1.017	14.691			
12/13/2015 10:45:00 AM	1032300.000	117.548	19.756	267.928
34948.613	38838.977	26.411	24.966	28.613
1.017	14.693			
12/13/2015 11:00:00 AM	1033200.000	117.554	19.758	267.942
34965.734	38856.273	26.422	24.978	28.599
1.017	14.728			
12/13/2015 11:15:00 AM	1034100.000	117.568	19.762	267.973
34939.586	38824.043	26.400	24.956	28.621
1.017	14.732			
12/13/2015 11:30:00 AM	1035000.000	117.560	19.761	267.955
34945.176	38830.832	26.405	24.960	28.616
1.017	14.729			
12/13/2015 11:45:00 AM	1035900.000	117.582	19.762	268.005
34951.352	38836.402	26.409	24.964	28.611
1.017	14.730			
12/13/2015 12:00:00 PM	1036800.000	117.574	19.761	267.987
34983.629	38873.777	26.434	24.991	28.585
1.017	14.732			
12/13/2015 12:15:00 PM	1037700.000	117.607	19.763	268.064
34988.230	38877.313	26.437	24.993	28.581
1.017	14.726			
12/13/2015 12:30:00 PM	1038600.000	117.592	19.765	268.029
34978.879	38864.547	26.428	24.985	28.589
1.017	14.724			
12/13/2015 12:45:00 PM	1039500.000	117.583	19.774	268.008
34969.305	38847.145	26.416	24.972	28.597
1.017	14.721			
12/13/2015 1:00:00 PM	1040400.000	117.581	19.777	268.002
34976.672	38852.246	26.420	24.976	28.590
1.017	14.728			
12/13/2015 1:15:00 PM	1041300.000	117.599	19.781	268.045
34978.906	38851.563	26.419	24.976	28.589
1.017	14.722			
12/13/2015 1:30:00 PM	1042200.000	117.605	19.790	268.059
34969.809	38834.555	26.407	24.964	28.596
1.017	14.724			
12/13/2015 1:45:00 PM	1043100.000	117.606	19.791	268.061
34991.719	38857.813	26.423	24.981	28.578
1.017	14.718			
12/13/2015 2:00:00 PM	1044000.000	117.586	19.785	268.014
34961.086	38828.465	26.403	24.959	28.603
1.017	14.728			
12/13/2015 2:15:00 PM	1044900.000	117.583	19.784	268.009
34973.730	38843.863	26.414	24.970	28.593
1.017	14.725			
12/13/2015 2:30:00 PM	1045800.000	117.589	19.786	268.023
34970.059	38837.637	26.410	24.966	28.596
1.017	14.724			
12/13/2015 2:45:00 PM	1046700.000	117.577	19.780	267.995
34989.434	38863.898	26.427	24.985	28.580
1.017	14.739			
12/13/2015 3:00:00 PM	1047600.000	117.570	19.783	267.977

34946.633	38814.641	26.394	24.950	28.615
1.017	14.734			
12/13/2015 3:15:00 PM	1048500.000	117.563	19.783	267.962
34974.617	38845.215	26.415	24.971	28.592
1.017	14.731			
12/13/2015 3:30:00 PM	1049400.000	117.556	19.784	267.947
34979.711	38850.508	26.418	24.975	28.588
1.017	14.734			
12/13/2015 3:45:00 PM	1050300.000	117.563	19.784	267.961
34948.980	38816.457	26.395	24.951	28.613
1.017	14.730			
12/13/2015 4:00:00 PM	1051200.000	117.548	19.785	267.927
34957.855	38825.309	26.401	24.957	28.606
1.017	14.737			
12/13/2015 4:15:00 PM	1052100.000	117.539	19.784	267.909
34956.512	38824.246	26.400	24.956	28.607
1.017	14.732			
12/13/2015 4:30:00 PM	1053000.000	117.527	19.786	267.881
34980.410	38849.418	26.418	24.974	28.587
1.017	14.740			
12/13/2015 4:45:00 PM	1053900.000	117.521	19.786	267.867
34943.406	38808.250	26.390	24.945	28.618
1.017	14.743			
12/13/2015 5:00:00 PM	1054800.000	117.524	19.771	267.873
34982.621	38864.250	26.428	24.984	28.586
1.017	14.747			
12/13/2015 5:15:00 PM	1055700.000	117.490	19.765	267.795
34960.625	38844.988	26.415	24.971	28.604
1.017	14.749			
12/13/2015 5:30:00 PM	1056600.000	117.492	19.764	267.801
34993.676	38882.430	26.440	24.997	28.577
1.017	14.746			
12/13/2015 5:45:00 PM	1057500.000	117.489	19.759	267.794
34942.531	38829.191	26.404	24.959	28.618
1.017	14.751			
12/13/2015 6:00:00 PM	1058400.000	117.451	19.758	267.706
34979.133	38870.941	26.432	24.989	28.588
1.017	14.747			
12/13/2015 6:15:00 PM	1059300.000	117.451	19.756	267.707
34977.004	38870.086	26.432	24.988	28.590
1.017	14.753			
12/13/2015 6:30:00 PM	1060200.000	117.446	19.757	267.695
34951.773	38841.324	26.412	24.968	28.611
1.017	14.756			
12/13/2015 6:45:00 PM	1061100.000	117.430	19.754	267.660
34960.352	38853.453	26.420	24.976	28.604
1.017	14.755			
12/13/2015 7:00:00 PM	1062000.000	117.428	19.752	267.655
34949.770	38843.051	26.413	24.969	28.612
1.017	14.754			
12/13/2015 7:15:00 PM	1062900.000	117.406	19.750	267.604
34960.305	38856.996	26.423	24.979	28.604
1.017	14.756			
12/13/2015 7:30:00 PM	1063800.000	117.410	19.749	267.613
34952.207	38848.797	26.417	24.973	28.610
1.017	14.758			
12/13/2015 7:45:00 PM	1064700.000	117.379	19.749	267.542

34910.445	38801.656	26.385	24.939	28.645
1.017	14.762			
12/13/2015 8:00:00 PM	1065600.000	117.388	19.748	267.563
34954.512	38852.141	26.419	24.975	28.609
1.017	14.755			
12/13/2015 8:15:00 PM	1066500.000	117.390	19.747	267.568
34940.762	38837.426	26.409	24.965	28.620
1.017	14.758			
12/13/2015 8:30:00 PM	1067400.000	117.380	19.749	267.544
34941.891	38837.039	26.409	24.964	28.619
1.017	14.755			
12/13/2015 8:45:00 PM	1068300.000	117.380	19.747	267.544
34911.426	38804.895	26.387	24.941	28.644
1.017	14.768			
12/13/2015 9:00:00 PM	1069200.000	117.379	19.746	267.542
34942.012	38839.469	26.411	24.966	28.619
1.017	14.769			
12/13/2015 9:15:00 PM	1070100.000	117.370	19.748	267.523
34969.242	38868.227	26.430	24.987	28.597
1.017	14.760			
12/13/2015 9:30:00 PM	1071000.000	117.382	19.747	267.549
34962.059	38860.668	26.425	24.981	28.602
1.017	14.759			
12/13/2015 9:45:00 PM	1071900.000	117.352	19.748	267.482
34957.707	38855.047	26.421	24.977	28.606
1.017	14.763			
12/13/2015 10:00:00 PM	1072800.000	117.390	19.750	267.569
34971.918	38869.398	26.431	24.987	28.594
1.017	14.763			
12/13/2015 10:15:00 PM	1073700.000	117.404	19.749	267.599
34982.309	38881.598	26.439	24.996	28.586
1.017	14.759			
12/13/2015 10:30:00 PM	1074600.000	117.358	19.750	267.494
34966.922	38863.918	26.427	24.984	28.598
1.017	14.760			
12/13/2015 10:45:00 PM	1075500.000	117.403	19.751	267.599
34966.477	38862.703	26.427	24.983	28.599
1.017	14.757			
12/13/2015 11:00:00 PM	1076400.000	117.402	19.752	267.596
34938.117	38830.531	26.405	24.960	28.622
1.017	14.759			
12/13/2015 11:15:00 PM	1077300.000	117.423	19.755	267.642
34973.172	38866.551	26.429	24.986	28.593
1.017	14.759			
12/13/2015 11:30:00 PM	1078200.000	117.424	19.754	267.646
34974.555	38869.445	26.431	24.988	28.592
1.017	14.762			
12/13/2015 11:45:00 PM	1079100.000	117.413	19.758	267.620
34956.578	38845.875	26.415	24.971	28.607
1.017	14.761			
12/14/2015 12:00:00 AM	1080000.000	117.405	19.762	267.601
34981.160	38870.316	26.432	24.988	28.587
1.017	14.760			
12/14/2015 12:15:00 AM	1080900.000	117.433	19.780	267.666
34947.641	38817.629	26.396	24.952	28.614
1.017	14.759			
12/14/2015 12:30:00 AM	1081800.000	117.435	19.789	267.672

34976.121	38842.289	26.413	24.969	28.591
1.017	14.756			
12/14/2015 12:45:00 AM	1082700.000	117.428	19.778	267.654
34968.730	38842.844	26.413	24.969	28.597
1.017	14.751			
12/14/2015 1:00:00 AM	1083600.000	117.441	19.778	267.684
34968.559	38842.730	26.413	24.969	28.597
1.017	14.758			
12/14/2015 1:15:00 AM	1084500.000	117.440	19.771	267.681
34999.621	38882.621	26.440	24.998	28.572
1.017	14.758			
12/14/2015 1:30:00 AM	1085400.000	117.455	19.771	267.716
34967.570	38847.598	26.416	24.973	28.598
1.017	14.761			
12/14/2015 1:45:00 AM	1086300.000	117.490	19.774	267.795
34948.555	38824.094	26.400	24.956	28.613
1.017	14.762			
12/14/2015 2:00:00 AM	1087200.000	117.474	19.770	267.759
34959.867	38839.758	26.411	24.967	28.604
1.017	14.764			
12/14/2015 2:15:00 AM	1088100.000	117.468	19.771	267.745
34978.887	38860.309	26.425	24.982	28.589
1.017	14.774			
12/14/2015 2:30:00 AM	1089000.000	117.489	19.771	267.794
34946.152	38823.805	26.400	24.956	28.615
1.017	14.766			
12/14/2015 2:45:00 AM	1089900.000	117.480	19.769	267.773
34986.969	38870.363	26.432	24.989	28.582
1.017	14.765			
12/14/2015 3:00:00 AM	1090800.000	117.465	19.771	267.738
34971.770	38852.043	26.419	24.976	28.594
1.017	14.763			
12/14/2015 3:15:00 AM	1091700.000	117.497	19.771	267.811
34972.898	38853.449	26.420	24.977	28.594
1.017	14.761			
12/14/2015 3:30:00 AM	1092600.000	117.493	19.771	267.803
34962.727	38842.148	26.413	24.969	28.602
1.017	14.764			
12/14/2015 3:45:00 AM	1093500.000	117.504	19.768	267.829
35001.070	38886.754	26.443	25.000	28.571
1.017	14.767			
12/14/2015 4:00:00 AM	1094400.000	117.493	19.768	267.802
34997.297	38882.563	26.440	24.997	28.574
1.017	14.769			
12/14/2015 4:15:00 AM	1095300.000	117.509	19.769	267.840
34985.063	38868.680	26.431	24.988	28.584
1.017	14.766			
12/14/2015 4:30:00 AM	1096200.000	117.497	19.769	267.812
34994.410	38879.211	26.438	24.995	28.576
1.017	14.764			
12/14/2015 4:45:00 AM	1097100.000	117.504	19.772	267.827
34955.090	38833.012	26.406	24.962	28.608
1.017	14.765			
12/14/2015 5:00:00 AM	1098000.000	117.503	19.774	267.825
34990.602	38870.801	26.432	24.989	28.579
1.017	14.764			
12/14/2015 5:15:00 AM	1098900.000	117.505	19.774	267.829

34962.938	38840.070	26.411	24.967	28.602
1.017	14.769			
12/14/2015 5:30:00 AM	1099800.000	117.504	19.773	267.828
34973.027	38851.504	26.419	24.975	28.593
1.017	14.771			
12/14/2015 5:45:00 AM	1100700.000	117.509	19.775	267.840
34981.301	38859.398	26.424	24.981	28.587
1.017	14.771			
12/14/2015 6:00:00 AM	1101600.000	117.499	19.774	267.816
34980.309	38858.801	26.424	24.981	28.588
1.017	14.775			
12/14/2015 6:15:00 AM	1102500.000	117.503	19.773	267.826
34988.488	38869.039	26.431	24.988	28.581
1.017	14.776			
12/14/2015 6:30:00 AM	1103400.000	117.524	19.772	267.874
34968.164	38846.887	26.416	24.972	28.597
1.017	14.769			
12/14/2015 6:45:00 AM	1104300.000	117.515	19.775	267.852
34998.684	38878.707	26.438	24.995	28.573
1.017	14.776			
12/14/2015 7:00:00 AM	1105200.000	117.514	19.775	267.850
34962.844	38839.180	26.411	24.967	28.602
1.017	14.780			
12/14/2015 7:15:00 AM	1106100.000	117.510	19.777	267.842
34984.129	38861.031	26.426	24.982	28.584
1.017	14.781			
12/14/2015 7:30:00 AM	1107000.000	117.524	19.777	267.874
34951.348	38824.828	26.401	24.957	28.611
1.017	14.781			
12/14/2015 7:45:00 AM	1107900.000	117.522	19.779	267.870
34988.641	38864.387	26.428	24.985	28.581
1.017	14.778			
12/14/2015 8:00:00 AM	1108800.000	117.532	19.779	267.891
34977.715	38852.184	26.419	24.976	28.590
1.017	14.783			
12/14/2015 8:15:00 AM	1109700.000	117.519	19.778	267.862
34973.898	38848.508	26.417	24.974	28.593
1.017	14.783			
12/14/2015 8:30:00 AM	1110600.000	117.537	19.777	267.903
34963.609	38837.879	26.410	24.966	28.601
1.017	14.783			
12/14/2015 8:45:00 AM	1111500.000	117.528	19.776	267.883
35002.473	38882.340	26.440	24.998	28.569
1.017	14.789			
12/14/2015 9:00:00 AM	1112400.000	117.547	19.775	267.925
34960.715	38836.887	26.409	24.965	28.604
1.017	14.786			
12/14/2015 9:15:00 AM	1113300.000	117.528	19.773	267.883
35012.328	38895.590	26.449	25.007	28.561
1.017	14.795			
12/14/2015 9:30:00 AM	1114200.000	117.537	19.774	267.902
34982.926	38862.203	26.426	24.983	28.585
1.017	14.793			
12/14/2015 9:45:00 AM	1115100.000	117.551	19.773	267.936
34986.680	38866.602	26.429	24.986	28.582
1.017	14.801			
12/14/2015 10:00:00 AM	1116000.000	117.545	19.773	267.921

34969.629	38848.227	26.417	24.973	28.596
1.017	14.799			
12/14/2015 10:15:00 AM	1116900.000	117.564	19.772	267.965
34983.563	38864.063	26.428	24.984	28.585
1.017	14.793			
12/14/2015 10:30:00 AM	1117800.000	117.549	19.772	267.931
34971.727	38851.348	26.419	24.975	28.595
1.017	14.798			
12/14/2015 10:45:00 AM	1118700.000	117.571	19.771	267.980
34982.266	38863.418	26.427	24.984	28.586
1.017	14.800			
12/14/2015 11:00:00 AM	1119600.000	117.554	19.772	267.941
34959.500	38837.406	26.409	24.965	28.605
1.017	14.793			
12/14/2015 11:15:00 AM	1120500.000	117.583	19.771	268.009
35007.297	38891.801	26.446	25.004	28.565
1.017	14.791			
12/14/2015 11:30:00 AM	1121400.000	117.590	19.772	268.025
34959.195	38837.066	26.409	24.965	28.605
1.017	14.794			
12/14/2015 11:45:00 AM	1122300.000	117.565	19.769	267.967
34997.629	38882.434	26.440	24.997	28.573
1.017	14.790			
12/14/2015 12:00:00 PM	1123200.000	117.603	19.771	268.054
34967.957	38848.242	26.417	24.973	28.598
1.017	14.785			
12/14/2015 12:15:00 PM	1124100.000	117.579	19.770	268.000
35006.887	38891.848	26.446	25.004	28.566
1.017	14.786			
12/14/2015 12:30:00 PM	1125000.000	117.631	19.770	268.117
34987.590	38870.266	26.432	24.989	28.582
1.017	14.779			
12/14/2015 12:45:00 PM	1125900.000	117.624	19.771	268.101
34969.238	38848.945	26.417	24.974	28.597
1.017	14.776			
12/14/2015 1:00:00 PM	1126800.000	117.631	19.770	268.118
34980.328	38862.488	26.426	24.983	28.587
1.017	14.774			
12/14/2015 1:15:00 PM	1127700.000	117.631	19.771	268.117
34997.848	38880.652	26.439	24.996	28.573
1.017	14.782			
12/14/2015 1:30:00 PM	1128600.000	117.585	19.772	268.012
34980.070	38860.406	26.425	24.982	28.588
1.017	14.786			
12/14/2015 1:45:00 PM	1129500.000	117.632	19.772	268.119
34965.891	38844.652	26.414	24.971	28.599
1.017	14.777			
12/14/2015 2:00:00 PM	1130400.000	117.636	19.772	268.128
34982.750	38863.449	26.427	24.984	28.586
1.017	14.776			
12/14/2015 2:15:00 PM	1131300.000	117.601	19.773	268.048
34996.977	38878.824	26.438	24.995	28.574
1.017	14.782			
12/14/2015 2:30:00 PM	1132200.000	117.623	19.773	268.099
34979.691	38859.406	26.424	24.981	28.588
1.017	14.777			
12/14/2015 2:45:00 PM	1133100.000	117.627	19.774	268.109

35013.004	38895.051	26.449	25.007	28.561
1.017	14.786			
12/14/2015 3:00:00 PM	1134000.000	117.623	19.772	268.099
34990.254	38871.496	26.433	24.990	28.579
1.017	14.782			
12/14/2015 3:15:00 PM	1134900.000	117.629	19.774	268.112
35002.527	38883.840	26.441	24.999	28.569
1.017	14.782			
12/14/2015 3:30:00 PM	1135800.000	117.614	19.777	268.080
34992.082	38869.508	26.431	24.988	28.578
1.017	14.777			
12/14/2015 3:45:00 PM	1136700.000	117.616	19.780	268.084
35012.004	38889.258	26.445	25.003	28.562
1.017	14.778			
12/14/2015 4:00:00 PM	1137600.000	117.602	19.785	268.050
34998.102	38869.934	26.432	24.989	28.573
1.017	14.777			
12/14/2015 4:15:00 PM	1138500.000	117.595	19.799	268.036
34946.941	38801.773	26.385	24.941	28.615
1.017	14.780			
12/14/2015 4:30:00 PM	1139400.000	117.560	19.801	267.956
34950.863	38804.480	26.387	24.943	28.612
1.017	14.786			
12/14/2015 4:45:00 PM	1140300.000	117.547	19.805	267.926
34965.805	38817.828	26.396	24.953	28.599
1.017	14.789			
12/14/2015 5:00:00 PM	1141200.000	117.581	19.803	268.004
34979.297	38833.887	26.407	24.964	28.588
1.017	14.778			
12/14/2015 5:15:00 PM	1142100.000	117.563	19.798	267.963
34985.129	38844.527	26.414	24.971	28.584
1.017	14.784			
12/14/2015 5:30:00 PM	1143000.000	117.516	19.798	267.855
34973.867	38832.453	26.406	24.963	28.593
1.017	14.790			
12/14/2015 5:45:00 PM	1143900.000	117.528	19.799	267.883
34974.199	38831.898	26.406	24.962	28.593
1.017	14.783			
12/14/2015 6:00:00 PM	1144800.000	117.539	19.802	267.908
34950.285	38802.469	26.386	24.942	28.612
1.017	14.777			
12/14/2015 6:15:00 PM	1145700.000	117.520	19.804	267.865
34981.039	38835.535	26.408	24.965	28.587
1.017	14.788			
12/14/2015 6:30:00 PM	1146600.000	117.506	19.803	267.832
34976.020	38830.035	26.404	24.961	28.591
1.017	14.788			
12/14/2015 6:45:00 PM	1147500.000	117.492	19.807	267.802
34975.359	38826.789	26.402	24.959	28.592
1.017	14.786			
12/14/2015 7:00:00 PM	1148400.000	117.504	19.808	267.829
34971.938	38821.621	26.399	24.955	28.594
1.017	14.784			
12/14/2015 7:15:00 PM	1149300.000	117.497	19.810	267.812
34964.770	38812.023	26.392	24.949	28.600
1.017	14.795			
12/14/2015 7:30:00 PM	1150200.000	117.478	19.813	267.770

34935.871	38777.648	26.369	24.924	28.624
1.017	14.792			
12/14/2015 7:45:00 PM	1151100.000	117.472	19.822	267.755
34985.836	38825.426	26.401	24.959	28.583
1.017	14.795			
12/14/2015 8:00:00 PM	1152000.000	117.467	19.824	267.743
34970.438	38806.688	26.389	24.945	28.596
1.017	14.788			
12/14/2015 8:15:00 PM	1152900.000	117.449	19.821	267.704
34959.867	38797.754	26.382	24.939	28.604
1.017	14.791			
12/14/2015 8:30:00 PM	1153800.000	117.451	19.820	267.708
34973.926	38814.508	26.394	24.951	28.593
1.017	14.790			
12/14/2015 8:45:00 PM	1154700.000	117.437	19.822	267.676
34952.813	38788.703	26.376	24.932	28.610
1.017	14.792			
12/14/2015 9:00:00 PM	1155600.000	117.432	19.822	267.664
34960.715	38797.691	26.382	24.939	28.604
1.017	14.788			
12/14/2015 9:15:00 PM	1156500.000	117.437	19.827	267.676
34947.887	38779.297	26.370	24.926	28.614
1.017	14.783			
12/14/2015 9:30:00 PM	1157400.000	117.432	19.830	267.664
34960.566	38791.430	26.378	24.935	28.604
1.017	14.783			
12/14/2015 9:45:00 PM	1158300.000	117.435	19.831	267.671
34932.961	38759.586	26.357	24.912	28.626
1.017	14.783			
12/14/2015 10:00:00 PM	1159200.000	117.431	19.830	267.662
34969.672	38801.465	26.385	24.942	28.596
1.017	14.784			
12/14/2015 10:15:00 PM	1160100.000	117.426	19.830	267.650
34990.648	38824.656	26.401	24.958	28.579
1.017	14.784			
12/14/2015 10:30:00 PM	1161000.000	117.428	19.828	267.656
35011.348	38849.430	26.418	24.976	28.562
1.017	14.780			
12/14/2015 10:45:00 PM	1161900.000	117.439	19.829	267.680
34994.484	38829.207	26.404	24.961	28.576
1.017	14.781			
12/14/2015 11:00:00 PM	1162800.000	117.420	19.829	267.637
35003.387	38839.016	26.411	24.968	28.569
1.017	14.781			
12/14/2015 11:15:00 PM	1163700.000	117.425	19.828	267.647
34972.723	38806.355	26.388	24.945	28.594
1.017	14.785			
12/14/2015 11:30:00 PM	1164600.000	117.442	19.827	267.688
34980.840	38815.719	26.395	24.952	28.587
1.017	14.777			
12/14/2015 11:45:00 PM	1165500.000	117.443	19.827	267.689
34993.156	38830.027	26.404	24.962	28.577
1.017	14.780			
12/15/2015 12:00:00 AM	1166400.000	117.463	19.826	267.735
34988.387	38825.176	26.401	24.958	28.581
1.017	14.776			
12/15/2015 12:15:00 AM	1167300.000	117.479	19.824	267.772

34971.695	38808.508	26.390	24.947	28.595
1.017	14.773			
12/15/2015 12:30:00 AM	1168200.000	117.470	19.824	267.750
34959.621	38795.180	26.381	24.937	28.604
1.017	14.777			
12/15/2015 12:45:00 AM	1169100.000	117.450	19.824	267.705
34996.223	38835.441	26.408	24.966	28.575
1.017	14.773			
12/15/2015 1:00:00 AM	1170000.000	117.480	19.822	267.773
34977.027	38816.078	26.395	24.952	28.590
1.017	14.775			
12/15/2015 1:15:00 AM	1170900.000	117.490	19.822	267.795
34989.711	38830.230	26.405	24.962	28.580
1.017	14.773			
12/15/2015 1:30:00 AM	1171800.000	117.487	19.823	267.789
35001.863	38842.922	26.413	24.971	28.570
1.017	14.776			
12/15/2015 1:45:00 AM	1172700.000	117.508	19.824	267.837
34977.133	38814.473	26.394	24.951	28.590
1.017	14.775			
12/15/2015 2:00:00 AM	1173600.000	117.509	19.825	267.840
34982.219	38819.336	26.397	24.954	28.586
1.017	14.771			
12/15/2015 2:15:00 AM	1174500.000	117.506	19.831	267.832
34995.586	38828.848	26.404	24.961	28.575
1.017	14.775			
12/15/2015 2:30:00 AM	1175400.000	117.513	19.832	267.848
34984.344	38816.020	26.395	24.952	28.584
1.017	14.779			
12/15/2015 2:45:00 AM	1176300.000	117.514	19.831	267.850
34977.297	38808.922	26.390	24.947	28.590
1.017	14.780			
12/15/2015 3:00:00 AM	1177200.000	117.512	19.828	267.846
34987.129	38822.340	26.399	24.957	28.582
1.017	14.782			
12/15/2015 3:15:00 AM	1178100.000	117.528	19.830	267.883
34998.121	38832.668	26.406	24.964	28.573
1.017	14.783			
12/15/2015 3:30:00 AM	1179000.000	117.536	19.829	267.900
34967.652	38799.504	26.384	24.940	28.598
1.017	14.782			
12/15/2015 3:45:00 AM	1179900.000	117.534	19.829	267.897
34978.375	38811.266	26.392	24.949	28.589
1.017	14.789			
12/15/2015 4:00:00 AM	1180800.000	117.544	19.834	267.918
35011.660	38844.168	26.414	24.972	28.562
1.017	14.780			
12/15/2015 4:15:00 AM	1181700.000	117.533	19.826	267.893
34980.055	38815.715	26.395	24.952	28.588
1.017	14.791			
12/15/2015 4:30:00 AM	1182600.000	117.549	19.825	267.930
34961.113	38795.406	26.381	24.937	28.603
1.017	14.786			
12/15/2015 4:45:00 AM	1183500.000	117.540	19.824	267.911
34985.664	38823.941	26.400	24.958	28.583
1.017	14.792			
12/15/2015 5:00:00 AM	1184400.000	117.547	19.823	267.926

34993.637	38833.871	26.407	24.965	28.577
1.017	14.788			
12/15/2015 5:15:00 AM	1185300.000	117.555	19.824	267.943
35006.543	38846.891	26.416	24.974	28.566
1.017	14.790			
12/15/2015 5:30:00 AM	1186200.000	117.545	19.824	267.922
34980.137	38817.664	26.396	24.953	28.588
1.017	14.790			
12/15/2015 5:45:00 AM	1187100.000	117.531	19.823	267.890
34958.895	38794.891	26.381	24.937	28.605
1.017	14.787			
12/15/2015 6:00:00 AM	1188000.000	117.549	19.823	267.931
34948.887	38783.488	26.373	24.929	28.613
1.017	14.798			
12/15/2015 6:15:00 AM	1188900.000	117.551	19.825	267.935
34989.500	38827.336	26.403	24.960	28.580
1.017	14.797			
12/15/2015 6:30:00 AM	1189800.000	117.514	19.823	267.852
35001.547	38841.926	26.413	24.970	28.570
1.017	14.800			
12/15/2015 6:45:00 AM	1190700.000	117.527	19.824	267.880
34960.473	38796.055	26.381	24.938	28.604
1.017	14.791			
12/15/2015 7:00:00 AM	1191600.000	117.553	19.820	267.939
34987.949	38829.348	26.404	24.961	28.581
1.017	14.803			
12/15/2015 7:15:00 AM	1192500.000	117.527	19.813	267.881
35003.703	38853.012	26.420	24.978	28.568
1.017	14.800			
12/15/2015 7:30:00 AM	1193400.000	117.548	19.807	267.929
35000.266	38854.219	26.421	24.979	28.571
1.017	14.799			
12/15/2015 7:45:00 AM	1194300.000	117.565	19.799	267.967
34997.008	38857.359	26.423	24.980	28.574
1.017	14.803			
12/15/2015 8:00:00 AM	1195200.000	117.532	19.792	267.893
34970.828	38833.535	26.407	24.963	28.595
1.017	14.806			
12/15/2015 8:15:00 AM	1196100.000	117.543	19.786	267.918
35004.559	38876.395	26.436	24.994	28.568
1.017	14.804			
12/15/2015 8:30:00 AM	1197000.000	117.577	19.780	267.993
34986.445	38860.578	26.425	24.982	28.582
1.017	14.805			
12/15/2015 8:45:00 AM	1197900.000	117.533	19.774	267.895
35004.828	38886.105	26.443	25.000	28.567
1.017	14.813			
12/15/2015 9:00:00 AM	1198800.000	117.570	19.769	267.977
34979.012	38862.102	26.426	24.983	28.589
1.017	14.810			
12/15/2015 9:15:00 AM	1199700.000	117.563	19.764	267.964
34995.020	38883.273	26.441	24.998	28.575
1.017	14.812			
12/15/2015 9:30:00 AM	1200600.000	117.560	19.761	267.955
35002.973	38894.914	26.449	25.006	28.569
1.017	14.819			
12/15/2015 9:45:00 AM	1201500.000	117.567	19.755	267.971

34982.348	38876.672	26.436	24.993	28.586
1.017	14.813			
12/15/2015 10:00:00 AM	1202400.000	117.576	19.751	267.992
35016.484	38918.574	26.465	25.022	28.558
1.017	14.815			
12/15/2015 10:15:00 AM	1203300.000	117.582	19.746	268.005
35004.668	38909.543	26.458	25.016	28.568
1.017	14.808			
12/15/2015 10:30:00 AM	1204200.000	117.580	19.743	268.002
35005.230	38911.969	26.460	25.018	28.567
1.017	14.816			
12/15/2015 10:45:00 AM	1205100.000	117.600	19.741	268.046
34979.891	38885.965	26.442	24.999	28.588
1.017	14.805			
12/15/2015 11:00:00 AM	1206000.000	117.594	19.736	268.033
35019.527	38934.063	26.475	25.033	28.555
1.017	14.815			
12/15/2015 11:15:00 AM	1206900.000	117.595	19.735	268.035
35025.711	38941.801	26.480	25.038	28.550
1.017	14.809			
12/15/2015 11:30:00 AM	1207800.000	117.614	19.735	268.079
34996.180	38909.113	26.458	25.015	28.575
1.017	14.807			
12/15/2015 11:45:00 AM	1208700.000	117.619	19.735	268.091
35016.020	38931.172	26.473	25.031	28.558
1.017	14.802			
12/15/2015 12:00:00 PM	1209600.000	117.621	19.732	268.094
35014.840	38931.883	26.474	25.031	28.559
1.017	14.796			
12/15/2015 12:15:00 PM	1210500.000	117.644	19.730	268.147
35003.246	38921.227	26.466	25.024	28.569
1.017	14.799			
12/15/2015 12:30:00 PM	1211400.000	117.602	19.726	268.052
35012.301	38934.109	26.475	25.033	28.561
1.017	14.802			
12/15/2015 12:45:00 PM	1212300.000	117.638	19.723	268.132
35013.426	38938.027	26.478	25.035	28.560
1.017	14.801			
12/15/2015 1:00:00 PM	1213200.000	117.650	19.721	268.161
35003.789	38928.680	26.472	25.029	28.568
1.017	14.798			
12/15/2015 1:15:00 PM	1214100.000	117.665	19.719	268.194
35014.699	38942.832	26.481	25.039	28.559
1.017	14.791			
12/15/2015 1:30:00 PM	1215000.000	117.646	19.716	268.152
34977.809	38904.402	26.455	25.011	28.590
1.017	14.796			
12/15/2015 1:45:00 PM	1215900.000	117.625	19.720	268.105
35018.105	38945.973	26.483	25.041	28.557
1.017	14.793			
12/15/2015 2:00:00 PM	1216800.000	117.636	19.717	268.130
35002.320	38930.293	26.473	25.030	28.570
1.017	14.791			
12/15/2015 2:15:00 PM	1217700.000	117.663	19.716	268.190
35019.781	38951.086	26.487	25.044	28.555
1.017	14.795			
12/15/2015 2:30:00 PM	1218600.000	117.635	19.713	268.127

35032.227	38966.875	26.497	25.056	28.545
1.017	14.786			
12/15/2015 2:45:00 PM	1219500.000	117.654	19.709	268.169
34982.879	38915.586	26.463	25.019	28.585
1.017	14.789			
12/15/2015 3:00:00 PM	1220400.000	117.662	19.708	268.187
34947.395	38877.340	26.437	24.992	28.614
1.017	14.792			
12/15/2015 3:15:00 PM	1221300.000	117.655	19.705	268.172
34988.039	38924.938	26.469	25.025	28.581
1.017	14.795			
12/15/2015 3:30:00 PM	1222200.000	117.655	19.705	268.172
35005.328	38944.102	26.482	25.039	28.567
1.017	14.793			
12/15/2015 3:45:00 PM	1223100.000	117.651	19.703	268.162
35004.254	38944.203	26.482	25.039	28.568
1.017	14.792			
12/15/2015 4:00:00 PM	1224000.000	117.651	19.700	268.164
34984.660	38924.926	26.469	25.025	28.584
1.017	14.797			
12/15/2015 4:15:00 PM	1224900.000	117.647	19.700	268.153
35006.633	38949.660	26.486	25.043	28.566
1.017	14.789			
12/15/2015 4:30:00 PM	1225800.000	117.638	19.698	268.132
34985.008	38926.688	26.470	25.026	28.584
1.017	14.803			
12/15/2015 4:45:00 PM	1226700.000	117.633	19.696	268.122
34980.371	38923.543	26.468	25.024	28.587
1.017	14.796			
12/15/2015 5:00:00 PM	1227600.000	117.631	19.696	268.117
34992.945	38937.824	26.478	25.034	28.577
1.017	14.796			
12/15/2015 5:15:00 PM	1228500.000	117.611	19.693	268.072
34970.785	38915.688	26.463	25.018	28.595
1.017	14.802			
12/15/2015 5:30:00 PM	1229400.000	117.610	19.693	268.070
35009.273	38958.383	26.492	25.049	28.564
1.017	14.806			
12/15/2015 5:45:00 PM	1230300.000	117.602	19.690	268.052
34991.215	38940.305	26.479	25.036	28.579
1.017	14.807			
12/15/2015 6:00:00 PM	1231200.000	117.593	19.691	268.031
35014.996	38966.410	26.497	25.055	28.559
1.017	14.820			
12/15/2015 6:15:00 PM	1232100.000	117.593	19.689	268.030
34989.102	38938.957	26.478	25.035	28.580
1.017	14.812			
12/15/2015 6:30:00 PM	1233000.000	117.580	19.690	268.000
34983.625	38931.930	26.474	25.030	28.585
1.017	14.810			
12/15/2015 6:45:00 PM	1233900.000	117.562	19.689	267.959
34979.098	38928.113	26.471	25.027	28.589
1.017	14.812			
12/15/2015 7:00:00 PM	1234800.000	117.570	19.686	267.978
34977.285	38928.332	26.471	25.027	28.590
1.017	14.814			
12/15/2015 7:15:00 PM	1235700.000	117.547	19.685	267.925

35002.863	38957.887	26.491	25.048	28.569
1.017	14.821			
12/15/2015 7:30:00 PM	1236600.000	117.526	19.683	267.879
35004.473	38961.410	26.494	25.051	28.568
1.017	14.821			
12/15/2015 7:45:00 PM	1237500.000	117.499	19.682	267.816
34976.637	38930.938	26.473	25.029	28.591
1.017	14.820			
12/15/2015 8:00:00 PM	1238400.000	117.527	19.681	267.880
34945.512	38897.594	26.450	25.005	28.616
1.017	14.816			
12/15/2015 8:15:00 PM	1239300.000	117.506	19.681	267.833
34958.652	38911.930	26.460	25.015	28.605
1.017	14.825			
12/15/2015 8:30:00 PM	1240200.000	117.509	19.679	267.840
34966.922	38922.508	26.467	25.023	28.598
1.017	14.826			
12/15/2015 8:45:00 PM	1241100.000	117.495	19.679	267.808
34982.293	38940.043	26.479	25.035	28.586
1.017	14.834			
12/15/2015 9:00:00 PM	1242000.000	117.488	19.677	267.792
34964.711	38921.559	26.467	25.022	28.600
1.017	14.828			
12/15/2015 9:15:00 PM	1242900.000	117.498	19.675	267.814
34982.293	38943.297	26.481	25.038	28.586
1.017	14.829			
12/15/2015 9:30:00 PM	1243800.000	117.485	19.675	267.784
34953.723	38911.125	26.460	25.015	28.609
1.017	14.829			
12/15/2015 9:45:00 PM	1244700.000	117.434	19.674	267.669
34988.223	38950.910	26.487	25.043	28.581
1.017	14.828			
12/15/2015 10:00:00 PM	1245600.000	117.469	19.673	267.749
34957.555	38917.488	26.464	25.019	28.606
1.017	14.834			
12/15/2015 10:15:00 PM	1246500.000	117.481	19.673	267.775
35008.043	38973.766	26.502	25.059	28.565
1.017	14.836			
12/15/2015 10:30:00 PM	1247400.000	117.476	19.671	267.764
34995.254	38960.684	26.493	25.050	28.575
1.017	14.835			
12/15/2015 10:45:00 PM	1248300.000	117.481	19.671	267.776
34994.094	38959.469	26.492	25.049	28.576
1.017	14.836			
12/15/2015 11:00:00 PM	1249200.000	117.464	19.669	267.737
34950.559	38912.805	26.461	25.016	28.612
1.017	14.835			
12/15/2015 11:15:00 PM	1250100.000	117.462	19.669	267.733
35028.590	38999.531	26.520	25.077	28.548
1.017	14.836			
12/15/2015 11:30:00 PM	1251000.000	117.469	19.668	267.747
34990.230	38957.695	26.491	25.048	28.579
1.017	14.833			
12/15/2015 11:45:00 PM	1251900.000	117.459	19.667	267.726
35004.578	38974.820	26.503	25.060	28.568
1.017	14.834			
12/16/2015 12:00:00 AM	1252800.000	117.473	19.666	267.758

34982.465	38951.148	26.487	25.043	28.586
1.017	14.840			
12/16/2015 12:15:00 AM	1253700.000	117.483	19.665	267.779
34967.402	38935.168	26.476	25.031	28.598
1.017	14.835			
12/16/2015 12:30:00 AM	1254600.000	117.482	19.663	267.778
34988.875	38960.516	26.493	25.049	28.581
1.017	14.832			
12/16/2015 12:45:00 AM	1255500.000	117.483	19.663	267.781
34989.422	38960.766	26.493	25.050	28.580
1.017	14.834			
12/16/2015 1:00:00 AM	1256400.000	117.503	19.663	267.826
35008.207	38981.973	26.508	25.065	28.565
1.017	14.832			
12/16/2015 1:15:00 AM	1257300.000	117.497	19.662	267.811
35003.676	38977.648	26.505	25.062	28.568
1.017	14.833			
12/16/2015 1:30:00 AM	1258200.000	117.486	19.661	267.788
35016.660	38992.613	26.515	25.072	28.558
1.017	14.832			
12/16/2015 1:45:00 AM	1259100.000	117.519	19.661	267.863
35005.703	38981.137	26.507	25.064	28.567
1.017	14.833			
12/16/2015 2:00:00 AM	1260000.000	117.494	19.660	267.804
34981.668	38955.023	26.489	25.045	28.586
1.017	14.834			
12/16/2015 2:15:00 AM	1260900.000	117.539	19.660	267.908
35020.441	38998.418	26.519	25.076	28.555
1.017	14.836			
12/16/2015 2:30:00 AM	1261800.000	117.537	19.660	267.902
34999.375	38974.820	26.503	25.059	28.572
1.017	14.839			
12/16/2015 2:45:00 AM	1262700.000	117.529	19.657	267.886
35008.680	38987.559	26.512	25.068	28.564
1.017	14.840			
12/16/2015 3:00:00 AM	1263600.000	117.556	19.656	267.947
34999.039	38977.547	26.505	25.061	28.572
1.017	14.838			
12/16/2015 3:15:00 AM	1264500.000	117.550	19.657	267.934
35010.621	38989.938	26.513	25.070	28.563
1.017	14.840			
12/16/2015 3:30:00 AM	1265400.000	117.561	19.654	267.957
35021.180	39003.582	26.522	25.080	28.554
1.017	14.839			
12/16/2015 3:45:00 AM	1266300.000	117.570	19.654	267.978
35001.012	38981.266	26.507	25.064	28.571
1.017	14.839			
12/16/2015 4:00:00 AM	1267200.000	117.582	19.652	268.007
34989.270	38969.773	26.499	25.056	28.580
1.017	14.838			
12/16/2015 4:15:00 AM	1268100.000	117.585	19.653	268.013
35012.434	38995.070	26.517	25.074	28.561
1.017	14.841			
12/16/2015 4:30:00 AM	1269000.000	117.584	19.650	268.010
35013.848	38998.809	26.519	25.076	28.560
1.017	14.837			
12/16/2015 4:45:00 AM	1269900.000	117.593	19.650	268.031

35003.867	38987.988	26.512	25.068	28.568
1.017	14.834			
12/16/2015 5:00:00 AM	1270800.000	117.594	19.651	268.033
34992.598	38974.563	26.503	25.059	28.577
1.017	14.833			
12/16/2015 5:15:00 AM	1271700.000	117.606	19.651	268.061
35025.371	39011.355	26.528	25.085	28.551
1.017	14.832			
12/16/2015 5:30:00 AM	1272600.000	117.607	19.649	268.063
35013.070	38998.824	26.519	25.076	28.561
1.017	14.831			
12/16/2015 5:45:00 AM	1273500.000	117.604	19.647	268.056
35007.418	38994.621	26.516	25.073	28.565
1.017	14.839			
12/16/2015 6:00:00 AM	1274400.000	117.606	19.646	268.061
34992.906	38978.957	26.506	25.062	28.577
1.017	14.834			
12/16/2015 6:15:00 AM	1275300.000	117.606	19.646	268.061
34990.805	38976.691	26.504	25.060	28.579
1.017	14.836			
12/16/2015 6:30:00 AM	1276200.000	117.588	19.647	268.019
35015.961	39003.484	26.522	25.079	28.558
1.017	14.840			
12/16/2015 6:45:00 AM	1277100.000	117.611	19.647	268.073
35015.168	39002.824	26.522	25.079	28.559
1.017	14.831			
12/16/2015 7:00:00 AM	1278000.000	117.598	19.646	268.041
35034.570	39025.590	26.537	25.095	28.543
1.017	14.831			
12/16/2015 7:15:00 AM	1278900.000	117.605	19.645	268.057
34977.371	38962.520	26.495	25.050	28.590
1.017	14.835			
12/16/2015 7:30:00 AM	1279800.000	117.599	19.645	268.044
35009.473	38998.355	26.519	25.076	28.564
1.017	14.841			
12/16/2015 7:45:00 AM	1280700.000	117.609	19.644	268.066
35000.438	38989.238	26.513	25.069	28.571
1.017	14.839			
12/16/2015 8:00:00 AM	1281600.000	117.607	19.643	268.062
34998.180	38987.301	26.511	25.068	28.573
1.017	14.841			
12/16/2015 8:15:00 AM	1282500.000	117.579	19.643	267.998
35007.184	38997.254	26.518	25.075	28.566
1.017	14.840			
12/16/2015 8:30:00 AM	1283400.000	117.573	19.644	267.986
35046.543	39040.516	26.548	25.106	28.533
1.017	14.845			
12/16/2015 8:45:00 AM	1284300.000	117.602	19.642	268.051
34996.141	38986.043	26.511	25.067	28.575
1.017	14.846			
12/16/2015 9:00:00 AM	1285200.000	117.576	19.640	267.992
34995.355	38986.395	26.511	25.067	28.575
1.017	14.849			
12/16/2015 9:15:00 AM	1286100.000	117.599	19.635	268.043
34991.758	38986.438	26.511	25.067	28.578
1.017	14.858			
12/16/2015 9:30:00 AM	1287000.000	117.611	19.639	268.071

35026.633	39022.176	26.535	25.092	28.550
1.017	14.855			
12/16/2015 9:45:00 AM	1287900.000	117.607	19.650	268.061
35024.590	39011.070	26.528	25.085	28.551
1.017	14.858			
12/16/2015 10:00:00 AM	1288800.000	117.616	19.654	268.083
35006.137	38987.336	26.511	25.068	28.566
1.017	14.854			
12/16/2015 10:15:00 AM	1289700.000	117.620	19.657	268.093
35016.691	38996.336	26.518	25.075	28.558
1.017	14.855			
12/16/2015 10:30:00 AM	1290600.000	117.625	19.659	268.103
35033.426	39013.598	26.529	25.087	28.544
1.017	14.851			
12/16/2015 10:45:00 AM	1291500.000	117.615	19.662	268.081
34998.223	38971.355	26.501	25.057	28.573
1.017	14.854			
12/16/2015 11:00:00 AM	1292400.000	117.635	19.663	268.126
34982.805	38953.617	26.488	25.044	28.585
1.017	14.840			
12/16/2015 11:15:00 AM	1293300.000	117.640	19.663	268.138
34983.793	38955.008	26.489	25.045	28.585
1.017	14.840			
12/16/2015 11:30:00 AM	1294200.000	117.629	19.663	268.114
34995.590	38967.707	26.498	25.055	28.575
1.017	14.839			
12/16/2015 11:45:00 AM	1295100.000	117.638	19.662	268.133
35017.203	38992.852	26.515	25.072	28.557
1.017	14.841			
12/16/2015 12:00:00 PM	1296000.000	117.649	19.661	268.159
35010.734	38986.012	26.510	25.067	28.563
1.017	14.835			
12/16/2015 12:15:00 PM	1296900.000	117.656	19.661	268.173
35016.547	38992.770	26.515	25.072	28.558
1.017	14.834			
12/16/2015 12:30:00 PM	1297800.000	117.670	19.660	268.207
35019.512	38996.594	26.518	25.075	28.556
1.017	14.829			
12/16/2015 12:45:00 PM	1298700.000	117.661	19.660	268.185
35005.555	38981.773	26.508	25.064	28.567
1.017	14.829			
12/16/2015 1:00:00 PM	1299600.000	117.663	19.660	268.189
35024.293	39002.133	26.521	25.079	28.552
1.017	14.827			
12/16/2015 1:15:00 PM	1300500.000	117.666	19.661	268.196
35013.172	38989.375	26.513	25.070	28.561
1.017	14.826			
12/16/2015 1:30:00 PM	1301400.000	117.663	19.660	268.190
34989.133	38963.336	26.495	25.051	28.580
1.017	14.821			
12/16/2015 1:45:00 PM	1302300.000	117.668	19.658	268.201
35026.379	39006.617	26.525	25.082	28.550
1.017	14.831			
12/16/2015 2:00:00 PM	1303200.000	117.678	19.659	268.225
34980.695	38954.738	26.489	25.045	28.587
1.017	14.834			
12/16/2015 2:15:00 PM	1304100.000	117.691	19.659	268.254

34984.602	38958.727	26.492	25.048	28.584
1.017	14.823			
12/16/2015 2:30:00 PM	1305000.000	117.681	19.659	268.230
34966.613	38939.273	26.479	25.034	28.599
1.017	14.830			
12/16/2015 2:45:00 PM	1305900.000	117.688	19.659	268.247
34977.355	38951.020	26.487	25.042	28.590
1.017	14.834			
12/16/2015 3:00:00 PM	1306800.000	117.704	19.658	268.283
34988.688	38964.359	26.496	25.052	28.581
1.017	14.828			
12/16/2015 3:15:00 PM	1307700.000	117.679	19.659	268.227
35010.484	38987.691	26.512	25.069	28.563
1.017	14.833			
12/16/2015 3:30:00 PM	1308600.000	117.664	19.657	268.192
35023.313	39004.000	26.523	25.080	28.552
1.017	14.834			
12/16/2015 3:45:00 PM	1309500.000	117.681	19.658	268.232
35026.336	39006.211	26.524	25.082	28.550
1.017	14.831			
12/16/2015 4:00:00 PM	1310400.000	117.685	19.658	268.240
35010.121	38988.230	26.512	25.069	28.563
1.017	14.831			
12/16/2015 4:15:00 PM	1311300.000	117.678	19.656	268.224
34980.488	38956.738	26.491	25.046	28.587
1.017	14.834			
12/16/2015 4:30:00 PM	1312200.000	117.678	19.658	268.224
35007.723	38985.629	26.510	25.067	28.565
1.017	14.834			
12/16/2015 4:45:00 PM	1313100.000	117.678	19.656	268.224
35004.777	38983.938	26.509	25.066	28.568
1.017	14.834			
12/16/2015 5:00:00 PM	1314000.000	117.686	19.655	268.242
35003.375	38983.102	26.509	25.065	28.569
1.017	14.827			
12/16/2015 5:15:00 PM	1314900.000	117.672	19.656	268.212
34993.457	38971.473	26.501	25.057	28.577
1.017	14.831			
12/16/2015 5:30:00 PM	1315800.000	117.674	19.654	268.214
34974.250	38951.168	26.487	25.042	28.592
1.017	14.827			
12/16/2015 5:45:00 PM	1316700.000	117.667	19.654	268.200
34995.184	38974.707	26.503	25.059	28.575
1.017	14.834			
12/16/2015 6:00:00 PM	1317600.000	117.661	19.655	268.186
35047.828	39032.977	26.542	25.101	28.532
1.017	14.837			
12/16/2015 6:15:00 PM	1318500.000	117.646	19.654	268.151
34999.531	38979.473	26.506	25.063	28.572
1.017	14.837			
12/16/2015 6:30:00 PM	1319400.000	117.630	19.654	268.115
35006.258	38986.965	26.511	25.068	28.566
1.017	14.842			
12/16/2015 6:45:00 PM	1320300.000	117.634	19.653	268.124
34972.117	38949.809	26.486	25.041	28.594
1.017	14.842			
12/16/2015 7:00:00 PM	1321200.000	117.628	19.654	268.111

34998.949	38979.039	26.506	25.062	28.572
1.017	14.839			
12/16/2015 7:15:00 PM	1322100.000	117.612	19.654	268.075
35005.945	38986.617	26.511	25.068	28.567
1.017	14.844			
12/16/2015 7:30:00 PM	1323000.000	117.618	19.655	268.088
35017.488	38998.676	26.519	25.076	28.557
1.017	14.836			
12/16/2015 7:45:00 PM	1323900.000	117.607	19.655	268.062
35018.461	39000.047	26.520	25.077	28.556
1.017	14.841			
12/16/2015 8:00:00 PM	1324800.000	117.590	19.655	268.023
34996.996	38976.289	26.504	25.060	28.574
1.017	14.840			
12/16/2015 8:15:00 PM	1325700.000	117.595	19.654	268.035
34997.617	38977.195	26.504	25.061	28.573
1.017	14.844			
12/16/2015 8:30:00 PM	1326600.000	117.573	19.655	267.984
34964.559	38940.238	26.479	25.035	28.600
1.017	14.849			
12/16/2015 8:45:00 PM	1327500.000	117.555	19.655	267.944
35000.906	38980.281	26.507	25.063	28.571
1.017	14.850			
12/16/2015 9:00:00 PM	1328400.000	117.534	19.656	267.897
34960.047	38934.336	26.475	25.031	28.604
1.017	14.847			
12/16/2015 9:15:00 PM	1329300.000	117.552	19.654	267.936
34968.504	38944.992	26.483	25.038	28.597
1.017	14.849			
12/16/2015 9:30:00 PM	1330200.000	117.542	19.656	267.914
35017.816	38998.539	26.519	25.076	28.557
1.017	14.848			
12/16/2015 9:45:00 PM	1331100.000	117.541	19.655	267.913
34981.227	38958.648	26.492	25.048	28.587
1.017	14.847			
12/16/2015 10:00:00 PM	1332000.000	117.537	19.656	267.904
35006.180	38985.500	26.510	25.067	28.566
1.017	14.852			
12/16/2015 10:15:00 PM	1332900.000	117.533	19.655	267.894
35001.426	38981.008	26.507	25.064	28.570
1.017	14.851			
12/16/2015 10:30:00 PM	1333800.000	117.494	19.655	267.805
34972.000	38947.945	26.485	25.040	28.594
1.017	14.850			
12/16/2015 10:45:00 PM	1334700.000	117.517	19.655	267.857
34951.500	38925.766	26.470	25.024	28.611
1.017	14.851			
12/16/2015 11:00:00 PM	1335600.000	117.519	19.655	267.862
34977.598	38954.609	26.489	25.045	28.590
1.017	14.855			
12/16/2015 11:15:00 PM	1336500.000	117.520	19.657	267.864
35002.078	38979.926	26.506	25.063	28.570
1.017	14.851			
12/16/2015 11:30:00 PM	1337400.000	117.534	19.655	267.897
34983.246	38960.758	26.493	25.049	28.585
1.017	14.851			
12/16/2015 11:45:00 PM	1338300.000	117.483	19.657	267.780

34968.711
1.017

38942.691
14.852

26.481

25.037

28.597

Serial_number:

1071253

Project ID:

MPWSP MW-7M

Location:

MPWSP MW-7M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/10/2015	0:00:00		0 134.176	17.6	4524.3
12/10/2015	0:15:00		0 134.137	17.6	4504.8
12/10/2015	0:30:00		0 134.204	17.6	4481.8
12/10/2015	0:45:00		0 134.15	17.6	4463.4
12/10/2015	1:00:00		0 134.166	17.6	4458.8
12/10/2015	1:15:00		0 134.165	17.6	4462.3
12/10/2015	1:30:00		0 134.157	17.6	4448.5
12/10/2015	1:45:00		0 134.174	17.6	4412.9
12/10/2015	2:00:00		0 134.183	17.6	4406
12/10/2015	2:15:00		0 134.195	17.6	4399.1
12/10/2015	2:30:00		0 134.186	17.6	4414.1
12/10/2015	2:45:00		0 134.2	17.6	4420.9
12/10/2015	3:00:00		0 134.225	17.6	4386.5
12/10/2015	3:15:00		0 134.24	17.6	4395.7
12/10/2015	3:30:00		0 134.265	17.6	4378.5
12/10/2015	3:45:00		0 134.224	17.6	4395.7
12/10/2015	4:00:00		0 134.205	17.6	4388.8
12/10/2015	4:15:00		0 134.217	17.6	4407.2
12/10/2015	4:30:00		0 134.234	17.6	4394.5
12/10/2015	4:45:00		0 134.255	17.6	4394.5
12/10/2015	5:00:00		0 134.281	17.6	4391.1
12/10/2015	5:15:00		0 134.282	17.6	4395.7
12/10/2015	5:30:00		0 134.263	17.6	4380.8
12/10/2015	5:45:00		0 134.292	17.6	4371.6
12/10/2015	6:00:00		0 134.297	17.6	4383.1
12/10/2015	6:15:00		0 134.308	17.6	4402.6
12/10/2015	6:30:00		0 134.315	17.6	4360.1
12/10/2015	6:45:00		0 134.296	17.6	4356.7
12/10/2015	7:00:00		0 134.284	17.6	4345.2
12/10/2015	7:15:00		0 134.341	17.6	4340.6
12/10/2015	7:30:00		0 134.325	17.6	4313

12/10/2015	7:45:00	0	134.336	17.6	4297
12/10/2015	8:00:00	0	134.395	17.6	4271.7
12/10/2015	8:15:00	0	134.391	17.6	4248.7
12/10/2015	8:30:00	0	134.369	17.6	4229.2
12/10/2015	8:45:00	0	134.314	17.6	4200.5
12/10/2015	9:00:00	0	134.437	17.6	4176.4
12/10/2015	9:15:00	0	134.351	17.6	4128.2
12/10/2015	9:30:00	0	134.359	17.6	4077.7
12/10/2015	9:45:00	0	134.385	17.6	4050.1
12/10/2015	10:00:00	0	134.408	17.6	4016.9
12/10/2015	10:15:00	0	134.404	17.6	3984.7
12/10/2015	10:30:00	0	134.383	17.6	3964
12/10/2015	10:45:00	0	134.362	17.6	3904.3
12/10/2015	11:00:00	0	134.341	17.6	3886
12/10/2015	11:15:00	0	134.419	17.6	3841.2
12/10/2015	11:30:00	0	134.421	17.6	3846.9
12/10/2015	11:45:00	0	134.445	17.6	3844.7
12/10/2015	12:00:00	0	134.603	17.6	3810.2
12/10/2015	12:15:00	0	134.4	17.6	3798.7
12/10/2015	12:30:00	0	134.482	17.6	3779.2
12/10/2015	12:45:00	0	134.363	17.6	3771.2
12/10/2015	13:00:00	0	134.465	17.6	3757.4
12/10/2015	13:15:00	0	134.413	17.6	3759.7
12/10/2015	13:30:00	0	134.572	17.6	3776.9
12/10/2015	13:45:00	0	134.422	17.6	3809.1
12/10/2015	14:00:00	0	134.507	17.6	3829.7
12/10/2015	14:15:00	0	134.505	17.6	3864.2
12/10/2015	14:30:00	0	134.48	17.6	3896.3
12/10/2015	14:45:00	0	134.498	17.6	3923.9
12/10/2015	15:00:00	0	134.502	17.6	3989.3
12/10/2015	15:15:00	0	134.466	17.6	4029.5
12/10/2015	15:30:00	0	134.462	17.6	4098.4
12/10/2015	15:45:00	0	134.423	17.6	4145.4
12/10/2015	16:00:00	0	134.346	17.6	4192.5
12/10/2015	16:15:00	0	134.449	17.6	4245.3
12/10/2015	16:30:00	0	134.366	17.6	4315.3
12/10/2015	16:45:00	0	134.444	17.6	4353.2
12/10/2015	17:00:00	0	134.454	17.6	4399.1
12/10/2015	17:15:00	0	134.402	17.6	4448.5
12/10/2015	17:30:00	0	134.39	17.6	4501.3
12/10/2015	17:45:00	0	134.414	17.6	4523.1
12/10/2015	18:00:00	0	134.398	17.6	4573.6
12/10/2015	18:15:00	0	134.419	17.6	4585.1
12/10/2015	18:30:00	0	134.424	17.6	4621.8
12/10/2015	18:45:00	0	134.383	17.6	4657.4
12/10/2015	19:00:00	0	134.447	17.6	4678.1
12/10/2015	19:15:00	0	134.374	17.6	4704.5

12/10/2015	19:30:00	0	134.443	17.6	4725.2
12/10/2015	19:45:00	0	134.435	17.6	4735.5
12/10/2015	20:00:00	0	134.452	17.6	4733.2
12/10/2015	20:15:00	0	134.379	17.6	4748.1
12/10/2015	20:30:00	0	134.395	17.6	4755
12/10/2015	20:45:00	0	134.441	17.6	4748.1
12/10/2015	21:00:00	0	134.425	17.6	4749.3
12/10/2015	21:15:00	0	134.408	17.6	4733.2
12/10/2015	21:30:00	0	134.374	17.6	4732.1
12/10/2015	21:45:00	0	134.4	17.6	4719.4
12/10/2015	22:00:00	0	134.432	17.6	4719.4
12/10/2015	22:15:00	0	134.417	17.6	4686.1
12/10/2015	22:30:00	0	134.401	17.6	4666.6
12/10/2015	22:45:00	0	134.481	17.6	4657.4
12/10/2015	23:00:00	0	134.428	17.6	4617.3
12/10/2015	23:15:00	0	134.413	17.6	4601.2
12/10/2015	23:30:00	0	134.483	17.6	4567.9
12/10/2015	23:45:00	0	134.44	17.6	4548.4
12/11/2015	0:00:00	0	134.461	17.6	4527.7
12/11/2015	0:15:00	0	134.493	17.6	4511.6
12/11/2015	0:30:00	0	134.511	17.6	4473.8
12/11/2015	0:45:00	0	134.514	17.6	4449.6
12/11/2015	1:00:00	0	134.513	17.6	4433.6
12/11/2015	1:15:00	0	134.523	17.6	4407.2
12/11/2015	1:30:00	0	134.518	17.6	4393.4
12/11/2015	1:45:00	0	134.503	17.6	4364.7
12/11/2015	2:00:00	0	134.502	17.6	4333.7
12/11/2015	2:15:00	0	134.483	17.6	4326.8
12/11/2015	2:30:00	0	134.509	17.6	4310.7
12/11/2015	2:45:00	0	134.539	17.6	4295.8
12/11/2015	3:00:00	0	134.525	17.6	4282
12/11/2015	3:15:00	0	134.571	17.6	4260.2
12/11/2015	3:30:00	0	134.553	17.6	4282
12/11/2015	3:45:00	0	134.579	17.6	4263.7
12/11/2015	4:00:00	0	134.62	17.6	4247.6
12/11/2015	4:15:00	0	134.623	17.6	4245.3
12/11/2015	4:30:00	0	134.608	17.6	4238.4
12/11/2015	4:45:00	0	134.61	17.6	4241.9
12/11/2015	5:00:00	0	134.599	17.6	4241.9
12/11/2015	5:15:00	0	134.663	17.6	4229.2
12/11/2015	5:30:00	0	134.661	17.6	4231.5
12/11/2015	5:45:00	0	134.638	17.6	4231.5
12/11/2015	6:00:00	0	134.649	17.6	4214.3
12/11/2015	6:15:00	0	134.685	17.6	4220
12/11/2015	6:30:00	0	134.628	17.6	4223.5
12/11/2015	6:45:00	0	134.696	17.6	4200.5
12/11/2015	7:00:00	0	134.69	17.6	4198.2

12/11/2015	7:15:00	0	134.688	17.6	4187.9
12/11/2015	7:30:00	0	134.724	17.6	4156.9
12/11/2015	7:45:00	0	134.705	17.6	4138.5
12/11/2015	8:00:00	0	134.716	17.6	4111
12/11/2015	8:15:00	0	134.766	17.6	4101.8
12/11/2015	8:30:00	0	134.712	17.6	4072
12/11/2015	8:45:00	0	134.749	17.6	4044.4
12/11/2015	9:00:00	0	134.728	17.6	4008.8
12/11/2015	9:15:00	0	134.759	17.6	3970.9
12/11/2015	9:30:00	0	134.771	17.6	3919.3
12/11/2015	9:45:00	0	134.79	17.6	3883.7
12/11/2015	10:00:00	0	134.783	17.6	3842.4
12/11/2015	10:15:00	0	134.751	17.6	3787.3
12/11/2015	10:30:00	0	134.823	17.6	3733.3
12/11/2015	10:45:00	0	134.799	17.6	3677
12/11/2015	11:00:00	0	134.777	17.6	3641.5
12/11/2015	11:15:00	0	134.738	17.6	3572.6
12/11/2015	11:30:00	0	134.797	17.6	3527.8
12/11/2015	11:45:00	0	134.781	17.6	3493.4
12/11/2015	12:00:00	0	134.779	17.6	3465.8
12/11/2015	12:15:00	0	134.808	17.6	3433.7
12/11/2015	12:30:00	0	134.809	17.6	3426.8
12/11/2015	12:45:00	0	134.773	17.6	3387.7
12/11/2015	13:00:00	0	134.811	17.6	3377.4
12/11/2015	13:15:00	0	134.796	17.6	3376.3
12/11/2015	13:30:00	0	134.776	17.6	3372.8
12/11/2015	13:45:00	0	134.817	17.6	3374
12/11/2015	14:00:00	0	134.837	17.6	3395.8
12/11/2015	14:15:00	0	134.776	17.6	3409.6
12/11/2015	14:30:00	0	134.78	17.6	3449.7
12/11/2015	14:45:00	0	134.78	17.6	3471.6
12/11/2015	15:00:00	0	134.797	17.6	3491.1
12/11/2015	15:15:00	0	134.771	17.6	3529
12/11/2015	15:30:00	0	134.77	17.6	3603.6
12/11/2015	15:45:00	0	134.787	17.6	3674.7
12/11/2015	16:00:00	0	134.78	17.6	3745.9
12/11/2015	16:15:00	0	134.777	17.6	3838.9
12/11/2015	16:30:00	0	134.749	17.6	3907.8
12/11/2015	16:45:00	0	134.76	17.6	3984.7
12/11/2015	17:00:00	0	134.738	17.6	4058.2
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12/11/2015	17:30:00	0	134.711	17.6	4185.6
12/11/2015	17:45:00	0	134.729	17.6	4239.6
12/11/2015	18:00:00	0	134.722	17.6	4307.3
12/11/2015	18:15:00	0	134.672	17.6	4365.8
12/11/2015	18:30:00	0	134.688	17.6	4408.3
12/11/2015	18:45:00	0	134.706	17.6	4456.5

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12/11/2015	19:30:00	0	134.642	17.6	4564.4
12/11/2015	19:45:00	0	134.638	17.6	4580.5
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12/11/2015	20:30:00	0	134.643	17.6	4650.5
12/11/2015	20:45:00	0	134.645	17.6	4654
12/11/2015	21:00:00	0	134.622	17.6	4665.5
12/11/2015	21:15:00	0	134.678	17.6	4674.7
12/11/2015	21:30:00	0	134.632	17.6	4681.5
12/11/2015	21:45:00	0	134.649	17.6	4672.4
12/11/2015	22:00:00	0	134.666	17.6	4664.3
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12/11/2015	22:30:00	0	134.658	17.6	4632.2
12/11/2015	22:45:00	0	134.658	17.6	4623
12/11/2015	23:00:00	0	134.655	17.6	4596.6
12/11/2015	23:15:00	0	134.657	17.6	4592
12/11/2015	23:30:00	0	134.669	17.6	4556.4
12/11/2015	23:45:00	0	134.667	17.6	4542.6
12/12/2015	0:00:00	0	134.672	17.6	4518.5
12/12/2015	0:15:00	0	134.691	17.6	4495.6
12/12/2015	0:30:00	0	134.671	17.6	4446.2
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12/12/2015	2:30:00	0	134.735	17.6	4263.7
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12/12/2015	3:00:00	0	134.714	17.6	4240.7
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12/12/2015	4:15:00	0	134.766	17.6	4179.9
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12/12/2015	4:45:00	0	134.81	17.6	4177.6
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12/12/2015	7:45:00	0	134.843	17.6	4132.8
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12/12/2015	8:30:00	0	134.855	17.6	4088
12/12/2015	8:45:00	0	134.845	17.6	4059.3
12/12/2015	9:00:00	0	134.856	17.6	4037.5
12/12/2015	9:15:00	0	134.868	17.6	4029.5
12/12/2015	9:30:00	0	134.865	17.6	3996.2
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12/12/2015	10:15:00	0	134.866	17.6	3892.9
12/12/2015	10:30:00	0	134.882	17.6	3834.3
12/12/2015	10:45:00	0	134.841	17.6	3771.2
12/12/2015	11:00:00	0	134.884	17.6	3732.1
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12/12/2015	11:30:00	0	134.878	17.6	3642.6
12/12/2015	11:45:00	0	134.893	17.6	3584.1
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12/12/2015	13:00:00	0	134.914	17.6	3433.7
12/12/2015	13:15:00	0	134.923	17.6	3419.9
12/12/2015	13:30:00	0	134.935	17.6	3408.4
12/12/2015	13:45:00	0	134.889	17.6	3408.4
12/12/2015	14:00:00	0	134.898	17.6	3400.4
12/12/2015	14:15:00	0	134.93	17.6	3402.7
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12/12/2015	16:00:00	0	134.856	17.6	3669
12/12/2015	16:15:00	0	134.835	17.6	3732.1
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12/12/2015	17:30:00	0	134.852	17.6	4127.1
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12/12/2015	18:45:00	0	134.774	17.6	4426.7
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12/12/2015	19:15:00	0	134.755	17.6	4522
12/12/2015	19:30:00	0	134.754	17.6	4558.7
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12/12/2015	20:15:00	0	134.767	17.6	4680.4
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12/12/2015	20:45:00	0	134.725	17.6	4704.5
12/12/2015	21:00:00	0	134.727	17.6	4720.6
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12/12/2015	22:00:00	0	134.708	17.6	4757.3
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12/12/2015	22:30:00	0	134.784	17.6	4760.8
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12/12/2015	23:00:00	0	134.727	17.6	4729.8
12/12/2015	23:15:00	0	134.77	17.6	4728.6
12/12/2015	23:30:00	0	134.709	17.6	4706.8
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12/13/2015	8:15:00	0	134.923	17.6	4241.9
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12/13/2015	8:45:00	0	134.97	17.6	4218.9
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12/13/2015	14:30:00	0	135.073	17.6	3447.4
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12/13/2015	15:00:00	0	135.032	17.6	3456.6
12/13/2015	15:15:00	0	135.05	17.6	3458.9
12/13/2015	15:30:00	0	135.007	17.6	3480.7
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12/13/2015	16:45:00	0	135.032	17.6	3693.1
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12/13/2015	19:15:00	0	134.877	17.6	4391.1
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12/13/2015	20:15:00	0	134.949	17.6	4592
12/13/2015	20:30:00	0	134.885	17.6	4596.6
12/13/2015	20:45:00	0	134.903	17.6	4632.2
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12/13/2015	21:15:00	0	134.86	17.6	4706.8
12/13/2015	21:30:00	0	134.904	17.6	4720.6
12/13/2015	21:45:00	0	134.882	17.6	4730.9
12/13/2015	22:00:00	0	134.885	17.6	4749.3
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12/13/2015	22:30:00	0	134.896	17.6	4763.1
12/13/2015	22:45:00	0	134.859	17.6	4757.3
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12/13/2015	23:15:00	0	134.871	17.6	4755
12/13/2015	23:30:00	0	134.827	17.6	4730.9
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12/14/2015	0:30:00	0	134.875	17.6	4681.5
12/14/2015	0:45:00	0	134.909	17.6	4657.4
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12/14/2015	2:00:00	0	134.935	17.6	4548.4
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12/14/2015	2:30:00	0	134.904	17.6	4481.8
12/14/2015	2:45:00	0	134.908	17.6	4455.4
12/14/2015	3:00:00	0	134.932	17.6	4443.9
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12/14/2015	7:30:00	0	134.988	17.6	4257.9
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12/14/2015	8:15:00	0	135.015	17.6	4257.9
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12/14/2015	10:15:00	0	135.046	17.6	4190.2
12/14/2015	10:30:00	0	135.045	17.6	4163.8
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12/14/2015	11:15:00	0	135.071	17.6	4096.1
12/14/2015	11:30:00	0	135.075	17.6	4045.6
12/14/2015	11:45:00	0	135.058	17.6	4015.7
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12/14/2015	12:30:00	0	135.081	17.6	3906.6
12/14/2015	12:45:00	0	135.1	17.6	3859.6
12/14/2015	13:00:00	0	135.064	17.6	3814.8
12/14/2015	13:15:00	0	135.063	17.6	3785
12/14/2015	13:30:00	0	135.085	17.6	3762
12/14/2015	13:45:00	0	135.126	17.6	3708
12/14/2015	14:00:00	0	135.1	17.6	3701.2
12/14/2015	14:15:00	0	135.102	17.6	3671.3
12/14/2015	14:30:00	0	135.101	17.6	3658.7
12/14/2015	14:45:00	0	135.064	17.6	3643.8
12/14/2015	15:00:00	0	135.101	17.6	3616.2
12/14/2015	15:15:00	0	135.106	17.6	3631.1
12/14/2015	15:30:00	0	135.108	17.6	3628.8
12/14/2015	15:45:00	0	135.111	17.6	3642.6
12/14/2015	16:00:00	0	135.049	17.6	3663.3
12/14/2015	16:15:00	0	135.087	17.6	3694.3
12/14/2015	16:30:00	0	135.096	17.6	3733.3
12/14/2015	16:45:00	0	135.081	17.6	3780.4
12/14/2015	17:00:00	0	135.083	17.6	3818.2
12/14/2015	17:15:00	0	135.066	17.6	3872.2

12/14/2015	17:30:00	0	135.066	17.6	3931.9
12/14/2015	17:45:00	0	135.066	17.6	3991.6
12/14/2015	18:00:00	0	135.043	17.6	4068.5
12/14/2015	18:15:00	0	135.06	17.6	4132.8
12/14/2015	18:30:00	0	135.037	17.6	4183.3
12/14/2015	18:45:00	0	134.997	17.6	4252.2
12/14/2015	19:00:00	0	135.034	17.6	4319.9
12/14/2015	19:15:00	0	134.99	17.6	4370.4
12/14/2015	19:30:00	0	134.965	17.6	4415.2
12/14/2015	19:45:00	0	134.988	17.6	4464.6
12/14/2015	20:00:00	0	135.009	17.6	4513.9
12/14/2015	20:15:00	0	134.972	17.6	4553
12/14/2015	20:30:00	0	134.976	17.6	4605.8
12/14/2015	20:45:00	0	134.998	17.6	4639.1
12/14/2015	21:00:00	0	134.927	17.6	4662
12/14/2015	21:15:00	0	134.953	17.6	4713.7
12/14/2015	21:30:00	0	134.989	17.6	4738.9
12/14/2015	21:45:00	0	134.926	17.6	4753.9
12/14/2015	22:00:00	0	134.947	17.6	4780.3
12/14/2015	22:15:00	0	134.911	17.6	4803.2
12/14/2015	22:30:00	0	134.935	17.6	4814.7
12/14/2015	22:45:00	0	134.934	17.6	4815.9
12/14/2015	23:00:00	0	134.931	17.6	4805.5
12/14/2015	23:15:00	0	134.917	17.6	4826.2
12/14/2015	23:30:00	0	134.921	17.6	4835.4
12/14/2015	23:45:00	0	134.925	17.6	4827.3
12/15/2015	0:00:00	0	134.927	17.6	4826.2
12/15/2015	0:15:00	0	134.932	17.6	4795.2
12/15/2015	0:30:00	0	134.976	17.6	4789.5
12/15/2015	0:45:00	0	134.963	17.6	4755
12/15/2015	1:00:00	0	134.961	17.6	4760.8
12/15/2015	1:15:00	0	134.943	17.6	4743.5
12/15/2015	1:30:00	0	134.941	17.6	4704.5
12/15/2015	1:45:00	0	134.981	17.6	4693
12/15/2015	2:00:00	0	134.98	17.6	4677
12/15/2015	2:15:00	0	134.977	17.6	4644.8
12/15/2015	2:30:00	0	134.936	17.6	4633.3
12/15/2015	2:45:00	0	134.934	17.6	4587.4
12/15/2015	3:00:00	0	134.972	17.6	4574.8
12/15/2015	3:15:00	0	134.985	17.6	4541.5
12/15/2015	3:30:00	0	134.998	17.6	4524.3
12/15/2015	3:45:00	0	134.977	17.6	4509.3
12/15/2015	4:00:00	0	135.017	17.6	4493.3
12/15/2015	4:15:00	0	135.053	17.6	4461.1
12/15/2015	4:30:00	0	134.992	17.6	4443.9
12/15/2015	4:45:00	0	135.009	17.6	4431.3
12/15/2015	5:00:00	0	134.989	17.6	4417.5

12/15/2015	5:15:00	0	135.024	17.6	4381.9
12/15/2015	5:30:00	0	135.024	17.6	4388.8
12/15/2015	5:45:00	0	135.043	17.6	4386.5
12/15/2015	6:00:00	0	135.021	17.6	4364.7
12/15/2015	6:15:00	0	134.998	17.6	4365.8
12/15/2015	6:30:00	0	134.973	17.6	4355.5
12/15/2015	6:45:00	0	135.069	17.6	4356.7
12/15/2015	7:00:00	0	135.01	17.6	4363.5
12/15/2015	7:15:00	0	135.043	17.6	4363.5
12/15/2015	7:30:00	0	134.998	17.6	4359
12/15/2015	7:45:00	0	134.994	17.6	4363.5
12/15/2015	8:00:00	0	135.032	17.6	4357.8
12/15/2015	8:15:00	0	134.982	17.6	4365.8
12/15/2015	8:30:00	0	135.054	17.6	4362.4
12/15/2015	8:45:00	0	135.028	17.6	4388.8
12/15/2015	9:00:00	0	135.045	17.6	4377.3
12/15/2015	9:15:00	0	135.041	17.6	4368.1
12/15/2015	9:30:00	0	135.036	17.6	4380.8
12/15/2015	9:45:00	0	135.048	17.6	4376.2
12/15/2015	10:00:00	0	135.083	17.6	4357.8
12/15/2015	10:15:00	0	135.022	17.6	4356.7
12/15/2015	10:30:00	0	135.038	17.6	4341.7
12/15/2015	10:45:00	0	135.024	17.6	4328
12/15/2015	11:00:00	0	135.025	17.6	4315.3
12/15/2015	11:15:00	0	135.048	17.6	4298.1
12/15/2015	11:30:00	0	135.055	17.6	4270.6
12/15/2015	11:45:00	0	135.084	17.6	4252.2
12/15/2015	12:00:00	0	135.087	17.6	4226.9
12/15/2015	12:15:00	0	135.088	17.6	4209.7
12/15/2015	12:30:00	0	135.075	17.6	4182.2
12/15/2015	12:45:00	0	135.094	17.6	4166.1
12/15/2015	13:00:00	0	135.095	17.6	4131.7
12/15/2015	13:15:00	0	135.103	17.6	4111
12/15/2015	13:30:00	0	135.084	17.6	4082.3
12/15/2015	13:45:00	0	135.124	17.6	4046.7
12/15/2015	14:00:00	0	135.112	17.6	4014.6
12/15/2015	14:15:00	0	135.131	17.6	3993.9
12/15/2015	14:30:00	0	135.093	17.6	3964
12/15/2015	14:45:00	0	135.095	17.6	3934.2
12/15/2015	15:00:00	0	135.094	17.6	3919.3
12/15/2015	15:15:00	0	135.133	17.6	3904.3
12/15/2015	15:30:00	0	135.109	17.6	3895.2
12/15/2015	15:45:00	0	135.104	17.6	3905.5
12/15/2015	16:00:00	0	135.105	17.6	3908.9
12/15/2015	16:15:00	0	135.106	17.6	3908.9
12/15/2015	16:30:00	0	135.086	17.6	3920.4
12/15/2015	16:45:00	0	135.084	17.6	3942.2

12/15/2015	17:00:00	0	135.058	17.6	3970.9
12/15/2015	17:15:00	0	135.091	17.6	3982.4
12/15/2015	17:30:00	0	135.046	17.6	4037.5
12/15/2015	17:45:00	0	135.043	17.6	4072
12/15/2015	18:00:00	0	135.097	17.6	4106.4
12/15/2015	18:15:00	0	135.032	17.6	4129.4
12/15/2015	18:30:00	0	135.069	17.6	4191.3
12/15/2015	18:45:00	0	135.031	17.6	4240.7
12/15/2015	19:00:00	0	135.048	17.6	4290.1
12/15/2015	19:15:00	0	135.005	17.6	4334.8
12/15/2015	19:30:00	0	135.027	17.6	4388.8
12/15/2015	19:45:00	0	135.03	17.6	4432.4
12/15/2015	20:00:00	0	135.003	17.6	4472.6
12/15/2015	20:15:00	0	135.02	17.6	4534.6
12/15/2015	20:30:00	0	134.937	17.6	4559.9
12/15/2015	20:45:00	0	135.011	17.6	4609.2
12/15/2015	21:00:00	0	134.991	17.6	4644.8
12/15/2015	21:15:00	0	134.972	17.6	4693
12/15/2015	21:30:00	0	134.973	17.6	4711.4
12/15/2015	21:45:00	0	134.967	17.6	4753.9
12/15/2015	22:00:00	0	134.947	17.6	4802.1
12/15/2015	22:15:00	0	134.984	17.6	4826.2
12/15/2015	22:30:00	0	134.921	17.6	4835.4
12/15/2015	22:45:00	0	134.962	17.6	4831.9
12/15/2015	23:00:00	0	134.982	17.6	4849.2
12/15/2015	23:15:00	0	134.962	17.6	4873.3
12/15/2015	23:30:00	0	134.939	17.6	4868.7
12/15/2015	23:45:00	0	134.981	17.6	4873.3
12/16/2015	0:00:00	0	134.921	17.6	4871
12/16/2015	0:15:00	0	134.944	17.6	4871
12/16/2015	0:30:00	0	134.948	17.6	4869.8
12/16/2015	0:45:00	0	134.912	17.6	4861.8
12/16/2015	1:00:00	0	134.969	17.6	4853.7
12/16/2015	1:15:00	0	134.994	17.6	4829.6
12/16/2015	1:30:00	0	134.988	17.6	4800.9
12/16/2015	1:45:00	0	134.97	17.6	4804.4
12/16/2015	2:00:00	0	134.948	17.6	4781.4
12/16/2015	2:15:00	0	134.979	17.6	4765.3
12/16/2015	2:30:00	0	134.956	17.6	4725.2
12/16/2015	2:45:00	0	134.974	17.6	4707.9
12/16/2015	3:00:00	0	135.014	17.6	4681.5
12/16/2015	3:15:00	0	134.991	17.6	4662
12/16/2015	3:30:00	0	135.013	17.6	4628.7
12/16/2015	3:45:00	0	134.992	17.6	4597.7
12/16/2015	4:00:00	0	134.998	17.6	4569
12/16/2015	4:15:00	0	135.053	17.6	4549.5
12/16/2015	4:30:00	0	135.039	17.6	4518.5

12/16/2015	4:45:00	0	135.043	17.6	4492.1
12/16/2015	5:00:00	0	135.043	17.6	4463.4
12/16/2015	5:15:00	0	135.061	17.6	4446.2
12/16/2015	5:30:00	0	135.014	17.6	4437
12/16/2015	5:45:00	0	135.076	17.6	4418.7
12/16/2015	6:00:00	0	135.036	17.6	4399.1
12/16/2015	6:15:00	0	135.04	17.6	4390
12/16/2015	6:30:00	0	135.058	17.6	4369.3
12/16/2015	6:45:00	0	135.063	17.6	4362.4
12/16/2015	7:00:00	0	135.044	17.6	4350.9
12/16/2015	7:15:00	0	135.098	17.6	4346.3
12/16/2015	7:30:00	0	135.088	17.6	4347.5
12/16/2015	7:45:00	0	135.083	17.6	4340.6
12/16/2015	8:00:00	0	135.095	17.6	4344
12/16/2015	8:15:00	0	135.047	17.6	4340.6
12/16/2015	8:30:00	0	135.096	17.6	4346.3
12/16/2015	8:45:00	0	135.088	17.6	4357.8
12/16/2015	9:00:00	0	135.044	17.6	4347.5
12/16/2015	9:15:00	0	135.094	17.6	4355.5
12/16/2015	9:30:00	0	135.05	17.6	4356.7
12/16/2015	9:45:00	0	135.028	17.6	4369.3
12/16/2015	10:00:00	0	135.065	17.6	4371.6
12/16/2015	10:15:00	0	135.067	17.6	4371.6
12/16/2015	10:30:00	0	135.068	17.6	4368.1
12/16/2015	10:45:00	0	135.072	17.6	4370.4
12/16/2015	11:00:00	0	135.08	17.6	4377.3
12/16/2015	11:15:00	0	135.09	17.6	4386.5
12/16/2015	11:30:00	0	135.073	17.6	4372.7
12/16/2015	11:45:00	0	135.078	17.6	4362.4
12/16/2015	12:00:00	0	135.061	17.6	4362.4
12/16/2015	12:15:00	0	135.085	17.6	4350.9
12/16/2015	12:30:00	0	135.093	17.6	4337.1
12/16/2015	12:45:00	0	135.077	17.6	4318.8
12/16/2015	13:00:00	0	135.081	17.6	4313
12/16/2015	13:15:00	0	135.102	17.6	4293.5
12/16/2015	13:30:00	0	135.122	17.6	4267.1
12/16/2015	13:45:00	0	135.144	17.6	4246.5
12/16/2015	14:00:00	0	135.105	17.6	4214.3
12/16/2015	14:15:00	0	135.088	17.6	4213.2
12/16/2015	14:30:00	0	135.129	17.6	4178.7
12/16/2015	14:45:00	0	135.106	17.6	4163.8
12/16/2015	15:00:00	0	135.089	17.6	4129.4
12/16/2015	15:15:00	0	135.103	17.6	4116.7
12/16/2015	15:30:00	0	135.122	17.6	4100.7
12/16/2015	15:45:00	0	135.13	17.6	4078.8
12/16/2015	16:00:00	0	135.113	17.6	4072
12/16/2015	16:15:00	0	135.113	17.6	4059.3

12/16/2015	16:30:00	0	135.112	17.6	4058.2
12/16/2015	16:45:00	0	135.132	17.6	4045.6
12/16/2015	17:00:00	0	135.135	17.6	4066.2
12/16/2015	17:15:00	0	135.134	17.6	4042.1
12/16/2015	17:30:00	0	135.128	17.6	4070.8
12/16/2015	17:45:00	0	135.106	17.6	4089.2
12/16/2015	18:00:00	0	135.083	17.6	4106.4
12/16/2015	18:15:00	0	135.057	17.6	4116.7
12/16/2015	18:30:00	0	135.096	17.6	4145.4
12/16/2015	18:45:00	0	135.122	17.6	4198.2
12/16/2015	19:00:00	0	135.126	17.6	4225.8
12/16/2015	19:15:00	0	135.105	17.6	4251
12/16/2015	19:30:00	0	135.077	17.6	4290.1
12/16/2015	19:45:00	0	135.073	17.6	4345.2
12/16/2015	20:00:00	0	135.053	17.6	4386.5
12/16/2015	20:15:00	0	135.045	17.6	4420.9
12/16/2015	20:30:00	0	135.02	17.6	4454.2
12/16/2015	20:45:00	0	135.043	17.6	4511.6
12/16/2015	21:00:00	0	135.02	17.6	4543.8
12/16/2015	21:15:00	0	135.022	17.6	4573.6
12/16/2015	21:30:00	0	135.044	17.6	4626.4
12/16/2015	21:45:00	0	135.019	17.6	4657.4
12/16/2015	22:00:00	0	135.02	17.6	4695.3
12/16/2015	22:15:00	0	134.976	17.6	4712.5
12/16/2015	22:30:00	0	134.998	17.6	4757.3
12/16/2015	22:45:00	0	134.997	17.6	4765.3
12/16/2015	23:00:00	0	135.013	17.6	4783.7
12/16/2015	23:15:00	0	134.997	17.6	4817
12/16/2015	23:30:00	0	134.979	17.6	4826.2
12/16/2015	23:45:00	0	135.036	17.6	4827.3

Report Date: 12/18/2015 1:48:47 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7S LT Test_2015-12-17_10-23-46-927-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

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	Sensor SN: 427086 Actual conductivity calibration. 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
12/18/2015 1:45:57 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 1529

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	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	Sensor: PCTD(A) 35.8ft
SN#: 427086	SN#: 427086	SN#: 427086	SN#: 427086	SN#: 427086
SN#: 427086	SN#: 427086	SN#: 427086	SN#: 427086	SN#:
427086	SN#: 000000			

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Seconds	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	
Resistivity (ohm-cm)		Water Density (g/cm3)	Barometric Pressure (PSI)		
12/10/2015 12:00:00 AM	734400.000		11.184	17.557	25.491
1864.201	2173.121	1.478	1.123	536.423	
1.000	14.747				
12/10/2015 12:15:00 AM	735300.000		11.188	17.558	25.502
1863.795	2172.635	1.477	1.123	536.540	
1.000	14.741				
12/10/2015 12:30:00 AM	736200.000		11.183	17.557	25.490
1863.685	2172.521	1.477	1.122	536.571	
1.000	14.746				
12/10/2015 12:45:00 AM	737100.000		11.188	17.557	25.500

1863.754	2172.597	1.477	1.123	536.551
1.000	14.741			
12/10/2015 1:00:00 AM	738000.000	11.194	17.557	25.516
1864.218	2173.146	1.478	1.123	536.418
1.000	14.733			
12/10/2015 1:15:00 AM	738900.000	11.200	17.557	25.529
1862.956	2171.670	1.477	1.122	536.781
1.000	14.725			
12/10/2015 1:30:00 AM	739800.000	11.212	17.557	25.556
1862.768	2171.469	1.477	1.122	536.835
1.000	14.715			
12/10/2015 1:45:00 AM	740700.000	11.201	17.557	25.531
1863.719	2172.556	1.477	1.122	536.561
1.000	14.717			
12/10/2015 2:00:00 AM	741600.000	11.192	17.557	25.510
1864.919	2173.950	1.478	1.123	536.216
1.000	14.725			
12/10/2015 2:15:00 AM	742500.000	11.190	17.557	25.506
1865.787	2174.966	1.479	1.124	535.967
1.000	14.726			
12/10/2015 2:30:00 AM	743400.000	11.185	17.557	25.494
1864.402	2173.357	1.478	1.123	536.365
1.000	14.729			
12/10/2015 2:45:00 AM	744300.000	11.190	17.557	25.506
1863.118	2171.850	1.477	1.122	536.735
1.000	14.723			
12/10/2015 3:00:00 AM	745200.000	11.193	17.557	25.513
1863.684	2172.527	1.477	1.122	536.572
1.000	14.718			
12/10/2015 3:15:00 AM	746100.000	11.203	17.557	25.536
1864.952	2173.993	1.478	1.123	536.207
1.000	14.707			
12/10/2015 3:30:00 AM	747000.000	11.196	17.557	25.518
1865.256	2174.385	1.479	1.123	536.120
1.000	14.710			
12/10/2015 3:45:00 AM	747900.000	11.196	17.557	25.518
1865.952	2175.175	1.479	1.124	535.920
1.000	14.708			
12/10/2015 4:00:00 AM	748800.000	11.190	17.557	25.505
1866.217	2175.472	1.479	1.124	535.843
1.000	14.710			
12/10/2015 4:15:00 AM	749700.000	11.194	17.557	25.515
1866.824	2176.200	1.480	1.124	535.669
1.000	14.705			
12/10/2015 4:30:00 AM	750600.000	11.196	17.557	25.519
1867.718	2177.227	1.481	1.125	535.413
1.000	14.700			
12/10/2015 4:45:00 AM	751500.000	11.195	17.557	25.518
1867.110	2176.509	1.480	1.125	535.587
1.000	14.699			
12/10/2015 5:00:00 AM	752400.000	11.199	17.557	25.526
1866.524	2175.839	1.480	1.124	535.755
1.000	14.691			
12/10/2015 5:15:00 AM	753300.000	11.196	17.557	25.520
1867.117	2176.533	1.480	1.125	535.585
1.000	14.693			

12/10/2015 5:30:00 AM	754200.000	11.194	17.557	25.515
1866.741	2176.095	1.480	1.124	535.693
1.000	14.692			
12/10/2015 5:45:00 AM	755100.000	11.191	17.557	25.508
1866.889	2176.264	1.480	1.125	535.650
1.000	14.693			
12/10/2015 6:00:00 AM	756000.000	11.184	17.558	25.492
1865.276	2174.362	1.479	1.123	536.114
1.000	14.700			
12/10/2015 6:15:00 AM	756900.000	11.179	17.557	25.480
1864.101	2172.997	1.478	1.123	536.452
1.000	14.703			
12/10/2015 6:30:00 AM	757800.000	11.184	17.557	25.491
1864.301	2173.238	1.478	1.123	536.394
1.000	14.701			
12/10/2015 6:45:00 AM	758700.000	11.185	17.557	25.495
1863.511	2172.313	1.477	1.122	536.621
1.000	14.697			
12/10/2015 7:00:00 AM	759600.000	11.190	17.557	25.506
1864.332	2173.280	1.478	1.123	536.385
1.000	14.692			
12/10/2015 7:15:00 AM	760500.000	11.184	17.557	25.491
1863.759	2172.615	1.477	1.123	536.550
1.000	14.696			
12/10/2015 7:30:00 AM	761400.000	11.187	17.557	25.499
1864.593	2173.574	1.478	1.123	536.310
1.000	14.692			
12/10/2015 7:45:00 AM	762300.000	11.188	17.557	25.500
1864.281	2173.233	1.478	1.123	536.400
1.000	14.693			
12/10/2015 8:00:00 AM	763200.000	11.182	17.557	25.487
1863.403	2172.217	1.477	1.122	536.653
1.000	14.697			
12/10/2015 8:15:00 AM	764100.000	11.187	17.557	25.498
1863.317	2172.103	1.477	1.122	536.677
1.000	14.694			
12/10/2015 8:30:00 AM	765000.000	11.166	17.557	25.452
1863.217	2171.983	1.477	1.122	536.706
1.000	14.714			
12/10/2015 8:45:00 AM	765900.000	11.174	17.557	25.469
1865.013	2174.086	1.478	1.123	536.189
1.000	14.708			
12/10/2015 9:00:00 AM	766800.000	11.173	17.557	25.466
1864.797	2173.824	1.478	1.123	536.252
1.000	14.713			
12/10/2015 9:15:00 AM	767700.000	11.171	17.557	25.462
1864.549	2173.548	1.478	1.123	536.323
1.000	14.716			
12/10/2015 9:30:00 AM	768600.000	11.170	17.557	25.459
1862.822	2171.544	1.477	1.122	536.820
1.000	14.720			
12/10/2015 9:45:00 AM	769500.000	11.168	17.557	25.455
1862.955	2171.699	1.477	1.122	536.782
1.000	14.724			
12/10/2015 10:00:00 AM	770400.000	11.175	17.557	25.472
1861.923	2170.467	1.476	1.121	537.079

1.000	14.720				
12/10/2015 10:15:00 AM	771300.000	11.182	17.557	25.486	
1863.071	2171.816	1.477	1.122	536.748	
1.000	14.719				
12/10/2015 10:30:00 AM	772200.000	11.166	17.557	25.452	
1863.013	2171.742	1.477	1.122	536.765	
1.000	14.732				
12/10/2015 10:45:00 AM	773100.000	11.180	17.557	25.483	
1864.317	2173.292	1.478	1.123	536.389	
1.000	14.720				
12/10/2015 11:00:00 AM	774000.000	11.196	17.558	25.519	
1872.123	2182.318	1.484	1.128	534.153	
1.000	14.706				
12/10/2015 11:15:00 AM	774900.000	11.194	17.557	25.515	
1870.156	2180.093	1.482	1.127	534.715	
1.000	14.706				
12/10/2015 11:30:00 AM	775800.000	11.188	17.557	25.500	
1869.595	2179.430	1.482	1.126	534.875	
1.000	14.717				
12/10/2015 11:45:00 AM	776700.000	11.189	17.557	25.503	
1867.691	2177.190	1.480	1.125	535.421	
1.000	14.712				
12/10/2015 12:00:00 PM	777600.000	11.188	17.557	25.501	
1871.391	2181.533	1.483	1.127	534.362	
1.000	14.713				
12/10/2015 12:15:00 PM	778500.000	11.193	17.557	25.511	
1872.715	2183.068	1.484	1.128	533.984	
1.000	14.709				
12/10/2015 12:30:00 PM	779400.000	11.187	17.556	25.500	
1873.871	2184.437	1.485	1.129	533.655	
1.000	14.711				
12/10/2015 12:45:00 PM	780300.000	11.190	17.557	25.506	
1872.453	2182.767	1.484	1.128	534.059	
1.000	14.709				
12/10/2015 1:00:00 PM	781200.000	11.192	17.557	25.510	
1874.681	2185.334	1.486	1.129	533.424	
1.000	14.705				
12/10/2015 1:15:00 PM	782100.000	11.200	17.557	25.529	
1876.148	2187.049	1.487	1.130	533.007	
1.000	14.696				
12/10/2015 1:30:00 PM	783000.000	11.200	17.557	25.527	
1874.671	2185.327	1.486	1.129	533.427	
1.000	14.695				
12/10/2015 1:45:00 PM	783900.000	11.194	17.558	25.514	
1873.275	2183.687	1.485	1.129	533.824	
1.000	14.699				
12/10/2015 2:00:00 PM	784800.000	11.194	17.557	25.515	
1873.194	2183.639	1.485	1.129	533.848	
1.000	14.698				
12/10/2015 2:15:00 PM	785700.000	11.196	17.557	25.520	
1874.930	2185.629	1.486	1.130	533.353	
1.000	14.692				
12/10/2015 2:30:00 PM	786600.000	11.199	17.557	25.525	
1878.596	2189.924	1.489	1.132	532.312	
1.000	14.690				
12/10/2015 2:45:00 PM	787500.000	11.195	17.557	25.517	

1876.963	2188.033	1.488	1.131	532.776
1.000	14.691			
12/10/2015 3:00:00 PM	788400.000	11.187	17.557	25.499
1878.141	2189.380	1.489	1.132	532.441
1.000	14.697			
12/10/2015 3:15:00 PM	789300.000	11.194	17.557	25.515
1876.296	2187.238	1.487	1.130	532.965
1.000	14.690			
12/10/2015 3:30:00 PM	790200.000	11.184	17.557	25.493
1873.841	2184.380	1.485	1.129	533.663
1.000	14.698			
12/10/2015 3:45:00 PM	791100.000	11.190	17.557	25.505
1874.781	2185.494	1.486	1.130	533.396
1.000	14.693			
12/10/2015 4:00:00 PM	792000.000	11.197	17.557	25.522
1875.873	2186.745	1.487	1.130	533.085
1.000	14.685			
12/10/2015 4:15:00 PM	792900.000	11.189	17.557	25.504
1875.193	2185.948	1.486	1.130	533.278
1.000	14.692			
12/10/2015 4:30:00 PM	793800.000	11.192	17.558	25.510
1876.231	2187.133	1.487	1.130	532.983
1.000	14.689			
12/10/2015 4:45:00 PM	794700.000	11.188	17.557	25.500
1878.497	2189.795	1.489	1.132	532.340
1.000	14.694			
12/10/2015 5:00:00 PM	795600.000	11.193	17.557	25.513
1878.971	2190.360	1.489	1.132	532.206
1.000	14.686			
12/10/2015 5:15:00 PM	796500.000	11.197	17.557	25.521
1879.116	2190.517	1.490	1.132	532.165
1.000	14.683			
12/10/2015 5:30:00 PM	797400.000	11.188	17.557	25.502
1878.370	2189.638	1.489	1.132	532.377
1.000	14.689			
12/10/2015 5:45:00 PM	798300.000	11.189	17.557	25.503
1875.685	2186.525	1.487	1.130	533.139
1.000	14.688			
12/10/2015 6:00:00 PM	799200.000	11.192	17.557	25.509
1875.695	2186.542	1.487	1.130	533.136
1.000	14.687			
12/10/2015 6:15:00 PM	800100.000	11.194	17.557	25.515
1876.533	2187.515	1.488	1.131	532.898
1.000	14.684			
12/10/2015 6:30:00 PM	801000.000	11.193	17.557	25.511
1876.313	2187.249	1.487	1.130	532.960
1.000	14.684			
12/10/2015 6:45:00 PM	801900.000	11.191	17.557	25.507
1876.749	2187.745	1.488	1.131	532.836
1.000	14.685			
12/10/2015 7:00:00 PM	802800.000	11.198	17.556	25.524
1876.212	2187.169	1.487	1.130	532.989
1.000	14.678			
12/10/2015 7:15:00 PM	803700.000	11.202	17.557	25.534
1875.595	2186.438	1.487	1.130	533.164
1.000	14.674			

12/10/2015 7:30:00 PM	804600.000	11.185	17.557	25.493
1875.887	2186.749	1.487	1.130	533.081
1.000	14.690			
12/10/2015 7:45:00 PM	805500.000	11.189	17.557	25.504
1876.378	2187.317	1.487	1.131	532.942
1.000	14.684			
12/10/2015 8:00:00 PM	806400.000	11.184	17.557	25.492
1876.381	2187.316	1.487	1.131	532.941
1.000	14.690			
12/10/2015 8:15:00 PM	807300.000	11.193	17.557	25.513
1877.875	2189.079	1.489	1.131	532.517
1.000	14.682			
12/10/2015 8:30:00 PM	808200.000	11.185	17.557	25.493
1876.652	2187.674	1.488	1.131	532.864
1.000	14.691			
12/10/2015 8:45:00 PM	809100.000	11.191	17.557	25.509
1876.588	2187.583	1.488	1.131	532.882
1.000	14.688			
12/10/2015 9:00:00 PM	810000.000	11.191	17.557	25.508
1877.137	2188.222	1.488	1.131	532.726
1.000	14.685			
12/10/2015 9:15:00 PM	810900.000	11.190	17.557	25.505
1877.964	2189.200	1.489	1.132	532.492
1.000	14.684			
12/10/2015 9:30:00 PM	811800.000	11.195	17.557	25.517
1877.262	2188.377	1.488	1.131	532.691
1.000	14.679			
12/10/2015 9:45:00 PM	812700.000	11.196	17.557	25.520
1877.124	2188.181	1.488	1.131	532.730
1.000	14.677			
12/10/2015 10:00:00 PM	813600.000	11.192	17.557	25.509
1878.591	2189.917	1.489	1.132	532.314
1.000	14.682			
12/10/2015 10:15:00 PM	814500.000	11.193	17.557	25.513
1875.509	2186.304	1.487	1.130	533.189
1.000	14.679			
12/10/2015 10:30:00 PM	815400.000	11.193	17.557	25.512
1875.921	2186.822	1.487	1.130	533.072
1.000	14.679			
12/10/2015 10:45:00 PM	816300.000	11.193	17.557	25.511
1876.432	2187.380	1.487	1.131	532.926
1.000	14.678			
12/10/2015 11:00:00 PM	817200.000	11.193	17.557	25.512
1879.664	2191.160	1.490	1.133	532.010
1.000	14.676			
12/10/2015 11:15:00 PM	818100.000	11.194	17.557	25.515
1878.058	2189.301	1.489	1.132	532.465
1.000	14.673			
12/10/2015 11:30:00 PM	819000.000	11.195	17.558	25.517
1879.270	2190.675	1.490	1.132	532.122
1.000	14.672			
12/10/2015 11:45:00 PM	819900.000	11.206	17.557	25.542
1879.831	2191.334	1.490	1.133	531.963
1.000	14.659			
12/11/2015 12:00:00 AM	820800.000	11.186	17.557	25.497
1878.185	2189.432	1.489	1.132	532.429

1.000	14.677				
12/11/2015 12:15:00 AM	821700.000	11.191	17.557	25.508	
1878.706	2190.068	1.489	1.132	532.281	
1.000	14.675				
12/11/2015 12:30:00 AM	822600.000	11.192	17.557	25.510	
1878.929	2190.282	1.489	1.132	532.218	
1.000	14.671				
12/11/2015 12:45:00 AM	823500.000	11.189	17.557	25.504	
1876.519	2187.486	1.487	1.131	532.902	
1.000	14.676				
12/11/2015 1:00:00 AM	824400.000	11.199	17.557	25.525	
1877.700	2188.871	1.488	1.131	532.566	
1.000	14.666				
12/11/2015 1:15:00 AM	825300.000	11.201	17.557	25.531	
1878.631	2189.964	1.489	1.132	532.302	
1.000	14.663				
12/11/2015 1:30:00 AM	826200.000	11.196	17.557	25.518	
1879.169	2190.579	1.490	1.132	532.150	
1.000	14.666				
12/11/2015 1:45:00 AM	827100.000	11.192	17.557	25.509	
1875.366	2186.154	1.487	1.130	533.229	
1.000	14.671				
12/11/2015 2:00:00 AM	828000.000	11.194	17.557	25.516	
1880.120	2191.683	1.490	1.133	531.881	
1.000	14.667				
12/11/2015 2:15:00 AM	828900.000	11.193	17.557	25.513	
1880.098	2191.674	1.490	1.133	531.887	
1.000	14.667				
12/11/2015 2:30:00 AM	829800.000	11.195	17.558	25.517	
1878.696	2190.001	1.489	1.132	532.284	
1.000	14.666				
12/11/2015 2:45:00 AM	830700.000	11.196	17.557	25.520	
1877.182	2188.258	1.488	1.131	532.714	
1.000	14.663				
12/11/2015 3:00:00 AM	831600.000	11.201	17.557	25.530	
1877.704	2188.866	1.488	1.131	532.565	
1.000	14.658				
12/11/2015 3:15:00 AM	832500.000	11.196	17.557	25.520	
1878.128	2189.353	1.489	1.132	532.445	
1.000	14.660				
12/11/2015 3:30:00 AM	833400.000	11.197	17.557	25.520	
1878.108	2189.346	1.489	1.132	532.451	
1.000	14.661				
12/11/2015 3:45:00 AM	834300.000	11.204	17.557	25.538	
1878.230	2189.471	1.489	1.132	532.416	
1.000	14.649				
12/11/2015 4:00:00 AM	835200.000	11.200	17.557	25.528	
1878.179	2189.438	1.489	1.132	532.431	
1.000	14.652				
12/11/2015 4:15:00 AM	836100.000	11.198	17.557	25.524	
1877.697	2188.854	1.488	1.131	532.567	
1.000	14.651				
12/11/2015 4:30:00 AM	837000.000	11.196	17.557	25.520	
1879.362	2190.821	1.490	1.132	532.096	
1.000	14.650				
12/11/2015 4:45:00 AM	837900.000	11.197	17.557	25.521	

1880.360	2191.963	1.491	1.133	531.813
1.000	14.649			
12/11/2015 5:00:00 AM	838800.000	11.206	17.557	25.542
1878.212	2189.459	1.489	1.132	532.421
1.000	14.639			
12/11/2015 5:15:00 AM	839700.000	11.200	17.557	25.529
1877.645	2188.814	1.488	1.131	532.582
1.000	14.644			
12/11/2015 5:30:00 AM	840600.000	11.201	17.557	25.529
1874.933	2185.653	1.486	1.130	533.352
1.000	14.642			
12/11/2015 5:45:00 AM	841500.000	11.198	17.557	25.524
1875.497	2186.285	1.487	1.130	533.192
1.000	14.643			
12/11/2015 6:00:00 AM	842400.000	11.191	17.557	25.508
1879.880	2191.394	1.490	1.133	531.949
1.000	14.650			
12/11/2015 6:15:00 AM	843300.000	11.182	17.557	25.487
1877.133	2188.227	1.488	1.131	532.727
1.000	14.659			
12/11/2015 6:30:00 AM	844200.000	11.190	17.557	25.505
1876.704	2187.697	1.488	1.131	532.849
1.000	14.655			
12/11/2015 6:45:00 AM	845100.000	11.188	17.557	25.500
1875.196	2185.935	1.486	1.130	533.278
1.000	14.659			
12/11/2015 7:00:00 AM	846000.000	11.189	17.557	25.504
1875.556	2186.376	1.487	1.130	533.175
1.000	14.657			
12/11/2015 7:15:00 AM	846900.000	11.177	17.557	25.476
1875.751	2186.612	1.487	1.130	533.120
1.000	14.671			
12/11/2015 7:30:00 AM	847800.000	11.178	17.557	25.477
1876.111	2187.018	1.487	1.130	533.017
1.000	14.671			
12/11/2015 7:45:00 AM	848700.000	11.183	17.557	25.490
1876.676	2187.669	1.488	1.131	532.857
1.000	14.669			
12/11/2015 8:00:00 AM	849600.000	11.189	17.557	25.504
1877.053	2188.120	1.488	1.131	532.750
1.000	14.665			
12/11/2015 8:15:00 AM	850500.000	11.186	17.557	25.496
1876.081	2186.991	1.487	1.130	533.026
1.000	14.669			
12/11/2015 8:30:00 AM	851400.000	11.179	17.557	25.481
1874.760	2185.444	1.486	1.129	533.401
1.000	14.679			
12/11/2015 8:45:00 AM	852300.000	11.177	17.557	25.476
1875.116	2185.871	1.486	1.130	533.300
1.000	14.683			
12/11/2015 9:00:00 AM	853200.000	11.180	17.557	25.483
1875.093	2185.836	1.486	1.130	533.307
1.000	14.682			
12/11/2015 9:15:00 AM	854100.000	11.171	17.557	25.463
1879.476	2190.937	1.490	1.132	532.063
1.000	14.693			

12/11/2015 9:30:00 AM	855000.000	11.178	17.557	25.479
1877.862	2189.077	1.489	1.131	532.520
1.000	14.690			
12/11/2015 9:45:00 AM	855900.000	11.176	17.557	25.473
1879.197	2190.603	1.490	1.132	532.142
1.000	14.694			
12/11/2015 10:00:00 AM	856800.000	11.181	17.557	25.484
1877.099	2188.170	1.488	1.131	532.737
1.000	14.691			
12/11/2015 10:15:00 AM	857700.000	11.178	17.557	25.478
1874.497	2185.124	1.486	1.129	533.477
1.000	14.697			
12/11/2015 10:30:00 AM	858600.000	11.184	17.557	25.492
1874.754	2185.449	1.486	1.129	533.403
1.000	14.694			
12/11/2015 10:45:00 AM	859500.000	11.178	17.557	25.478
1877.114	2188.209	1.488	1.131	532.733
1.000	14.701			
12/11/2015 11:00:00 AM	860400.000	11.181	17.557	25.485
1876.858	2187.902	1.488	1.131	532.805
1.000	14.700			
12/11/2015 11:15:00 AM	861300.000	11.180	17.557	25.483
1877.631	2188.807	1.488	1.131	532.586
1.000	14.703			
12/11/2015 11:30:00 AM	862200.000	11.185	17.557	25.494
1878.792	2190.143	1.489	1.132	532.257
1.000	14.700			
12/11/2015 11:45:00 AM	863100.000	11.188	17.557	25.501
1878.130	2189.394	1.489	1.132	532.444
1.000	14.698			
12/11/2015 12:00:00 PM	864000.000	11.185	17.557	25.495
1877.433	2188.581	1.488	1.131	532.642
1.000	14.701			
12/11/2015 12:15:00 PM	864900.000	11.192	17.556	25.511
1877.851	2189.085	1.489	1.131	532.524
1.000	14.695			
12/11/2015 12:30:00 PM	865800.000	11.193	17.557	25.511
1876.748	2187.761	1.488	1.131	532.836
1.000	14.694			
12/11/2015 12:45:00 PM	866700.000	11.189	17.557	25.502
1879.783	2191.315	1.490	1.133	531.976
1.000	14.696			
12/11/2015 1:00:00 PM	867600.000	11.196	17.557	25.519
1879.184	2190.579	1.490	1.132	532.146
1.000	14.689			
12/11/2015 1:15:00 PM	868500.000	11.194	17.557	25.514
1877.919	2189.126	1.489	1.131	532.504
1.000	14.691			
12/11/2015 1:30:00 PM	869400.000	11.188	17.556	25.501
1879.559	2191.067	1.490	1.133	532.040
1.000	14.696			
12/11/2015 1:45:00 PM	870300.000	11.189	17.557	25.503
1877.949	2189.161	1.489	1.132	532.496
1.000	14.694			
12/11/2015 2:00:00 PM	871200.000	11.192	17.557	25.510
1877.731	2188.912	1.488	1.131	532.557

1.000	14.691			
12/11/2015 2:15:00 PM	872100.000	11.191	17.557	25.507
1877.093	2188.158	1.488	1.131	532.739
1.000	14.691			
12/11/2015 2:30:00 PM	873000.000	11.194	17.557	25.515
1879.904	2191.445	1.490	1.133	531.942
1.000	14.690			
12/11/2015 2:45:00 PM	873900.000	11.194	17.557	25.514
1876.576	2187.559	1.488	1.131	532.886
1.000	14.690			
12/11/2015 3:00:00 PM	874800.000	11.197	17.557	25.521
1875.595	2186.438	1.487	1.130	533.164
1.000	14.686			
12/11/2015 3:15:00 PM	875700.000	11.196	17.557	25.519
1874.392	2185.018	1.486	1.129	533.506
1.000	14.688			
12/11/2015 3:30:00 PM	876600.000	11.188	17.557	25.502
1873.583	2184.076	1.485	1.129	533.737
1.000	14.697			
12/11/2015 3:45:00 PM	877500.000	11.184	17.557	25.492
1874.223	2184.809	1.486	1.129	533.554
1.000	14.701			
12/11/2015 4:00:00 PM	878400.000	11.186	17.557	25.496
1874.938	2185.655	1.486	1.130	533.351
1.000	14.700			
12/11/2015 4:15:00 PM	879300.000	11.184	17.557	25.492
1876.326	2187.281	1.487	1.130	532.957
1.000	14.704			
12/11/2015 4:30:00 PM	880200.000	11.184	17.558	25.491
1875.853	2186.692	1.487	1.130	533.091
1.000	14.705			
12/11/2015 4:45:00 PM	881100.000	11.179	17.557	25.480
1875.902	2186.753	1.487	1.130	533.077
1.000	14.712			
12/11/2015 5:00:00 PM	882000.000	11.177	17.557	25.476
1875.612	2186.441	1.487	1.130	533.159
1.000	14.715			
12/11/2015 5:15:00 PM	882900.000	11.183	17.557	25.490
1875.192	2185.947	1.486	1.130	533.279
1.000	14.712			
12/11/2015 5:30:00 PM	883800.000	11.181	17.557	25.485
1876.513	2187.482	1.487	1.131	532.903
1.000	14.715			
12/11/2015 5:45:00 PM	884700.000	11.183	17.557	25.490
1875.542	2186.351	1.487	1.130	533.179
1.000	14.715			
12/11/2015 6:00:00 PM	885600.000	11.183	17.557	25.489
1877.488	2188.631	1.488	1.131	532.627
1.000	14.717			
12/11/2015 6:15:00 PM	886500.000	11.183	17.557	25.488
1878.760	2190.102	1.489	1.132	532.266
1.000	14.720			
12/11/2015 6:30:00 PM	887400.000	11.174	17.557	25.469
1881.708	2193.530	1.492	1.134	531.432
1.000	14.731			
12/11/2015 6:45:00 PM	888300.000	11.180	17.557	25.482

1880.095	2191.650	1.490	1.133	531.888
1.000	14.728			
12/11/2015 7:00:00 PM	889200.000	11.179	17.557	25.481
1879.246	2190.669	1.490	1.132	532.128
1.000	14.730			
12/11/2015 7:15:00 PM	890100.000	11.182	17.557	25.488
1878.196	2189.448	1.489	1.132	532.426
1.000	14.728			
12/11/2015 7:30:00 PM	891000.000	11.185	17.557	25.493
1877.696	2188.865	1.488	1.131	532.568
1.000	14.727			
12/11/2015 7:45:00 PM	891900.000	11.189	17.557	25.503
1877.752	2188.927	1.488	1.131	532.552
1.000	14.725			
12/11/2015 8:00:00 PM	892800.000	11.180	17.557	25.482
1876.426	2187.385	1.487	1.131	532.928
1.000	14.735			
12/11/2015 8:15:00 PM	893700.000	11.185	17.557	25.495
1877.603	2188.766	1.488	1.131	532.594
1.000	14.732			
12/11/2015 8:30:00 PM	894600.000	11.181	17.557	25.485
1874.576	2185.216	1.486	1.129	533.454
1.000	14.738			
12/11/2015 8:45:00 PM	895500.000	11.189	17.557	25.503
1876.459	2187.432	1.487	1.131	532.919
1.000	14.733			
12/11/2015 9:00:00 PM	896400.000	11.192	17.557	25.510
1876.271	2187.187	1.487	1.130	532.972
1.000	14.731			
12/11/2015 9:15:00 PM	897300.000	11.186	17.557	25.496
1877.237	2188.327	1.488	1.131	532.698
1.000	14.738			
12/11/2015 9:30:00 PM	898200.000	11.183	17.557	25.489
1878.497	2189.808	1.489	1.132	532.340
1.000	14.743			
12/11/2015 9:45:00 PM	899100.000	11.191	17.557	25.507
1877.972	2189.191	1.489	1.132	532.489
1.000	14.737			
12/11/2015 10:00:00 PM	900000.000	11.181	17.557	25.484
1878.907	2190.270	1.489	1.132	532.224
1.000	14.746			
12/11/2015 10:15:00 PM	900900.000	11.185	17.557	25.494
1879.416	2190.884	1.490	1.132	532.080
1.000	14.744			
12/11/2015 10:30:00 PM	901800.000	11.187	17.558	25.498
1877.485	2188.594	1.488	1.131	532.628
1.000	14.745			
12/11/2015 10:45:00 PM	902700.000	11.187	17.557	25.498
1877.264	2188.362	1.488	1.131	532.690
1.000	14.747			
12/11/2015 11:00:00 PM	903600.000	11.188	17.557	25.500
1877.558	2188.722	1.488	1.131	532.607
1.000	14.746			
12/11/2015 11:15:00 PM	904500.000	11.191	17.558	25.507
1877.205	2188.264	1.488	1.131	532.707
1.000	14.745			

12/11/2015 11:30:00 PM	905400.000	11.188	17.557	25.502
1879.837	2191.378	1.490	1.133	531.961
1.000	14.748			
12/11/2015 11:45:00 PM	906300.000	11.187	17.557	25.498
1881.187	2192.931	1.491	1.134	531.579
1.000	14.752			
12/12/2015 12:00:00 AM	907200.000	11.186	17.557	25.495
1880.713	2192.391	1.491	1.133	531.713
1.000	14.752			
12/12/2015 12:15:00 AM	908100.000	11.187	17.557	25.498
1878.186	2189.446	1.489	1.132	532.429
1.000	14.752			
12/12/2015 12:30:00 AM	909000.000	11.193	17.557	25.513
1877.765	2188.951	1.488	1.131	532.548
1.000	14.745			
12/12/2015 12:45:00 AM	909900.000	11.179	17.557	25.481
1878.458	2189.763	1.489	1.132	532.351
1.000	14.760			
12/12/2015 1:00:00 AM	910800.000	11.187	17.558	25.498
1877.675	2188.811	1.488	1.131	532.574
1.000	14.755			
12/12/2015 1:15:00 AM	911700.000	11.186	17.557	25.497
1875.233	2185.995	1.486	1.130	533.267
1.000	14.756			
12/12/2015 1:30:00 AM	912600.000	11.181	17.557	25.486
1875.529	2186.353	1.487	1.130	533.183
1.000	14.761			
12/12/2015 1:45:00 AM	913500.000	11.178	17.557	25.478
1875.400	2186.168	1.487	1.130	533.220
1.000	14.767			
12/12/2015 2:00:00 AM	914400.000	11.186	17.557	25.495
1875.167	2185.909	1.486	1.130	533.286
1.000	14.762			
12/12/2015 2:15:00 AM	915300.000	11.186	17.557	25.497
1876.443	2187.383	1.487	1.131	532.923
1.000	14.762			
12/12/2015 2:30:00 AM	916200.000	11.186	17.557	25.496
1876.167	2187.079	1.487	1.130	533.002
1.000	14.765			
12/12/2015 2:45:00 AM	917100.000	11.183	17.557	25.489
1876.187	2187.107	1.487	1.130	532.996
1.000	14.770			
12/12/2015 3:00:00 AM	918000.000	11.183	17.557	25.489
1877.740	2188.904	1.488	1.131	532.555
1.000	14.771			
12/12/2015 3:15:00 AM	918900.000	11.182	17.557	25.486
1877.547	2188.684	1.488	1.131	532.610
1.000	14.771			
12/12/2015 3:30:00 AM	919800.000	11.190	17.557	25.505
1878.457	2189.752	1.489	1.132	532.352
1.000	14.766			
12/12/2015 3:45:00 AM	920700.000	11.194	17.557	25.515
1878.290	2189.546	1.489	1.132	532.399
1.000	14.762			
12/12/2015 4:00:00 AM	921600.000	11.192	17.557	25.510
1877.544	2188.693	1.488	1.131	532.611

1.000	14.763			
12/12/2015 4:15:00 AM	922500.000	11.195	17.557	25.517
1876.603	2187.617	1.488	1.131	532.878
1.000	14.761			
12/12/2015 4:30:00 AM	923400.000	11.195	17.557	25.516
1880.688	2192.345	1.491	1.133	531.720
1.000	14.762			
12/12/2015 4:45:00 AM	924300.000	11.195	17.557	25.518
1879.470	2190.942	1.490	1.132	532.065
1.000	14.760			
12/12/2015 5:00:00 AM	925200.000	11.184	17.557	25.492
1878.644	2189.958	1.489	1.132	532.299
1.000	14.774			
12/12/2015 5:15:00 AM	926100.000	11.186	17.558	25.497
1880.181	2191.732	1.490	1.133	531.864
1.000	14.772			
12/12/2015 5:30:00 AM	927000.000	11.185	17.557	25.493
1878.823	2190.188	1.489	1.132	532.248
1.000	14.776			
12/12/2015 5:45:00 AM	927900.000	11.188	17.557	25.500
1879.952	2191.495	1.490	1.133	531.929
1.000	14.775			
12/12/2015 6:00:00 AM	928800.000	11.190	17.557	25.505
1878.828	2190.207	1.489	1.132	532.247
1.000	14.774			
12/12/2015 6:15:00 AM	929700.000	11.189	17.557	25.504
1880.654	2192.301	1.491	1.133	531.730
1.000	14.775			
12/12/2015 6:30:00 AM	930600.000	11.184	17.557	25.491
1881.778	2193.650	1.492	1.134	531.412
1.000	14.782			
12/12/2015 6:45:00 AM	931500.000	11.178	17.557	25.478
1879.229	2190.657	1.490	1.132	532.133
1.000	14.792			
12/12/2015 7:00:00 AM	932400.000	11.184	17.557	25.492
1878.800	2190.145	1.489	1.132	532.255
1.000	14.787			
12/12/2015 7:15:00 AM	933300.000	11.183	17.557	25.489
1878.223	2189.463	1.489	1.132	532.418
1.000	14.790			
12/12/2015 7:30:00 AM	934200.000	11.195	17.557	25.517
1877.579	2188.734	1.488	1.131	532.601
1.000	14.779			
12/12/2015 7:45:00 AM	935100.000	11.184	17.557	25.493
1877.649	2188.806	1.488	1.131	532.581
1.000	14.791			
12/12/2015 8:00:00 AM	936000.000	11.184	17.557	25.491
1879.733	2191.240	1.490	1.133	531.991
1.000	14.793			
12/12/2015 8:15:00 AM	936900.000	11.187	17.557	25.500
1879.404	2190.874	1.490	1.132	532.084
1.000	14.791			
12/12/2015 8:30:00 AM	937800.000	11.183	17.557	25.490
1878.698	2190.042	1.489	1.132	532.284
1.000	14.797			
12/12/2015 8:45:00 AM	938700.000	11.184	17.557	25.492

1879.652	2191.125	1.490	1.133	532.013
1.000	14.798			
12/12/2015 9:00:00 AM	939600.000	11.183	17.557	25.490
1879.826	2191.348	1.490	1.133	531.964
1.000	14.804			
12/12/2015 9:15:00 AM	940500.000	11.175	17.556	25.471
1883.477	2195.635	1.493	1.135	530.933
1.000	14.812			
12/12/2015 9:30:00 AM	941400.000	11.183	17.557	25.490
1884.424	2196.705	1.494	1.136	530.666
1.000	14.806			
12/12/2015 9:45:00 AM	942300.000	11.178	17.556	25.477
1884.347	2196.666	1.494	1.136	530.688
1.000	14.814			
12/12/2015 10:00:00 AM	943200.000	11.179	17.558	25.481
1881.167	2192.878	1.491	1.134	531.585
1.000	14.814			
12/12/2015 10:15:00 AM	944100.000	11.187	17.557	25.499
1881.630	2193.434	1.492	1.134	531.454
1.000	14.809			
12/12/2015 10:30:00 AM	945000.000	11.183	17.557	25.488
1881.890	2193.733	1.492	1.134	531.381
1.000	14.815			
12/12/2015 10:45:00 AM	945900.000	11.182	17.556	25.488
1883.826	2196.042	1.493	1.135	530.835
1.000	14.816			
12/12/2015 11:00:00 AM	946800.000	11.185	17.557	25.494
1882.455	2194.401	1.492	1.134	531.221
1.000	14.816			
12/12/2015 11:15:00 AM	947700.000	11.191	17.557	25.507
1880.555	2192.203	1.491	1.133	531.758
1.000	14.812			
12/12/2015 11:30:00 AM	948600.000	11.187	17.557	25.499
1878.924	2190.293	1.489	1.132	532.220
1.000	14.814			
12/12/2015 11:45:00 AM	949500.000	11.192	17.557	25.511
1877.245	2188.345	1.488	1.131	532.695
1.000	14.810			
12/12/2015 12:00:00 PM	950400.000	11.190	17.557	25.506
1878.509	2189.810	1.489	1.132	532.337
1.000	14.811			
12/12/2015 12:15:00 PM	951300.000	11.191	17.557	25.507
1877.746	2188.933	1.488	1.131	532.553
1.000	14.811			
12/12/2015 12:30:00 PM	952200.000	11.187	17.557	25.499
1876.844	2187.868	1.488	1.131	532.809
1.000	14.814			
12/12/2015 12:45:00 PM	953100.000	11.195	17.557	25.518
1876.240	2187.173	1.487	1.130	532.981
1.000	14.808			
12/12/2015 1:00:00 PM	954000.000	11.195	17.558	25.516
1877.377	2188.469	1.488	1.131	532.658
1.000	14.807			
12/12/2015 1:15:00 PM	954900.000	11.194	17.557	25.514
1877.724	2188.903	1.488	1.131	532.560
1.000	14.808			

12/12/2015 1:30:00 PM	955800.000	11.194	17.557	25.515
1878.511	2189.808	1.489	1.132	532.336
1.000	14.808			
12/12/2015 1:45:00 PM	956700.000	11.189	17.557	25.502
1878.973	2190.333	1.489	1.132	532.206
1.000	14.813			
12/12/2015 2:00:00 PM	957600.000	11.196	17.557	25.518
1878.490	2189.808	1.489	1.132	532.343
1.000	14.806			
12/12/2015 2:15:00 PM	958500.000	11.198	17.557	25.525
1878.777	2190.109	1.489	1.132	532.261
1.000	14.802			
12/12/2015 2:30:00 PM	959400.000	11.204	17.557	25.538
1878.871	2190.249	1.489	1.132	532.234
1.000	14.796			
12/12/2015 2:45:00 PM	960300.000	11.194	17.557	25.514
1879.340	2190.791	1.490	1.132	532.102
1.000	14.806			
12/12/2015 3:00:00 PM	961200.000	11.201	17.557	25.530
1877.934	2189.135	1.489	1.131	532.500
1.000	14.799			
12/12/2015 3:15:00 PM	962100.000	11.199	17.557	25.527
1877.372	2188.484	1.488	1.131	532.660
1.000	14.799			
12/12/2015 3:30:00 PM	963000.000	11.193	17.557	25.511
1877.003	2188.050	1.488	1.131	532.764
1.000	14.806			
12/12/2015 3:45:00 PM	963900.000	11.190	17.557	25.506
1876.923	2187.986	1.488	1.131	532.787
1.000	14.809			
12/12/2015 4:00:00 PM	964800.000	11.191	17.557	25.509
1877.733	2188.930	1.488	1.131	532.557
1.000	14.808			
12/12/2015 4:15:00 PM	965700.000	11.192	17.557	25.510
1877.392	2188.507	1.488	1.131	532.654
1.000	14.808			
12/12/2015 4:30:00 PM	966600.000	11.185	17.557	25.495
1878.247	2189.491	1.489	1.132	532.411
1.000	14.815			
12/12/2015 4:45:00 PM	967500.000	11.188	17.557	25.501
1875.962	2186.849	1.487	1.130	533.060
1.000	14.815			
12/12/2015 5:00:00 PM	968400.000	11.185	17.557	25.493
1876.016	2186.916	1.487	1.130	533.044
1.000	14.818			
12/12/2015 5:15:00 PM	969300.000	11.190	17.557	25.505
1876.624	2187.594	1.488	1.131	532.872
1.000	14.814			
12/12/2015 5:30:00 PM	970200.000	11.190	17.557	25.506
1876.168	2187.089	1.487	1.130	533.001
1.000	14.815			
12/12/2015 5:45:00 PM	971100.000	11.190	17.557	25.505
1875.062	2185.791	1.486	1.130	533.316
1.000	14.816			
12/12/2015 6:00:00 PM	972000.000	11.189	17.557	25.503
1876.138	2187.058	1.487	1.130	533.010

1.000	14.817			
12/12/2015 6:15:00 PM	972900.000	11.188	17.557	25.502
1875.625	2186.434	1.487	1.130	533.156
1.000	14.820			
12/12/2015 6:30:00 PM	973800.000	11.188	17.557	25.501
1876.298	2187.229	1.487	1.130	532.964
1.000	14.820			
12/12/2015 6:45:00 PM	974700.000	11.178	17.557	25.478
1876.418	2187.368	1.487	1.131	532.930
1.000	14.831			
12/12/2015 7:00:00 PM	975600.000	11.192	17.557	25.509
1876.124	2187.029	1.487	1.130	533.014
1.000	14.820			
12/12/2015 7:15:00 PM	976500.000	11.197	17.557	25.522
1876.030	2186.945	1.487	1.130	533.041
1.000	14.815			
12/12/2015 7:30:00 PM	977400.000	11.191	17.557	25.508
1877.508	2188.651	1.488	1.131	532.621
1.000	14.822			
12/12/2015 7:45:00 PM	978300.000	11.184	17.557	25.492
1877.566	2188.719	1.488	1.131	532.604
1.000	14.829			
12/12/2015 8:00:00 PM	979200.000	11.183	17.557	25.490
1877.168	2188.238	1.488	1.131	532.717
1.000	14.832			
12/12/2015 8:15:00 PM	980100.000	11.191	17.557	25.507
1876.418	2187.376	1.487	1.131	532.930
1.000	14.825			
12/12/2015 8:30:00 PM	981000.000	11.192	17.557	25.509
1876.776	2187.798	1.488	1.131	532.829
1.000	14.824			
12/12/2015 8:45:00 PM	981900.000	11.188	17.557	25.500
1877.516	2188.639	1.488	1.131	532.619
1.000	14.829			
12/12/2015 9:00:00 PM	982800.000	11.193	17.557	25.513
1877.566	2188.702	1.488	1.131	532.604
1.000	14.825			
12/12/2015 9:15:00 PM	983700.000	11.185	17.557	25.494
1878.464	2189.765	1.489	1.132	532.350
1.000	14.833			
12/12/2015 9:30:00 PM	984600.000	11.200	17.557	25.528
1878.624	2189.948	1.489	1.132	532.304
1.000	14.819			
12/12/2015 9:45:00 PM	985500.000	11.200	17.557	25.528
1878.482	2189.769	1.489	1.132	532.345
1.000	14.821			
12/12/2015 10:00:00 PM	986400.000	11.190	17.557	25.506
1876.115	2187.015	1.487	1.130	533.016
1.000	14.830			
12/12/2015 10:15:00 PM	987300.000	11.194	17.557	25.514
1875.954	2186.819	1.487	1.130	533.062
1.000	14.827			
12/12/2015 10:30:00 PM	988200.000	11.194	17.557	25.513
1877.250	2188.359	1.488	1.131	532.694
1.000	14.827			
12/12/2015 10:45:00 PM	989100.000	11.193	17.557	25.512

1876.095	2187.003	1.487	1.130	533.022
1.000	14.827			
12/12/2015 11:00:00 PM	990000.000	11.193	17.557	25.513
1876.447	2187.414	1.487	1.131	532.922
1.000	14.828			
12/12/2015 11:15:00 PM	990900.000	11.195	17.557	25.516
1876.039	2186.922	1.487	1.130	533.038
1.000	14.827			
12/12/2015 11:30:00 PM	991800.000	11.192	17.558	25.510
1876.198	2187.081	1.487	1.130	532.993
1.000	14.829			
12/12/2015 11:45:00 PM	992700.000	11.193	17.557	25.513
1877.036	2188.083	1.488	1.131	532.755
1.000	14.827			
12/13/2015 12:00:00 AM	993600.000	11.199	17.557	25.525
1877.516	2188.660	1.488	1.131	532.619
1.000	14.824			
12/13/2015 12:15:00 AM	994500.000	11.200	17.557	25.529
1878.428	2189.698	1.489	1.132	532.360
1.000	14.822			
12/13/2015 12:30:00 AM	995400.000	11.196	17.557	25.519
1877.022	2188.067	1.488	1.131	532.759
1.000	14.825			
12/13/2015 12:45:00 AM	996300.000	11.193	17.557	25.513
1877.552	2188.719	1.488	1.131	532.609
1.000	14.827			
12/13/2015 1:00:00 AM	997200.000	11.197	17.557	25.522
1877.919	2189.122	1.489	1.131	532.504
1.000	14.823			
12/13/2015 1:15:00 AM	998100.000	11.196	17.558	25.519
1878.269	2189.508	1.489	1.132	532.405
1.000	14.823			
12/13/2015 1:30:00 AM	999000.000	11.196	17.557	25.519
1878.109	2189.343	1.489	1.132	532.450
1.000	14.821			
12/13/2015 1:45:00 AM	999900.000	11.196	17.557	25.520
1878.482	2189.778	1.489	1.132	532.345
1.000	14.822			
12/13/2015 2:00:00 AM	1000800.000	11.201	17.557	25.531
1879.407	2190.856	1.490	1.132	532.083
1.000	14.816			
12/13/2015 2:15:00 AM	1001700.000	11.196	17.557	25.520
1880.227	2191.804	1.490	1.133	531.851
1.000	14.820			
12/13/2015 2:30:00 AM	1002600.000	11.194	17.557	25.514
1879.990	2191.549	1.490	1.133	531.918
1.000	14.819			
12/13/2015 2:45:00 AM	1003500.000	11.196	17.557	25.520
1879.135	2190.543	1.490	1.132	532.160
1.000	14.817			
12/13/2015 3:00:00 AM	1004400.000	11.199	17.557	25.526
1879.311	2190.749	1.490	1.132	532.110
1.000	14.815			
12/13/2015 3:15:00 AM	1005300.000	11.192	17.557	25.511
1878.614	2189.914	1.489	1.132	532.307
1.000	14.816			

12/13/2015 3:30:00 AM	1006200.000	11.211	17.557	25.552
1877.964	2189.166	1.489	1.132	532.492
1.000	14.799			
12/13/2015 3:45:00 AM	1007100.000	11.209	17.557	25.549
1878.720	2190.068	1.489	1.132	532.277
1.000	14.798			
12/13/2015 4:00:00 AM	1008000.000	11.201	17.557	25.530
1877.913	2189.110	1.489	1.131	532.506
1.000	14.803			
12/13/2015 4:15:00 AM	1008900.000	11.214	17.557	25.561
1879.950	2191.493	1.490	1.133	531.929
1.000	14.789			
12/13/2015 4:30:00 AM	1009800.000	11.217	17.557	25.566
1882.431	2194.402	1.492	1.134	531.228
1.000	14.782			
12/13/2015 4:45:00 AM	1010700.000	11.204	17.558	25.538
1880.052	2191.578	1.490	1.133	531.900
1.000	14.791			
12/13/2015 5:00:00 AM	1011600.000	11.205	17.557	25.540
1880.295	2191.878	1.490	1.133	531.831
1.000	14.786			
12/13/2015 5:15:00 AM	1012500.000	11.208	17.557	25.547
1880.384	2191.991	1.491	1.133	531.806
1.000	14.781			
12/13/2015 5:30:00 AM	1013400.000	11.205	17.558	25.540
1878.756	2190.072	1.489	1.132	532.267
1.000	14.783			
12/13/2015 5:45:00 AM	1014300.000	11.204	17.557	25.536
1879.015	2190.408	1.489	1.132	532.194
1.000	14.781			
12/13/2015 6:00:00 AM	1015200.000	11.205	17.557	25.540
1879.998	2191.537	1.490	1.133	531.915
1.000	14.776			
12/13/2015 6:15:00 AM	1016100.000	11.208	17.557	25.546
1880.103	2191.672	1.490	1.133	531.886
1.000	14.772			
12/13/2015 6:30:00 AM	1017000.000	11.203	17.558	25.536
1879.373	2190.782	1.490	1.132	532.092
1.000	14.773			
12/13/2015 6:45:00 AM	1017900.000	11.206	17.557	25.542
1878.857	2190.219	1.489	1.132	532.239
1.000	14.769			
12/13/2015 7:00:00 AM	1018800.000	11.198	17.557	25.524
1877.984	2189.209	1.489	1.132	532.486
1.000	14.776			
12/13/2015 7:15:00 AM	1019700.000	11.210	17.557	25.550
1879.221	2190.639	1.490	1.132	532.135
1.000	14.762			
12/13/2015 7:30:00 AM	1020600.000	11.212	17.557	25.556
1878.848	2190.217	1.489	1.132	532.241
1.000	14.757			
12/13/2015 7:45:00 AM	1021500.000	11.215	17.557	25.563
1878.415	2189.696	1.489	1.132	532.364
1.000	14.751			
12/13/2015 8:00:00 AM	1022400.000	11.216	17.557	25.564
1878.586	2189.900	1.489	1.132	532.315

1.000	14.747				
12/13/2015 8:15:00 AM	1023300.000	11.213	17.558	25.557	
1878.585	2189.872	1.489	1.132	532.316	
1.000	14.746				
12/13/2015 8:30:00 AM	1024200.000	11.207	17.557	25.544	
1879.585	2191.060	1.490	1.133	532.032	
1.000	14.750				
12/13/2015 8:45:00 AM	1025100.000	11.209	17.558	25.549	
1880.227	2191.786	1.490	1.133	531.851	
1.000	14.744				
12/13/2015 9:00:00 AM	1026000.000	11.220	17.557	25.573	
1880.190	2191.756	1.490	1.133	531.861	
1.000	14.731				
12/13/2015 9:15:00 AM	1026900.000	11.214	17.558	25.559	
1880.339	2191.921	1.491	1.133	531.819	
1.000	14.731				
12/13/2015 9:30:00 AM	1027800.000	11.213	17.557	25.559	
1880.540	2192.173	1.491	1.133	531.762	
1.000	14.728				
12/13/2015 9:45:00 AM	1028700.000	11.219	17.557	25.573	
1879.554	2191.024	1.490	1.133	532.041	
1.000	14.719				
12/13/2015 10:00:00 AM	1029600.000	11.220	17.557	25.574	
1879.996	2191.555	1.490	1.133	531.916	
1.000	14.713				
12/13/2015 10:15:00 AM	1030500.000	11.224	17.557	25.582	
1879.241	2190.663	1.490	1.132	532.130	
1.000	14.704				
12/13/2015 10:30:00 AM	1031400.000	11.231	17.557	25.598	
1879.102	2190.488	1.490	1.132	532.169	
1.000	14.691				
12/13/2015 10:45:00 AM	1032300.000	11.224	17.557	25.584	
1878.638	2189.969	1.489	1.132	532.301	
1.000	14.693				
12/13/2015 11:00:00 AM	1033200.000	11.185	17.557	25.493	
1879.343	2190.773	1.490	1.132	532.101	
1.000	14.728				
12/13/2015 11:15:00 AM	1034100.000	11.183	17.557	25.489	
1879.391	2190.846	1.490	1.132	532.087	
1.000	14.732				
12/13/2015 11:30:00 AM	1035000.000	11.188	17.557	25.501	
1878.196	2189.448	1.489	1.132	532.426	
1.000	14.729				
12/13/2015 11:45:00 AM	1035900.000	11.190	17.557	25.506	
1877.588	2188.745	1.488	1.131	532.598	
1.000	14.730				
12/13/2015 12:00:00 PM	1036800.000	11.188	17.557	25.501	
1880.689	2192.350	1.491	1.133	531.720	
1.000	14.732				
12/13/2015 12:15:00 PM	1037700.000	11.195	17.557	25.517	
1878.838	2190.205	1.489	1.132	532.244	
1.000	14.726				
12/13/2015 12:30:00 PM	1038600.000	11.198	17.557	25.524	
1878.400	2189.682	1.489	1.132	532.368	
1.000	14.724				
12/13/2015 12:45:00 PM	1039500.000	11.202	17.557	25.533	

1877.533	2188.676	1.488	1.131	532.614
1.000	14.721			
12/13/2015 1:00:00 PM	1040400.000	11.194	17.557	25.515
1878.159	2189.402	1.489	1.132	532.436
1.000	14.728			
12/13/2015 1:15:00 PM	1041300.000	11.199	17.557	25.527
1877.478	2188.608	1.488	1.131	532.629
1.000	14.722			
12/13/2015 1:30:00 PM	1042200.000	11.200	17.557	25.529
1877.725	2188.887	1.488	1.131	532.559
1.000	14.724			
12/13/2015 1:45:00 PM	1043100.000	11.205	17.557	25.539
1876.389	2187.330	1.487	1.131	532.939
1.000	14.718			
12/13/2015 2:00:00 PM	1044000.000	11.194	17.557	25.514
1878.945	2190.330	1.489	1.132	532.214
1.000	14.728			
12/13/2015 2:15:00 PM	1044900.000	11.196	17.557	25.520
1877.641	2188.802	1.488	1.131	532.583
1.000	14.725			
12/13/2015 2:30:00 PM	1045800.000	11.198	17.557	25.524
1878.010	2189.223	1.489	1.132	532.479
1.000	14.724			
12/13/2015 2:45:00 PM	1046700.000	11.182	17.557	25.487
1878.097	2189.312	1.489	1.132	532.454
1.000	14.739			
12/13/2015 3:00:00 PM	1047600.000	11.191	17.557	25.508
1878.786	2190.158	1.489	1.132	532.259
1.000	14.734			
12/13/2015 3:15:00 PM	1048500.000	11.195	17.557	25.517
1878.636	2189.966	1.489	1.132	532.301
1.000	14.731			
12/13/2015 3:30:00 PM	1049400.000	11.191	17.557	25.507
1877.379	2188.480	1.488	1.131	532.657
1.000	14.734			
12/13/2015 3:45:00 PM	1050300.000	11.199	17.557	25.525
1877.826	2188.997	1.489	1.131	532.531
1.000	14.730			
12/13/2015 4:00:00 PM	1051200.000	11.191	17.557	25.509
1878.113	2189.357	1.489	1.132	532.449
1.000	14.737			
12/13/2015 4:15:00 PM	1052100.000	11.197	17.557	25.521
1877.387	2188.484	1.488	1.131	532.655
1.000	14.732			
12/13/2015 4:30:00 PM	1053000.000	11.190	17.557	25.506
1877.164	2188.250	1.488	1.131	532.719
1.000	14.740			
12/13/2015 4:45:00 PM	1053900.000	11.189	17.557	25.504
1874.829	2185.516	1.486	1.130	533.382
1.000	14.743			
12/13/2015 5:00:00 PM	1054800.000	11.184	17.557	25.492
1874.718	2185.386	1.486	1.129	533.414
1.000	14.747			
12/13/2015 5:15:00 PM	1055700.000	11.184	17.557	25.492
1875.358	2186.123	1.487	1.130	533.232
1.000	14.749			

12/13/2015 5:30:00 PM	1056600.000	11.190	17.556	25.506
1875.420	2186.243	1.487	1.130	533.214
1.000	14.746			
12/13/2015 5:45:00 PM	1057500.000	11.185	17.557	25.495
1876.540	2187.505	1.488	1.131	532.896
1.000	14.751			
12/13/2015 6:00:00 PM	1058400.000	11.191	17.557	25.508
1876.262	2187.186	1.487	1.130	532.975
1.000	14.747			
12/13/2015 6:15:00 PM	1059300.000	11.189	17.557	25.502
1876.549	2187.533	1.488	1.131	532.893
1.000	14.753			
12/13/2015 6:30:00 PM	1060200.000	11.186	17.557	25.496
1875.865	2186.719	1.487	1.130	533.087
1.000	14.756			
12/13/2015 6:45:00 PM	1061100.000	11.191	17.557	25.508
1875.390	2186.182	1.487	1.130	533.222
1.000	14.755			
12/13/2015 7:00:00 PM	1062000.000	11.191	17.557	25.508
1875.163	2185.896	1.486	1.130	533.287
1.000	14.754			
12/13/2015 7:15:00 PM	1062900.000	11.192	17.557	25.510
1875.566	2186.375	1.487	1.130	533.172
1.000	14.756			
12/13/2015 7:30:00 PM	1063800.000	11.190	17.557	25.506
1875.193	2185.948	1.486	1.130	533.278
1.000	14.758			
12/13/2015 7:45:00 PM	1064700.000	11.188	17.557	25.500
1876.777	2187.786	1.488	1.131	532.828
1.000	14.762			
12/13/2015 8:00:00 PM	1065600.000	11.197	17.557	25.520
1878.089	2189.320	1.489	1.132	532.456
1.000	14.755			
12/13/2015 8:15:00 PM	1066500.000	11.196	17.557	25.518
1877.765	2188.955	1.488	1.131	532.548
1.000	14.758			
12/13/2015 8:30:00 PM	1067400.000	11.198	17.557	25.523
1877.322	2188.435	1.488	1.131	532.674
1.000	14.755			
12/13/2015 8:45:00 PM	1068300.000	11.186	17.557	25.497
1877.538	2188.669	1.488	1.131	532.612
1.000	14.768			
12/13/2015 9:00:00 PM	1069200.000	11.186	17.557	25.496
1877.851	2189.043	1.489	1.131	532.523
1.000	14.769			
12/13/2015 9:15:00 PM	1070100.000	11.194	17.557	25.514
1877.170	2188.252	1.488	1.131	532.717
1.000	14.760			
12/13/2015 9:30:00 PM	1071000.000	11.198	17.557	25.525
1877.745	2188.906	1.488	1.131	532.554
1.000	14.759			
12/13/2015 9:45:00 PM	1071900.000	11.193	17.557	25.512
1876.983	2188.017	1.488	1.131	532.770
1.000	14.763			
12/13/2015 10:00:00 PM	1072800.000	11.193	17.557	25.513
1877.291	2188.376	1.488	1.131	532.683

1.000	14.763				
12/13/2015 10:15:00 PM	1073700.000	11.200	17.557	25.529	
1877.034	2188.090	1.488	1.131	532.755	
1.000	14.759				
12/13/2015 10:30:00 PM	1074600.000	11.199	17.557	25.525	
1876.734	2187.736	1.488	1.131	532.841	
1.000	14.760				
12/13/2015 10:45:00 PM	1075500.000	11.200	17.557	25.529	
1876.663	2187.640	1.488	1.131	532.861	
1.000	14.757				
12/13/2015 11:00:00 PM	1076400.000	11.199	17.557	25.526	
1876.580	2187.556	1.488	1.131	532.884	
1.000	14.759				
12/13/2015 11:15:00 PM	1077300.000	11.198	17.558	25.523	
1878.077	2189.280	1.489	1.132	532.459	
1.000	14.759				
12/13/2015 11:30:00 PM	1078200.000	11.195	17.557	25.518	
1877.407	2188.511	1.488	1.131	532.650	
1.000	14.762				
12/13/2015 11:45:00 PM	1079100.000	11.195	17.558	25.518	
1877.690	2188.829	1.488	1.131	532.569	
1.000	14.761				
12/14/2015 12:00:00 AM	1080000.000	11.197	17.557	25.521	
1877.630	2188.789	1.488	1.131	532.586	
1.000	14.760				
12/14/2015 12:15:00 AM	1080900.000	11.199	17.557	25.525	
1877.655	2188.814	1.488	1.131	532.579	
1.000	14.759				
12/14/2015 12:30:00 AM	1081800.000	11.201	17.558	25.530	
1878.156	2189.377	1.489	1.132	532.437	
1.000	14.756				
12/14/2015 12:45:00 AM	1082700.000	11.206	17.557	25.543	
1878.477	2189.772	1.489	1.132	532.346	
1.000	14.751				
12/14/2015 1:00:00 AM	1083600.000	11.197	17.557	25.522	
1878.879	2190.228	1.489	1.132	532.232	
1.000	14.758				
12/14/2015 1:15:00 AM	1084500.000	11.198	17.557	25.524	
1879.319	2190.745	1.490	1.132	532.108	
1.000	14.758				
12/14/2015 1:30:00 AM	1085400.000	11.195	17.557	25.517	
1880.076	2191.623	1.490	1.133	531.893	
1.000	14.761				
12/14/2015 1:45:00 AM	1086300.000	11.196	17.557	25.518	
1879.223	2190.642	1.490	1.132	532.135	
1.000	14.762				
12/14/2015 2:00:00 AM	1087200.000	11.193	17.557	25.513	
1878.706	2190.056	1.489	1.132	532.281	
1.000	14.764				
12/14/2015 2:15:00 AM	1088100.000	11.186	17.557	25.497	
1878.770	2190.125	1.489	1.132	532.263	
1.000	14.774				
12/14/2015 2:30:00 AM	1089000.000	11.195	17.557	25.518	
1878.057	2189.300	1.489	1.132	532.465	
1.000	14.766				
12/14/2015 2:45:00 AM	1089900.000	11.196	17.557	25.520	

1877.490	2188.625	1.488	1.131	532.626
1.000	14.765			
12/14/2015 3:00:00 AM	1090800.000	11.201	17.558	25.530
1877.157	2188.203	1.488	1.131	532.721
1.000	14.763			
12/14/2015 3:15:00 AM	1091700.000	11.208	17.557	25.546
1877.373	2188.502	1.488	1.131	532.659
1.000	14.761			
12/14/2015 3:30:00 AM	1092600.000	11.200	17.557	25.528
1876.688	2187.670	1.488	1.131	532.854
1.000	14.764			
12/14/2015 3:45:00 AM	1093500.000	11.197	17.557	25.522
1877.429	2188.567	1.488	1.131	532.643
1.000	14.767			
12/14/2015 4:00:00 AM	1094400.000	11.195	17.557	25.517
1876.458	2187.406	1.487	1.131	532.919
1.000	14.769			
12/14/2015 4:15:00 AM	1095300.000	11.198	17.558	25.524
1875.619	2186.419	1.487	1.130	533.157
1.000	14.766			
12/14/2015 4:30:00 AM	1096200.000	11.200	17.557	25.528
1876.696	2187.721	1.488	1.131	532.851
1.000	14.764			
12/14/2015 4:45:00 AM	1097100.000	11.201	17.557	25.531
1880.695	2192.367	1.491	1.133	531.718
1.000	14.765			
12/14/2015 5:00:00 AM	1098000.000	11.200	17.557	25.529
1880.325	2191.939	1.491	1.133	531.823
1.000	14.764			
12/14/2015 5:15:00 AM	1098900.000	11.196	17.557	25.518
1883.883	2196.086	1.493	1.135	530.819
1.000	14.769			
12/14/2015 5:30:00 AM	1099800.000	11.195	17.558	25.516
1881.968	2193.816	1.492	1.134	531.359
1.000	14.771			
12/14/2015 5:45:00 AM	1100700.000	11.196	17.557	25.520
1880.037	2191.583	1.490	1.133	531.904
1.000	14.771			
12/14/2015 6:00:00 AM	1101600.000	11.192	17.557	25.511
1879.984	2191.533	1.490	1.133	531.919
1.000	14.775			
12/14/2015 6:15:00 AM	1102500.000	11.193	17.557	25.513
1878.113	2189.348	1.489	1.132	532.449
1.000	14.776			
12/14/2015 6:30:00 AM	1103400.000	11.201	17.558	25.531
1880.559	2192.178	1.491	1.133	531.757
1.000	14.769			
12/14/2015 6:45:00 AM	1104300.000	11.196	17.557	25.520
1880.018	2191.556	1.490	1.133	531.910
1.000	14.776			
12/14/2015 7:00:00 AM	1105200.000	11.194	17.557	25.515
1880.195	2191.796	1.490	1.133	531.860
1.000	14.780			
12/14/2015 7:15:00 AM	1106100.000	11.193	17.558	25.512
1880.172	2191.718	1.490	1.133	531.866
1.000	14.781			

12/14/2015 7:30:00 AM	1107000.000	11.194	17.557	25.515
1880.375	2191.988	1.491	1.133	531.809
1.000	14.781			
12/14/2015 7:45:00 AM	1107900.000	11.197	17.557	25.522
1880.076	2191.644	1.490	1.133	531.893
1.000	14.778			
12/14/2015 8:00:00 AM	1108800.000	11.194	17.557	25.516
1877.942	2189.136	1.489	1.131	532.498
1.000	14.783			
12/14/2015 8:15:00 AM	1109700.000	11.195	17.557	25.518
1878.550	2189.861	1.489	1.132	532.326
1.000	14.783			
12/14/2015 8:30:00 AM	1110600.000	11.195	17.557	25.517
1879.611	2191.090	1.490	1.133	532.025
1.000	14.783			
12/14/2015 8:45:00 AM	1111500.000	11.192	17.557	25.511
1879.907	2191.430	1.490	1.133	531.941
1.000	14.789			
12/14/2015 9:00:00 AM	1112400.000	11.196	17.557	25.519
1878.763	2190.118	1.489	1.132	532.265
1.000	14.786			
12/14/2015 9:15:00 AM	1113300.000	11.189	17.557	25.503
1879.367	2190.818	1.490	1.132	532.094
1.000	14.795			
12/14/2015 9:30:00 AM	1114200.000	11.190	17.557	25.506
1880.064	2191.631	1.490	1.133	531.897
1.000	14.793			
12/14/2015 9:45:00 AM	1115100.000	11.184	17.557	25.493
1880.191	2191.757	1.490	1.133	531.861
1.000	14.801			
12/14/2015 10:00:00 AM	1116000.000	11.189	17.558	25.504
1880.015	2191.540	1.490	1.133	531.911
1.000	14.799			
12/14/2015 10:15:00 AM	1116900.000	11.196	17.557	25.520
1879.966	2191.500	1.490	1.133	531.924
1.000	14.793			
12/14/2015 10:30:00 AM	1117800.000	11.192	17.557	25.510
1881.388	2193.161	1.491	1.134	531.522
1.000	14.798			
12/14/2015 10:45:00 AM	1118700.000	11.191	17.557	25.508
1879.978	2191.526	1.490	1.133	531.921
1.000	14.800			
12/14/2015 11:00:00 AM	1119600.000	11.199	17.557	25.526
1879.877	2191.396	1.490	1.133	531.950
1.000	14.793			
12/14/2015 11:15:00 AM	1120500.000	11.201	17.557	25.530
1880.302	2191.891	1.490	1.133	531.829
1.000	14.791			
12/14/2015 11:30:00 AM	1121400.000	11.198	17.557	25.525
1881.025	2192.725	1.491	1.133	531.625
1.000	14.794			
12/14/2015 11:45:00 AM	1122300.000	11.203	17.557	25.536
1880.963	2192.662	1.491	1.133	531.643
1.000	14.790			
12/14/2015 12:00:00 PM	1123200.000	11.206	17.558	25.543
1880.849	2192.516	1.491	1.133	531.675

1.000	14.785				
12/14/2015 12:15:00 PM	1124100.000	11.205	17.557	25.540	
1881.133	2192.894	1.491	1.134	531.594	
1.000	14.786				
12/14/2015 12:30:00 PM	1125000.000	11.212	17.558	25.556	
1880.840	2192.505	1.491	1.133	531.677	
1.000	14.779				
12/14/2015 12:45:00 PM	1125900.000	11.210	17.557	25.550	
1880.075	2191.643	1.490	1.133	531.894	
1.000	14.776				
12/14/2015 1:00:00 PM	1126800.000	11.212	17.557	25.555	
1878.850	2190.207	1.489	1.132	532.240	
1.000	14.774				
12/14/2015 1:15:00 PM	1127700.000	11.204	17.557	25.537	
1878.691	2190.026	1.489	1.132	532.285	
1.000	14.782				
12/14/2015 1:30:00 PM	1128600.000	11.198	17.557	25.525	
1878.231	2189.468	1.489	1.132	532.416	
1.000	14.786				
12/14/2015 1:45:00 PM	1129500.000	11.204	17.557	25.538	
1876.203	2187.113	1.487	1.130	532.991	
1.000	14.777				
12/14/2015 2:00:00 PM	1130400.000	11.205	17.557	25.540	
1875.775	2186.623	1.487	1.130	533.113	
1.000	14.776				
12/14/2015 2:15:00 PM	1131300.000	11.198	17.557	25.525	
1876.629	2187.609	1.488	1.131	532.870	
1.000	14.782				
12/14/2015 2:30:00 PM	1132200.000	11.204	17.557	25.537	
1877.547	2188.684	1.488	1.131	532.610	
1.000	14.777				
12/14/2015 2:45:00 PM	1133100.000	11.194	17.557	25.515	
1877.684	2188.831	1.488	1.131	532.571	
1.000	14.786				
12/14/2015 3:00:00 PM	1134000.000	11.199	17.557	25.526	
1877.630	2188.771	1.488	1.131	532.586	
1.000	14.782				
12/14/2015 3:15:00 PM	1134900.000	11.199	17.557	25.525	
1878.900	2190.253	1.489	1.132	532.226	
1.000	14.782				
12/14/2015 3:30:00 PM	1135800.000	11.204	17.557	25.537	
1878.925	2190.302	1.489	1.132	532.219	
1.000	14.777				
12/14/2015 3:45:00 PM	1136700.000	11.203	17.557	25.535	
1877.603	2188.762	1.488	1.131	532.594	
1.000	14.778				
12/14/2015 4:00:00 PM	1137600.000	11.203	17.557	25.536	
1878.489	2189.795	1.489	1.132	532.343	
1.000	14.777				
12/14/2015 4:15:00 PM	1138500.000	11.201	17.557	25.531	
1877.959	2189.169	1.489	1.132	532.493	
1.000	14.780				
12/14/2015 4:30:00 PM	1139400.000	11.196	17.557	25.519	
1877.281	2188.378	1.488	1.131	532.685	
1.000	14.786				
12/14/2015 4:45:00 PM	1140300.000	11.194	17.557	25.515	

1876.224	2187.154	1.487	1.130	532.986
1.000	14.789			
12/14/2015 5:00:00 PM	1141200.000	11.202	17.557	25.533
1877.391	2188.506	1.488	1.131	532.654
1.000	14.778			
12/14/2015 5:15:00 PM	1142100.000	11.199	17.557	25.525
1877.395	2188.524	1.488	1.131	532.653
1.000	14.784			
12/14/2015 5:30:00 PM	1143000.000	11.193	17.557	25.512
1876.981	2188.032	1.488	1.131	532.771
1.000	14.790			
12/14/2015 5:45:00 PM	1143900.000	11.200	17.557	25.527
1877.036	2188.084	1.488	1.131	532.755
1.000	14.783			
12/14/2015 6:00:00 PM	1144800.000	11.206	17.557	25.541
1878.170	2189.410	1.489	1.132	532.433
1.000	14.777			
12/14/2015 6:15:00 PM	1145700.000	11.196	17.558	25.520
1877.949	2189.123	1.489	1.131	532.496
1.000	14.788			
12/14/2015 6:30:00 PM	1146600.000	11.197	17.557	25.521
1876.716	2187.745	1.488	1.131	532.846
1.000	14.788			
12/14/2015 6:45:00 PM	1147500.000	11.200	17.557	25.529
1877.579	2188.708	1.488	1.131	532.601
1.000	14.786			
12/14/2015 7:00:00 PM	1148400.000	11.201	17.557	25.531
1877.634	2188.790	1.488	1.131	532.585
1.000	14.784			
12/14/2015 7:15:00 PM	1149300.000	11.192	17.557	25.510
1877.530	2188.651	1.488	1.131	532.615
1.000	14.795			
12/14/2015 7:30:00 PM	1150200.000	11.196	17.557	25.519
1879.005	2190.406	1.489	1.132	532.196
1.000	14.792			
12/14/2015 7:45:00 PM	1151100.000	11.195	17.557	25.518
1878.800	2190.140	1.489	1.132	532.255
1.000	14.795			
12/14/2015 8:00:00 PM	1152000.000	11.202	17.557	25.534
1879.629	2191.106	1.490	1.133	532.020
1.000	14.788			
12/14/2015 8:15:00 PM	1152900.000	11.198	17.557	25.523
1879.427	2190.872	1.490	1.132	532.077
1.000	14.791			
12/14/2015 8:30:00 PM	1153800.000	11.200	17.557	25.529
1878.998	2190.362	1.489	1.132	532.199
1.000	14.790			
12/14/2015 8:45:00 PM	1154700.000	11.198	17.557	25.524
1878.908	2190.278	1.489	1.132	532.224
1.000	14.792			
12/14/2015 9:00:00 PM	1155600.000	11.201	17.557	25.531
1878.753	2190.085	1.489	1.132	532.268
1.000	14.788			
12/14/2015 9:15:00 PM	1156500.000	11.206	17.558	25.542
1878.189	2189.415	1.489	1.132	532.428
1.000	14.783			

12/14/2015 9:30:00 PM	1157400.000	11.206	17.558	25.541
1878.790	2190.115	1.489	1.132	532.258
1.000	14.783			
12/14/2015 9:45:00 PM	1158300.000	11.204	17.557	25.537
1879.363	2190.805	1.490	1.132	532.095
1.000	14.783			
12/14/2015 10:00:00 PM	1159200.000	11.203	17.557	25.536
1879.192	2190.601	1.490	1.132	532.144
1.000	14.784			
12/14/2015 10:15:00 PM	1160100.000	11.203	17.557	25.535
1878.448	2189.734	1.489	1.132	532.354
1.000	14.784			
12/14/2015 10:30:00 PM	1161000.000	11.206	17.557	25.543
1878.073	2189.305	1.489	1.132	532.461
1.000	14.780			
12/14/2015 10:45:00 PM	1161900.000	11.205	17.557	25.539
1877.459	2188.581	1.488	1.131	532.635
1.000	14.781			
12/14/2015 11:00:00 PM	1162800.000	11.205	17.558	25.539
1878.481	2189.751	1.489	1.132	532.345
1.000	14.781			
12/14/2015 11:15:00 PM	1163700.000	11.200	17.557	25.529
1879.120	2190.505	1.490	1.132	532.164
1.000	14.785			
12/14/2015 11:30:00 PM	1164600.000	11.207	17.557	25.545
1880.125	2191.685	1.490	1.133	531.879
1.000	14.777			
12/14/2015 11:45:00 PM	1165500.000	11.204	17.558	25.537
1879.708	2191.186	1.490	1.133	531.997
1.000	14.780			
12/15/2015 12:00:00 AM	1166400.000	11.207	17.558	25.545
1879.627	2191.092	1.490	1.133	532.020
1.000	14.776			
12/15/2015 12:15:00 AM	1167300.000	11.210	17.557	25.551
1879.845	2191.375	1.490	1.133	531.959
1.000	14.773			
12/15/2015 12:30:00 AM	1168200.000	11.204	17.556	25.537
1880.692	2192.392	1.491	1.133	531.719
1.000	14.777			
12/15/2015 12:45:00 AM	1169100.000	11.207	17.558	25.544
1880.631	2192.253	1.491	1.133	531.737
1.000	14.773			
12/15/2015 1:00:00 AM	1170000.000	11.204	17.558	25.537
1880.859	2192.527	1.491	1.133	531.672
1.000	14.775			
12/15/2015 1:15:00 AM	1170900.000	11.205	17.557	25.541
1881.099	2192.829	1.491	1.134	531.604
1.000	14.773			
12/15/2015 1:30:00 AM	1171800.000	11.204	17.556	25.537
1881.903	2193.800	1.492	1.134	531.377
1.000	14.776			
12/15/2015 1:45:00 AM	1172700.000	11.203	17.557	25.535
1881.451	2193.221	1.491	1.134	531.505
1.000	14.775			
12/15/2015 2:00:00 AM	1173600.000	11.208	17.558	25.545
1880.412	2191.994	1.491	1.133	531.798

1.000	14.771				
12/15/2015 2:15:00 AM	1174500.000	11.205	17.558	25.539	
1881.038	2192.731	1.491	1.133	531.621	
1.000	14.775				
12/15/2015 2:30:00 AM	1175400.000	11.201	17.557	25.529	
1881.063	2192.787	1.491	1.133	531.614	
1.000	14.779				
12/15/2015 2:45:00 AM	1176300.000	11.199	17.557	25.525	
1880.766	2192.440	1.491	1.133	531.698	
1.000	14.780				
12/15/2015 3:00:00 AM	1177200.000	11.197	17.558	25.522	
1881.043	2192.720	1.491	1.133	531.620	
1.000	14.782				
12/15/2015 3:15:00 AM	1178100.000	11.196	17.557	25.520	
1880.129	2191.701	1.490	1.133	531.879	
1.000	14.783				
12/15/2015 3:30:00 AM	1179000.000	11.199	17.557	25.527	
1879.340	2190.761	1.490	1.132	532.102	
1.000	14.782				
12/15/2015 3:45:00 AM	1179900.000	11.198	17.558	25.525	
1880.233	2191.794	1.490	1.133	531.849	
1.000	14.789				
12/15/2015 4:00:00 AM	1180800.000	11.204	17.557	25.536	
1879.812	2191.349	1.490	1.133	531.968	
1.000	14.780				
12/15/2015 4:15:00 AM	1181700.000	11.193	17.558	25.512	
1879.667	2191.129	1.490	1.133	532.009	
1.000	14.791				
12/15/2015 4:30:00 AM	1182600.000	11.198	17.557	25.523	
1879.714	2191.226	1.490	1.133	531.996	
1.000	14.786				
12/15/2015 4:45:00 AM	1183500.000	11.194	17.557	25.514	
1879.448	2190.891	1.490	1.132	532.071	
1.000	14.792				
12/15/2015 5:00:00 AM	1184400.000	11.198	17.557	25.524	
1879.646	2191.126	1.490	1.133	532.015	
1.000	14.788				
12/15/2015 5:15:00 AM	1185300.000	11.198	17.558	25.523	
1881.908	2193.746	1.492	1.134	531.376	
1.000	14.790				
12/15/2015 5:30:00 AM	1186200.000	11.198	17.557	25.524	
1882.479	2194.424	1.492	1.134	531.215	
1.000	14.790				
12/15/2015 5:45:00 AM	1187100.000	11.203	17.557	25.535	
1882.893	2194.920	1.493	1.135	531.098	
1.000	14.787				
12/15/2015 6:00:00 AM	1188000.000	11.194	17.557	25.515	
1882.912	2194.946	1.493	1.135	531.092	
1.000	14.798				
12/15/2015 6:15:00 AM	1188900.000	11.195	17.558	25.518	
1881.335	2193.074	1.491	1.134	531.537	
1.000	14.797				
12/15/2015 6:30:00 AM	1189800.000	11.193	17.558	25.513	
1882.049	2193.914	1.492	1.134	531.336	
1.000	14.800				
12/15/2015 6:45:00 AM	1190700.000	11.203	17.557	25.534	

1881.006	2192.724	1.491	1.133	531.630
1.000	14.791			
12/15/2015 7:00:00 AM	1191600.000	11.192	17.557	25.511
1879.881	2191.408	1.490	1.133	531.949
1.000	14.803			
12/15/2015 7:15:00 AM	1192500.000	11.196	17.557	25.519
1879.516	2190.970	1.490	1.132	532.052
1.000	14.800			
12/15/2015 7:30:00 AM	1193400.000	11.199	17.558	25.526
1880.277	2191.849	1.490	1.133	531.836
1.000	14.799			
12/15/2015 7:45:00 AM	1194300.000	11.197	17.557	25.521
1875.745	2186.608	1.487	1.130	533.122
1.000	14.803			
12/15/2015 8:00:00 AM	1195200.000	11.195	17.557	25.517
1876.299	2187.225	1.487	1.130	532.964
1.000	14.806			
12/15/2015 8:15:00 AM	1196100.000	11.198	17.558	25.524
1875.875	2186.709	1.487	1.130	533.085
1.000	14.804			
12/15/2015 8:30:00 AM	1197000.000	11.198	17.557	25.525
1876.321	2187.250	1.487	1.130	532.958
1.000	14.805			
12/15/2015 8:45:00 AM	1197900.000	11.196	17.557	25.519
1877.659	2188.814	1.488	1.131	532.578
1.000	14.813			
12/15/2015 9:00:00 AM	1198800.000	11.197	17.557	25.522
1877.924	2189.115	1.489	1.131	532.503
1.000	14.810			
12/15/2015 9:15:00 AM	1199700.000	11.197	17.558	25.521
1877.999	2189.185	1.489	1.132	532.482
1.000	14.812			
12/15/2015 9:30:00 AM	1200600.000	11.190	17.557	25.506
1877.481	2188.624	1.488	1.131	532.629
1.000	14.819			
12/15/2015 9:45:00 AM	1201500.000	11.202	17.558	25.533
1877.091	2188.135	1.488	1.131	532.739
1.000	14.813			
12/15/2015 10:00:00 AM	1202400.000	11.196	17.557	25.520
1878.504	2189.812	1.489	1.132	532.339
1.000	14.815			
12/15/2015 10:15:00 AM	1203300.000	11.205	17.557	25.539
1878.418	2189.707	1.489	1.132	532.363
1.000	14.808			
12/15/2015 10:30:00 AM	1204200.000	11.197	17.557	25.522
1878.667	2189.985	1.489	1.132	532.292
1.000	14.816			
12/15/2015 10:45:00 AM	1205100.000	11.210	17.557	25.550
1878.499	2189.781	1.489	1.132	532.340
1.000	14.805			
12/15/2015 11:00:00 AM	1206000.000	11.200	17.557	25.527
1878.775	2190.116	1.489	1.132	532.262
1.000	14.815			
12/15/2015 11:15:00 AM	1206900.000	11.206	17.557	25.542
1879.708	2191.203	1.490	1.133	531.997
1.000	14.809			

12/15/2015 11:30:00 AM	1207800.000		11.209		17.557		25.548
1879.241	2190.646	1.490		1.132		532.130	
1.000	14.807						
12/15/2015 11:45:00 AM	1208700.000		11.211		17.558		25.553
1879.350	2190.769	1.490		1.132		532.099	
1.000	14.802						
12/15/2015 12:00:00 PM	1209600.000		11.217		17.557		25.566
1879.154	2190.548	1.490		1.132		532.154	
1.000	14.796						
12/15/2015 12:15:00 PM	1210500.000		11.210		17.557		25.551
1879.893	2191.415	1.490		1.133		531.945	
1.000	14.799						
12/15/2015 12:30:00 PM	1211400.000		11.208		17.557		25.547
1879.859	2191.374	1.490		1.133		531.955	
1.000	14.802						
12/15/2015 12:45:00 PM	1212300.000		11.207		17.557		25.544
1879.492	2190.952	1.490		1.132		532.059	
1.000	14.801						
12/15/2015 1:00:00 PM	1213200.000		11.207		17.557		25.545
1879.414	2190.856	1.490		1.132		532.081	
1.000	14.798						
12/15/2015 1:15:00 PM	1214100.000		11.214		17.557		25.560
1880.715	2192.364	1.491		1.133		531.713	
1.000	14.791						
12/15/2015 1:30:00 PM	1215000.000		11.208		17.558		25.546
1880.222	2191.776	1.490		1.133		531.852	
1.000	14.796						
12/15/2015 1:45:00 PM	1215900.000		11.211		17.557		25.553
1880.491	2192.128	1.491		1.133		531.776	
1.000	14.793						
12/15/2015 2:00:00 PM	1216800.000		11.210		17.558		25.552
1879.437	2190.869	1.490		1.132		532.074	
1.000	14.791						
12/15/2015 2:15:00 PM	1217700.000		11.206		17.557		25.543
1878.959	2190.334	1.489		1.132		532.209	
1.000	14.795						
12/15/2015 2:30:00 PM	1218600.000		11.214		17.558		25.559
1878.053	2189.257	1.489		1.132		532.466	
1.000	14.786						
12/15/2015 2:45:00 PM	1219500.000		11.210		17.557		25.551
1878.250	2189.511	1.489		1.132		532.410	
1.000	14.789						
12/15/2015 3:00:00 PM	1220400.000		11.206		17.557		25.542
1878.177	2189.405	1.489		1.132		532.431	
1.000	14.792						
12/15/2015 3:15:00 PM	1221300.000		11.203		17.557		25.534
1878.067	2189.276	1.489		1.132		532.463	
1.000	14.795						
12/15/2015 3:30:00 PM	1222200.000		11.205		17.558		25.541
1878.099	2189.306	1.489		1.132		532.453	
1.000	14.793						
12/15/2015 3:45:00 PM	1223100.000		11.206		17.557		25.541
1877.763	2188.927	1.488		1.131		532.549	
1.000	14.792						
12/15/2015 4:00:00 PM	1224000.000		11.201		17.557		25.530
1877.938	2189.131	1.489		1.131		532.499	

1.000	14.797				
12/15/2015 4:15:00 PM	1224900.000	11.210	17.558	25.550	
1878.908	2190.253	1.489	1.132	532.224	
1.000	14.789				
12/15/2015 4:30:00 PM	1225800.000	11.196	17.557	25.520	
1878.977	2190.359	1.489	1.132	532.204	
1.000	14.803				
12/15/2015 4:45:00 PM	1226700.000	11.204	17.557	25.536	
1878.476	2189.771	1.489	1.132	532.346	
1.000	14.796				
12/15/2015 5:00:00 PM	1227600.000	11.204	17.558	25.538	
1879.061	2190.431	1.489	1.132	532.181	
1.000	14.796				
12/15/2015 5:15:00 PM	1228500.000	11.200	17.557	25.528	
1879.338	2190.788	1.490	1.132	532.102	
1.000	14.802				
12/15/2015 5:30:00 PM	1229400.000	11.198	17.557	25.523	
1882.066	2193.939	1.492	1.134	531.331	
1.000	14.806				
12/15/2015 5:45:00 PM	1230300.000	11.198	17.557	25.524	
1882.418	2194.358	1.492	1.134	531.232	
1.000	14.807				
12/15/2015 6:00:00 PM	1231200.000	11.187	17.558	25.498	
1880.609	2192.232	1.491	1.133	531.743	
1.000	14.820				
12/15/2015 6:15:00 PM	1232100.000	11.196	17.557	25.519	
1879.724	2191.213	1.490	1.133	531.993	
1.000	14.812				
12/15/2015 6:30:00 PM	1233000.000	11.201	17.558	25.530	
1879.490	2190.922	1.490	1.132	532.059	
1.000	14.810				
12/15/2015 6:45:00 PM	1233900.000	11.199	17.557	25.527	
1880.467	2192.092	1.491	1.133	531.783	
1.000	14.812				
12/15/2015 7:00:00 PM	1234800.000	11.200	17.557	25.527	
1879.633	2191.107	1.490	1.133	532.019	
1.000	14.814				
12/15/2015 7:15:00 PM	1235700.000	11.195	17.557	25.517	
1879.623	2191.095	1.490	1.133	532.022	
1.000	14.821				
12/15/2015 7:30:00 PM	1236600.000	11.197	17.558	25.521	
1879.951	2191.443	1.490	1.133	531.929	
1.000	14.821				
12/15/2015 7:45:00 PM	1237500.000	11.199	17.557	25.525	
1880.654	2192.305	1.491	1.133	531.730	
1.000	14.820				
12/15/2015 8:00:00 PM	1238400.000	11.205	17.557	25.539	
1881.590	2193.392	1.492	1.134	531.466	
1.000	14.816				
12/15/2015 8:15:00 PM	1239300.000	11.196	17.557	25.519	
1879.968	2191.497	1.490	1.133	531.924	
1.000	14.825				
12/15/2015 8:30:00 PM	1240200.000	11.196	17.557	25.520	
1879.481	2190.930	1.490	1.132	532.062	
1.000	14.826				
12/15/2015 8:45:00 PM	1241100.000	11.188	17.557	25.501	

1878.458	2189.733	1.489	1.132	532.351
1.000	14.834			
12/15/2015 9:00:00 PM	1242000.000	11.197	17.558	25.521
1877.478	2188.582	1.488	1.131	532.629
1.000	14.828			
12/15/2015 9:15:00 PM	1242900.000	11.196	17.557	25.519
1878.119	2189.355	1.489	1.132	532.448
1.000	14.829			
12/15/2015 9:30:00 PM	1243800.000	11.198	17.558	25.523
1878.175	2189.394	1.489	1.132	532.432
1.000	14.829			
12/15/2015 9:45:00 PM	1244700.000	11.200	17.558	25.529
1878.545	2189.830	1.489	1.132	532.327
1.000	14.828			
12/15/2015 10:00:00 PM	1245600.000	11.194	17.557	25.514
1878.494	2189.804	1.489	1.132	532.341
1.000	14.834			
12/15/2015 10:15:00 PM	1246500.000	11.197	17.558	25.520
1879.112	2190.483	1.490	1.132	532.166
1.000	14.836			
12/15/2015 10:30:00 PM	1247400.000	11.196	17.557	25.520
1878.387	2189.659	1.489	1.132	532.372
1.000	14.835			
12/15/2015 10:45:00 PM	1248300.000	11.198	17.558	25.524
1879.192	2190.584	1.490	1.132	532.144
1.000	14.836			
12/15/2015 11:00:00 PM	1249200.000	11.200	17.557	25.529
1879.580	2191.058	1.490	1.133	532.034
1.000	14.835			
12/15/2015 11:15:00 PM	1250100.000	11.199	17.558	25.526
1879.284	2190.683	1.490	1.132	532.117
1.000	14.836			
12/15/2015 11:30:00 PM	1251000.000	11.203	17.558	25.535
1880.107	2191.646	1.490	1.133	531.885
1.000	14.833			
12/15/2015 11:45:00 PM	1251900.000	11.203	17.558	25.535
1879.758	2191.235	1.490	1.133	531.983
1.000	14.834			
12/16/2015 12:00:00 AM	1252800.000	11.198	17.557	25.523
1879.578	2191.068	1.490	1.133	532.034
1.000	14.840			
12/16/2015 12:15:00 AM	1253700.000	11.202	17.558	25.534
1878.950	2190.298	1.489	1.132	532.212
1.000	14.835			
12/16/2015 12:30:00 AM	1254600.000	11.207	17.557	25.545
1879.487	2190.949	1.490	1.132	532.060
1.000	14.832			
12/16/2015 12:45:00 AM	1255500.000	11.204	17.557	25.538
1878.606	2189.918	1.489	1.132	532.310
1.000	14.834			
12/16/2015 1:00:00 AM	1256400.000	11.201	17.557	25.530
1878.126	2189.350	1.489	1.132	532.446
1.000	14.832			
12/16/2015 1:15:00 AM	1257300.000	11.205	17.557	25.539
1880.485	2192.114	1.491	1.133	531.778
1.000	14.833			

12/16/2015 1:30:00 AM	1258200.000	11.204	17.557	25.538
1880.300	2191.888	1.490	1.133	531.830
1.000	14.832			
12/16/2015 1:45:00 AM	1259100.000	11.205	17.558	25.539
1880.926	2192.605	1.491	1.133	531.653
1.000	14.833			
12/16/2015 2:00:00 AM	1260000.000	11.203	17.557	25.536
1880.916	2192.602	1.491	1.133	531.656
1.000	14.834			
12/16/2015 2:15:00 AM	1260900.000	11.201	17.557	25.530
1880.831	2192.500	1.491	1.133	531.680
1.000	14.836			
12/16/2015 2:30:00 AM	1261800.000	11.200	17.557	25.528
1880.645	2192.283	1.491	1.133	531.732
1.000	14.839			
12/16/2015 2:45:00 AM	1262700.000	11.201	17.557	25.530
1881.366	2193.136	1.491	1.134	531.529
1.000	14.840			
12/16/2015 3:00:00 AM	1263600.000	11.203	17.557	25.535
1880.047	2191.594	1.490	1.133	531.901
1.000	14.838			
12/16/2015 3:15:00 AM	1264500.000	11.201	17.557	25.531
1878.722	2190.049	1.489	1.132	532.277
1.000	14.840			
12/16/2015 3:30:00 AM	1265400.000	11.203	17.558	25.535
1878.846	2190.172	1.489	1.132	532.242
1.000	14.839			
12/16/2015 3:45:00 AM	1266300.000	11.204	17.557	25.538
1879.030	2190.399	1.489	1.132	532.190
1.000	14.839			
12/16/2015 4:00:00 AM	1267200.000	11.205	17.558	25.539
1881.013	2192.707	1.491	1.133	531.628
1.000	14.838			
12/16/2015 4:15:00 AM	1268100.000	11.202	17.557	25.532
1881.057	2192.776	1.491	1.133	531.616
1.000	14.841			
12/16/2015 4:30:00 AM	1269000.000	11.206	17.557	25.542
1881.120	2192.836	1.491	1.134	531.598
1.000	14.837			
12/16/2015 4:45:00 AM	1269900.000	11.210	17.557	25.551
1881.234	2192.969	1.491	1.134	531.566
1.000	14.834			
12/16/2015 5:00:00 AM	1270800.000	11.210	17.557	25.551
1881.531	2193.333	1.491	1.134	531.482
1.000	14.833			
12/16/2015 5:15:00 AM	1271700.000	11.210	17.557	25.550
1879.354	2190.791	1.490	1.132	532.098
1.000	14.832			
12/16/2015 5:30:00 AM	1272600.000	11.211	17.557	25.553
1879.834	2191.346	1.490	1.133	531.962
1.000	14.831			
12/16/2015 5:45:00 AM	1273500.000	11.204	17.558	25.538
1880.022	2191.534	1.490	1.133	531.909
1.000	14.839			
12/16/2015 6:00:00 AM	1274400.000	11.209	17.557	25.548
1879.819	2191.332	1.490	1.133	531.966

1.000	14.834				
12/16/2015 6:15:00 AM	1275300.000	11.206	17.557	25.542	
1880.504	2192.143	1.491	1.133	531.772	
1.000	14.836				
12/16/2015 6:30:00 AM	1276200.000	11.206	17.557	25.543	
1879.778	2191.285	1.490	1.133	531.978	
1.000	14.840				
12/16/2015 6:45:00 AM	1277100.000	11.213	17.558	25.558	
1881.415	2193.175	1.491	1.134	531.515	
1.000	14.831				
12/16/2015 7:00:00 AM	1278000.000	11.212	17.557	25.555	
1880.948	2192.644	1.491	1.133	531.647	
1.000	14.831				
12/16/2015 7:15:00 AM	1278900.000	11.207	17.557	25.544	
1880.629	2192.272	1.491	1.133	531.737	
1.000	14.835				
12/16/2015 7:30:00 AM	1279800.000	11.202	17.557	25.533	
1881.113	2192.828	1.491	1.134	531.600	
1.000	14.841				
12/16/2015 7:45:00 AM	1280700.000	11.205	17.558	25.539	
1881.162	2192.880	1.491	1.134	531.586	
1.000	14.839				
12/16/2015 8:00:00 AM	1281600.000	11.204	17.558	25.538	
1882.512	2194.454	1.492	1.134	531.205	
1.000	14.841				
12/16/2015 8:15:00 AM	1282500.000	11.207	17.557	25.545	
1882.141	2194.027	1.492	1.134	531.310	
1.000	14.840				
12/16/2015 8:30:00 AM	1283400.000	11.202	17.558	25.533	
1882.260	2194.156	1.492	1.134	531.276	
1.000	14.845				
12/16/2015 8:45:00 AM	1284300.000	11.203	17.558	25.535	
1882.852	2194.851	1.492	1.135	531.109	
1.000	14.846				
12/16/2015 9:00:00 AM	1285200.000	11.203	17.557	25.535	
1883.924	2196.114	1.493	1.135	530.807	
1.000	14.849				
12/16/2015 9:15:00 AM	1286100.000	11.195	17.558	25.517	
1882.700	2194.639	1.492	1.134	531.152	
1.000	14.858				
12/16/2015 9:30:00 AM	1287000.000	11.199	17.558	25.527	
1882.206	2194.077	1.492	1.134	531.291	
1.000	14.855				
12/16/2015 9:45:00 AM	1287900.000	11.199	17.557	25.526	
1881.498	2193.285	1.491	1.134	531.491	
1.000	14.858				
12/16/2015 10:00:00 AM	1288800.000	11.203	17.557	25.535	
1879.928	2191.463	1.490	1.133	531.935	
1.000	14.854				
12/16/2015 10:15:00 AM	1289700.000	11.204	17.557	25.537	
1879.156	2190.559	1.490	1.132	532.154	
1.000	14.855				
12/16/2015 10:30:00 AM	1290600.000	11.207	17.557	25.545	
1879.185	2190.602	1.490	1.132	532.145	
1.000	14.851				
12/16/2015 10:45:00 AM	1291500.000	11.207	17.557	25.544	

1879.263	2190.692	1.490	1.132	532.123
1.000	14.854			
12/16/2015 11:00:00 AM	1292400.000	11.223	17.557	25.580
1878.569	2189.880	1.489	1.132	532.320
1.000	14.840			
12/16/2015 11:15:00 AM	1293300.000	11.218	17.558	25.569
1878.603	2189.888	1.489	1.132	532.311
1.000	14.840			
12/16/2015 11:30:00 AM	1294200.000	11.217	17.557	25.568
1878.579	2189.895	1.489	1.132	532.317
1.000	14.839			
12/16/2015 11:45:00 AM	1295100.000	11.215	17.557	25.562
1878.156	2189.394	1.489	1.132	532.437
1.000	14.841			
12/16/2015 12:00:00 PM	1296000.000	11.218	17.557	25.570
1878.868	2190.228	1.489	1.132	532.235
1.000	14.835			
12/16/2015 12:15:00 PM	1296900.000	11.218	17.557	25.569
1879.515	2190.973	1.490	1.132	532.052
1.000	14.834			
12/16/2015 12:30:00 PM	1297800.000	11.220	17.557	25.574
1879.018	2190.394	1.489	1.132	532.193
1.000	14.829			
12/16/2015 12:45:00 PM	1298700.000	11.219	17.557	25.571
1877.938	2189.144	1.489	1.132	532.499
1.000	14.829			
12/16/2015 1:00:00 PM	1299600.000	11.219	17.557	25.573
1877.773	2188.964	1.488	1.131	532.546
1.000	14.827			
12/16/2015 1:15:00 PM	1300500.000	11.218	17.557	25.570
1877.340	2188.438	1.488	1.131	532.669
1.000	14.826			
12/16/2015 1:30:00 PM	1301400.000	11.221	17.557	25.576
1877.740	2188.904	1.488	1.131	532.555
1.000	14.821			
12/16/2015 1:45:00 PM	1302300.000	11.210	17.557	25.551
1877.810	2188.986	1.489	1.131	532.535
1.000	14.831			
12/16/2015 2:00:00 PM	1303200.000	11.207	17.558	25.544
1879.375	2190.789	1.490	1.132	532.092
1.000	14.834			
12/16/2015 2:15:00 PM	1304100.000	11.216	17.557	25.566
1879.221	2190.631	1.490	1.132	532.135
1.000	14.823			
12/16/2015 2:30:00 PM	1305000.000	11.208	17.558	25.548
1880.003	2191.495	1.490	1.133	531.914
1.000	14.830			
12/16/2015 2:45:00 PM	1305900.000	11.201	17.557	25.532
1880.838	2192.511	1.491	1.133	531.678
1.000	14.834			
12/16/2015 3:00:00 PM	1306800.000	11.208	17.558	25.547
1880.333	2191.914	1.491	1.133	531.821
1.000	14.828			
12/16/2015 3:15:00 PM	1307700.000	11.204	17.557	25.538
1880.534	2192.161	1.491	1.133	531.764
1.000	14.833			

12/16/2015 3:30:00 PM	1308600.000	11.203	17.557	25.536
1880.993	2192.701	1.491	1.133	531.634
1.000	14.834			
12/16/2015 3:45:00 PM	1309500.000	11.209	17.557	25.548
1879.632	2191.114	1.490	1.133	532.019
1.000	14.831			
12/16/2015 4:00:00 PM	1310400.000	11.204	17.557	25.538
1878.921	2190.285	1.489	1.132	532.220
1.000	14.831			
12/16/2015 4:15:00 PM	1311300.000	11.201	17.558	25.531
1878.864	2190.188	1.489	1.132	532.237
1.000	14.834			
12/16/2015 4:30:00 PM	1312200.000	11.201	17.557	25.532
1879.093	2190.473	1.490	1.132	532.172
1.000	14.834			
12/16/2015 4:45:00 PM	1313100.000	11.201	17.557	25.530
1878.553	2189.843	1.489	1.132	532.325
1.000	14.834			
12/16/2015 5:00:00 PM	1314000.000	11.210	17.557	25.550
1879.855	2191.361	1.490	1.133	531.956
1.000	14.827			
12/16/2015 5:15:00 PM	1314900.000	11.206	17.557	25.542
1880.218	2191.789	1.490	1.133	531.853
1.000	14.831			
12/16/2015 5:30:00 PM	1315800.000	11.210	17.558	25.552
1880.668	2192.300	1.491	1.133	531.726
1.000	14.827			
12/16/2015 5:45:00 PM	1316700.000	11.203	17.558	25.535
1879.610	2191.058	1.490	1.133	532.025
1.000	14.834			
12/16/2015 6:00:00 PM	1317600.000	11.201	17.557	25.531
1880.026	2191.560	1.490	1.133	531.908
1.000	14.837			
12/16/2015 6:15:00 PM	1318500.000	11.203	17.557	25.536
1879.055	2190.468	1.490	1.132	532.182
1.000	14.837			
12/16/2015 6:30:00 PM	1319400.000	11.198	17.558	25.524
1880.148	2191.699	1.490	1.133	531.873
1.000	14.842			
12/16/2015 6:45:00 PM	1320300.000	11.200	17.557	25.528
1880.733	2192.398	1.491	1.133	531.708
1.000	14.842			
12/16/2015 7:00:00 PM	1321200.000	11.203	17.557	25.536
1880.008	2191.553	1.490	1.133	531.913
1.000	14.839			
12/16/2015 7:15:00 PM	1322100.000	11.199	17.557	25.525
1879.658	2191.131	1.490	1.133	532.012
1.000	14.844			
12/16/2015 7:30:00 PM	1323000.000	11.207	17.557	25.544
1879.807	2191.318	1.490	1.133	531.969
1.000	14.836			
12/16/2015 7:45:00 PM	1323900.000	11.203	17.558	25.535
1880.846	2192.508	1.491	1.133	531.676
1.000	14.841			
12/16/2015 8:00:00 PM	1324800.000	11.205	17.557	25.541
1880.980	2192.677	1.491	1.133	531.638

1.000	14.840				
12/16/2015 8:15:00 PM	1325700.000	11.198	17.557	25.523	
1882.606	2194.594	1.492	1.134	531.179	
1.000	14.844				
12/16/2015 8:30:00 PM	1326600.000	11.199	17.558	25.525	
1881.610	2193.398	1.492	1.134	531.460	
1.000	14.849				
12/16/2015 8:45:00 PM	1327500.000	11.199	17.558	25.527	
1880.589	2192.200	1.491	1.133	531.748	
1.000	14.850				
12/16/2015 9:00:00 PM	1328400.000	11.205	17.557	25.539	
1881.218	2192.989	1.491	1.134	531.570	
1.000	14.847				
12/16/2015 9:15:00 PM	1329300.000	11.202	17.557	25.534	
1880.798	2192.486	1.491	1.133	531.689	
1.000	14.849				
12/16/2015 9:30:00 PM	1330200.000	11.204	17.558	25.537	
1880.193	2191.739	1.490	1.133	531.860	
1.000	14.848				
12/16/2015 9:45:00 PM	1331100.000	11.206	17.557	25.542	
1880.133	2191.689	1.490	1.133	531.877	
1.000	14.847				
12/16/2015 10:00:00 PM	1332000.000	11.203	17.557	25.534	
1879.320	2190.738	1.490	1.132	532.107	
1.000	14.852				
12/16/2015 10:15:00 PM	1332900.000	11.203	17.557	25.536	
1879.471	2190.914	1.490	1.132	532.065	
1.000	14.851				
12/16/2015 10:30:00 PM	1333800.000	11.206	17.557	25.542	
1879.603	2191.085	1.490	1.133	532.027	
1.000	14.850				
12/16/2015 10:45:00 PM	1334700.000	11.205	17.558	25.539	
1877.829	2188.996	1.489	1.131	532.530	
1.000	14.851				
12/16/2015 11:00:00 PM	1335600.000	11.201	17.557	25.531	
1877.750	2188.907	1.488	1.131	532.552	
1.000	14.855				
12/16/2015 11:15:00 PM	1336500.000	11.207	17.558	25.544	
1878.541	2189.825	1.489	1.132	532.328	
1.000	14.851				
12/16/2015 11:30:00 PM	1337400.000	11.207	17.558	25.544	
1879.423	2190.850	1.490	1.132	532.078	
1.000	14.851				
12/16/2015 11:45:00 PM	1338300.000	11.207	17.557	25.544	
1879.127	2190.539	1.490	1.132	532.162	
1.000	14.852				

Report Date: 12/18/2015 1:48:16 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-8M_2015-12-17_09-33-15-264.wsl
Create Date: 12/17/2015 9:33:09 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-8
Device Name:
Serial Number: 410757
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-8M
Created By: CShaw
Computer Name: PROBOOK3
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 7/17/2015 2:05:09 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: -0.00543076 (ft)
Head Pressure: -0.00241089 (PSI)
Temperature: 27.9046 (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 2:05:13 PM	Used Battery: 2% Used Memory: 1% User Name: CShaw
7/17/2015 2:12:53 PM	Sensor SN: 410757 Cache Timeout: 1000 User Name: CShaw
7/17/2015 2:13:04 PM	Device Taken Offline
7/17/2015 2:14:23 PM	Sensor SN: 410757 Actual conductivity calibration. Cell Constant: 1.01613 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 2:17:36 PM	Device Put Online
7/17/2015 2:17:37 PM	Sensor SN: 410757 Cache Timeout: 1750 User Name: CShaw
7/23/2015 3:21:47 PM	Log Download - Used Battery: 3% Used Memory: 1% User Name: KMakar
7/30/2015 3:29:40 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte
7/31/2015 4:45:26 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte Interval - Start Time: 7/30/2015 3:15:00 PM
8/3/2015 3:59:57 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: BDuarte Interval - Start Time: 7/31/2015 4:45:00 PM
8/6/2015 5:09:26 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: CShaw
8/13/2015 10:39:42 AM	Log Download - Used Battery: 4% Used Memory: 4% User Name: KMakar Interval - Start Time: 7/23/2015 3:15:00 PM
8/20/2015 3:51:09 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: BDuarte Interval - Start Time: 8/3/2015 4:00:00 PM
8/27/2015 8:58:51 AM	Log Download - Used Battery: 5% Used Memory: 6% User Name: KMakar
9/3/2015 12:19:33 PM	Log Download - Used Battery: 5% 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 9:04:13 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:00:00 AM
9/17/2015 9:04:50 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:05:00 AM
9/24/2015 5:31:49 PM	Log Download - Used Battery: 6% 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 6:15:32 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 10:00:00 PM
10/1/2015 9:29:51 AM	Log Download - Used Battery: 7% Used Memory: 9% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:30:00 AM
10/8/2015 11:11:25 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:00:00 PM
10/15/2015 10:51:31 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:55:00 AM
10/22/2015 10:15:08 AM	Log Download - Used Battery: 8% Used Memory: 12% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:00:00 AM
10/29/2015 12:49:21 PM	Log Download - Used Battery: 8% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 12:50:00 PM
11/5/2015 9:07:17 AM	Log Download - Used Battery: 8% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 9:10:00 AM
11/12/2015 1:33:29 PM	Log Download - Used Battery: 9% Used Memory: 14% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 1:30:00 PM
11/19/2015 10:05:10 AM	Log Download - Used Battery: 9% Used Memory: 15% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:05:00 AM
11/29/2015 11:04:26 AM	Log Download - Used Battery: 10% Used Memory: 17% User Name: CShaw Interval - Start Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:00:00 AM

12/3/2015 7:56:35 AM Log Download - Used Battery: 10% Used Memory: 17% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 7:55:00 AM
 12/10/2015 10:13:31 AM Log Download - Used Battery: 10% Used Memory: 18% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 11:00:00 AM
 12/17/2015 9:31:44 AM Log Download - Used Battery: 11% Used Memory: 18% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:30:00 AM

Log Data:

Record Count: 1526

Sensors: 1

1 - 410757: 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
410757	410757	410757	410757
SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757
Elapsed Time	SN#: 410757	SN#: 410757	SN#: 410757
410757	SN#: 410757	SN#: 410757	SN#: 410757
SN#: 410757			
Date and Time	Seconds	Pressure (PSI)	Temperature (C)
Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Depth (ft)
Resistivity (ohm-cm)	Water Density (g/cm3)		Salinity (PSU)

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
12/10/2015 12:00:00 AM	734400.000	70.733	17.377	159.333
41845.320	48976.594	33.304	32.184	23.898
1.023				
12/10/2015 12:15:00 AM	735300.000	70.734	17.382	159.335
41850.773	48977.125	33.304	32.185	23.894
1.023				
12/10/2015 12:30:00 AM	736200.000	70.736	17.377	159.339
41807.473	48932.102	33.274	32.151	23.919
1.023				
12/10/2015 12:45:00 AM	737100.000	70.740	17.373	159.349
41850.211	48985.867	33.310	32.191	23.895
1.023				
12/10/2015 1:00:00 AM	738000.000	70.742	17.377	159.354
41824.750	48952.242	33.288	32.166	23.909
1.023				
12/10/2015 1:15:00 AM	738900.000	70.745	17.381	159.359
41833.246	48957.770	33.291	32.170	23.904
1.023				
12/10/2015 1:30:00 AM	739800.000	70.742	17.385	159.354
41866.848	48992.879	33.315	32.196	23.885
1.023				
12/10/2015 1:45:00 AM	740700.000	70.744	17.379	159.357
41830.086	48955.898	33.290	32.169	23.906
1.023				
12/10/2015 2:00:00 AM	741600.000	70.744	17.374	159.358
41837.387	48970.289	33.300	32.179	23.902
1.023				

12/10/2015 2:15:00 AM	742500.000	70.747	17.384	159.364
41806.246	48923.207	33.268	32.145	23.920
1.023				
12/10/2015 2:30:00 AM	743400.000	70.744	17.376	159.357
41860.090	48994.758	33.316	32.197	23.889
1.023				
12/10/2015 2:45:00 AM	744300.000	70.744	17.375	159.358
41868.527	49005.688	33.324	32.205	23.884
1.023				
12/10/2015 3:00:00 AM	745200.000	70.748	17.377	159.367
41851.633	48983.410	33.309	32.189	23.894
1.023				
12/10/2015 3:15:00 AM	746100.000	70.743	17.379	159.357
41851.707	48981.102	33.307	32.187	23.894
1.023				
12/10/2015 3:30:00 AM	747000.000	70.746	17.379	159.362
41873.137	49007.043	33.325	32.206	23.882
1.023				
12/10/2015 3:45:00 AM	747900.000	70.744	17.373	159.357
41851.266	48987.953	33.312	32.192	23.894
1.023				
12/10/2015 4:00:00 AM	748800.000	70.748	17.375	159.367
41872.758	49010.051	33.327	32.208	23.882
1.023				
12/10/2015 4:15:00 AM	749700.000	70.747	17.373	159.365
41843.133	48978.543	33.305	32.185	23.899
1.023				
12/10/2015 4:30:00 AM	750600.000	70.752	17.378	159.377
41836.844	48965.719	33.297	32.176	23.902
1.023				
12/10/2015 4:45:00 AM	751500.000	70.757	17.379	159.386
41869.418	49002.410	33.322	32.203	23.884
1.023				
12/10/2015 5:00:00 AM	752400.000	70.760	17.378	159.393
41865.852	48998.902	33.319	32.200	23.886
1.023				
12/10/2015 5:15:00 AM	753300.000	70.760	17.377	159.393
41856.020	48988.922	33.312	32.193	23.891
1.023				
12/10/2015 5:30:00 AM	754200.000	70.766	17.374	159.406
41836.648	48968.930	33.299	32.178	23.902
1.023				
12/10/2015 5:45:00 AM	755100.000	70.769	17.374	159.414
41873.941	49012.582	33.329	32.210	23.881
1.023				
12/10/2015 6:00:00 AM	756000.000	70.775	17.383	159.427
41844.074	48968.527	33.299	32.178	23.898
1.023				
12/10/2015 6:15:00 AM	756900.000	70.781	17.378	159.440
41838.941	48967.793	33.298	32.178	23.901
1.023				
12/10/2015 6:30:00 AM	757800.000	70.789	17.374	159.458
41823.719	48954.676	33.289	32.168	23.910
1.023				
12/10/2015 6:45:00 AM	758700.000	70.789	17.379	159.459

41847.285	48976.027	33.304	32.184	23.896
1.023				
12/10/2015 7:00:00 AM	759600.000	70.800	17.380	159.483
41837.957	48964.535	33.296	32.175	23.902
1.023				
12/10/2015 7:15:00 AM	760500.000	70.809	17.380	159.503
41848.980	48977.527	33.305	32.185	23.895
1.023				
12/10/2015 7:30:00 AM	761400.000	70.816	17.375	159.521
41836.109	48967.246	33.298	32.177	23.903
1.023				
12/10/2015 7:45:00 AM	762300.000	70.824	17.380	159.537
41897.090	49033.828	33.343	32.226	23.868
1.023				
12/10/2015 8:00:00 AM	763200.000	70.830	17.373	159.553
41850.977	48986.766	33.311	32.191	23.894
1.023				
12/10/2015 8:15:00 AM	764100.000	70.840	17.374	159.573
41811.320	48939.586	33.279	32.157	23.917
1.023				
12/10/2015 8:30:00 AM	765000.000	70.846	17.380	159.588
41830.656	48955.797	33.290	32.169	23.906
1.023				
12/10/2015 8:45:00 AM	765900.000	70.838	17.380	159.569
41852.875	48982.188	33.308	32.188	23.893
1.023				
12/10/2015 9:00:00 AM	766800.000	70.862	17.377	159.623
41815.375	48940.684	33.280	32.158	23.915
1.023				
12/10/2015 9:15:00 AM	767700.000	70.869	17.377	159.639
41869.387	49004.484	33.323	32.204	23.884
1.023				
12/10/2015 9:30:00 AM	768600.000	70.858	17.376	159.615
41820.426	48948.227	33.285	32.163	23.912
1.023				
12/10/2015 9:45:00 AM	769500.000	70.863	17.380	159.626
41854.504	48983.707	33.309	32.189	23.892
1.023				
12/10/2015 10:00:00 AM	770400.000	70.887	17.369	159.681
41846.910	48986.699	33.311	32.191	23.897
1.023				
12/10/2015 10:15:00 AM	771300.000	70.885	17.410	159.676
41889.066	48991.473	33.314	32.197	23.873
1.023				
12/10/2015 10:30:00 AM	772200.000	70.891	17.396	159.689
41859.238	48972.195	33.301	32.182	23.890
1.023				
12/10/2015 10:45:00 AM	773100.000	70.897	17.379	159.703
41887.824	49023.664	33.336	32.219	23.873
1.023				
12/10/2015 11:00:00 AM	774000.000	70.903	17.379	159.716
41886.289	49022.051	33.335	32.217	23.874
1.023				
12/10/2015 11:15:00 AM	774900.000	70.906	17.377	159.722
41857.191	48989.727	33.313	32.194	23.891

1.023					
12/10/2015 11:30:00 AM	775800.000	70.900	17.381	159.709	
41877.316	49009.066	33.326	32.208	23.879	
1.023					
12/10/2015 11:45:00 AM	776700.000	70.900	17.377	159.710	
41865.590	48999.457	33.320	32.201	23.886	
1.023					
12/10/2015 12:00:00 PM	777600.000	70.900	17.379	159.710	
41803.750	48925.449	33.269	32.147	23.921	
1.023					
12/10/2015 12:15:00 PM	778500.000	70.897	17.374	159.703	
41837.602	48970.438	33.300	32.179	23.902	
1.023					
12/10/2015 12:30:00 PM	779400.000	70.892	17.378	159.690	
41851.492	48982.094	33.308	32.188	23.894	
1.023					
12/10/2015 12:45:00 PM	780300.000	70.889	17.376	159.684	
41891.797	49032.145	33.342	32.225	23.871	
1.023					
12/10/2015 1:00:00 PM	781200.000	70.884	17.378	159.673	
41876.301	49011.320	33.328	32.210	23.880	
1.023					
12/10/2015 1:15:00 PM	782100.000	70.876	17.381	159.656	
41847.504	48974.453	33.303	32.183	23.896	
1.023					
12/10/2015 1:30:00 PM	783000.000	70.871	17.381	159.643	
41880.102	49012.703	33.329	32.211	23.878	
1.023					
12/10/2015 1:45:00 PM	783900.000	70.860	17.378	159.618	
41848.055	48978.457	33.305	32.185	23.896	
1.023					
12/10/2015 2:00:00 PM	784800.000	70.852	17.377	159.600	
41823.281	48950.422	33.286	32.165	23.910	
1.023					
12/10/2015 2:15:00 PM	785700.000	70.839	17.376	159.572	
41873.461	49010.215	33.327	32.209	23.881	
1.023					
12/10/2015 2:30:00 PM	786600.000	70.831	17.377	159.553	
41815.527	48941.250	33.280	32.158	23.915	
1.023					
12/10/2015 2:45:00 PM	787500.000	70.824	17.378	159.539	
41838.762	48967.773	33.298	32.178	23.901	
1.023					
12/10/2015 3:00:00 PM	788400.000	70.816	17.379	159.519	
41822.426	48947.695	33.284	32.163	23.911	
1.023					
12/10/2015 3:15:00 PM	789300.000	70.801	17.381	159.487	
41834.574	48959.613	33.293	32.172	23.904	
1.023					
12/10/2015 3:30:00 PM	790200.000	70.789	17.379	159.458	
41874.543	49008.691	33.326	32.208	23.881	
1.023					
12/10/2015 3:45:00 PM	791100.000	70.784	17.373	159.449	
41844.910	48980.238	33.307	32.186	23.898	
1.023					

12/10/2015 4:00:00 PM	792000.000	70.773	17.379	159.423
41858.008	48988.574	33.312	32.193	23.890
1.023				
12/10/2015 4:15:00 PM	792900.000	70.764	17.376	159.402
41864.078	48999.230	33.319	32.201	23.887
1.023				
12/10/2015 4:30:00 PM	793800.000	70.773	17.378	159.423
41841.023	48970.531	33.300	32.180	23.900
1.023				
12/10/2015 4:45:00 PM	794700.000	70.752	17.377	159.376
41846.461	48977.168	33.304	32.184	23.897
1.023				
12/10/2015 5:00:00 PM	795600.000	70.744	17.377	159.358
41872.961	49008.945	33.326	32.208	23.882
1.023				
12/10/2015 5:15:00 PM	796500.000	70.739	17.375	159.347
41884.773	49024.113	33.336	32.219	23.875
1.023				
12/10/2015 5:30:00 PM	797400.000	70.731	17.381	159.327
41852.352	48979.660	33.306	32.187	23.894
1.023				
12/10/2015 5:45:00 PM	798300.000	70.721	17.379	159.307
41823.555	48948.254	33.285	32.163	23.910
1.023				
12/10/2015 6:00:00 PM	799200.000	70.720	17.372	159.303
41853.574	48991.535	33.314	32.195	23.893
1.023				
12/10/2015 6:15:00 PM	800100.000	70.721	17.381	159.305
41857.090	48986.156	33.311	32.191	23.891
1.023				
12/10/2015 6:30:00 PM	801000.000	70.719	17.379	159.301
41827.922	48954.125	33.289	32.168	23.907
1.023				
12/10/2015 6:45:00 PM	801900.000	70.719	17.375	159.302
41871.066	49008.164	33.326	32.207	23.883
1.023				
12/10/2015 7:00:00 PM	802800.000	70.719	17.377	159.302
41823.918	48951.645	33.287	32.166	23.910
1.023				
12/10/2015 7:15:00 PM	803700.000	70.715	17.378	159.292
41855.063	48986.961	33.311	32.192	23.892
1.023				
12/10/2015 7:30:00 PM	804600.000	70.717	17.374	159.296
41804.508	48931.422	33.273	32.151	23.921
1.023				
12/10/2015 7:45:00 PM	805500.000	70.721	17.377	159.307
41815.359	48941.441	33.280	32.158	23.915
1.023				
12/10/2015 8:00:00 PM	806400.000	70.724	17.378	159.312
41843.816	48973.195	33.302	32.182	23.898
1.023				
12/10/2015 8:15:00 PM	807300.000	70.729	17.378	159.324
41807.516	48930.434	33.273	32.150	23.919
1.023				
12/10/2015 8:30:00 PM	808200.000	70.733	17.380	159.334

41864.496	48994.926	33.317	32.198	23.887
1.023				
12/10/2015 8:45:00 PM	809100.000	70.737	17.376	159.343
41839.797	48971.199	33.300	32.180	23.901
1.023				
12/10/2015 9:00:00 PM	810000.000	70.745	17.378	159.360
41851.555	48982.855	33.308	32.189	23.894
1.023				
12/10/2015 9:15:00 PM	810900.000	70.751	17.379	159.374
41862.949	48994.551	33.316	32.197	23.887
1.023				
12/10/2015 9:30:00 PM	811800.000	70.758	17.376	159.388
41846.195	48978.098	33.305	32.185	23.897
1.023				
12/10/2015 9:45:00 PM	812700.000	70.766	17.380	159.407
41814.020	48935.945	33.276	32.154	23.915
1.023				
12/10/2015 10:00:00 PM	813600.000	70.772	17.378	159.420
41832.496	48959.949	33.293	32.172	23.905
1.023				
12/10/2015 10:15:00 PM	814500.000	70.778	17.375	159.434
41818.375	48946.785	33.284	32.162	23.913
1.023				
12/10/2015 10:30:00 PM	815400.000	70.783	17.377	159.445
41843.035	48973.059	33.302	32.181	23.899
1.023				
12/10/2015 10:45:00 PM	816300.000	70.794	17.376	159.470
41845.914	48977.973	33.305	32.185	23.897
1.023				
12/10/2015 11:00:00 PM	817200.000	70.801	17.373	159.487
41871.555	49011.813	33.328	32.210	23.883
1.023				
12/10/2015 11:15:00 PM	818100.000	70.803	17.377	159.490
41839.398	48969.188	33.299	32.179	23.901
1.023				
12/10/2015 11:30:00 PM	819000.000	70.816	17.377	159.520
41842.055	48972.297	33.301	32.181	23.899
1.023				
12/10/2015 11:45:00 PM	819900.000	70.824	17.376	159.537
41802.371	48927.395	33.271	32.148	23.922
1.023				
12/11/2015 12:00:00 AM	820800.000	70.825	17.366	159.540
41834.539	48975.293	33.303	32.182	23.904
1.023				
12/11/2015 12:15:00 AM	821700.000	70.831	17.377	159.554
41895.008	49034.473	33.343	32.226	23.869
1.023				
12/11/2015 12:30:00 AM	822600.000	70.840	17.382	159.573
41869.688	48999.758	33.320	32.201	23.884
1.023				
12/11/2015 12:45:00 AM	823500.000	70.846	17.381	159.587
41857.113	48985.801	33.310	32.191	23.891
1.023				
12/11/2015 1:00:00 AM	824400.000	70.854	17.376	159.605
41840.387	48971.398	33.301	32.180	23.900

1.023					
12/11/2015 1:15:00 AM	825300.000	70.855	17.372	159.608	
41834.262	48968.547	33.299	32.178	23.904	
1.023					
12/11/2015 1:30:00 AM	826200.000	70.854	17.375	159.605	
41838.684	48970.262	33.300	32.179	23.901	
1.023					
12/11/2015 1:45:00 AM	827100.000	70.859	17.376	159.618	
41844.863	48976.539	33.304	32.184	23.898	
1.023					
12/11/2015 2:00:00 AM	828000.000	70.848	17.376	159.592	
41838.355	48969.684	33.299	32.179	23.902	
1.023					
12/11/2015 2:15:00 AM	828900.000	70.868	17.375	159.638	
41848.582	48982.430	33.308	32.188	23.896	
1.023					
12/11/2015 2:30:00 AM	829800.000	70.870	17.373	159.641	
41855.699	48993.254	33.315	32.196	23.892	
1.023					
12/11/2015 2:45:00 AM	830700.000	70.863	17.374	159.625	
41853.234	48988.539	33.312	32.193	23.893	
1.023					
12/11/2015 3:00:00 AM	831600.000	70.878	17.375	159.659	
41860.266	48996.289	33.317	32.198	23.889	
1.023					
12/11/2015 3:15:00 AM	832500.000	70.880	17.379	159.664	
41852.496	48981.934	33.308	32.188	23.893	
1.023					
12/11/2015 3:30:00 AM	833400.000	70.882	17.375	159.670	
41869.926	49006.734	33.325	32.206	23.883	
1.023					
12/11/2015 3:45:00 AM	834300.000	70.889	17.379	159.683	
41898.488	49036.520	33.345	32.228	23.867	
1.023					
12/11/2015 4:00:00 AM	835200.000	70.891	17.377	159.689	
41885.605	49023.660	33.336	32.219	23.875	
1.023					
12/11/2015 4:15:00 AM	836100.000	70.889	17.377	159.685	
41875.332	49011.820	33.328	32.210	23.880	
1.023					
12/11/2015 4:30:00 AM	837000.000	70.880	17.380	159.664	
41859.957	48990.090	33.313	32.194	23.889	
1.023					
12/11/2015 4:45:00 AM	837900.000	70.893	17.381	159.694	
41839.320	48965.359	33.296	32.176	23.901	
1.023					
12/11/2015 5:00:00 AM	838800.000	70.896	17.378	159.700	
41823.191	48949.551	33.286	32.164	23.910	
1.023					
12/11/2015 5:15:00 AM	839700.000	70.903	17.380	159.716	
41850.836	48979.223	33.306	32.186	23.894	
1.023					
12/11/2015 5:30:00 AM	840600.000	70.906	17.378	159.723	
41816.719	48941.871	33.280	32.159	23.914	
1.023					

12/11/2015 5:45:00 AM 41840.484 1.023	841500.000 48969.789	70.909 33.299	17.378 32.179	159.730 23.900
12/11/2015 6:00:00 AM 41838.684 1.023	842400.000 48971.422	70.917 33.301	17.374 32.180	159.747 23.901
12/11/2015 6:15:00 AM 41847.980 1.023	843300.000 48977.895	70.924 33.305	17.378 32.185	159.762 23.896
12/11/2015 6:30:00 AM 41811.977 1.023	844200.000 48935.656	70.930 33.276	17.378 32.154	159.777 23.917
12/11/2015 6:45:00 AM 41827.344 1.023	845100.000 48955.555	70.922 33.290	17.377 32.169	159.758 23.908
12/11/2015 7:00:00 AM 41833.945 1.023	846000.000 48962.906	70.943 33.295	17.377 32.174	159.806 23.904
12/11/2015 7:15:00 AM 41848.074 1.023	846900.000 48978.570	70.949 33.305	17.378 32.186	159.820 23.896
12/11/2015 7:30:00 AM 41883.941 1.023	847800.000 49024.480	70.957 33.337	17.374 32.219	159.838 23.875
12/11/2015 7:45:00 AM 41871.496 1.023	848700.000 49009.434	70.963 33.326	17.375 32.208	159.851 23.883
12/11/2015 8:00:00 AM 41827.766 1.023	849600.000 48956.336	70.970 33.290	17.376 32.169	159.866 23.908
12/11/2015 8:15:00 AM 41824.066 1.023	850500.000 48950.383	70.978 33.286	17.378 32.165	159.884 23.910
12/11/2015 8:30:00 AM 41865.121 1.023	851400.000 49000.840	70.982 33.321	17.376 32.202	159.894 23.886
12/11/2015 8:45:00 AM 41846.641 1.023	852300.000 48977.762	70.995 33.305	17.377 32.185	159.923 23.897
12/11/2015 9:00:00 AM 41825.711 1.023	853200.000 48953.641	71.004 33.288	17.377 32.167	159.943 23.909
12/11/2015 9:15:00 AM 41825.801 1.023	854100.000 48952.984	71.012 33.288	17.377 32.167	159.963 23.909
12/11/2015 9:30:00 AM 41856.512 1.023	855000.000 48987.879	71.017 33.312	17.378 32.192	159.974 23.891
12/11/2015 9:45:00 AM 41851.934 1.023	855900.000 48981.277	71.028 33.307	17.379 32.188	159.998 23.894
12/11/2015 10:00:00 AM 41835.629 1.023	856800.000 48970.336	71.033 33.300	17.372 32.179	160.008 23.903
12/11/2015 10:15:00 AM	857700.000	71.035	17.380	160.013

41832.930	48958.266	33.292	32.171	23.905
1.023				
12/11/2015 10:30:00 AM	858600.000	71.044	17.375	160.034
41859.684	48995.426	33.317	32.198	23.889
1.023				
12/11/2015 10:45:00 AM	859500.000	71.048	17.376	160.043
41839.941	48970.781	33.300	32.180	23.901
1.023				
12/11/2015 11:00:00 AM	860400.000	71.050	17.378	160.047
41842.078	48971.164	33.300	32.180	23.899
1.023				
12/11/2015 11:15:00 AM	861300.000	71.055	17.374	160.058
41867.336	49005.152	33.324	32.205	23.885
1.023				
12/11/2015 11:30:00 AM	862200.000	71.057	17.375	160.062
41872.789	49010.180	33.327	32.209	23.882
1.023				
12/11/2015 11:45:00 AM	863100.000	71.060	17.375	160.069
41833.816	48965.148	33.296	32.175	23.904
1.023				
12/11/2015 12:00:00 PM	864000.000	71.058	17.376	160.066
41855.605	48988.922	33.312	32.193	23.892
1.023				
12/11/2015 12:15:00 PM	864900.000	71.059	17.378	160.067
41866.617	48999.512	33.320	32.201	23.885
1.023				
12/11/2015 12:30:00 PM	865800.000	71.056	17.376	160.061
41851.859	48984.438	33.309	32.190	23.894
1.023				
12/11/2015 12:45:00 PM	866700.000	71.052	17.377	160.053
41816.672	48942.785	33.281	32.159	23.914
1.023				
12/11/2015 1:00:00 PM	867600.000	71.050	17.376	160.046
41843.504	48975.238	33.303	32.183	23.899
1.023				
12/11/2015 1:15:00 PM	868500.000	71.041	17.378	160.027
41844.719	48974.855	33.303	32.183	23.898
1.023				
12/11/2015 1:30:00 PM	869400.000	71.024	17.381	159.989
41846.406	48972.594	33.301	32.181	23.897
1.023				
12/11/2015 1:45:00 PM	870300.000	71.031	17.379	160.003
41813.336	48936.375	33.277	32.155	23.916
1.023				
12/11/2015 2:00:00 PM	871200.000	71.025	17.379	159.990
41850.824	48979.977	33.306	32.187	23.894
1.023				
12/11/2015 2:15:00 PM	872100.000	71.015	17.375	159.969
41851.035	48985.109	33.310	32.190	23.894
1.023				
12/11/2015 2:30:00 PM	873000.000	71.009	17.378	159.955
41867.594	49001.520	33.321	32.202	23.885
1.023				
12/11/2015 2:45:00 PM	873900.000	70.998	17.378	159.929
41864.359	48997.063	33.318	32.199	23.887

1.023				
12/11/2015 3:00:00 PM	874800.000	70.987	17.373	159.905
41837.523	48971.398	33.301	32.180	23.902
1.023				
12/11/2015 3:15:00 PM	875700.000	70.978	17.376	159.885
41808.801	48934.141	33.275	32.153	23.918
1.023				
12/11/2015 3:30:00 PM	876600.000	70.964	17.383	159.852
41838.684	48961.938	33.294	32.174	23.901
1.023				
12/11/2015 3:45:00 PM	877500.000	70.953	17.382	159.828
41842.824	48967.926	33.298	32.178	23.899
1.023				
12/11/2015 4:00:00 PM	878400.000	70.947	17.380	159.815
41836.863	48962.953	33.295	32.174	23.902
1.023				
12/11/2015 4:15:00 PM	879300.000	70.932	17.375	159.781
41830.211	48961.012	33.293	32.172	23.906
1.023				
12/11/2015 4:30:00 PM	880200.000	70.920	17.382	159.755
41854.742	48981.770	33.308	32.188	23.892
1.023				
12/11/2015 4:45:00 PM	881100.000	70.915	17.378	159.742
41853.477	48985.188	33.310	32.190	23.893
1.023				
12/11/2015 5:00:00 PM	882000.000	70.902	17.376	159.713
41888.480	49028.070	33.339	32.222	23.873
1.023				
12/11/2015 5:15:00 PM	882900.000	70.894	17.376	159.696
41804.363	48929.617	33.272	32.149	23.921
1.023				
12/11/2015 5:30:00 PM	883800.000	70.885	17.379	159.676
41851.598	48981.266	33.307	32.188	23.894
1.023				
12/11/2015 5:45:00 PM	884700.000	70.881	17.375	159.667
41871.684	49009.469	33.326	32.208	23.882
1.023				
12/11/2015 6:00:00 PM	885600.000	70.874	17.378	159.651
41812.348	48936.859	33.277	32.155	23.916
1.023				
12/11/2015 6:15:00 PM	886500.000	70.867	17.376	159.636
41858.078	48991.719	33.314	32.195	23.890
1.023				
12/11/2015 6:30:00 PM	887400.000	70.861	17.379	159.621
41820.691	48944.805	33.282	32.161	23.912
1.023				
12/11/2015 6:45:00 PM	888300.000	70.856	17.375	159.609
41878.152	49016.852	33.331	32.213	23.879
1.023				
12/11/2015 7:00:00 PM	889200.000	70.859	17.378	159.618
41817.047	48941.973	33.281	32.159	23.914
1.023				
12/11/2015 7:15:00 PM	890100.000	70.851	17.377	159.598
41819.016	48945.531	33.283	32.161	23.913
1.023				

12/11/2015 7:30:00 PM	891000.000	70.851	17.382	159.598
41856.164	48983.539	33.309	32.189	23.891
1.023				
12/11/2015 7:45:00 PM	891900.000	70.849	17.375	159.594
41837.277	48969.008	33.299	32.178	23.902
1.023				
12/11/2015 8:00:00 PM	892800.000	70.851	17.377	159.598
41873.648	49009.848	33.327	32.208	23.881
1.023				
12/11/2015 8:15:00 PM	893700.000	70.846	17.378	159.588
41862.594	48994.996	33.317	32.198	23.888
1.023				
12/11/2015 8:30:00 PM	894600.000	70.852	17.378	159.601
41851.387	48982.445	33.308	32.188	23.894
1.023				
12/11/2015 8:45:00 PM	895500.000	70.858	17.378	159.615
41847.172	48977.230	33.305	32.185	23.896
1.023				
12/11/2015 9:00:00 PM	896400.000	70.859	17.378	159.618
41865.043	48998.039	33.319	32.200	23.886
1.023				
12/11/2015 9:15:00 PM	897300.000	70.862	17.379	159.624
41880.191	49014.348	33.330	32.212	23.878
1.023				
12/11/2015 9:30:00 PM	898200.000	70.868	17.378	159.637
41847.832	48978.199	33.305	32.185	23.896
1.023				
12/11/2015 9:45:00 PM	899100.000	70.871	17.376	159.644
41878.051	49015.191	33.330	32.212	23.879
1.023				
12/11/2015 10:00:00 PM	900000.000	70.877	17.378	159.658
41850.492	48981.504	33.307	32.188	23.895
1.023				
12/11/2015 10:15:00 PM	900900.000	70.885	17.380	159.676
41829.531	48954.566	33.289	32.168	23.907
1.023				
12/11/2015 10:30:00 PM	901800.000	70.890	17.373	159.686
41852.840	48989.039	33.313	32.193	23.893
1.023				
12/11/2015 10:45:00 PM	902700.000	70.899	17.377	159.707
41869.402	49004.695	33.323	32.205	23.884
1.023				
12/11/2015 11:00:00 PM	903600.000	70.901	17.377	159.711
41825.875	48953.836	33.289	32.167	23.909
1.023				
12/11/2015 11:15:00 PM	904500.000	70.906	17.379	159.723
41850.988	48980.262	33.307	32.187	23.894
1.023				
12/11/2015 11:30:00 PM	905400.000	70.916	17.374	159.746
41876.730	49015.754	33.331	32.213	23.880
1.023				
12/11/2015 11:45:00 PM	906300.000	70.920	17.378	159.753
41846.652	48976.238	33.304	32.184	23.897
1.023				
12/12/2015 12:00:00 AM	907200.000	70.925	17.374	159.765

41829.492	48961.223	33.294	32.173	23.907
1.023				
12/12/2015 12:15:00 AM	908100.000	70.933	17.379	159.783
41879.395	49013.605	33.329	32.211	23.878
1.023				
12/12/2015 12:30:00 AM	909000.000	70.936	17.378	159.790
41869.695	49003.398	33.322	32.204	23.884
1.023				
12/12/2015 12:45:00 AM	909900.000	70.944	17.373	159.807
41864.789	49003.223	33.322	32.203	23.886
1.023				
12/12/2015 1:00:00 AM	910800.000	70.944	17.381	159.809
41819.383	48941.836	33.280	32.159	23.912
1.023				
12/12/2015 1:15:00 AM	911700.000	70.949	17.381	159.819
41855.832	48983.824	33.309	32.190	23.892
1.023				
12/12/2015 1:30:00 AM	912600.000	70.951	17.374	159.824
41821.141	48950.777	33.287	32.165	23.911
1.023				
12/12/2015 1:45:00 AM	913500.000	70.954	17.370	159.832
41855.148	48995.484	33.317	32.197	23.892
1.023				
12/12/2015 2:00:00 AM	914400.000	70.955	17.376	159.833
41864.105	48999.730	33.320	32.201	23.887
1.023				
12/12/2015 2:15:00 AM	915300.000	70.956	17.383	159.836
41896.695	49029.734	33.340	32.223	23.868
1.023				
12/12/2015 2:30:00 AM	916200.000	70.956	17.380	159.835
41851.691	48980.699	33.307	32.187	23.894
1.023				
12/12/2015 2:45:00 AM	917100.000	70.959	17.377	159.842
41839.602	48970.000	33.300	32.179	23.901
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12/12/2015 3:00:00 AM	918000.000	70.946	17.376	159.813
41875.355	49012.324	33.328	32.210	23.880
1.023				
12/12/2015 3:15:00 AM	918900.000	70.960	17.377	159.845
41838.840	48968.730	33.299	32.178	23.901
1.023				
12/12/2015 3:30:00 AM	919800.000	70.962	17.379	159.848
41889.145	49025.395	33.337	32.220	23.873
1.023				
12/12/2015 3:45:00 AM	920700.000	70.965	17.377	159.855
41829.621	48957.551	33.291	32.170	23.907
1.023				
12/12/2015 4:00:00 AM	921600.000	70.962	17.376	159.849
41844.387	48976.184	33.304	32.184	23.898
1.023				
12/12/2015 4:15:00 AM	922500.000	70.965	17.377	159.855
41888.254	49026.941	33.338	32.221	23.873
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12/12/2015 4:30:00 AM	923400.000	70.963	17.380	159.851
41846.582	48974.820	33.303	32.183	23.897

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12/12/2015 4:45:00 AM	924300.000	70.965	17.374	159.855
41868.852	49006.734	33.325	32.206	23.884
1.023				
12/12/2015 5:00:00 AM	925200.000	70.965	17.380	159.855
41830.523	48955.449	33.290	32.169	23.906
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12/12/2015 5:15:00 AM	926100.000	70.967	17.375	159.860
41833.594	48964.973	33.296	32.175	23.904
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12/12/2015 5:30:00 AM	927000.000	70.963	17.377	159.851
41834.398	48962.949	33.295	32.174	23.904
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12/12/2015 5:45:00 AM	927900.000	70.968	17.378	159.863
41877.156	49012.219	33.328	32.210	23.879
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12/12/2015 6:00:00 AM	928800.000	70.973	17.375	159.873
41855.281	48989.594	33.313	32.193	23.892
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12/12/2015 6:15:00 AM	929700.000	70.980	17.373	159.889
41861.691	49000.266	33.320	32.201	23.888
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12/12/2015 6:30:00 AM	930600.000	70.974	17.374	159.877
41852.234	48987.367	33.311	32.192	23.894
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12/12/2015 6:45:00 AM	931500.000	70.979	17.381	159.888
41870.070	49000.777	33.321	32.202	23.883
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12/12/2015 7:00:00 AM	932400.000	70.984	17.377	159.897
41873.816	49009.473	33.326	32.208	23.881
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12/12/2015 7:15:00 AM	933300.000	70.988	17.378	159.907
41868.926	49003.188	33.322	32.204	23.884
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12/12/2015 7:30:00 AM	934200.000	70.991	17.377	159.914
41838.285	48967.598	33.298	32.177	23.902
1.023				
12/12/2015 7:45:00 AM	935100.000	71.000	17.384	159.936
41868.090	48995.672	33.317	32.198	23.885
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12/12/2015 8:00:00 AM	936000.000	71.002	17.379	159.940
41863.664	48995.473	33.317	32.198	23.887
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12/12/2015 8:15:00 AM	936900.000	71.010	17.377	159.957
41842.199	48972.566	33.301	32.181	23.899
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12/12/2015 8:30:00 AM	937800.000	71.018	17.378	159.975
41851.695	48982.242	33.308	32.188	23.894
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12/12/2015 8:45:00 AM	938700.000	71.022	17.378	159.984
41851.246	48981.715	33.308	32.188	23.894
1.023				
12/12/2015 9:00:00 AM	939600.000	71.032	17.378	160.006
41827.797	48954.656	33.289	32.168	23.908
1.023				

12/12/2015 9:15:00 AM	940500.000	71.036	17.378	160.016
41883.355	49019.102	33.333	32.215	23.876
1.023				
12/12/2015 9:30:00 AM	941400.000	71.041	17.381	160.027
41863.039	48992.734	33.315	32.196	23.887
1.023				
12/12/2015 9:45:00 AM	942300.000	71.046	17.375	160.038
41841.004	48973.563	33.302	32.182	23.900
1.023				
12/12/2015 10:00:00 AM	943200.000	71.052	17.374	160.052
41835.160	48967.188	33.298	32.177	23.903
1.023				
12/12/2015 10:15:00 AM	944100.000	71.059	17.379	160.067
41833.293	48960.320	33.293	32.172	23.904
1.023				
12/12/2015 10:30:00 AM	945000.000	71.068	17.378	160.088
41867.082	49001.109	33.321	32.202	23.885
1.023				
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41849.449	48983.156	33.309	32.189	23.895
1.023				
12/12/2015 11:00:00 AM	946800.000	71.075	17.370	160.104
41857.734	48998.023	33.319	32.199	23.890
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41849.652	48981.664	33.308	32.188	23.895
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12/12/2015 11:30:00 AM	948600.000	71.084	17.376	160.123
41886.414	49025.270	33.337	32.220	23.874
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12/12/2015 11:45:00 AM	949500.000	71.086	17.377	160.129
41862.277	48996.246	33.317	32.198	23.888
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41866.051	48999.043	33.319	32.201	23.886
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41819.066	48949.121	33.285	32.164	23.913
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41829.398	48957.289	33.291	32.170	23.907
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41831.000	48959.555	33.292	32.172	23.906
1.023				
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41848.621	48983.055	33.308	32.189	23.896
1.023				
12/12/2015 1:15:00 PM	954900.000	71.081	17.377	160.118
41795.793	48918.625	33.265	32.141	23.926
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41867.664	49001.883	33.321	32.203	23.885
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41821.727	48948.895	33.285	32.164	23.911
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41814.723	48938.293	33.278	32.156	23.915
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41846.840	48974.633	33.303	32.183	23.897
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41849.063	48979.828	33.306	32.186	23.895
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41820.223	48946.184	33.283	32.162	23.912
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12/12/2015 3:00:00 PM	961200.000	71.028	17.380	159.998
41837.121	48962.980	33.295	32.174	23.902
1.023				
12/12/2015 3:15:00 PM	962100.000	71.016	17.381	159.970
41853.539	48981.434	33.307	32.188	23.893
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41865.379	49002.004	33.321	32.203	23.886
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41818.996	48946.465	33.284	32.162	23.913
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12/12/2015 4:00:00 PM	964800.000	70.985	17.380	159.900
41892.508	49028.270	33.339	32.222	23.871
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41786.852	48913.625	33.261	32.137	23.931
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41834.309	48962.844	33.295	32.174	23.904
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41842.004	48973.672	33.302	32.182	23.899
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41856.289	48993.941	33.316	32.196	23.891
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41863.637	48997.461	33.318	32.199	23.887
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41832.336	48962.641	33.295	32.174	23.905
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12/12/2015 5:45:00 PM	971100.000	70.904	17.378	159.718
41852.785	48983.695	33.309	32.189	23.893
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12/12/2015 6:00:00 PM	972000.000	70.899	17.378	159.706
41845.133	48974.844	33.303	32.183	23.898
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41876.836	49008.012	33.325	32.207	23.880

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41874.449	49014.137	33.330	32.211	23.881	
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41864.801	48998.633	33.319	32.200	23.886	
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41860.582	48993.504	33.316	32.196	23.889	
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41853.320	48987.492	33.311	32.192	23.893	
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41834.047	48967.801	33.298	32.177	23.904	
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41862.238	48994.578	33.316	32.197	23.888	
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41848.527	48981.590	33.307	32.188	23.896	
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41847.820	48976.555	33.304	32.184	23.896	
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41838.516	48971.313	33.300	32.180	23.901	
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41825.195	48959.266	33.292	32.171	23.909	
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41841.734	48974.602	33.303	32.182	23.900	
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41856.605	48992.199	33.315	32.195	23.891	
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41823.957	48951.504	33.287	32.166	23.910	
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41877.344	49008.609	33.326	32.208	23.879	
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41809.395	48935.121	33.276	32.154	23.918	
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41856.762	48991.813	33.314	32.195	23.891	
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41866.645	49006.348	33.324	32.206	23.885	
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41871.113	49004.391	33.323	32.205	23.883	
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41827.746	48959.957	33.293	32.172	23.908
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41862.430	48999.016	33.319	32.200	23.888
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12/12/2015 11:30:00 PM	991800.000	70.879	17.374	159.661
41872.688	49011.309	33.328	32.209	23.882
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12/12/2015 11:45:00 PM	992700.000	70.898	17.382	159.704
41912.961	49050.398	33.354	32.238	23.859
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12/13/2015 12:00:00 AM	993600.000	70.904	17.380	159.718
41860.523	48990.277	33.313	32.194	23.889
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12/13/2015 12:15:00 AM	994500.000	70.913	17.374	159.738
41857.754	48993.934	33.316	32.197	23.890
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12/13/2015 12:30:00 AM	995400.000	70.916	17.378	159.745
41873.363	49007.883	33.325	32.207	23.882
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41859.215	48996.113	33.317	32.198	23.890
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12/13/2015 1:00:00 AM	997200.000	70.925	17.370	159.767
41833.930	48970.738	33.300	32.179	23.904
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41836.074	48968.930	33.299	32.178	23.903
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41817.539	48945.320	33.283	32.161	23.913
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41839.898	48970.539	33.300	32.180	23.901
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41844.199	48977.109	33.304	32.184	23.898
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41878.434	49018.801	33.333	32.215	23.879
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41845.207	48982.500	33.308	32.188	23.898
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41869.066	49004.109	33.323	32.204	23.884
1.023				
12/13/2015 3:00:00 AM	1004400.000	70.946	17.376	159.812
41873.813	49010.324	33.327	32.209	23.881
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12/13/2015 3:15:00 AM	1005300.000	70.949	17.377	159.820
41870.059	49004.785	33.323	32.205	23.883
1.023				
12/13/2015 3:30:00 AM	1006200.000	70.951	17.377	159.824

41863.785	48998.207	33.319	32.200	23.887
1.023				
12/13/2015 3:45:00 AM	1007100.000	70.953	17.380	159.830
41859.695	48990.066	33.313	32.194	23.889
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12/13/2015 4:00:00 AM	1008000.000	70.953	17.377	159.828
41869.285	49004.742	33.323	32.205	23.884
1.023				
12/13/2015 4:15:00 AM	1008900.000	70.953	17.374	159.830
41861.078	48998.402	33.319	32.200	23.889
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12/13/2015 4:30:00 AM	1009800.000	70.954	17.380	159.831
41871.660	49004.070	33.323	32.204	23.883
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41867.359	48999.898	33.320	32.201	23.885
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12/13/2015 5:00:00 AM	1011600.000	70.957	17.376	159.839
41878.402	49016.465	33.331	32.213	23.879
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12/13/2015 5:15:00 AM	1012500.000	70.956	17.372	159.836
41893.820	49038.262	33.346	32.229	23.870
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12/13/2015 5:30:00 AM	1013400.000	70.954	17.378	159.832
41852.344	48983.477	33.309	32.189	23.894
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12/13/2015 5:45:00 AM	1014300.000	70.959	17.378	159.841
41826.242	48952.543	33.288	32.166	23.908
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12/13/2015 6:00:00 AM	1015200.000	70.959	17.381	159.843
41887.727	49021.332	33.335	32.217	23.873
1.023				
12/13/2015 6:15:00 AM	1016100.000	70.960	17.372	159.845
41873.121	49014.414	33.330	32.211	23.882
1.023				
12/13/2015 6:30:00 AM	1017000.000	70.961	17.376	159.846
41842.703	48973.723	33.302	32.182	23.899
1.023				
12/13/2015 6:45:00 AM	1017900.000	70.959	17.379	159.841
41876.785	49011.031	33.328	32.209	23.880
1.023				
12/13/2015 7:00:00 AM	1018800.000	70.963	17.377	159.851
41855.148	48987.234	33.311	32.192	23.892
1.023				
12/13/2015 7:15:00 AM	1019700.000	70.970	17.374	159.866
41865.164	49002.609	33.322	32.203	23.886
1.023				
12/13/2015 7:30:00 AM	1020600.000	70.974	17.376	159.877
41878.883	49016.258	33.331	32.213	23.878
1.023				
12/13/2015 7:45:00 AM	1021500.000	70.981	17.373	159.892
41865.086	49003.570	33.322	32.204	23.886
1.023				
12/13/2015 8:00:00 AM	1022400.000	70.984	17.379	159.898
41863.891	48996.129	33.317	32.198	23.887

1.023					
12/13/2015 8:15:00 AM	1023300.000	70.988	17.378	159.908	
41889.047	49026.734	33.338	32.221	23.873	
1.023					
12/13/2015 8:30:00 AM	1024200.000	70.997	17.376	159.928	
41849.188	48981.805	33.308	32.188	23.895	
1.023					
12/13/2015 8:45:00 AM	1025100.000	70.991	17.379	159.913	
41850.082	48980.063	33.306	32.187	23.895	
1.023					
12/13/2015 9:00:00 AM	1026000.000	71.013	17.381	159.964	
41819.426	48941.785	33.280	32.159	23.912	
1.023					
12/13/2015 9:15:00 AM	1026900.000	71.019	17.374	159.978	
41841.805	48975.074	33.303	32.183	23.900	
1.023					
12/13/2015 9:30:00 AM	1027800.000	71.025	17.374	159.991	
41852.117	48987.430	33.311	32.192	23.894	
1.023					
12/13/2015 9:45:00 AM	1028700.000	71.034	17.379	160.011	
41842.184	48970.434	33.300	32.180	23.899	
1.023					
12/13/2015 10:00:00 AM	1029600.000	71.042	17.376	160.028	
41861.043	48996.238	33.317	32.198	23.889	
1.023					
12/13/2015 10:15:00 AM	1030500.000	71.053	17.375	160.054	
41827.434	48957.094	33.291	32.170	23.908	
1.023					
12/13/2015 10:30:00 AM	1031400.000	71.064	17.380	160.078	
41871.496	49003.293	33.322	32.204	23.883	
1.023					
12/13/2015 10:45:00 AM	1032300.000	71.066	17.377	160.082	
41836.449	48965.449	33.297	32.176	23.903	
1.023					
12/13/2015 11:00:00 AM	1033200.000	71.075	17.376	160.104	
41838.016	48968.813	33.299	32.178	23.902	
1.023					
12/13/2015 11:15:00 AM	1034100.000	71.083	17.376	160.122	
41853.391	48987.191	33.311	32.192	23.893	
1.023					
12/13/2015 11:30:00 AM	1035000.000	71.087	17.372	160.131	
41869.250	49009.305	33.326	32.208	23.884	
1.023					
12/13/2015 11:45:00 AM	1035900.000	71.093	17.377	160.143	
41880.273	49017.227	33.332	32.214	23.878	
1.023					
12/13/2015 12:00:00 PM	1036800.000	71.084	17.374	160.124	
41862.098	48999.297	33.320	32.200	23.888	
1.023					
12/13/2015 12:15:00 PM	1037700.000	71.099	17.380	160.158	
41871.348	49003.895	33.323	32.204	23.883	
1.023					
12/13/2015 12:30:00 PM	1038600.000	71.099	17.376	160.158	
41875.785	49012.934	33.329	32.211	23.880	
1.023					

12/13/2015 12:45:00 PM	1039500.000	71.104	17.369	160.169
41875.949	49021.086	33.334	32.216	23.880
1.023				
12/13/2015 1:00:00 PM	1040400.000	71.104	17.375	160.170
41848.766	48982.063	33.308	32.188	23.896
1.023				
12/13/2015 1:15:00 PM	1041300.000	71.104	17.376	160.170
41873.961	49010.598	33.327	32.209	23.881
1.023				
12/13/2015 1:30:00 PM	1042200.000	71.095	17.379	160.149
41887.297	49023.332	33.336	32.218	23.874
1.023				
12/13/2015 1:45:00 PM	1043100.000	71.098	17.377	160.155
41877.910	49014.461	33.330	32.212	23.879
1.023				
12/13/2015 2:00:00 PM	1044000.000	71.093	17.375	160.143
41845.180	48977.773	33.305	32.185	23.898
1.023				
12/13/2015 2:15:00 PM	1044900.000	71.075	17.378	160.103
41846.441	48975.898	33.304	32.184	23.897
1.023				
12/13/2015 2:30:00 PM	1045800.000	71.081	17.380	160.118
41859.809	48990.199	33.313	32.194	23.889
1.023				
12/13/2015 2:45:00 PM	1046700.000	71.072	17.377	160.096
41835.398	48964.410	33.296	32.175	23.903
1.023				
12/13/2015 3:00:00 PM	1047600.000	71.072	17.378	160.096
41845.332	48975.652	33.303	32.183	23.898
1.023				
12/13/2015 3:15:00 PM	1048500.000	71.063	17.372	160.076
41839.824	48974.953	33.303	32.183	23.901
1.023				
12/13/2015 3:30:00 PM	1049400.000	71.050	17.374	160.047
41887.023	49028.664	33.339	32.222	23.874
1.023				
12/13/2015 3:45:00 PM	1050300.000	71.040	17.379	160.024
41844.371	48972.516	33.301	32.181	23.898
1.023				
12/13/2015 4:00:00 PM	1051200.000	71.017	17.376	159.972
41842.758	48973.887	33.302	32.182	23.899
1.023				
12/13/2015 4:15:00 PM	1052100.000	71.017	17.378	159.974
41885.398	49022.254	33.335	32.218	23.875
1.023				
12/13/2015 4:30:00 PM	1053000.000	71.011	17.373	159.958
41876.344	49016.648	33.331	32.213	23.880
1.023				
12/13/2015 4:45:00 PM	1053900.000	70.992	17.378	159.917
41855.961	48987.324	33.311	32.192	23.891
1.023				
12/13/2015 5:00:00 PM	1054800.000	70.984	17.374	159.899
41861.004	48997.348	33.318	32.199	23.889
1.023				
12/13/2015 5:15:00 PM	1055700.000	70.970	17.376	159.866

41890.891	49030.313	33.341	32.223	23.872
1.023				
12/13/2015 5:30:00 PM	1056600.000	70.960	17.377	159.844
41855.258	48987.652	33.312	32.192	23.892
1.023				
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41850.430	48982.574	33.308	32.188	23.895
1.023				
12/13/2015 6:00:00 PM	1058400.000	70.941	17.374	159.801
41846.703	48980.699	33.307	32.187	23.897
1.023				
12/13/2015 6:15:00 PM	1059300.000	70.918	17.374	159.750
41877.457	49017.273	33.332	32.214	23.879
1.023				
12/13/2015 6:30:00 PM	1060200.000	70.922	17.376	159.758
41831.480	48960.586	33.293	32.172	23.905
1.023				
12/13/2015 6:45:00 PM	1061100.000	70.911	17.375	159.734
41843.297	48975.953	33.304	32.183	23.899
1.023				
12/13/2015 7:00:00 PM	1062000.000	70.906	17.373	159.723
41878.426	49019.086	33.333	32.215	23.879
1.023				
12/13/2015 7:15:00 PM	1062900.000	70.898	17.375	159.705
41832.047	48962.695	33.295	32.174	23.905
1.023				
12/13/2015 7:30:00 PM	1063800.000	70.890	17.378	159.687
41844.738	48974.664	33.303	32.183	23.898
1.023				
12/13/2015 7:45:00 PM	1064700.000	70.883	17.380	159.671
41837.453	48963.449	33.295	32.175	23.902
1.023				
12/13/2015 8:00:00 PM	1065600.000	70.879	17.379	159.662
41827.305	48952.453	33.288	32.166	23.908
1.023				
12/13/2015 8:15:00 PM	1066500.000	70.875	17.373	159.654
41853.676	48990.117	33.313	32.194	23.893
1.023				
12/13/2015 8:30:00 PM	1067400.000	70.873	17.375	159.649
41856.605	48992.008	33.315	32.195	23.891
1.023				
12/13/2015 8:45:00 PM	1068300.000	70.874	17.372	159.651
41827.629	48960.863	33.293	32.172	23.908
1.023				
12/13/2015 9:00:00 PM	1069200.000	70.871	17.378	159.644
41855.902	48986.973	33.311	32.192	23.891
1.023				
12/13/2015 9:15:00 PM	1070100.000	70.872	17.376	159.645
41835.410	48965.477	33.297	32.176	23.903
1.023				
12/13/2015 9:30:00 PM	1071000.000	70.870	17.378	159.641
41868.289	49001.469	33.321	32.202	23.884
1.023				
12/13/2015 9:45:00 PM	1071900.000	70.872	17.373	159.647
41874.410	49014.770	33.330	32.212	23.881

1.023					
12/13/2015 10:00:00 PM	1072800.000	70.875	17.373	159.653	
41824.109	48956.168	33.290	32.169	23.910	
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12/13/2015 10:15:00 PM	1073700.000	70.879	17.378	159.663	
41841.344	48970.793	33.300	32.180	23.900	
1.023					
12/13/2015 10:30:00 PM	1074600.000	70.873	17.377	159.648	
41867.082	49001.977	33.321	32.203	23.885	
1.023					
12/13/2015 10:45:00 PM	1075500.000	70.886	17.377	159.677	
41833.633	48962.719	33.295	32.174	23.904	
1.023					
12/13/2015 11:00:00 PM	1076400.000	70.895	17.376	159.698	
41857.504	48991.234	33.314	32.195	23.891	
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12/13/2015 11:15:00 PM	1077300.000	70.899	17.374	159.706	
41842.320	48975.570	33.303	32.183	23.899	
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12/13/2015 11:30:00 PM	1078200.000	70.907	17.372	159.725	
41856.621	48995.293	33.317	32.197	23.891	
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12/13/2015 11:45:00 PM	1079100.000	70.912	17.372	159.736	
41882.113	49024.941	33.337	32.219	23.877	
1.023					
12/14/2015 12:00:00 AM	1080000.000	70.917	17.377	159.747	
41838.641	48968.691	33.299	32.178	23.901	
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12/14/2015 12:15:00 AM	1080900.000	70.928	17.375	159.772	
41889.133	49029.219	33.340	32.223	23.873	
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12/14/2015 12:30:00 AM	1081800.000	70.915	17.372	159.743	
41853.703	48991.199	33.314	32.194	23.893	
1.023					
12/14/2015 12:45:00 AM	1082700.000	70.939	17.379	159.797	
41867.750	49000.547	33.320	32.202	23.885	
1.023					
12/14/2015 1:00:00 AM	1083600.000	70.945	17.375	159.811	
41911.027	49054.844	33.357	32.241	23.860	
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12/14/2015 1:15:00 AM	1084500.000	70.950	17.374	159.822	
41848.602	48983.500	33.309	32.189	23.896	
1.023					
12/14/2015 1:30:00 AM	1085400.000	70.953	17.374	159.829	
41857.473	48993.699	33.316	32.196	23.891	
1.023					
12/14/2015 1:45:00 AM	1086300.000	70.959	17.378	159.843	
41853.703	48984.977	33.310	32.190	23.893	
1.023					
12/14/2015 2:00:00 AM	1087200.000	70.965	17.375	159.857	
41866.969	49003.465	33.322	32.204	23.885	
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12/14/2015 2:15:00 AM	1088100.000	70.967	17.377	159.861	
41840.617	48970.418	33.300	32.179	23.900	
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12/14/2015 2:30:00 AM	1089000.000	70.973	17.374	159.873
41847.191	48981.270	33.307	32.187	23.896
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12/14/2015 2:45:00 AM	1089900.000	70.979	17.371	159.886
41854.879	48994.207	33.316	32.197	23.892
1.023				
12/14/2015 3:00:00 AM	1090800.000	70.979	17.374	159.886
41843.238	48977.605	33.305	32.185	23.899
1.023				
12/14/2015 3:15:00 AM	1091700.000	70.963	17.378	159.852
41866.332	49000.148	33.320	32.201	23.886
1.023				
12/14/2015 3:30:00 AM	1092600.000	70.982	17.380	159.894
41893.055	49028.719	33.340	32.222	23.870
1.023				
12/14/2015 3:45:00 AM	1093500.000	70.986	17.376	159.903
41848.828	48981.277	33.307	32.187	23.896
1.023				
12/14/2015 4:00:00 AM	1094400.000	70.990	17.373	159.912
41843.047	48978.059	33.305	32.185	23.899
1.023				
12/14/2015 4:15:00 AM	1095300.000	70.982	17.374	159.894
41861.676	48998.418	33.319	32.200	23.888
1.023				
12/14/2015 4:30:00 AM	1096200.000	70.991	17.376	159.913
41848.488	48980.785	33.307	32.187	23.896
1.023				
12/14/2015 4:45:00 AM	1097100.000	70.987	17.372	159.904
41817.172	48949.008	33.285	32.163	23.914
1.023				
12/14/2015 5:00:00 AM	1098000.000	70.985	17.374	159.902
41874.801	49014.082	33.330	32.211	23.881
1.023				
12/14/2015 5:15:00 AM	1098900.000	70.987	17.374	159.904
41860.047	48996.988	33.318	32.199	23.889
1.023				
12/14/2015 5:30:00 AM	1099800.000	70.986	17.376	159.903
41874.152	49010.531	33.327	32.209	23.881
1.023				
12/14/2015 5:45:00 AM	1100700.000	70.971	17.373	159.870
41848.438	48983.984	33.309	32.189	23.896
1.023				
12/14/2015 6:00:00 AM	1101600.000	70.989	17.376	159.910
41852.891	48985.746	33.310	32.191	23.893
1.023				
12/14/2015 6:15:00 AM	1102500.000	70.985	17.378	159.900
41869.844	49003.961	33.323	32.204	23.884
1.023				
12/14/2015 6:30:00 AM	1103400.000	70.985	17.379	159.902
41880.754	49015.766	33.331	32.213	23.877
1.023				
12/14/2015 6:45:00 AM	1104300.000	70.989	17.373	159.910
41860.313	48998.352	33.319	32.200	23.889
1.023				
12/14/2015 7:00:00 AM	1105200.000	70.987	17.376	159.904

41896.336	49037.457	33.345	32.229	23.868
1.023				
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41837.105	48976.277	33.304	32.183	23.902
1.023				
12/14/2015 7:30:00 AM	1107000.000	70.977	17.372	159.882
41840.238	48976.117	33.304	32.183	23.900
1.023				
12/14/2015 7:45:00 AM	1107900.000	70.995	17.371	159.923
41839.215	48975.578	33.303	32.183	23.901
1.023				
12/14/2015 8:00:00 AM	1108800.000	70.998	17.373	159.929
41829.238	48961.793	33.294	32.173	23.907
1.023				
12/14/2015 8:15:00 AM	1109700.000	70.999	17.373	159.933
41850.477	48986.469	33.311	32.191	23.895
1.023				
12/14/2015 8:30:00 AM	1110600.000	71.002	17.373	159.938
41844.246	48979.363	33.306	32.186	23.898
1.023				
12/14/2015 8:45:00 AM	1111500.000	71.007	17.377	159.950
41861.973	48995.891	33.317	32.198	23.888
1.023				
12/14/2015 9:00:00 AM	1112400.000	71.009	17.375	159.955
41862.879	48998.973	33.319	32.200	23.888
1.023				
12/14/2015 9:15:00 AM	1113300.000	71.017	17.378	159.973
41866.363	49000.078	33.320	32.201	23.886
1.023				
12/14/2015 9:30:00 AM	1114200.000	71.018	17.375	159.975
41820.789	48949.984	33.286	32.164	23.912
1.023				
12/14/2015 9:45:00 AM	1115100.000	71.026	17.380	159.993
41830.777	48955.555	33.290	32.169	23.906
1.023				
12/14/2015 10:00:00 AM	1116000.000	71.034	17.379	160.010
41845.520	48974.629	33.303	32.183	23.897
1.023				
12/14/2015 10:15:00 AM	1116900.000	71.023	17.377	159.986
41886.648	49024.879	33.337	32.219	23.874
1.023				
12/14/2015 10:30:00 AM	1117800.000	71.043	17.377	160.032
41843.367	48973.934	33.302	32.182	23.899
1.023				
12/14/2015 10:45:00 AM	1118700.000	71.050	17.375	160.047
41837.008	48968.500	33.299	32.178	23.902
1.023				
12/14/2015 11:00:00 AM	1119600.000	71.059	17.372	160.068
41841.855	48977.516	33.305	32.184	23.900
1.023				
12/14/2015 11:15:00 AM	1120500.000	71.064	17.375	160.079
41918.824	49063.969	33.364	32.248	23.856
1.023				
12/14/2015 11:30:00 AM	1121400.000	71.071	17.377	160.095
41864.609	48999.168	33.319	32.201	23.887

1.023					
12/14/2015 11:45:00 AM	1122300.000	71.073	17.378	160.099	
41820.895	48946.094	33.283	32.162	23.911	
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41839.590	48968.852	33.299	32.178	23.901	
1.023					
12/14/2015 12:15:00 PM	1124100.000	71.084	17.380	160.123	
41864.219	48995.074	33.317	32.198	23.887	
1.023					
12/14/2015 12:30:00 PM	1125000.000	71.092	17.373	160.142	
41823.762	48955.102	33.289	32.168	23.910	
1.023					
12/14/2015 12:45:00 PM	1125900.000	71.095	17.373	160.149	
41862.379	49000.203	33.320	32.201	23.888	
1.023					
12/14/2015 1:00:00 PM	1126800.000	71.093	17.377	160.143	
41869.293	49004.652	33.323	32.205	23.884	
1.023					
12/14/2015 1:15:00 PM	1127700.000	71.097	17.377	160.152	
41862.035	48995.684	33.317	32.198	23.888	
1.023					
12/14/2015 1:30:00 PM	1128600.000	71.099	17.376	160.158	
41848.707	48981.242	33.307	32.187	23.896	
1.023					
12/14/2015 1:45:00 PM	1129500.000	71.094	17.377	160.146	
41861.375	48995.008	33.317	32.198	23.888	
1.023					
12/14/2015 2:00:00 PM	1130400.000	71.097	17.375	160.153	
41833.734	48965.328	33.296	32.176	23.904	
1.023					
12/14/2015 2:15:00 PM	1131300.000	71.096	17.372	160.152	
41855.555	48993.273	33.315	32.196	23.892	
1.023					
12/14/2015 2:30:00 PM	1132200.000	71.086	17.378	160.127	
41864.723	48998.348	33.319	32.200	23.886	
1.023					
12/14/2015 2:45:00 PM	1133100.000	71.086	17.374	160.129	
41852.535	48987.637	33.312	32.192	23.893	
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12/14/2015 3:00:00 PM	1134000.000	71.081	17.378	160.116	
41852.891	48983.816	33.309	32.189	23.893	
1.023					
12/14/2015 3:15:00 PM	1134900.000	71.072	17.377	160.098	
41831.082	48959.453	33.292	32.171	23.906	
1.023					
12/14/2015 3:30:00 PM	1135800.000	71.067	17.376	160.086	
41833.281	48963.570	33.295	32.174	23.904	
1.023					
12/14/2015 3:45:00 PM	1136700.000	71.060	17.380	160.069	
41889.527	49024.980	33.337	32.220	23.872	
1.023					
12/14/2015 4:00:00 PM	1137600.000	71.051	17.375	160.049	
41879.059	49017.910	33.332	32.214	23.878	
1.023					

12/14/2015 4:15:00 PM 41839.137 1.023	1138500.000 48974.148	71.046 33.302	17.372 32.182	160.038 23.901
12/14/2015 4:30:00 PM 41848.730 1.023	1139400.000 48982.605	71.033 33.308	17.375 32.188	160.009 23.896
12/14/2015 4:45:00 PM 41828.281 1.023	1140300.000 48955.789	71.023 33.290	17.377 32.169	159.986 23.907
12/14/2015 5:00:00 PM 41836.957 1.023	1141200.000 48969.102	71.012 33.299	17.375 32.178	159.961 23.902
12/14/2015 5:15:00 PM 41863.934 1.023	1142100.000 49000.484	70.998 33.320	17.375 32.201	159.930 23.887
12/14/2015 5:30:00 PM 41833.391 1.023	1143000.000 48964.926	70.993 33.296	17.375 32.175	159.919 23.904
12/14/2015 5:45:00 PM 41838.332 1.023	1143900.000 48971.965	70.981 33.301	17.373 32.180	159.891 23.902
12/14/2015 6:00:00 PM 41833.145 1.023	1144800.000 48965.500	70.973 33.297	17.374 32.176	159.874 23.904
12/14/2015 6:15:00 PM 41846.676 1.023	1145700.000 48979.613	70.953 33.306	17.375 32.186	159.829 23.897
12/14/2015 6:30:00 PM 41845.324 1.023	1146600.000 48973.633	70.951 33.302	17.379 32.182	159.824 23.898
12/14/2015 6:45:00 PM 41837.238 1.023	1147500.000 48963.500	70.934 33.295	17.380 32.175	159.785 23.902
12/14/2015 7:00:00 PM 41847.910 1.023	1148400.000 48981.922	70.927 33.308	17.375 32.188	159.769 23.896
12/14/2015 7:15:00 PM 41896.625 1.023	1149300.000 49037.410	70.919 33.345	17.376 32.229	159.752 23.868
12/14/2015 7:30:00 PM 41888.535 1.023	1150200.000 49025.926	70.909 33.338	17.378 32.220	159.730 23.873
12/14/2015 7:45:00 PM 41896.031 1.023	1151100.000 49034.129	70.900 33.343	17.378 32.226	159.709 23.869
12/14/2015 8:00:00 PM 41850.977 1.023	1152000.000 48979.863	70.898 33.306	17.380 32.187	159.705 23.894
12/14/2015 8:15:00 PM 41845.012 1.023	1152900.000 48977.961	70.891 33.305	17.375 32.185	159.688 23.898
12/14/2015 8:30:00 PM 41870.617 1.023	1153800.000 49007.547	70.885 33.325	17.375 32.207	159.676 23.883
12/14/2015 8:45:00 PM	1154700.000	70.881	17.375	159.665

41873.598	49011.227	33.328	32.209	23.881
1.023				
12/14/2015 9:00:00 PM	1155600.000	70.877	17.375	159.657
41864.379	49001.008	33.321	32.202	23.887
1.023				
12/14/2015 9:15:00 PM	1156500.000	70.875	17.375	159.653
41891.211	49032.605	33.342	32.225	23.871
1.023				
12/14/2015 9:30:00 PM	1157400.000	70.874	17.375	159.651
41842.719	48975.375	33.303	32.183	23.899
1.023				
12/14/2015 9:45:00 PM	1158300.000	70.874	17.376	159.651
41854.008	48987.832	33.312	32.192	23.893
1.023				
12/14/2015 10:00:00 PM	1159200.000	70.874	17.374	159.651
41842.918	48976.938	33.304	32.184	23.899
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12/14/2015 10:15:00 PM	1160100.000	70.879	17.371	159.663
41814.512	48946.660	33.284	32.162	23.915
1.023				
12/14/2015 10:30:00 PM	1161000.000	70.879	17.374	159.663
41824.629	48955.441	33.290	32.168	23.909
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12/14/2015 10:45:00 PM	1161900.000	70.878	17.375	159.659
41884.656	49024.566	33.337	32.219	23.875
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12/14/2015 11:00:00 PM	1162800.000	70.881	17.377	159.667
41906.391	49048.070	33.353	32.236	23.863
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12/14/2015 11:15:00 PM	1163700.000	70.883	17.376	159.671
41842.711	48974.609	33.303	32.182	23.899
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12/14/2015 11:30:00 PM	1164600.000	70.891	17.374	159.689
41855.895	48992.418	33.315	32.195	23.891
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12/14/2015 11:45:00 PM	1165500.000	70.877	17.371	159.657
41842.246	48978.840	33.306	32.185	23.899
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12/15/2015 12:00:00 AM	1166400.000	70.902	17.376	159.713
41855.738	48989.664	33.313	32.194	23.892
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12/15/2015 12:15:00 AM	1167300.000	70.908	17.376	159.727
41873.074	49010.148	33.327	32.209	23.882
1.023				
12/15/2015 12:30:00 AM	1168200.000	70.911	17.372	159.734
41818.586	48950.660	33.286	32.165	23.913
1.023				
12/15/2015 12:45:00 AM	1169100.000	70.921	17.380	159.756
41842.945	48970.566	33.300	32.180	23.899
1.023				
12/15/2015 1:00:00 AM	1170000.000	70.923	17.379	159.760
41878.770	49013.152	33.329	32.211	23.878
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12/15/2015 1:15:00 AM	1170900.000	70.932	17.377	159.780
41846.070	48977.570	33.305	32.185	23.897

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12/15/2015 1:30:00 AM	1171800.000	70.938	17.372	159.795	
41844.359	48980.367	33.307	32.186	23.898	
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12/15/2015 1:45:00 AM	1172700.000	70.942	17.375	159.804	
41856.129	48991.266	33.314	32.195	23.891	
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12/15/2015 2:00:00 AM	1173600.000	70.933	17.377	159.783	
41848.707	48980.559	33.307	32.187	23.896	
1.023					
12/15/2015 2:15:00 AM	1174500.000	70.950	17.372	159.823	
41878.883	49020.672	33.334	32.216	23.878	
1.023					
12/15/2015 2:30:00 AM	1175400.000	70.959	17.376	159.841	
41835.773	48965.609	33.297	32.176	23.903	
1.023					
12/15/2015 2:45:00 AM	1176300.000	70.962	17.373	159.850	
41862.957	49000.879	33.321	32.202	23.887	
1.023					
12/15/2015 3:00:00 AM	1177200.000	70.963	17.375	159.851	
41846.809	48979.973	33.306	32.186	23.897	
1.023					
12/15/2015 3:15:00 AM	1178100.000	70.969	17.372	159.865	
41855.547	48994.035	33.316	32.196	23.892	
1.023					
12/15/2015 3:30:00 AM	1179000.000	70.969	17.376	159.865	
41858.496	48993.258	33.315	32.196	23.890	
1.023					
12/15/2015 3:45:00 AM	1179900.000	70.971	17.374	159.869	
41833.332	48965.719	33.297	32.176	23.904	
1.023					
12/15/2015 4:00:00 AM	1180800.000	70.975	17.372	159.878	
41841.074	48977.094	33.304	32.184	23.900	
1.023					
12/15/2015 4:15:00 AM	1181700.000	70.975	17.372	159.878	
41883.148	49026.438	33.338	32.220	23.876	
1.023					
12/15/2015 4:30:00 AM	1182600.000	70.977	17.371	159.883	
41869.203	49010.305	33.327	32.208	23.884	
1.023					
12/15/2015 4:45:00 AM	1183500.000	70.975	17.376	159.878	
41840.609	48971.656	33.301	32.180	23.900	
1.023					
12/15/2015 5:00:00 AM	1184400.000	70.979	17.374	159.887	
41878.715	49018.277	33.332	32.214	23.878	
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12/15/2015 5:15:00 AM	1185300.000	70.965	17.373	159.854	
41836.781	48970.148	33.300	32.179	23.902	
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12/15/2015 5:30:00 AM	1186200.000	70.972	17.374	159.871	
41858.547	48995.332	33.317	32.198	23.890	
1.023					
12/15/2015 5:45:00 AM	1187100.000	70.971	17.373	159.870	
41841.055	48975.242	33.303	32.183	23.900	
1.023					

12/15/2015 6:00:00 AM	1188000.000	70.972	17.375	159.872
41838.445	48969.891	33.300	32.179	23.901
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12/15/2015 6:15:00 AM	1188900.000	70.972	17.373	159.871
41817.496	48948.234	33.285	32.163	23.913
1.023				
12/15/2015 6:30:00 AM	1189800.000	70.972	17.374	159.872
41854.840	48990.895	33.314	32.194	23.892
1.023				
12/15/2015 6:45:00 AM	1190700.000	70.969	17.380	159.865
41876.301	49009.691	33.327	32.208	23.880
1.023				
12/15/2015 7:00:00 AM	1191600.000	70.970	17.377	159.866
41860.004	48993.305	33.315	32.196	23.889
1.023				
12/15/2015 7:15:00 AM	1192500.000	70.954	17.378	159.830
41857.965	48990.359	33.313	32.194	23.890
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12/15/2015 7:30:00 AM	1193400.000	70.966	17.372	159.857
41855.375	48993.832	33.316	32.196	23.892
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12/15/2015 7:45:00 AM	1194300.000	70.966	17.375	159.857
41892.426	49033.750	33.343	32.226	23.871
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12/15/2015 8:00:00 AM	1195200.000	70.968	17.380	159.862
41876.676	49009.180	33.326	32.208	23.880
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12/15/2015 8:15:00 AM	1196100.000	70.952	17.371	159.826
41875.977	49018.902	33.333	32.215	23.880
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12/15/2015 8:30:00 AM	1197000.000	70.970	17.371	159.867
41810.520	48941.797	33.280	32.158	23.917
1.023				
12/15/2015 8:45:00 AM	1197900.000	70.972	17.370	159.871
41826.789	48961.707	33.294	32.173	23.908
1.023				
12/15/2015 9:00:00 AM	1198800.000	70.972	17.371	159.872
41892.777	49038.375	33.346	32.229	23.870
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12/15/2015 9:15:00 AM	1199700.000	70.979	17.375	159.886
41842.602	48975.344	33.303	32.183	23.899
1.023				
12/15/2015 9:30:00 AM	1200600.000	70.978	17.376	159.884
41894.871	49034.879	33.344	32.227	23.869
1.023				
12/15/2015 9:45:00 AM	1201500.000	70.983	17.378	159.896
41864.078	48996.824	33.318	32.199	23.887
1.023				
12/15/2015 10:00:00 AM	1202400.000	70.982	17.376	159.894
41865.551	49000.957	33.321	32.202	23.886
1.023				
12/15/2015 10:15:00 AM	1203300.000	70.991	17.374	159.915
41819.344	48949.637	33.286	32.164	23.912
1.023				
12/15/2015 10:30:00 AM	1204200.000	70.994	17.371	159.921

41831.699	48966.305	33.297	32.176	23.905
1.023				
12/15/2015 10:45:00 AM	1205100.000	70.996	17.375	159.926
41834.574	48966.313	33.297	32.176	23.904
1.023				
12/15/2015 11:00:00 AM	1206000.000	71.004	17.375	159.942
41853.023	48987.906	33.312	32.192	23.893
1.023				
12/15/2015 11:15:00 AM	1206900.000	71.010	17.376	159.956
41852.758	48986.367	33.311	32.191	23.893
1.023				
12/15/2015 11:30:00 AM	1207800.000	71.014	17.374	159.967
41810.434	48938.246	33.278	32.156	23.917
1.023				
12/15/2015 11:45:00 AM	1208700.000	71.021	17.373	159.982
41886.941	49028.953	33.340	32.222	23.874
1.023				
12/15/2015 12:00:00 PM	1209600.000	71.026	17.372	159.992
41827.945	48961.816	33.294	32.173	23.907
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12/15/2015 12:15:00 PM	1210500.000	71.031	17.374	160.003
41838.922	48972.469	33.301	32.181	23.901
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12/15/2015 12:30:00 PM	1211400.000	71.035	17.374	160.014
41869.793	49007.633	33.325	32.207	23.884
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12/15/2015 12:45:00 PM	1212300.000	71.040	17.373	160.024
41861.527	48999.406	33.320	32.201	23.888
1.023				
12/15/2015 1:00:00 PM	1213200.000	71.046	17.371	160.037
41862.125	49002.109	33.321	32.202	23.888
1.023				
12/15/2015 1:15:00 PM	1214100.000	71.049	17.376	160.044
41851.754	48985.000	33.310	32.190	23.894
1.023				
12/15/2015 1:30:00 PM	1215000.000	71.049	17.372	160.046
41854.016	48991.859	33.314	32.195	23.893
1.023				
12/15/2015 1:45:00 PM	1215900.000	71.054	17.375	160.056
41895.301	49037.297	33.345	32.228	23.869
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12/15/2015 2:00:00 PM	1216800.000	71.054	17.373	160.055
41889.230	49031.926	33.342	32.224	23.872
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12/15/2015 2:15:00 PM	1217700.000	71.057	17.374	160.063
41859.117	48996.191	33.317	32.198	23.890
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12/15/2015 2:30:00 PM	1218600.000	71.054	17.373	160.055
41832.145	48964.723	33.296	32.175	23.905
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12/15/2015 2:45:00 PM	1219500.000	71.057	17.375	160.063
41836.984	48968.371	33.298	32.178	23.902
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12/15/2015 3:00:00 PM	1220400.000	71.052	17.374	160.052
41833.906	48965.914	33.297	32.176	23.904

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12/15/2015 3:15:00 PM	1221300.000	71.047	17.374	160.039
41850.645	48985.891	33.310	32.191	23.894
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12/15/2015 3:30:00 PM	1222200.000	71.045	17.371	160.036
41833.035	48968.250	33.298	32.178	23.905
1.023				
12/15/2015 3:45:00 PM	1223100.000	71.040	17.374	160.024
41870.480	49008.531	33.326	32.207	23.883
1.023				
12/15/2015 4:00:00 PM	1224000.000	71.032	17.377	160.006
41886.027	49024.152	33.336	32.219	23.874
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12/15/2015 4:15:00 PM	1224900.000	71.028	17.375	159.998
41854.980	48990.105	33.313	32.194	23.892
1.023				
12/15/2015 4:30:00 PM	1225800.000	71.020	17.377	159.979
41890.816	49029.367	33.340	32.223	23.872
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12/15/2015 4:45:00 PM	1226700.000	71.011	17.376	159.958
41850.805	48983.395	33.309	32.189	23.894
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12/15/2015 5:00:00 PM	1227600.000	71.007	17.370	159.950
41837.629	48975.359	33.303	32.183	23.902
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12/15/2015 5:15:00 PM	1228500.000	70.995	17.374	159.923
41858.797	48994.855	33.317	32.197	23.890
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12/15/2015 5:30:00 PM	1229400.000	70.981	17.375	159.891
41822.758	48952.480	33.288	32.166	23.910
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12/15/2015 5:45:00 PM	1230300.000	70.972	17.376	159.872
41864.879	48999.867	33.320	32.201	23.886
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41858.008	48991.543	33.314	32.195	23.890
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12/15/2015 6:15:00 PM	1232100.000	70.950	17.373	159.823
41872.047	49011.902	33.328	32.210	23.882
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12/15/2015 6:30:00 PM	1233000.000	70.942	17.373	159.804
41875.086	49015.176	33.330	32.212	23.881
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12/15/2015 6:45:00 PM	1233900.000	70.934	17.375	159.785
41854.406	48988.957	33.312	32.193	23.892
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12/15/2015 7:00:00 PM	1234800.000	70.921	17.375	159.757
41861.863	48998.254	33.319	32.200	23.888
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12/15/2015 7:15:00 PM	1235700.000	70.913	17.376	159.738
41824.742	48953.660	33.288	32.167	23.909
1.023				
12/15/2015 7:30:00 PM	1236600.000	70.905	17.375	159.720
41851.566	48985.836	33.310	32.191	23.894
1.023				

12/15/2015 7:45:00 PM	1237500.000	70.892	17.377	159.691
41875.492	49011.145	33.328	32.209	23.880
1.023				
12/15/2015 8:00:00 PM	1238400.000	70.884	17.373	159.673
41842.957	48978.227	33.305	32.185	23.899
1.023				
12/15/2015 8:15:00 PM	1239300.000	70.864	17.373	159.629
41860.746	48999.051	33.319	32.200	23.889
1.023				
12/15/2015 8:30:00 PM	1240200.000	70.872	17.375	159.645
41850.336	48984.762	33.310	32.190	23.895
1.023				
12/15/2015 8:45:00 PM	1241100.000	70.864	17.372	159.628
41840.652	48976.410	33.304	32.184	23.900
1.023				
12/15/2015 9:00:00 PM	1242000.000	70.846	17.375	159.587
41870.441	49008.199	33.326	32.207	23.883
1.023				
12/15/2015 9:15:00 PM	1242900.000	70.852	17.373	159.602
41855.523	48992.660	33.315	32.196	23.892
1.023				
12/15/2015 9:30:00 PM	1243800.000	70.851	17.373	159.598
41853.250	48990.000	33.313	32.194	23.893
1.023				
12/15/2015 9:45:00 PM	1244700.000	70.847	17.373	159.590
41883.105	49025.141	33.337	32.219	23.876
1.023				
12/15/2015 10:00:00 PM	1245600.000	70.846	17.372	159.587
41866.938	49007.367	33.325	32.206	23.885
1.023				
12/15/2015 10:15:00 PM	1246500.000	70.845	17.372	159.586
41837.648	48972.895	33.302	32.181	23.902
1.023				
12/15/2015 10:30:00 PM	1247400.000	70.841	17.368	159.577
41836.273	48975.875	33.304	32.183	23.903
1.023				
12/15/2015 10:45:00 PM	1248300.000	70.845	17.377	159.585
41838.961	48969.066	33.299	32.178	23.901
1.023				
12/15/2015 11:00:00 PM	1249200.000	70.846	17.374	159.588
41843.805	48978.184	33.305	32.185	23.898
1.023				
12/15/2015 11:15:00 PM	1250100.000	70.851	17.376	159.598
41884.434	49023.055	33.336	32.218	23.875
1.023				
12/15/2015 11:30:00 PM	1251000.000	70.852	17.370	159.602
41863.086	49004.582	33.323	32.204	23.887
1.023				
12/15/2015 11:45:00 PM	1251900.000	70.856	17.371	159.610
41861.258	49001.773	33.321	32.202	23.888
1.023				
12/16/2015 12:00:00 AM	1252800.000	70.858	17.375	159.615
41851.246	48985.551	33.310	32.190	23.894
1.023				
12/16/2015 12:15:00 AM	1253700.000	70.866	17.377	159.632

41865.359	49000.148	33.320	32.201	23.886
1.023				
12/16/2015 12:30:00 AM	1254600.000	70.873	17.378	159.649
41871.258	49005.805	33.324	32.205	23.883
1.023				
12/16/2015 12:45:00 AM	1255500.000	70.878	17.374	159.660
41854.898	48991.172	33.314	32.194	23.892
1.023				
12/16/2015 1:00:00 AM	1256400.000	70.885	17.374	159.675
41852.664	48987.871	33.312	32.192	23.893
1.023				
12/16/2015 1:15:00 AM	1257300.000	70.889	17.371	159.684
41859.785	48999.656	33.320	32.201	23.889
1.023				
12/16/2015 1:30:00 AM	1258200.000	70.877	17.373	159.658
41881.141	49022.363	33.335	32.217	23.877
1.023				
12/16/2015 1:45:00 AM	1259100.000	70.906	17.372	159.723
41864.379	49003.504	33.322	32.203	23.887
1.023				
12/16/2015 2:00:00 AM	1260000.000	70.908	17.374	159.727
41860.957	48997.684	33.318	32.199	23.889
1.023				
12/16/2015 2:15:00 AM	1260900.000	70.916	17.372	159.746
41867.344	49007.543	33.325	32.206	23.885
1.023				
12/16/2015 2:30:00 AM	1261800.000	70.923	17.374	159.760
41879.059	49019.531	33.333	32.215	23.878
1.023				
12/16/2015 2:45:00 AM	1262700.000	70.934	17.371	159.785
41857.543	48997.617	33.318	32.199	23.891
1.023				
12/16/2015 3:00:00 AM	1263600.000	70.935	17.374	159.788
41854.770	48990.637	33.314	32.194	23.892
1.023				
12/16/2015 3:15:00 AM	1264500.000	70.940	17.369	159.799
41858.320	48999.762	33.320	32.201	23.890
1.023				
12/16/2015 3:30:00 AM	1265400.000	70.947	17.376	159.814
41862.387	48997.637	33.318	32.199	23.888
1.023				
12/16/2015 3:45:00 AM	1266300.000	70.933	17.370	159.784
41911.617	49061.586	33.362	32.246	23.860
1.023				
12/16/2015 4:00:00 AM	1267200.000	70.954	17.376	159.832
41849.223	48981.930	33.308	32.188	23.895
1.023				
12/16/2015 4:15:00 AM	1268100.000	70.959	17.375	159.842
41879.289	49018.457	33.333	32.215	23.878
1.023				
12/16/2015 4:30:00 AM	1269000.000	70.963	17.377	159.851
41893.629	49032.465	33.342	32.225	23.870
1.023				
12/16/2015 4:45:00 AM	1269900.000	70.966	17.373	159.859
41849.242	48985.504	33.310	32.190	23.895

1.023				
12/16/2015 5:00:00 AM	1270800.000	70.969	17.376	159.865
41894.242	49034.145	33.343	32.226	23.870
1.023				
12/16/2015 5:15:00 AM	1271700.000	70.970	17.374	159.868
41872.809	49012.133	33.328	32.210	23.882
1.023				
12/16/2015 5:30:00 AM	1272600.000	70.968	17.371	159.863
41857.305	48997.047	33.318	32.199	23.891
1.023				
12/16/2015 5:45:00 AM	1273500.000	70.967	17.371	159.860
41884.055	49027.875	33.339	32.221	23.875
1.023				
12/16/2015 6:00:00 AM	1274400.000	70.969	17.373	159.865
41852.570	48989.012	33.313	32.193	23.893
1.023				
12/16/2015 6:15:00 AM	1275300.000	70.969	17.377	159.864
41831.785	48960.852	33.293	32.172	23.905
1.023				
12/16/2015 6:30:00 AM	1276200.000	70.969	17.373	159.865
41813.977	48943.648	33.282	32.160	23.915
1.023				
12/16/2015 6:45:00 AM	1277100.000	70.967	17.375	159.860
41838.621	48970.684	33.300	32.180	23.901
1.023				
12/16/2015 7:00:00 AM	1278000.000	70.970	17.373	159.866
41856.539	48993.566	33.316	32.196	23.891
1.023				
12/16/2015 7:15:00 AM	1278900.000	70.966	17.372	159.857
41880.109	49022.016	33.335	32.217	23.878
1.023				
12/16/2015 7:30:00 AM	1279800.000	70.964	17.366	159.854
41852.164	48996.402	33.318	32.198	23.894
1.023				
12/16/2015 7:45:00 AM	1280700.000	70.964	17.374	159.854
41876.973	49016.430	33.331	32.213	23.879
1.023				
12/16/2015 8:00:00 AM	1281600.000	70.962	17.372	159.849
41856.078	48994.355	33.316	32.197	23.891
1.023				
12/16/2015 8:15:00 AM	1282500.000	70.961	17.373	159.846
41863.898	49001.891	33.321	32.202	23.887
1.023				
12/16/2015 8:30:00 AM	1283400.000	70.961	17.375	159.847
41853.574	48988.359	33.312	32.192	23.893
1.023				
12/16/2015 8:45:00 AM	1284300.000	70.959	17.372	159.843
41871.016	49012.234	33.328	32.210	23.883
1.023				
12/16/2015 9:00:00 AM	1285200.000	70.960	17.372	159.844
41884.332	49026.961	33.338	32.221	23.875
1.023				
12/16/2015 9:15:00 AM	1286100.000	70.958	17.371	159.840
41856.719	48996.652	33.318	32.198	23.891
1.023				

12/16/2015 9:30:00 AM	1287000.000	70.946	17.375	159.814
41815.758	48943.426	33.282	32.160	23.914
1.023				
12/16/2015 9:45:00 AM	1287900.000	70.948	17.370	159.818
41841.383	48979.074	33.306	32.185	23.900
1.023				
12/16/2015 10:00:00 AM	1288800.000	70.965	17.373	159.856
41870.879	49010.250	33.327	32.208	23.883
1.023				
12/16/2015 10:15:00 AM	1289700.000	70.967	17.373	159.861
41839.309	48973.297	33.302	32.181	23.901
1.023				
12/16/2015 10:30:00 AM	1290600.000	70.968	17.371	159.863
41892.219	49037.531	33.346	32.228	23.871
1.023				
12/16/2015 10:45:00 AM	1291500.000	70.970	17.370	159.868
41828.395	48964.055	33.296	32.174	23.907
1.023				
12/16/2015 11:00:00 AM	1292400.000	70.975	17.372	159.879
41845.625	48981.930	33.308	32.188	23.897
1.023				
12/16/2015 11:15:00 AM	1293300.000	70.982	17.371	159.895
41803.316	48933.180	33.275	32.152	23.922
1.023				
12/16/2015 11:30:00 AM	1294200.000	70.981	17.370	159.892
41850.395	48989.809	33.313	32.193	23.895
1.023				
12/16/2015 11:45:00 AM	1295100.000	70.987	17.376	159.905
41892.914	49033.367	33.343	32.226	23.870
1.023				
12/16/2015 12:00:00 PM	1296000.000	70.990	17.373	159.912
41870.141	49009.387	33.326	32.208	23.883
1.023				
12/16/2015 12:15:00 PM	1296900.000	70.996	17.376	159.925
41890.309	49029.539	33.340	32.223	23.872
1.023				
12/16/2015 12:30:00 PM	1297800.000	71.001	17.372	159.937
41820.098	48952.047	33.287	32.166	23.912
1.023				
12/16/2015 12:45:00 PM	1298700.000	70.995	17.377	159.923
41846.063	48977.266	33.305	32.184	23.897
1.023				
12/16/2015 1:00:00 PM	1299600.000	71.013	17.374	159.963
41881.344	49021.152	33.334	32.217	23.877
1.023				
12/16/2015 1:15:00 PM	1300500.000	71.011	17.371	159.958
41852.367	48990.973	33.314	32.194	23.894
1.023				
12/16/2015 1:30:00 PM	1301400.000	71.015	17.376	159.969
41871.105	49007.352	33.325	32.207	23.883
1.023				
12/16/2015 1:45:00 PM	1302300.000	71.019	17.370	159.978
41848.813	48987.488	33.311	32.192	23.896
1.023				
12/16/2015 2:00:00 PM	1303200.000	71.027	17.376	159.996

41888.746	49028.105	33.339	32.222	23.873
1.023				
12/16/2015 2:15:00 PM	1304100.000	71.026	17.374	159.994
41880.852	49020.863	33.334	32.216	23.877
1.023				
12/16/2015 2:30:00 PM	1305000.000	71.030	17.373	160.002
41855.281	48991.805	33.314	32.195	23.892
1.023				
12/16/2015 2:45:00 PM	1305900.000	71.028	17.377	159.998
41880.289	49017.047	33.332	32.214	23.878
1.023				
12/16/2015 3:00:00 PM	1306800.000	71.031	17.375	160.005
41867.473	49004.453	33.323	32.204	23.885
1.023				
12/16/2015 3:15:00 PM	1307700.000	71.029	17.373	160.000
41858.832	48996.344	33.318	32.198	23.890
1.023				
12/16/2015 3:30:00 PM	1308600.000	71.028	17.379	159.997
41843.813	48972.152	33.301	32.181	23.898
1.023				
12/16/2015 3:45:00 PM	1309500.000	71.031	17.375	160.005
41893.184	49034.344	33.343	32.226	23.870
1.023				
12/16/2015 4:00:00 PM	1310400.000	71.027	17.373	159.995
41887.824	49030.086	33.340	32.223	23.873
1.023				
12/16/2015 4:15:00 PM	1311300.000	71.028	17.372	159.997
41849.938	48987.168	33.311	32.191	23.895
1.023				
12/16/2015 4:30:00 PM	1312200.000	71.021	17.370	159.981
41836.680	48974.148	33.302	32.182	23.902
1.023				
12/16/2015 4:45:00 PM	1313100.000	71.018	17.374	159.975
41818.344	48948.082	33.285	32.163	23.913
1.023				
12/16/2015 5:00:00 PM	1314000.000	71.011	17.371	159.960
41900.941	49047.355	33.352	32.236	23.866
1.023				
12/16/2015 5:15:00 PM	1314900.000	71.005	17.372	159.945
41853.234	48991.219	33.314	32.194	23.893
1.023				
12/16/2015 5:30:00 PM	1315800.000	70.998	17.374	159.929
41842.461	48975.641	33.303	32.183	23.899
1.023				
12/16/2015 5:45:00 PM	1316700.000	70.990	17.370	159.912
41855.605	48995.723	33.317	32.198	23.892
1.023				
12/16/2015 6:00:00 PM	1317600.000	70.984	17.371	159.899
41865.379	49005.922	33.324	32.205	23.886
1.023				
12/16/2015 6:15:00 PM	1318500.000	70.977	17.377	159.883
41850.727	48982.445	33.308	32.188	23.894
1.023				
12/16/2015 6:30:00 PM	1319400.000	70.970	17.374	159.866
41841.047	48974.750	33.303	32.182	23.900

1.023					
12/16/2015 6:45:00 PM	1320300.000	70.961	17.371	159.846	
41843.805	48980.668	33.307	32.187	23.898	
1.023					
12/16/2015 7:00:00 PM	1321200.000	70.950	17.373	159.822	
41844.289	48978.938	33.306	32.186	23.898	
1.023					
12/16/2015 7:15:00 PM	1322100.000	70.940	17.374	159.800	
41863.734	49000.633	33.320	32.201	23.887	
1.023					
12/16/2015 7:30:00 PM	1323000.000	70.932	17.373	159.782	
41847.621	48982.930	33.308	32.188	23.896	
1.023					
12/16/2015 7:45:00 PM	1323900.000	70.921	17.374	159.757	
41851.203	48985.969	33.310	32.191	23.894	
1.023					
12/16/2015 8:00:00 PM	1324800.000	70.914	17.375	159.741	
41869.469	49006.688	33.325	32.206	23.884	
1.023					
12/16/2015 8:15:00 PM	1325700.000	70.904	17.377	159.717	
41870.941	49005.719	33.324	32.205	23.883	
1.023					
12/16/2015 8:30:00 PM	1326600.000	70.896	17.376	159.701	
41880.516	49018.363	33.332	32.215	23.877	
1.023					
12/16/2015 8:45:00 PM	1327500.000	70.892	17.373	159.692	
41837.516	48971.199	33.300	32.180	23.902	
1.023					
12/16/2015 9:00:00 PM	1328400.000	70.884	17.370	159.674	
41864.523	49005.973	33.324	32.205	23.887	
1.023					
12/16/2015 9:15:00 PM	1329300.000	70.879	17.372	159.662	
41809.277	48939.574	33.279	32.157	23.918	
1.023					
12/16/2015 9:30:00 PM	1330200.000	70.872	17.372	159.647	
41870.680	49011.367	33.328	32.209	23.883	
1.023					
12/16/2015 9:45:00 PM	1331100.000	70.867	17.375	159.635	
41850.609	48984.320	33.309	32.190	23.895	
1.023					
12/16/2015 10:00:00 PM	1332000.000	70.863	17.372	159.625	
41880.078	49022.258	33.335	32.217	23.878	
1.023					
12/16/2015 10:15:00 PM	1332900.000	70.858	17.377	159.615	
41898.566	49038.539	33.346	32.229	23.867	
1.023					
12/16/2015 10:30:00 PM	1333800.000	70.858	17.373	159.614	
41906.105	49051.586	33.355	32.239	23.863	
1.023					
12/16/2015 10:45:00 PM	1334700.000	70.856	17.371	159.610	
41843.871	48980.551	33.307	32.187	23.898	
1.023					
12/16/2015 11:00:00 PM	1335600.000	70.849	17.376	159.594	
41877.773	49015.648	33.331	32.213	23.879	
1.023					

12/16/2015 11:15:00 PM	1336500.000	70.854	17.369	159.607
41865.063	49007.949	33.325	32.207	23.886
1.023				
12/16/2015 11:30:00 PM	1337400.000	70.845	17.369	159.584
41844.289	48983.633	33.309	32.189	23.898
1.023				
12/16/2015 11:45:00 PM	1338300.000	70.859	17.379	159.616
41878.758	49012.859	33.329	32.211	23.878
1.023				

Report Date: 12/18/2015 1:48:21 PM
Report User Name: KMaker
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9M_2015-12-17_09-18-41-633.wsl
Create Date: 12/17/2015 9:18:36 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time

Note

7/17/2015 1:21:04 PM Used Battery: 1% Used Memory: 1% User Name: CShaw
7/17/2015 1:21:34 PM Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:25:28 PM Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:25:28 PM Device Taken Offline
7/17/2015 1:25:35 PM Sensor Disabled: 1
7/17/2015 1:26:04 PM Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:26:38 PM Device Put Online
7/17/2015 1:26:38 PM Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:29:36 PM Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:31:15 PM Device Taken Offline
7/17/2015 1:32:19 PM Device Put Online
7/17/2015 1:32:20 PM Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:33:21 PM Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:33:27 PM Device Taken Offline
7/17/2015 1:34:34 PM Device Put Online
7/17/2015 1:34:35 PM Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:35:49 PM Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:35:55 PM Device Taken Offline
7/17/2015 1:37:59 PM Sensor SN: 410760 Actual conductivity calibration.
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 Sensor SN: 410760 Actual conductivity calibration.
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 Sensor SN: 410760 Actual conductivity calibration.
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

Log Data:

Record Count: 1525

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	
Elapsed Time	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#:
410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760
SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)	Salinity (PSU)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000	70.013	16.813	157.711	
38000.242	45043.988	30629.914	29.287	26.316	
1.021					
12/10/2015 12:15:00 AM	735300.000	70.015	16.823	157.715	
37987.109	45017.969	30612.221	29.269	26.325	
1.021					

12/10/2015 12:30:00 AM	736200.000	70.000	16.819	157.683
37983.555	45018.313	30612.455	29.269	26.327
1.021				
12/10/2015 12:45:00 AM	737100.000	70.003	16.817	157.689
37989.035	45026.148	30617.783	29.275	26.323
1.021				
12/10/2015 1:00:00 AM	738000.000	70.005	16.814	157.692
37970.387	45006.988	30604.754	29.261	26.336
1.021				
12/10/2015 1:15:00 AM	738900.000	70.004	16.816	157.691
37989.246	45027.656	30618.809	29.276	26.323
1.021				
12/10/2015 1:30:00 AM	739800.000	70.022	16.823	157.732
37994.355	45026.813	30618.234	29.275	26.320
1.021				
12/10/2015 1:45:00 AM	740700.000	70.012	16.815	157.710
37997.211	45038.348	30626.078	29.283	26.318
1.021				
12/10/2015 2:00:00 AM	741600.000	70.030	16.820	157.749
37982.730	45015.727	30610.697	29.267	26.328
1.021				
12/10/2015 2:15:00 AM	742500.000	70.010	16.819	157.704
38010.633	45050.406	30634.279	29.292	26.308
1.021				
12/10/2015 2:30:00 AM	743400.000	70.029	16.826	157.746
38006.918	45038.492	30626.178	29.284	26.311
1.021				
12/10/2015 2:45:00 AM	744300.000	70.012	16.829	157.710
38000.633	45028.078	30619.096	29.277	26.315
1.021				
12/10/2015 3:00:00 AM	745200.000	70.032	16.824	157.753
38034.457	45073.449	30649.945	29.309	26.292
1.021				
12/10/2015 3:15:00 AM	746100.000	70.017	16.813	157.721
38016.457	45062.859	30642.746	29.301	26.304
1.021				
12/10/2015 3:30:00 AM	747000.000	70.026	16.817	157.739
37989.117	45026.777	30618.209	29.275	26.323
1.021				
12/10/2015 3:45:00 AM	747900.000	70.016	16.824	157.719
37985.566	45015.063	30610.242	29.267	26.326
1.021				
12/10/2015 4:00:00 AM	748800.000	70.023	16.816	157.733
38025.047	45070.363	30647.850	29.306	26.298
1.021				
12/10/2015 4:15:00 AM	749700.000	70.034	16.824	157.759
38025.801	45063.109	30642.916	29.302	26.298
1.021				
12/10/2015 4:30:00 AM	750600.000	70.023	16.816	157.733
37984.941	45022.996	30615.639	29.272	26.326
1.021				
12/10/2015 4:45:00 AM	751500.000	70.032	16.814	157.754
38006.094	45050.121	30634.082	29.292	26.312
1.021				
12/10/2015 5:00:00 AM	752400.000	70.029	16.812	157.747
37973.176	45012.895	30608.770	29.265	26.334

1.021				
12/10/2015 5:15:00 AM	753300.000	70.029	16.817	157.748
38014.078	45055.910	30638.021	29.296	26.306
1.021				
12/10/2015 5:30:00 AM	754200.000	70.031	16.814	157.752
38000.102	45042.484	30628.893	29.286	26.316
1.021				
12/10/2015 5:45:00 AM	755100.000	70.030	16.816	157.750
38016.586	45059.703	30640.598	29.299	26.304
1.021				
12/10/2015 6:00:00 AM	756000.000	70.034	16.814	157.758
37980.281	45019.523	30613.277	29.270	26.329
1.021				
12/10/2015 6:15:00 AM	756900.000	70.037	16.820	157.766
38044.324	45089.074	30660.572	29.320	26.285
1.021				
12/10/2015 6:30:00 AM	757800.000	70.045	16.815	157.783
38003.652	45045.797	30631.145	29.289	26.313
1.021				
12/10/2015 6:45:00 AM	758700.000	70.045	16.818	157.782
37993.195	45030.270	30620.584	29.278	26.321
1.021				
12/10/2015 7:00:00 AM	759600.000	70.061	16.823	157.820
37987.621	45018.574	30612.633	29.269	26.324
1.021				
12/10/2015 7:15:00 AM	760500.000	70.052	16.828	157.799
38020.539	45052.477	30635.686	29.294	26.302
1.021				
12/10/2015 7:30:00 AM	761400.000	70.069	16.825	157.837
38011.375	45044.566	30630.307	29.288	26.308
1.021				
12/10/2015 7:45:00 AM	762300.000	70.074	16.823	157.849
38007.109	45042.203	30628.701	29.286	26.311
1.021				
12/10/2015 8:00:00 AM	763200.000	70.086	16.819	157.875
38007.738	45046.977	30631.947	29.290	26.310
1.021				
12/10/2015 8:15:00 AM	764100.000	70.071	16.827	157.841
38010.449	45041.422	30628.170	29.286	26.309
1.021				
12/10/2015 8:30:00 AM	765000.000	70.075	16.825	157.850
38019.652	45055.098	30637.469	29.296	26.302
1.021				
12/10/2015 8:45:00 AM	765900.000	70.099	16.818	157.904
37997.160	45035.520	30624.154	29.281	26.318
1.021				
12/10/2015 9:00:00 AM	766800.000	70.087	16.814	157.878
38016.383	45062.141	30642.258	29.300	26.304
1.021				
12/10/2015 9:15:00 AM	767700.000	70.106	16.814	157.920
38002.621	45045.383	30630.863	29.288	26.314
1.021				
12/10/2015 9:30:00 AM	768600.000	70.092	16.816	157.890
37997.305	45037.293	30625.361	29.283	26.318
1.021				
12/10/2015 9:45:00 AM	769500.000	70.099	16.819	157.906

38029.699	45072.637	30649.393	29.308	26.295
1.021				
12/10/2015 10:00:00 AM	770400.000	70.116	16.830	157.944
35690.555	42289.719	28757.012	27.307	28.019
1.020				
12/10/2015 10:15:00 AM	771300.000	70.102	16.826	157.913
38059.555	45100.770	30668.525	29.329	26.275
1.021				
12/10/2015 10:30:00 AM	772200.000	70.111	16.818	157.933
38026.961	45070.570	30647.990	29.307	26.297
1.021				
12/10/2015 10:45:00 AM	773100.000	70.116	16.814	157.944
38023.461	45069.898	30647.533	29.306	26.300
1.021				
12/10/2015 11:00:00 AM	774000.000	70.136	16.818	157.988
37995.914	45034.043	30623.152	29.280	26.319
1.021				
12/10/2015 11:15:00 AM	774900.000	70.125	16.822	157.962
38006.375	45041.688	30628.350	29.286	26.311
1.021				
12/10/2015 11:30:00 AM	775800.000	70.124	16.821	157.960
38005.289	45041.926	30628.512	29.286	26.312
1.021				
12/10/2015 11:45:00 AM	776700.000	70.128	16.816	157.971
38012.074	45054.613	30637.139	29.295	26.307
1.021				
12/10/2015 12:00:00 PM	777600.000	70.133	16.816	157.981
38014.922	45058.617	30639.859	29.298	26.305
1.021				
12/10/2015 12:15:00 PM	778500.000	70.146	16.808	158.011
37992.867	45039.992	30627.197	29.284	26.321
1.021				
12/10/2015 12:30:00 PM	779400.000	70.131	16.814	157.976
38008.723	45053.238	30636.203	29.294	26.310
1.021				
12/10/2015 12:45:00 PM	780300.000	70.145	16.819	158.010
37998.895	45036.223	30624.633	29.282	26.317
1.021				
12/10/2015 1:00:00 PM	781200.000	70.126	16.818	157.966
38017.672	45059.738	30640.625	29.299	26.304
1.021				
12/10/2015 1:15:00 PM	782100.000	70.147	16.817	158.013
38040.344	45087.590	30659.561	29.319	26.288
1.021				
12/10/2015 1:30:00 PM	783000.000	70.127	16.821	157.968
38031.895	45073.543	30650.012	29.309	26.294
1.021				
12/10/2015 1:45:00 PM	783900.000	70.140	16.823	157.997
37978.199	45007.758	30605.275	29.262	26.331
1.021				
12/10/2015 2:00:00 PM	784800.000	70.120	16.820	157.953
38014.172	45053.168	30636.156	29.294	26.306
1.021				
12/10/2015 2:15:00 PM	785700.000	70.133	16.812	157.981
38023.793	45072.535	30649.326	29.308	26.299
1.021				

12/10/2015 2:30:00 PM	786600.000	70.119	16.821	157.950
38051.504	45096.605	30665.693	29.326	26.280
1.021				
12/10/2015 2:45:00 PM	787500.000	70.113	16.818	157.937
37985.223	45021.277	30614.469	29.271	26.326
1.021				
12/10/2015 3:00:00 PM	788400.000	70.105	16.816	157.918
38005.145	45046.223	30631.434	29.289	26.312
1.021				
12/10/2015 3:15:00 PM	789300.000	70.102	16.821	157.913
38014.590	45053.035	30636.066	29.294	26.306
1.021				
12/10/2015 3:30:00 PM	790200.000	70.099	16.818	157.904
37982.680	45017.637	30611.996	29.268	26.328
1.021				
12/10/2015 3:45:00 PM	791100.000	70.093	16.815	157.892
38005.230	45048.035	30632.666	29.290	26.312
1.021				
12/10/2015 4:00:00 PM	792000.000	70.102	16.817	157.911
38020.664	45063.813	30643.395	29.302	26.301
1.021				
12/10/2015 4:15:00 PM	792900.000	70.097	16.829	157.901
38011.121	45040.871	30627.795	29.286	26.308
1.021				
12/10/2015 4:30:00 PM	793800.000	70.076	16.822	157.854
38019.934	45057.945	30639.404	29.298	26.302
1.021				
12/10/2015 4:45:00 PM	794700.000	70.077	16.816	157.855
37997.023	45036.773	30625.008	29.282	26.318
1.021				
12/10/2015 5:00:00 PM	795600.000	70.089	16.817	157.882
38023.156	45067.313	30645.775	29.304	26.300
1.021				
12/10/2015 5:15:00 PM	796500.000	70.065	16.831	157.827
37998.473	45023.023	30615.658	29.273	26.317
1.021				
12/10/2015 5:30:00 PM	797400.000	70.077	16.822	157.856
38009.344	45045.207	30630.740	29.289	26.309
1.021				
12/10/2015 5:45:00 PM	798300.000	70.060	16.822	157.817
38018.160	45055.391	30637.666	29.296	26.303
1.021				
12/10/2015 6:00:00 PM	799200.000	70.069	16.826	157.838
38013.086	45045.355	30630.844	29.289	26.307
1.021				
12/10/2015 6:15:00 PM	800100.000	70.065	16.817	157.828
38017.418	45060.324	30641.023	29.299	26.304
1.021				
12/10/2015 6:30:00 PM	801000.000	70.052	16.814	157.799
37982.141	45021.645	30614.719	29.271	26.328
1.021				
12/10/2015 6:45:00 PM	801900.000	70.050	16.814	157.795
38002.379	45045.539	30630.969	29.288	26.314
1.021				
12/10/2015 7:00:00 PM	802800.000	70.046	16.831	157.786
38001.281	45026.352	30617.922	29.276	26.315

1.021				
12/10/2015 7:15:00 PM	803700.000	70.066	16.815	157.831
38003.367	45045.730	30631.100	29.289	26.313
1.021				
12/10/2015 7:30:00 PM	804600.000	70.060	16.821	157.816
38012.934	45050.715	30634.486	29.293	26.307
1.021				
12/10/2015 7:45:00 PM	805500.000	70.037	16.827	157.765
37998.449	45027.289	30618.559	29.276	26.317
1.021				
12/10/2015 8:00:00 PM	806400.000	70.056	16.822	157.809
38011.602	45047.703	30632.439	29.290	26.308
1.021				
12/10/2015 8:15:00 PM	807300.000	70.062	16.829	157.823
38003.922	45031.551	30621.457	29.279	26.313
1.021				
12/10/2015 8:30:00 PM	808200.000	70.045	16.820	157.782
37983.660	45016.559	30611.262	29.268	26.327
1.021				
12/10/2015 8:45:00 PM	809100.000	70.046	16.819	157.785
38005.949	45044.055	30629.959	29.288	26.312
1.021				
12/10/2015 9:00:00 PM	810000.000	70.048	16.822	157.789
38026.906	45066.648	30645.320	29.304	26.297
1.021				
12/10/2015 9:15:00 PM	810900.000	70.062	16.824	157.823
38017.902	45053.480	30636.367	29.295	26.303
1.021				
12/10/2015 9:30:00 PM	811800.000	70.066	16.823	157.831
38021.445	45059.008	30640.127	29.299	26.301
1.021				
12/10/2015 9:45:00 PM	812700.000	70.067	16.821	157.832
38007.586	45044.555	30630.299	29.288	26.311
1.021				
12/10/2015 10:00:00 PM	813600.000	70.060	16.821	157.817
38015.422	45053.934	30636.678	29.295	26.305
1.021				
12/10/2015 10:15:00 PM	814500.000	70.060	16.822	157.817
38020.578	45058.613	30639.857	29.298	26.302
1.021				
12/10/2015 10:30:00 PM	815400.000	70.076	16.819	157.853
38003.316	45040.840	30627.773	29.285	26.313
1.021				
12/10/2015 10:45:00 PM	816300.000	70.073	16.821	157.847
38031.465	45072.223	30649.113	29.308	26.294
1.021				
12/10/2015 11:00:00 PM	817200.000	70.086	16.815	157.874
37997.047	45038.336	30626.070	29.283	26.318
1.021				
12/10/2015 11:15:00 PM	818100.000	70.072	16.823	157.845
37997.957	45030.914	30621.023	29.278	26.317
1.021				
12/10/2015 11:30:00 PM	819000.000	70.078	16.828	157.858
38007.055	45036.324	30624.703	29.283	26.311
1.021				
12/10/2015 11:45:00 PM	819900.000	70.083	16.828	157.868

38019.742	45051.277	30634.871	29.293	26.302
1.021				
12/11/2015 12:00:00 AM	820800.000	70.097	16.824	157.900
38006.309	45040.090	30627.264	29.285	26.311
1.021				
12/11/2015 12:15:00 AM	821700.000	70.095	16.816	157.897
37997.426	45037.703	30625.641	29.283	26.318
1.021				
12/11/2015 12:30:00 AM	822600.000	70.113	16.818	157.937
37979.641	45014.754	30610.035	29.266	26.330
1.021				
12/11/2015 12:45:00 AM	823500.000	70.120	16.816	157.952
38006.277	45047.563	30632.346	29.290	26.311
1.021				
12/11/2015 1:00:00 AM	824400.000	70.108	16.822	157.924
38008.254	45043.828	30629.805	29.288	26.310
1.021				
12/11/2015 1:15:00 AM	825300.000	70.129	16.827	157.973
38013.121	45044.676	30630.381	29.289	26.307
1.021				
12/11/2015 1:30:00 AM	826200.000	70.115	16.819	157.941
38026.520	45068.965	30646.898	29.306	26.297
1.021				
12/11/2015 1:45:00 AM	827100.000	70.129	16.831	157.972
38024.891	45055.035	30637.424	29.296	26.299
1.021				
12/11/2015 2:00:00 AM	828000.000	70.130	16.820	157.975
38014.762	45053.953	30636.688	29.295	26.306
1.021				
12/11/2015 2:15:00 AM	828900.000	70.134	16.829	157.984
38020.680	45052.199	30635.498	29.294	26.301
1.021				
12/11/2015 2:30:00 AM	829800.000	70.125	16.813	157.964
38018.160	45064.699	30643.998	29.302	26.303
1.021				
12/11/2015 2:45:00 AM	830700.000	70.143	16.824	158.004
38027.273	45065.023	30644.219	29.303	26.297
1.021				
12/11/2015 3:00:00 AM	831600.000	70.153	16.818	158.027
38033.621	45077.832	30652.928	29.312	26.293
1.021				
12/11/2015 3:15:00 AM	832500.000	70.133	16.822	157.981
38029.254	45069.160	30647.029	29.306	26.296
1.021				
12/11/2015 3:30:00 AM	833400.000	70.152	16.825	158.023
38023.340	45058.664	30639.895	29.299	26.300
1.021				
12/11/2015 3:45:00 AM	834300.000	70.153	16.821	158.026
38037.520	45079.852	30654.301	29.314	26.290
1.021				
12/11/2015 4:00:00 AM	835200.000	70.142	16.825	158.001
38030.406	45067.039	30645.588	29.305	26.295
1.021				
12/11/2015 4:15:00 AM	836100.000	70.146	16.816	158.010
38016.016	45059.828	30640.684	29.299	26.305
1.021				

12/11/2015 4:30:00 AM	837000.000	70.157	16.816	158.036
37967.301	45002.172	30601.479	29.257	26.338
1.021				
12/11/2015 4:45:00 AM	837900.000	70.146	16.809	158.011
37968.129	45009.328	30606.346	29.262	26.338
1.021				
12/11/2015 5:00:00 AM	838800.000	70.149	16.824	158.018
38018.582	45054.008	30636.729	29.295	26.303
1.021				
12/11/2015 5:15:00 AM	839700.000	70.153	16.821	158.027
38005.855	45042.777	30629.092	29.287	26.312
1.021				
12/11/2015 5:30:00 AM	840600.000	70.175	16.823	158.076
37996.555	45029.160	30619.832	29.277	26.318
1.021				
12/11/2015 5:45:00 AM	841500.000	70.162	16.824	158.047
38010.340	45045.051	30630.637	29.289	26.309
1.021				
12/11/2015 6:00:00 AM	842400.000	70.177	16.817	158.080
38020.234	45063.207	30642.982	29.301	26.302
1.021				
12/11/2015 6:15:00 AM	843300.000	70.183	16.823	158.094
38040.945	45081.859	30655.666	29.315	26.287
1.021				
12/11/2015 6:30:00 AM	844200.000	70.186	16.826	158.102
38044.340	45082.836	30656.330	29.316	26.285
1.021				
12/11/2015 6:45:00 AM	845100.000	70.176	16.820	158.079
37983.246	45016.160	30610.990	29.268	26.327
1.021				
12/11/2015 7:00:00 AM	846000.000	70.194	16.813	158.119
37983.477	45023.953	30616.291	29.273	26.327
1.021				
12/11/2015 7:15:00 AM	846900.000	70.195	16.819	158.122
38009.809	45048.891	30633.248	29.291	26.309
1.021				
12/11/2015 7:30:00 AM	847800.000	70.202	16.816	158.136
37992.418	45031.945	30621.723	29.279	26.321
1.021				
12/11/2015 7:45:00 AM	848700.000	70.207	16.822	158.148
38019.074	45057.453	30639.070	29.297	26.303
1.021				
12/11/2015 8:00:00 AM	849600.000	70.206	16.823	158.147
37994.566	45027.250	30618.531	29.276	26.320
1.021				
12/11/2015 8:15:00 AM	850500.000	70.195	16.820	158.121
38027.688	45068.828	30646.805	29.306	26.297
1.021				
12/11/2015 8:30:00 AM	851400.000	70.216	16.816	158.168
38005.762	45047.762	30632.480	29.290	26.312
1.021				
12/11/2015 8:45:00 AM	852300.000	70.223	16.814	158.185
37987.566	45027.453	30618.670	29.275	26.324
1.021				
12/11/2015 9:00:00 AM	853200.000	70.209	16.826	158.152
38030.383	45065.852	30644.781	29.304	26.295

1.021				
12/11/2015 9:15:00 AM	854100.000	70.217	16.819	158.170
38007.625	45046.840	30631.854	29.290	26.311
1.021				
12/11/2015 9:30:00 AM	855000.000	70.217	16.822	158.172
37994.816	45028.262	30619.221	29.276	26.319
1.021				
12/11/2015 9:45:00 AM	855900.000	70.229	16.824	158.198
37994.020	45025.617	30617.422	29.275	26.320
1.021				
12/11/2015 10:00:00 AM	856800.000	70.245	16.827	158.233
38004.070	45034.117	30623.201	29.281	26.313
1.021				
12/11/2015 10:15:00 AM	857700.000	70.249	16.829	158.242
38022.551	45054.152	30636.826	29.295	26.300
1.021				
12/11/2015 10:30:00 AM	858600.000	70.252	16.815	158.249
37991.066	45031.246	30621.250	29.278	26.322
1.021				
12/11/2015 10:45:00 AM	859500.000	70.246	16.819	158.236
38015.949	45056.527	30638.441	29.297	26.305
1.021				
12/11/2015 11:00:00 AM	860400.000	70.250	16.819	158.244
37987.254	45021.805	30614.830	29.272	26.325
1.021				
12/11/2015 11:15:00 AM	861300.000	70.249	16.824	158.242
38013.453	45048.648	30633.084	29.291	26.306
1.021				
12/11/2015 11:30:00 AM	862200.000	70.250	16.825	158.246
38024.922	45060.539	30641.166	29.300	26.299
1.021				
12/11/2015 11:45:00 AM	863100.000	70.254	16.823	158.254
38027.195	45065.730	30644.699	29.303	26.297
1.021				
12/11/2015 12:00:00 PM	864000.000	70.259	16.819	158.265
38008.422	45047.516	30632.313	29.290	26.310
1.021				
12/11/2015 12:15:00 PM	864900.000	70.276	16.828	158.304
38004.703	45033.539	30622.809	29.281	26.313
1.021				
12/11/2015 12:30:00 PM	865800.000	70.260	16.826	158.269
38020.738	45054.949	30637.367	29.296	26.301
1.021				
12/11/2015 12:45:00 PM	866700.000	70.267	16.817	158.282
37996.023	45034.965	30623.779	29.281	26.319
1.021				
12/11/2015 1:00:00 PM	867600.000	70.279	16.817	158.310
38005.156	45045.887	30631.205	29.289	26.312
1.021				
12/11/2015 1:15:00 PM	868500.000	70.276	16.819	158.303
38006.906	45045.453	30630.908	29.289	26.311
1.021				
12/11/2015 1:30:00 PM	869400.000	70.278	16.824	158.308
37976.035	45004.395	30602.988	29.259	26.332
1.021				
12/11/2015 1:45:00 PM	870300.000	70.279	16.829	158.311

38047.762	45083.496	30656.779	29.317	26.283
1.021				
12/11/2015 2:00:00 PM	871200.000	70.260	16.826	158.268
38022.297	45056.270	30638.266	29.297	26.300
1.021				
12/11/2015 2:15:00 PM	872100.000	70.258	16.821	158.264
38013.355	45051.133	30634.773	29.293	26.307
1.021				
12/11/2015 2:30:00 PM	873000.000	70.259	16.816	158.266
38010.715	45052.742	30635.865	29.294	26.308
1.021				
12/11/2015 2:45:00 PM	873900.000	70.256	16.812	158.259
37967.160	45005.941	30604.043	29.260	26.339
1.021				
12/11/2015 3:00:00 PM	874800.000	70.250	16.818	158.246
38028.742	45072.859	30649.545	29.308	26.296
1.021				
12/11/2015 3:15:00 PM	875700.000	70.263	16.828	158.274
38055.656	45094.453	30664.230	29.325	26.277
1.021				
12/11/2015 3:30:00 PM	876600.000	70.254	16.821	158.253
38022.621	45062.195	30642.293	29.301	26.300
1.021				
12/11/2015 3:45:00 PM	877500.000	70.254	16.815	158.254
38022.223	45067.375	30645.816	29.304	26.300
1.021				
12/11/2015 4:00:00 PM	878400.000	70.228	16.825	158.196
38013.246	45047.504	30632.303	29.290	26.307
1.021				
12/11/2015 4:15:00 PM	879300.000	70.243	16.831	158.230
38009.156	45036.391	30624.748	29.283	26.309
1.021				
12/11/2015 4:30:00 PM	880200.000	70.223	16.818	158.183
38002.191	45041.297	30628.084	29.286	26.314
1.021				
12/11/2015 4:45:00 PM	881100.000	70.228	16.808	158.195
38031.410	45085.512	30658.150	29.317	26.294
1.021				
12/11/2015 5:00:00 PM	882000.000	70.213	16.815	158.161
38006.715	45049.164	30633.432	29.291	26.311
1.021				
12/11/2015 5:15:00 PM	882900.000	70.210	16.813	158.154
38006.047	45051.047	30634.715	29.292	26.312
1.021				
12/11/2015 5:30:00 PM	883800.000	70.202	16.812	158.136
38009.434	45056.051	30638.117	29.296	26.309
1.021				
12/11/2015 5:45:00 PM	884700.000	70.193	16.823	158.116
38013.816	45050.148	30634.104	29.292	26.306
1.021				
12/11/2015 6:00:00 PM	885600.000	70.206	16.825	158.147
38025.934	45062.004	30642.164	29.301	26.298
1.021				
12/11/2015 6:15:00 PM	886500.000	70.199	16.819	158.130
38020.906	45061.875	30642.078	29.301	26.301
1.021				

12/11/2015 6:30:00 PM	887400.000	70.195	16.829	158.121
38037.133	45071.156	30648.389	29.308	26.290
1.021				
12/11/2015 6:45:00 PM	888300.000	70.181	16.819	158.089
37995.645	45032.734	30622.262	29.279	26.319
1.021				
12/11/2015 7:00:00 PM	889200.000	70.189	16.821	158.108
38038.023	45080.277	30654.590	29.314	26.289
1.021				
12/11/2015 7:15:00 PM	890100.000	70.187	16.836	158.103
38010.168	45032.137	30621.855	29.280	26.309
1.021				
12/11/2015 7:30:00 PM	891000.000	70.179	16.827	158.086
38023.352	45057.152	30638.865	29.298	26.300
1.021				
12/11/2015 7:45:00 PM	891900.000	70.182	16.830	158.091
38019.035	45048.461	30632.953	29.291	26.303
1.021				
12/11/2015 8:00:00 PM	892800.000	70.179	16.813	158.084
37999.699	45043.344	30629.477	29.287	26.316
1.021				
12/11/2015 8:15:00 PM	893700.000	70.179	16.817	158.084
37998.270	45037.723	30625.654	29.283	26.317
1.021				
12/11/2015 8:30:00 PM	894600.000	70.161	16.826	158.044
38028.273	45063.430	30643.135	29.302	26.296
1.021				
12/11/2015 8:45:00 PM	895500.000	70.158	16.829	158.038
38036.918	45070.902	30648.217	29.308	26.290
1.021				
12/11/2015 9:00:00 PM	896400.000	70.161	16.825	158.044
37982.305	45010.387	30607.063	29.264	26.328
1.021				
12/11/2015 9:15:00 PM	897300.000	70.174	16.825	158.073
38020.484	45055.281	30637.592	29.296	26.302
1.021				
12/11/2015 9:30:00 PM	898200.000	70.162	16.827	158.046
37998.965	45028.066	30619.088	29.277	26.317
1.021				
12/11/2015 9:45:00 PM	899100.000	70.164	16.816	158.051
38035.383	45082.238	30655.924	29.315	26.291
1.021				
12/11/2015 10:00:00 PM	900000.000	70.162	16.822	158.047
38008.309	45044.695	30630.395	29.288	26.310
1.021				
12/11/2015 10:15:00 PM	900900.000	70.169	16.827	158.062
37984.566	45010.930	30607.434	29.264	26.326
1.021				
12/11/2015 10:30:00 PM	901800.000	70.168	16.821	158.059
38041.750	45084.957	30657.771	29.317	26.287
1.021				
12/11/2015 10:45:00 PM	902700.000	70.170	16.819	158.064
38013.824	45054.098	30636.789	29.295	26.306
1.021				
12/11/2015 11:00:00 PM	903600.000	70.188	16.819	158.105
38015.957	45056.086	30638.141	29.296	26.305

1.021				
12/11/2015 11:15:00 PM	904500.000	70.191	16.831	158.111
38044.023	45077.531	30652.721	29.312	26.285
1.021				
12/11/2015 11:30:00 PM	905400.000	70.196	16.828	158.123
38007.551	45037.637	30625.596	29.283	26.311
1.021				
12/11/2015 11:45:00 PM	906300.000	70.181	16.821	158.090
38006.645	45042.910	30629.182	29.287	26.311
1.021				
12/12/2015 12:00:00 AM	907200.000	70.183	16.822	158.093
38007.914	45044.227	30630.076	29.288	26.310
1.021				
12/12/2015 12:15:00 AM	908100.000	70.203	16.824	158.139
38013.285	45047.824	30632.523	29.291	26.307
1.021				
12/12/2015 12:30:00 AM	909000.000	70.208	16.823	158.151
37999.789	45033.344	30622.676	29.280	26.316
1.021				
12/12/2015 12:45:00 AM	909900.000	70.197	16.826	158.125
37995.531	45024.723	30616.814	29.274	26.319
1.021				
12/12/2015 1:00:00 AM	910800.000	70.196	16.825	158.123
37974.836	45001.453	30600.990	29.257	26.333
1.021				
12/12/2015 1:15:00 AM	911700.000	70.216	16.817	158.168
37998.750	45037.934	30625.797	29.283	26.317
1.021				
12/12/2015 1:30:00 AM	912600.000	70.218	16.815	158.173
37989.441	45028.953	30619.688	29.276	26.323
1.021				
12/12/2015 1:45:00 AM	913500.000	70.199	16.823	158.130
37988.254	45019.770	30613.445	29.270	26.324
1.021				
12/12/2015 2:00:00 AM	914400.000	70.208	16.819	158.150
38052.027	45098.930	30667.275	29.327	26.280
1.021				
12/12/2015 2:15:00 AM	915300.000	70.206	16.823	158.146
38004.070	45038.328	30626.064	29.284	26.313
1.021				
12/12/2015 2:30:00 AM	916200.000	70.224	16.827	158.186
38021.422	45054.602	30637.131	29.296	26.301
1.021				
12/12/2015 2:45:00 AM	917100.000	70.227	16.817	158.193
38009.504	45050.766	30634.523	29.292	26.309
1.021				
12/12/2015 3:00:00 AM	918000.000	70.231	16.818	158.201
37976.840	45010.535	30607.166	29.263	26.332
1.021				
12/12/2015 3:15:00 AM	918900.000	70.219	16.817	158.176
38016.625	45058.668	30639.896	29.298	26.304
1.021				
12/12/2015 3:30:00 AM	919800.000	70.217	16.819	158.172
37980.832	45014.992	30610.197	29.267	26.329
1.021				
12/12/2015 3:45:00 AM	920700.000	70.233	16.830	158.207

37980.488	45003.152	30602.146	29.259	26.329
1.021				
12/12/2015 4:00:00 AM	921600.000	70.239	16.818	158.220
37997.988	45035.949	30624.447	29.282	26.317
1.021				
12/12/2015 4:15:00 AM	922500.000	70.236	16.817	158.214
37988.363	45025.527	30617.361	29.274	26.324
1.021				
12/12/2015 4:30:00 AM	923400.000	70.222	16.822	158.181
38029.539	45069.672	30647.379	29.306	26.295
1.021				
12/12/2015 4:45:00 AM	924300.000	70.238	16.827	158.219
38003.836	45033.406	30622.719	29.280	26.313
1.021				
12/12/2015 5:00:00 AM	925200.000	70.237	16.820	158.216
38003.055	45039.898	30627.133	29.285	26.314
1.021				
12/12/2015 5:15:00 AM	926100.000	70.239	16.828	158.220
38023.535	45055.770	30637.926	29.297	26.300
1.021				
12/12/2015 5:30:00 AM	927000.000	70.224	16.822	158.187
38062.484	45108.813	30673.994	29.335	26.273
1.021				
12/12/2015 5:45:00 AM	927900.000	70.239	16.817	158.221
38011.355	45053.055	30636.080	29.294	26.308
1.021				
12/12/2015 6:00:00 AM	928800.000	70.239	16.825	158.221
38032.313	45069.836	30647.490	29.307	26.293
1.021				
12/12/2015 6:15:00 AM	929700.000	70.228	16.825	158.195
37980.094	45007.496	30605.100	29.262	26.330
1.021				
12/12/2015 6:30:00 AM	930600.000	70.246	16.819	158.237
37971.723	45003.754	30602.555	29.258	26.335
1.021				
12/12/2015 6:45:00 AM	931500.000	70.236	16.826	158.214
38010.668	45042.934	30629.195	29.287	26.308
1.021				
12/12/2015 7:00:00 AM	932400.000	70.247	16.821	158.239
37990.777	45024.457	30616.633	29.274	26.322
1.021				
12/12/2015 7:15:00 AM	933300.000	70.233	16.824	158.207
37994.777	45025.703	30617.479	29.275	26.319
1.021				
12/12/2015 7:30:00 AM	934200.000	70.238	16.826	158.218
37990.777	45019.813	30613.475	29.270	26.322
1.021				
12/12/2015 7:45:00 AM	935100.000	70.256	16.819	158.259
37982.465	45016.930	30611.514	29.268	26.328
1.021				
12/12/2015 8:00:00 AM	936000.000	70.244	16.822	158.232
37996.957	45030.977	30621.064	29.278	26.318
1.021				
12/12/2015 8:15:00 AM	936900.000	70.243	16.826	158.230
38054.137	45094.629	30664.348	29.325	26.278
1.021				

12/12/2015 8:30:00 AM	937800.000	70.248	16.823	158.240
38041.336	45082.133	30655.854	29.315	26.287
1.021				
12/12/2015 8:45:00 AM	938700.000	70.257	16.815	158.260
38014.230	45058.336	30639.670	29.298	26.306
1.021				
12/12/2015 9:00:00 AM	939600.000	70.257	16.820	158.262
37997.020	45033.293	30622.641	29.280	26.318
1.021				
12/12/2015 9:15:00 AM	940500.000	70.260	16.826	158.267
38053.578	45093.414	30663.523	29.324	26.279
1.021				
12/12/2015 9:30:00 AM	941400.000	70.262	16.827	158.272
38015.688	45047.809	30632.512	29.291	26.305
1.021				
12/12/2015 9:45:00 AM	942300.000	70.268	16.819	158.286
37991.227	45027.227	30618.516	29.275	26.322
1.021				
12/12/2015 10:00:00 AM	943200.000	70.267	16.828	158.284
37982.598	45007.262	30604.939	29.262	26.328
1.021				
12/12/2015 10:15:00 AM	944100.000	70.269	16.827	158.287
38021.277	45054.695	30637.195	29.296	26.301
1.021				
12/12/2015 10:30:00 AM	945000.000	70.278	16.817	158.309
37983.777	45019.914	30613.543	29.270	26.327
1.021				
12/12/2015 10:45:00 AM	945900.000	70.285	16.820	158.324
37983.352	45016.727	30611.375	29.268	26.327
1.021				
12/12/2015 11:00:00 AM	946800.000	70.284	16.819	158.321
38024.793	45066.652	30645.326	29.304	26.299
1.021				
12/12/2015 11:15:00 AM	947700.000	70.288	16.819	158.330
37987.711	45022.785	30615.496	29.272	26.324
1.021				
12/12/2015 11:30:00 AM	948600.000	70.293	16.817	158.341
37977.371	45012.773	30608.686	29.265	26.331
1.021				
12/12/2015 11:45:00 AM	949500.000	70.296	16.815	158.348
38030.984	45078.195	30653.176	29.312	26.294
1.021				
12/12/2015 12:00:00 PM	950400.000	70.315	16.814	158.391
38009.684	45054.293	30636.922	29.295	26.309
1.021				
12/12/2015 12:15:00 PM	951300.000	70.305	16.816	158.369
37997.738	45038.074	30625.893	29.283	26.317
1.021				
12/12/2015 12:30:00 PM	952200.000	70.303	16.820	158.365
38019.590	45059.324	30640.340	29.299	26.302
1.021				
12/12/2015 12:45:00 PM	953100.000	70.318	16.817	158.398
38040.852	45087.832	30659.727	29.319	26.288
1.021				
12/12/2015 1:00:00 PM	954000.000	70.305	16.820	158.368
37970.152	45000.906	30600.619	29.256	26.336

1.021				
12/12/2015 1:15:00 PM	954900.000	70.311	16.820	158.382
38009.344	45047.711	30632.445	29.290	26.309
1.021				
12/12/2015 1:30:00 PM	955800.000	70.304	16.828	158.367
38005.223	45034.070	30623.168	29.281	26.312
1.021				
12/12/2015 1:45:00 PM	956700.000	70.317	16.817	158.395
37974.305	45009.043	30606.152	29.262	26.334
1.021				
12/12/2015 2:00:00 PM	957600.000	70.317	16.827	158.395
38028.141	45062.387	30642.426	29.301	26.296
1.021				
12/12/2015 2:15:00 PM	958500.000	70.315	16.828	158.391
38008.016	45037.813	30625.715	29.284	26.310
1.021				
12/12/2015 2:30:00 PM	959400.000	70.297	16.832	158.352
38026.262	45055.055	30637.439	29.296	26.298
1.021				
12/12/2015 2:45:00 PM	960300.000	70.311	16.823	158.382
38010.742	45045.875	30631.197	29.289	26.308
1.021				
12/12/2015 3:00:00 PM	961200.000	70.291	16.818	158.338
38007.715	45047.480	30632.287	29.290	26.310
1.021				
12/12/2015 3:15:00 PM	962100.000	70.304	16.835	158.368
38020.277	45045.188	30630.730	29.289	26.302
1.021				
12/12/2015 3:30:00 PM	963000.000	70.283	16.824	158.319
37984.188	45013.793	30609.381	29.266	26.327
1.021				
12/12/2015 3:45:00 PM	963900.000	70.278	16.816	158.308
38023.332	45068.500	30646.582	29.305	26.300
1.021				
12/12/2015 4:00:00 PM	964800.000	70.275	16.810	158.301
38026.078	45077.035	30652.385	29.311	26.298
1.021				
12/12/2015 4:15:00 PM	965700.000	70.271	16.815	158.292
38014.406	45058.910	30640.061	29.298	26.306
1.021				
12/12/2015 4:30:00 PM	966600.000	70.268	16.816	158.285
37993.168	45032.656	30622.207	29.279	26.321
1.021				
12/12/2015 4:45:00 PM	967500.000	70.276	16.822	158.304
38018.840	45056.648	30638.523	29.297	26.303
1.021				
12/12/2015 5:00:00 PM	968400.000	70.253	16.810	158.252
37981.465	45024.148	30616.422	29.273	26.329
1.021				
12/12/2015 5:15:00 PM	969300.000	70.250	16.815	158.246
37979.957	45017.352	30611.801	29.268	26.330
1.021				
12/12/2015 5:30:00 PM	970200.000	70.244	16.824	158.230
38024.594	45061.582	30641.879	29.301	26.299
1.021				
12/12/2015 5:45:00 PM	971100.000	70.235	16.830	158.211

38009.395	45037.582	30625.559	29.284	26.309
1.021				
12/12/2015 6:00:00 PM	972000.000	70.234	16.820	158.209
38037.938	45080.887	30655.004	29.314	26.290
1.021				
12/12/2015 6:15:00 PM	972900.000	70.221	16.825	158.180
38033.133	45070.723	30648.094	29.307	26.293
1.021				
12/12/2015 6:30:00 PM	973800.000	70.235	16.829	158.211
38019.684	45050.227	30634.156	29.293	26.302
1.021				
12/12/2015 6:45:00 PM	974700.000	70.214	16.832	158.164
38031.051	45060.730	30641.299	29.300	26.294
1.021				
12/12/2015 7:00:00 PM	975600.000	70.225	16.835	158.190
37994.781	45015.434	30610.498	29.268	26.319
1.021				
12/12/2015 7:15:00 PM	976500.000	70.201	16.819	158.135
37988.652	45023.902	30616.254	29.273	26.324
1.021				
12/12/2015 7:30:00 PM	977400.000	70.204	16.819	158.140
37998.840	45035.891	30624.406	29.282	26.317
1.021				
12/12/2015 7:45:00 PM	978300.000	70.197	16.822	158.127
38031.715	45071.453	30648.590	29.308	26.294
1.021				
12/12/2015 8:00:00 PM	979200.000	70.194	16.824	158.119
38020.281	45056.113	30638.158	29.297	26.302
1.021				
12/12/2015 8:15:00 PM	980100.000	70.205	16.831	158.145
38023.109	45052.922	30635.988	29.295	26.300
1.021				
12/12/2015 8:30:00 PM	981000.000	70.209	16.822	158.153
37970.652	44999.266	30599.500	29.255	26.336
1.021				
12/12/2015 8:45:00 PM	981900.000	70.200	16.826	158.132
38009.293	45041.305	30628.090	29.286	26.309
1.021				
12/12/2015 9:00:00 PM	982800.000	70.187	16.816	158.103
37997.664	45038.164	30625.951	29.283	26.317
1.021				
12/12/2015 9:15:00 PM	983700.000	70.182	16.824	158.092
38015.281	45050.191	30634.133	29.292	26.305
1.021				
12/12/2015 9:30:00 PM	984600.000	70.198	16.822	158.128
37996.480	45029.875	30620.316	29.278	26.318
1.021				
12/12/2015 9:45:00 PM	985500.000	70.202	16.821	158.137
37995.898	45030.703	30620.881	29.278	26.319
1.021				
12/12/2015 10:00:00 PM	986400.000	70.183	16.829	158.093
38022.273	45053.898	30636.652	29.295	26.300
1.021				
12/12/2015 10:15:00 PM	987300.000	70.184	16.829	158.095
37995.500	45022.176	30615.082	29.272	26.319
1.021				

12/12/2015 10:30:00 PM	988200.000	70.185	16.824	158.098
37990.719	45021.535	30614.646	29.272	26.322
1.021				
12/12/2015 10:45:00 PM	989100.000	70.186	16.827	158.101
38023.359	45057.352	30639.002	29.298	26.300
1.021				
12/12/2015 11:00:00 PM	990000.000	70.189	16.824	158.107
38004.113	45036.859	30625.066	29.283	26.313
1.021				
12/12/2015 11:15:00 PM	990900.000	70.202	16.821	158.136
38014.813	45052.859	30635.945	29.294	26.306
1.021				
12/12/2015 11:30:00 PM	991800.000	70.190	16.829	158.109
38006.645	45034.945	30623.766	29.282	26.311
1.021				
12/12/2015 11:45:00 PM	992700.000	70.210	16.822	158.155
38016.945	45054.402	30636.996	29.295	26.304
1.021				
12/13/2015 12:00:00 AM	993600.000	70.200	16.818	158.132
37971.402	45004.172	30602.838	29.259	26.336
1.021				
12/13/2015 12:15:00 AM	994500.000	70.198	16.821	158.128
38027.109	45067.434	30645.857	29.305	26.297
1.021				
12/13/2015 12:30:00 AM	995400.000	70.203	16.814	158.139
38016.422	45061.930	30642.115	29.300	26.304
1.021				
12/13/2015 12:45:00 AM	996300.000	70.206	16.815	158.145
38046.586	45096.500	30665.623	29.325	26.284
1.021				
12/13/2015 1:00:00 AM	997200.000	70.210	16.818	158.154
38013.488	45054.684	30637.186	29.295	26.306
1.021				
12/13/2015 1:15:00 AM	998100.000	70.228	16.823	158.196
37989.004	45020.215	30613.746	29.271	26.323
1.021				
12/13/2015 1:30:00 AM	999000.000	70.218	16.820	158.174
38018.766	45058.875	30640.037	29.298	26.303
1.021				
12/13/2015 1:45:00 AM	999900.000	70.220	16.817	158.177
37996.211	45035.188	30623.930	29.281	26.318
1.021				
12/13/2015 2:00:00 AM	1000800.000	70.220	16.816	158.178
37993.629	45032.492	30622.098	29.279	26.320
1.021				
12/13/2015 2:15:00 AM	1001700.000	70.238	16.825	158.218
37995.676	45026.590	30618.084	29.275	26.319
1.021				
12/13/2015 2:30:00 AM	1002600.000	70.240	16.829	158.223
37996.414	45022.910	30615.582	29.273	26.318
1.021				
12/13/2015 2:45:00 AM	1003500.000	70.236	16.827	158.214
37987.734	45015.223	30610.354	29.267	26.324
1.021				
12/13/2015 3:00:00 AM	1004400.000	70.227	16.819	158.193
38029.715	45072.750	30649.471	29.308	26.295

1.021				
12/13/2015 3:15:00 AM	1005300.000	70.230	16.824	158.200
37983.559	45013.047	30608.875	29.265	26.327
1.021				
12/13/2015 3:30:00 AM	1006200.000	70.247	16.817	158.238
37998.574	45038.082	30625.898	29.283	26.317
1.021				
12/13/2015 3:45:00 AM	1007100.000	70.248	16.827	158.240
38009.266	45040.461	30627.516	29.285	26.309
1.021				
12/13/2015 4:00:00 AM	1008000.000	70.252	16.819	158.248
37992.398	45028.887	30619.645	29.277	26.321
1.021				
12/13/2015 4:15:00 AM	1008900.000	70.238	16.824	158.218
38001.672	45034.684	30623.586	29.281	26.315
1.021				
12/13/2015 4:30:00 AM	1009800.000	70.244	16.819	158.231
37977.051	45009.977	30606.787	29.263	26.332
1.021				
12/13/2015 4:45:00 AM	1010700.000	70.238	16.819	158.218
38017.422	45057.914	30639.383	29.298	26.304
1.021				
12/13/2015 5:00:00 AM	1011600.000	70.238	16.819	158.219
38019.555	45060.086	30640.861	29.299	26.302
1.021				
12/13/2015 5:15:00 AM	1012500.000	70.258	16.825	158.264
38046.066	45085.863	30658.389	29.318	26.284
1.021				
12/13/2015 5:30:00 AM	1013400.000	70.257	16.822	158.261
38001.863	45036.340	30624.713	29.282	26.314
1.021				
12/13/2015 5:45:00 AM	1014300.000	70.243	16.828	158.228
38047.863	45085.305	30658.008	29.318	26.283
1.021				
12/13/2015 6:00:00 AM	1015200.000	70.261	16.816	158.270
38026.457	45071.762	30648.801	29.307	26.297
1.021				
12/13/2015 6:15:00 AM	1016100.000	70.250	16.824	158.245
38013.930	45048.945	30633.285	29.291	26.306
1.021				
12/13/2015 6:30:00 AM	1017000.000	70.262	16.826	158.273
38012.035	45044.188	30630.049	29.288	26.307
1.021				
12/13/2015 6:45:00 AM	1017900.000	70.247	16.823	158.237
37976.898	45005.867	30603.992	29.260	26.332
1.021				
12/13/2015 7:00:00 AM	1018800.000	70.267	16.823	158.283
37995.238	45027.418	30618.646	29.276	26.319
1.021				
12/13/2015 7:15:00 AM	1019700.000	70.269	16.827	158.289
38027.262	45061.977	30642.145	29.301	26.297
1.021				
12/13/2015 7:30:00 AM	1020600.000	70.270	16.827	158.290
37987.945	45015.285	30610.395	29.267	26.324
1.021				
12/13/2015 7:45:00 AM	1021500.000	70.273	16.825	158.297

38016.125	45050.652	30634.445	29.293	26.305
1.021				
12/13/2015 8:00:00 AM	1022400.000	70.260	16.832	158.268
37983.809	45005.379	30603.660	29.260	26.327
1.021				
12/13/2015 8:15:00 AM	1023300.000	70.266	16.828	158.280
38007.109	45036.836	30625.049	29.283	26.311
1.021				
12/13/2015 8:30:00 AM	1024200.000	70.288	16.828	158.330
38021.676	45054.375	30636.977	29.296	26.301
1.021				
12/13/2015 8:45:00 AM	1025100.000	70.288	16.818	158.331
38000.102	45038.816	30626.396	29.284	26.316
1.021				
12/13/2015 9:00:00 AM	1026000.000	70.278	16.819	158.308
38023.078	45064.789	30644.059	29.303	26.300
1.021				
12/13/2015 9:15:00 AM	1026900.000	70.282	16.827	158.317
38031.371	45066.844	30645.455	29.305	26.294
1.021				
12/13/2015 9:30:00 AM	1027800.000	70.280	16.822	158.312
38022.625	45060.859	30641.387	29.300	26.300
1.021				
12/13/2015 9:45:00 AM	1028700.000	70.291	16.831	158.337
38025.020	45055.109	30637.477	29.296	26.298
1.021				
12/13/2015 10:00:00 AM	1029600.000	70.307	16.832	158.374
38039.719	45071.000	30648.283	29.308	26.288
1.021				
12/13/2015 10:15:00 AM	1030500.000	70.315	16.828	158.391
38002.637	45031.008	30621.088	29.279	26.314
1.021				
12/13/2015 10:30:00 AM	1031400.000	70.321	16.817	158.405
38000.426	45039.563	30626.904	29.284	26.315
1.021				
12/13/2015 10:45:00 AM	1032300.000	70.308	16.818	158.376
38031.762	45076.070	30651.730	29.311	26.294
1.021				
12/13/2015 11:00:00 AM	1033200.000	70.338	16.826	158.442
38008.188	45039.898	30627.133	29.285	26.310
1.021				
12/13/2015 11:15:00 AM	1034100.000	70.320	16.817	158.404
37995.957	45034.266	30623.303	29.280	26.319
1.021				
12/13/2015 11:30:00 AM	1035000.000	70.340	16.822	158.448
37997.605	45031.387	30621.346	29.279	26.317
1.021				
12/13/2015 11:45:00 AM	1035900.000	70.346	16.828	158.462
38008.246	45037.734	30625.662	29.284	26.310
1.021				
12/13/2015 12:00:00 PM	1036800.000	70.347	16.829	158.464
38019.734	45050.543	30634.371	29.293	26.302
1.021				
12/13/2015 12:15:00 PM	1037700.000	70.337	16.830	158.442
38042.313	45076.043	30651.711	29.311	26.287
1.021				

12/13/2015 12:30:00 PM	1038600.000	70.360	16.823	158.493
37995.684	45028.387	30619.305	29.277	26.319
1.021				
12/13/2015 12:45:00 PM	1039500.000	70.345	16.819	158.459
38020.250	45060.910	30641.422	29.300	26.302
1.021				
12/13/2015 1:00:00 PM	1040400.000	70.360	16.819	158.493
37992.504	45028.117	30619.119	29.276	26.321
1.021				
12/13/2015 1:15:00 PM	1041300.000	70.368	16.809	158.511
37990.258	45036.555	30624.859	29.282	26.323
1.021				
12/13/2015 1:30:00 PM	1042200.000	70.353	16.809	158.478
37963.996	45004.703	30603.201	29.259	26.341
1.021				
12/13/2015 1:45:00 PM	1043100.000	70.349	16.823	158.468
38035.367	45075.508	30651.346	29.311	26.291
1.021				
12/13/2015 2:00:00 PM	1044000.000	70.351	16.817	158.473
38011.387	45052.555	30635.740	29.294	26.308
1.021				
12/13/2015 2:15:00 PM	1044900.000	70.364	16.831	158.502
38034.621	45066.305	30645.090	29.304	26.292
1.021				
12/13/2015 2:30:00 PM	1045800.000	70.361	16.826	158.496
38027.664	45063.336	30643.070	29.302	26.297
1.021				
12/13/2015 2:45:00 PM	1046700.000	70.369	16.829	158.513
38004.426	45032.316	30621.977	29.280	26.313
1.021				
12/13/2015 3:00:00 PM	1047600.000	70.345	16.823	158.459
37999.211	45032.398	30622.031	29.279	26.316
1.021				
12/13/2015 3:15:00 PM	1048500.000	70.344	16.825	158.457
38032.590	45070.078	30647.656	29.307	26.293
1.021				
12/13/2015 3:30:00 PM	1049400.000	70.361	16.833	158.496
38026.656	45054.629	30637.150	29.296	26.297
1.021				
12/13/2015 3:45:00 PM	1050300.000	70.354	16.823	158.480
38011.465	45047.012	30631.969	29.290	26.308
1.021				
12/13/2015 4:00:00 PM	1051200.000	70.336	16.818	158.438
37997.449	45035.043	30623.830	29.281	26.318
1.021				
12/13/2015 4:15:00 PM	1052100.000	70.349	16.826	158.467
38031.191	45067.703	30646.039	29.305	26.294
1.021				
12/13/2015 4:30:00 PM	1053000.000	70.323	16.830	158.408
38014.125	45043.188	30629.367	29.288	26.306
1.021				
12/13/2015 4:45:00 PM	1053900.000	70.339	16.820	158.445
38037.883	45081.723	30655.572	29.315	26.290
1.021				
12/13/2015 5:00:00 PM	1054800.000	70.332	16.828	158.429
38005.688	45035.430	30624.094	29.282	26.312

1.021				
12/13/2015 5:15:00 PM	1055700.000	70.314	16.813	158.390
38044.570	45096.090	30665.342	29.325	26.285
1.021				
12/13/2015 5:30:00 PM	1056600.000	70.306	16.823	158.370
38043.391	45085.016	30657.813	29.317	26.286
1.021				
12/13/2015 5:45:00 PM	1057500.000	70.300	16.813	158.357
38009.863	45054.949	30637.367	29.295	26.309
1.021				
12/13/2015 6:00:00 PM	1058400.000	70.292	16.822	158.340
38013.754	45050.434	30634.297	29.292	26.306
1.021				
12/13/2015 6:15:00 PM	1059300.000	70.304	16.827	158.367
38049.641	45087.766	30659.684	29.320	26.281
1.021				
12/13/2015 6:30:00 PM	1060200.000	70.281	16.826	158.316
38013.930	45046.984	30631.951	29.290	26.306
1.021				
12/13/2015 6:45:00 PM	1061100.000	70.275	16.823	158.301
38030.480	45069.184	30647.047	29.306	26.295
1.021				
12/13/2015 7:00:00 PM	1062000.000	70.286	16.825	158.326
38042.895	45082.289	30655.959	29.316	26.286
1.021				
12/13/2015 7:15:00 PM	1062900.000	70.283	16.834	158.320
38041.113	45070.777	30648.131	29.308	26.287
1.021				
12/13/2015 7:30:00 PM	1063800.000	70.275	16.822	158.302
37971.266	45000.609	30600.416	29.256	26.336
1.021				
12/13/2015 7:45:00 PM	1064700.000	70.271	16.825	158.293
37992.406	45022.188	30615.090	29.272	26.321
1.021				
12/13/2015 8:00:00 PM	1065600.000	70.253	16.829	158.252
38004.883	45032.500	30622.102	29.280	26.312
1.021				
12/13/2015 8:15:00 PM	1066500.000	70.263	16.825	158.274
38036.152	45074.113	30650.398	29.310	26.291
1.021				
12/13/2015 8:30:00 PM	1067400.000	70.258	16.830	158.263
37992.063	45016.688	30611.350	29.268	26.321
1.021				
12/13/2015 8:45:00 PM	1068300.000	70.247	16.826	158.237
38013.754	45046.949	30631.928	29.290	26.306
1.021				
12/13/2015 9:00:00 PM	1069200.000	70.257	16.826	158.261
38020.098	45053.664	30636.494	29.295	26.302
1.021				
12/13/2015 9:15:00 PM	1070100.000	70.237	16.820	158.216
38010.250	45048.070	30632.689	29.291	26.309
1.021				
12/13/2015 9:30:00 PM	1071000.000	70.254	16.822	158.253
38023.055	45061.453	30641.791	29.300	26.300
1.021				
12/13/2015 9:45:00 PM	1071900.000	70.252	16.830	158.250

38040.180	45074.234	30650.482	29.310	26.288
1.021				
12/13/2015 10:00:00 PM	1072800.000	70.231	16.829	158.202
38023.590	45055.461	30637.715	29.296	26.299
1.021				
12/13/2015 10:15:00 PM	1073700.000	70.230	16.824	158.201
38026.422	45063.391	30643.107	29.302	26.298
1.021				
12/13/2015 10:30:00 PM	1074600.000	70.234	16.831	158.209
38028.879	45059.410	30640.400	29.299	26.296
1.021				
12/13/2015 10:45:00 PM	1075500.000	70.252	16.823	158.249
38038.191	45078.133	30653.131	29.312	26.289
1.021				
12/13/2015 11:00:00 PM	1076400.000	70.238	16.828	158.219
38051.336	45088.969	30660.502	29.321	26.280
1.021				
12/13/2015 11:15:00 PM	1077300.000	70.253	16.835	158.251
38005.789	45027.844	30618.936	29.277	26.312
1.021				
12/13/2015 11:30:00 PM	1078200.000	70.259	16.826	158.265
38026.664	45061.793	30642.021	29.301	26.297
1.021				
12/13/2015 11:45:00 PM	1079100.000	70.258	16.824	158.264
38034.973	45073.336	30649.869	29.309	26.292
1.021				
12/14/2015 12:00:00 AM	1080000.000	70.262	16.824	158.273
38002.949	45036.199	30624.617	29.282	26.314
1.021				
12/14/2015 12:15:00 AM	1080900.000	70.251	16.819	158.247
37999.430	45036.422	30624.770	29.282	26.316
1.021				
12/14/2015 12:30:00 AM	1081800.000	70.250	16.823	158.245
38002.051	45035.406	30624.076	29.282	26.314
1.021				
12/14/2015 12:45:00 AM	1082700.000	70.271	16.828	158.292
38004.742	45033.859	30623.025	29.281	26.313
1.021				
12/14/2015 1:00:00 AM	1083600.000	70.254	16.831	158.255
38043.234	45076.152	30651.785	29.312	26.286
1.021				
12/14/2015 1:15:00 AM	1084500.000	70.270	16.828	158.290
38026.508	45059.375	30640.377	29.299	26.297
1.021				
12/14/2015 1:30:00 AM	1085400.000	70.258	16.821	158.264
38036.156	45077.785	30652.896	29.312	26.291
1.021				
12/14/2015 1:45:00 AM	1086300.000	70.266	16.832	158.281
38005.605	45030.316	30620.617	29.278	26.312
1.021				
12/14/2015 2:00:00 AM	1087200.000	70.281	16.835	158.314
38017.832	45042.563	30628.945	29.287	26.303
1.021				
12/14/2015 2:15:00 AM	1088100.000	70.282	16.833	158.317
38012.082	45037.898	30625.773	29.284	26.307
1.021				

12/14/2015 2:30:00 AM	1089000.000	70.285	16.830	158.325
38023.527	45053.598	30636.447	29.295	26.300
1.021				
12/14/2015 2:45:00 AM	1089900.000	70.277	16.833	158.307
38021.094	45047.867	30632.553	29.291	26.301
1.021				
12/14/2015 3:00:00 AM	1090800.000	70.280	16.818	158.313
38001.465	45040.352	30627.441	29.285	26.315
1.021				
12/14/2015 3:15:00 AM	1091700.000	70.279	16.823	158.311
38018.840	45055.473	30637.725	29.296	26.303
1.021				
12/14/2015 3:30:00 AM	1092600.000	70.297	16.830	158.350
38024.066	45054.422	30637.008	29.296	26.299
1.021				
12/14/2015 3:45:00 AM	1093500.000	70.284	16.817	158.322
38022.805	45066.352	30645.121	29.304	26.300
1.021				
12/14/2015 4:00:00 AM	1094400.000	70.304	16.818	158.367
37984.895	45020.711	30614.086	29.271	26.326
1.021				
12/14/2015 4:15:00 AM	1095300.000	70.284	16.826	158.321
38029.059	45065.086	30644.258	29.303	26.296
1.021				
12/14/2015 4:30:00 AM	1096200.000	70.292	16.822	158.339
38030.246	45070.430	30647.895	29.307	26.295
1.021				
12/14/2015 4:45:00 AM	1097100.000	70.287	16.818	158.329
38000.109	45038.465	30626.158	29.284	26.316
1.021				
12/14/2015 5:00:00 AM	1098000.000	70.295	16.827	158.346
38031.887	45066.551	30645.256	29.304	26.294
1.021				
12/14/2015 5:15:00 AM	1098900.000	70.293	16.824	158.341
38002.039	45034.852	30623.701	29.281	26.314
1.021				
12/14/2015 5:30:00 AM	1099800.000	70.311	16.827	158.383
38031.742	45067.371	30645.814	29.305	26.294
1.021				
12/14/2015 5:45:00 AM	1100700.000	70.309	16.824	158.378
37990.508	45021.016	30614.293	29.271	26.322
1.021				
12/14/2015 6:00:00 AM	1101600.000	70.293	16.820	158.342
37997.809	45034.125	30623.207	29.280	26.317
1.021				
12/14/2015 6:15:00 AM	1102500.000	70.309	16.826	158.378
37991.836	45021.066	30614.328	29.271	26.321
1.021				
12/14/2015 6:30:00 AM	1103400.000	70.295	16.825	158.346
38047.012	45087.426	30659.451	29.319	26.283
1.021				
12/14/2015 6:45:00 AM	1104300.000	70.312	16.822	158.385
38002.445	45037.305	30625.367	29.283	26.314
1.021				
12/14/2015 7:00:00 AM	1105200.000	70.311	16.828	158.381
38036.867	45071.926	30648.912	29.308	26.290

1.021				
12/14/2015 7:15:00 AM	1106100.000	70.300	16.815	158.357
38005.324	45047.344	30632.195	29.290	26.312
1.021				
12/14/2015 7:30:00 AM	1107000.000	70.312	16.823	158.384
38002.191	45036.191	30624.613	29.282	26.314
1.021				
12/14/2015 7:45:00 AM	1107900.000	70.317	16.825	158.396
38019.520	45054.488	30637.055	29.295	26.302
1.021				
12/14/2015 8:00:00 AM	1108800.000	70.315	16.823	158.391
38015.527	45052.176	30635.482	29.294	26.305
1.021				
12/14/2015 8:15:00 AM	1109700.000	70.318	16.825	158.399
38016.016	45050.063	30634.045	29.292	26.305
1.021				
12/14/2015 8:30:00 AM	1110600.000	70.320	16.824	158.403
38040.301	45080.293	30654.600	29.314	26.288
1.021				
12/14/2015 8:45:00 AM	1111500.000	70.302	16.831	158.361
38054.461	45089.898	30661.133	29.321	26.278
1.021				
12/14/2015 9:00:00 AM	1112400.000	70.324	16.827	158.412
38006.867	45037.176	30625.281	29.283	26.311
1.021				
12/14/2015 9:15:00 AM	1113300.000	70.310	16.823	158.380
38038.426	45078.410	30653.320	29.313	26.289
1.021				
12/14/2015 9:30:00 AM	1114200.000	70.315	16.816	158.392
38014.613	45057.996	30639.439	29.298	26.306
1.021				
12/14/2015 9:45:00 AM	1115100.000	70.313	16.816	158.388
38028.336	45074.160	30650.432	29.309	26.296
1.021				
12/14/2015 10:00:00 AM	1116000.000	70.320	16.824	158.402
38008.254	45041.863	30628.467	29.286	26.310
1.021				
12/14/2015 10:15:00 AM	1116900.000	70.322	16.824	158.407
38039.035	45078.875	30653.637	29.313	26.289
1.021				
12/14/2015 10:30:00 AM	1117800.000	70.334	16.831	158.434
38011.285	45038.113	30625.920	29.284	26.308
1.021				
12/14/2015 10:45:00 AM	1118700.000	70.329	16.830	158.422
38009.504	45037.535	30625.525	29.284	26.309
1.021				
12/14/2015 11:00:00 AM	1119600.000	70.330	16.825	158.425
38028.160	45064.914	30644.145	29.303	26.296
1.021				
12/14/2015 11:15:00 AM	1120500.000	70.331	16.834	158.428
38043.398	45073.484	30649.971	29.310	26.286
1.021				
12/14/2015 11:30:00 AM	1121400.000	70.343	16.826	158.453
37992.465	45020.918	30614.225	29.271	26.321
1.021				
12/14/2015 11:45:00 AM	1122300.000	70.343	16.827	158.453

38035.750	45071.758	30648.797	29.308	26.291
1.021				
12/14/2015 12:00:00 PM	1123200.000	70.363	16.822	158.500
38030.043	45070.098	30647.666	29.307	26.295
1.021				
12/14/2015 12:15:00 PM	1124100.000	70.364	16.828	158.503
38040.695	45076.281	30651.873	29.311	26.288
1.021				
12/14/2015 12:30:00 PM	1125000.000	70.368	16.830	158.512
38028.445	45060.156	30640.908	29.300	26.296
1.021				
12/14/2015 12:45:00 PM	1125900.000	70.372	16.819	158.520
38042.129	45086.934	30659.117	29.319	26.287
1.021				
12/14/2015 1:00:00 PM	1126800.000	70.361	16.814	158.495
38040.340	45090.809	30661.750	29.321	26.288
1.021				
12/14/2015 1:15:00 PM	1127700.000	70.377	16.822	158.531
38043.090	45085.914	30658.422	29.318	26.286
1.021				
12/14/2015 1:30:00 PM	1128600.000	70.363	16.819	158.498
38001.219	45039.340	30626.752	29.284	26.315
1.021				
12/14/2015 1:45:00 PM	1129500.000	70.382	16.817	158.542
38024.340	45068.074	30646.291	29.305	26.299
1.021				
12/14/2015 2:00:00 PM	1130400.000	70.368	16.825	158.510
38021.887	45057.570	30639.150	29.298	26.301
1.021				
12/14/2015 2:15:00 PM	1131300.000	70.381	16.820	158.540
38032.996	45075.301	30651.207	29.310	26.293
1.021				
12/14/2015 2:30:00 PM	1132200.000	70.384	16.823	158.546
38035.250	45074.922	30650.949	29.310	26.291
1.021				
12/14/2015 2:45:00 PM	1133100.000	70.384	16.819	158.546
38007.926	45046.746	30631.789	29.290	26.310
1.021				
12/14/2015 3:00:00 PM	1134000.000	70.378	16.821	158.533
38011.230	45048.875	30633.236	29.291	26.308
1.021				
12/14/2015 3:15:00 PM	1134900.000	70.384	16.820	158.546
37993.090	45028.270	30619.225	29.276	26.321
1.021				
12/14/2015 3:30:00 PM	1135800.000	70.380	16.829	158.538
38054.555	45091.973	30662.543	29.323	26.278
1.021				
12/14/2015 3:45:00 PM	1136700.000	70.378	16.831	158.533
38004.730	45030.891	30621.008	29.279	26.313
1.021				
12/14/2015 4:00:00 PM	1137600.000	70.363	16.822	158.498
38008.023	45043.828	30629.805	29.288	26.310
1.021				
12/14/2015 4:15:00 PM	1138500.000	70.354	16.820	158.479
38025.426	45066.414	30645.164	29.304	26.298
1.021				

12/14/2015 4:30:00 PM	1139400.000	70.353	16.827	158.476
38029.820	45065.008	30644.207	29.303	26.295
1.021				
12/14/2015 4:45:00 PM	1140300.000	70.348	16.820	158.465
38043.570	45088.098	30659.908	29.319	26.286
1.021				
12/14/2015 5:00:00 PM	1141200.000	70.360	16.829	158.492
38007.484	45036.027	30624.500	29.282	26.311
1.021				
12/14/2015 5:15:00 PM	1142100.000	70.339	16.821	158.446
38026.441	45066.270	30645.064	29.304	26.297
1.021				
12/14/2015 5:30:00 PM	1143000.000	70.351	16.820	158.473
38009.809	45047.820	30632.520	29.290	26.309
1.021				
12/14/2015 5:45:00 PM	1143900.000	70.332	16.818	158.429
38040.824	45086.547	30658.854	29.318	26.288
1.021				
12/14/2015 6:00:00 PM	1144800.000	70.325	16.823	158.413
38043.961	45085.691	30658.271	29.318	26.285
1.021				
12/14/2015 6:15:00 PM	1145700.000	70.319	16.816	158.401
37964.746	44999.145	30599.418	29.255	26.340
1.021				
12/14/2015 6:30:00 PM	1146600.000	70.331	16.824	158.426
38011.215	45045.637	30631.035	29.289	26.308
1.021				
12/14/2015 6:45:00 PM	1147500.000	70.309	16.823	158.377
38010.871	45046.219	30631.432	29.289	26.308
1.021				
12/14/2015 7:00:00 PM	1148400.000	70.320	16.826	158.402
38027.332	45063.129	30642.930	29.302	26.297
1.021				
12/14/2015 7:15:00 PM	1149300.000	70.310	16.827	158.380
38011.527	45043.328	30629.465	29.288	26.308
1.021				
12/14/2015 7:30:00 PM	1150200.000	70.292	16.824	158.339
38040.566	45080.605	30654.814	29.314	26.288
1.021				
12/14/2015 7:45:00 PM	1151100.000	70.298	16.819	158.354
38046.184	45091.910	30662.502	29.322	26.284
1.021				
12/14/2015 8:00:00 PM	1152000.000	70.293	16.826	158.341
38019.305	45052.895	30635.971	29.294	26.302
1.021				
12/14/2015 8:15:00 PM	1152900.000	70.293	16.825	158.342
38063.953	45107.059	30672.803	29.333	26.272
1.021				
12/14/2015 8:30:00 PM	1153800.000	70.278	16.827	158.308
38043.680	45081.242	30655.244	29.315	26.286
1.021				
12/14/2015 8:45:00 PM	1154700.000	70.271	16.831	158.293
38042.977	45075.938	30651.641	29.311	26.286
1.021				
12/14/2015 9:00:00 PM	1155600.000	70.267	16.821	158.283
38010.086	45047.516	30632.313	29.290	26.309

1.021				
12/14/2015 9:15:00 PM	1156500.000	70.278	16.833	158.307
38025.781	45053.871	30636.635	29.295	26.298
1.021				
12/14/2015 9:30:00 PM	1157400.000	70.278	16.828	158.308
38021.586	45053.359	30636.285	29.295	26.301
1.021				
12/14/2015 9:45:00 PM	1158300.000	70.271	16.821	158.293
38030.852	45072.043	30648.992	29.308	26.294
1.021				
12/14/2015 10:00:00 PM	1159200.000	70.254	16.820	158.254
38023.027	45063.484	30643.172	29.302	26.300
1.021				
12/14/2015 10:15:00 PM	1160100.000	70.253	16.825	158.251
38015.945	45049.723	30633.814	29.292	26.305
1.021				
12/14/2015 10:30:00 PM	1161000.000	70.250	16.821	158.246
38019.059	45058.426	30639.732	29.298	26.303
1.021				
12/14/2015 10:45:00 PM	1161900.000	70.269	16.828	158.287
38009.898	45040.043	30627.232	29.285	26.309
1.021				
12/14/2015 11:00:00 PM	1162800.000	70.250	16.829	158.244
37999.402	45026.270	30617.865	29.275	26.316
1.021				
12/14/2015 11:15:00 PM	1163700.000	70.250	16.824	158.245
38049.102	45090.895	30661.811	29.322	26.282
1.021				
12/14/2015 11:30:00 PM	1164600.000	70.268	16.817	158.286
38001.004	45041.141	30627.977	29.285	26.315
1.021				
12/14/2015 11:45:00 PM	1165500.000	70.266	16.834	158.282
38044.316	45074.297	30650.521	29.310	26.285
1.021				
12/15/2015 12:00:00 AM	1166400.000	70.257	16.828	158.261
38056.402	45094.973	30664.584	29.325	26.277
1.021				
12/15/2015 12:15:00 AM	1167300.000	70.257	16.831	158.261
38046.266	45079.742	30654.227	29.314	26.284
1.021				
12/15/2015 12:30:00 AM	1168200.000	70.272	16.822	158.295
38009.555	45046.172	30631.396	29.289	26.309
1.021				
12/15/2015 12:45:00 AM	1169100.000	70.278	16.815	158.308
37981.492	45019.172	30613.039	29.269	26.329
1.021				
12/15/2015 1:00:00 AM	1170000.000	70.262	16.818	158.272
38001.965	45041.027	30627.898	29.285	26.314
1.021				
12/15/2015 1:15:00 AM	1170900.000	70.284	16.831	158.322
38038.781	45070.875	30648.197	29.308	26.289
1.021				
12/15/2015 1:30:00 AM	1171800.000	70.287	16.825	158.328
38016.660	45050.930	30634.635	29.293	26.304
1.021				
12/15/2015 1:45:00 AM	1172700.000	70.272	16.822	158.295

38027.984	45067.211	30645.705	29.305	26.296
1.021				
12/15/2015 2:00:00 AM	1173600.000	70.294	16.825	158.345
38011.355	45045.094	30630.664	29.289	26.308
1.021				
12/15/2015 2:15:00 AM	1174500.000	70.279	16.825	158.310
38032.039	45068.879	30646.840	29.306	26.294
1.021				
12/15/2015 2:30:00 AM	1175400.000	70.293	16.823	158.342
38033.625	45072.824	30649.523	29.309	26.293
1.021				
12/15/2015 2:45:00 AM	1176300.000	70.284	16.835	158.321
38034.422	45061.766	30642.002	29.301	26.292
1.021				
12/15/2015 3:00:00 AM	1177200.000	70.289	16.822	158.332
38024.172	45062.871	30642.754	29.301	26.299
1.021				
12/15/2015 3:15:00 AM	1178100.000	70.301	16.837	158.360
38044.824	45072.480	30649.289	29.309	26.285
1.021				
12/15/2015 3:30:00 AM	1179000.000	70.289	16.825	158.333
38022.805	45057.938	30639.400	29.298	26.300
1.021				
12/15/2015 3:45:00 AM	1179900.000	70.293	16.818	158.341
38023.004	45065.777	30644.730	29.303	26.300
1.021				
12/15/2015 4:00:00 AM	1180800.000	70.294	16.821	158.345
38044.176	45088.191	30659.971	29.320	26.285
1.021				
12/15/2015 4:15:00 AM	1181700.000	70.313	16.817	158.386
38024.953	45068.898	30646.852	29.305	26.299
1.021				
12/15/2015 4:30:00 AM	1182600.000	70.315	16.824	158.392
38009.633	45044.211	30630.066	29.288	26.309
1.021				
12/15/2015 4:45:00 AM	1183500.000	70.300	16.821	158.357
38012.922	45050.699	30634.479	29.293	26.307
1.021				
12/15/2015 5:00:00 AM	1184400.000	70.315	16.830	158.391
38028.023	45059.734	30640.621	29.300	26.296
1.021				
12/15/2015 5:15:00 AM	1185300.000	70.317	16.832	158.395
38007.727	45033.191	30622.572	29.280	26.310
1.021				
12/15/2015 5:30:00 AM	1186200.000	70.318	16.824	158.399
38050.508	45092.293	30662.762	29.323	26.281
1.021				
12/15/2015 5:45:00 AM	1187100.000	70.317	16.820	158.395
38019.969	45059.773	30640.648	29.299	26.302
1.021				
12/15/2015 6:00:00 AM	1188000.000	70.307	16.824	158.373
38024.152	45061.328	30641.705	29.300	26.299
1.021				
12/15/2015 6:15:00 AM	1188900.000	70.319	16.832	158.401
38022.543	45050.828	30634.563	29.293	26.300
1.021				

12/15/2015 6:30:00 AM	1189800.000	70.305	16.824	158.369
38009.383	45043.105	30629.314	29.287	26.309
1.021				
12/15/2015 6:45:00 AM	1190700.000	70.304	16.821	158.367
38035.500	45077.195	30652.494	29.312	26.291
1.021				
12/15/2015 7:00:00 AM	1191600.000	70.318	16.828	158.398
38038.105	45073.563	30650.023	29.309	26.289
1.021				
12/15/2015 7:15:00 AM	1192500.000	70.304	16.829	158.366
38043.734	45079.328	30653.943	29.314	26.286
1.021				
12/15/2015 7:30:00 AM	1193400.000	70.303	16.830	158.364
38072.645	45112.527	30676.521	29.338	26.266
1.021				
12/15/2015 7:45:00 AM	1194300.000	70.306	16.822	158.371
38004.203	45039.473	30626.842	29.284	26.313
1.021				
12/15/2015 8:00:00 AM	1195200.000	70.307	16.821	158.372
38019.652	45059.031	30640.143	29.299	26.302
1.021				
12/15/2015 8:15:00 AM	1196100.000	70.312	16.827	158.384
37982.695	45008.977	30606.105	29.263	26.328
1.021				
12/15/2015 8:30:00 AM	1197000.000	70.321	16.839	158.406
38042.109	45067.293	30645.762	29.306	26.287
1.021				
12/15/2015 8:45:00 AM	1197900.000	70.325	16.818	158.414
38025.004	45068.332	30646.469	29.305	26.298
1.021				
12/15/2015 9:00:00 AM	1198800.000	70.321	16.826	158.406
38021.699	45056.457	30638.391	29.297	26.301
1.021				
12/15/2015 9:15:00 AM	1199700.000	70.324	16.831	158.413
38035.289	45066.645	30645.318	29.305	26.291
1.021				
12/15/2015 9:30:00 AM	1200600.000	70.324	16.826	158.412
38025.398	45060.297	30641.002	29.300	26.298
1.021				
12/15/2015 9:45:00 AM	1201500.000	70.308	16.821	158.376
38018.008	45056.820	30638.639	29.297	26.303
1.021				
12/15/2015 10:00:00 AM	1202400.000	70.318	16.823	158.398
38017.652	45054.066	30636.766	29.295	26.304
1.021				
12/15/2015 10:15:00 AM	1203300.000	70.329	16.825	158.423
38017.742	45052.660	30635.811	29.294	26.304
1.021				
12/15/2015 10:30:00 AM	1204200.000	70.317	16.823	158.396
38036.328	45076.828	30652.246	29.311	26.291
1.021				
12/15/2015 10:45:00 AM	1205100.000	70.333	16.828	158.431
38027.191	45060.809	30641.352	29.300	26.297
1.021				
12/15/2015 11:00:00 AM	1206000.000	70.338	16.827	158.443
38024.863	45058.758	30639.957	29.299	26.299

1.021					
12/15/2015 11:15:00 AM	1206900.000	70.324	16.825	158.412	
38023.785	45059.270	30640.305	29.299	26.299	
1.021					
12/15/2015 11:30:00 AM	1207800.000	70.330	16.827	158.426	
37992.762	45021.180	30614.404	29.271	26.321	
1.021					
12/15/2015 11:45:00 AM	1208700.000	70.328	16.823	158.421	
38031.477	45070.176	30647.723	29.307	26.294	
1.021					
12/15/2015 12:00:00 PM	1209600.000	70.348	16.834	158.467	
38028.445	45055.668	30637.857	29.297	26.296	
1.021					
12/15/2015 12:15:00 PM	1210500.000	70.352	16.827	158.474	
38038.613	45074.973	30650.984	29.310	26.289	
1.021					
12/15/2015 12:30:00 PM	1211400.000	70.340	16.820	158.448	
38027.078	45068.016	30646.252	29.305	26.297	
1.021					
12/15/2015 12:45:00 PM	1212300.000	70.346	16.821	158.461	
38006.359	45042.844	30629.137	29.287	26.311	
1.021					
12/15/2015 1:00:00 PM	1213200.000	70.347	16.825	158.463	
38032.266	45069.148	30647.021	29.306	26.293	
1.021					
12/15/2015 1:15:00 PM	1214100.000	70.366	16.823	158.506	
38022.742	45060.285	30640.994	29.300	26.300	
1.021					
12/15/2015 1:30:00 PM	1215000.000	70.350	16.833	158.471	
38006.359	45031.031	30621.104	29.279	26.311	
1.021					
12/15/2015 1:45:00 PM	1215900.000	70.368	16.836	158.512	
38025.543	45050.813	30634.555	29.293	26.298	
1.021					
12/15/2015 2:00:00 PM	1216800.000	70.370	16.833	158.515	
38029.305	45057.859	30639.346	29.298	26.296	
1.021					
12/15/2015 2:15:00 PM	1217700.000	70.374	16.827	158.525	
38012.363	45043.418	30629.525	29.288	26.307	
1.021					
12/15/2015 2:30:00 PM	1218600.000	70.374	16.827	158.524	
38017.918	45050.359	30634.244	29.293	26.303	
1.021					
12/15/2015 2:45:00 PM	1219500.000	70.361	16.832	158.495	
38043.668	45076.305	30651.889	29.312	26.286	
1.021					
12/15/2015 3:00:00 PM	1220400.000	70.360	16.829	158.493	
38047.551	45083.145	30656.539	29.316	26.283	
1.021					
12/15/2015 3:15:00 PM	1221300.000	70.358	16.820	158.488	
38029.348	45071.605	30648.693	29.308	26.295	
1.021					
12/15/2015 3:30:00 PM	1222200.000	70.359	16.826	158.491	
38027.043	45061.969	30642.139	29.301	26.297	
1.021					
12/15/2015 3:45:00 PM	1223100.000	70.374	16.826	158.523	

38041.629	45079.980	30654.389	29.314	26.287
1.021				
12/15/2015 4:00:00 PM	1224000.000	70.374	16.828	158.524
38012.082	45042.633	30628.992	29.287	26.307
1.021				
12/15/2015 4:15:00 PM	1224900.000	70.360	16.827	158.493
38029.125	45064.184	30643.646	29.303	26.296
1.021				
12/15/2015 4:30:00 PM	1225800.000	70.370	16.822	158.515
38022.438	45061.254	30641.652	29.300	26.300
1.021				
12/15/2015 4:45:00 PM	1226700.000	70.367	16.824	158.508
38041.516	45081.090	30655.143	29.315	26.287
1.021				
12/15/2015 5:00:00 PM	1227600.000	70.365	16.822	158.505
38042.828	45084.711	30657.604	29.317	26.286
1.021				
12/15/2015 5:15:00 PM	1228500.000	70.345	16.823	158.459
38029.582	45068.391	30646.508	29.305	26.295
1.021				
12/15/2015 5:30:00 PM	1229400.000	70.343	16.818	158.453
38020.727	45062.992	30642.838	29.301	26.301
1.021				
12/15/2015 5:45:00 PM	1230300.000	70.357	16.828	158.486
38027.852	45061.695	30641.955	29.301	26.297
1.021				
12/15/2015 6:00:00 PM	1231200.000	70.344	16.837	158.457
38047.145	45075.324	30651.223	29.311	26.283
1.021				
12/15/2015 6:15:00 PM	1232100.000	70.347	16.836	158.463
38024.617	45049.621	30633.744	29.293	26.299
1.021				
12/15/2015 6:30:00 PM	1233000.000	70.341	16.833	158.451
38029.125	45057.203	30638.900	29.298	26.296
1.021				
12/15/2015 6:45:00 PM	1233900.000	70.319	16.831	158.401
38033.574	45064.613	30643.938	29.303	26.293
1.021				
12/15/2015 7:00:00 PM	1234800.000	70.330	16.838	158.425
38022.293	45044.543	30630.291	29.289	26.300
1.021				
12/15/2015 7:15:00 PM	1235700.000	70.325	16.831	158.414
38044.848	45078.680	30653.504	29.313	26.285
1.021				
12/15/2015 7:30:00 PM	1236600.000	70.301	16.828	158.359
38040.070	45076.172	30651.799	29.311	26.288
1.021				
12/15/2015 7:45:00 PM	1237500.000	70.315	16.828	158.390
38014.824	45045.348	30630.836	29.289	26.306
1.021				
12/15/2015 8:00:00 PM	1238400.000	70.293	16.828	158.343
38001.945	45030.996	30621.080	29.279	26.314
1.021				
12/15/2015 8:15:00 PM	1239300.000	70.290	16.827	158.335
38035.156	45070.605	30648.014	29.307	26.291
1.021				

12/15/2015 8:30:00 PM	1240200.000	70.297	16.840	158.351
38048.402	45073.141	30649.738	29.310	26.282
1.021				
12/15/2015 8:45:00 PM	1241100.000	70.273	16.823	158.297
38027.980	45066.402	30645.154	29.304	26.296
1.021				
12/15/2015 9:00:00 PM	1242000.000	70.286	16.828	158.326
38004.160	45033.434	30622.736	29.280	26.313
1.021				
12/15/2015 9:15:00 PM	1242900.000	70.266	16.829	158.280
38038.328	45072.922	30649.590	29.309	26.289
1.021				
12/15/2015 9:30:00 PM	1243800.000	70.266	16.827	158.281
38031.926	45067.586	30645.959	29.305	26.294
1.021				
12/15/2015 9:45:00 PM	1244700.000	70.261	16.824	158.270
38023.461	45059.969	30640.781	29.299	26.300
1.021				
12/15/2015 10:00:00 PM	1245600.000	70.254	16.831	158.255
38016.922	45045.336	30630.828	29.289	26.304
1.021				
12/15/2015 10:15:00 PM	1246500.000	70.267	16.840	158.284
38020.598	45040.563	30627.582	29.286	26.302
1.021				
12/15/2015 10:30:00 PM	1247400.000	70.269	16.831	158.287
38031.906	45062.637	30642.596	29.302	26.294
1.021				
12/15/2015 10:45:00 PM	1248300.000	70.268	16.828	158.286
38039.402	45075.191	30651.133	29.311	26.289
1.021				
12/15/2015 11:00:00 PM	1249200.000	70.265	16.830	158.279
38024.707	45055.184	30637.527	29.296	26.299
1.021				
12/15/2015 11:15:00 PM	1250100.000	70.250	16.823	158.245
38011.617	45047.457	30632.273	29.290	26.308
1.021				
12/15/2015 11:30:00 PM	1251000.000	70.263	16.827	158.274
38047.340	45085.316	30658.016	29.318	26.283
1.021				
12/15/2015 11:45:00 PM	1251900.000	70.263	16.829	158.275
38018.242	45048.418	30632.926	29.291	26.303
1.021				
12/16/2015 12:00:00 AM	1252800.000	70.265	16.824	158.280
38014.371	45048.922	30633.268	29.291	26.306
1.021				
12/16/2015 12:15:00 AM	1253700.000	70.267	16.824	158.284
38042.246	45081.957	30655.730	29.315	26.287
1.021				
12/16/2015 12:30:00 AM	1254600.000	70.268	16.833	158.286
38018.855	45045.035	30630.627	29.289	26.303
1.021				
12/16/2015 12:45:00 AM	1255500.000	70.255	16.832	158.257
38044.570	45077.195	30652.494	29.312	26.285
1.021				
12/16/2015 1:00:00 AM	1256400.000	70.258	16.828	158.263
38027.215	45060.387	30641.064	29.300	26.297

1.021				
12/16/2015 1:15:00 AM	1257300.000	70.273	16.831	158.296
37996.410	45020.859	30614.188	29.272	26.318
1.021				
12/16/2015 1:30:00 AM	1258200.000	70.260	16.827	158.268
38017.629	45050.285	30634.195	29.293	26.304
1.021				
12/16/2015 1:45:00 AM	1259100.000	70.278	16.829	158.308
38055.617	45093.512	30663.590	29.324	26.277
1.021				
12/16/2015 2:00:00 AM	1260000.000	70.269	16.829	158.288
38016.832	45046.848	30631.859	29.290	26.304
1.021				
12/16/2015 2:15:00 AM	1260900.000	70.269	16.834	158.288
38035.285	45064.051	30643.557	29.303	26.291
1.021				
12/16/2015 2:30:00 AM	1261800.000	70.289	16.827	158.332
38047.832	45086.250	30658.650	29.319	26.283
1.021				
12/16/2015 2:45:00 AM	1262700.000	70.276	16.828	158.303
38013.371	45043.809	30629.793	29.288	26.307
1.021				
12/16/2015 3:00:00 AM	1263600.000	70.280	16.828	158.313
38020.797	45052.781	30635.893	29.294	26.301
1.021				
12/16/2015 3:15:00 AM	1264500.000	70.297	16.826	158.351
38022.598	45056.883	30638.682	29.297	26.300
1.021				
12/16/2015 3:30:00 AM	1265400.000	70.292	16.826	158.339
38013.070	45046.137	30631.375	29.289	26.307
1.021				
12/16/2015 3:45:00 AM	1266300.000	70.303	16.823	158.365
38019.773	45056.305	30638.289	29.297	26.302
1.021				
12/16/2015 4:00:00 AM	1267200.000	70.308	16.833	158.377
38003.102	45026.371	30617.936	29.276	26.314
1.021				
12/16/2015 4:15:00 AM	1268100.000	70.310	16.823	158.380
38023.594	45060.934	30641.438	29.300	26.299
1.021				
12/16/2015 4:30:00 AM	1269000.000	70.297	16.828	158.352
38051.023	45088.965	30660.498	29.321	26.281
1.021				
12/16/2015 4:45:00 AM	1269900.000	70.317	16.827	158.396
38000.836	45030.559	30620.781	29.278	26.315
1.021				
12/16/2015 5:00:00 AM	1270800.000	70.300	16.836	158.357
38037.230	45064.387	30643.785	29.303	26.290
1.021				
12/16/2015 5:15:00 AM	1271700.000	70.324	16.821	158.411
38025.859	45066.125	30644.967	29.304	26.298
1.021				
12/16/2015 5:30:00 AM	1272600.000	70.317	16.845	158.395
38066.391	45089.531	30660.883	29.322	26.270
1.021				
12/16/2015 5:45:00 AM	1273500.000	70.309	16.829	158.377

38047.645	45083.258	30656.617	29.317	26.283
1.021				
12/16/2015 6:00:00 AM	1274400.000	70.313	16.823	158.387
37971.539	44999.773	30599.848	29.256	26.336
1.021				
12/16/2015 6:15:00 AM	1275300.000	70.329	16.828	158.423
38052.020	45089.605	30660.932	29.321	26.280
1.021				
12/16/2015 6:30:00 AM	1276200.000	70.313	16.820	158.386
38011.602	45050.473	30634.322	29.292	26.308
1.021				
12/16/2015 6:45:00 AM	1277100.000	70.314	16.834	158.389
38030.863	45058.531	30639.803	29.299	26.294
1.021				
12/16/2015 7:00:00 AM	1278000.000	70.316	16.834	158.393
38031.191	45059.551	30640.496	29.300	26.294
1.021				
12/16/2015 7:15:00 AM	1278900.000	70.314	16.819	158.389
38029.820	45072.441	30649.262	29.308	26.295
1.021				
12/16/2015 7:30:00 AM	1279800.000	70.328	16.838	158.421
38048.723	45075.855	30651.582	29.312	26.282
1.021				
12/16/2015 7:45:00 AM	1280700.000	70.332	16.830	158.430
38035.160	45067.934	30646.197	29.305	26.291
1.021				
12/16/2015 8:00:00 AM	1281600.000	70.332	16.832	158.430
38037.145	45067.863	30646.148	29.306	26.290
1.021				
12/16/2015 8:15:00 AM	1282500.000	70.330	16.827	158.425
38020.516	45053.352	30636.279	29.295	26.302
1.021				
12/16/2015 8:30:00 AM	1283400.000	70.330	16.838	158.425
38041.434	45066.676	30645.342	29.305	26.287
1.021				
12/16/2015 8:45:00 AM	1284300.000	70.328	16.829	158.421
38030.699	45063.277	30643.029	29.302	26.295
1.021				
12/16/2015 9:00:00 AM	1285200.000	70.314	16.831	158.390
38030.816	45061.707	30641.963	29.301	26.294
1.021				
12/16/2015 9:15:00 AM	1286100.000	70.329	16.829	158.423
38038.184	45072.754	30649.473	29.309	26.289
1.021				
12/16/2015 9:30:00 AM	1287000.000	70.332	16.828	158.429
37997.648	45025.715	30617.486	29.275	26.317
1.021				
12/16/2015 9:45:00 AM	1287900.000	70.329	16.829	158.423
38022.969	45054.289	30636.918	29.296	26.300
1.021				
12/16/2015 10:00:00 AM	1288800.000	70.315	16.833	158.392
38022.645	45049.875	30633.916	29.293	26.300
1.021				
12/16/2015 10:15:00 AM	1289700.000	70.319	16.826	158.401
38011.996	45044.508	30630.266	29.288	26.307
1.021				

12/16/2015 10:30:00 AM	1290600.000	70.335	16.831	158.437
38047.770	45081.973	30655.744	29.316	26.283
1.021				
12/16/2015 10:45:00 AM	1291500.000	70.317	16.822	158.397
38022.332	45060.336	30641.031	29.300	26.300
1.021				
12/16/2015 11:00:00 AM	1292400.000	70.338	16.829	158.442
38031.352	45064.656	30643.969	29.303	26.294
1.021				
12/16/2015 11:15:00 AM	1293300.000	70.321	16.831	158.406
38043.008	45075.973	30651.662	29.311	26.286
1.021				
12/16/2015 11:30:00 AM	1294200.000	70.324	16.830	158.412
38046.895	45081.742	30655.588	29.315	26.283
1.021				
12/16/2015 11:45:00 AM	1295100.000	70.331	16.821	158.427
37996.891	45031.699	30621.557	29.279	26.318
1.021				
12/16/2015 12:00:00 PM	1296000.000	70.349	16.832	158.468
38037.328	45068.168	30646.357	29.306	26.290
1.021				
12/16/2015 12:15:00 PM	1296900.000	70.347	16.832	158.464
37992.602	45015.797	30610.744	29.268	26.321
1.021				
12/16/2015 12:30:00 PM	1297800.000	70.331	16.832	158.427
38037.910	45068.855	30646.824	29.306	26.290
1.021				
12/16/2015 12:45:00 PM	1298700.000	70.336	16.825	158.438
38010.301	45043.293	30629.439	29.287	26.309
1.021				
12/16/2015 1:00:00 PM	1299600.000	70.336	16.834	158.438
38028.750	45056.309	30638.293	29.297	26.296
1.021				
12/16/2015 1:15:00 PM	1300500.000	70.360	16.829	158.493
38027.609	45059.871	30640.715	29.300	26.297
1.021				
12/16/2015 1:30:00 PM	1301400.000	70.343	16.832	158.453
38046.395	45079.535	30654.086	29.314	26.284
1.021				
12/16/2015 1:45:00 PM	1302300.000	70.347	16.828	158.464
38019.180	45051.316	30634.895	29.293	26.303
1.021				
12/16/2015 2:00:00 PM	1303200.000	70.364	16.835	158.503
38026.879	45053.105	30636.111	29.295	26.297
1.021				
12/16/2015 2:15:00 PM	1304100.000	70.363	16.826	158.499
38011.871	45044.809	30630.473	29.289	26.308
1.021				
12/16/2015 2:30:00 PM	1305000.000	70.352	16.830	158.475
38020.941	45051.438	30634.979	29.294	26.301
1.021				
12/16/2015 2:45:00 PM	1305900.000	70.355	16.825	158.481
38043.410	45082.629	30656.189	29.316	26.286
1.021				
12/16/2015 3:00:00 PM	1306800.000	70.371	16.824	158.518
38045.688	45086.223	30658.633	29.318	26.284

1.021				
12/16/2015 3:15:00 PM	1307700.000	70.372	16.834	158.519
38050.941	45082.602	30656.172	29.316	26.281
1.021				
12/16/2015 3:30:00 PM	1308600.000	70.375	16.827	158.526
38008.672	45039.043	30626.551	29.284	26.310
1.021				
12/16/2015 3:45:00 PM	1309500.000	70.374	16.828	158.525
38058.012	45097.152	30666.064	29.326	26.276
1.021				
12/16/2015 4:00:00 PM	1310400.000	70.375	16.834	158.526
38055.883	45088.363	30660.090	29.320	26.277
1.021				
12/16/2015 4:15:00 PM	1311300.000	70.357	16.825	158.486
38045.289	45085.023	30657.818	29.318	26.284
1.021				
12/16/2015 4:30:00 PM	1312200.000	70.375	16.837	158.527
38057.043	45086.598	30658.889	29.319	26.276
1.021				
12/16/2015 4:45:00 PM	1313100.000	70.375	16.827	158.526
38048.605	45086.891	30659.088	29.319	26.282
1.021				
12/16/2015 5:00:00 PM	1314000.000	70.359	16.823	158.490
37992.160	45023.770	30616.166	29.273	26.321
1.021				
12/16/2015 5:15:00 PM	1314900.000	70.371	16.827	158.516
38031.957	45067.266	30645.742	29.305	26.294
1.021				
12/16/2015 5:30:00 PM	1315800.000	70.356	16.830	158.483
38050.770	45086.781	30659.014	29.319	26.281
1.021				
12/16/2015 5:45:00 PM	1316700.000	70.365	16.830	158.504
38013.348	45041.906	30628.498	29.287	26.307
1.021				
12/16/2015 6:00:00 PM	1317600.000	70.363	16.822	158.499
38040.664	45082.777	30656.291	29.316	26.288
1.021				
12/16/2015 6:15:00 PM	1318500.000	70.347	16.818	158.463
38033.699	45078.277	30653.230	29.312	26.292
1.021				
12/16/2015 6:30:00 PM	1319400.000	70.339	16.821	158.446
38014.016	45052.090	30635.424	29.294	26.306
1.021				
12/16/2015 6:45:00 PM	1320300.000	70.354	16.822	158.478
38018.047	45056.234	30638.240	29.297	26.303
1.021				
12/16/2015 7:00:00 PM	1321200.000	70.333	16.822	158.433
38026.020	45065.156	30644.309	29.303	26.298
1.021				
12/16/2015 7:15:00 PM	1322100.000	70.326	16.821	158.417
38040.008	45082.980	30656.430	29.316	26.288
1.021				
12/16/2015 7:30:00 PM	1323000.000	70.339	16.825	158.446
38030.438	45067.156	30645.668	29.305	26.295
1.021				
12/16/2015 7:45:00 PM	1323900.000	70.335	16.825	158.436

38039.137	45077.293	30652.559	29.312	26.289
1.021				
12/16/2015 8:00:00 PM	1324800.000	70.322	16.825	158.407
38014.051	45047.734	30632.459	29.291	26.306
1.021				
12/16/2015 8:15:00 PM	1325700.000	70.322	16.827	158.407
38025.758	45060.191	30640.932	29.300	26.298
1.021				
12/16/2015 8:30:00 PM	1326600.000	70.306	16.828	158.371
38034.465	45069.078	30646.975	29.306	26.292
1.021				
12/16/2015 8:45:00 PM	1327500.000	70.304	16.823	158.367
38059.449	45103.598	30670.449	29.331	26.275
1.021				
12/16/2015 9:00:00 PM	1328400.000	70.298	16.826	158.353
38001.223	45032.191	30621.893	29.279	26.315
1.021				
12/16/2015 9:15:00 PM	1329300.000	70.308	16.829	158.376
38011.555	45041.121	30627.965	29.286	26.308
1.021				
12/16/2015 9:30:00 PM	1330200.000	70.307	16.829	158.373
38033.660	45067.043	30645.592	29.305	26.292
1.021				
12/16/2015 9:45:00 PM	1331100.000	70.300	16.827	158.357
38023.988	45058.098	30639.508	29.298	26.299
1.021				
12/16/2015 10:00:00 PM	1332000.000	70.280	16.825	158.312
38033.359	45070.617	30648.021	29.307	26.293
1.021				
12/16/2015 10:15:00 PM	1332900.000	70.287	16.828	158.329
38043.422	45079.234	30653.881	29.314	26.286
1.021				
12/16/2015 10:30:00 PM	1333800.000	70.275	16.821	158.302
38035.129	45076.848	30652.258	29.311	26.291
1.021				
12/16/2015 10:45:00 PM	1334700.000	70.285	16.840	158.325
38047.484	45072.238	30649.125	29.309	26.283
1.021				
12/16/2015 11:00:00 PM	1335600.000	70.286	16.824	158.326
38042.426	45082.980	30656.430	29.316	26.286
1.021				
12/16/2015 11:15:00 PM	1336500.000	70.284	16.826	158.321
38039.469	45077.250	30652.533	29.312	26.288
1.021				
12/16/2015 11:30:00 PM	1337400.000	70.270	16.824	158.291
38031.484	45069.477	30647.246	29.306	26.294
1.021				
12/16/2015 11:45:00 PM	1338300.000	70.282	16.833	158.317
38058.785	45093.234	30663.402	29.324	26.275
1.021				

Report Date: 12/18/2015 1:48:26 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP CEMEX N Well LT Test_2015-12-17_13-01-55-566-BaroMerge.wsl
Create Date: 12/18/2015 1:45:57 PM

Device Properties:

Device: Level TROLL 700
Site: MPWSP CEMEX North Well
Device Name:
Serial Number: 428407
Firmware Version: 3.03
Hardware Version: 5
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 0
Used Battery(%): 0

Log Configuration

Log Name: MPWSP CEMEX N Well LT Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 10/27/2015 10:36:44 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 11:00:00 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: 1.012

Other Log Settings

Depth of Probe: 33.5555 (ft)
Head Pressure: 14.7218 (PSI)
Temperature: 23.3864 (C)

Log Notes:

Date and Time	Note
10/27/2015 10:36:49 AM	Used Battery: 0% Used Memory: 3% User Name: nreynolds
10/28/2015 10:28:10 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: nreynolds
10/29/2015 3:39:24 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
11/5/2015 2:37:57 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
11/12/2015 10:49:09 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw
11/19/2015 3:36:35 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
11/29/2015 10:02:49 AM	Log Download - Used Battery: 0% Used Memory: 4% 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 11:19:04 AM	Log Download - Used Battery: 0% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:20:00 AM
12/10/2015 9:32:59 AM	Log Download - Used Battery: 0% Used Memory: 4% 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 1:00:52 PM	Log Download - Used Battery: 0% Used Memory: 4% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:00:00 PM
12/18/2015 1:45:57 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl""

Log Data:

Record Count: 1540

Sensors: 2

1 - 428407: Pressure/Temp 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Sensor: Baro-Adj Calc	Sensor: Pres(A) 197.3ft	Sensor: Pres(A) 197.3ft	Sensor: Pres(A) 197.3ft
000000	SN#: 428407	SN#: 428407	SN#: 428407

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
12/10/2015 12:00:00 AM	734400.000	65.692	17.613	149.732
14.747				
12/10/2015 12:15:00 AM	735300.000	65.752	17.621	149.870
14.741				
12/10/2015 12:30:00 AM	736200.000	65.794	17.598	149.964
14.746				
12/10/2015 12:45:00 AM	737100.000	65.862	17.610	150.120
14.741				
12/10/2015 1:00:00 AM	738000.000	65.857	17.600	150.109
14.733				
12/10/2015 1:15:00 AM	738900.000	65.871	17.601	150.141
14.725				
12/10/2015 1:30:00 AM	739800.000	65.872	17.610	150.143
14.715				

12/10/2015 1:45:00 AM 14.717	740700.000	65.873	17.596	150.144
12/10/2015 2:00:00 AM 14.725	741600.000	65.871	17.608	150.141
12/10/2015 2:15:00 AM 14.726	742500.000	65.867	17.624	150.131
12/10/2015 2:30:00 AM 14.729	743400.000	65.858	17.603	150.111
12/10/2015 2:45:00 AM 14.723	744300.000	65.868	17.604	150.133
12/10/2015 3:00:00 AM 14.718	745200.000	65.876	17.619	150.151
12/10/2015 3:15:00 AM 14.707	746100.000	65.863	17.599	150.123
12/10/2015 3:30:00 AM 14.710	747000.000	65.858	17.605	150.111
12/10/2015 3:45:00 AM 14.708	747900.000	65.862	17.606	150.120
12/10/2015 4:00:00 AM 14.710	748800.000	65.856	17.607	150.107
12/10/2015 4:15:00 AM 14.705	749700.000	65.857	17.616	150.109
12/10/2015 4:30:00 AM 14.700	750600.000	65.839	17.607	150.068
12/10/2015 4:45:00 AM 14.699	751500.000	65.858	17.603	150.110
12/10/2015 5:00:00 AM 14.691	752400.000	65.857	17.605	150.109
12/10/2015 5:15:00 AM 14.693	753300.000	65.869	17.590	150.135
12/10/2015 5:30:00 AM 14.692	754200.000	65.857	17.629	150.108
12/10/2015 5:45:00 AM 14.693	755100.000	65.844	17.613	150.079
12/10/2015 6:00:00 AM 14.700	756000.000	65.854	17.607	150.101
12/10/2015 6:15:00 AM 14.703	756900.000	65.850	17.613	150.093
12/10/2015 6:30:00 AM 14.701	757800.000	65.853	17.616	150.099
12/10/2015 6:45:00 AM 14.697	758700.000	65.854	17.582	150.102
12/10/2015 7:00:00 AM 14.692	759600.000	65.839	17.607	150.067
12/10/2015 7:15:00 AM 14.696	760500.000	65.839	17.600	150.067
12/10/2015 7:30:00 AM 14.692	761400.000	65.851	17.616	150.094
12/10/2015 7:45:00 AM 14.693	762300.000	65.842	17.602	150.073
12/10/2015 8:00:00 AM 14.697	763200.000	65.829	17.613	150.044
12/10/2015 8:15:00 AM 14.694	764100.000	65.843	17.611	150.076

12/10/2015 8:30:00 AM 14.714	765000.000	65.834	17.609	150.057
12/10/2015 8:45:00 AM 14.708	765900.000	65.837	17.585	150.063
12/10/2015 9:00:00 AM 14.713	766800.000	65.833	17.601	150.053
12/10/2015 9:15:00 AM 14.716	767700.000	65.837	17.599	150.062
12/10/2015 9:30:00 AM 14.720	768600.000	65.840	17.617	150.069
12/10/2015 9:45:00 AM 14.724	769500.000	65.820	17.618	150.025
12/10/2015 10:00:00 AM 14.720	770400.000	65.847	17.602	150.086
12/10/2015 10:15:00 AM 14.719	771300.000	65.841	17.605	150.071
12/10/2015 10:30:00 AM 14.732	772200.000	65.836	17.608	150.061
12/10/2015 10:45:00 AM 14.720	773100.000	65.822	17.594	150.029
12/10/2015 11:00:00 AM 14.706	774000.000	65.837	17.590	150.064
12/10/2015 11:15:00 AM 14.706	774900.000	65.833	17.636	150.055
12/10/2015 11:30:00 AM 14.717	775800.000	65.837	17.586	150.063
12/10/2015 11:45:00 AM 14.712	776700.000	65.838	17.616	150.065
12/10/2015 12:00:00 PM 14.713	777600.000	65.828	17.599	150.043
12/10/2015 12:15:00 PM 14.709	778500.000	65.836	17.598	150.060
12/10/2015 12:30:00 PM 14.711	779400.000	65.844	17.616	150.078
12/10/2015 12:45:00 PM 14.709	780300.000	65.826	17.602	150.038
12/10/2015 1:00:00 PM 14.705	781200.000	65.827	17.596	150.039
12/10/2015 1:15:00 PM 14.696	782100.000	65.843	17.607	150.077
12/10/2015 1:30:00 PM 14.695	783000.000	65.842	17.618	150.075
12/10/2015 1:45:00 PM 14.699	783900.000	65.824	17.598	150.034
12/10/2015 2:00:00 PM 14.698	784800.000	65.835	17.609	150.059
12/10/2015 2:15:00 PM 14.692	785700.000	65.821	17.616	150.026
12/10/2015 2:30:00 PM 14.690	786600.000	65.825	17.603	150.035
12/10/2015 2:45:00 PM 14.691	787500.000	65.831	17.604	150.048
12/10/2015 3:00:00 PM 14.697	788400.000	65.818	17.619	150.019

12/10/2015 3:15:00 PM 14.690	789300.000	65.812	17.610	150.007
12/10/2015 3:30:00 PM 14.698	790200.000	65.814	17.602	150.009
12/10/2015 3:45:00 PM 14.693	791100.000	65.825	17.620	150.035
12/10/2015 4:00:00 PM 14.685	792000.000	65.821	17.606	150.027
12/10/2015 4:15:00 PM 14.692	792900.000	65.813	17.615	150.007
12/10/2015 4:30:00 PM 14.689	793800.000	65.828	17.619	150.043
12/10/2015 4:45:00 PM 14.694	794700.000	65.815	17.596	150.012
12/10/2015 5:00:00 PM 14.686	795600.000	65.809	17.610	150.000
12/10/2015 5:15:00 PM 14.683	796500.000	65.818	17.585	150.020
12/10/2015 5:30:00 PM 14.689	797400.000	65.811	17.601	150.004
12/10/2015 5:45:00 PM 14.688	798300.000	65.805	17.605	149.991
12/10/2015 6:00:00 PM 14.687	799200.000	65.819	17.619	150.021
12/10/2015 6:15:00 PM 14.684	800100.000	65.804	17.616	149.987
12/10/2015 6:30:00 PM 14.684	801000.000	65.818	17.615	150.019
12/10/2015 6:45:00 PM 14.685	801900.000	65.797	17.610	149.972
12/10/2015 7:00:00 PM 14.678	802800.000	65.813	17.599	150.009
12/10/2015 7:15:00 PM 14.674	803700.000	65.827	17.599	150.040
12/10/2015 7:30:00 PM 14.690	804600.000	65.800	17.607	149.978
12/10/2015 7:45:00 PM 14.684	805500.000	65.802	17.604	149.984
12/10/2015 8:00:00 PM 14.690	806400.000	65.793	17.594	149.962
12/10/2015 8:15:00 PM 14.682	807300.000	65.807	17.610	149.995
12/10/2015 8:30:00 PM 14.691	808200.000	65.789	17.592	149.954
12/10/2015 8:45:00 PM 14.688	809100.000	65.793	17.610	149.962
12/10/2015 9:00:00 PM 14.685	810000.000	65.799	17.595	149.977
12/10/2015 9:15:00 PM 14.684	810900.000	65.803	17.605	149.986
12/10/2015 9:30:00 PM 14.679	811800.000	65.810	17.600	150.002
12/10/2015 9:45:00 PM 14.677	812700.000	65.804	17.597	149.987

12/10/2015 10:00:00 PM 14.682	813600.000	65.802	17.600	149.982
12/10/2015 10:15:00 PM 14.679	814500.000	65.792	17.607	149.961
12/10/2015 10:30:00 PM 14.679	815400.000	65.785	17.616	149.944
12/10/2015 10:45:00 PM 14.678	816300.000	65.792	17.619	149.959
12/10/2015 11:00:00 PM 14.676	817200.000	65.800	17.610	149.979
12/10/2015 11:15:00 PM 14.673	818100.000	65.805	17.608	149.991
12/10/2015 11:30:00 PM 14.672	819000.000	65.789	17.611	149.952
12/10/2015 11:45:00 PM 14.659	819900.000	65.802	17.591	149.984
12/11/2015 12:00:00 AM 14.677	820800.000	65.807	17.613	149.993
12/11/2015 12:15:00 AM 14.675	821700.000	65.804	17.621	149.987
12/11/2015 12:30:00 AM 14.671	822600.000	65.813	17.595	150.009
12/11/2015 12:45:00 AM 14.676	823500.000	65.805	17.605	149.989
12/11/2015 1:00:00 AM 14.666	824400.000	65.803	17.608	149.985
12/11/2015 1:15:00 AM 14.663	825300.000	65.801	17.615	149.981
12/11/2015 1:30:00 AM 14.666	826200.000	65.814	17.588	150.010
12/11/2015 1:45:00 AM 14.671	827100.000	65.792	17.618	149.960
12/11/2015 2:00:00 AM 14.667	828000.000	65.801	17.602	149.981
12/11/2015 2:15:00 AM 14.667	828900.000	65.816	17.598	150.014
12/11/2015 2:30:00 AM 14.666	829800.000	65.826	17.612	150.038
12/11/2015 2:45:00 AM 14.663	830700.000	65.826	17.607	150.039
12/11/2015 3:00:00 AM 14.658	831600.000	65.848	17.599	150.088
12/11/2015 3:15:00 AM 14.660	832500.000	65.841	17.620	150.073
12/11/2015 3:30:00 AM 14.661	833400.000	65.835	17.603	150.057
12/11/2015 3:45:00 AM 14.649	834300.000	65.838	17.604	150.066
12/11/2015 4:00:00 AM 14.652	835200.000	65.828	17.600	150.043
12/11/2015 4:15:00 AM 14.651	836100.000	65.834	17.608	150.056
12/11/2015 4:30:00 AM 14.650	837000.000	65.835	17.619	150.058

12/11/2015 4:45:00 AM 14.649	837900.000	65.827	17.606	150.041
12/11/2015 5:00:00 AM 14.639	838800.000	65.839	17.605	150.067
12/11/2015 5:15:00 AM 14.644	839700.000	65.833	17.626	150.054
12/11/2015 5:30:00 AM 14.642	840600.000	65.845	17.603	150.081
12/11/2015 5:45:00 AM 14.643	841500.000	65.852	17.606	150.098
12/11/2015 6:00:00 AM 14.650	842400.000	65.835	17.602	150.058
12/11/2015 6:15:00 AM 14.659	843300.000	65.840	17.593	150.071
12/11/2015 6:30:00 AM 14.655	844200.000	65.838	17.592	150.066
12/11/2015 6:45:00 AM 14.659	845100.000	65.845	17.602	150.080
12/11/2015 7:00:00 AM 14.657	846000.000	65.847	17.607	150.086
12/11/2015 7:15:00 AM 14.671	846900.000	65.833	17.599	150.053
12/11/2015 7:30:00 AM 14.671	847800.000	65.831	17.622	150.050
12/11/2015 7:45:00 AM 14.669	848700.000	65.839	17.602	150.066
12/11/2015 8:00:00 AM 14.665	849600.000	65.845	17.593	150.081
12/11/2015 8:15:00 AM 14.669	850500.000	65.829	17.623	150.044
12/11/2015 8:30:00 AM 14.679	851400.000	65.831	17.602	150.050
12/11/2015 8:45:00 AM 14.683	852300.000	65.837	17.605	150.063
12/11/2015 9:00:00 AM 14.682	853200.000	65.824	17.602	150.032
12/11/2015 9:15:00 AM 14.693	854100.000	65.826	17.616	150.037
12/11/2015 9:30:00 AM 14.690	855000.000	65.832	17.616	150.051
12/11/2015 9:45:00 AM 14.694	855900.000	65.826	17.598	150.037
12/11/2015 10:00:00 AM 14.691	856800.000	65.836	17.619	150.060
12/11/2015 10:15:00 AM 14.697	857700.000	65.828	17.636	150.042
12/11/2015 10:30:00 AM 14.694	858600.000	65.831	17.605	150.050
12/11/2015 10:45:00 AM 14.701	859500.000	65.823	17.614	150.030
12/11/2015 11:00:00 AM 14.700	860400.000	65.832	17.615	150.052
12/11/2015 11:15:00 AM 14.703	861300.000	65.825	17.602	150.035

12/11/2015 11:30:00 AM 14.700	862200.000	65.819	17.604	150.023
12/11/2015 11:45:00 AM 14.698	863100.000	65.824	17.602	150.033
12/11/2015 12:00:00 PM 14.701	864000.000	65.823	17.594	150.031
12/11/2015 12:15:00 PM 14.695	864900.000	65.821	17.600	150.026
12/11/2015 12:30:00 PM 14.694	865800.000	65.824	17.607	150.034
12/11/2015 12:45:00 PM 14.696	866700.000	65.807	17.610	149.994
12/11/2015 1:00:00 PM 14.689	867600.000	65.824	17.597	150.033
12/11/2015 1:15:00 PM 14.691	868500.000	65.810	17.605	150.002
12/11/2015 1:30:00 PM 14.696	869400.000	65.822	17.594	150.029
12/11/2015 1:45:00 PM 14.694	870300.000	65.825	17.607	150.036
12/11/2015 2:00:00 PM 14.691	871200.000	65.814	17.610	150.010
12/11/2015 2:15:00 PM 14.691	872100.000	65.816	17.587	150.014
12/11/2015 2:30:00 PM 14.690	873000.000	65.816	17.592	150.015
12/11/2015 2:45:00 PM 14.690	873900.000	65.820	17.607	150.024
12/11/2015 3:00:00 PM 14.686	874800.000	65.821	17.615	150.027
12/11/2015 3:15:00 PM 14.688	875700.000	65.809	17.604	149.998
12/11/2015 3:30:00 PM 14.697	876600.000	65.830	17.591	150.048
12/11/2015 3:45:00 PM 14.701	877500.000	65.798	17.599	149.974
12/11/2015 4:00:00 PM 14.700	878400.000	65.812	17.602	150.007
12/11/2015 4:15:00 PM 14.704	879300.000	65.810	17.612	150.001
12/11/2015 4:30:00 PM 14.705	880200.000	65.805	17.602	149.990
12/11/2015 4:45:00 PM 14.712	881100.000	65.806	17.597	149.991
12/11/2015 5:00:00 PM 14.715	882000.000	65.804	17.597	149.987
12/11/2015 5:15:00 PM 14.712	882900.000	65.801	17.590	149.981
12/11/2015 5:30:00 PM 14.715	883800.000	65.800	17.602	149.979
12/11/2015 5:45:00 PM 14.715	884700.000	65.815	17.605	150.012
12/11/2015 6:00:00 PM 14.717	885600.000	65.806	17.613	149.993

12/11/2015 6:15:00 PM 14.720	886500.000	65.794	17.620	149.965
12/11/2015 6:30:00 PM 14.731	887400.000	65.791	17.614	149.958
12/11/2015 6:45:00 PM 14.728	888300.000	65.806	17.605	149.991
12/11/2015 7:00:00 PM 14.730	889200.000	65.791	17.594	149.958
12/11/2015 7:15:00 PM 14.728	890100.000	65.785	17.597	149.944
12/11/2015 7:30:00 PM 14.727	891000.000	65.804	17.593	149.987
12/11/2015 7:45:00 PM 14.725	891900.000	65.799	17.610	149.976
12/11/2015 8:00:00 PM 14.735	892800.000	65.786	17.613	149.947
12/11/2015 8:15:00 PM 14.732	893700.000	65.793	17.622	149.963
12/11/2015 8:30:00 PM 14.738	894600.000	65.788	17.602	149.950
12/11/2015 8:45:00 PM 14.733	895500.000	65.803	17.605	149.984
12/11/2015 9:00:00 PM 14.731	896400.000	65.875	17.597	150.149
12/11/2015 9:15:00 PM 14.738	897300.000	65.863	17.614	150.122
12/11/2015 9:30:00 PM 14.743	898200.000	65.863	17.608	150.121
12/11/2015 9:45:00 PM 14.737	899100.000	65.857	17.610	150.110
12/11/2015 10:00:00 PM 14.746	900000.000	65.854	17.595	150.101
12/11/2015 10:15:00 PM 14.744	900900.000	65.852	17.622	150.098
12/11/2015 10:30:00 PM 14.745	901800.000	65.856	17.604	150.107
12/11/2015 10:45:00 PM 14.747	902700.000	65.878	17.621	150.157
12/11/2015 11:00:00 PM 14.746	903600.000	65.871	17.603	150.139
12/11/2015 11:15:00 PM 14.745	904500.000	65.871	17.597	150.141
12/11/2015 11:30:00 PM 14.748	905400.000	65.876	17.611	150.151
12/11/2015 11:45:00 PM 14.752	906300.000	65.861	17.595	150.117
12/12/2015 12:00:00 AM 14.752	907200.000	65.862	17.599	150.120
12/12/2015 12:15:00 AM 14.752	908100.000	65.871	17.606	150.140
12/12/2015 12:30:00 AM 14.745	909000.000	65.867	17.593	150.131
12/12/2015 12:45:00 AM 14.760	909900.000	65.865	17.606	150.126

12/12/2015 1:00:00 AM 14.755	910800.000	65.868	17.613	150.133
12/12/2015 1:15:00 AM 14.756	911700.000	65.877	17.608	150.153
12/12/2015 1:30:00 AM 14.761	912600.000	65.877	17.602	150.153
12/12/2015 1:45:00 AM 14.767	913500.000	65.874	17.610	150.148
12/12/2015 2:00:00 AM 14.762	914400.000	65.871	17.604	150.141
12/12/2015 2:15:00 AM 14.762	915300.000	65.877	17.611	150.154
12/12/2015 2:30:00 AM 14.765	916200.000	65.874	17.602	150.147
12/12/2015 2:45:00 AM 14.770	917100.000	65.861	17.618	150.118
12/12/2015 3:00:00 AM 14.771	918000.000	65.880	17.608	150.161
12/12/2015 3:15:00 AM 14.771	918900.000	65.867	17.617	150.131
12/12/2015 3:30:00 AM 14.766	919800.000	65.873	17.594	150.144
12/12/2015 3:45:00 AM 14.762	920700.000	65.881	17.605	150.162
12/12/2015 4:00:00 AM 14.763	921600.000	65.871	17.605	150.139
12/12/2015 4:15:00 AM 14.761	922500.000	65.873	17.621	150.145
12/12/2015 4:30:00 AM 14.762	923400.000	65.873	17.596	150.146
12/12/2015 4:45:00 AM 14.760	924300.000	65.878	17.607	150.156
12/12/2015 5:00:00 AM 14.774	925200.000	65.869	17.602	150.136
12/12/2015 5:15:00 AM 14.772	926100.000	65.865	17.598	150.126
12/12/2015 5:30:00 AM 14.776	927000.000	65.867	17.602	150.130
12/12/2015 5:45:00 AM 14.775	927900.000	65.868	17.610	150.133
12/12/2015 6:00:00 AM 14.774	928800.000	65.878	17.593	150.155
12/12/2015 6:15:00 AM 14.775	929700.000	65.871	17.605	150.139
12/12/2015 6:30:00 AM 14.782	930600.000	65.864	17.593	150.124
12/12/2015 6:45:00 AM 14.792	931500.000	65.860	17.624	150.116
12/12/2015 7:00:00 AM 14.787	932400.000	65.915	17.610	150.241
12/12/2015 7:15:00 AM 14.790	933300.000	65.869	17.603	150.136
12/12/2015 7:30:00 AM 14.779	934200.000	65.872	17.614	150.142

12/12/2015 7:45:00 AM 14.791	935100.000	65.869	17.605	150.135
12/12/2015 8:00:00 AM 14.793	936000.000	65.868	17.615	150.133
12/12/2015 8:15:00 AM 14.791	936900.000	65.871	17.611	150.140
12/12/2015 8:30:00 AM 14.797	937800.000	65.861	17.602	150.118
12/12/2015 8:45:00 AM 14.798	938700.000	65.868	17.623	150.133
12/12/2015 9:00:00 AM 14.804	939600.000	65.859	17.599	150.112
12/12/2015 9:15:00 AM 14.812	940500.000	65.862	17.611	150.120
12/12/2015 9:30:00 AM 14.806	941400.000	65.858	17.593	150.111
12/12/2015 9:45:00 AM 14.814	942300.000	65.848	17.605	150.089
12/12/2015 10:00:00 AM 14.814	943200.000	65.847	17.608	150.085
12/12/2015 10:15:00 AM 14.809	944100.000	65.845	17.605	150.081
12/12/2015 10:30:00 AM 14.815	945000.000	65.848	17.595	150.088
12/12/2015 10:45:00 AM 14.816	945900.000	65.849	17.599	150.090
12/12/2015 11:00:00 AM 14.816	946800.000	65.846	17.603	150.083
12/12/2015 11:15:00 AM 14.812	947700.000	65.851	17.593	150.094
12/12/2015 11:30:00 AM 14.814	948600.000	65.843	17.601	150.076
12/12/2015 11:45:00 AM 14.810	949500.000	65.849	17.605	150.090
12/12/2015 12:00:00 PM 14.811	950400.000	65.867	17.621	150.131
12/12/2015 12:15:00 PM 14.811	951300.000	65.859	17.587	150.113
12/12/2015 12:30:00 PM 14.814	952200.000	65.846	17.604	150.083
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12/12/2015 1:00:00 PM 14.807	954000.000	65.855	17.600	150.104
12/12/2015 1:15:00 PM 14.808	954900.000	65.859	17.598	150.114
12/12/2015 1:30:00 PM 14.808	955800.000	65.861	17.606	150.117
12/12/2015 1:45:00 PM 14.813	956700.000	65.850	17.605	150.092
12/12/2015 2:00:00 PM 14.806	957600.000	65.850	17.597	150.093
12/12/2015 2:15:00 PM 14.802	958500.000	65.845	17.602	150.080

12/12/2015 2:30:00 PM 14.796	959400.000	65.862	17.607	150.119
12/12/2015 2:45:00 PM 14.806	960300.000	65.872	17.593	150.142
12/12/2015 3:00:00 PM 14.799	961200.000	65.871	17.606	150.141
12/12/2015 3:15:00 PM 14.799	962100.000	65.868	17.606	150.135
12/12/2015 3:30:00 PM 14.806	963000.000	65.882	17.596	150.165
12/12/2015 3:45:00 PM 14.809	963900.000	65.864	17.600	150.123
12/12/2015 4:00:00 PM 14.808	964800.000	65.880	17.606	150.162
12/12/2015 4:15:00 PM 14.808	965700.000	65.867	17.599	150.131
12/12/2015 4:30:00 PM 14.815	966600.000	65.870	17.613	150.137
12/12/2015 4:45:00 PM 14.815	967500.000	65.871	17.596	150.140
12/12/2015 5:00:00 PM 14.818	968400.000	65.865	17.589	150.126
12/12/2015 5:15:00 PM 14.814	969300.000	65.865	17.605	150.127
12/12/2015 5:30:00 PM 14.815	970200.000	65.864	17.610	150.125
12/12/2015 5:45:00 PM 14.816	971100.000	65.867	17.604	150.130
12/12/2015 6:00:00 PM 14.817	972000.000	65.873	17.617	150.144
12/12/2015 6:15:00 PM 14.820	972900.000	65.861	17.616	150.118
12/12/2015 6:30:00 PM 14.820	973800.000	65.876	17.596	150.153
12/12/2015 6:45:00 PM 14.831	974700.000	65.858	17.619	150.112
12/12/2015 7:00:00 PM 14.820	975600.000	65.876	17.603	150.151
12/12/2015 7:15:00 PM 14.815	976500.000	65.884	17.618	150.169
12/12/2015 7:30:00 PM 14.822	977400.000	65.875	17.604	150.150
12/12/2015 7:45:00 PM 14.829	978300.000	65.868	17.623	150.133
12/12/2015 8:00:00 PM 14.832	979200.000	65.864	17.609	150.124
12/12/2015 8:15:00 PM 14.825	980100.000	65.873	17.607	150.145
12/12/2015 8:30:00 PM 14.824	981000.000	65.870	17.618	150.139
12/12/2015 8:45:00 PM 14.829	981900.000	65.861	17.609	150.117
12/12/2015 9:00:00 PM 14.825	982800.000	65.876	17.605	150.151

12/12/2015 9:15:00 PM 14.833	983700.000	65.861	17.604	150.117
12/12/2015 9:30:00 PM 14.819	984600.000	65.863	17.592	150.123
12/12/2015 9:45:00 PM 14.821	985500.000	65.867	17.613	150.132
12/12/2015 10:00:00 PM 14.830	986400.000	65.862	17.607	150.120
12/12/2015 10:15:00 PM 14.827	987300.000	65.873	17.619	150.146
12/12/2015 10:30:00 PM 14.827	988200.000	65.859	17.599	150.112
12/12/2015 10:45:00 PM 14.827	989100.000	65.866	17.599	150.129
12/12/2015 11:00:00 PM 14.828	990000.000	65.858	17.607	150.112
12/12/2015 11:15:00 PM 14.827	990900.000	65.859	17.592	150.113
12/12/2015 11:30:00 PM 14.829	991800.000	65.859	17.610	150.113
12/12/2015 11:45:00 PM 14.827	992700.000	65.873	17.604	150.146
12/13/2015 12:00:00 AM 14.824	993600.000	65.855	17.607	150.103
12/13/2015 12:15:00 AM 14.822	994500.000	65.872	17.610	150.142
12/13/2015 12:30:00 AM 14.825	995400.000	65.866	17.602	150.129
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12/13/2015 1:00:00 AM 14.823	997200.000	65.864	17.601	150.124
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12/13/2015 1:45:00 AM 14.822	999900.000	65.865	17.605	150.128
12/13/2015 2:00:00 AM 14.816	1000800.000	65.869	17.599	150.136
12/13/2015 2:15:00 AM 14.820	1001700.000	65.862	17.589	150.120
12/13/2015 2:30:00 AM 14.819	1002600.000	65.859	17.618	150.114
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12/13/2015 3:00:00 AM 14.815	1004400.000	65.867	17.618	150.132
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12/13/2015 3:30:00 AM 14.799	1006200.000	65.866	17.602	150.128
12/13/2015 3:45:00 AM 14.798	1007100.000	65.867	17.605	150.131

12/13/2015 4:00:00 AM 14.803	1008000.000	65.851	17.596	150.095
12/13/2015 4:15:00 AM 14.789	1008900.000	65.867	17.609	150.131
12/13/2015 4:30:00 AM 14.782	1009800.000	65.867	17.611	150.132
12/13/2015 4:45:00 AM 14.791	1010700.000	65.869	17.594	150.136
12/13/2015 5:00:00 AM 14.786	1011600.000	65.865	17.613	150.126
12/13/2015 5:15:00 AM 14.781	1012500.000	65.867	17.589	150.132
12/13/2015 5:30:00 AM 14.783	1013400.000	65.865	17.591	150.126
12/13/2015 5:45:00 AM 14.781	1014300.000	65.870	17.619	150.139
12/13/2015 6:00:00 AM 14.776	1015200.000	65.873	17.610	150.146
12/13/2015 6:15:00 AM 14.772	1016100.000	65.851	17.605	150.094
12/13/2015 6:30:00 AM 14.773	1017000.000	65.867	17.598	150.131
12/13/2015 6:45:00 AM 14.769	1017900.000	65.867	17.615	150.131
12/13/2015 7:00:00 AM 14.776	1018800.000	65.864	17.614	150.125
12/13/2015 7:15:00 AM 14.762	1019700.000	65.863	17.614	150.122
12/13/2015 7:30:00 AM 14.757	1020600.000	65.862	17.604	150.120
12/13/2015 7:45:00 AM 14.751	1021500.000	65.873	17.602	150.146
12/13/2015 8:00:00 AM 14.747	1022400.000	65.867	17.604	150.132
12/13/2015 8:15:00 AM 14.746	1023300.000	65.869	17.598	150.136
12/13/2015 8:30:00 AM 14.750	1024200.000	65.856	17.624	150.107
12/13/2015 8:45:00 AM 14.744	1025100.000	65.851	17.594	150.095
12/13/2015 9:00:00 AM 14.731	1026000.000	65.866	17.623	150.130
12/13/2015 9:15:00 AM 14.731	1026900.000	65.849	17.606	150.090
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12/13/2015 9:45:00 AM 14.719	1028700.000	65.865	17.608	150.128
12/13/2015 10:00:00 AM 14.713	1029600.000	65.869	17.598	150.136
12/13/2015 10:15:00 AM 14.704	1030500.000	65.868	17.621	150.134
12/13/2015 10:30:00 AM 14.691	1031400.000	65.867	17.616	150.132

12/13/2015 10:45:00 AM 14.693	1032300.000	65.864	17.601	150.125
12/13/2015 11:00:00 AM 14.728	1033200.000	65.866	17.618	150.129
12/13/2015 11:15:00 AM 14.732	1034100.000	65.866	17.574	150.128
12/13/2015 11:30:00 AM 14.729	1035000.000	65.858	17.621	150.111
12/13/2015 11:45:00 AM 14.730	1035900.000	65.866	17.595	150.129
12/13/2015 12:00:00 PM 14.732	1036800.000	65.860	17.620	150.115
12/13/2015 12:15:00 PM 14.726	1037700.000	65.862	17.603	150.120
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12/13/2015 12:45:00 PM 14.721	1039500.000	65.866	17.584	150.129
12/13/2015 1:00:00 PM 14.728	1040400.000	65.856	17.595	150.106
12/13/2015 1:15:00 PM 14.722	1041300.000	65.862	17.598	150.121
12/13/2015 1:30:00 PM 14.724	1042200.000	65.875	17.586	150.149
12/13/2015 1:45:00 PM 14.718	1043100.000	65.879	17.617	150.159
12/13/2015 2:00:00 PM 14.728	1044000.000	65.862	17.613	150.119
12/13/2015 2:15:00 PM 14.725	1044900.000	65.869	17.618	150.136
12/13/2015 2:30:00 PM 14.724	1045800.000	65.871	17.622	150.139
12/13/2015 2:45:00 PM 14.739	1046700.000	65.853	17.597	150.098
12/13/2015 3:00:00 PM 14.734	1047600.000	65.855	17.621	150.103
12/13/2015 3:15:00 PM 14.731	1048500.000	65.861	17.610	150.119
12/13/2015 3:30:00 PM 14.734	1049400.000	65.870	17.610	150.138
12/13/2015 3:45:00 PM 14.730	1050300.000	65.869	17.630	150.135
12/13/2015 4:00:00 PM 14.737	1051200.000	65.853	17.616	150.099
12/13/2015 4:15:00 PM 14.732	1052100.000	65.860	17.617	150.115
12/13/2015 4:30:00 PM 14.740	1053000.000	65.864	17.605	150.125
12/13/2015 4:45:00 PM 14.743	1053900.000	65.858	17.610	150.111
12/13/2015 5:00:00 PM 14.747	1054800.000	65.867	17.599	150.131
12/13/2015 5:15:00 PM 14.749	1055700.000	65.858	17.612	150.111

12/13/2015 5:30:00 PM 14.746	1056600.000	65.866	17.593	150.128
12/13/2015 5:45:00 PM 14.751	1057500.000	65.859	17.607	150.112
12/13/2015 6:00:00 PM 14.747	1058400.000	65.871	17.620	150.141
12/13/2015 6:15:00 PM 14.753	1059300.000	65.867	17.596	150.132
12/13/2015 6:30:00 PM 14.756	1060200.000	65.876	17.599	150.152
12/13/2015 6:45:00 PM 14.755	1061100.000	65.858	17.616	150.111
12/13/2015 7:00:00 PM 14.754	1062000.000	65.866	17.615	150.130
12/13/2015 7:15:00 PM 14.756	1062900.000	65.856	17.600	150.105
12/13/2015 7:30:00 PM 14.758	1063800.000	65.857	17.605	150.108
12/13/2015 7:45:00 PM 14.762	1064700.000	65.862	17.603	150.119
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12/13/2015 8:15:00 PM 14.758	1066500.000	65.861	17.591	150.117
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12/13/2015 9:00:00 PM 14.769	1069200.000	65.861	17.597	150.117
12/13/2015 9:15:00 PM 14.760	1070100.000	65.849	17.593	150.090
12/13/2015 9:30:00 PM 14.759	1071000.000	65.867	17.598	150.132
12/13/2015 9:45:00 PM 14.763	1071900.000	65.853	17.614	150.099
12/13/2015 10:00:00 PM 14.763	1072800.000	65.872	17.626	150.143
12/13/2015 10:15:00 PM 14.759	1073700.000	65.857	17.579	150.109
12/13/2015 10:30:00 PM 14.760	1074600.000	65.863	17.607	150.121
12/13/2015 10:45:00 PM 14.757	1075500.000	65.847	17.612	150.086
12/13/2015 11:00:00 PM 14.759	1076400.000	65.844	17.600	150.079
12/13/2015 11:15:00 PM 14.759	1077300.000	65.852	17.588	150.098
12/13/2015 11:30:00 PM 14.762	1078200.000	65.838	17.614	150.066
12/13/2015 11:45:00 PM 14.761	1079100.000	65.845	17.607	150.082
12/14/2015 12:00:00 AM 14.760	1080000.000	65.842	17.609	150.073

12/14/2015 12:15:00 AM 14.759	1080900.000	65.839	17.616	150.068
12/14/2015 12:30:00 AM 14.756	1081800.000	65.851	17.601	150.094
12/14/2015 12:45:00 AM 14.751	1082700.000	65.854	17.602	150.101
12/14/2015 1:00:00 AM 14.758	1083600.000	65.839	17.607	150.068
12/14/2015 1:15:00 AM 14.758	1084500.000	65.835	17.604	150.058
12/14/2015 1:30:00 AM 14.761	1085400.000	65.833	17.595	150.053
12/14/2015 1:45:00 AM 14.762	1086300.000	65.846	17.605	150.084
12/14/2015 2:00:00 AM 14.764	1087200.000	65.837	17.609	150.062
12/14/2015 2:15:00 AM 14.774	1088100.000	65.822	17.593	150.028
12/14/2015 2:30:00 AM 14.766	1089000.000	65.836	17.604	150.062
12/14/2015 2:45:00 AM 14.765	1089900.000	65.825	17.610	150.036
12/14/2015 3:00:00 AM 14.763	1090800.000	65.830	17.605	150.047
12/14/2015 3:15:00 AM 14.761	1091700.000	65.836	17.597	150.060
12/14/2015 3:30:00 AM 14.764	1092600.000	65.829	17.618	150.045
12/14/2015 3:45:00 AM 14.767	1093500.000	65.826	17.589	150.037
12/14/2015 4:00:00 AM 14.769	1094400.000	65.818	17.613	150.020
12/14/2015 4:15:00 AM 14.766	1095300.000	65.815	17.615	150.014
12/14/2015 4:30:00 AM 14.764	1096200.000	65.829	17.622	150.044
12/14/2015 4:45:00 AM 14.765	1097100.000	65.830	17.608	150.047
12/14/2015 5:00:00 AM 14.764	1098000.000	65.829	17.602	150.046
12/14/2015 5:15:00 AM 14.769	1098900.000	65.822	17.621	150.028
12/14/2015 5:30:00 AM 14.771	1099800.000	65.821	17.600	150.026
12/14/2015 5:45:00 AM 14.771	1100700.000	65.819	17.609	150.021
12/14/2015 6:00:00 AM 14.775	1101600.000	65.826	17.598	150.037
12/14/2015 6:15:00 AM 14.776	1102500.000	65.813	17.617	150.007
12/14/2015 6:30:00 AM 14.769	1103400.000	65.816	17.602	150.015
12/14/2015 6:45:00 AM 14.776	1104300.000	65.819	17.619	150.021

12/14/2015 7:00:00 AM 14.780	1105200.000	65.806	17.613	149.991
12/14/2015 7:15:00 AM 14.781	1106100.000	65.813	17.607	150.009
12/14/2015 7:30:00 AM 14.781	1107000.000	65.834	17.596	150.057
12/14/2015 7:45:00 AM 14.778	1107900.000	65.820	17.603	150.023
12/14/2015 8:00:00 AM 14.783	1108800.000	65.823	17.605	150.030
12/14/2015 8:15:00 AM 14.783	1109700.000	65.811	17.605	150.003
12/14/2015 8:30:00 AM 14.783	1110600.000	65.811	17.610	150.004
12/14/2015 8:45:00 AM 14.789	1111500.000	65.795	17.582	149.966
12/14/2015 9:00:00 AM 14.786	1112400.000	65.804	17.597	149.987
12/14/2015 9:15:00 AM 14.795	1113300.000	65.799	17.617	149.976
12/14/2015 9:30:00 AM 14.793	1114200.000	65.818	17.600	150.019
12/14/2015 9:45:00 AM 14.801	1115100.000	65.796	17.607	149.969
12/14/2015 10:00:00 AM 14.799	1116000.000	65.785	17.610	149.943
12/14/2015 10:15:00 AM 14.793	1116900.000	65.804	17.598	149.988
12/14/2015 10:30:00 AM 14.798	1117800.000	65.813	17.600	150.009
12/14/2015 10:45:00 AM 14.800	1118700.000	65.793	17.612	149.961
12/14/2015 11:00:00 AM 14.793	1119600.000	65.801	17.610	149.981
12/14/2015 11:15:00 AM 14.791	1120500.000	65.793	17.605	149.961
12/14/2015 11:30:00 AM 14.794	1121400.000	65.802	17.603	149.982
12/14/2015 11:45:00 AM 14.790	1122300.000	65.799	17.606	149.976
12/14/2015 12:00:00 PM 14.785	1123200.000	65.799	17.609	149.975
12/14/2015 12:15:00 PM 14.786	1124100.000	65.792	17.597	149.961
12/14/2015 12:30:00 PM 14.779	1125000.000	65.794	17.599	149.965
12/14/2015 12:45:00 PM 14.776	1125900.000	65.795	17.605	149.967
12/14/2015 1:00:00 PM 14.774	1126800.000	65.795	17.599	149.967
12/14/2015 1:15:00 PM 14.782	1127700.000	65.788	17.612	149.952
12/14/2015 1:30:00 PM 14.786	1128600.000	65.783	17.586	149.940

12/14/2015 1:45:00 PM 14.777	1129500.000	65.791	17.594	149.958
12/14/2015 2:00:00 PM 14.776	1130400.000	65.795	17.582	149.968
12/14/2015 2:15:00 PM 14.782	1131300.000	65.776	17.607	149.923
12/14/2015 2:30:00 PM 14.777	1132200.000	65.799	17.600	149.975
12/14/2015 2:45:00 PM 14.786	1133100.000	65.792	17.613	149.959
12/14/2015 3:00:00 PM 14.782	1134000.000	65.789	17.601	149.953
12/14/2015 3:15:00 PM 14.782	1134900.000	65.772	17.595	149.915
12/14/2015 3:30:00 PM 14.777	1135800.000	65.794	17.622	149.964
12/14/2015 3:45:00 PM 14.778	1136700.000	65.786	17.605	149.947
12/14/2015 4:00:00 PM 14.777	1137600.000	65.777	17.604	149.925
12/14/2015 4:15:00 PM 14.780	1138500.000	65.782	17.613	149.938
12/14/2015 4:30:00 PM 14.786	1139400.000	65.786	17.602	149.946
12/14/2015 4:45:00 PM 14.789	1140300.000	65.772	17.606	149.914
12/14/2015 5:00:00 PM 14.778	1141200.000	65.783	17.609	149.941
12/14/2015 5:15:00 PM 14.784	1142100.000	65.772	17.586	149.914
12/14/2015 5:30:00 PM 14.790	1143000.000	65.765	17.600	149.899
12/14/2015 5:45:00 PM 14.783	1143900.000	65.779	17.620	149.931
12/14/2015 6:00:00 PM 14.777	1144800.000	65.793	17.596	149.962
12/14/2015 6:15:00 PM 14.788	1145700.000	65.776	17.598	149.924
12/14/2015 6:30:00 PM 14.788	1146600.000	65.773	17.596	149.917
12/14/2015 6:45:00 PM 14.786	1147500.000	65.776	17.609	149.924
12/14/2015 7:00:00 PM 14.784	1148400.000	65.777	17.588	149.927
12/14/2015 7:15:00 PM 14.795	1149300.000	65.770	17.608	149.910
12/14/2015 7:30:00 PM 14.792	1150200.000	65.768	17.601	149.905
12/14/2015 7:45:00 PM 14.795	1151100.000	65.763	17.596	149.895
12/14/2015 8:00:00 PM 14.788	1152000.000	65.769	17.607	149.907
12/14/2015 8:15:00 PM 14.791	1152900.000	65.760	17.595	149.887

12/14/2015 8:30:00 PM 14.790	1153800.000	65.767	17.593	149.902
12/14/2015 8:45:00 PM 14.792	1154700.000	65.756	17.595	149.878
12/14/2015 9:00:00 PM 14.788	1155600.000	65.762	17.605	149.892
12/14/2015 9:15:00 PM 14.783	1156500.000	65.766	17.599	149.900
12/14/2015 9:30:00 PM 14.783	1157400.000	65.765	17.597	149.899
12/14/2015 9:45:00 PM 14.783	1158300.000	65.765	17.601	149.898
12/14/2015 10:00:00 PM 14.784	1159200.000	65.755	17.598	149.877
12/14/2015 10:15:00 PM 14.784	1160100.000	65.756	17.595	149.878
12/14/2015 10:30:00 PM 14.780	1161000.000	65.762	17.611	149.892
12/14/2015 10:45:00 PM 14.781	1161900.000	65.766	17.619	149.902
12/14/2015 11:00:00 PM 14.781	1162800.000	65.756	17.616	149.878
12/14/2015 11:15:00 PM 14.785	1163700.000	65.757	17.609	149.880
12/14/2015 11:30:00 PM 14.777	1164600.000	65.765	17.624	149.898
12/14/2015 11:45:00 PM 14.780	1165500.000	65.753	17.597	149.872
12/15/2015 12:00:00 AM 14.776	1166400.000	65.778	17.606	149.928
12/15/2015 12:15:00 AM 14.773	1167300.000	65.756	17.619	149.879
12/15/2015 12:30:00 AM 14.777	1168200.000	65.753	17.599	149.872
12/15/2015 12:45:00 AM 14.773	1169100.000	65.757	17.602	149.881
12/15/2015 1:00:00 AM 14.775	1170000.000	65.751	17.607	149.867
12/15/2015 1:15:00 AM 14.773	1170900.000	65.761	17.607	149.890
12/15/2015 1:30:00 AM 14.776	1171800.000	65.753	17.602	149.871
12/15/2015 1:45:00 AM 14.775	1172700.000	65.744	17.605	149.852
12/15/2015 2:00:00 AM 14.771	1173600.000	65.748	17.597	149.859
12/15/2015 2:15:00 AM 14.775	1174500.000	65.750	17.613	149.864
12/15/2015 2:30:00 AM 14.779	1175400.000	65.738	17.624	149.837
12/15/2015 2:45:00 AM 14.780	1176300.000	65.745	17.608	149.853
12/15/2015 3:00:00 AM 14.782	1177200.000	65.736	17.605	149.832

12/15/2015 3:15:00 AM 14.783	1178100.000	65.746	17.600	149.856
12/15/2015 3:30:00 AM 14.782	1179000.000	65.747	17.591	149.858
12/15/2015 3:45:00 AM 14.789	1179900.000	65.738	17.596	149.836
12/15/2015 4:00:00 AM 14.780	1180800.000	65.752	17.616	149.870
12/15/2015 4:15:00 AM 14.791	1181700.000	65.740	17.605	149.842
12/15/2015 4:30:00 AM 14.786	1182600.000	65.735	17.608	149.830
12/15/2015 4:45:00 AM 14.792	1183500.000	65.730	17.599	149.818
12/15/2015 5:00:00 AM 14.788	1184400.000	65.746	17.600	149.856
12/15/2015 5:15:00 AM 14.790	1185300.000	65.748	17.601	149.860
12/15/2015 5:30:00 AM 14.790	1186200.000	65.745	17.610	149.854
12/15/2015 5:45:00 AM 14.787	1187100.000	65.739	17.605	149.840
12/15/2015 6:00:00 AM 14.798	1188000.000	65.737	17.593	149.836
12/15/2015 6:15:00 AM 14.797	1188900.000	65.740	17.605	149.843
12/15/2015 6:30:00 AM 14.800	1189800.000	65.729	17.599	149.817
12/15/2015 6:45:00 AM 14.791	1190700.000	65.736	17.616	149.832
12/15/2015 7:00:00 AM 14.803	1191600.000	65.733	17.603	149.827
12/15/2015 7:15:00 AM 14.800	1192500.000	65.737	17.599	149.835
12/15/2015 7:30:00 AM 14.799	1193400.000	65.734	17.593	149.828
12/15/2015 7:45:00 AM 14.803	1194300.000	65.739	17.594	149.840
12/15/2015 8:00:00 AM 14.806	1195200.000	65.730	17.604	149.820
12/15/2015 8:15:00 AM 14.804	1196100.000	65.723	17.602	149.803
12/15/2015 8:30:00 AM 14.805	1197000.000	65.725	17.601	149.806
12/15/2015 8:45:00 AM 14.813	1197900.000	65.717	17.621	149.790
12/15/2015 9:00:00 AM 14.810	1198800.000	65.723	17.599	149.802
12/15/2015 9:15:00 AM 14.812	1199700.000	65.723	17.609	149.803
12/15/2015 9:30:00 AM 14.819	1200600.000	65.734	17.605	149.828
12/15/2015 9:45:00 AM 14.813	1201500.000	65.734	17.602	149.828

12/15/2015 10:00:00 AM 14.815	1202400.000	65.722	17.605	149.802
12/15/2015 10:15:00 AM 14.808	1203300.000	65.733	17.602	149.826
12/15/2015 10:30:00 AM 14.816	1204200.000	65.716	17.599	149.787
12/15/2015 10:45:00 AM 14.805	1205100.000	65.735	17.592	149.831
12/15/2015 11:00:00 AM 14.815	1206000.000	65.710	17.603	149.774
12/15/2015 11:15:00 AM 14.809	1206900.000	65.774	17.617	149.919
12/15/2015 11:30:00 AM 14.807	1207800.000	65.780	17.607	149.933
12/15/2015 11:45:00 AM 14.802	1208700.000	65.781	17.594	149.936
12/15/2015 12:00:00 PM 14.796	1209600.000	65.790	17.602	149.955
12/15/2015 12:15:00 PM 14.799	1210500.000	65.781	17.603	149.936
12/15/2015 12:30:00 PM 14.802	1211400.000	65.783	17.614	149.939
12/15/2015 12:45:00 PM 14.801	1212300.000	65.782	17.596	149.938
12/15/2015 1:00:00 PM 14.798	1213200.000	65.777	17.596	149.927
12/15/2015 1:15:00 PM 14.791	1214100.000	65.781	17.614	149.935
12/15/2015 1:30:00 PM 14.796	1215000.000	65.780	17.602	149.933
12/15/2015 1:45:00 PM 14.793	1215900.000	65.779	17.594	149.931
12/15/2015 2:00:00 PM 14.791	1216800.000	65.777	17.605	149.926
12/15/2015 2:15:00 PM 14.795	1217700.000	65.790	17.619	149.955
12/15/2015 2:30:00 PM 14.786	1218600.000	65.771	17.622	149.913
12/15/2015 2:45:00 PM 14.789	1219500.000	65.767	17.603	149.904
12/15/2015 3:00:00 PM 14.792	1220400.000	65.772	17.607	149.914
12/15/2015 3:15:00 PM 14.795	1221300.000	65.759	17.602	149.884
12/15/2015 3:30:00 PM 14.793	1222200.000	65.778	17.596	149.927
12/15/2015 3:45:00 PM 14.792	1223100.000	65.766	17.616	149.902
12/15/2015 4:00:00 PM 14.797	1224000.000	65.763	17.623	149.894
12/15/2015 4:15:00 PM 14.789	1224900.000	65.756	17.593	149.879
12/15/2015 4:30:00 PM 14.803	1225800.000	65.760	17.603	149.888

12/15/2015 4:45:00 PM 14.796	1226700.000	65.764	17.607	149.896
12/15/2015 5:00:00 PM 14.796	1227600.000	65.754	17.602	149.873
12/15/2015 5:15:00 PM 14.802	1228500.000	65.780	17.620	149.933
12/15/2015 5:30:00 PM 14.806	1229400.000	65.766	17.613	149.902
12/15/2015 5:45:00 PM 14.807	1230300.000	65.775	17.618	149.922
12/15/2015 6:00:00 PM 14.820	1231200.000	65.758	17.599	149.882
12/15/2015 6:15:00 PM 14.812	1232100.000	65.759	17.612	149.886
12/15/2015 6:30:00 PM 14.810	1233000.000	65.763	17.598	149.895
12/15/2015 6:45:00 PM 14.812	1233900.000	65.761	17.596	149.889
12/15/2015 7:00:00 PM 14.814	1234800.000	65.756	17.599	149.879
12/15/2015 7:15:00 PM 14.821	1235700.000	65.755	17.605	149.877
12/15/2015 7:30:00 PM 14.821	1236600.000	65.757	17.602	149.881
12/15/2015 7:45:00 PM 14.820	1237500.000	65.761	17.610	149.889
12/15/2015 8:00:00 PM 14.816	1238400.000	65.759	17.614	149.884
12/15/2015 8:15:00 PM 14.825	1239300.000	65.752	17.590	149.869
12/15/2015 8:30:00 PM 14.826	1240200.000	65.747	17.615	149.857
12/15/2015 8:45:00 PM 14.834	1241100.000	65.735	17.610	149.831
12/15/2015 9:00:00 PM 14.828	1242000.000	65.747	17.607	149.857
12/15/2015 9:15:00 PM 14.829	1242900.000	65.733	17.597	149.825
12/15/2015 9:30:00 PM 14.829	1243800.000	65.746	17.608	149.855
12/15/2015 9:45:00 PM 14.828	1244700.000	65.743	17.613	149.849
12/15/2015 10:00:00 PM 14.834	1245600.000	65.741	17.601	149.843
12/15/2015 10:15:00 PM 14.836	1246500.000	65.743	17.614	149.848
12/15/2015 10:30:00 PM 14.835	1247400.000	65.746	17.607	149.856
12/15/2015 10:45:00 PM 14.836	1248300.000	65.741	17.590	149.845
12/15/2015 11:00:00 PM 14.835	1249200.000	65.746	17.602	149.855
12/15/2015 11:15:00 PM 14.836	1250100.000	65.750	17.606	149.864

12/15/2015 11:30:00 PM 14.833	1251000.000	65.743	17.599	149.848
12/15/2015 11:45:00 PM 14.834	1251900.000	65.749	17.606	149.863
12/16/2015 12:00:00 AM 14.840	1252800.000	65.726	17.599	149.810
12/16/2015 12:15:00 AM 14.835	1253700.000	65.726	17.605	149.810
12/16/2015 12:30:00 AM 14.832	1254600.000	65.737	17.610	149.835
12/16/2015 12:45:00 AM 14.834	1255500.000	65.740	17.596	149.842
12/16/2015 1:00:00 AM 14.832	1256400.000	65.737	17.596	149.835
12/16/2015 1:15:00 AM 14.833	1257300.000	65.731	17.599	149.821
12/16/2015 1:30:00 AM 14.832	1258200.000	65.737	17.602	149.835
12/16/2015 1:45:00 AM 14.833	1259100.000	65.734	17.610	149.829
12/16/2015 2:00:00 AM 14.834	1260000.000	65.742	17.618	149.846
12/16/2015 2:15:00 AM 14.836	1260900.000	65.751	17.616	149.866
12/16/2015 2:30:00 AM 14.839	1261800.000	65.731	17.615	149.820
12/16/2015 2:45:00 AM 14.840	1262700.000	65.736	17.584	149.834
12/16/2015 3:00:00 AM 14.838	1263600.000	65.726	17.619	149.810
12/16/2015 3:15:00 AM 14.840	1264500.000	65.732	17.601	149.823
12/16/2015 3:30:00 AM 14.839	1265400.000	65.722	17.618	149.802
12/16/2015 3:45:00 AM 14.839	1266300.000	65.728	17.588	149.814
12/16/2015 4:00:00 AM 14.838	1267200.000	65.733	17.598	149.825
12/16/2015 4:15:00 AM 14.841	1268100.000	65.728	17.596	149.814
12/16/2015 4:30:00 AM 14.837	1269000.000	65.718	17.594	149.792
12/16/2015 4:45:00 AM 14.834	1269900.000	65.731	17.620	149.822
12/16/2015 5:00:00 AM 14.833	1270800.000	65.731	17.599	149.822
12/16/2015 5:15:00 AM 14.832	1271700.000	65.728	17.600	149.815
12/16/2015 5:30:00 AM 14.831	1272600.000	65.730	17.600	149.819
12/16/2015 5:45:00 AM 14.839	1273500.000	65.735	17.606	149.829
12/16/2015 6:00:00 AM 14.834	1274400.000	65.735	17.607	149.831

12/16/2015 6:15:00 AM 14.836	1275300.000	65.728	17.601	149.815
12/16/2015 6:30:00 AM 14.840	1276200.000	65.727	17.607	149.812
12/16/2015 6:45:00 AM 14.831	1277100.000	65.728	17.602	149.814
12/16/2015 7:00:00 AM 14.831	1278000.000	65.722	17.621	149.801
12/16/2015 7:15:00 AM 14.835	1278900.000	65.738	17.602	149.837
12/16/2015 7:30:00 AM 14.841	1279800.000	65.719	17.599	149.794
12/16/2015 7:45:00 AM 14.839	1280700.000	65.729	17.593	149.816
12/16/2015 8:00:00 AM 14.841	1281600.000	65.721	17.599	149.797
12/16/2015 8:15:00 AM 14.840	1282500.000	65.726	17.605	149.809
12/16/2015 8:30:00 AM 14.845	1283400.000	65.721	17.602	149.799
12/16/2015 8:45:00 AM 14.846	1284300.000	65.724	17.625	149.805
12/16/2015 9:00:00 AM 14.849	1285200.000	65.718	17.602	149.791
12/16/2015 9:15:00 AM 14.858	1286100.000	65.713	17.593	149.779
12/16/2015 9:30:00 AM 14.855	1287000.000	65.710	17.590	149.773
12/16/2015 9:45:00 AM 14.858	1287900.000	65.714	17.592	149.783
12/16/2015 10:00:00 AM 14.854	1288800.000	65.722	17.600	149.802
12/16/2015 10:15:00 AM 14.855	1289700.000	65.723	17.613	149.803
12/16/2015 10:30:00 AM 14.851	1290600.000	65.719	17.592	149.793
12/16/2015 10:45:00 AM 14.854	1291500.000	65.699	17.595	149.748
12/16/2015 11:00:00 AM 14.840	1292400.000	65.723	17.612	149.804
12/16/2015 11:15:00 AM 14.840	1293300.000	65.721	17.615	149.799
12/16/2015 11:30:00 AM 14.839	1294200.000	65.715	17.602	149.784
12/16/2015 11:45:00 AM 14.841	1295100.000	65.715	17.596	149.786
12/16/2015 12:00:00 PM 14.835	1296000.000	65.711	17.595	149.776
12/16/2015 12:15:00 PM 14.834	1296900.000	65.707	17.601	149.767
12/16/2015 12:30:00 PM 14.829	1297800.000	65.707	17.598	149.767
12/16/2015 12:45:00 PM 14.829	1298700.000	65.711	17.604	149.775

12/16/2015 1:00:00 PM 14.827	1299600.000	65.697	17.610	149.744
12/16/2015 1:15:00 PM 14.826	1300500.000	65.703	17.593	149.758
12/16/2015 1:30:00 PM 14.821	1301400.000	65.712	17.611	149.779
12/16/2015 1:45:00 PM 14.831	1302300.000	65.703	17.599	149.757
12/16/2015 2:00:00 PM 14.834	1303200.000	65.697	17.605	149.743
12/16/2015 2:15:00 PM 14.823	1304100.000	65.699	17.618	149.748
12/16/2015 2:30:00 PM 14.830	1305000.000	65.696	17.596	149.742
12/16/2015 2:45:00 PM 14.834	1305900.000	65.745	17.592	149.852
12/16/2015 3:00:00 PM 14.828	1306800.000	65.747	17.612	149.859
12/16/2015 3:15:00 PM 14.833	1307700.000	65.741	17.613	149.843
12/16/2015 3:30:00 PM 14.834	1308600.000	65.744	17.600	149.851
12/16/2015 3:45:00 PM 14.831	1309500.000	65.738	17.592	149.837
12/16/2015 4:00:00 PM 14.831	1310400.000	65.729	17.588	149.817
12/16/2015 4:15:00 PM 14.834	1311300.000	65.740	17.613	149.843
12/16/2015 4:30:00 PM 14.834	1312200.000	65.733	17.599	149.825
12/16/2015 4:45:00 PM 14.834	1313100.000	65.735	17.616	149.830
12/16/2015 5:00:00 PM 14.827	1314000.000	65.738	17.605	149.838
12/16/2015 5:15:00 PM 14.831	1314900.000	65.747	17.621	149.858
12/16/2015 5:30:00 PM 14.827	1315800.000	65.736	17.598	149.833
12/16/2015 5:45:00 PM 14.834	1316700.000	65.739	17.600	149.840
12/16/2015 6:00:00 PM 14.837	1317600.000	65.738	17.621	149.838
12/16/2015 6:15:00 PM 14.837	1318500.000	65.730	17.585	149.819
12/16/2015 6:30:00 PM 14.842	1319400.000	65.730	17.619	149.819
12/16/2015 6:45:00 PM 14.842	1320300.000	65.738	17.613	149.836
12/16/2015 7:00:00 PM 14.839	1321200.000	65.727	17.598	149.812
12/16/2015 7:15:00 PM 14.844	1322100.000	65.720	17.592	149.796
12/16/2015 7:30:00 PM 14.836	1323000.000	65.726	17.589	149.809

12/16/2015 7:45:00 PM 14.841	1323900.000	65.727	17.598	149.812
12/16/2015 8:00:00 PM 14.840	1324800.000	65.743	17.619	149.849
12/16/2015 8:15:00 PM 14.844	1325700.000	65.725	17.602	149.809
12/16/2015 8:30:00 PM 14.849	1326600.000	65.718	17.596	149.793
12/16/2015 8:45:00 PM 14.850	1327500.000	65.729	17.604	149.817
12/16/2015 9:00:00 PM 14.847	1328400.000	65.729	17.620	149.816
12/16/2015 9:15:00 PM 14.849	1329300.000	65.724	17.613	149.806
12/16/2015 9:30:00 PM 14.848	1330200.000	65.716	17.607	149.788
12/16/2015 9:45:00 PM 14.847	1331100.000	65.722	17.595	149.801
12/16/2015 10:00:00 PM 14.852	1332000.000	65.755	17.590	149.876
12/16/2015 10:15:00 PM 14.851	1332900.000	65.793	17.595	149.961
12/16/2015 10:30:00 PM 14.850	1333800.000	65.835	17.600	150.058
12/16/2015 10:45:00 PM 14.851	1334700.000	65.851	17.607	150.095
12/16/2015 11:00:00 PM 14.855	1335600.000	65.851	17.603	150.094
12/16/2015 11:15:00 PM 14.851	1336500.000	65.856	17.598	150.107
12/16/2015 11:30:00 PM 14.851	1337400.000	65.852	17.612	150.098
12/16/2015 11:45:00 PM 14.852	1338300.000	65.857	17.601	150.107

Report Date: 12/18/2015 1:48:10 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP TSW Trans 2_2015-12-17_11-19-31-944.wsl
Create Date: 12/17/2015 11:19:27 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

Log Data:

Record Count: 1533

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	
Elapsed Time	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#:
396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#:
SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#:
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity
(ohm-cm)	Water Density (g/cm3)				
12/10/2015 12:00:00 AM	734400.000		12.945	17.389	29.161
38201.422	44699.191	29.070		30.395	26.177
1.021					
12/10/2015 12:15:00 AM	735300.000		12.866	17.388	28.983
38196.758	44695.410	29.067		30.393	26.180
1.021					
12/10/2015 12:30:00 AM	736200.000		12.862	17.378	28.974
38140.309	44639.168	29.026		30.355	26.219
1.021					
12/10/2015 12:45:00 AM	737100.000		12.821	17.378	28.879
38135.215	44633.297	29.021		30.351	26.222
1.021					
12/10/2015 1:00:00 AM	738000.000		12.770	17.377	28.765
38130.457	44628.691	29.018		30.348	26.226
1.021					

12/10/2015 1:15:00 AM	738900.000	12.824	17.380	28.886
38063.750	44547.637	28.960	30.292	26.272
1.021				
12/10/2015 1:30:00 AM	739800.000	12.731	17.377	28.679
38053.730	44538.887	28.953	30.286	26.279
1.021				
12/10/2015 1:45:00 AM	740700.000	12.758	17.376	28.738
38000.508	44477.641	28.909	30.245	26.315
1.021				
12/10/2015 2:00:00 AM	741600.000	12.762	17.381	28.748
38118.094	44610.191	29.005	30.335	26.234
1.021				
12/10/2015 2:15:00 AM	742500.000	12.660	17.373	28.518
38146.305	44650.570	29.034	30.362	26.215
1.021				
12/10/2015 2:30:00 AM	743400.000	12.896	17.376	29.050
38093.129	44586.051	28.987	30.319	26.251
1.021				
12/10/2015 2:45:00 AM	744300.000	13.052	17.392	29.401
38169.816	44659.406	29.041	30.368	26.199
1.021				
12/10/2015 3:00:00 AM	745200.000	13.080	17.392	29.464
38202.375	44697.500	29.069	30.394	26.176
1.021				
12/10/2015 3:15:00 AM	746100.000	13.067	17.393	29.434
38218.316	44714.926	29.081	30.406	26.165
1.021				
12/10/2015 3:30:00 AM	747000.000	13.017	17.393	29.322
38170.219	44658.828	29.041	30.368	26.198
1.021				
12/10/2015 3:45:00 AM	747900.000	13.041	17.392	29.375
38186.551	44678.727	29.055	30.382	26.187
1.021				
12/10/2015 4:00:00 AM	748800.000	13.098	17.393	29.504
38178.309	44667.941	29.047	30.374	26.193
1.021				
12/10/2015 4:15:00 AM	749700.000	13.061	17.391	29.422
38167.027	44656.770	29.039	30.367	26.201
1.021				
12/10/2015 4:30:00 AM	750600.000	13.102	17.393	29.513
38164.004	44651.383	29.035	30.363	26.203
1.021				
12/10/2015 4:45:00 AM	751500.000	13.090	17.398	29.487
38185.441	44671.918	29.050	30.377	26.188
1.021				
12/10/2015 5:00:00 AM	752400.000	13.141	17.397	29.602
38218.461	44710.895	29.079	30.403	26.165
1.021				
12/10/2015 5:15:00 AM	753300.000	13.095	17.399	29.497
38187.258	44672.793	29.051	30.378	26.187
1.021				
12/10/2015 5:30:00 AM	754200.000	13.104	17.404	29.517
38203.219	44686.121	29.061	30.387	26.176
1.021				
12/10/2015 5:45:00 AM	755100.000	13.124	17.402	29.562
38128.922	44601.148	28.999	30.329	26.227
1.021				
12/10/2015 6:00:00 AM	756000.000	13.109	17.393	29.529

38148.156	44633.016	29.022	30.350	26.214
1.021				
12/10/2015 6:15:00 AM	756900.000	13.055	17.390	29.409
38111.859	44594.043	28.994	30.324	26.239
1.021				
12/10/2015 6:30:00 AM	757800.000	13.039	17.390	29.372
38159.684	44649.836	29.034	30.362	26.206
1.021				
12/10/2015 6:45:00 AM	758700.000	13.064	17.394	29.427
38212.215	44706.910	29.075	30.401	26.170
1.021				
12/10/2015 7:00:00 AM	759600.000	13.038	17.391	29.370
38121.836	44604.590	29.001	30.331	26.232
1.021				
12/10/2015 7:15:00 AM	760500.000	13.053	17.393	29.402
38235.219	44735.227	29.096	30.420	26.154
1.021				
12/10/2015 7:30:00 AM	761400.000	13.115	17.392	29.543
38148.422	44634.301	29.023	30.351	26.213
1.021				
12/10/2015 7:45:00 AM	762300.000	13.117	17.394	29.548
38206.195	44699.520	29.070	30.396	26.174
1.021				
12/10/2015 8:00:00 AM	763200.000	13.176	17.398	29.680
38194.059	44681.898	29.058	30.384	26.182
1.021				
12/10/2015 8:15:00 AM	764100.000	13.134	17.400	29.586
38222.992	44713.551	29.081	30.405	26.162
1.021				
12/10/2015 8:30:00 AM	765000.000	13.192	17.400	29.717
38174.602	44656.684	29.039	30.367	26.195
1.021				
12/10/2015 8:45:00 AM	765900.000	13.253	17.400	29.854
38154.141	44632.840	29.022	30.350	26.209
1.021				
12/10/2015 9:00:00 AM	766800.000	13.302	17.399	29.964
38153.914	44633.531	29.023	30.351	26.210
1.021				
12/10/2015 9:15:00 AM	767700.000	13.276	17.401	29.906
38165.617	44645.125	29.031	30.359	26.202
1.021				
12/10/2015 9:30:00 AM	768600.000	13.314	17.397	29.992
38157.078	44639.160	29.027	30.355	26.207
1.021				
12/10/2015 9:45:00 AM	769500.000	13.378	17.399	30.136
38066.730	44531.371	28.949	30.281	26.270
1.021				
12/10/2015 10:00:00 AM	770400.000	13.407	17.400	30.202
38161.016	44640.793	29.028	30.356	26.205
1.021				
12/10/2015 10:15:00 AM	771300.000	13.459	17.402	30.317
38128.051	44601.004	28.999	30.329	26.227
1.021				
12/10/2015 10:30:00 AM	772200.000	13.334	17.402	30.036
38168.977	44648.527	29.034	30.361	26.199
1.021				
12/10/2015 10:45:00 AM	773100.000	13.389	17.403	30.161
38170.508	44649.621	29.035	30.362	26.198

1.021					
12/10/2015 11:00:00 AM	774000.000	13.448	17.401	30.292	
38137.789	44612.820	29.008	30.337	26.221	
1.021					
12/10/2015 11:15:00 AM	774900.000	13.376	17.402	30.130	
38167.324	44646.324	29.032	30.360	26.200	
1.021					
12/10/2015 11:30:00 AM	775800.000	13.290	17.399	29.936	
38173.996	44657.551	29.040	30.367	26.196	
1.021					
12/10/2015 11:45:00 AM	776700.000	13.264	17.396	29.879	
38180.992	44668.887	29.048	30.375	26.191	
1.021					
12/10/2015 12:00:00 PM	777600.000	13.250	17.397	29.847	
38177.332	44663.480	29.044	30.371	26.194	
1.021					
12/10/2015 12:15:00 PM	778500.000	13.203	17.396	29.742	
38216.563	44710.430	29.078	30.403	26.167	
1.021					
12/10/2015 12:30:00 PM	779400.000	13.146	17.394	29.612	
38241.766	44741.219	29.100	30.424	26.149	
1.021					
12/10/2015 12:45:00 PM	780300.000	13.106	17.390	29.522	
38241.207	44744.781	29.103	30.426	26.150	
1.021					
12/10/2015 1:00:00 PM	781200.000	13.069	17.388	29.438	
38136.324	44624.172	29.015	30.344	26.222	
1.021					
12/10/2015 1:15:00 PM	782100.000	13.054	17.381	29.406	
38130.082	44623.605	29.015	30.344	26.226	
1.021					
12/10/2015 1:30:00 PM	783000.000	12.971	17.375	29.219	
38058.934	44546.199	28.958	30.291	26.275	
1.021					
12/10/2015 1:45:00 PM	783900.000	12.889	17.376	29.034	
38152.754	44655.313	29.037	30.366	26.210	
1.021					
12/10/2015 2:00:00 PM	784800.000	12.876	17.372	29.005	
38189.430	44701.844	29.071	30.397	26.185	
1.021					
12/10/2015 2:15:00 PM	785700.000	12.904	17.369	29.067	
38141.094	44648.684	29.032	30.361	26.218	
1.021					
12/10/2015 2:30:00 PM	786600.000	12.866	17.367	28.981	
38107.082	44610.445	29.004	30.335	26.242	
1.021					
12/10/2015 2:45:00 PM	787500.000	12.881	17.365	29.015	
38098.703	44602.828	28.999	30.330	26.248	
1.021					
12/10/2015 3:00:00 PM	788400.000	12.903	17.370	29.066	
38112.402	44613.695	29.007	30.337	26.238	
1.021					
12/10/2015 3:15:00 PM	789300.000	13.166	17.390	29.657	
38149.223	44637.238	29.025	30.353	26.213	
1.021					
12/10/2015 3:30:00 PM	790200.000	13.190	17.397	29.713	
38177.906	44663.875	29.045	30.371	26.193	
1.021					

12/10/2015 3:45:00 PM	791100.000	13.207	17.395	29.750
38232.168	44729.117	29.092	30.416	26.156
1.021				
12/10/2015 4:00:00 PM	792000.000	13.218	17.392	29.774
38231.180	44731.027	29.093	30.417	26.157
1.021				
12/10/2015 4:15:00 PM	792900.000	13.183	17.394	29.695
38235.574	44734.766	29.096	30.420	26.154
1.021				
12/10/2015 4:30:00 PM	793800.000	13.238	17.394	29.821
38255.457	44757.586	29.112	30.435	26.140
1.021				
12/10/2015 4:45:00 PM	794700.000	13.172	17.395	29.672
38187.770	44677.785	29.054	30.381	26.186
1.021				
12/10/2015 5:00:00 PM	795600.000	13.160	17.394	29.645
38253.934	44755.719	29.111	30.434	26.141
1.021				
12/10/2015 5:15:00 PM	796500.000	13.170	17.394	29.666
38200.949	44693.379	29.066	30.391	26.177
1.021				
12/10/2015 5:30:00 PM	797400.000	13.129	17.353	29.574
38239.754	44779.922	29.126	30.450	26.151
1.021				
12/10/2015 5:45:00 PM	798300.000	13.213	17.391	29.764
38239.027	44741.262	29.100	30.424	26.151
1.021				
12/10/2015 6:00:00 PM	799200.000	13.150	17.391	29.621
38170.078	44660.762	29.042	30.369	26.199
1.021				
12/10/2015 6:15:00 PM	800100.000	13.086	17.392	29.477
38235.445	44736.637	29.097	30.421	26.154
1.021				
12/10/2015 6:30:00 PM	801000.000	13.097	17.387	29.503
38159.902	44652.809	29.036	30.364	26.206
1.021				
12/10/2015 6:45:00 PM	801900.000	13.061	17.381	29.421
38130.020	44623.883	29.015	30.344	26.226
1.021				
12/10/2015 7:00:00 PM	802800.000	13.036	17.383	29.364
38178.988	44678.648	29.054	30.381	26.192
1.021				
12/10/2015 7:15:00 PM	803700.000	13.114	17.382	29.542
38180.344	44681.906	29.057	30.384	26.191
1.021				
12/10/2015 7:30:00 PM	804600.000	13.088	17.380	29.481
38126.086	44619.895	29.012	30.342	26.229
1.021				
12/10/2015 7:45:00 PM	805500.000	13.097	17.383	29.502
38207.191	44712.000	29.079	30.404	26.173
1.021				
12/10/2015 8:00:00 PM	806400.000	13.111	17.384	29.533
38196.605	44698.914	29.069	30.395	26.180
1.021				
12/10/2015 8:15:00 PM	807300.000	13.101	17.385	29.512
38185.059	44684.617	29.059	30.386	26.188
1.021				
12/10/2015 8:30:00 PM	808200.000	13.096	17.381	29.500

38150.926	44648.348	29.032	30.361	26.212
1.021				
12/10/2015 8:45:00 PM	809100.000	13.107	17.386	29.524
38233.145	44739.918	29.099	30.423	26.155
1.021				
12/10/2015 9:00:00 PM	810000.000	13.153	17.390	29.628
38219.246	44719.695	29.084	30.409	26.165
1.021				
12/10/2015 9:15:00 PM	810900.000	13.134	17.386	29.586
38197.125	44696.891	29.068	30.394	26.180
1.021				
12/10/2015 9:30:00 PM	811800.000	13.154	17.391	29.630
38261.363	44767.750	29.119	30.442	26.136
1.021				
12/10/2015 9:45:00 PM	812700.000	13.189	17.389	29.710
38218.492	44719.789	29.084	30.409	26.165
1.021				
12/10/2015 10:00:00 PM	813600.000	13.234	17.390	29.812
38169.117	44660.965	29.042	30.369	26.199
1.021				
12/10/2015 10:15:00 PM	814500.000	13.249	17.387	29.846
38120.582	44606.875	29.003	30.333	26.233
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12/10/2015 10:30:00 PM	815400.000	13.209	17.388	29.754
38142.645	44631.477	29.021	30.349	26.217
1.021				
12/10/2015 10:45:00 PM	816300.000	13.279	17.388	29.912
38152.332	44643.328	29.029	30.357	26.211
1.021				
12/10/2015 11:00:00 PM	817200.000	13.290	17.387	29.936
38167.434	44661.973	29.043	30.370	26.200
1.021				
12/10/2015 11:15:00 PM	818100.000	13.275	17.385	29.903
38173.844	44671.492	29.049	30.377	26.196
1.021				
12/10/2015 11:30:00 PM	819000.000	13.331	17.386	30.030
38166.906	44661.707	29.042	30.370	26.201
1.021				
12/10/2015 11:45:00 PM	819900.000	13.285	17.384	29.925
38205.152	44708.656	29.076	30.402	26.174
1.021				
12/11/2015 12:00:00 AM	820800.000	13.190	17.383	29.712
38225.965	44733.621	29.094	30.419	26.160
1.021				
12/11/2015 12:15:00 AM	821700.000	13.221	17.384	29.782
38201.367	44704.660	29.073	30.399	26.177
1.021				
12/11/2015 12:30:00 AM	822600.000	13.249	17.384	29.845
38143.723	44636.680	29.024	30.353	26.217
1.021				
12/11/2015 12:45:00 AM	823500.000	13.207	17.385	29.750
38210.285	44714.137	29.080	30.406	26.171
1.021				
12/11/2015 1:00:00 AM	824400.000	13.239	17.383	29.823
38242.180	44752.781	29.108	30.432	26.149
1.021				
12/11/2015 1:15:00 AM	825300.000	13.174	17.383	29.675
38237.324	44747.266	29.104	30.428	26.152

1.021				
12/11/2015 1:30:00 AM	826200.000	13.115	17.381	29.543
38248.324	44762.078	29.115	30.438	26.145
1.021				
12/11/2015 1:45:00 AM	827100.000	13.163	17.379	29.652
38228.043	44740.180	29.099	30.423	26.159
1.021				
12/11/2015 2:00:00 AM	828000.000	13.188	17.382	29.707
38248.676	44761.594	29.114	30.438	26.145
1.021				
12/11/2015 2:15:00 AM	828900.006	13.179	17.382	29.687
38258.867	44773.445	29.123	30.446	26.138
1.021				
12/11/2015 2:30:00 AM	829800.000	13.203	17.380	29.742
38226.836	44737.895	29.097	30.422	26.160
1.021				
12/11/2015 2:45:00 AM	830700.000	13.191	17.380	29.715
38204.691	44712.074	29.078	30.404	26.175
1.021				
12/11/2015 3:00:00 AM	831600.000	13.406	17.385	30.199
38233.004	44740.547	29.099	30.424	26.155
1.021				
12/11/2015 3:15:00 AM	832500.000	13.330	17.387	30.027
38213.566	44715.344	29.081	30.406	26.169
1.021				
12/11/2015 3:30:00 AM	833400.000	13.549	17.385	30.520
38154.867	44648.934	29.033	30.361	26.209
1.021				
12/11/2015 3:45:00 AM	834300.000	13.540	17.384	30.500
38155.734	44651.352	29.035	30.363	26.208
1.021				
12/11/2015 4:00:00 AM	835200.001	13.591	17.382	30.614
38186.375	44688.785	29.062	30.388	26.187
1.021				
12/11/2015 4:15:00 AM	836100.000	13.629	17.385	30.701
38199.785	44701.313	29.071	30.397	26.178
1.021				
12/11/2015 4:30:00 AM	837000.000	13.641	17.384	30.728
38228.023	44735.773	29.096	30.420	26.159
1.021				
12/11/2015 4:45:00 AM	837900.000	13.612	17.382	30.663
38251.516	44765.109	29.117	30.440	26.143
1.021				
12/11/2015 5:00:00 AM	838800.000	13.690	17.383	30.838
38191.875	44694.348	29.066	30.392	26.184
1.021				
12/11/2015 5:15:00 AM	839700.000	13.683	17.382	30.823
38315.867	44840.504	29.171	30.492	26.099
1.021				
12/11/2015 5:30:00 AM	840600.000	13.648	17.380	30.744
38199.820	44706.727	29.075	30.401	26.178
1.021				
12/11/2015 5:45:00 AM	841500.000	13.648	17.381	30.743
38245.133	44758.867	29.112	30.436	26.147
1.021				
12/11/2015 6:00:00 AM	842400.000	13.703	17.380	30.868
38286.176	44807.254	29.147	30.469	26.119
1.021				

12/11/2015 6:15:00 AM	843300.000	13.730	17.378	30.929
38252.348	44769.680	29.120	30.443	26.142
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12/11/2015 6:30:00 AM	844200.000	13.754	17.379	30.982
38253.672	44770.449	29.121	30.444	26.141
1.021				
12/11/2015 6:45:00 AM	845100.000	13.727	17.380	30.921
38323.195	44851.367	29.179	30.499	26.094
1.021				
12/11/2015 7:00:00 AM	846000.000	13.775	17.377	31.029
38317.227	44846.406	29.175	30.496	26.098
1.021				
12/11/2015 7:15:00 AM	846900.000	13.785	17.375	31.051
38320.230	44852.840	29.180	30.500	26.096
1.021				
12/11/2015 7:30:00 AM	847800.000	13.751	17.377	30.976
38328.574	44860.133	29.185	30.505	26.090
1.021				
12/11/2015 7:45:00 AM	848700.000	13.937	17.373	31.394
38312.977	44845.934	29.175	30.495	26.101
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12/11/2015 8:00:00 AM	849600.000	13.933	17.370	31.386
38211.441	44730.059	29.091	30.416	26.170
1.021				
12/11/2015 8:15:00 AM	850500.000	13.895	17.370	31.301
38241.672	44765.281	29.116	30.440	26.149
1.021				
12/11/2015 8:30:00 AM	851400.000	13.997	17.370	31.529
38254.832	44780.598	29.127	30.451	26.140
1.021				
12/11/2015 8:45:00 AM	852300.000	14.073	17.368	31.701
38295.563	44830.473	29.163	30.485	26.113
1.021				
12/11/2015 9:00:00 AM	853200.000	14.114	17.367	31.793
38317.059	44856.785	29.182	30.503	26.098
1.021				
12/11/2015 9:15:00 AM	854100.000	14.191	17.363	31.966
38289.762	44829.141	29.162	30.484	26.117
1.021				
12/11/2015 9:30:00 AM	855000.000	14.307	17.364	32.229
38282.902	44819.262	29.155	30.477	26.121
1.021				
12/11/2015 9:45:00 AM	855900.000	14.189	17.370	31.963
38246.949	44772.074	29.121	30.445	26.146
1.021				
12/11/2015 10:00:00 AM	856800.000	14.248	17.386	32.095
38337.352	44861.684	29.187	30.506	26.084
1.021				
12/11/2015 10:15:00 AM	857700.000	14.294	17.388	32.198
38259.758	44768.254	29.120	30.442	26.137
1.021				
12/11/2015 10:30:00 AM	858600.000	14.308	17.398	32.230
38250.832	44748.488	29.106	30.429	26.143
1.021				
12/11/2015 10:45:00 AM	859500.000	14.358	17.393	32.342
38207.652	44702.715	29.072	30.398	26.173
1.021				
12/11/2015 11:00:00 AM	860400.000	14.417	17.402	32.477

38242.063	44733.496	29.095	30.419	26.149
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12/11/2015 11:15:00 AM	861300.000	14.319	17.379	32.254
38371.141	44907.652	29.220	30.537	26.061
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12/11/2015 11:30:00 AM	862200.000	14.269	17.381	32.143
38348.203	44879.324	29.199	30.518	26.077
1.021				
12/11/2015 11:45:00 AM	863100.000	14.241	17.378	32.080
38347.809	44881.590	29.201	30.519	26.077
1.021				
12/11/2015 12:00:00 PM	864000.000	14.206	17.377	32.000
38375.871	44915.141	29.225	30.542	26.058
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12/11/2015 12:15:00 PM	864900.000	14.223	17.372	32.039
38366.973	44909.926	29.221	30.539	26.064
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12/11/2015 12:30:00 PM	865800.000	14.170	17.368	31.920
38503.457	45074.289	29.340	30.651	25.972
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12/11/2015 12:45:00 PM	866700.000	14.148	17.368	31.870
38555.035	45134.746	29.384	30.692	25.937
1.021				
12/11/2015 1:00:00 PM	867600.000	14.131	17.369	31.831
38549.047	45125.891	29.377	30.686	25.941
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12/11/2015 1:15:00 PM	868500.000	14.123	17.372	31.813
38545.750	45119.719	29.373	30.681	25.943
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12/11/2015 1:30:00 PM	869400.000	14.024	17.372	31.590
38599.281	45182.117	29.418	30.724	25.907
1.021				
12/11/2015 1:45:00 PM	870300.000	14.129	17.372	31.828
38562.625	45139.473	29.387	30.695	25.932
1.021				
12/11/2015 2:00:00 PM	871200.000	13.997	17.372	31.531
38621.012	45207.023	29.436	30.741	25.893
1.021				
12/11/2015 2:15:00 PM	872100.000	13.975	17.376	31.481
38620.750	45203.340	29.434	30.738	25.893
1.021				
12/11/2015 2:30:00 PM	873000.000	13.994	17.378	31.523
38615.840	45195.641	29.428	30.733	25.896
1.021				
12/11/2015 2:45:00 PM	873900.000	13.888	17.379	31.284
38652.348	45237.297	29.458	30.761	25.872
1.021				
12/11/2015 3:00:00 PM	874800.000	13.937	17.381	31.395
38698.988	45289.852	29.497	30.797	25.840
1.021				
12/11/2015 3:15:00 PM	875700.000	13.878	17.381	31.262
38657.695	45241.250	29.461	30.764	25.868
1.021				
12/11/2015 3:30:00 PM	876600.000	13.842	17.381	31.181
38733.250	45329.316	29.525	30.824	25.818
1.021				
12/11/2015 3:45:00 PM	877500.000	13.846	17.382	31.190
38730.648	45325.738	29.523	30.822	25.819

1.021				
12/11/2015 4:00:00 PM	878400.000	13.788	17.386	31.059
38704.324	45291.199	29.498	30.798	25.837
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12/11/2015 4:15:00 PM	879300.000	13.766	17.383	31.009
38708.547	45298.715	29.503	30.803	25.834
1.021				
12/11/2015 4:30:00 PM	880200.000	13.682	17.387	30.819
38714.691	45301.902	29.506	30.805	25.830
1.021				
12/11/2015 4:45:00 PM	881100.000	13.771	17.387	31.021
38771.547	45368.969	29.554	30.851	25.792
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12/11/2015 5:00:00 PM	882000.000	13.740	17.388	30.952
38703.648	45288.188	29.496	30.796	25.837
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12/11/2015 5:15:00 PM	882900.000	13.714	17.387	30.892
38750.938	45344.230	29.536	30.834	25.806
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12/11/2015 5:30:00 PM	883800.000	13.884	17.384	31.274
38619.480	45193.688	29.427	30.732	25.894
1.021				
12/11/2015 5:45:00 PM	884700.000	13.803	17.384	31.092
38656.164	45236.617	29.458	30.761	25.869
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12/11/2015 6:00:00 PM	885600.000	13.869	17.384	31.241
38648.484	45227.895	29.452	30.755	25.874
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12/11/2015 6:15:00 PM	886500.000	13.868	17.384	31.240
38655.176	45235.461	29.457	30.760	25.870
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12/11/2015 6:30:00 PM	887400.000	13.856	17.386	31.213
38709.563	45297.414	29.502	30.802	25.833
1.021				
12/11/2015 6:45:00 PM	888300.000	13.909	17.383	31.331
38660.469	45242.449	29.462	30.765	25.866
1.021				
12/11/2015 7:00:00 PM	889200.000	13.846	17.384	31.190
38695.293	45282.230	29.491	30.792	25.843
1.021				
12/11/2015 7:15:00 PM	890100.000	13.872	17.385	31.248
38688.969	45273.672	29.485	30.786	25.847
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12/11/2015 7:30:00 PM	891000.000	13.929	17.385	31.377
38665.781	45246.715	29.466	30.768	25.863
1.021				
12/11/2015 7:45:00 PM	891900.000	13.850	17.383	31.199
38700.016	45288.648	29.496	30.796	25.840
1.021				
12/11/2015 8:00:00 PM	892800.000	13.896	17.383	31.302
38669.645	45253.637	29.471	30.772	25.860
1.021				
12/11/2015 8:15:00 PM	893700.000	13.911	17.383	31.336
38612.598	45186.613	29.422	30.727	25.898
1.021				
12/11/2015 8:30:00 PM	894600.000	13.920	17.379	31.355
38656.129	45241.375	29.461	30.764	25.869
1.021				

12/11/2015 8:45:00 PM	895500.000	13.930	17.380	31.379
38643.457	45225.387	29.450	30.753	25.878
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12/11/2015 9:00:00 PM	896400.000	13.928	17.382	31.375
38611.160	45185.641	29.421	30.726	25.899
1.021				
12/11/2015 9:15:00 PM	897300.000	13.949	17.380	31.422
38639.988	45222.121	29.448	30.751	25.880
1.021				
12/11/2015 9:30:00 PM	898200.000	14.042	17.379	31.631
38629.852	45210.621	29.439	30.743	25.887
1.021				
12/11/2015 9:45:00 PM	899100.000	13.984	17.380	31.500
38675.020	45262.867	29.477	30.779	25.856
1.021				
12/11/2015 10:00:00 PM	900000.000	13.969	17.381	31.466
38635.184	45214.820	29.442	30.746	25.883
1.021				
12/11/2015 10:15:00 PM	900900.000	13.988	17.381	31.510
38589.672	45161.641	29.404	30.710	25.914
1.021				
12/11/2015 10:30:00 PM	901800.000	13.972	17.375	31.474
38577.406	45153.672	29.398	30.705	25.922
1.021				
12/11/2015 10:45:00 PM	902700.000	13.919	17.375	31.354
38594.328	45172.770	29.412	30.717	25.911
1.021				
12/11/2015 11:00:00 PM	903600.000	14.060	17.377	31.671
38560.641	45131.656	29.382	30.690	25.933
1.021				
12/11/2015 11:15:00 PM	904500.000	14.077	17.374	31.709
38560.074	45133.832	29.383	30.691	25.934
1.021				
12/11/2015 11:30:00 PM	905400.000	13.981	17.376	31.494
38630.328	45214.281	29.442	30.746	25.886
1.021				
12/11/2015 11:45:00 PM	906300.000	14.037	17.377	31.619
38620.578	45201.711	29.433	30.737	25.893
1.021				
12/12/2015 12:00:00 AM	907200.000	14.006	17.375	31.550
38583.156	45160.055	29.402	30.709	25.918
1.021				
12/12/2015 12:15:00 AM	908100.000	14.028	17.375	31.599
38616.066	45199.109	29.431	30.735	25.896
1.021				
12/12/2015 12:30:00 AM	909000.000	14.016	17.376	31.573
38601.520	45180.738	29.417	30.723	25.906
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12/12/2015 12:45:00 AM	909900.000	14.025	17.374	31.592
38612.355	45195.371	29.428	30.733	25.898
1.021				
12/12/2015 1:00:00 AM	910800.000	14.004	17.375	31.545
38647.090	45235.234	29.457	30.760	25.875
1.021				
12/12/2015 1:15:00 AM	911700.000	14.061	17.374	31.673
38660.117	45251.199	29.468	30.771	25.866
1.021				
12/12/2015 1:30:00 AM	912600.000	13.934	17.375	31.387

38643.020	45229.945	29.453	30.756	25.878
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12/12/2015 1:45:00 AM	913500.000	13.925	17.376	31.367
38663.473	45252.988	29.470	30.772	25.864
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12/12/2015 2:00:00 AM	914400.001	13.886	17.375	31.279
38691.863	45287.016	29.494	30.795	25.845
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12/12/2015 2:15:00 AM	915300.000	13.942	17.376	31.406
38658.293	45247.543	29.466	30.768	25.868
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12/12/2015 2:30:00 AM	916200.000	13.960	17.377	31.446
38694.008	45287.750	29.495	30.796	25.844
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12/12/2015 2:45:00 AM	917100.000	13.900	17.374	31.312
38638.105	45225.082	29.449	30.753	25.881
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12/12/2015 3:00:00 AM	918000.000	13.886	17.372	31.280
38666.316	45260.316	29.475	30.777	25.862
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12/12/2015 3:15:00 AM	918900.000	14.156	17.363	31.887
38582.285	45171.270	29.410	30.716	25.919
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12/12/2015 3:30:00 AM	919800.000	14.201	17.368	31.988
38536.918	45113.367	29.368	30.677	25.949
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12/12/2015 3:45:00 AM	920700.000	14.137	17.365	31.846
38536.363	45115.379	29.369	30.678	25.950
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12/12/2015 4:00:00 AM	921600.000	14.200	17.362	31.986
38586.793	45177.613	29.414	30.721	25.916
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12/12/2015 4:15:00 AM	922500.000	14.200	17.360	31.987
38576.703	45167.660	29.407	30.714	25.922
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12/12/2015 4:30:00 AM	923400.000	14.183	17.364	31.949
38565.348	45150.023	29.394	30.702	25.930
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12/12/2015 4:45:00 AM	924300.000	14.183	17.371	31.949
38588.969	45171.289	29.410	30.716	25.914
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12/12/2015 5:00:00 AM	925200.000	14.217	17.363	32.026
38587.445	45177.406	29.414	30.721	25.915
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12/12/2015 5:15:00 AM	926100.000	14.156	17.366	31.887
38582.500	45168.324	29.408	30.714	25.918
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12/12/2015 5:30:00 AM	927000.000	14.299	17.359	32.210
38562.449	45152.137	29.396	30.703	25.932
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12/12/2015 5:45:00 AM	927900.000	14.242	17.365	32.081
38542.410	45122.367	29.375	30.683	25.945
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12/12/2015 6:00:00 AM	928800.000	14.275	17.360	32.155
38620.863	45219.637	29.445	30.749	25.893
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12/12/2015 6:15:00 AM	929700.000	14.250	17.364	32.100
38612.953	45206.465	29.435	30.740	25.898

1.021				
12/12/2015 6:30:00 AM	930600.000	14.266	17.372	32.135
38620.727	45207.043	29.436	30.741	25.893
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12/12/2015 6:45:00 AM	931500.000	14.318	17.369	32.254
38578.629	45161.402	29.403	30.710	25.921
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12/12/2015 7:00:00 AM	932400.000	14.300	17.378	32.212
38556.402	45125.539	29.378	30.685	25.936
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12/12/2015 7:15:00 AM	933300.000	14.298	17.368	32.208
38617.082	45206.504	29.436	30.740	25.895
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12/12/2015 7:30:00 AM	934200.000	14.346	17.382	32.317
38612.176	45187.547	29.423	30.728	25.899
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12/12/2015 7:45:00 AM	935100.000	14.376	17.388	32.384
38624.199	45194.953	29.428	30.733	25.891
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12/12/2015 8:00:00 AM	936000.000	14.347	17.383	32.319
38516.352	45074.066	29.340	30.650	25.963
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12/12/2015 8:15:00 AM	936900.000	14.331	17.392	32.282
38584.035	45143.789	29.391	30.698	25.917
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12/12/2015 8:30:00 AM	937800.000	14.260	17.387	32.123
38685.082	45267.527	29.481	30.782	25.850
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12/12/2015 8:45:00 AM	938700.000	14.312	17.371	32.240
38576.395	45156.746	29.400	30.707	25.923
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12/12/2015 9:00:00 AM	939600.000	14.321	17.387	32.260
38624.531	45196.676	29.429	30.734	25.890
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12/12/2015 9:15:00 AM	940500.000	14.370	17.389	32.370
38557.324	45116.082	29.371	30.679	25.935
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12/12/2015 9:30:00 AM	941400.000	14.349	17.388	32.321
38549.398	45107.242	29.365	30.673	25.941
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38655.559	45228.621	29.453	30.755	25.870
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12/12/2015 10:00:00 AM	943200.000	14.389	17.394	32.412
38596.254	45156.398	29.401	30.706	25.909
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38586.367	45146.520	29.393	30.700	25.916
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12/12/2015 10:30:00 AM	945000.000	14.431	17.391	32.507
38570.367	45129.121	29.381	30.688	25.927
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12/12/2015 10:45:00 AM	945900.000	14.466	17.396	32.585
38612.355	45173.551	29.413	30.718	25.898
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12/12/2015 11:00:00 AM	946800.000	14.433	17.393	32.512
38582.594	45141.305	29.390	30.696	25.918
1.021				

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38594.609	45153.152	29.398	30.704	25.910
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38581.945	45141.344	29.390	30.696	25.919
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38601.496	45162.711	29.405	30.711	25.906
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12/12/2015 12:00:00 PM	950400.000	14.437	17.393	32.521
38639.418	45207.348	29.438	30.741	25.880
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12/12/2015 12:15:00 PM	951300.000	14.425	17.393	32.494
38549.328	45102.559	29.362	30.670	25.941
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38642.082	45209.039	29.439	30.742	25.879
1.021				
12/12/2015 12:45:00 PM	953100.000	14.454	17.390	32.558
38628.180	45197.219	29.430	30.734	25.888
1.021				
12/12/2015 1:00:00 PM	954000.000	14.401	17.390	32.439
38658.012	45232.125	29.455	30.758	25.868
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12/12/2015 1:15:00 PM	954900.000	14.427	17.389	32.499
38624.902	45194.523	29.428	30.732	25.890
1.021				
12/12/2015 1:30:00 PM	955800.000	14.351	17.380	32.327
38621.883	45200.578	29.432	30.736	25.892
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38674.566	45259.133	29.475	30.776	25.857
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12/12/2015 2:00:00 PM	957600.000	14.308	17.378	32.230
38662.367	45250.012	29.468	30.770	25.865
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12/12/2015 2:15:00 PM	958500.000	14.255	17.362	32.111
38732.230	45347.977	29.538	30.837	25.818
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12/12/2015 2:30:00 PM	959400.000	14.214	17.356	32.019
38797.145	45430.320	29.597	30.893	25.775
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12/12/2015 2:45:00 PM	960300.000	14.170	17.352	31.919
38820.965	45461.965	29.620	30.914	25.759
1.021				
12/12/2015 3:00:00 PM	961200.000	14.077	17.356	31.711
38792.094	45424.055	29.593	30.888	25.778
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38797.629	45430.355	29.597	30.893	25.775
1.021				
12/12/2015 3:30:00 PM	963000.000	14.043	17.361	31.634
38874.113	45515.172	29.659	30.950	25.724
1.021				
12/12/2015 3:45:00 PM	963900.000	13.979	17.359	31.488
38783.660	45411.402	29.584	30.880	25.784
1.021				
12/12/2015 4:00:00 PM	964800.000	13.907	17.363	31.327

38903.289	45546.914	29.682	30.972	25.705
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38845.809	45481.852	29.635	30.928	25.743
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38845.016	45478.867	29.633	30.926	25.743
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38845.883	45480.418	29.634	30.927	25.743
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12/12/2015 5:00:00 PM	968400.000	13.760	17.365	30.997
38828.273	45457.574	29.617	30.911	25.754
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38894.797	45536.691	29.675	30.965	25.710
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12/12/2015 5:30:00 PM	970200.000	13.762	17.365	31.001
38899.797	45540.859	29.678	30.968	25.707
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38873.410	45511.754	29.657	30.948	25.725
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12/12/2015 6:00:00 PM	972000.000	13.725	17.364	30.917
38882.211	45520.988	29.663	30.954	25.719
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38869.754	45506.938	29.653	30.945	25.727
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38865.074	45500.660	29.649	30.940	25.730
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38875.957	45515.543	29.659	30.951	25.723
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38956.844	45607.828	29.726	31.013	25.669
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38885.387	45523.270	29.665	30.956	25.717
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38926.285	45571.957	29.700	30.989	25.690
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38868.473	45504.277	29.651	30.943	25.728
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38909.832	45553.859	29.687	30.977	25.700
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38878.957	45518.785	29.662	30.953	25.721
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38866.453	45505.934	29.652	30.944	25.729
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12/12/2015 8:45:00 PM	981900.000	13.678	17.360	30.812
38851.168	45488.926	29.640	30.932	25.739

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38821.949	45455.883	29.616	30.910	25.759
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38851.816	45491.121	29.641	30.934	25.739
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38819.891	45455.074	29.615	30.909	25.760
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38801.625	45433.969	29.600	30.895	25.772
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38804.102	45436.766	29.602	30.897	25.770
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38777.523	45406.813	29.580	30.877	25.788
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38808.793	45443.332	29.607	30.901	25.767
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38777.859	45410.059	29.582	30.879	25.788
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12/12/2015 11:00:00 PM	990000.000	13.740	17.352	30.952
38753.539	45382.820	29.562	30.860	25.804
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38786.016	45419.070	29.589	30.885	25.782
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12/12/2015 11:30:00 PM	991800.000	13.787	17.350	31.058
38795.527	45434.043	29.599	30.895	25.776
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38759.512	45390.527	29.568	30.866	25.800
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12/13/2015 12:00:00 AM	993600.000	13.784	17.350	31.050
38733.410	45361.754	29.547	30.846	25.818
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38758.359	45389.625	29.567	30.865	25.801
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12/13/2015 12:30:00 AM	995400.000	13.775	17.349	31.028
38723.336	45350.313	29.539	30.838	25.824
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12/13/2015 12:45:00 AM	996300.000	13.765	17.349	31.007
38731.172	45359.492	29.545	30.844	25.819
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12/13/2015 1:00:00 AM	997200.000	13.710	17.351	30.884
38771.844	45405.418	29.579	30.876	25.792
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38783.000	45418.574	29.588	30.885	25.784
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12/13/2015 1:30:00 AM	999000.000	13.645	17.349	30.736
38765.246	45399.750	29.575	30.872	25.796
1.021				

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38749.977	45381.691	29.561	30.860	25.806
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38785.117	45421.852	29.591	30.887	25.783
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12/13/2015 2:15:00 AM	1001700.000	13.744	17.346	30.960
38710.961	45338.938	29.530	30.830	25.832
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38749.977	45382.047	29.562	30.860	25.806
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38708.555	45336.652	29.529	30.829	25.834
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12/13/2015 3:00:00 AM	1004400.000	13.636	17.349	30.717
38763.691	45397.395	29.573	30.870	25.797
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38739.484	45372.168	29.554	30.853	25.813
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12/13/2015 3:30:00 AM	1006200.000	13.924	17.337	31.365
38678.781	45310.863	29.509	30.811	25.854
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38645.121	45273.031	29.482	30.786	25.876
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12/13/2015 4:00:00 AM	1008000.000	13.902	17.336	31.316
38663.285	45293.688	29.497	30.800	25.864
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38646.641	45273.480	29.482	30.786	25.875
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38694.605	45330.738	29.524	30.825	25.843
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38652.785	45282.711	29.489	30.792	25.871
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12/13/2015 5:00:00 AM	1011600.000	13.823	17.334	31.137
38695.031	45332.203	29.525	30.826	25.843
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12/13/2015 5:15:00 AM	1012500.000	13.970	17.332	31.468
38656.469	45289.531	29.494	30.797	25.869
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38689.055	45325.742	29.520	30.822	25.847
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38717.652	45359.602	29.545	30.845	25.828
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38666.172	45300.629	29.502	30.804	25.862
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38663.609	45298.168	29.500	30.803	25.864
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12/13/2015 6:30:00 AM	1017000.000	13.921	17.329	31.357

38643.441	45277.469	29.485	30.789	25.878
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38607.008	45235.230	29.454	30.760	25.902
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38635.441	45269.609	29.479	30.783	25.883
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38678.902	45318.125	29.514	30.816	25.854
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12/13/2015 7:30:00 AM	1020600.000	13.915	17.327	31.345
38677.527	45319.277	29.515	30.817	25.855
1.021				
12/13/2015 7:45:00 AM	1021500.000	13.977	17.325	31.486
38581.551	45208.512	29.435	30.742	25.919
1.021				
12/13/2015 8:00:00 AM	1022400.000	13.978	17.326	31.487
38653.086	45292.063	29.495	30.799	25.871
1.021				
12/13/2015 8:15:00 AM	1023300.000	13.969	17.324	31.467
38608.379	45241.727	29.459	30.764	25.901
1.021				
12/13/2015 8:30:00 AM	1024200.000	14.030	17.325	31.603
38626.563	45261.348	29.473	30.778	25.889
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12/13/2015 8:45:00 AM	1025100.000	13.986	17.324	31.505
38659.629	45300.992	29.502	30.805	25.867
1.021				
12/13/2015 9:00:00 AM	1026000.000	13.957	17.322	31.440
38600.168	45233.176	29.452	30.759	25.907
1.021				
12/13/2015 9:15:00 AM	1026900.000	13.980	17.324	31.492
38610.457	45243.902	29.460	30.766	25.900
1.021				
12/13/2015 9:30:00 AM	1027800.000	13.972	17.323	31.474
38593.793	45225.520	29.447	30.753	25.911
1.021				
12/13/2015 9:45:00 AM	1028700.000	14.025	17.323	31.593
38568.324	45195.414	29.425	30.733	25.928
1.021				
12/13/2015 10:00:00 AM	1029600.000	14.027	17.320	31.598
38506.500	45125.723	29.375	30.685	25.970
1.021				
12/13/2015 10:15:00 AM	1030500.000	13.994	17.322	31.522
38633.395	45272.375	29.481	30.785	25.884
1.021				
12/13/2015 10:30:00 AM	1031400.000	14.102	17.318	31.766
38623.195	45264.523	29.475	30.780	25.891
1.021				
12/13/2015 10:45:00 AM	1032300.000	14.076	17.317	31.708
38647.984	45294.371	29.496	30.800	25.875
1.021				
12/13/2015 11:00:00 AM	1033200.000	14.129	17.317	31.828
38609.133	45249.465	29.464	30.770	25.901
1.021				
12/13/2015 11:15:00 AM	1034100.000	14.054	17.318	31.658
38603.766	45242.012	29.459	30.765	25.904

1.021					
12/13/2015 11:30:00 AM	1035000.000	14.099	17.318	31.759	
38635.645	45279.016	29.485	30.790	25.883	
1.021					
12/13/2015 11:45:00 AM	1035900.000	14.091	17.314	31.740	
38586.516	45225.621	29.447	30.753	25.916	
1.021					
12/13/2015 12:00:00 PM	1036800.000	14.150	17.314	31.874	
38545.047	45177.285	29.411	30.721	25.944	
1.021					
12/13/2015 12:15:00 PM	1037700.000	14.142	17.312	31.857	
38597.902	45241.191	29.458	30.764	25.908	
1.021					
12/13/2015 12:30:00 PM	1038600.000	14.173	17.311	31.926	
38626.484	45275.410	29.482	30.787	25.889	
1.021					
12/13/2015 12:45:00 PM	1039500.000	14.180	17.307	31.942	
38566.262	45208.906	29.434	30.742	25.929	
1.021					
12/13/2015 1:00:00 PM	1040400.000	14.209	17.307	32.007	
38541.684	45180.363	29.413	30.723	25.946	
1.021					
12/13/2015 1:15:00 PM	1041300.000	14.260	17.306	32.123	
38543.844	45184.055	29.416	30.725	25.944	
1.021					
12/13/2015 1:30:00 PM	1042200.000	14.217	17.307	32.024	
38628.754	45282.434	29.487	30.792	25.887	
1.021					
12/13/2015 1:45:00 PM	1043100.000	14.225	17.306	32.042	
38643.074	45299.762	29.500	30.804	25.878	
1.021					
12/13/2015 2:00:00 PM	1044000.000	14.265	17.307	32.134	
38577.531	45222.574	29.444	30.751	25.922	
1.021					
12/13/2015 2:15:00 PM	1044900.000	14.134	17.308	31.839	
38595.809	45242.652	29.459	30.765	25.910	
1.021					
12/13/2015 2:30:00 PM	1045800.000	14.162	17.311	31.902	
38623.613	45272.129	29.480	30.785	25.891	
1.021					
12/13/2015 2:45:00 PM	1046700.000	14.102	17.313	31.765	
38623.266	45270.301	29.479	30.784	25.891	
1.021					
12/13/2015 3:00:00 PM	1047600.000	14.021	17.316	31.583	
38648.094	45295.656	29.497	30.801	25.874	
1.021					
12/13/2015 3:15:00 PM	1048500.000	13.989	17.315	31.512	
38731.297	45394.063	29.569	30.868	25.819	
1.021					
12/13/2015 3:30:00 PM	1049400.000	13.782	17.319	31.046	
38760.207	45423.836	29.590	30.888	25.800	
1.021					
12/13/2015 3:45:00 PM	1050300.000	13.725	17.322	30.916	
38759.609	45420.813	29.588	30.886	25.800	
1.021					
12/13/2015 4:00:00 PM	1051200.000	13.702	17.322	30.865	
38804.035	45472.520	29.626	30.921	25.771	
1.021					

12/13/2015 4:15:00 PM	1052100.000	13.687	17.324	30.831
38828.859	45499.191	29.645	30.939	25.754
1.021				
12/13/2015 4:30:00 PM	1053000.000	13.591	17.324	30.615
38805.238	45471.871	29.625	30.921	25.770
1.021				
12/13/2015 4:45:00 PM	1053900.000	13.512	17.323	30.436
38810.496	45479.195	29.631	30.926	25.766
1.021				
12/13/2015 5:00:00 PM	1054800.000	13.429	17.323	30.249
38814.590	45483.996	29.634	30.929	25.764
1.021				
12/13/2015 5:15:00 PM	1055700.000	13.434	17.322	30.262
38744.766	45403.063	29.575	30.874	25.810
1.021				
12/13/2015 5:30:00 PM	1056600.000	13.347	17.323	30.066
38826.906	45498.063	29.644	30.939	25.755
1.021				
12/13/2015 5:45:00 PM	1057500.000	13.378	17.323	30.135
38838.980	45512.125	29.655	30.948	25.747
1.021				
12/13/2015 6:00:00 PM	1058400.000	13.354	17.322	30.081
38855.703	45533.066	29.670	30.962	25.736
1.021				
12/13/2015 6:15:00 PM	1059300.000	13.301	17.323	29.961
38830.414	45502.266	29.647	30.942	25.753
1.021				
12/13/2015 6:30:00 PM	1060200.000	13.288	17.321	29.933
38850.137	45527.715	29.666	30.959	25.740
1.021				
12/13/2015 6:45:00 PM	1061100.000	13.324	17.319	30.014
38828.570	45504.684	29.649	30.943	25.754
1.021				
12/13/2015 7:00:00 PM	1062000.000	13.221	17.319	29.781
38858.668	45539.770	29.674	30.967	25.734
1.021				
12/13/2015 7:15:00 PM	1062900.000	13.258	17.316	29.865
38844.102	45525.914	29.664	30.958	25.744
1.021				
12/13/2015 7:30:00 PM	1063800.000	13.319	17.319	30.003
38827.512	45502.805	29.648	30.942	25.755
1.021				
12/13/2015 7:45:00 PM	1064700.000	13.276	17.318	29.905
38781.809	45450.410	29.610	30.906	25.785
1.021				
12/13/2015 8:00:00 PM	1065600.000	13.298	17.319	29.955
38806.023	45477.801	29.629	30.925	25.769
1.021				
12/13/2015 8:15:00 PM	1066500.000	13.314	17.319	29.991
38835.203	45512.531	29.655	30.949	25.750
1.021				
12/13/2015 8:30:00 PM	1067400.000	13.299	17.317	29.957
38780.195	45449.418	29.609	30.906	25.786
1.021				
12/13/2015 8:45:00 PM	1068300.000	13.339	17.318	30.047
38762.453	45427.453	29.593	30.891	25.798
1.021				
12/13/2015 9:00:00 PM	1069200.000	13.359	17.318	30.093

38777.059	45445.027	29.606	30.903	25.788
1.021				
12/13/2015 9:15:00 PM	1070100.000	13.346	17.319	30.063
38754.340	45417.691	29.586	30.884	25.804
1.021				
12/13/2015 9:30:00 PM	1071000.000	13.369	17.319	30.114
38750.129	45412.203	29.582	30.880	25.806
1.021				
12/13/2015 9:45:00 PM	1071900.000	13.373	17.317	30.124
38772.406	45440.816	29.603	30.900	25.792
1.021				
12/13/2015 10:00:00 PM	1072800.000	13.408	17.317	30.203
38750.129	45414.352	29.583	30.882	25.806
1.021				
12/13/2015 10:15:00 PM	1073700.000	13.436	17.317	30.265
38705.887	45362.590	29.546	30.847	25.836
1.021				
12/13/2015 10:30:00 PM	1074600.000	13.441	17.317	30.277
38691.207	45345.832	29.534	30.835	25.846
1.021				
12/13/2015 10:45:00 PM	1075500.000	13.467	17.313	30.336
38705.363	45365.902	29.548	30.849	25.836
1.021				
12/13/2015 11:00:00 PM	1076400.000	13.448	17.314	30.294
38757.215	45425.781	29.591	30.890	25.802
1.021				
12/13/2015 11:15:00 PM	1077300.000	13.483	17.314	30.372
38671.391	45325.285	29.519	30.821	25.859
1.021				
12/13/2015 11:30:00 PM	1078200.000	13.419	17.315	30.227
38738.129	45402.605	29.575	30.874	25.814
1.021				
12/13/2015 11:45:00 PM	1079100.000	13.447	17.314	30.291
38705.707	45365.859	29.548	30.849	25.836
1.021				
12/14/2015 12:00:00 AM	1080000.000	13.474	17.311	30.351
38700.754	45362.637	29.546	30.847	25.839
1.021				
12/14/2015 12:15:00 AM	1080900.000	13.500	17.313	30.409
38691.363	45349.848	29.536	30.838	25.846
1.021				
12/14/2015 12:30:00 AM	1081800.000	13.465	17.314	30.332
38681.938	45337.730	29.528	30.830	25.852
1.021				
12/14/2015 12:45:00 AM	1082700.000	13.431	17.312	30.256
38709.488	45372.262	29.553	30.853	25.833
1.021				
12/14/2015 1:00:00 AM	1083600.000	13.401	17.310	30.187
38730.160	45398.188	29.571	30.871	25.820
1.021				
12/14/2015 1:15:00 AM	1084500.000	13.450	17.311	30.297
38666.387	45322.266	29.516	30.819	25.862
1.021				
12/14/2015 1:30:00 AM	1085400.000	13.392	17.309	30.167
38701.895	45365.773	29.548	30.849	25.839
1.021				
12/14/2015 1:45:00 AM	1086300.000	13.370	17.310	30.116
38712.465	45377.805	29.556	30.857	25.831

1.021				
12/14/2015 2:00:00 AM	1087200.000	13.382	17.309	30.144
38698.156	45361.746	29.545	30.846	25.841
1.021				
12/14/2015 2:15:00 AM	1088100.000	13.338	17.308	30.046
38684.078	45346.395	29.534	30.836	25.850
1.021				
12/14/2015 2:30:00 AM	1089000.000	13.383	17.308	30.147
38698.855	45363.539	29.546	30.847	25.841
1.021				
12/14/2015 2:45:00 AM	1089900.000	13.390	17.305	30.161
38734.344	45408.176	29.578	30.878	25.817
1.021				
12/14/2015 3:00:00 AM	1090800.000	13.275	17.304	29.903
38696.086	45364.672	29.547	30.848	25.842
1.021				
12/14/2015 3:15:00 AM	1091700.000	13.284	17.305	29.923
38693.441	45359.961	29.543	30.845	25.844
1.021				
12/14/2015 3:30:00 AM	1092600.000	13.509	17.303	30.430
38680.566	45346.742	29.534	30.836	25.853
1.021				
12/14/2015 3:45:00 AM	1093500.000	13.689	17.304	30.837
38626.926	45283.496	29.488	30.793	25.889
1.021				
12/14/2015 4:00:00 AM	1094400.000	13.643	17.304	30.732
38540.316	45181.246	29.414	30.723	25.947
1.021				
12/14/2015 4:15:00 AM	1095300.000	13.555	17.305	30.533
38625.406	45280.820	29.486	30.791	25.890
1.021				
12/14/2015 4:30:00 AM	1096200.000	13.657	17.304	30.763
38615.289	45269.672	29.478	30.783	25.896
1.021				
12/14/2015 4:45:00 AM	1097100.000	13.676	17.304	30.808
38672.855	45337.609	29.527	30.830	25.858
1.021				
12/14/2015 5:00:00 AM	1098000.000	13.600	17.302	30.635
38610.211	45266.125	29.475	30.781	25.900
1.021				
12/14/2015 5:15:00 AM	1098900.000	13.653	17.303	30.755
38687.430	45355.230	29.540	30.842	25.848
1.021				
12/14/2015 5:30:00 AM	1099800.000	13.659	17.301	30.769
38629.727	45289.633	29.492	30.797	25.887
1.021				
12/14/2015 5:45:00 AM	1100700.000	13.715	17.302	30.894
38640.492	45301.184	29.501	30.805	25.880
1.021				
12/14/2015 6:00:00 AM	1101600.007	13.573	17.301	30.574
38650.188	45313.977	29.510	30.814	25.873
1.021				
12/14/2015 6:15:00 AM	1102500.000	13.662	17.299	30.774
38623.680	45284.066	29.488	30.793	25.891
1.021				
12/14/2015 6:30:00 AM	1103400.000	13.638	17.299	30.720
38676.574	45346.965	29.534	30.836	25.855
1.021				

12/14/2015 6:45:00 AM	1104300.000	13.669	17.299	30.792
38607.613	45266.016	29.475	30.781	25.902
1.021				
12/14/2015 7:00:00 AM	1105200.000	13.669	17.297	30.792
38612.832	45273.746	29.480	30.786	25.898
1.021				
12/14/2015 7:15:00 AM	1106100.000	13.707	17.299	30.877
38667.852	45336.289	29.526	30.829	25.861
1.021				
12/14/2015 7:30:00 AM	1107000.000	13.681	17.297	30.818
38697.945	45373.172	29.552	30.854	25.841
1.021				
12/14/2015 7:45:00 AM	1107900.000	13.728	17.295	30.923
38662.387	45334.164	29.524	30.827	25.865
1.021				
12/14/2015 8:00:00 AM	1108800.000	13.714	17.297	30.893
38685.945	45359.379	29.542	30.844	25.849
1.021				
12/14/2015 8:15:00 AM	1109700.000	13.823	17.293	31.137
38573.078	45231.672	29.450	30.758	25.925
1.021				
12/14/2015 8:30:00 AM	1110600.000	13.910	17.287	31.335
38619.070	45291.660	29.493	30.798	25.894
1.021				
12/14/2015 8:45:00 AM	1111500.000	13.935	17.286	31.389
38595.809	45265.277	29.474	30.780	25.910
1.021				
12/14/2015 9:00:00 AM	1112400.000	13.884	17.284	31.275
38505.199	45160.434	29.398	30.709	25.971
1.021				
12/14/2015 9:15:00 AM	1113300.000	14.008	17.284	31.555
38554.297	45218.625	29.440	30.749	25.937
1.021				
12/14/2015 9:30:00 AM	1114200.000	13.957	17.284	31.439
38576.105	45243.949	29.458	30.766	25.923
1.021				
12/14/2015 9:45:00 AM	1115100.000	13.936	17.283	31.392
38524.102	45184.375	29.415	30.725	25.958
1.021				
12/14/2015 10:00:00 AM	1116000.000	13.903	17.284	31.317
38587.930	45257.992	29.468	30.775	25.915
1.021				
12/14/2015 10:15:00 AM	1116900.000	13.975	17.286	31.480
38611.875	45284.121	29.487	30.793	25.899
1.021				
12/14/2015 10:30:00 AM	1117800.000	13.917	17.284	31.349
38611.246	45285.598	29.488	30.794	25.899
1.021				
12/14/2015 10:45:00 AM	1118700.000	13.975	17.284	31.480
38689.398	45376.371	29.554	30.856	25.847
1.021				
12/14/2015 11:00:00 AM	1119600.000	13.868	17.285	31.238
38684.332	45369.543	29.549	30.851	25.850
1.021				
12/14/2015 11:15:00 AM	1120500.000	13.837	17.287	31.168
38690.215	45374.566	29.553	30.855	25.846
1.021				
12/14/2015 11:30:00 AM	1121400.000	13.862	17.285	31.226

38643.992	45322.586	29.515	30.819	25.877
1.021				
12/14/2015 11:45:00 AM	1122300.000	13.868	17.287	31.240
38683.539	45366.656	29.547	30.849	25.851
1.021				
12/14/2015 12:00:00 PM	1123200.000	13.814	17.286	31.118
38732.332	45425.121	29.589	30.889	25.818
1.021				
12/14/2015 12:15:00 PM	1124100.000	13.811	17.285	31.111
38695.180	45382.883	29.559	30.860	25.843
1.021				
12/14/2015 12:30:00 PM	1125000.000	13.785	17.287	31.051
38704.992	45392.523	29.566	30.867	25.836
1.021				
12/14/2015 12:45:00 PM	1125900.000	13.863	17.287	31.227
38692.566	45377.676	29.555	30.857	25.845
1.021				
12/14/2015 1:00:00 PM	1126800.000	13.806	17.287	31.100
38673.902	45356.063	29.539	30.842	25.857
1.021				
12/14/2015 1:15:00 PM	1127700.000	13.777	17.289	31.034
38714.727	45401.707	29.573	30.873	25.830
1.021				
12/14/2015 1:30:00 PM	1128600.000	13.745	17.286	30.962
38765.598	45464.215	29.618	30.916	25.796
1.021				
12/14/2015 1:45:00 PM	1129500.000	13.737	17.290	30.944
38754.547	45447.598	29.606	30.904	25.803
1.021				
12/14/2015 2:00:00 PM	1130400.000	13.707	17.287	30.877
38778.250	45477.809	29.628	30.925	25.788
1.021				
12/14/2015 2:15:00 PM	1131300.000	13.747	17.287	30.966
38737.090	45429.266	29.593	30.892	25.815
1.021				
12/14/2015 2:30:00 PM	1132200.000	13.673	17.291	30.800
38783.504	45480.574	29.630	30.927	25.784
1.021				
12/14/2015 2:45:00 PM	1133100.000	13.698	17.288	30.857
38723.559	45412.598	29.581	30.881	25.824
1.021				
12/14/2015 3:00:00 PM	1134000.000	13.602	17.288	30.639
38788.398	45488.637	29.636	30.932	25.781
1.021				
12/14/2015 3:15:00 PM	1134900.000	13.582	17.289	30.595
38754.219	45447.660	29.606	30.904	25.804
1.021				
12/14/2015 3:30:00 PM	1135800.000	13.522	17.291	30.460
38770.688	45465.176	29.619	30.916	25.793
1.021				
12/14/2015 3:45:00 PM	1136700.000	13.542	17.289	30.504
38814.078	45517.859	29.657	30.952	25.764
1.021				
12/14/2015 4:00:00 PM	1137600.000	13.419	17.289	30.227
38827.277	45533.148	29.668	30.963	25.755
1.021				
12/14/2015 4:15:00 PM	1138500.000	13.415	17.289	30.218
38857.293	45568.188	29.693	30.986	25.735

1.021				
12/14/2015 4:30:00 PM	1139400.000	13.381	17.290	30.143
38794.980	45494.918	29.640	30.937	25.777
1.021				
12/14/2015 4:45:00 PM	1140300.000	13.363	17.289	30.103
38825.430	45531.168	29.667	30.961	25.756
1.021				
12/14/2015 5:00:00 PM	1141200.000	13.356	17.287	30.086
38805.961	45510.484	29.651	30.947	25.769
1.021				
12/14/2015 5:15:00 PM	1142100.000	13.323	17.287	30.012
38843.711	45555.113	29.684	30.977	25.744
1.021				
12/14/2015 5:30:00 PM	1143000.000	13.653	17.288	30.755
38782.406	45481.883	29.631	30.928	25.785
1.021				
12/14/2015 5:45:00 PM	1143900.000	13.623	17.289	30.687
38720.656	45408.660	29.578	30.878	25.826
1.021				
12/14/2015 6:00:00 PM	1144800.000	13.571	17.288	30.570
38793.785	45495.047	29.640	30.937	25.777
1.021				
12/14/2015 6:15:00 PM	1145700.000	13.533	17.288	30.485
38793.789	45495.055	29.640	30.937	25.777
1.021				
12/14/2015 6:30:00 PM	1146600.000	13.560	17.286	30.545
38770.570	45469.609	29.622	30.919	25.793
1.021				
12/14/2015 6:45:00 PM	1147500.000	13.578	17.288	30.586
38761.082	45457.035	29.613	30.911	25.799
1.021				
12/14/2015 7:00:00 PM	1148400.000	13.588	17.287	30.607
38787.238	45488.441	29.635	30.932	25.782
1.021				
12/14/2015 7:15:00 PM	1149300.000	13.648	17.286	30.743
38792.234	45494.930	29.640	30.937	25.778
1.021				
12/14/2015 7:30:00 PM	1150200.000	13.555	17.285	30.534
38750.719	45448.023	29.606	30.905	25.806
1.021				
12/14/2015 7:45:00 PM	1151100.000	13.610	17.285	30.657
38752.043	45449.402	29.607	30.906	25.805
1.021				
12/14/2015 8:00:00 PM	1152000.000	13.580	17.285	30.590
38784.172	45487.172	29.634	30.931	25.784
1.021				
12/14/2015 8:15:00 PM	1152900.000	13.501	17.285	30.412
38789.902	45493.355	29.639	30.935	25.780
1.021				
12/14/2015 8:30:00 PM	1153800.000	13.426	17.284	30.244
38775.574	45477.625	29.627	30.925	25.789
1.021				
12/14/2015 8:45:00 PM	1154700.000	13.396	17.285	30.177
38741.652	45436.852	29.598	30.897	25.812
1.021				
12/14/2015 9:00:00 PM	1155600.000	13.434	17.284	30.261
38830.688	45542.969	29.675	30.969	25.753
1.021				

12/14/2015 9:15:00 PM	1156500.000	13.419	17.284	30.229
38754.164	45452.605	29.609	30.908	25.804
1.021				
12/14/2015 9:30:00 PM	1157400.000	13.375	17.283	30.128
38799.660	45507.398	29.649	30.945	25.773
1.021				
12/14/2015 9:45:00 PM	1158300.000	13.349	17.283	30.070
38761.547	45462.871	29.617	30.915	25.799
1.021				
12/14/2015 10:00:00 PM	1159200.000	13.346	17.282	30.063
38817.406	45529.457	29.665	30.960	25.762
1.021				
12/14/2015 10:15:00 PM	1160100.000	13.416	17.282	30.222
38814.141	45525.098	29.662	30.957	25.764
1.021				
12/14/2015 10:30:00 PM	1161000.000	13.363	17.281	30.102
38786.383	45493.707	29.639	30.936	25.782
1.021				
12/14/2015 10:45:00 PM	1161900.000	13.382	17.281	30.144
38838.098	45553.906	29.683	30.977	25.748
1.021				
12/14/2015 11:00:00 PM	1162800.000	13.340	17.278	30.051
38766.031	45472.609	29.623	30.921	25.796
1.021				
12/14/2015 11:15:00 PM	1163700.000	13.382	17.283	30.144
38773.375	45476.477	29.627	30.924	25.791
1.021				
12/14/2015 11:30:00 PM	1164600.000	13.383	17.281	30.147
38774.719	45480.457	29.629	30.927	25.790
1.021				
12/14/2015 11:45:00 PM	1165500.000	13.387	17.278	30.155
38829.762	45547.363	29.678	30.972	25.753
1.021				
12/15/2015 12:00:00 AM	1166400.000	13.360	17.277	30.094
38765.332	45472.766	29.624	30.921	25.796
1.021				
12/15/2015 12:15:00 AM	1167300.000	13.337	17.279	30.042
38717.742	45415.434	29.582	30.882	25.828
1.021				
12/15/2015 12:30:00 AM	1168200.000	13.345	17.276	30.060
38761.398	45469.234	29.621	30.919	25.799
1.021				
12/15/2015 12:45:00 AM	1169100.000	13.361	17.276	30.098
38770.824	45480.559	29.629	30.927	25.793
1.021				
12/15/2015 1:00:00 AM	1170000.000	13.337	17.273	30.044
38778.258	45492.504	29.638	30.935	25.788
1.021				
12/15/2015 1:15:00 AM	1170900.000	13.297	17.269	29.953
38762.039	45477.410	29.626	30.925	25.798
1.021				
12/15/2015 1:30:00 AM	1171800.000	13.249	17.267	29.845
38773.125	45492.301	29.637	30.935	25.791
1.021				
12/15/2015 1:45:00 AM	1172700.000	13.253	17.270	29.853
38739.508	45450.262	29.607	30.906	25.813
1.021				
12/15/2015 2:00:00 AM	1173600.000	13.218	17.269	29.774

38711.691	45417.898	29.583	30.884	25.832
1.021				
12/15/2015 2:15:00 AM	1174500.000	13.315	17.270	29.993
38697.137	45400.551	29.571	30.872	25.842
1.021				
12/15/2015 2:30:00 AM	1175400.000	13.221	17.266	29.781
38736.797	45451.199	29.607	30.907	25.815
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12/15/2015 2:45:00 AM	1176300.000	13.201	17.268	29.736
38728.574	45438.785	29.598	30.898	25.821
1.021				
12/15/2015 3:00:00 AM	1177200.000	13.206	17.265	29.749
38669.516	45372.707	29.550	30.853	25.860
1.021				
12/15/2015 3:15:00 AM	1178100.000	13.166	17.268	29.657
38705.961	45412.781	29.580	30.881	25.836
1.021				
12/15/2015 3:30:00 AM	1179000.000	13.169	17.263	29.664
38700.656	45411.746	29.579	30.880	25.839
1.021				
12/15/2015 3:45:00 AM	1179900.000	13.480	17.271	30.366
38646.641	45339.609	29.527	30.831	25.875
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12/15/2015 4:00:00 AM	1180800.000	13.463	17.274	30.326
38633.348	45321.520	29.514	30.819	25.884
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12/15/2015 4:15:00 AM	1181700.000	13.466	17.272	30.334
38617.660	45304.813	29.502	30.807	25.895
1.021				
12/15/2015 4:30:00 AM	1182600.000	13.485	17.273	30.376
38674.398	45370.926	29.549	30.852	25.857
1.021				
12/15/2015 4:45:00 AM	1183500.000	13.504	17.272	30.420
38657.902	45352.465	29.536	30.840	25.868
1.021				
12/15/2015 5:00:00 AM	1184400.000	13.464	17.270	30.329
38680.109	45379.773	29.556	30.858	25.853
1.021				
12/15/2015 5:15:00 AM	1185300.000	13.493	17.269	30.395
38660.309	45358.242	29.540	30.844	25.866
1.021				
12/15/2015 5:30:00 AM	1186200.000	13.468	17.270	30.337
38660.555	45357.547	29.540	30.843	25.866
1.021				
12/15/2015 5:45:00 AM	1187100.000	13.414	17.269	30.217
38656.223	45352.820	29.536	30.840	25.869
1.021				
12/15/2015 6:00:00 AM	1188000.000	13.429	17.268	30.251
38657.742	45356.039	29.538	30.842	25.868
1.021				
12/15/2015 6:15:00 AM	1188900.000	13.453	17.269	30.304
38643.223	45338.367	29.526	30.830	25.878
1.021				
12/15/2015 6:30:00 AM	1189800.000	13.428	17.268	30.248
38572.934	45255.992	29.466	30.774	25.925
1.021				
12/15/2015 6:45:00 AM	1190700.000	13.453	17.266	30.305
38659.031	45359.324	29.541	30.844	25.867

1.021				
12/15/2015 7:00:00 AM	1191600.000	13.425	17.265	30.240
38656.020	45356.691	29.539	30.843	25.869
1.021				
12/15/2015 7:15:00 AM	1192500.000	13.443	17.267	30.282
38645.473	45342.445	29.529	30.833	25.876
1.021				
12/15/2015 7:30:00 AM	1193400.000	13.463	17.266	30.326
38619.289	45312.875	29.507	30.813	25.894
1.021				
12/15/2015 7:45:00 AM	1194300.000	13.481	17.265	30.367
38615.996	45310.086	29.505	30.811	25.896
1.021				
12/15/2015 8:00:00 AM	1195200.000	13.546	17.265	30.513
38638.727	45336.402	29.524	30.829	25.881
1.021				
12/15/2015 8:15:00 AM	1196100.000	13.558	17.263	30.540
38605.027	45299.445	29.497	30.804	25.903
1.021				
12/15/2015 8:30:00 AM	1197000.000	13.567	17.263	30.561
38668.473	45373.176	29.551	30.854	25.861
1.021				
12/15/2015 8:45:00 AM	1197900.000	13.671	17.260	30.796
38540.668	45226.508	29.444	30.754	25.947
1.021				
12/15/2015 9:00:00 AM	1198800.000	13.731	17.259	30.931
38584.156	45278.434	29.482	30.789	25.917
1.021				
12/15/2015 9:15:00 AM	1199700.000	13.797	17.261	31.079
38491.016	45167.262	29.401	30.714	25.980
1.021				
12/15/2015 9:30:00 AM	1200600.000	13.808	17.260	31.103
38577.742	45270.195	29.476	30.784	25.922
1.021				
12/15/2015 9:45:00 AM	1201500.000	13.747	17.258	30.966
38539.230	45226.789	29.444	30.754	25.948
1.021				
12/15/2015 10:00:00 AM	1202400.000	13.672	17.259	30.798
38591.367	45287.176	29.488	30.795	25.913
1.021				
12/15/2015 10:15:00 AM	1203300.000	13.653	17.261	30.755
38579.332	45271.355	29.477	30.785	25.921
1.021				
12/15/2015 10:30:00 AM	1204200.000	13.623	17.257	30.687
38567.152	45260.707	29.469	30.777	25.929
1.021				
12/15/2015 10:45:00 AM	1205100.000	13.603	17.260	30.642
38664.938	45372.336	29.550	30.853	25.863
1.021				
12/15/2015 11:00:00 AM	1206000.000	13.546	17.258	30.513
38580.961	45276.016	29.480	30.788	25.920
1.021				
12/15/2015 11:15:00 AM	1206900.000	13.571	17.259	30.570
38601.484	45299.211	29.497	30.803	25.906
1.021				
12/15/2015 11:30:00 AM	1207800.000	13.489	17.257	30.385
38639.676	45345.996	29.531	30.835	25.880
1.021				

12/15/2015 11:45:00 AM	1208700.000	13.546	17.258	30.514
38588.555	45285.289	29.487	30.794	25.914
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12/15/2015 12:00:00 PM	1209600.000	13.510	17.258	30.433
38614.887	45316.191	29.509	30.815	25.897
1.021				
12/15/2015 12:15:00 PM	1210500.000	13.537	17.257	30.494
38643.332	45350.559	29.534	30.838	25.878
1.021				
12/15/2015 12:30:00 PM	1211400.000	13.472	17.257	30.346
38642.766	45349.531	29.533	30.838	25.878
1.021				
12/15/2015 12:45:00 PM	1212300.000	13.439	17.256	30.272
38640.402	45348.090	29.532	30.837	25.880
1.021				
12/15/2015 1:00:00 PM	1213200.000	13.436	17.253	30.267
38606.738	45311.000	29.505	30.811	25.902
1.021				
12/15/2015 1:15:00 PM	1214100.000	13.431	17.256	30.256
38654.598	45364.852	29.544	30.848	25.870
1.021				
12/15/2015 1:30:00 PM	1215000.000	13.392	17.253	30.167
38640.266	45350.527	29.534	30.838	25.880
1.021				
12/15/2015 1:45:00 PM	1215900.000	13.359	17.252	30.092
38649.473	45362.227	29.542	30.846	25.874
1.021				
12/15/2015 2:00:00 PM	1216800.000	13.326	17.253	30.018
38660.961	45374.730	29.551	30.855	25.866
1.021				
12/15/2015 2:15:00 PM	1217700.000	13.390	17.250	30.161
38666.742	45384.910	29.558	30.862	25.862
1.021				
12/15/2015 2:30:00 PM	1218600.000	13.343	17.249	30.057
38670.566	45390.648	29.562	30.866	25.859
1.021				
12/15/2015 2:45:00 PM	1219500.000	13.301	17.247	29.963
38685.145	45409.102	29.576	30.878	25.850
1.021				
12/15/2015 3:00:00 PM	1220400.000	13.267	17.243	29.885
38645.652	45367.309	29.545	30.850	25.876
1.021				
12/15/2015 3:15:00 PM	1221300.000	13.133	17.246	29.584
38675.891	45399.496	29.569	30.872	25.856
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12/15/2015 3:30:00 PM	1222200.000	13.222	17.244	29.783
38689.168	45417.680	29.582	30.884	25.847
1.021				
12/15/2015 3:45:00 PM	1223100.000	13.173	17.238	29.673
38659.648	45388.211	29.560	30.864	25.867
1.021				
12/15/2015 4:00:00 PM	1224000.000	13.103	17.235	29.517
38665.246	45398.801	29.568	30.871	25.863
1.021				
12/15/2015 4:15:00 PM	1224900.000	13.087	17.232	29.480
38698.059	45440.016	29.597	30.899	25.841
1.021				
12/15/2015 4:30:00 PM	1225800.000	13.034	17.227	29.360

38684.098	45428.195	29.588	30.891	25.850
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12/15/2015 4:45:00 PM	1226700.000	13.010	17.223	29.306
38568.184	45296.988	29.493	30.802	25.928
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12/15/2015 5:00:00 PM	1227600.000	12.950	17.221	29.171
38609.793	45347.813	29.530	30.837	25.900
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12/15/2015 5:15:00 PM	1228500.000	12.929	17.217	29.124
38588.156	45326.520	29.514	30.822	25.915
1.021				
12/15/2015 5:30:00 PM	1229400.000	13.063	17.220	29.426
38634.828	45378.305	29.552	30.857	25.883
1.021				
12/15/2015 5:45:00 PM	1230300.000	13.205	17.239	29.746
38676.887	45408.094	29.575	30.878	25.855
1.021				
12/15/2015 6:00:00 PM	1231200.000	13.301	17.241	29.963
38716.426	45452.809	29.607	30.908	25.829
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12/15/2015 6:15:00 PM	1232100.000	13.289	17.242	29.936
38636.168	45357.426	29.538	30.843	25.882
1.021				
12/15/2015 6:30:00 PM	1233000.000	13.222	17.241	29.785
38648.930	45372.941	29.549	30.854	25.874
1.021				
12/15/2015 6:45:00 PM	1233900.000	13.241	17.240	29.826
38660.676	45387.988	29.560	30.864	25.866
1.021				
12/15/2015 7:00:00 PM	1234800.000	13.221	17.239	29.781
38640.746	45365.664	29.544	30.849	25.879
1.021				
12/15/2015 7:15:00 PM	1235700.000	13.242	17.241	29.830
38659.566	45385.516	29.558	30.862	25.867
1.021				
12/15/2015 7:30:00 PM	1236600.000	13.208	17.240	29.752
38643.969	45368.191	29.546	30.850	25.877
1.021				
12/15/2015 7:45:00 PM	1237500.000	13.227	17.237	29.794
38596.203	45314.887	29.507	30.814	25.909
1.021				
12/15/2015 8:00:00 PM	1238400.000	13.220	17.237	29.779
38604.168	45324.953	29.514	30.821	25.904
1.021				
12/15/2015 8:15:00 PM	1239300.000	13.208	17.238	29.752
38646.238	45372.742	29.549	30.853	25.876
1.021				
12/15/2015 8:30:00 PM	1240200.000	13.206	17.236	29.748
38667.699	45400.344	29.569	30.872	25.861
1.021				
12/15/2015 8:45:00 PM	1241100.000	13.127	17.228	29.570
38630.914	45364.844	29.543	30.848	25.886
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12/15/2015 9:00:00 PM	1242000.000	13.040	17.225	29.374
38616.699	45351.723	29.533	30.839	25.896
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12/15/2015 9:15:00 PM	1242900.000	13.006	17.220	29.296
38538.613	45264.844	29.470	30.780	25.948

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12/15/2015 9:30:00 PM	1243800.000	13.029	17.215	29.349
38409.914	45118.926	29.364	30.681	26.035
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12/15/2015 9:45:00 PM	1244700.000	13.035	17.219	29.363
38559.762	45290.668	29.488	30.798	25.934
1.021				
12/15/2015 10:00:00 PM	1245600.000	13.007	17.219	29.300
38606.707	45346.074	29.529	30.835	25.902
1.021				
12/15/2015 10:15:00 PM	1246500.000	12.999	17.214	29.281
38506.219	45233.215	29.447	30.759	25.970
1.021				
12/15/2015 10:30:00 PM	1247400.000	13.020	17.216	29.330
38564.867	45300.059	29.495	30.804	25.930
1.021				
12/15/2015 10:45:00 PM	1248300.000	12.969	17.212	29.213
38405.832	45116.531	29.362	30.679	26.038
1.021				
12/15/2015 11:00:00 PM	1249200.000	12.980	17.215	29.238
38526.922	45256.016	29.463	30.774	25.956
1.021				
12/15/2015 11:15:00 PM	1250100.000	12.931	17.213	29.129
38518.156	45248.051	29.457	30.769	25.962
1.021				
12/15/2015 11:30:00 PM	1251000.000	12.932	17.211	29.130
38526.840	45260.203	29.466	30.777	25.956
1.021				
12/15/2015 11:45:00 PM	1251900.000	12.966	17.213	29.208
38531.754	45263.480	29.468	30.779	25.953
1.021				
12/16/2015 12:00:00 AM	1252800.000	12.909	17.211	29.079
38505.234	45234.914	29.448	30.760	25.970
1.021				
12/16/2015 12:15:00 AM	1253700.000	12.894	17.211	29.045
38444.031	45162.922	29.395	30.711	26.012
1.021				
12/16/2015 12:30:00 AM	1254600.000	12.930	17.212	29.126
38525.305	45257.508	29.464	30.775	25.957
1.021				
12/16/2015 12:45:00 AM	1255500.000	12.969	17.210	29.213
38458.477	45180.598	29.408	30.723	26.002
1.021				
12/16/2015 1:00:00 AM	1256400.000	12.916	17.210	29.095
38487.008	45214.039	29.432	30.746	25.983
1.021				
12/16/2015 1:15:00 AM	1257300.000	12.905	17.206	29.070
38459.625	45186.680	29.412	30.727	26.001
1.021				
12/16/2015 1:30:00 AM	1258200.000	12.865	17.203	28.980
38469.879	45201.313	29.423	30.737	25.994
1.021				
12/16/2015 1:45:00 AM	1259100.000	12.857	17.196	28.962
38435.145	45167.453	29.398	30.714	26.018
1.021				
12/16/2015 2:00:00 AM	1260000.000	12.872	17.196	28.995
38349.309	45066.305	29.325	30.645	26.076
1.021				

12/16/2015 2:15:00 AM	1260900.000	12.900	17.192	29.058
38350.270	45071.531	29.328	30.649	26.075
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12/16/2015 2:30:00 AM	1261800.000	12.823	17.191	28.884
38360.777	45085.480	29.338	30.658	26.068
1.021				
12/16/2015 2:45:00 AM	1262700.000	12.849	17.195	28.944
38363.938	45084.746	29.338	30.658	26.066
1.021				
12/16/2015 3:00:00 AM	1263600.000	12.813	17.191	28.864
38377.746	45104.805	29.352	30.671	26.057
1.021				
12/16/2015 3:15:00 AM	1264500.000	12.803	17.190	28.839
38347.934	45071.367	29.328	30.649	26.077
1.021				
12/16/2015 3:30:00 AM	1265400.000	12.850	17.192	28.946
38343.625	45064.434	29.323	30.644	26.080
1.021				
12/16/2015 3:45:00 AM	1266300.000	12.856	17.189	28.960
38346.316	45070.266	29.327	30.648	26.078
1.021				
12/16/2015 4:00:00 AM	1267200.000	12.796	17.189	28.825
38309.531	45027.031	29.296	30.618	26.103
1.021				
12/16/2015 4:15:00 AM	1268100.000	13.001	17.200	29.286
38333.746	45044.914	29.309	30.631	26.087
1.021				
12/16/2015 4:30:00 AM	1269000.000	13.118	17.213	29.550
38479.434	45202.816	29.424	30.738	25.988
1.021				
12/16/2015 4:45:00 AM	1269900.000	13.113	17.214	29.537
38470.164	45190.504	29.416	30.730	25.994
1.021				
12/16/2015 5:00:00 AM	1270800.000	13.128	17.210	29.572
38343.746	45046.531	29.311	30.632	26.080
1.021				
12/16/2015 5:15:00 AM	1271700.000	13.157	17.213	29.638
38466.117	45186.461	29.413	30.727	25.997
1.021				
12/16/2015 5:30:00 AM	1272600.000	13.207	17.216	29.751
38461.090	45178.059	29.407	30.721	26.000
1.021				
12/16/2015 5:45:00 AM	1273500.000	13.128	17.218	29.572
38453.105	45166.457	29.398	30.713	26.006
1.021				
12/16/2015 6:00:00 AM	1274400.000	13.067	17.213	29.435
38455.492	45174.516	29.404	30.719	26.004
1.021				
12/16/2015 6:15:00 AM	1275300.000	13.118	17.207	29.549
38338.582	45043.223	29.309	30.629	26.083
1.021				
12/16/2015 6:30:00 AM	1276200.000	13.134	17.212	29.586
38493.875	45220.145	29.437	30.750	25.978
1.021				
12/16/2015 6:45:00 AM	1277100.000	13.130	17.215	29.578
38492.000	45215.266	29.434	30.746	25.979
1.021				
12/16/2015 7:00:00 AM	1278000.000	13.156	17.214	29.635

38453.512	45170.672	29.401	30.716	26.005
1.021				
12/16/2015 7:15:00 AM	1278900.000	13.149	17.212	29.620
38458.730	45179.395	29.407	30.722	26.002
1.021				
12/16/2015 7:30:00 AM	1279800.000	13.178	17.217	29.684
38470.496	45188.313	29.414	30.728	25.994
1.021				
12/16/2015 7:45:00 AM	1280700.000	13.176	17.212	29.680
38442.871	45160.766	29.394	30.709	26.013
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12/16/2015 8:00:00 AM	1281600.000	13.197	17.216	29.728
38479.754	45200.168	29.423	30.736	25.988
1.021				
12/16/2015 8:15:00 AM	1282500.000	13.253	17.214	29.854
38462.949	45182.027	29.409	30.724	25.999
1.021				
12/16/2015 8:30:00 AM	1283400.000	13.271	17.213	29.895
38440.594	45157.012	29.391	30.707	26.014
1.021				
12/16/2015 8:45:00 AM	1284300.000	13.339	17.211	30.048
38440.547	45158.922	29.393	30.708	26.014
1.021				
12/16/2015 9:00:00 AM	1285200.000	13.386	17.213	30.153
38410.227	45121.426	29.366	30.683	26.035
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12/16/2015 9:15:00 AM	1286100.000	13.428	17.216	30.248
38437.512	45150.641	29.387	30.702	26.016
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12/16/2015 9:30:00 AM	1287000.000	13.401	17.218	30.187
38384.305	45085.922	29.340	30.658	26.052
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12/16/2015 9:45:00 AM	1287900.000	13.511	17.217	30.435
38455.402	45170.309	29.401	30.716	26.004
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12/16/2015 10:00:00 AM	1288800.000	13.456	17.215	30.310
38385.285	45090.266	29.343	30.661	26.052
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12/16/2015 10:15:00 AM	1289700.000	13.435	17.213	30.263
38418.551	45130.941	29.372	30.689	26.029
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12/16/2015 10:30:00 AM	1290600.000	13.411	17.210	30.211
38410.063	45123.559	29.367	30.684	26.035
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12/16/2015 10:45:00 AM	1291500.000	13.287	17.209	29.929
38432.082	45150.566	29.386	30.702	26.020
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12/16/2015 11:00:00 AM	1292400.000	13.287	17.212	29.930
38465.090	45186.668	29.413	30.727	25.998
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12/16/2015 11:15:00 AM	1293300.000	13.205	17.205	29.746
38451.594	45177.953	29.406	30.721	26.007
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12/16/2015 11:30:00 AM	1294200.000	13.183	17.210	29.696
38530.059	45264.793	29.469	30.780	25.954
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12/16/2015 11:45:00 AM	1295100.000	13.193	17.206	29.719
38469.293	45197.496	29.420	30.734	25.995

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38477.031	45208.641	29.428	30.742	25.990
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12/16/2015 12:15:00 PM	1296900.000	13.130	17.199	29.577
38496.789	45236.754	29.448	30.761	25.976
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12/16/2015 12:30:00 PM	1297800.000	13.085	17.202	29.474
38516.035	45256.527	29.463	30.774	25.963
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12/16/2015 12:45:00 PM	1298700.000	13.149	17.198	29.620
38398.738	45122.797	29.366	30.684	26.043
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12/16/2015 1:00:00 PM	1299600.000	13.090	17.198	29.486
38492.434	45233.258	29.446	30.759	25.979
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38493.789	45229.227	29.443	30.756	25.978
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12/16/2015 1:30:00 PM	1301400.000	13.144	17.198	29.609
38424.207	45152.805	29.387	30.704	26.025
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12/16/2015 1:45:00 PM	1302300.000	13.082	17.201	29.469
38486.063	45222.734	29.438	30.751	25.983
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12/16/2015 2:00:00 PM	1303200.000	13.046	17.197	29.387
38441.938	45175.070	29.403	30.719	26.013
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12/16/2015 2:15:00 PM	1304100.000	13.076	17.197	29.454
38477.355	45216.074	29.433	30.747	25.989
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12/16/2015 2:30:00 PM	1305000.000	13.076	17.194	29.454
38440.027	45175.945	29.404	30.720	26.015
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38478.438	45220.469	29.436	30.750	25.989
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12/16/2015 3:00:00 PM	1306800.000	13.087	17.186	29.479
38326.891	45050.273	29.313	30.634	26.091
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38436.453	45180.930	29.407	30.723	26.017
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12/16/2015 3:30:00 PM	1308600.000	12.993	17.185	29.268
38468.266	45218.230	29.434	30.748	25.995
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38391.254	45127.984	29.369	30.687	26.048
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12/16/2015 4:00:00 PM	1310400.000	12.979	17.182	29.236
38458.320	45208.863	29.427	30.742	26.002
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38496.781	45251.574	29.458	30.771	25.976
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12/16/2015 4:30:00 PM	1312200.000	12.923	17.184	29.111
38461.789	45210.711	29.429	30.743	26.000
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38521.313	45286.488	29.483	30.795	25.960
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12/16/2015 5:00:00 PM	1314000.000	12.884	17.174	29.023
38450.320	45208.023	29.426	30.741	26.008
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12/16/2015 5:15:00 PM	1314900.000	12.881	17.167	29.016
38428.648	45188.961	29.412	30.728	26.022
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12/16/2015 5:30:00 PM	1315800.005	12.760	17.160	28.742
38277.762	45019.082	29.289	30.613	26.125
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12/16/2015 5:45:00 PM	1316700.000	12.755	17.159	28.732
38345.004	45099.328	29.347	30.668	26.079
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12/16/2015 6:00:00 PM	1317600.000	12.754	17.161	28.730
38390.445	45151.074	29.384	30.703	26.048
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12/16/2015 6:15:00 PM	1318500.000	12.736	17.161	28.688
38362.297	45117.711	29.360	30.680	26.067
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12/16/2015 6:30:00 PM	1319400.000	12.837	17.161	28.917
38388.152	45148.121	29.382	30.701	26.050
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12/16/2015 6:45:00 PM	1320300.000	13.028	17.177	29.346
38360.477	45099.090	29.347	30.667	26.068
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12/16/2015 7:00:00 PM	1321200.000	12.973	17.178	29.223
38425.016	45173.551	29.401	30.718	26.025
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12/16/2015 7:15:00 PM	1322100.000	13.007	17.179	29.300
38451.809	45204.148	29.424	30.739	26.007
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12/16/2015 7:30:00 PM	1323000.000	13.001	17.177	29.287
38556.352	45329.289	29.514	30.824	25.936
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12/16/2015 7:45:00 PM	1323900.000	12.977	17.178	29.233
38402.344	45147.699	29.383	30.700	26.040
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12/16/2015 8:00:00 PM	1324800.000	12.950	17.175	29.171
38435.777	45189.313	29.413	30.729	26.017
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12/16/2015 8:15:00 PM	1325700.000	12.893	17.174	29.043
38425.828	45178.863	29.405	30.722	26.024
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12/16/2015 8:30:00 PM	1326600.000	12.832	17.173	28.906
38452.090	45210.641	29.428	30.743	26.006
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38343.949	45093.551	29.343	30.664	26.080
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12/16/2015 9:00:00 PM	1328400.000	12.826	17.159	28.892
38319.258	45068.605	29.324	30.647	26.097
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12/16/2015 9:15:00 PM	1329300.000	12.762	17.159	28.748
38406.543	45171.266	29.399	30.716	26.037
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12/16/2015 9:30:00 PM	1330200.000	12.790	17.157	28.810

38315.258	45066.582	29.323	30.645	26.099
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12/16/2015 9:45:00 PM	1331100.000	12.745	17.155	28.710
38303.922	45054.660	29.314	30.637	26.107
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12/16/2015 10:00:00 PM	1332000.000	12.786	17.155	28.801
38352.293	45111.555	29.355	30.676	26.074
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38401.160	45168.230	29.396	30.714	26.041
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12/16/2015 10:30:00 PM	1333800.000	12.683	17.158	28.569
38457.672	45233.102	29.443	30.759	26.003
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12/16/2015 10:45:00 PM	1334700.000	12.712	17.154	28.635
38368.172	45131.570	29.370	30.689	26.063
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38366.480	45130.828	29.369	30.689	26.064
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38326.016	45083.145	29.335	30.657	26.092
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38276.141	45024.738	29.292	30.617	26.126
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38325.395	45080.273	29.333	30.655	26.092
1.021				

Serial_number:
2003874

Project ID:
MPWSP Monitoring Wells Barologge

Location:
MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
12/10/2015	0:00:00		0 14.7058	13.309
12/10/2015	0:15:00		0 14.7057	13.288
12/10/2015	0:30:00		0 14.7023	13.251
12/10/2015	0:45:00		0 14.6998	13.221
12/10/2015	1:00:00		0 14.693	13.215
12/10/2015	1:15:00		0 14.6848	13.241
12/10/2015	1:30:00		0 14.6798	13.284
12/10/2015	1:45:00		0 14.6808	13.318
12/10/2015	2:00:00		0 14.6858	13.342
12/10/2015	2:15:00		0 14.6887	13.362
12/10/2015	2:30:00		0 14.6844	13.378
12/10/2015	2:45:00		0 14.6784	13.392
12/10/2015	3:00:00		0 14.6756	13.431
12/10/2015	3:15:00		0 14.6691	13.424
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12/10/2015	3:45:00		0 14.6681	12.8
12/10/2015	4:00:00		0 14.6676	12.445
12/10/2015	4:15:00		0 14.6625	12.036
12/10/2015	4:30:00		0 14.6551	11.697
12/10/2015	4:45:00		0 14.6545	11.494
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12/10/2015	5:15:00		0 14.651	11.339
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12/10/2015	5:45:00		0 14.6556	11.287
12/10/2015	6:00:00		0 14.6619	11.29
12/10/2015	6:15:00		0 14.6572	11.256
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12/10/2015	8:45:00		0 14.6713	11.264

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12/10/2015	10:00:00	0	14.6738	13.228
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12/11/2015	3:15:00	0	14.6114	8.76
12/11/2015	3:30:00	0	14.611	8.615
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12/11/2015	4:00:00	0	14.6075	8.102
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12/11/2015	5:00:00	0	14.5992	7.941
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12/11/2015	8:15:00	0	14.6294	7.843

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12/11/2015	9:15:00	0	14.6409	8.404
12/11/2015	9:30:00	0	14.6441	8.486
12/11/2015	9:45:00	0	14.6445	8.739
12/11/2015	10:00:00	0	14.6476	9.944
12/11/2015	10:15:00	0	14.653	11.077
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12/14/2015	23:00:00	0	14.7368	6.612
12/14/2015	23:15:00	0	14.734	6.099
12/14/2015	23:30:00	0	14.7325	5.627
12/14/2015	23:45:00	0	14.7306	5.345
12/15/2015	0:00:00	0	14.7297	4.893
12/15/2015	0:15:00	0	14.7279	4.459
12/15/2015	0:30:00	0	14.726	4.165
12/15/2015	0:45:00	0	14.7228	3.956
12/15/2015	1:00:00	0	14.724	3.772
12/15/2015	1:15:00	0	14.723	3.666
12/15/2015	1:30:00	0	14.724	3.657
12/15/2015	1:45:00	0	14.7237	3.543
12/15/2015	2:00:00	0	14.7243	3.444
12/15/2015	2:15:00	0	14.7254	3.266
12/15/2015	2:30:00	0	14.7261	3.133
12/15/2015	2:45:00	0	14.7267	3.039
12/15/2015	3:00:00	0	14.7278	2.961
12/15/2015	3:15:00	0	14.7302	3.094
12/15/2015	3:30:00	0	14.7334	3.139
12/15/2015	3:45:00	0	14.734	3.154
12/15/2015	4:00:00	0	14.7337	3.189
12/15/2015	4:15:00	0	14.7352	3.202
12/15/2015	4:30:00	0	14.7359	3.199
12/15/2015	4:45:00	0	14.7373	3.186
12/15/2015	5:00:00	0	14.7374	3.08
12/15/2015	5:15:00	0	14.7388	2.97
12/15/2015	5:30:00	0	14.7389	2.951
12/15/2015	5:45:00	0	14.7393	2.795
12/15/2015	6:00:00	0	14.7404	2.686
12/15/2015	6:15:00	0	14.7421	2.618

12/15/2015	6:30:00	0	14.7441	2.688
12/15/2015	6:45:00	0	14.745	2.719
12/15/2015	7:00:00	0	14.745	2.69
12/15/2015	7:15:00	0	14.7479	2.56
12/15/2015	7:30:00	0	14.7501	2.428
12/15/2015	7:45:00	0	14.7518	2.687
12/15/2015	8:00:00	0	14.753	3.54
12/15/2015	8:15:00	0	14.757	4.628
12/15/2015	8:30:00	0	14.7602	5.866
12/15/2015	8:45:00	0	14.763	6.93
12/15/2015	9:00:00	0	14.7641	8.022
12/15/2015	9:15:00	0	14.766	9.213
12/15/2015	9:30:00	0	14.7681	10.291
12/15/2015	9:45:00	0	14.7716	11.193
12/15/2015	10:00:00	0	14.7733	11.796
12/15/2015	10:15:00	0	14.7741	12.209
12/15/2015	10:30:00	0	14.7759	12.5
12/15/2015	10:45:00	0	14.773	12.911
12/15/2015	11:00:00	0	14.7728	13.82
12/15/2015	11:15:00	0	14.7714	14.933
12/15/2015	11:30:00	0	14.7685	15.812
12/15/2015	11:45:00	0	14.7641	16.529
12/15/2015	12:00:00	0	14.763	17.153
12/15/2015	12:15:00	0	14.7624	17.728
12/15/2015	12:30:00	0	14.7599	18.052
12/15/2015	12:45:00	0	14.7596	18.298
12/15/2015	13:00:00	0	14.7592	18.316
12/15/2015	13:15:00	0	14.7558	18.146
12/15/2015	13:30:00	0	14.756	18.109
12/15/2015	13:45:00	0	14.7556	17.838
12/15/2015	14:00:00	0	14.7521	17.701
12/15/2015	14:15:00	0	14.7523	17.527
12/15/2015	14:30:00	0	14.752	16.757
12/15/2015	14:45:00	0	14.7509	15.441
12/15/2015	15:00:00	0	14.7514	14.166
12/15/2015	15:15:00	0	14.7517	13.095
12/15/2015	15:30:00	0	14.7534	12.228
12/15/2015	15:45:00	0	14.7554	11.505
12/15/2015	16:00:00	0	14.7548	10.932
12/15/2015	16:15:00	0	14.7545	10.486
12/15/2015	16:30:00	0	14.7549	10.085
12/15/2015	16:45:00	0	14.7557	9.684
12/15/2015	17:00:00	0	14.7585	9.309
12/15/2015	17:15:00	0	14.7609	8.868
12/15/2015	17:30:00	0	14.7638	8.468
12/15/2015	17:45:00	0	14.765	8.064
12/15/2015	18:00:00	0	14.7671	7.625

12/15/2015	18:15:00	0	14.7697	7.427
12/15/2015	18:30:00	0	14.7704	7.25
12/15/2015	18:45:00	0	14.7703	6.933
12/15/2015	19:00:00	0	14.7715	6.554
12/15/2015	19:15:00	0	14.7729	6.046
12/15/2015	19:30:00	0	14.7718	5.488
12/15/2015	19:45:00	0	14.7706	5.054
12/15/2015	20:00:00	0	14.7736	4.717
12/15/2015	20:15:00	0	14.775	4.599
12/15/2015	20:30:00	0	14.7765	4.494
12/15/2015	20:45:00	0	14.7786	4.31
12/15/2015	21:00:00	0	14.779	4.118
12/15/2015	21:15:00	0	14.7787	3.91
12/15/2015	21:30:00	0	14.7785	3.65
12/15/2015	21:45:00	0	14.781	3.493
12/15/2015	22:00:00	0	14.781	3.334
12/15/2015	22:15:00	0	14.782	3.306
12/15/2015	22:30:00	0	14.7837	3.383
12/15/2015	22:45:00	0	14.783	3.27
12/15/2015	23:00:00	0	14.7827	3.113
12/15/2015	23:15:00	0	14.7831	2.996
12/15/2015	23:30:00	0	14.7843	2.855
12/15/2015	23:45:00	0	14.7831	2.722
12/16/2015	0:00:00	0	14.7837	2.525
12/16/2015	0:15:00	0	14.7822	2.377
12/16/2015	0:30:00	0	14.7806	2.278
12/16/2015	0:45:00	0	14.7794	2.169
12/16/2015	1:00:00	0	14.7799	2.064
12/16/2015	1:15:00	0	14.7777	1.922
12/16/2015	1:30:00	0	14.78	1.889
12/16/2015	1:45:00	0	14.7795	1.818
12/16/2015	2:00:00	0	14.7807	1.694
12/16/2015	2:15:00	0	14.784	1.544
12/16/2015	2:30:00	0	14.7856	1.517
12/16/2015	2:45:00	0	14.7863	1.469
12/16/2015	3:00:00	0	14.7863	1.475
12/16/2015	3:15:00	0	14.7873	1.498
12/16/2015	3:30:00	0	14.7867	1.563
12/16/2015	3:45:00	0	14.7869	1.641
12/16/2015	4:00:00	0	14.7844	1.693
12/16/2015	4:15:00	0	14.7862	1.732
12/16/2015	4:30:00	0	14.7834	1.613
12/16/2015	4:45:00	0	14.782	1.527
12/16/2015	5:00:00	0	14.782	1.436
12/16/2015	5:15:00	0	14.7826	1.228
12/16/2015	5:30:00	0	14.786	1.103
12/16/2015	5:45:00	0	14.7849	1.16

12/16/2015	6:00:00	0	14.7849	0.981
12/16/2015	6:15:00	0	14.7833	0.972
12/16/2015	6:30:00	0	14.7841	0.993
12/16/2015	6:45:00	0	14.7817	0.963
12/16/2015	7:00:00	0	14.7814	0.914
12/16/2015	7:15:00	0	14.7839	0.897
12/16/2015	7:30:00	0	14.7882	0.899
12/16/2015	7:45:00	0	14.7906	1.24
12/16/2015	8:00:00	0	14.7937	1.939
12/16/2015	8:15:00	0	14.7974	2.802
12/16/2015	8:30:00	0	14.8018	3.783
12/16/2015	8:45:00	0	14.8052	4.563
12/16/2015	9:00:00	0	14.8072	5.376
12/16/2015	9:15:00	0	14.8113	6.063
12/16/2015	9:30:00	0	14.8128	6.744
12/16/2015	9:45:00	0	14.8145	7.424
12/16/2015	10:00:00	0	14.815	8.016
12/16/2015	10:15:00	0	14.8142	8.502
12/16/2015	10:30:00	0	14.8139	8.959
12/16/2015	10:45:00	0	14.812	9.486
12/16/2015	11:00:00	0	14.8087	10.269
12/16/2015	11:15:00	0	14.8044	11.133
12/16/2015	11:30:00	0	14.8029	11.982
12/16/2015	11:45:00	0	14.8008	12.785
12/16/2015	12:00:00	0	14.8001	13.617
12/16/2015	12:15:00	0	14.7978	14.312
12/16/2015	12:30:00	0	14.7944	14.889
12/16/2015	12:45:00	0	14.7932	15.359
12/16/2015	13:00:00	0	14.7912	15.903
12/16/2015	13:15:00	0	14.7906	16.522
12/16/2015	13:30:00	0	14.7903	17.188
12/16/2015	13:45:00	0	14.7895	17.782
12/16/2015	14:00:00	0	14.7894	18.329
12/16/2015	14:15:00	0	14.7882	18.41
12/16/2015	14:30:00	0	14.7874	17.641
12/16/2015	14:45:00	0	14.7887	16.321
12/16/2015	15:00:00	0	14.788	14.968
12/16/2015	15:15:00	0	14.7902	13.892
12/16/2015	15:30:00	0	14.7903	13.07
12/16/2015	15:45:00	0	14.787	12.392
12/16/2015	16:00:00	0	14.7858	11.802
12/16/2015	16:15:00	0	14.7859	11.271
12/16/2015	16:30:00	0	14.7861	10.775
12/16/2015	16:45:00	0	14.7861	10.282
12/16/2015	17:00:00	0	14.785	9.795
12/16/2015	17:15:00	0	14.7853	9.288
12/16/2015	17:30:00	0	14.7877	8.689

12/16/2015	17:45:00	0	14.7886	8.099
12/16/2015	18:00:00	0	14.7904	7.549
12/16/2015	18:15:00	0	14.7929	7.03
12/16/2015	18:30:00	0	14.793	6.611
12/16/2015	18:45:00	0	14.7905	6.368
12/16/2015	19:00:00	0	14.7886	6.173
12/16/2015	19:15:00	0	14.7893	5.964
12/16/2015	19:30:00	0	14.7931	5.781
12/16/2015	19:45:00	0	14.7948	5.633
12/16/2015	20:00:00	0	14.795	5.529
12/16/2015	20:15:00	0	14.7981	5.447
12/16/2015	20:30:00	0	14.8004	5.282
12/16/2015	20:45:00	0	14.7991	5.201
12/16/2015	21:00:00	0	14.8005	5.109
12/16/2015	21:15:00	0	14.7997	5.017
12/16/2015	21:30:00	0	14.7989	4.874
12/16/2015	21:45:00	0	14.8007	4.639
12/16/2015	22:00:00	0	14.8006	4.511
12/16/2015	22:15:00	0	14.8028	4.35
12/16/2015	22:30:00	0	14.8015	4.304
12/16/2015	22:45:00	0	14.8018	4.225
12/16/2015	23:00:00	0	14.8036	4.178
12/16/2015	23:15:00	0	14.8016	4.091
12/16/2015	23:30:00	0	14.8013	4.021
12/16/2015	23:45:00	0	14.802	3.998

Report Date: 12/18/2015 1:46:48 PM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP BaroTroll Pre Test_2015-12-17_13-30-00-616.wsl
Create Date: 12/17/2015 1:28:46 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(%): 12
Used Battery(%): 0

Log Configuration

Log Name: MPWSP BaroTroll Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/14/2015 3:38:56 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/14/2015 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

3/14/2015 3:39:01 PM	Used Battery: 0% Used Memory: 25% User Name: nreynolds
3/15/2015 11:11:38 PM	Log Download - Used Battery: 0% Used Memory: 25% User Name: nreynolds

3/20/2015 2:19:00 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
3/27/2015 3:34:52 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
4/2/2015 5:30:59 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
4/3/2015 3:20:31 PM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/6/2015 11:57:36 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: AKhalighi
4/10/2015 11:59:01 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/17/2015 5:14:03 PM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: AKieta
4/24/2015 11:57:43 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: JSobolew
4/25/2015 9:11:45 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/30/2015 10:57:19 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: GSSI
5/1/2015 3:55:18 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: GSSI
5/7/2015 5:48:49 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: ECrowWillard
Interval - Start Time: 5/1/2015 3:45:00 PM		
5/14/2015 7:57:49 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
5/21/2015 5:33:26 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: CShaw
5/28/2015 7:09:07 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: ECrowWillard
Interval - Start Time: 5/7/2015 5:45:00 PM		
6/4/2015 2:11:13 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
6/5/2015 7:49:54 AM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
6/8/2015 8:18:16 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/5/2015 7:45:00 AM		
6/11/2015 7:44:35 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/8/2015 8:15:00 AM		
6/11/2015 6:06:30 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/11/2015 7:30:00 AM		
6/17/2015 8:39:35 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw Interval -
Start Time: 5/21/2015 5:30:00 PM		
6/18/2015 6:32:24 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
6/25/2015 9:54:31 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/11/2015 6:00:00 PM		
6/26/2015 1:33:47 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: Administrator
7/2/2015 6:13:23 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
7/9/2015 6:23:20 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte
7/10/2015 6:21:03 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 7/9/2015 6:15:00 PM		
7/16/2015 6:03:22 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
7/23/2015 5:28:45 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: KMakar
7/30/2015 5:44:32 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: BDuarte Interval -
Start Time: 7/10/2015 6:15:00 PM		
8/6/2015 6:43:35 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: CShaw Interval -
Start Time: 7/10/2015 6:10:00 PM Stop Time: 8/6/2015 5:30:00 PM		
8/13/2015 2:25:16 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 7/23/2015 5:15:00 PM		
8/20/2015 6:24:08 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: BDuarte Interval -
Start Time: 7/30/2015 5:30:00 PM		
8/27/2015 12:57:50 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM		
8/27/2015 12:59:01 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM		
9/3/2015 6:52:30 PM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: CShaw Interval -
Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:40:00 PM		
9/10/2015 12:20:13 PM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: KMakar Interval -
Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 12:18:00 PM		
9/17/2015 11:34:52 AM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: KMakar Interval -

Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 11:30:00 AM
 9/24/2015 7:34:21 PM Log Download - Used Battery: 3% Used Memory: 50% 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 3:08:53 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: KMakar Interval -
 Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 3:05:00 PM
 10/8/2015 5:31:09 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval -
 Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/8/2015 5:30:00 PM
 10/15/2015 2:08:51 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -
 Start Time: 9/30/2015 7:05:00 AM Stop Time: 10/15/2015 2:05:00 PM
 10/22/2015 5:56:32 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: CShaw Interval -
 Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/22/2015 6:00:00 PM
 10/27/2015 12:29:47 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval -
 Start Time: 10/15/2015 12:00:00 AM Stop Time: 10/27/2015 12:25:00 PM
 10/28/2015 10:39:27 AM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval -
 Start Time: 10/27/2015 12:15:00 PM
 10/29/2015 4:11:07 PM Log Download - Used Battery: 4% Used Memory: 56% 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 3:10:53 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -
 Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:05:00 PM
 11/12/2015 6:08:30 PM Log Download - Used Battery: 4% Used Memory: 56% 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 4:07:00 PM Log Download - Used Battery: 4% Used Memory: 56% 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 2:30:47 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval -
 Start Time: 11/12/2015 1:00:00 AM Stop Time: 11/29/2015 2:30:00 PM
 12/3/2015 11:51:46 AM Log Download - Used Battery: 4% Used Memory: 62% 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 5:48:20 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval -
 Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 5:45:00 PM
 12/17/2015 1:31:21 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: KMakar Interval -
 Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:30:00 PM

Log Data:

Record Count: 1542

Sensors: 1

1 - 399604: Baro-Pressure/Temp

Time Zone: Pacific Standard Time

Date and Time	Sensor: Baro Pres		Sensor: Baro Pres	
	Elapsed Time	SN#: 399604	SN#: 399604	Temperature (C)
	Seconds	Pressure (mmHg)		
12/10/2015 12:00:00 AM	734400.000	762.651	762.651	13.479
12/10/2015 12:15:00 AM	735300.000	762.348	762.348	13.474
12/10/2015 12:30:00 AM	736200.000	762.568	762.568	13.500
12/10/2015 12:45:00 AM	737100.000	762.305	762.305	13.515
12/10/2015 1:00:00 AM	738000.000	761.904	761.904	13.485
12/10/2015 1:15:00 AM	738900.000	761.485	761.485	13.504
12/10/2015 1:30:00 AM	739800.000	761.000	761.000	13.497
12/10/2015 1:45:00 AM	740700.000	761.109	761.109	13.534
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12/13/2015 9:30:00 AM	1027800.000	761.677	9.902
12/13/2015 9:45:00 AM	1028700.000	761.185	9.950
12/13/2015 10:00:00 AM	1029600.000	760.883	10.026
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12/16/2015 6:15:00 AM	1275300.000	767.250	6.107
12/16/2015 6:30:00 AM	1276200.000	767.434	5.999

12/16/2015 6:45:00 AM	1277100.000	766.966	5.908
12/16/2015 7:00:00 AM	1278000.000	767.000	5.900
12/16/2015 7:15:00 AM	1278900.000	767.206	5.853
12/16/2015 7:30:00 AM	1279800.000	767.499	5.774
12/16/2015 7:45:00 AM	1280700.000	767.397	5.775
12/16/2015 8:00:00 AM	1281600.000	767.490	4.490
12/16/2015 8:15:00 AM	1282500.000	767.463	3.849
12/16/2015 8:30:00 AM	1283400.000	767.711	3.966
12/16/2015 8:45:00 AM	1284300.000	767.775	4.480
12/16/2015 9:00:00 AM	1285200.000	767.916	5.056
12/16/2015 9:15:00 AM	1286100.000	768.397	5.713
12/16/2015 9:30:00 AM	1287000.000	768.235	6.402
12/16/2015 9:45:00 AM	1287900.000	768.385	7.058
12/16/2015 10:00:00 AM	1288800.000	768.167	7.742
12/16/2015 10:15:00 AM	1289700.000	768.236	8.510
12/16/2015 10:30:00 AM	1290600.000	768.015	9.266
12/16/2015 10:45:00 AM	1291500.000	768.177	9.998
12/16/2015 11:00:00 AM	1292400.000	767.474	10.612
12/16/2015 11:15:00 AM	1293300.000	767.455	11.181
12/16/2015 11:30:00 AM	1294200.000	767.380	11.752
12/16/2015 11:45:00 AM	1295100.000	767.488	12.340
12/16/2015 12:00:00 PM	1296000.000	767.173	13.047
12/16/2015 12:15:00 PM	1296900.000	767.147	13.716
12/16/2015 12:30:00 PM	1297800.000	766.866	14.423
12/16/2015 12:45:00 PM	1298700.000	766.862	15.183
12/16/2015 1:00:00 PM	1299600.000	766.782	15.849
12/16/2015 1:15:00 PM	1300500.000	766.700	13.004
12/16/2015 1:30:00 PM	1301400.000	766.473	11.514
12/16/2015 1:45:00 PM	1302300.000	766.987	10.846
12/16/2015 2:00:00 PM	1303200.000	767.135	10.619
12/16/2015 2:15:00 PM	1304100.000	766.556	10.583
12/16/2015 2:30:00 PM	1305000.000	766.926	10.640
12/16/2015 2:45:00 PM	1305900.000	767.154	10.710
12/16/2015 3:00:00 PM	1306800.000	766.843	10.821
12/16/2015 3:15:00 PM	1307700.000	767.099	10.921
12/16/2015 3:30:00 PM	1308600.000	767.126	11.068
12/16/2015 3:45:00 PM	1309500.000	766.984	11.093
12/16/2015 4:00:00 PM	1310400.000	766.996	11.113
12/16/2015 4:15:00 PM	1311300.000	767.159	11.082
12/16/2015 4:30:00 PM	1312200.000	767.155	11.051
12/16/2015 4:45:00 PM	1313100.000	767.159	10.941
12/16/2015 5:00:00 PM	1314000.000	766.757	10.819
12/16/2015 5:15:00 PM	1314900.000	766.961	10.703
12/16/2015 5:30:00 PM	1315800.000	766.776	10.545
12/16/2015 5:45:00 PM	1316700.000	767.145	10.449
12/16/2015 6:00:00 PM	1317600.000	767.301	10.300
12/16/2015 6:15:00 PM	1318500.000	767.281	10.164
12/16/2015 6:30:00 PM	1319400.000	767.538	9.996
12/16/2015 6:45:00 PM	1320300.000	767.547	9.834
12/16/2015 7:00:00 PM	1321200.000	767.397	9.723
12/16/2015 7:15:00 PM	1322100.000	767.645	9.597
12/16/2015 7:30:00 PM	1323000.000	767.257	9.476
12/16/2015 7:45:00 PM	1323900.000	767.476	9.301
12/16/2015 8:00:00 PM	1324800.000	767.432	9.168

12/16/2015 8:15:00 PM	1325700.000	767.631	9.012
12/16/2015 8:30:00 PM	1326600.000	767.894	8.950
12/16/2015 8:45:00 PM	1327500.000	767.959	8.790
12/16/2015 9:00:00 PM	1328400.000	767.800	8.712
12/16/2015 9:15:00 PM	1329300.000	767.908	8.604
12/16/2015 9:30:00 PM	1330200.000	767.850	8.540
12/16/2015 9:45:00 PM	1331100.000	767.789	8.499
12/16/2015 10:00:00 PM	1332000.000	768.045	8.421
12/16/2015 10:15:00 PM	1332900.000	768.033	8.334
12/16/2015 10:30:00 PM	1333800.000	767.950	8.215
12/16/2015 10:45:00 PM	1334700.000	768.033	8.099
12/16/2015 11:00:00 PM	1335600.000	768.211	8.042
12/16/2015 11:15:00 PM	1336500.000	768.000	7.935
12/16/2015 11:30:00 PM	1337400.000	768.011	7.855
12/16/2015 11:45:00 PM	1338300.000	768.046	7.847

GEOSCIENCE

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