

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 36 30-December-15 - 6-January-16

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

January 12, 2016

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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WATER SUPPLY PROJECT**

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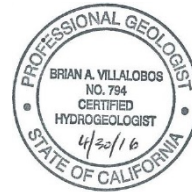
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THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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Project Manager

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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 30-December-15 through 6-January-16

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. 36
30-DECEMBER-15 - 6-JANUARY-16**

1.0 GENERAL

1.1 Purpose and Scope

Coastal Development Permit #A-3-MRA-14-0050 dated 8-Dec-14 granted California American Water Company (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. The transducer installed in the dredge pond has recently been buried in sand due to winter storms surges. Efforts will be made to ascertain its location and condition.

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 30-December-15 through 6-January-16 and is presented with data collected since the start of the long term pumping test. Each subsequent weekly report will provide an additional seven days of data.

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.

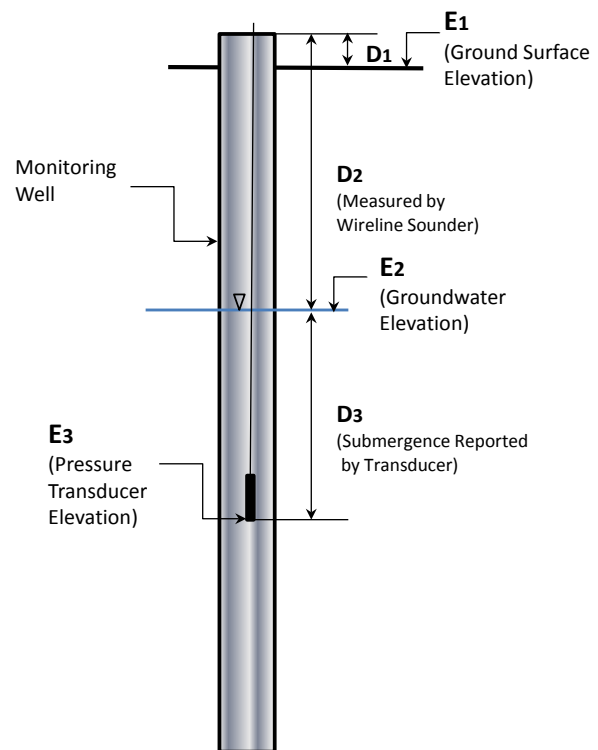
1.7 Format of Report

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. 36 (this report), is the thirty-sixth 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:

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

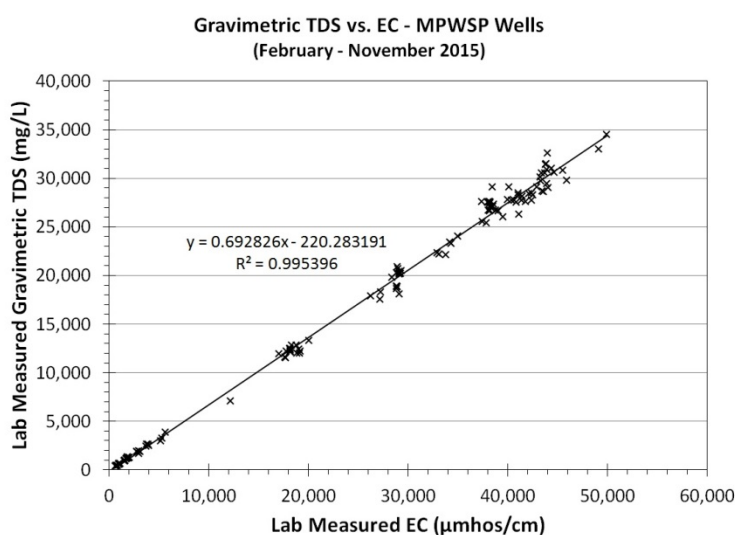
Once the transducer elevation has been established, ground water elevations in ft NAVD88 are calculated from transducer submergence readings ($D3$) (psi converted to ft) and depth to water measurements ($D2$) as follows:

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

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

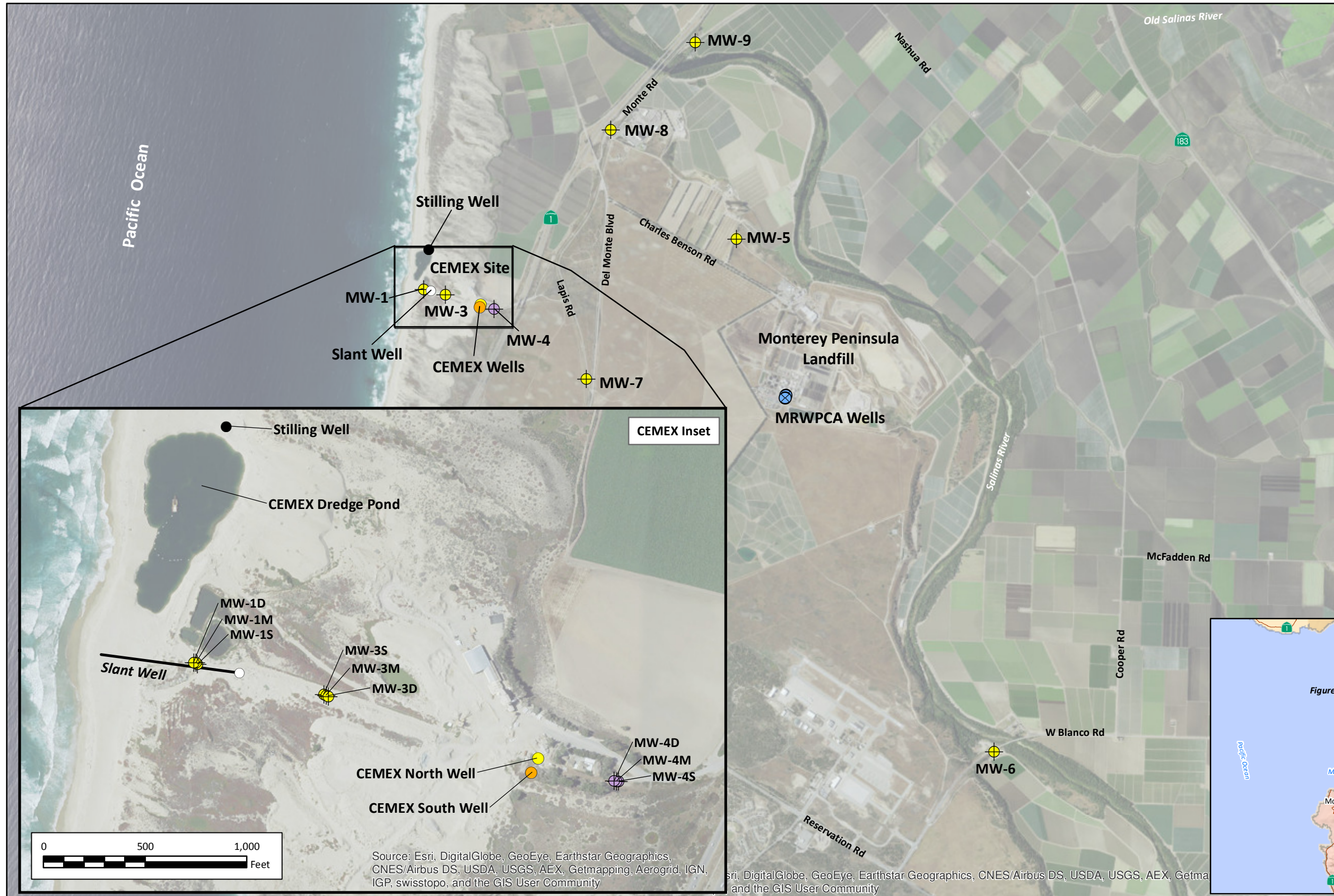
The baseline water level and water quality data indicated that the water quality in the aquifers at MW-3 and MW-4 series show vertical stratification. Therefore, direct correlation between laboratory samples collected by pumping the monitoring wells and conductivity data cannot be made since the pumped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

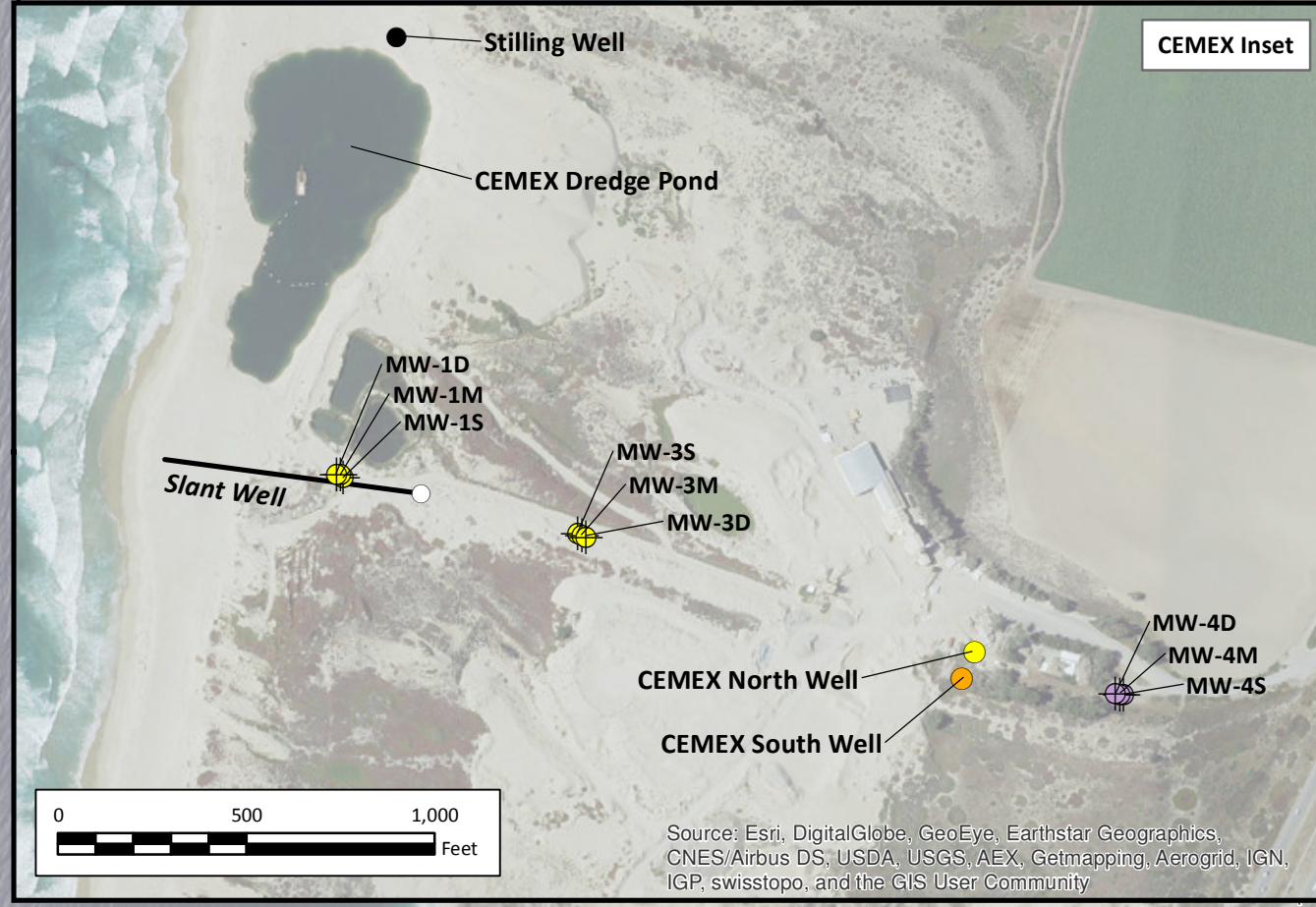
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 & MW-6). MW-3 series and MW-4 series are the closest inland wells from the test slant well (see Figure 1-1) and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

FIGURES

MPWSP GROUNDWATER MONITORING NETWORK

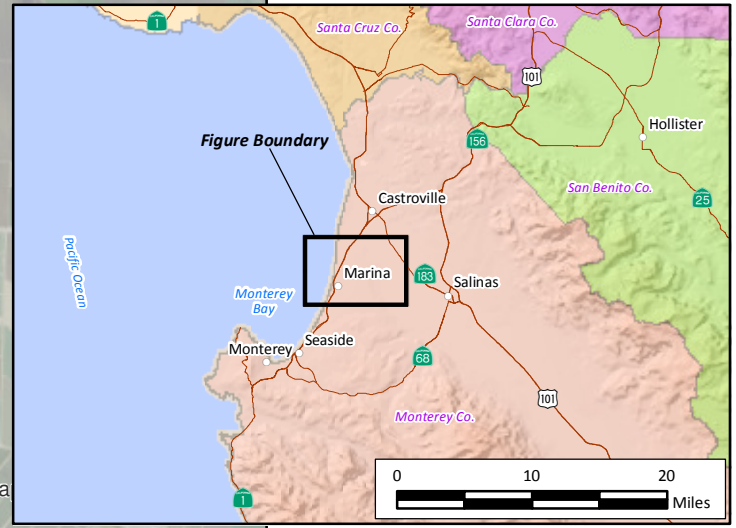


- EXPLANATION**
- Existing Monitoring Well Cluster
 - Compliance Monitoring Well
 - Inactive Production Well
 - CEMEX Well - Inactive (Monitored)
 - CEMEX Well - Active (Not Monitored)
 - Stilling Well
 - Slant Well

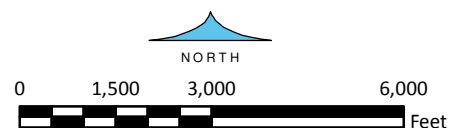


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Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



12-Jan-16
 Prepared by: DB. Map Projection: State Plane 1983, Zone IV.
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Figure 1-1

Groundwater Elevation in MPWSP MW-1

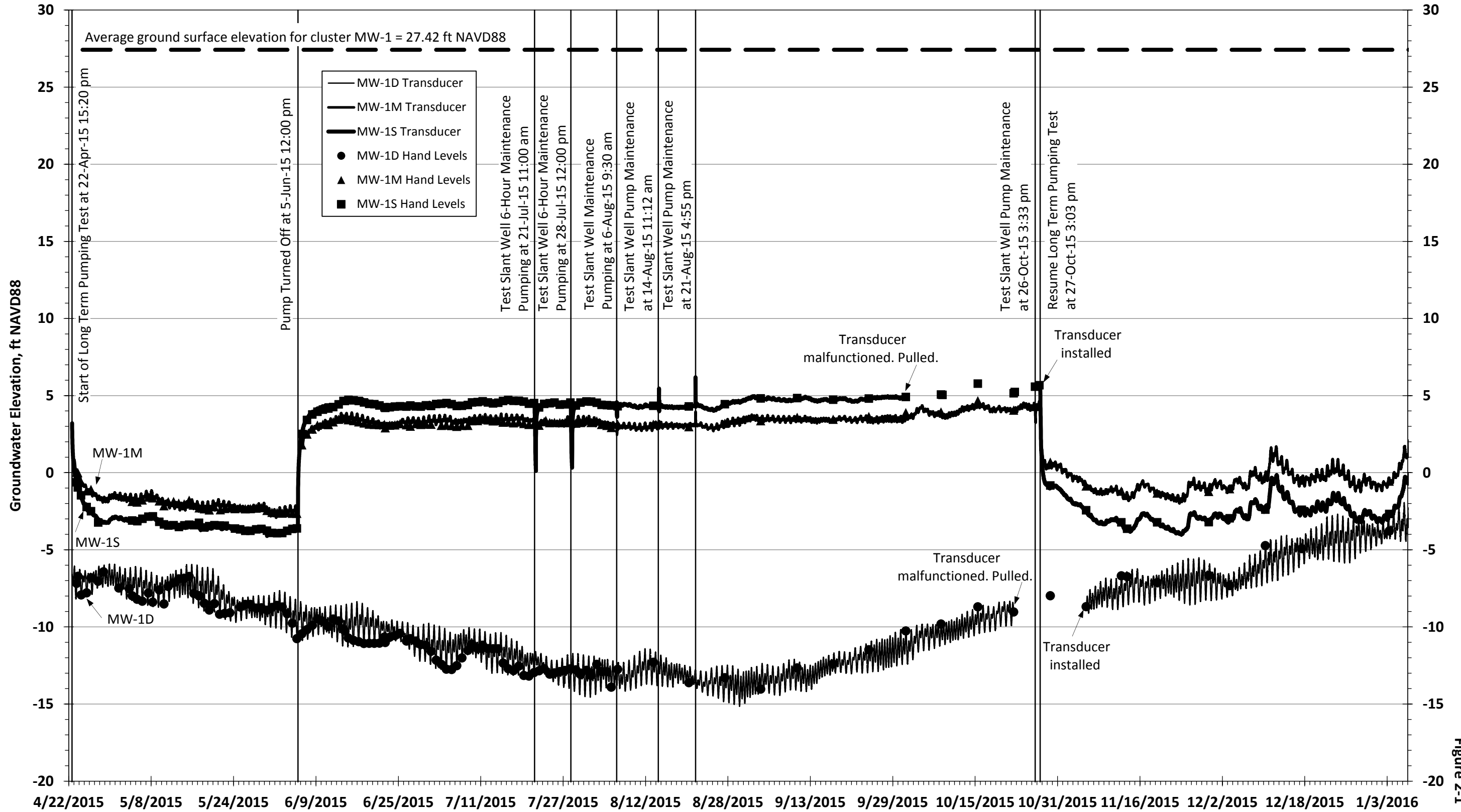


Figure 2-1

Groundwater Elevation in MPWSP MW-3

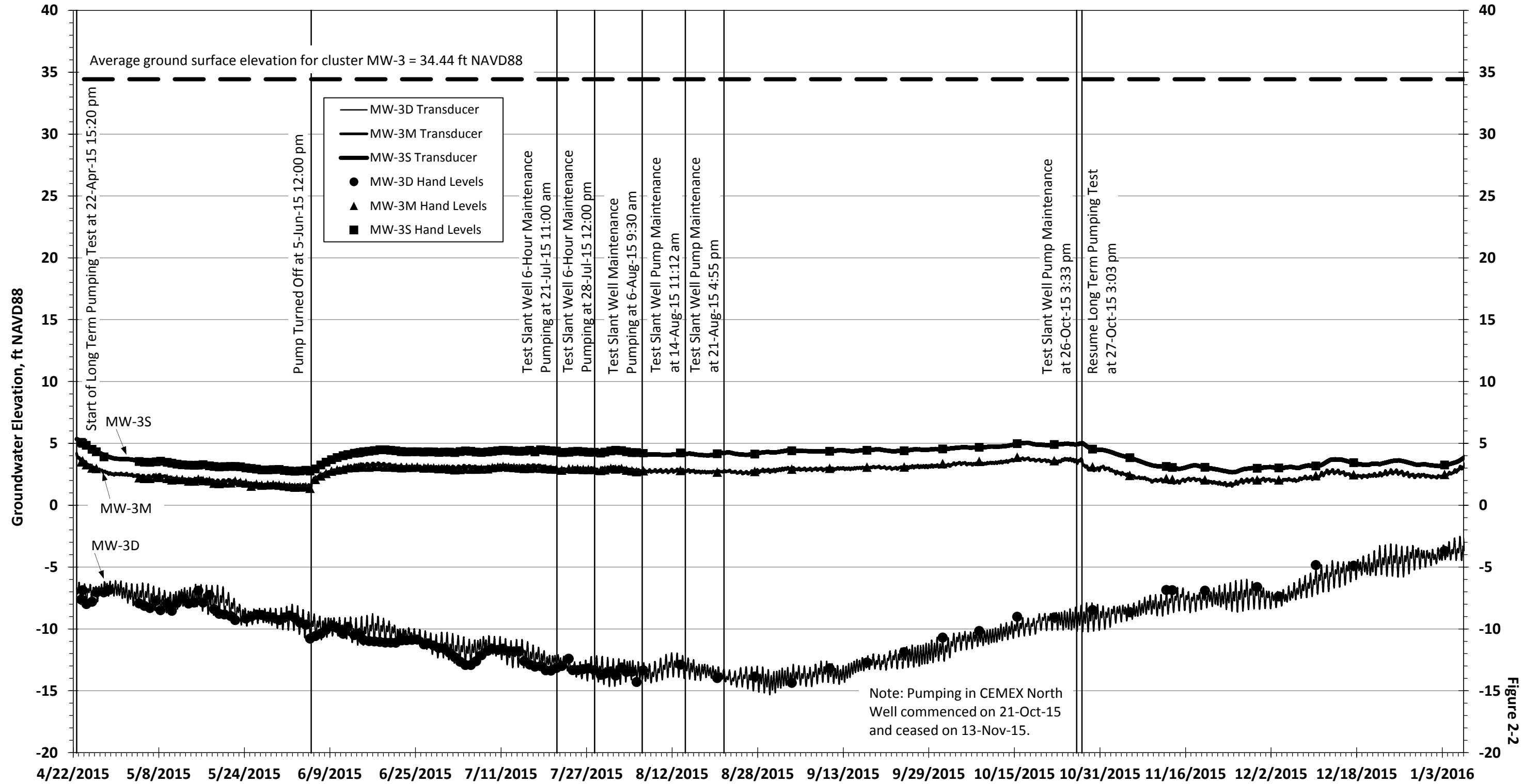


Figure 2-2

Groundwater Elevation in MPWSP MW-4

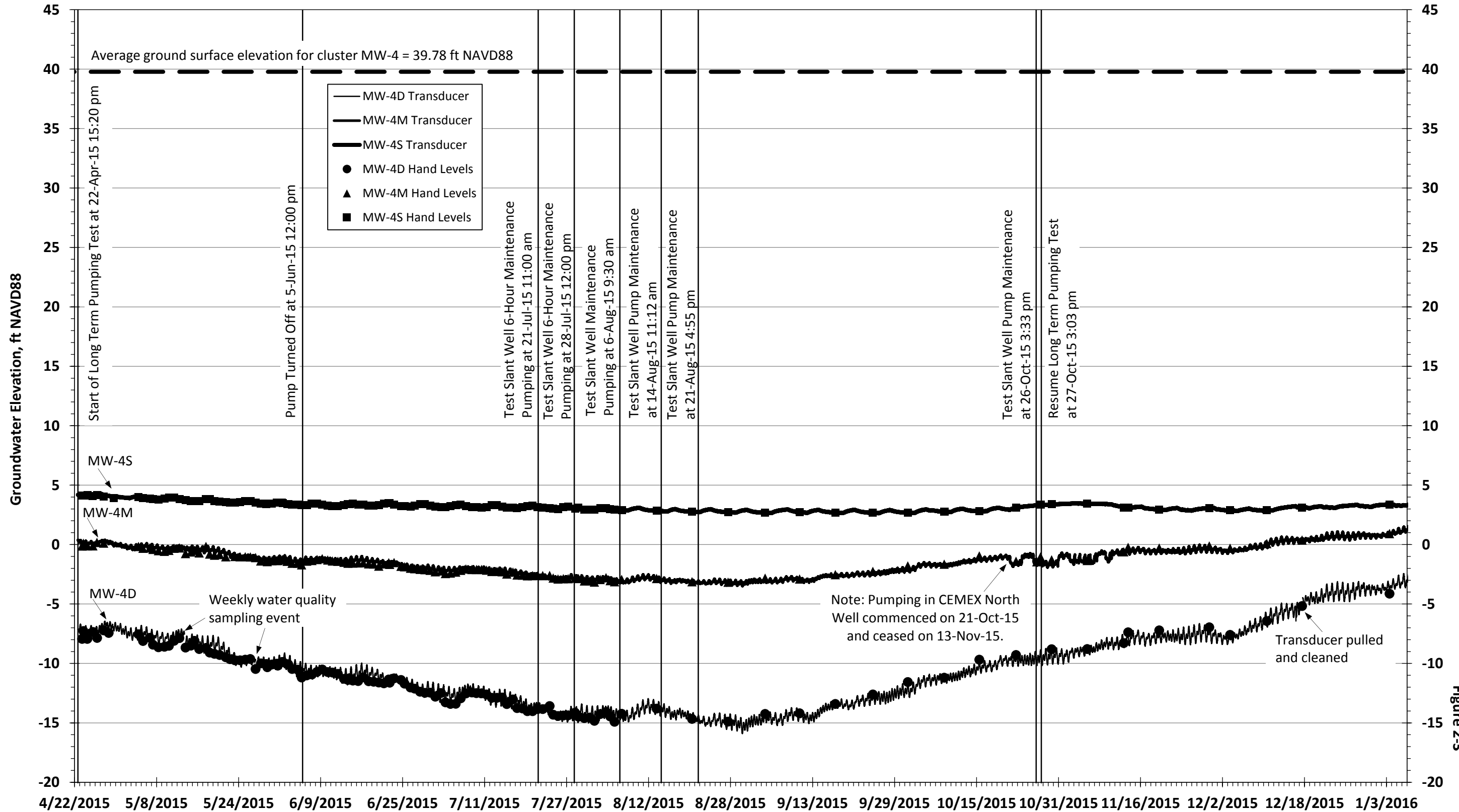


Figure 2-3

Groundwater Elevation in MPWSP MW-5

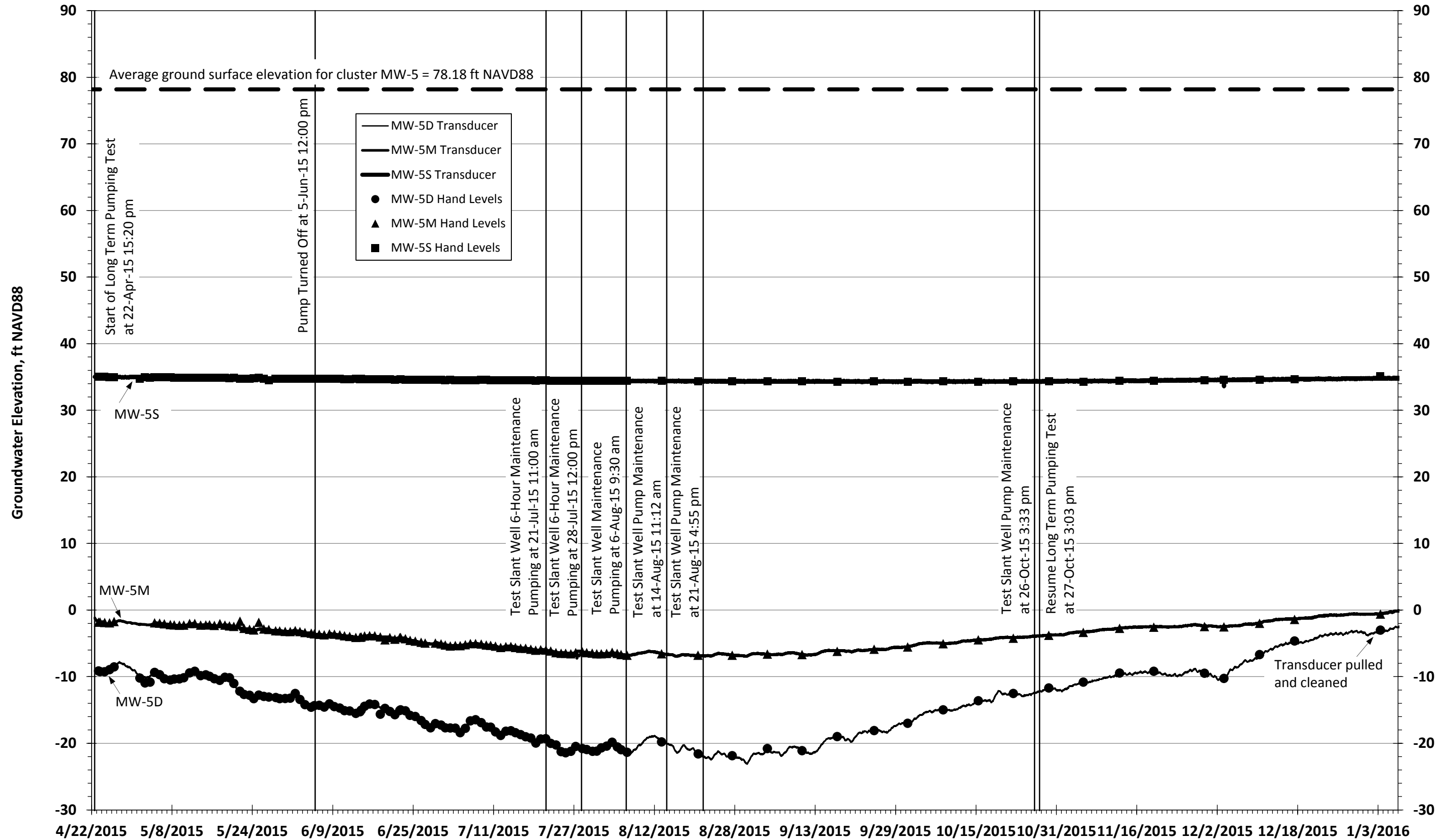


Figure 2-4

Groundwater Elevation in MPWSP MW-6

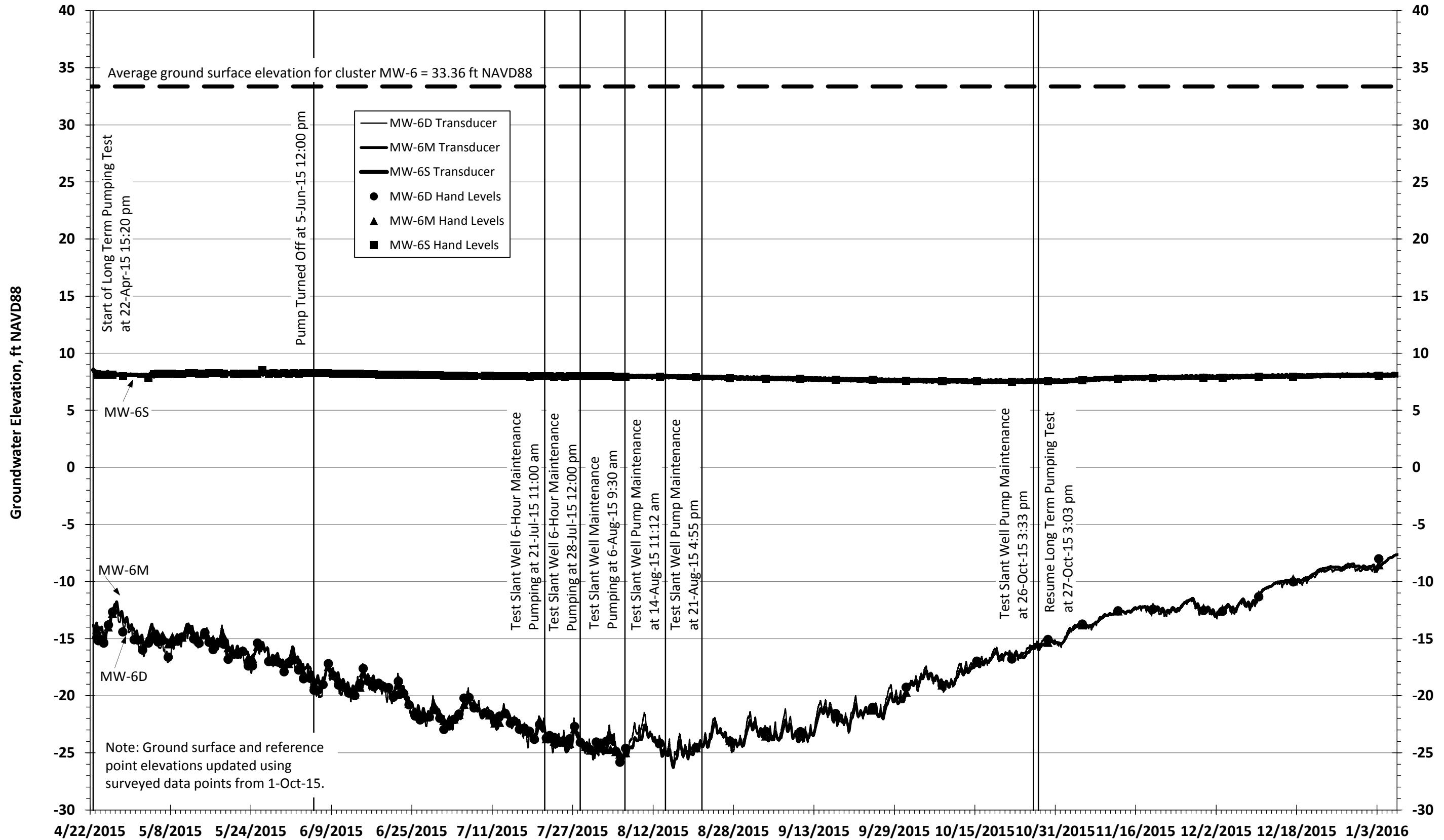


Figure 2-5

Groundwater Elevation in MPWSP MW-7

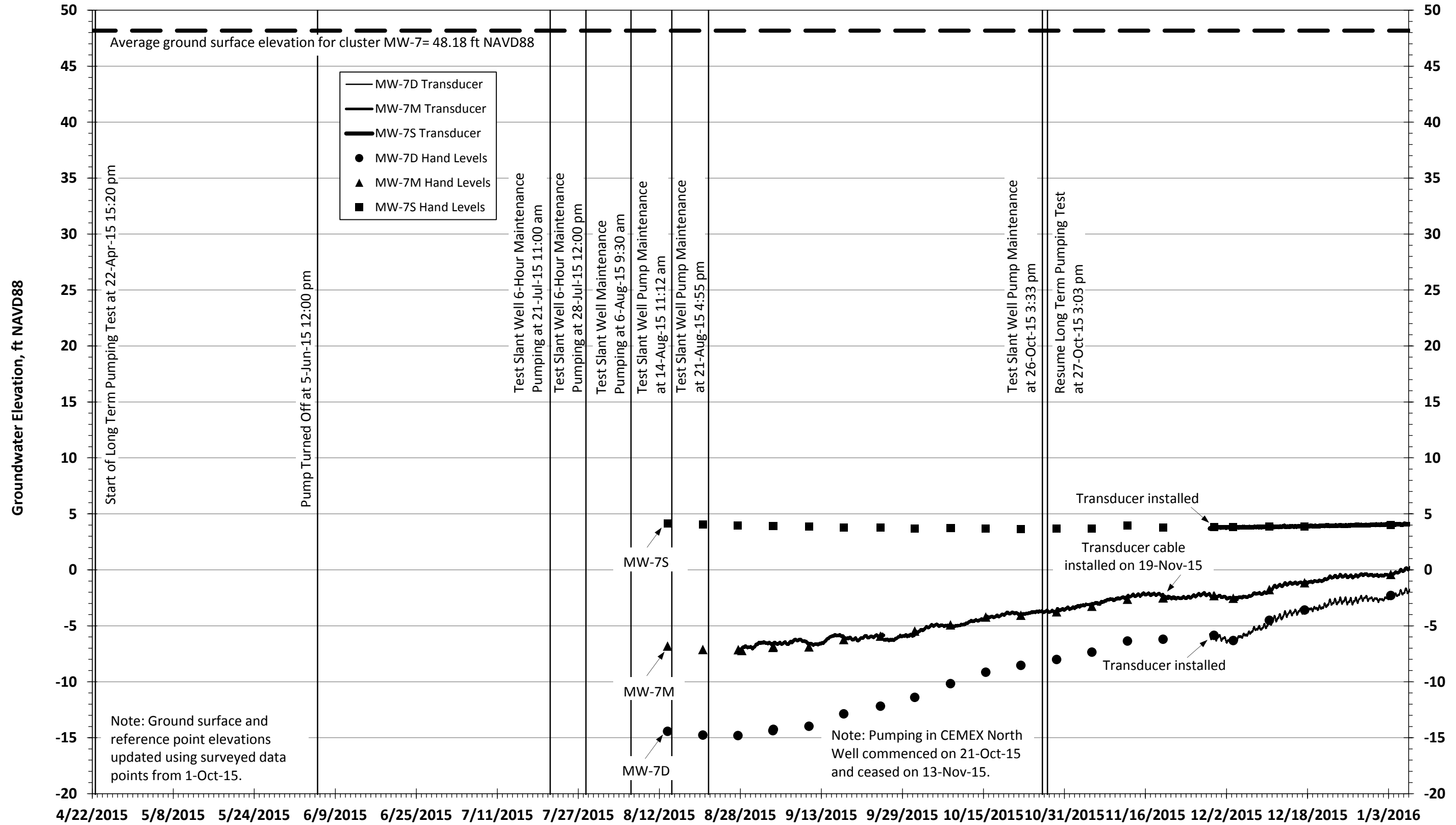


Figure 2-6

Groundwater Elevation in MPWSP MW-8

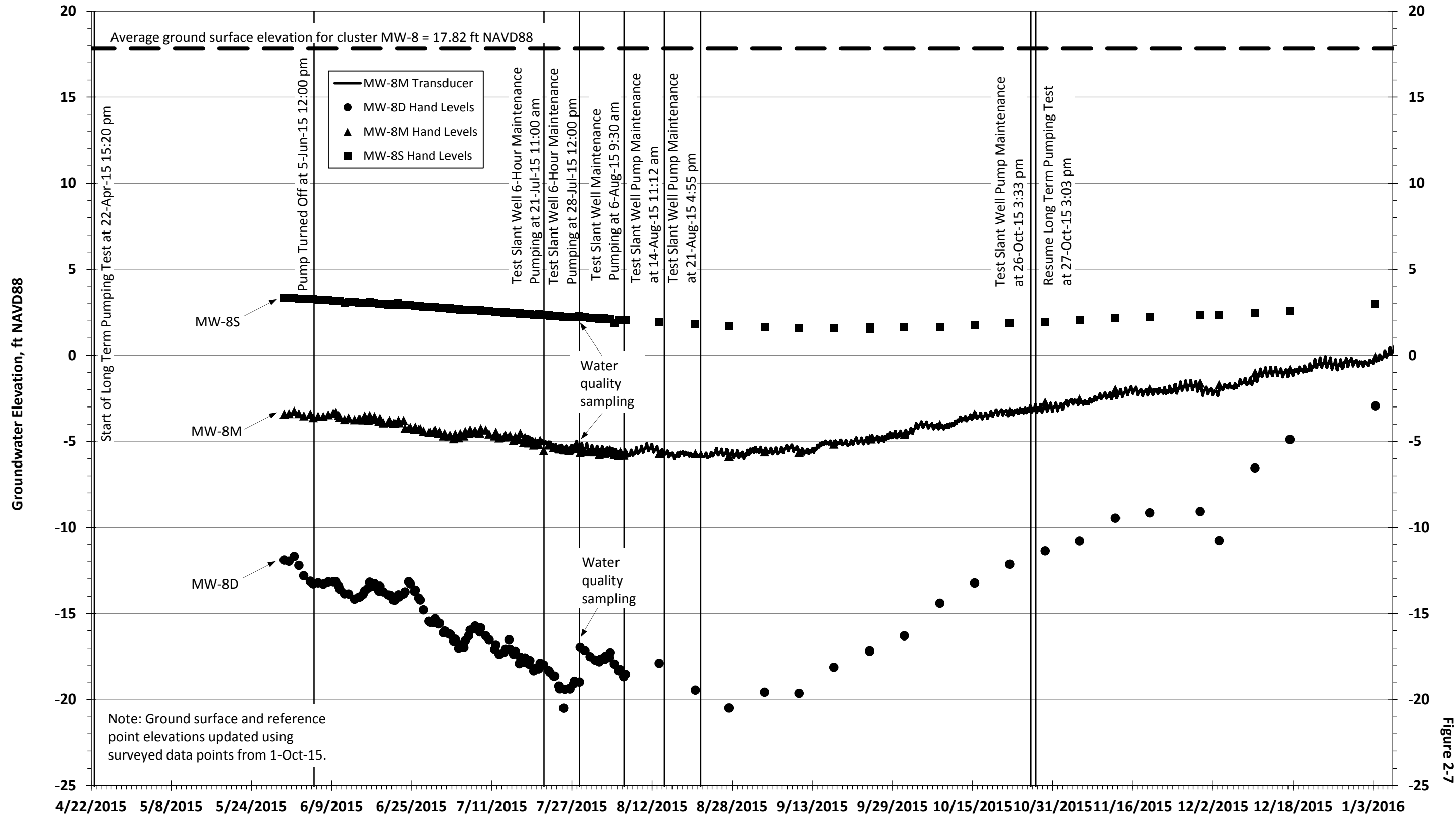
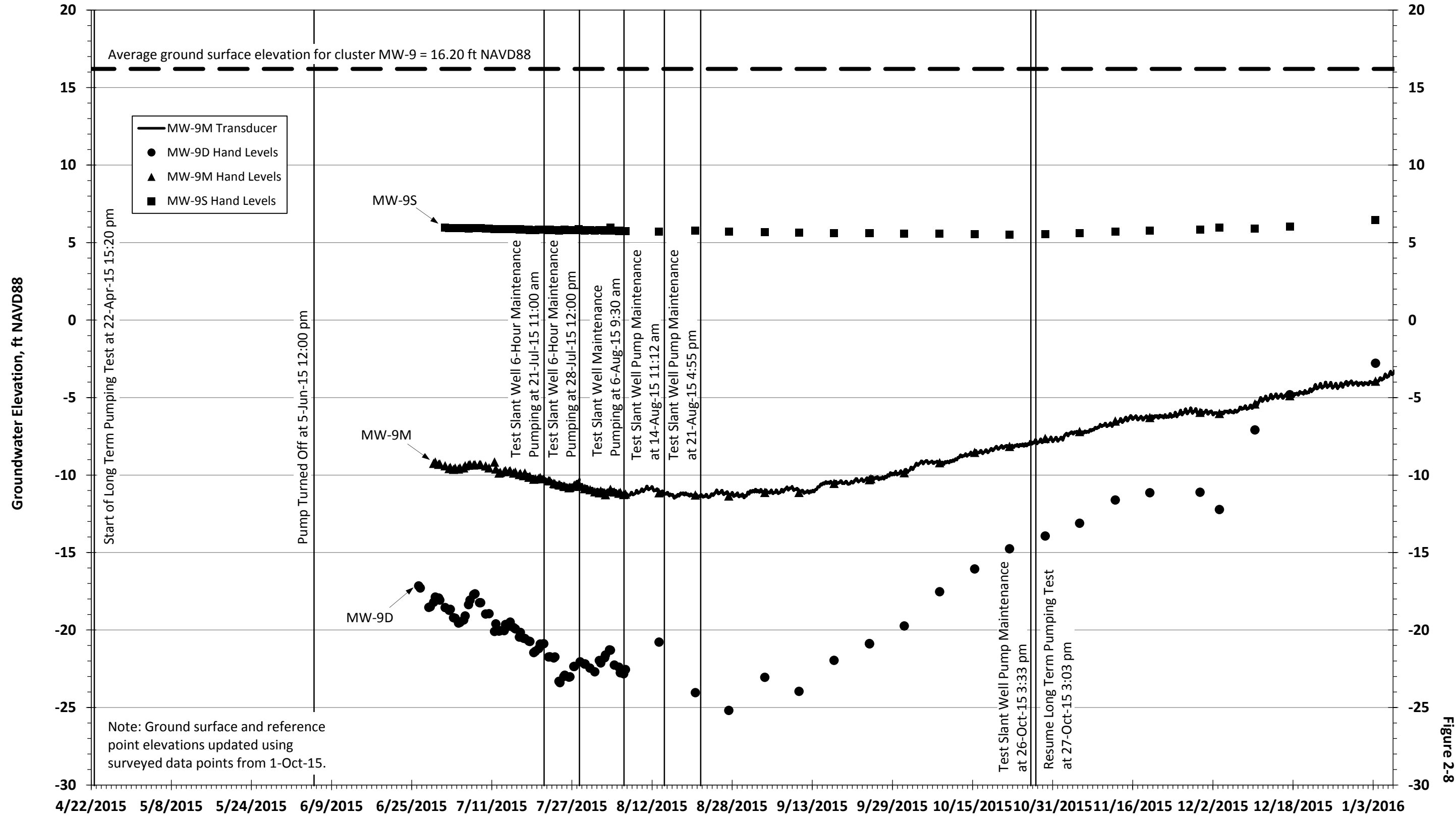


Figure 2-7

Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

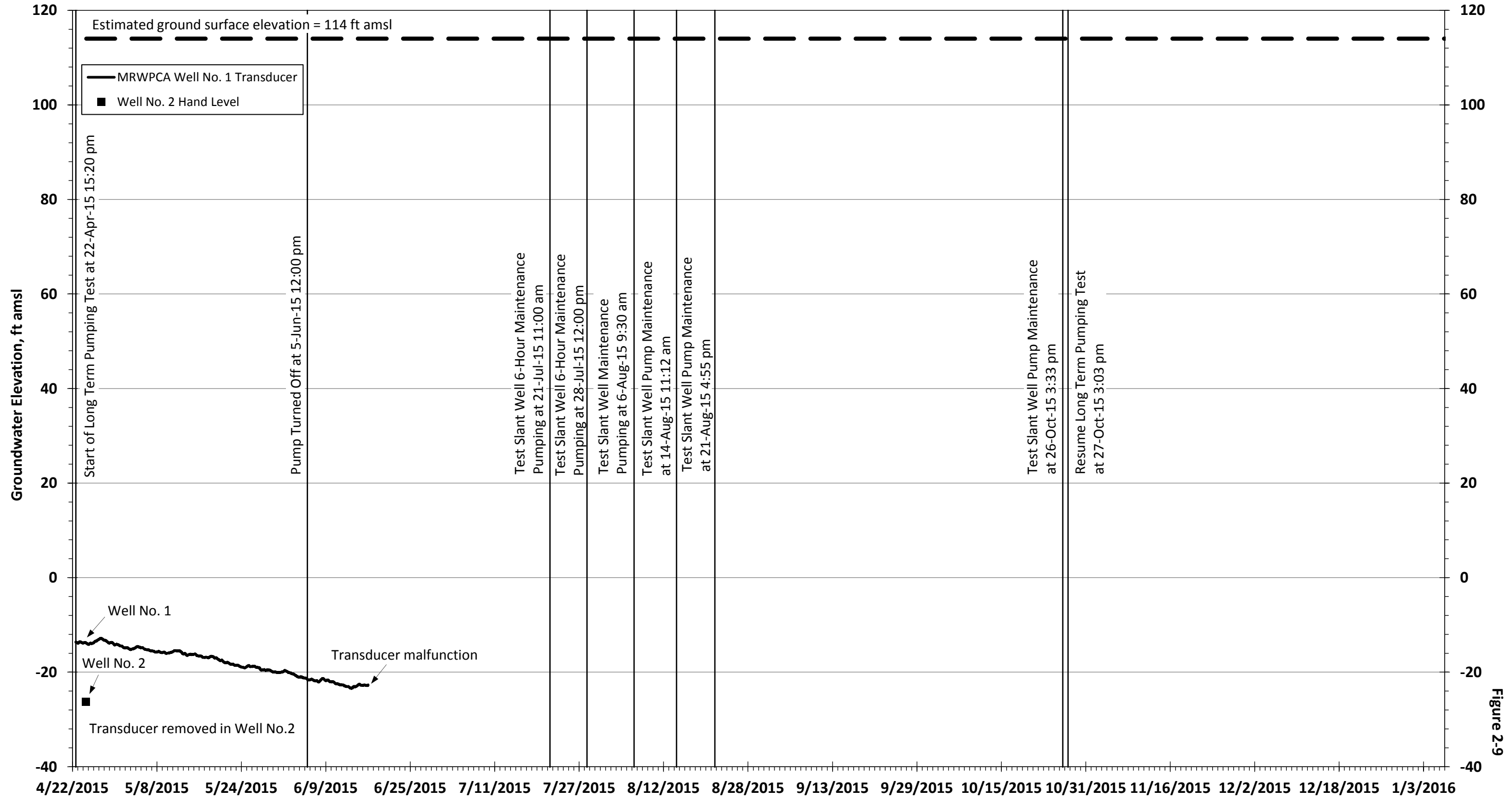


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

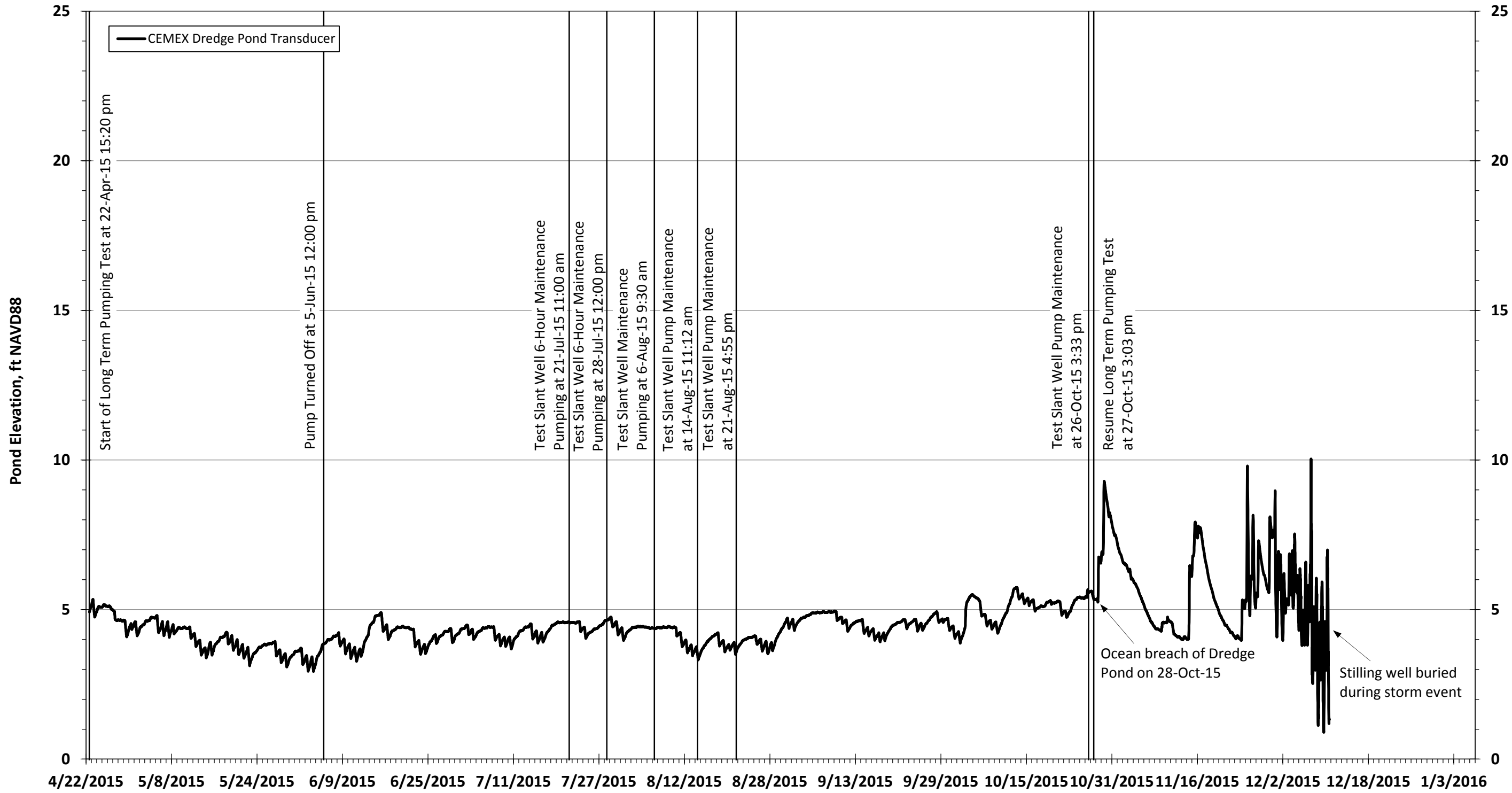
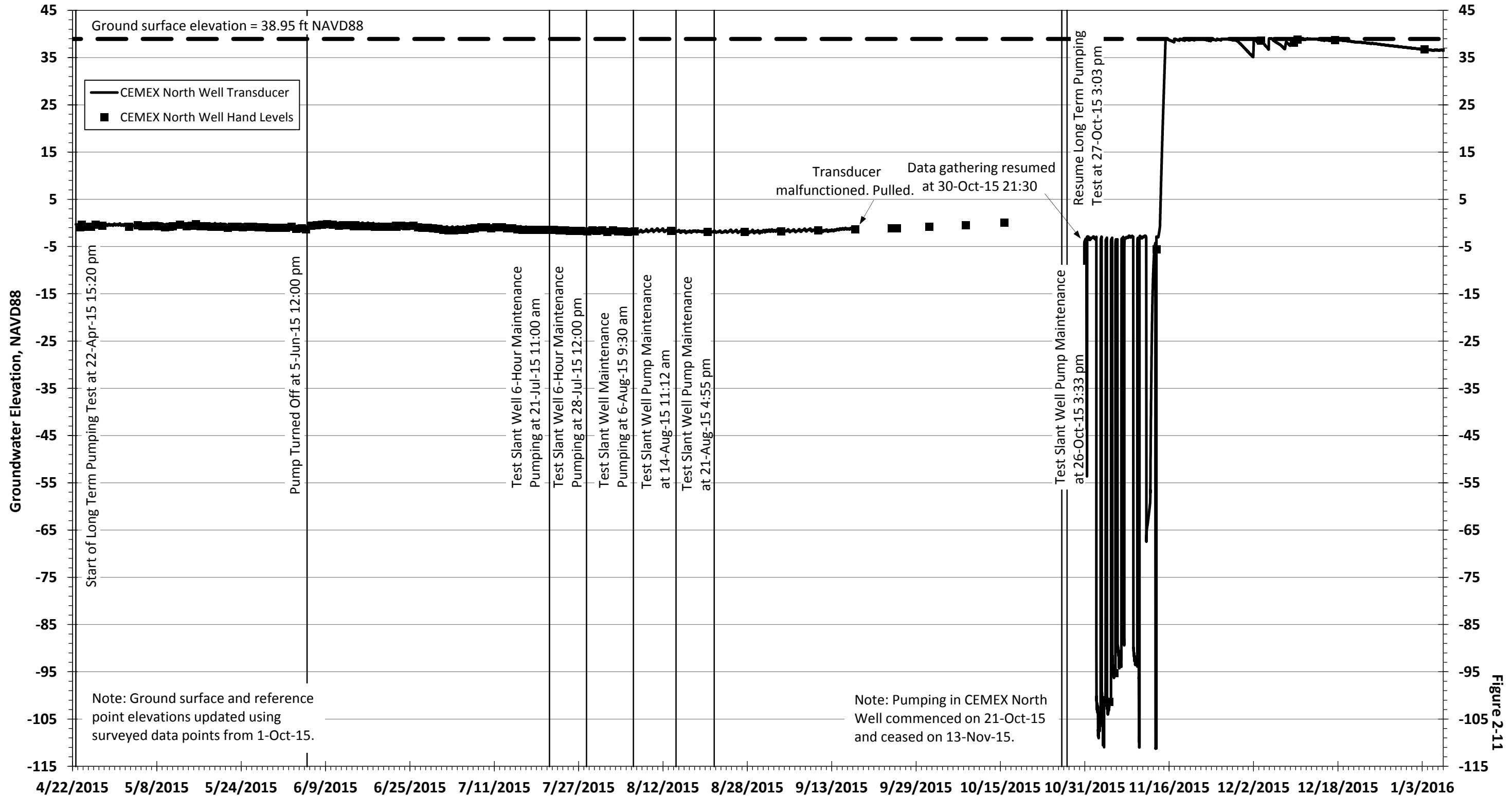


Figure 2-10

Groundwater Elevation in CEMEX North Well



Note: Ground surface and reference point elevations updated using surveyed data points from 1-Oct-15.

Note: Pumping in CEMEX North Well commenced on 21-Oct-15 and ceased on 13-Nov-15.

Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well

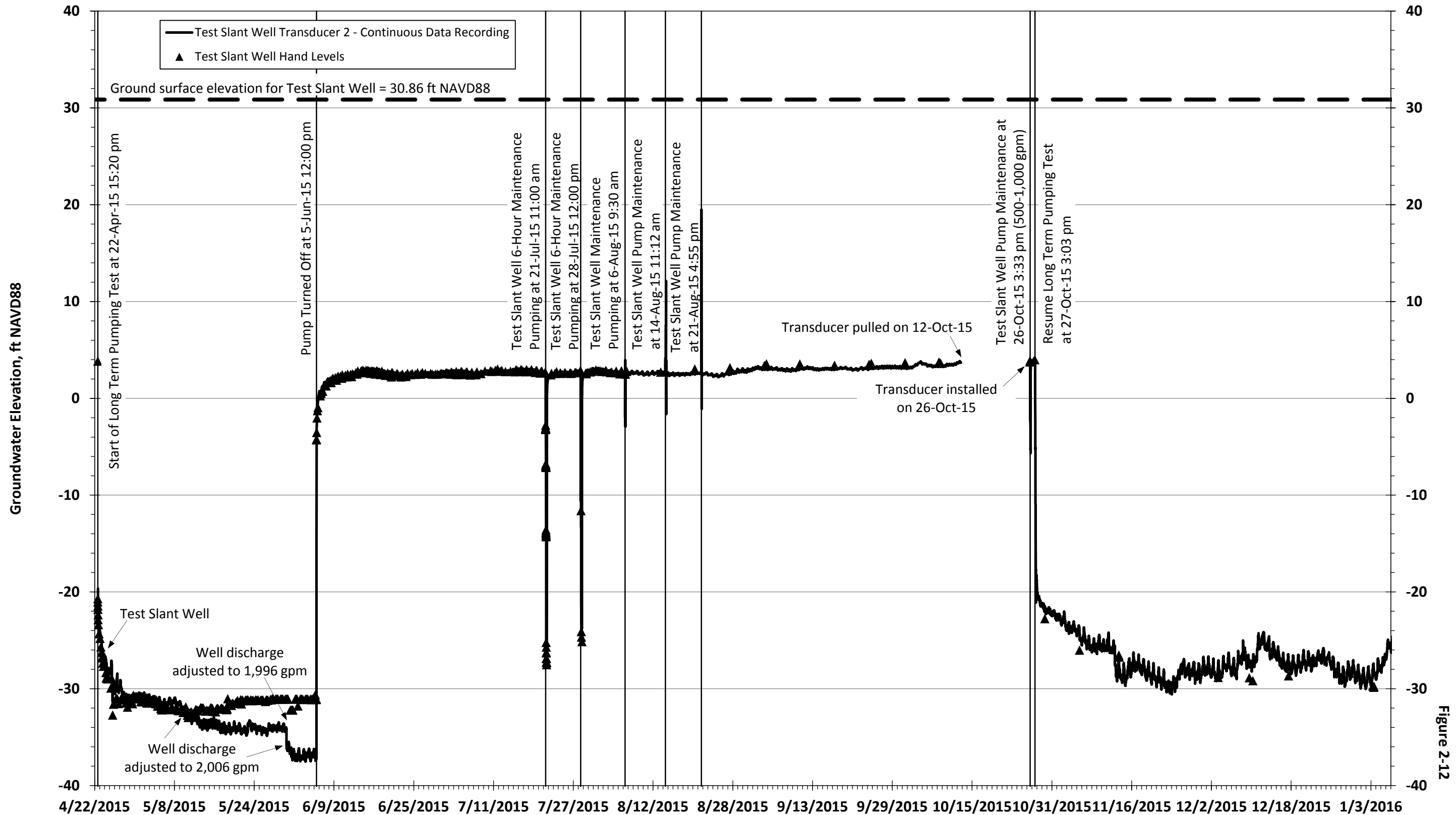


Figure 2-12

Specific Conductivity in MPWSP MW-1

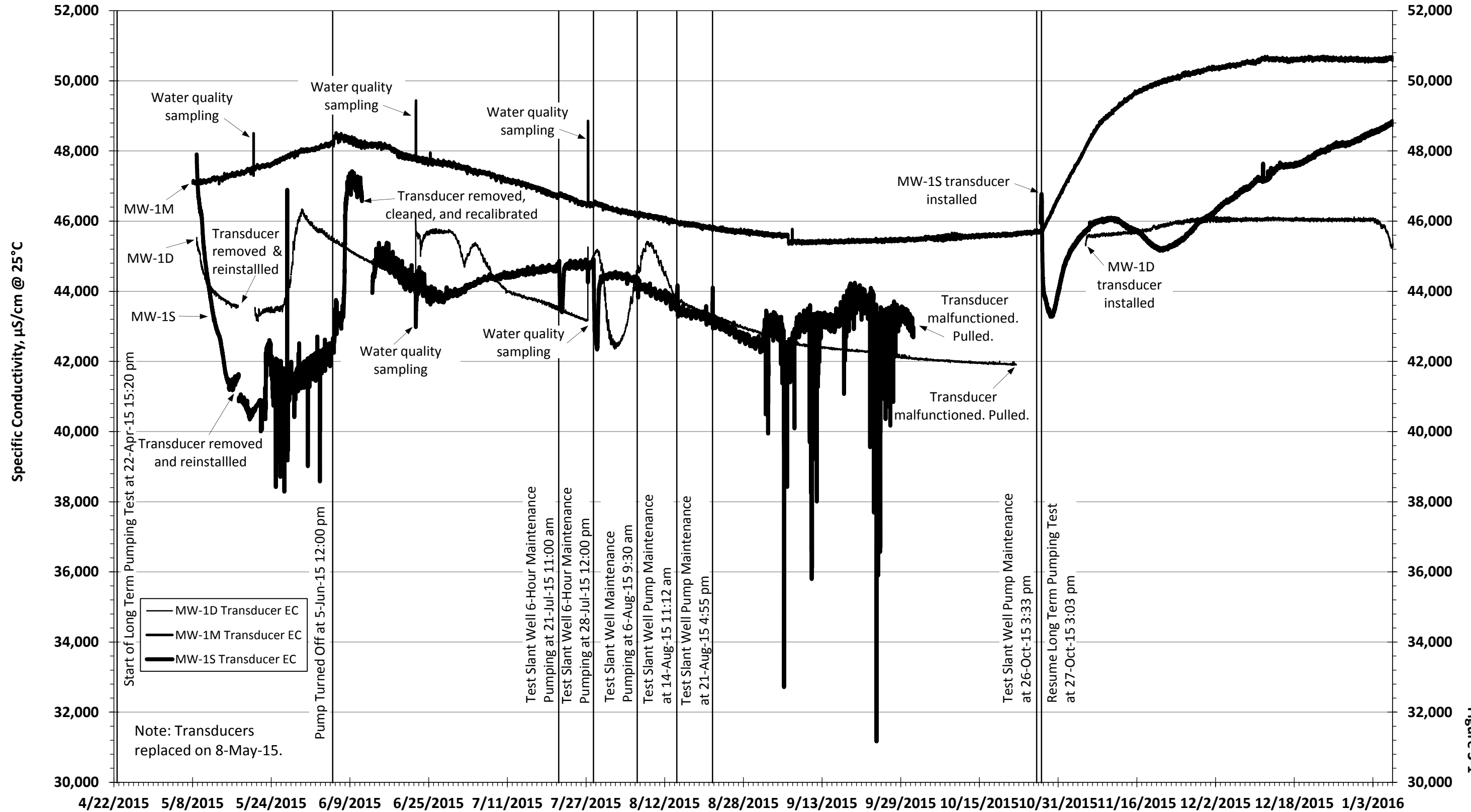


Figure 3-1

Specific Conductivity in MPWSP MW-3

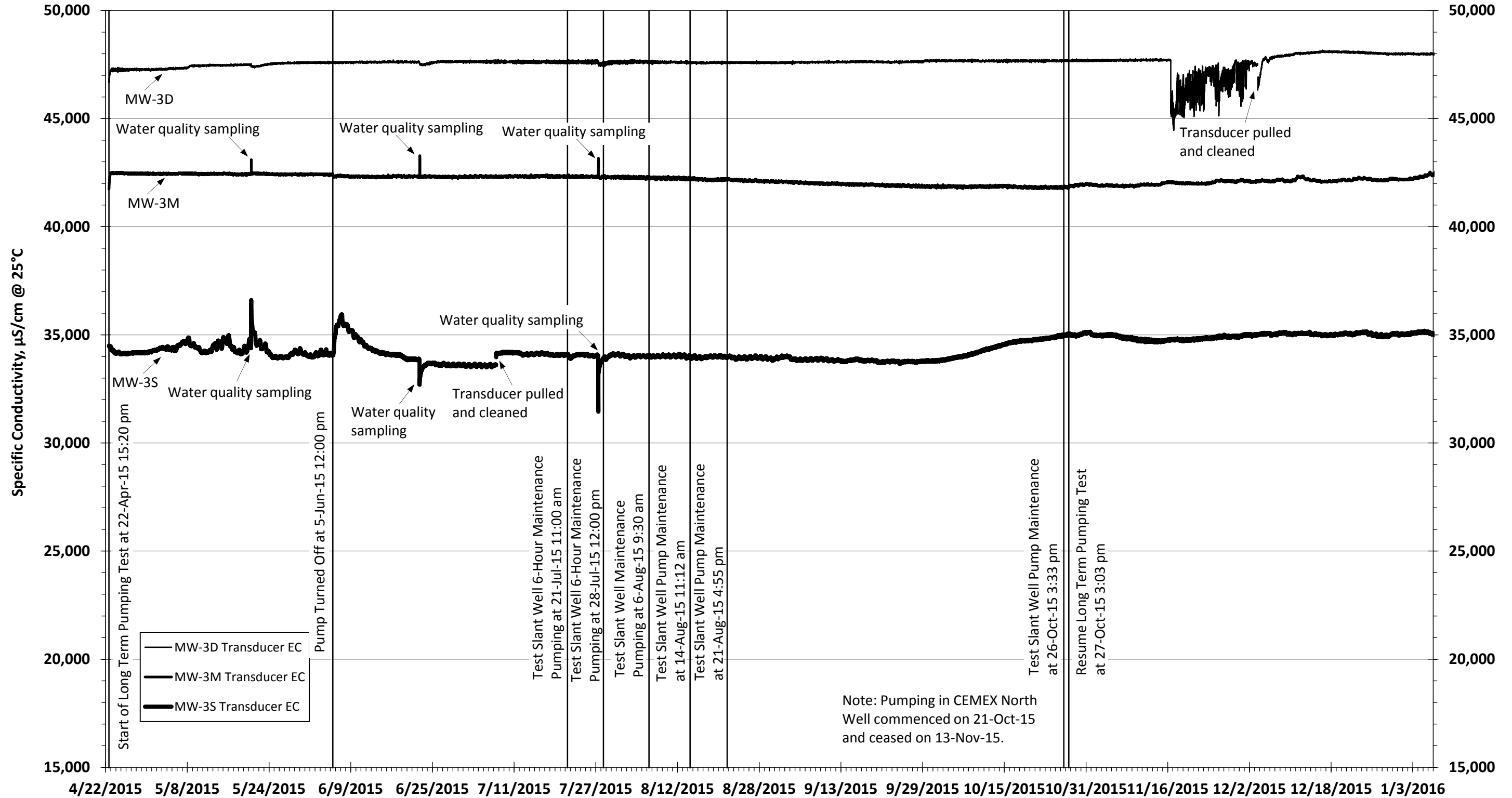


Figure 3-2

Specific Conductivity in MPWSP MW-4

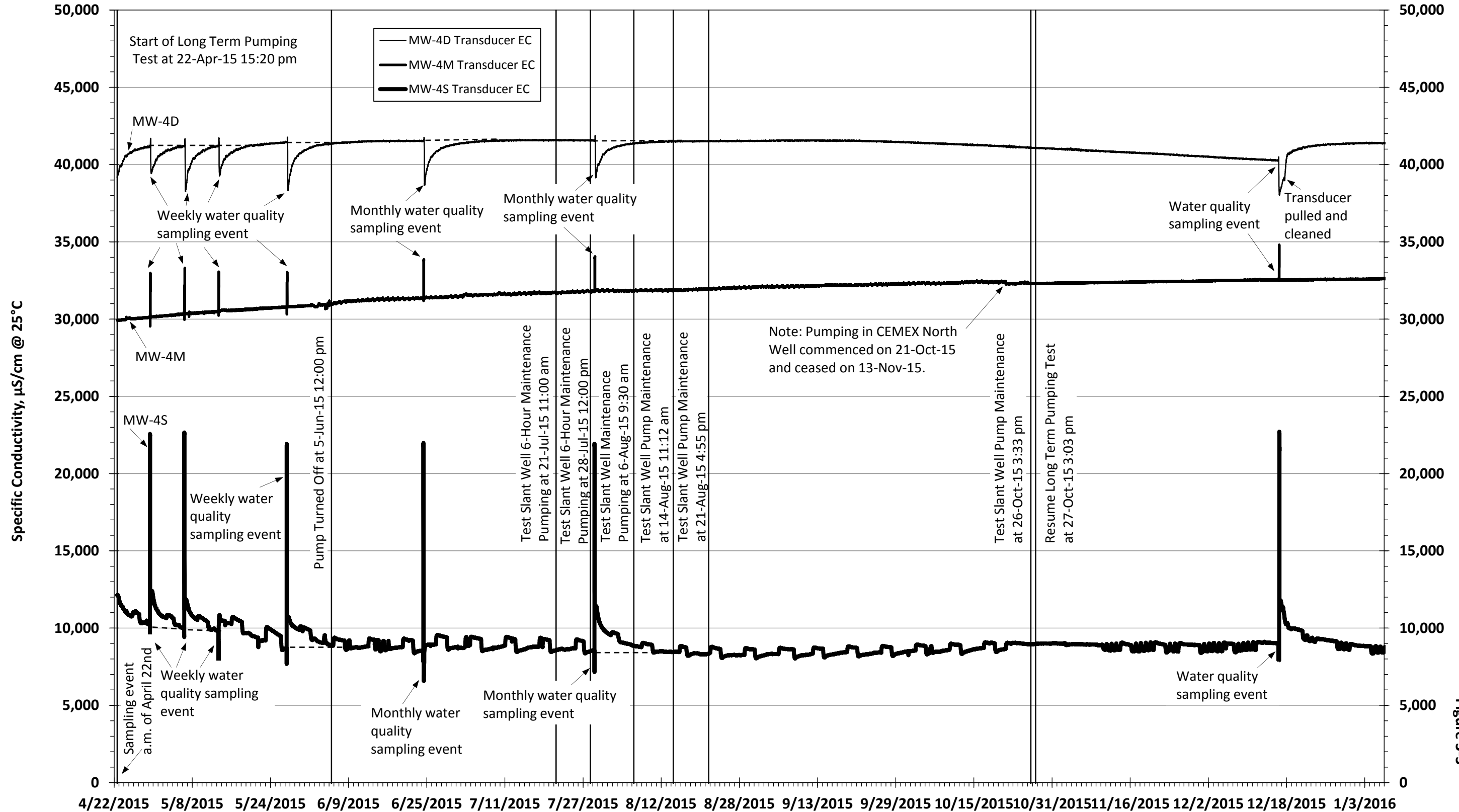


Figure 3-3

Specific Conductivity in MPWSP MW-5

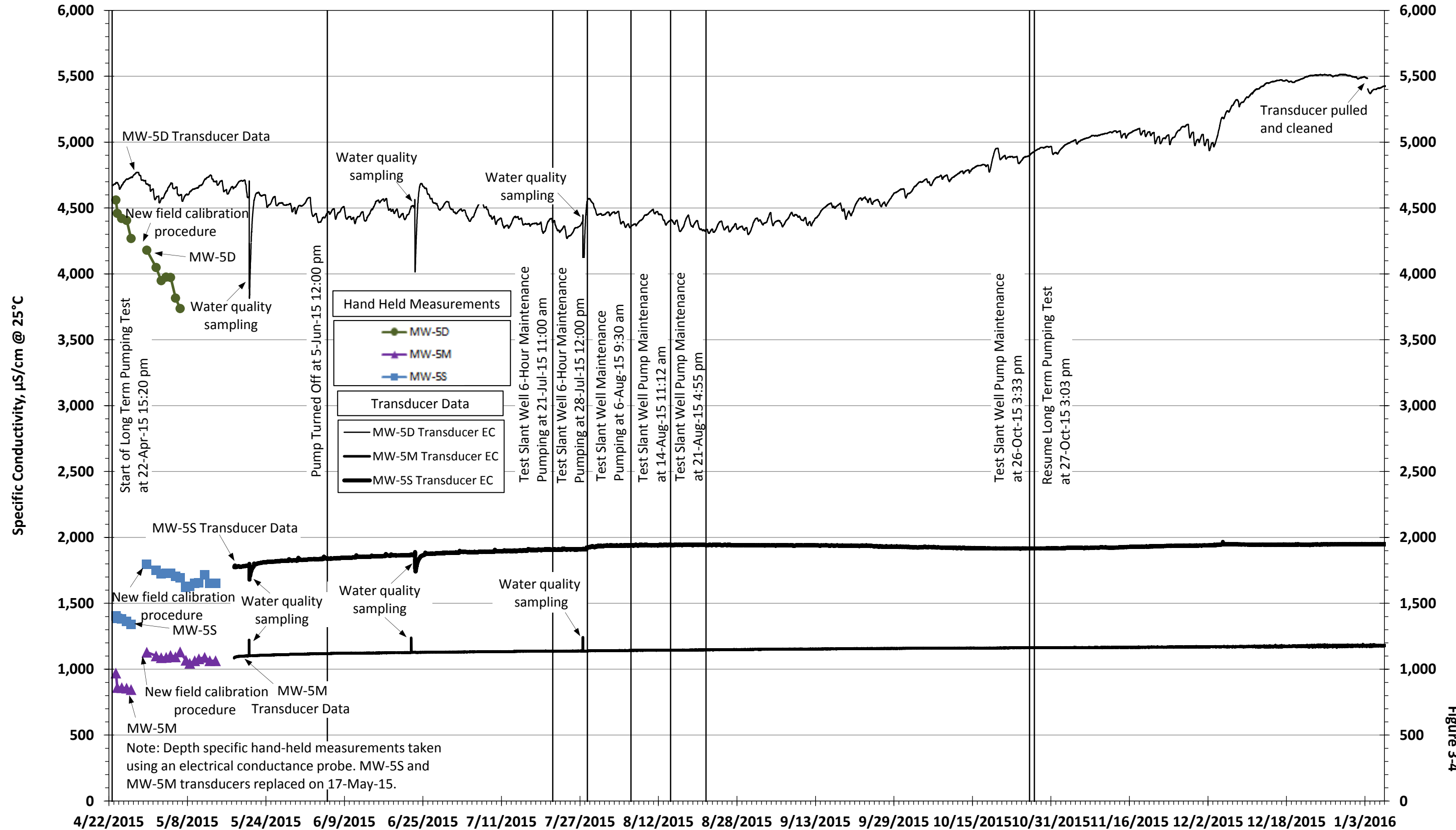


Figure 3-4

Specific Conductivity in MPWSP MW-6

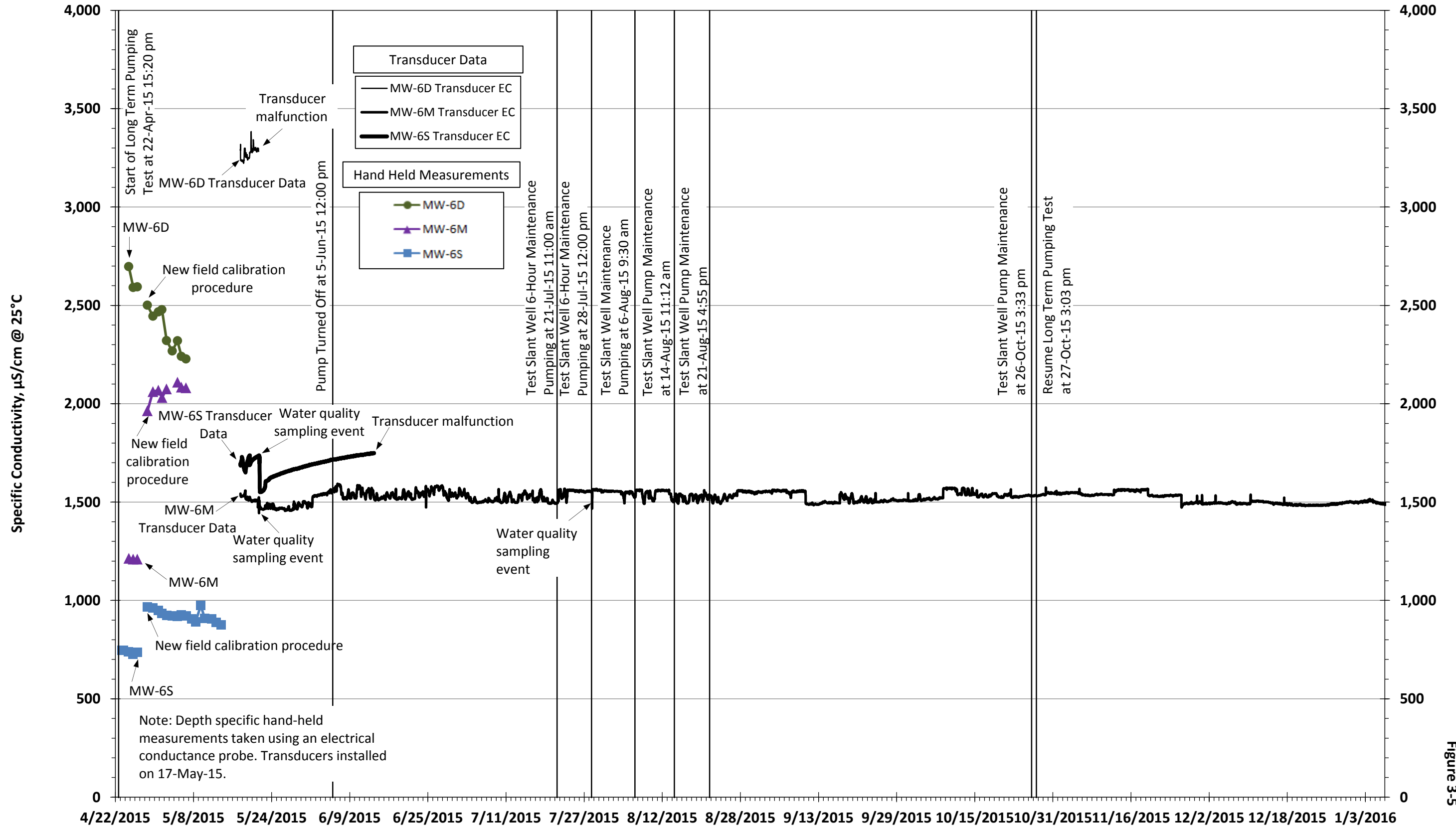


Figure 3-5

Specific Conductivity in MPWSP MW-7

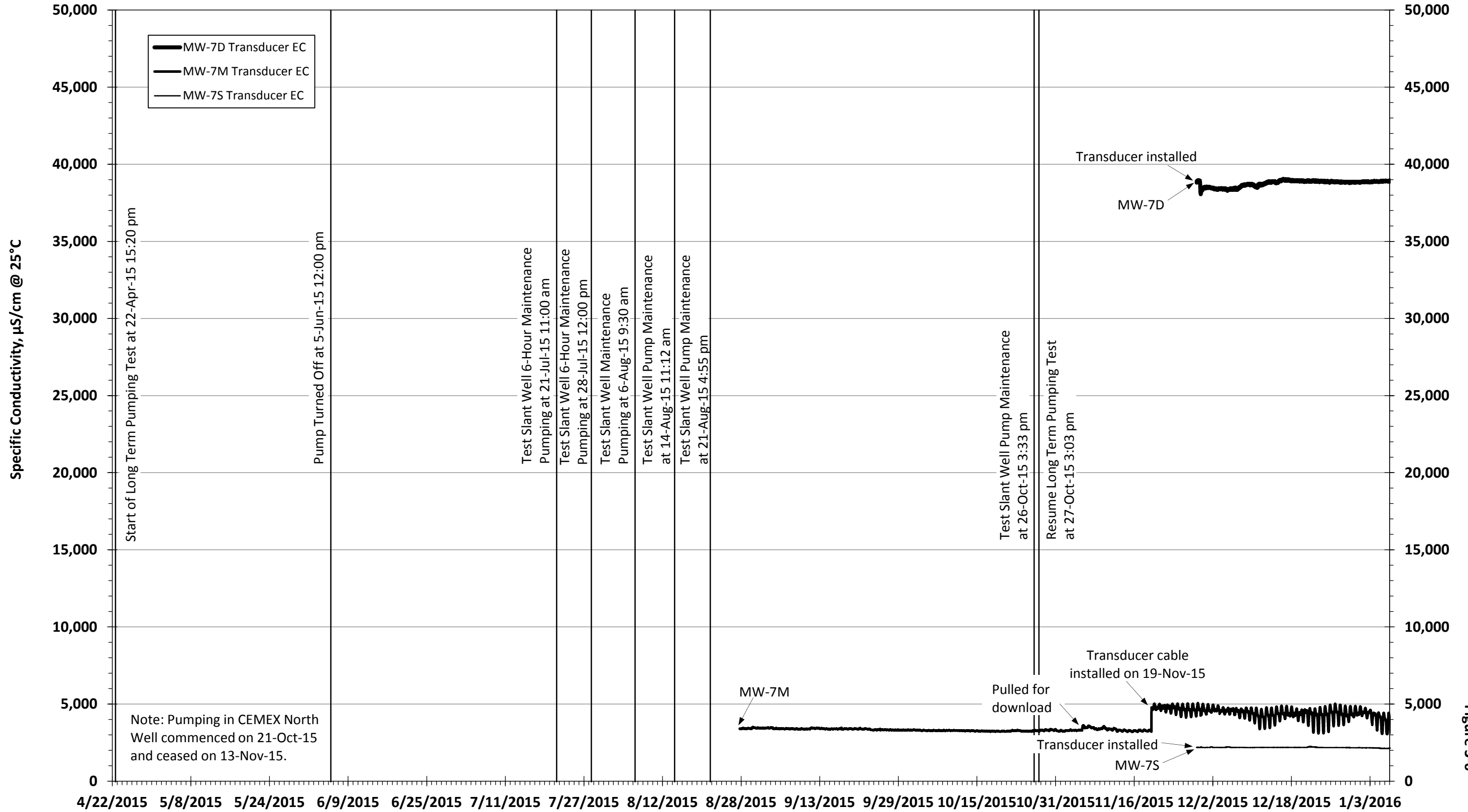


Figure 3-6

Specific Conductivity in MPWSP MW-8M

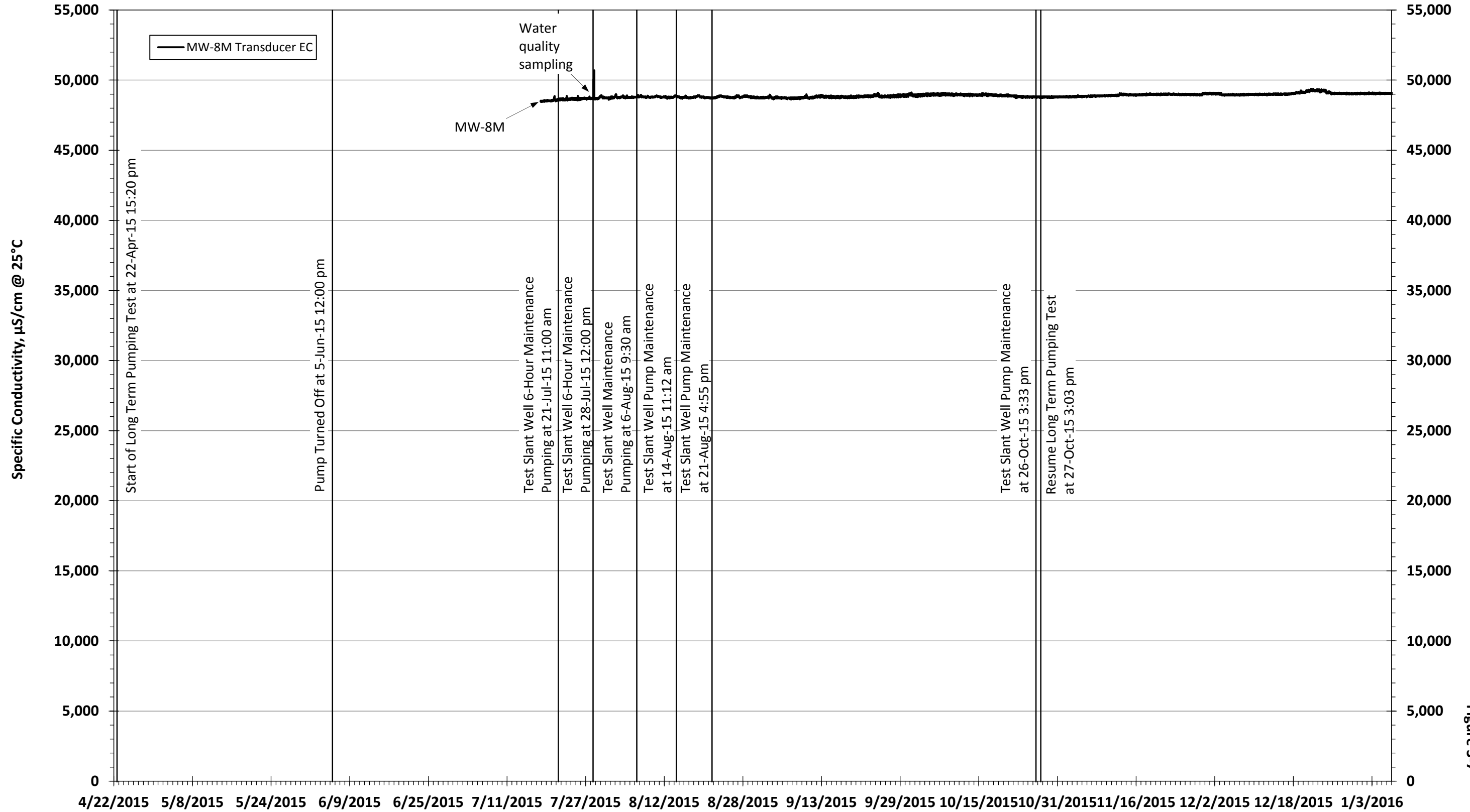


Figure 3-7

Specific Conductivity in MPWSP MW-9M

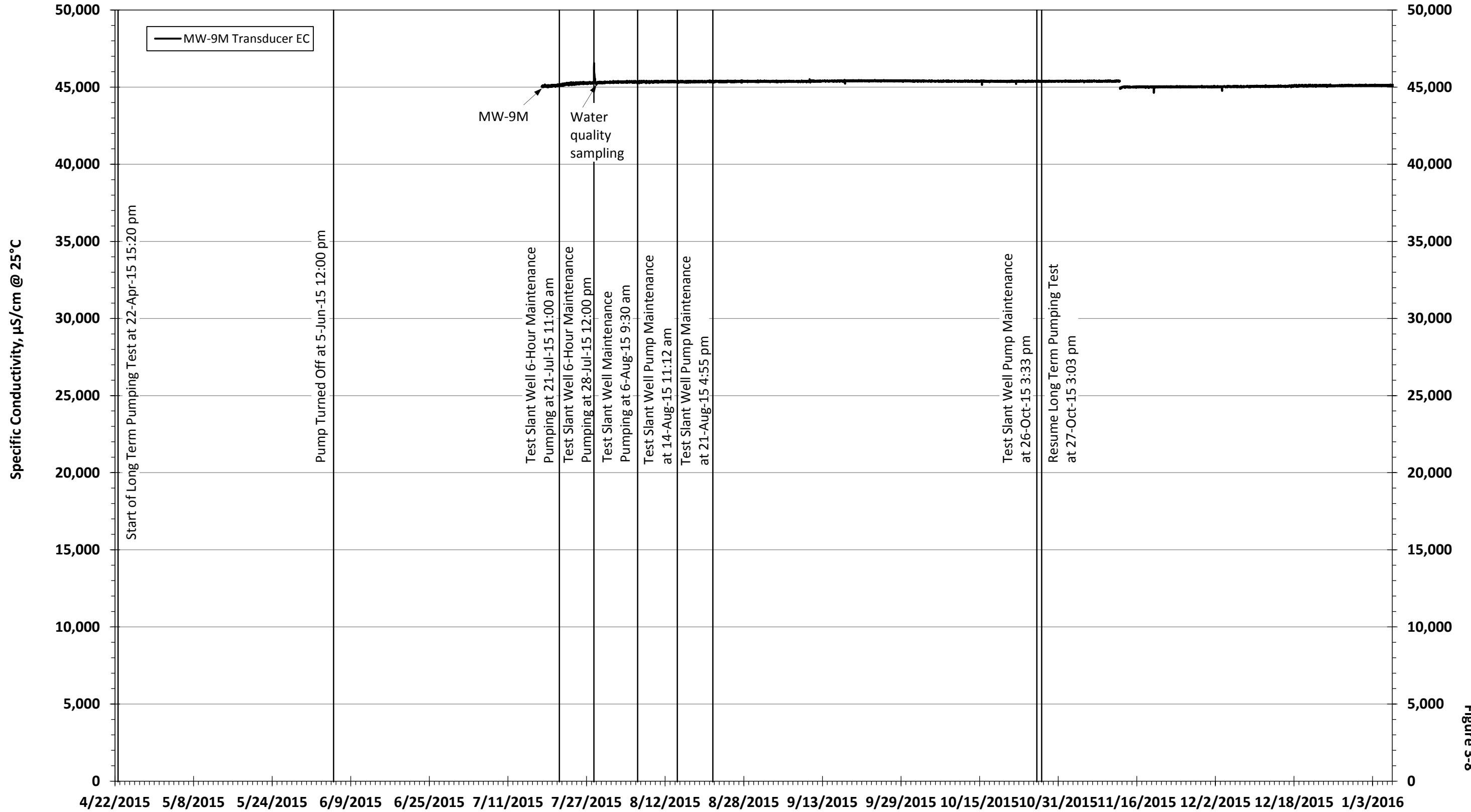


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

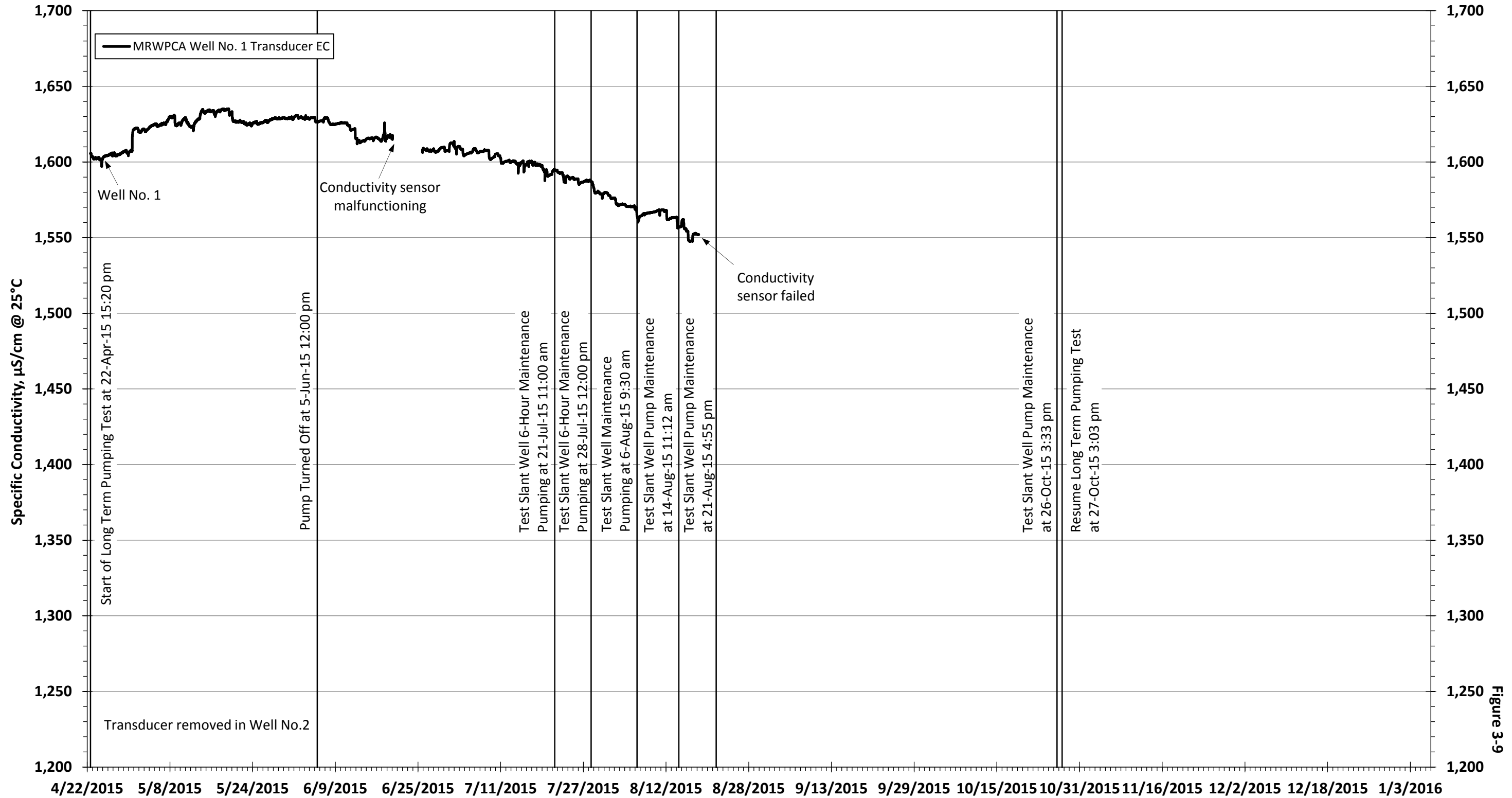


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

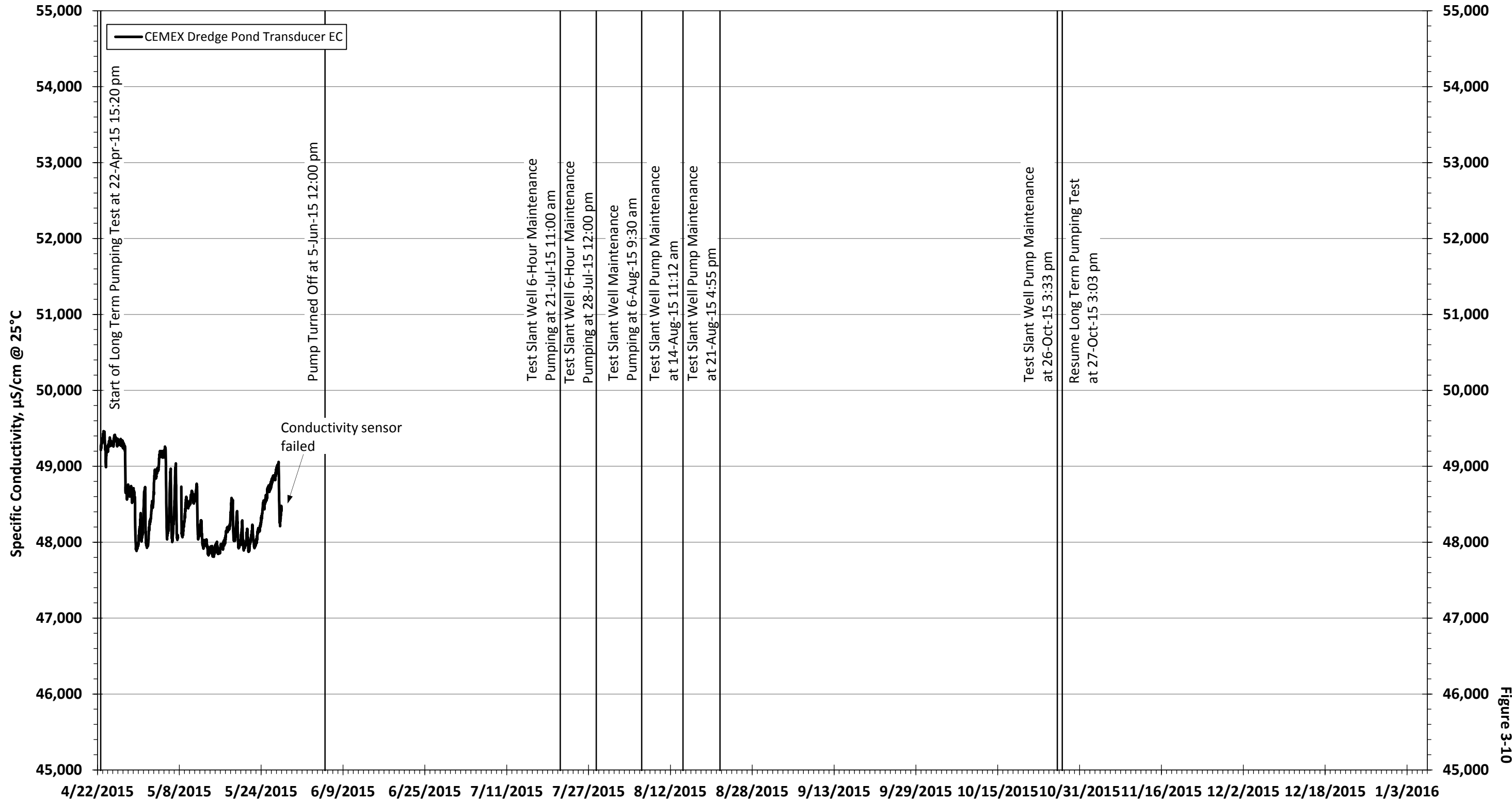


Figure 3-10

Specific Conductivity in CEMEX North Well

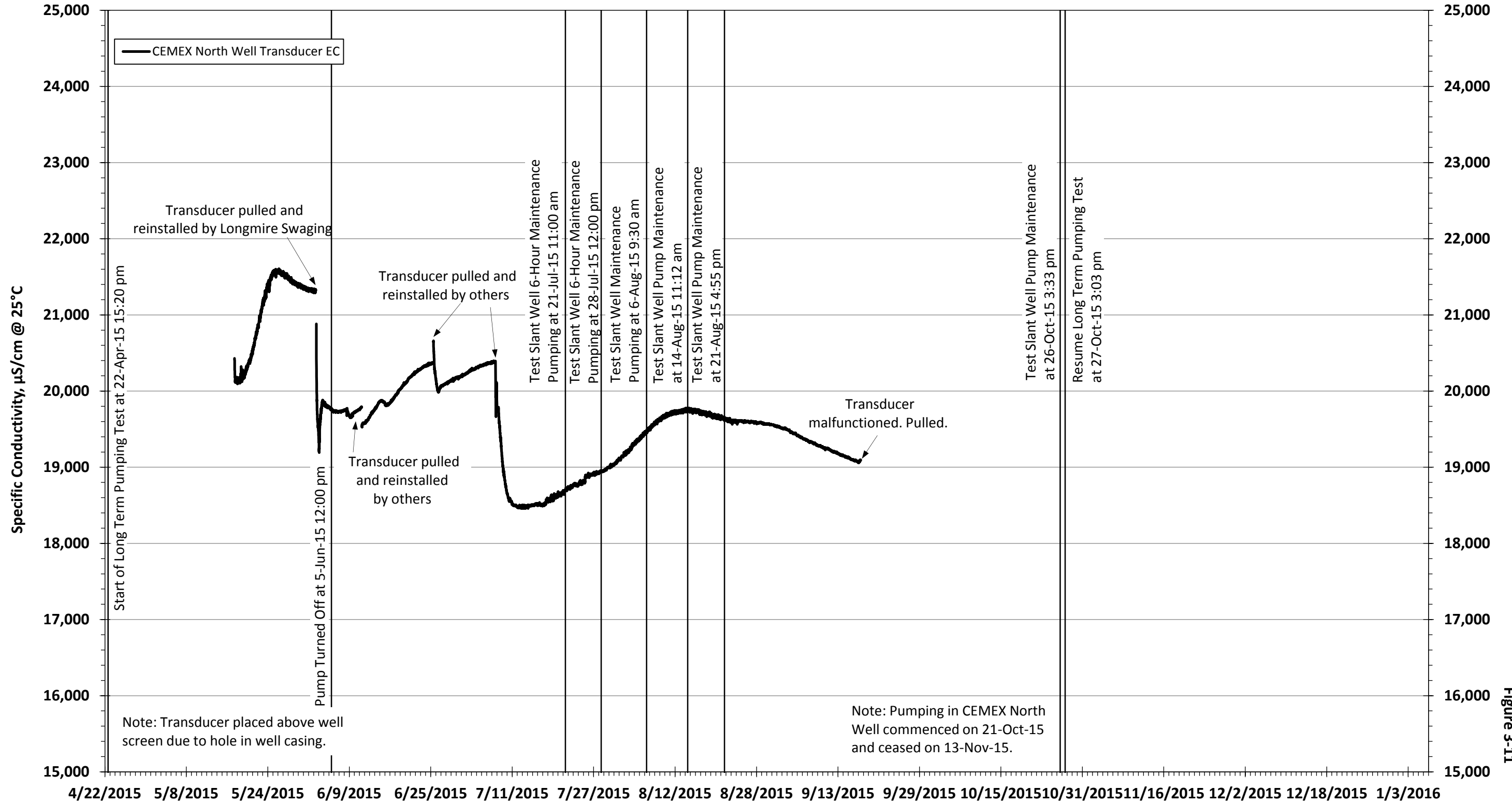


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

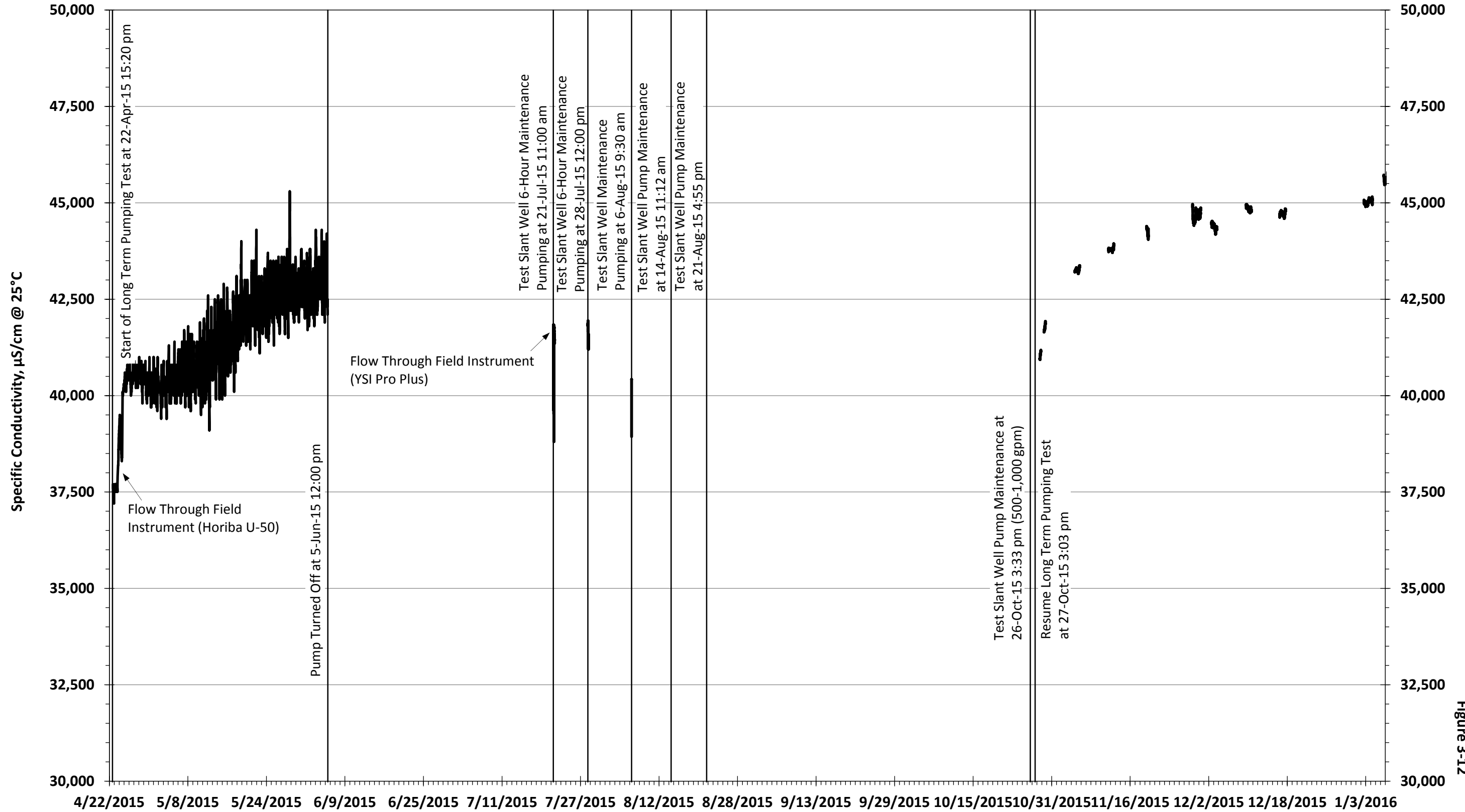


Figure 3-12

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

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".

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

30-December-15 - 6-January-16



Report Date: 1/11/2016 11:31:57 AM
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_2016-01-07_10-07-06-249.wsl
Create Date: 1/7/2016 10:07:01 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
1/3/2016 9:47:16 AM	Log Download - Used Battery: 9% Used Memory: 9% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 5:45:00 PM
1/7/2016 10:06:29 AM	Log Download - Used Battery: 10% Used Memory: 9% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM

Log Data:

Record Count: 673

Sensors: 1

1 - 398881: PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Standard Time

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
12/31/2015 12:00:00 AM	2674800.000	122.153	19.186	275.161
40934.078	46047.684	30.138	31312.428	24.430
1.021				
12/31/2015 12:15:00 AM	2675700.000	122.196	19.188	275.259
40919.203	46028.453	30.124	31299.350	24.438
1.021				
12/31/2015 12:30:00 AM	2676600.000	122.221	19.184	275.315
40921.938	46035.492	30.129	31304.137	24.437
1.021				
12/31/2015 12:45:00 AM	2677500.000	122.255	19.187	275.392
40953.203	46068.504	30.153	31326.584	24.418

1.021					
12/31/2015 1:00:00 AM	2678400.000	122.323	19.191	275.545	
40955.055	46066.629	30.152	31325.311	24.417	
1.021					
12/31/2015 1:15:00 AM	2679300.000	122.353	19.193	275.612	
40968.297	46079.195	30.161	31333.855	24.409	
1.021					
12/31/2015 1:30:00 AM	2680200.000	122.380	19.193	275.672	
40986.676	46099.434	30.176	31347.615	24.398	
1.021					
12/31/2015 1:45:00 AM	2681100.000	122.391	19.190	275.697	
40929.438	46037.988	30.131	31305.834	24.432	
1.021					
12/31/2015 2:00:00 AM	2682000.000	122.413	19.190	275.748	
40927.020	46035.438	30.129	31304.100	24.434	
1.021					
12/31/2015 2:15:00 AM	2682900.000	122.470	19.186	275.875	
40930.137	46043.086	30.134	31309.299	24.432	
1.021					
12/31/2015 2:30:00 AM	2683800.000	122.455	19.189	275.842	
40903.098	46009.652	30.110	31286.566	24.448	
1.021					
12/31/2015 2:45:00 AM	2684700.000	122.463	19.189	275.860	
40954.145	46067.160	30.152	31325.672	24.418	
1.021					
12/31/2015 3:00:00 AM	2685600.000	122.482	19.188	275.902	
40915.211	46024.648	30.121	31296.762	24.441	
1.021					
12/31/2015 3:15:00 AM	2686500.000	122.504	19.190	275.953	
40976.664	46091.016	30.170	31341.893	24.404	
1.021					
12/31/2015 3:30:00 AM	2687400.000	122.514	19.192	275.974	
40931.082	46038.621	30.131	31306.264	24.431	
1.021					
12/31/2015 3:45:00 AM	2688300.000	122.493	19.191	275.928	
40950.746	46061.785	30.148	31322.016	24.420	
1.021					
12/31/2015 4:00:00 AM	2689200.000	122.514	19.199	275.974	
40965.406	46069.473	30.154	31327.244	24.411	
1.021					
12/31/2015 4:15:00 AM	2690100.000	122.510	19.187	275.966	
40962.590	46078.723	30.160	31333.533	24.413	
1.021					
12/31/2015 4:30:00 AM	2691000.000	122.475	19.188	275.886	
40922.508	46032.945	30.127	31302.404	24.436	
1.021					
12/31/2015 4:45:00 AM	2691900.000	122.469	19.187	275.873	
40919.664	46030.172	30.125	31300.520	24.438	
1.021					
12/31/2015 5:00:00 AM	2692800.000	122.443	19.194	275.816	
40959.277	46067.844	30.153	31326.135	24.414	
1.021					
12/31/2015 5:15:00 AM	2693700.000	122.442	19.188	275.813	
40925.512	46036.410	30.130	31304.762	24.435	
1.021					
12/31/2015 5:30:00 AM	2694600.000	122.395	19.193	275.707	

40939.727	46047.063	30.138	31312.004	24.426
1.021				
12/31/2015 5:45:00 AM	2695500.000	122.384	19.186	275.683
40919.215	46030.449	30.125	31300.707	24.438
1.021				
12/31/2015 6:00:00 AM	2696400.000	122.396	19.193	275.708
40943.980	46052.188	30.141	31315.488	24.424
1.021				
12/31/2015 6:15:00 AM	2697300.000	122.344	19.193	275.593
40915.238	46019.770	30.118	31293.445	24.441
1.021				
12/31/2015 6:30:00 AM	2698200.000	122.322	19.196	275.543
40923.211	46025.387	30.122	31297.266	24.436
1.021				
12/31/2015 6:45:00 AM	2699100.000	122.310	19.195	275.514
40967.617	46076.188	30.159	31331.811	24.410
1.021				
12/31/2015 7:00:00 AM	2700000.000	122.293	19.191	275.477
40929.664	46037.887	30.131	31305.766	24.432
1.021				
12/31/2015 7:15:00 AM	2700900.000	122.270	19.190	275.425
40946.164	46056.969	30.145	31318.738	24.422
1.021				
12/31/2015 7:30:00 AM	2701800.000	122.261	19.192	275.404
40938.762	46046.410	30.137	31311.561	24.427
1.021				
12/31/2015 7:45:00 AM	2702700.000	122.219	19.187	275.309
40935.066	46047.852	30.138	31312.541	24.429
1.021				
12/31/2015 8:00:00 AM	2703600.000	122.202	19.184	275.273
40926.699	46041.367	30.133	31308.133	24.434
1.021				
12/31/2015 8:15:00 AM	2704500.000	122.210	19.193	275.290
40946.191	46054.078	30.143	31316.773	24.422
1.021				
12/31/2015 8:30:00 AM	2705400.000	122.186	19.184	275.236
40937.820	46053.789	30.142	31316.578	24.427
1.021				
12/31/2015 8:45:00 AM	2706300.000	122.164	19.188	275.187
40905.996	46014.109	30.113	31289.594	24.446
1.021				
12/31/2015 9:00:00 AM	2707200.000	122.208	19.186	275.284
40953.352	46069.199	30.153	31327.059	24.418
1.021				
12/31/2015 9:15:00 AM	2708100.000	122.169	19.186	275.197
40948.426	46063.574	30.149	31323.232	24.421
1.021				
12/31/2015 9:30:00 AM	2709000.000	122.182	19.187	275.228
40926.973	46038.391	30.131	31306.107	24.434
1.021				
12/31/2015 9:45:00 AM	2709900.000	122.181	19.189	275.226
40914.203	46022.316	30.119	31295.178	24.441
1.021				
12/31/2015 10:00:00 AM	0.000	122.189	19.185	275.243
40882.461	45990.742	30.096	31273.707	24.460
1.021				

12/31/2015 10:15:00 AM	900.000	122.184	19.185	275.231
40951.074	46067.664	30.152	31326.014	24.419
1.021				
12/31/2015 10:30:00 AM	1800.000	122.179	19.181	275.221
40973.031	46095.898	30.173	31345.213	24.406
1.021				
12/31/2015 10:45:00 AM	2700.000	122.192	19.184	275.250
40932.652	46048.402	30.138	31312.916	24.430
1.021				
12/31/2015 11:00:00 AM	3600.000	122.234	19.189	275.344
40905.516	46012.711	30.112	31288.646	24.447
1.021				
12/31/2015 11:15:00 AM	4500.000	122.221	19.181	275.315
40881.348	45993.191	30.098	31275.373	24.461
1.021				
12/31/2015 11:30:00 AM	5400.000	122.238	19.183	275.354
40906.879	46019.922	30.117	31293.549	24.446
1.021				
12/31/2015 11:45:00 AM	6300.000	122.276	19.186	275.438
40927.254	46039.758	30.132	31307.037	24.434
1.021				
12/31/2015 12:00:00 PM	7200.000	122.263	19.190	275.410
40917.840	46025.031	30.121	31297.023	24.439
1.021				
12/31/2015 12:15:00 PM	8100.000	122.317	19.186	275.531
40939.410	46053.250	30.142	31316.211	24.426
1.021				
12/31/2015 12:30:00 PM	9000.000	122.301	19.192	275.496
40932.492	46040.207	30.133	31307.342	24.430
1.021				
12/31/2015 12:45:00 PM	9900.000	122.342	19.190	275.587
40922.969	46031.488	30.126	31301.414	24.436
1.021				
12/31/2015 1:00:00 PM	10800.000	122.356	19.190	275.618
40937.730	46047.406	30.138	31312.238	24.427
1.021				
12/31/2015 1:15:00 PM	11700.000	122.350	19.187	275.605
40911.465	46020.863	30.118	31294.189	24.443
1.021				
12/31/2015 1:30:00 PM	12600.000	122.357	19.186	275.621
40894.664	46003.008	30.105	31282.047	24.453
1.021				
12/31/2015 1:45:00 PM	13500.000	122.354	19.194	275.615
40931.191	46036.859	30.130	31305.064	24.431
1.021				
12/31/2015 2:00:00 PM	14400.000	122.397	19.187	275.711
40924.230	46035.059	30.129	31303.840	24.435
1.021				
12/31/2015 2:15:00 PM	15300.000	122.371	19.189	275.652
40945.840	46057.465	30.145	31319.078	24.423
1.021				
12/31/2015 2:30:00 PM	16200.000	122.409	19.195	275.737
40929.316	46033.277	30.128	31302.629	24.432
1.021				
12/31/2015 2:45:00 PM	17100.000	122.360	19.191	275.629
40930.699	46038.715	30.131	31306.328	24.432

1.021				
12/31/2015 3:00:00 PM	18000.000	122.371	19.200	275.652
40896.367	45991.660	30.098	31274.332	24.452
1.021				
12/31/2015 3:15:00 PM	18900.000	122.384	19.196	275.683
40950.027	46055.621	30.144	31317.824	24.420
1.021				
12/31/2015 3:30:00 PM	19800.000	122.349	19.195	275.603
40960.906	46068.723	30.154	31326.734	24.414
1.021				
12/31/2015 3:45:00 PM	20700.000	122.367	19.194	275.643
40913.016	46016.418	30.115	31291.166	24.442
1.021				
12/31/2015 4:00:00 PM	21600.000	122.316	19.192	275.528
40935.582	46042.832	30.135	31309.127	24.429
1.021				
12/31/2015 4:15:00 PM	22500.000	122.330	19.191	275.561
40936.266	46044.973	30.136	31310.584	24.428
1.021				
12/31/2015 4:30:00 PM	23400.000	122.270	19.185	275.426
40917.430	46029.641	30.125	31300.158	24.439
1.021				
12/31/2015 4:45:00 PM	24300.000	122.287	19.186	275.464
40923.527	46036.156	30.129	31304.588	24.436
1.021				
12/31/2015 5:00:00 PM	25200.000	122.265	19.191	275.415
40934.918	46043.641	30.135	31309.678	24.429
1.021				
12/31/2015 5:15:00 PM	26100.000	122.205	19.182	275.278
40946.781	46065.680	30.151	31324.664	24.422
1.021				
12/31/2015 5:30:00 PM	27000.000	122.178	19.186	275.218
40925.441	46037.719	30.130	31305.650	24.435
1.021				
12/31/2015 5:45:00 PM	27900.000	122.150	19.190	275.155
40936.477	46046.418	30.137	31311.564	24.428
1.021				
12/31/2015 6:00:00 PM	28800.000	122.112	19.179	275.070
40919.293	46037.336	30.130	31305.389	24.438
1.021				
12/31/2015 6:15:00 PM	29700.000	122.121	19.184	275.090
40914.836	46028.105	30.123	31299.113	24.441
1.021				
12/31/2015 6:30:00 PM	30600.000	122.085	19.184	275.009
40915.582	46029.199	30.124	31299.855	24.441
1.021				
12/31/2015 6:45:00 PM	31500.000	122.036	19.183	274.899
40901.656	46014.492	30.113	31289.857	24.449
1.021				
12/31/2015 7:00:00 PM	32400.000	122.009	19.185	274.836
40931.652	46045.391	30.136	31310.867	24.431
1.021				
12/31/2015 7:15:00 PM	33300.000	121.975	19.187	274.761
40942.746	46056.402	30.144	31318.355	24.424
1.021				
12/31/2015 7:30:00 PM	34200.000	121.970	19.188	274.749

40917.652	46027.395	30.123	31298.629	24.439
1.021				
12/31/2015 7:45:00 PM	35100.000	121.929	19.182	274.657
40902.398	46016.016	30.114	31290.893	24.448
1.021				
12/31/2015 8:00:00 PM	36000.000	121.926	19.176	274.649
40907.988	46027.973	30.123	31299.023	24.445
1.021				
12/31/2015 8:15:00 PM	36900.000	121.905	19.177	274.602
40923.082	46044.531	30.135	31310.283	24.436
1.021				
12/31/2015 8:30:00 PM	37800.000	121.884	19.177	274.556
40940.844	46063.742	30.149	31323.348	24.425
1.021				
12/31/2015 8:45:00 PM	38700.000	121.912	19.177	274.619
40899.887	46017.918	30.116	31292.186	24.450
1.021				
12/31/2015 9:00:00 PM	39600.000	121.879	19.189	274.545
40916.805	46025.242	30.122	31297.164	24.440
1.021				
12/31/2015 9:15:00 PM	40500.000	121.902	19.191	274.596
40902.402	46006.719	30.108	31284.570	24.448
1.021				
12/31/2015 9:30:00 PM	41400.000	121.911	19.194	274.616
40952.820	46061.188	30.148	31321.609	24.418
1.021				
12/31/2015 9:45:00 PM	42300.000	121.906	19.181	274.606
40921.402	46038.336	30.131	31306.070	24.437
1.021				
12/31/2015 10:00:00 PM	43200.000	121.901	19.175	274.594
40864.891	45980.348	30.088	31266.639	24.471
1.021				
12/31/2015 10:15:00 PM	44100.000	121.899	19.175	274.589
40944.914	46070.914	30.154	31328.225	24.423
1.021				
12/31/2015 10:30:00 PM	45000.000	121.916	19.185	274.628
40919.434	46032.418	30.127	31302.045	24.438
1.021				
12/31/2015 10:45:00 PM	45900.000	121.943	19.184	274.688
40907.781	46019.648	30.117	31293.363	24.445
1.021				
12/31/2015 11:00:00 PM	46800.000	121.955	19.188	274.716
40932.426	46043.234	30.135	31309.402	24.431
1.021				
12/31/2015 11:15:00 PM	47700.000	122.015	19.193	274.851
40924.445	46029.617	30.125	31300.143	24.435
1.021				
12/31/2015 11:30:00 PM	48600.000	122.021	19.188	274.864
40909.324	46018.117	30.116	31292.322	24.444
1.021				
12/31/2015 11:45:00 PM	49500.000	122.083	19.187	275.004
40950.461	46065.258	30.151	31324.377	24.420
1.021				
1/1/2016 12:00:00 AM	50400.000	122.109	19.183	275.063
40941.801	46058.789	30.146	31319.979	24.425
1.021				

1/1/2016 12:15:00 AM 40929.594 1.021	51300.000 46038.504	122.126 30.131	19.190 31306.186	275.101 24.432
1/1/2016 12:30:00 AM 40928.426 1.021	52200.000 46032.625	122.147 30.127	19.195 31302.188	275.148 24.433
1/1/2016 12:45:00 AM 40933.582 1.021	53100.000 46042.477	122.205 30.134	19.191 31308.885	275.279 24.430
1/1/2016 1:00:00 AM 40930.711 1.021	54000.000 46036.742	122.262 30.130	19.193 31304.984	275.407 24.432
1/1/2016 1:15:00 AM 40924.926 1.021	54900.000 46036.090	122.292 30.129	19.187 31304.543	275.474 24.435
1/1/2016 1:30:00 AM 40932.820 1.021	55800.000 46041.016	122.327 30.133	19.191 31307.893	275.553 24.430
1/1/2016 1:45:00 AM 40945.906 1.021	56700.000 46061.164	122.362 30.148	19.186 31321.592	275.633 24.422
1/1/2016 2:00:00 AM 40935.098 1.021	57600.000 46043.230	122.380 30.135	19.192 31309.398	275.672 24.429
1/1/2016 2:15:00 AM 40943.516 1.021	58500.000 46043.559	122.391 30.135	19.201 31309.621	275.697 24.424
1/1/2016 2:30:00 AM 40941.078 1.021	59400.000 46050.387	122.444 30.140	19.191 31314.264	275.817 24.425
1/1/2016 2:45:00 AM 40932.445 1.021	60300.000 46036.535	122.432 30.130	19.195 31304.846	275.789 24.430
1/1/2016 3:00:00 AM 40918.125 1.021	61200.000 46023.801	122.473 30.121	19.192 31296.186	275.883 24.439
1/1/2016 3:15:00 AM 40990.633 1.021	62100.000 46107.941	122.477 30.182	19.189 31353.400	275.892 24.396
1/1/2016 3:30:00 AM 40919.992 1.021	63000.000 46029.434	122.494 30.125	19.188 31300.016	275.930 24.438
1/1/2016 3:45:00 AM 40938.184 1.021	63900.000 46042.988	122.507 30.135	19.195 31309.234	275.959 24.427
1/1/2016 4:00:00 AM 40914.109 1.021	64800.000 46018.500	122.510 30.117	19.193 31292.582	275.966 24.441
1/1/2016 4:15:00 AM 40913.387 1.021	65700.000 46012.098	122.551 30.112	19.198 31288.229	276.059 24.442
1/1/2016 4:30:00 AM 40925.840 1.021	66600.000 46028.418	122.526 30.124	19.196 31299.326	276.003 24.434
1/1/2016 4:45:00 AM 40966.195	67500.000 46077.176	122.550 30.160	19.193 31332.480	276.056 24.410

1.021				
1/1/2016 5:00:00 AM	68400.000	122.540	19.198	276.033
40955.328	46059.445	30.147	31320.426	24.417
1.021				
1/1/2016 5:15:00 AM	69300.000	122.518	19.194	275.984
40936.293	46042.168	30.134	31308.676	24.428
1.021				
1/1/2016 5:30:00 AM	70200.000	122.502	19.192	275.948
40922.004	46027.719	30.123	31298.852	24.437
1.021				
1/1/2016 5:45:00 AM	71100.000	122.494	19.197	275.929
40890.613	45988.023	30.095	31271.855	24.455
1.021				
1/1/2016 6:00:00 AM	72000.000	122.468	19.200	275.872
40947.660	46049.426	30.140	31313.609	24.421
1.021				
1/1/2016 6:15:00 AM	72900.000	122.432	19.201	275.789
40927.121	46025.039	30.122	31297.029	24.434
1.021				
1/1/2016 6:30:00 AM	73800.000	122.424	19.201	275.771
40918.730	46015.355	30.115	31290.443	24.439
1.021				
1/1/2016 6:45:00 AM	74700.000	122.394	19.193	275.704
40933.395	46040.027	30.132	31307.221	24.430
1.021				
1/1/2016 7:00:00 AM	75600.000	122.387	19.195	275.688
40954.914	46062.418	30.149	31322.447	24.417
1.021				
1/1/2016 7:15:00 AM	76500.000	122.351	19.189	275.608
40923.168	46032.648	30.127	31302.203	24.436
1.021				
1/1/2016 7:30:00 AM	77400.000	122.341	19.197	275.584
40953.652	46058.922	30.146	31320.068	24.418
1.021				
1/1/2016 7:45:00 AM	78300.000	122.307	19.198	275.508
40907.730	46005.828	30.108	31283.965	24.445
1.021				
1/1/2016 8:00:00 AM	79200.000	122.289	19.192	275.467
40907.480	46012.168	30.112	31288.277	24.445
1.021				
1/1/2016 8:15:00 AM	80100.000	122.262	19.189	275.407
40927.883	46037.871	30.131	31305.754	24.433
1.021				
1/1/2016 8:30:00 AM	81000.000	122.231	19.191	275.337
40882.645	45984.313	30.092	31269.332	24.460
1.021				
1/1/2016 8:45:00 AM	81900.000	122.198	19.188	275.262
40939.910	46052.262	30.141	31315.541	24.426
1.021				
1/1/2016 9:00:00 AM	82800.000	122.190	19.182	275.244
40939.602	46057.777	30.145	31319.291	24.426
1.021				
1/1/2016 9:15:00 AM	83700.000	122.169	19.183	275.197
40929.441	46044.883	30.136	31310.521	24.432
1.021				
1/1/2016 9:30:00 AM	84600.000	122.150	19.187	275.155

40944.535	46058.238	30.146	31319.604	24.423
1.021				
1/1/2016 9:45:00 AM	85500.000	122.142	19.188	275.138
40920.484	46030.672	30.125	31300.859	24.438
1.021				
1/1/2016 10:00:00 AM	86400.000	122.147	19.189	275.147
40916.918	46025.371	30.122	31297.252	24.440
1.021				
1/1/2016 10:15:00 AM	87300.000	122.170	19.188	275.199
40940.563	46052.391	30.141	31315.627	24.426
1.021				
1/1/2016 10:30:00 AM	88200.000	122.119	19.189	275.085
40938.844	46050.281	30.140	31314.193	24.427
1.021				
1/1/2016 10:45:00 AM	89100.000	122.111	19.189	275.067
40910.664	46018.070	30.116	31292.289	24.444
1.021				
1/1/2016 11:00:00 AM	90000.000	122.119	19.184	275.085
40911.508	46024.277	30.121	31296.510	24.443
1.021				
1/1/2016 11:15:00 AM	90900.000	122.156	19.184	275.168
40911.031	46023.305	30.120	31295.850	24.443
1.021				
1/1/2016 11:30:00 AM	91800.000	122.134	19.187	275.119
40918.918	46029.777	30.125	31300.250	24.439
1.021				
1/1/2016 11:45:00 AM	92700.000	122.126	19.186	275.101
40924.926	46037.223	30.130	31305.313	24.435
1.021				
1/1/2016 12:00:00 PM	93600.000	122.180	19.194	275.222
40944.961	46052.164	30.141	31315.473	24.423
1.021				
1/1/2016 12:15:00 PM	94500.000	122.171	19.193	275.203
40933.203	46040.066	30.133	31307.248	24.430
1.021				
1/1/2016 12:30:00 PM	95400.000	122.192	19.190	275.248
40950.180	46061.320	30.148	31321.699	24.420
1.021				
1/1/2016 12:45:00 PM	96300.000	122.154	19.184	275.163
40940.504	46056.895	30.144	31318.691	24.426
1.021				
1/1/2016 1:00:00 PM	97200.000	122.190	19.180	275.244
40902.289	46017.949	30.116	31292.205	24.449
1.021				
1/1/2016 1:15:00 PM	98100.000	122.230	19.185	275.334
40964.355	46083.027	30.163	31336.461	24.411
1.021				
1/1/2016 1:30:00 PM	99000.000	122.220	19.190	275.312
40943.109	46053.879	30.142	31316.641	24.424
1.021				
1/1/2016 1:45:00 PM	99900.000	122.265	19.194	275.415
40907.570	46009.953	30.111	31286.770	24.445
1.021				
1/1/2016 2:00:00 PM	100800.000	122.247	19.193	275.374
40951.258	46059.512	30.147	31320.471	24.419
1.021				

1/1/2016 2:15:00 PM 40925.598 1.021	101700.000 46038.316	122.307 30.131	19.186 31306.057	275.508 24.435
1/1/2016 2:30:00 PM 40917.379 1.021	102600.000 46025.277	122.292 30.122	19.190 31297.191	275.474 24.439
1/1/2016 2:45:00 PM 40925.680 1.021	103500.000 46026.609	122.281 30.123	19.198 31298.096	275.449 24.435
1/1/2016 3:00:00 PM 40936.957 1.021	104400.000 46046.535	122.295 30.137	19.190 31311.645	275.483 24.428
1/1/2016 3:15:00 PM 40918.305 1.021	105300.000 46026.930	122.290 30.123	19.189 31298.313	275.470 24.439
1/1/2016 3:30:00 PM 40942.367 1.021	106200.000 46051.316	122.330 30.141	19.192 31314.896	275.561 24.425
1/1/2016 3:45:00 PM 40934.754 1.021	107100.000 46052.836	122.319 30.141	19.181 31315.932	275.537 24.429
1/1/2016 4:00:00 PM 40935.434 1.021	108000.000 46038.785	122.324 30.132	19.196 31306.377	275.547 24.429
1/1/2016 4:15:00 PM 40937.023 1.021	108900.000 46044.703	122.315 30.136	19.192 31310.400	275.527 24.428
1/1/2016 4:30:00 PM 40958.395 1.021	109800.000 46072.363	122.289 30.156	19.189 31329.209	275.468 24.415
1/1/2016 4:45:00 PM 40915.129 1.021	110700.000 46031.969	122.315 30.126	19.180 31301.740	275.527 24.441
1/1/2016 5:00:00 PM 40928.449 1.021	111600.000 46037.391	122.260 30.130	19.190 31305.428	275.402 24.433
1/1/2016 5:15:00 PM 40963.875 1.021	112500.000 46069.906	122.294 30.154	19.197 31327.539	275.480 24.412
1/1/2016 5:30:00 PM 40911.176 1.021	113400.000 46012.793	122.244 30.113	19.195 31288.699	275.366 24.443
1/1/2016 5:45:00 PM 40948.723 1.021	114300.000 46058.637	122.221 30.146	19.191 31319.873	275.315 24.421
1/1/2016 6:00:00 PM 40950.461 1.021	115200.000 46058.617	122.233 30.146	19.193 31319.861	275.342 24.420
1/1/2016 6:15:00 PM 40913.074 1.021	116100.000 46026.984	122.183 30.123	19.183 31298.352	275.228 24.442
1/1/2016 6:30:00 PM 40897.047 1.021	117000.000 46007.488	122.203 30.108	19.184 31285.094	275.274 24.452
1/1/2016 6:45:00 PM 40916.848	117900.000 46026.754	122.155 30.123	19.187 31298.195	275.165 24.440

1.021				
1/1/2016 7:00:00 PM	118800.000	122.117	19.188	275.080
40947.137	46060.734	30.147	31321.301	24.422
1.021				
1/1/2016 7:15:00 PM	119700.000	122.087	19.186	275.012
40918.156	46029.680	30.125	31300.182	24.439
1.021				
1/1/2016 7:30:00 PM	120600.000	122.075	19.187	274.987
40942.418	46055.516	30.144	31317.750	24.425
1.021				
1/1/2016 7:45:00 PM	121500.000	122.088	19.187	275.014
40926.543	46038.516	30.131	31306.193	24.434
1.021				
1/1/2016 8:00:00 PM	122400.000	122.072	19.184	274.978
40913.215	46025.844	30.122	31297.574	24.442
1.021				
1/1/2016 8:15:00 PM	123300.000	122.005	19.181	274.828
40918.082	46034.430	30.128	31303.414	24.439
1.021				
1/1/2016 8:30:00 PM	124200.000	122.004	19.188	274.826
40953.281	46067.563	30.152	31325.945	24.418
1.021				
1/1/2016 8:45:00 PM	125100.000	122.004	19.181	274.826
40927.625	46045.254	30.136	31310.775	24.433
1.021				
1/1/2016 9:00:00 PM	126000.000	121.969	19.192	274.748
40943.051	46051.484	30.141	31315.012	24.424
1.021				
1/1/2016 9:15:00 PM	126900.000	121.945	19.188	274.693
40941.676	46053.980	30.142	31316.707	24.425
1.021				
1/1/2016 9:30:00 PM	127800.000	121.959	19.181	274.725
40922.648	46040.078	30.132	31307.254	24.436
1.021				
1/1/2016 9:45:00 PM	128700.000	121.945	19.180	274.693
40913.328	46030.199	30.125	31300.537	24.442
1.021				
1/1/2016 10:00:00 PM	129600.000	121.978	19.185	274.768
40916.418	46028.676	30.124	31299.502	24.440
1.021				
1/1/2016 10:15:00 PM	130500.000	121.993	19.191	274.801
40930.113	46037.887	30.131	31305.766	24.432
1.021				
1/1/2016 10:30:00 PM	131400.000	121.953	19.190	274.711
40928.152	46036.883	30.130	31305.082	24.433
1.021				
1/1/2016 10:45:00 PM	132300.000	121.993	19.193	274.801
40956.414	46065.574	30.151	31324.590	24.416
1.021				
1/1/2016 11:00:00 PM	133200.000	122.007	19.189	274.833
40928.109	46037.957	30.131	31305.813	24.433
1.021				
1/1/2016 11:15:00 PM	134100.000	122.000	19.186	274.818
40928.184	46040.805	30.133	31307.748	24.433
1.021				
1/1/2016 11:30:00 PM	135000.000	122.054	19.183	274.939

40938.934	46056.074	30.144	31318.133	24.427
1.021				
1/1/2016 11:45:00 PM	135900.000	122.039	19.192	274.904
40938.258	46046.445	30.137	31311.586	24.427
1.021				
1/2/2016 12:00:00 AM	136800.000	122.056	19.192	274.942
40896.609	45999.680	30.103	31279.785	24.452
1.021				
1/2/2016 12:15:00 AM	137700.000	122.112	19.191	275.069
40959.547	46071.250	30.155	31328.453	24.414
1.021				
1/2/2016 12:30:00 AM	138600.000	122.119	19.195	275.085
40938.594	46043.895	30.135	31309.850	24.427
1.021				
1/2/2016 12:45:00 AM	139500.000	122.162	19.190	275.182
40908.996	46014.996	30.114	31290.199	24.445
1.021				
1/2/2016 1:00:00 AM	140400.000	122.222	19.187	275.318
40899.605	46007.449	30.108	31285.068	24.450
1.021				
1/2/2016 1:15:00 AM	141300.000	122.240	19.185	275.357
40923.629	46036.789	30.130	31305.020	24.436
1.021				
1/2/2016 1:30:00 AM	142200.000	122.265	19.191	275.413
40941.957	46051.211	30.141	31314.824	24.425
1.021				
1/2/2016 1:45:00 AM	143100.000	122.315	19.197	275.527
40940.473	46044.098	30.136	31309.988	24.426
1.021				
1/2/2016 2:00:00 AM	144000.000	122.368	19.182	275.646
40919.379	46034.590	30.128	31303.521	24.438
1.021				
1/2/2016 2:15:00 AM	144900.000	122.386	19.179	275.686
40911.316	46028.445	30.123	31299.346	24.443
1.021				
1/2/2016 2:30:00 AM	145800.000	122.409	19.182	275.737
40941.621	46060.141	30.147	31320.898	24.425
1.021				
1/2/2016 2:45:00 AM	146700.000	122.438	19.187	275.805
40913.086	46023.375	30.120	31295.896	24.442
1.021				
1/2/2016 3:00:00 AM	147600.000	122.467	19.186	275.870
40961.418	46077.836	30.160	31332.932	24.413
1.021				
1/2/2016 3:15:00 AM	148500.000	122.468	19.192	275.870
40949.688	46058.695	30.146	31319.916	24.420
1.021				
1/2/2016 3:30:00 AM	149400.000	122.524	19.207	275.997
40952.320	46047.266	30.138	31312.141	24.419
1.021				
1/2/2016 3:45:00 AM	150300.000	122.529	19.194	276.008
40953.625	46061.313	30.148	31321.695	24.418
1.021				
1/2/2016 4:00:00 AM	151200.000	122.543	19.195	276.039
40972.078	46081.723	30.163	31335.572	24.407
1.021				

1/2/2016 4:15:00 AM 40955.555 1.021	152100.000 46062.527	122.551 30.149	19.195 31322.521	276.057 24.417
1/2/2016 4:30:00 AM 40964.418 1.021	153000.000 46067.668	122.586 30.153	19.200 31326.016	276.138 24.411
1/2/2016 4:45:00 AM 40930.523 1.021	153900.000 46033.082	122.592 30.128	19.197 31302.498	276.151 24.432
1/2/2016 5:00:00 AM 40947.348 1.021	154800.000 46058.383	122.590 30.146	19.190 31319.703	276.145 24.422
1/2/2016 5:15:00 AM 40918.230 1.021	155700.000 46027.875	122.590 30.123	19.188 31298.955	276.145 24.439
1/2/2016 5:30:00 AM 40941.367 1.021	156600.000 46037.531	122.583 30.131	19.204 31305.523	276.129 24.425
1/2/2016 5:45:00 AM 40951.965 1.021	157500.000 46052.813	122.592 30.142	19.201 31315.914	276.151 24.419
1/2/2016 6:00:00 AM 40931.648 1.021	158400.000 46040.219	122.578 30.133	19.191 31307.350	276.119 24.431
1/2/2016 6:15:00 AM 40962.680 1.021	159300.000 46072.094	122.583 30.156	19.194 31329.025	276.129 24.412
1/2/2016 6:30:00 AM 40931.805 1.021	160200.000 46034.270	122.534 30.128	19.197 31303.305	276.020 24.431
1/2/2016 6:45:00 AM 40958.719 1.021	161100.000 46065.660	122.508 30.151	19.196 31324.650	275.961 24.415
1/2/2016 7:00:00 AM 40926.457 1.021	162000.000 46035.238	122.510 30.129	19.190 31303.965	275.966 24.434
1/2/2016 7:15:00 AM 40929.348 1.021	162900.000 46035.293	122.461 30.129	19.193 31304.000	275.855 24.432
1/2/2016 7:30:00 AM 40951.949 1.021	163800.000 46060.809	122.448 30.148	19.193 31321.352	275.825 24.419
1/2/2016 7:45:00 AM 40952.133 1.021	164700.000 46054.375	122.387 30.143	19.200 31316.977	275.689 24.419
1/2/2016 8:00:00 AM 40921.059 1.021	165600.000 46027.961	122.386 30.124	19.191 31299.016	275.686 24.437
1/2/2016 8:15:00 AM 40937.574 1.021	166500.000 46048.770	122.347 30.139	19.189 31313.166	275.598 24.427
1/2/2016 8:30:00 AM 40931.742 1.021	167400.000 46040.070	122.312 30.132	19.191 31307.250	275.520 24.431
1/2/2016 8:45:00 AM 40897.223	168300.000 45992.367	122.319 30.098	19.200 31274.813	275.537 24.452

1.021				
1/2/2016 9:00:00 AM	169200.000	122.266	19.189	275.416
40944.676	46056.246	30.144	31318.248	24.423
1.021				
1/2/2016 9:15:00 AM	170100.000	122.261	19.193	275.405
40947.359	46055.813	30.144	31317.955	24.422
1.021				
1/2/2016 9:30:00 AM	171000.000	122.216	19.188	275.303
40946.816	46059.945	30.147	31320.764	24.422
1.021				
1/2/2016 9:45:00 AM	171900.000	122.226	19.183	275.326
40899.441	46011.398	30.111	31287.754	24.450
1.021				
1/2/2016 10:00:00 AM	172800.000	122.204	19.189	275.277
40943.871	46055.250	30.143	31317.572	24.424
1.021				
1/2/2016 10:15:00 AM	173700.000	122.162	19.186	275.182
40943.355	46058.293	30.145	31319.639	24.424
1.021				
1/2/2016 10:30:00 AM	174600.000	122.138	19.190	275.127
40979.684	46094.598	30.172	31344.328	24.402
1.021				
1/2/2016 10:45:00 AM	175500.000	122.131	19.186	275.112
40915.512	46026.973	30.123	31298.344	24.441
1.021				
1/2/2016 11:00:00 AM	176400.000	122.136	19.193	275.123
40912.355	46016.277	30.115	31291.068	24.442
1.021				
1/2/2016 11:15:00 AM	177300.000	122.099	19.184	275.039
40904.480	46016.371	30.115	31291.135	24.447
1.021				
1/2/2016 11:30:00 AM	178200.000	122.099	19.180	275.041
40944.352	46064.668	30.150	31323.977	24.423
1.021				
1/2/2016 11:45:00 AM	179100.000	122.130	19.187	275.111
40919.992	46031.066	30.126	31301.127	24.438
1.021				
1/2/2016 12:00:00 PM	180000.000	122.096	19.181	275.034
40879.391	45990.633	30.096	31273.633	24.462
1.021				
1/2/2016 12:15:00 PM	180900.000	122.132	19.177	275.113
40925.484	46046.719	30.137	31311.771	24.435
1.021				
1/2/2016 12:30:00 PM	181800.000	122.119	19.184	275.085
40898.246	46009.441	30.110	31286.420	24.451
1.021				
1/2/2016 12:45:00 PM	182700.000	122.145	19.187	275.144
40909.387	46018.699	30.117	31292.717	24.444
1.021				
1/2/2016 1:00:00 PM	183600.000	122.151	19.190	275.158
40958.414	46070.672	30.155	31328.059	24.415
1.021				
1/2/2016 1:15:00 PM	184500.000	122.137	19.188	275.125
40936.402	46048.488	30.138	31312.975	24.428
1.021				
1/2/2016 1:30:00 PM	185400.000	122.172	19.190	275.205

40941.008	46050.910	30.140	31314.621	24.425
1.021				
1/2/2016 1:45:00 PM	186300.000	122.160	19.184	275.177
40922.566	46036.105	30.129	31304.555	24.436
1.021				
1/2/2016 2:00:00 PM	187200.000	122.180	19.180	275.223
40918.715	46035.910	30.129	31304.420	24.439
1.021				
1/2/2016 2:15:00 PM	188100.000	122.208	19.186	275.285
40955.191	46070.918	30.155	31328.227	24.417
1.021				
1/2/2016 2:30:00 PM	189000.000	122.203	19.190	275.275
40936.605	46046.738	30.137	31311.785	24.428
1.021				
1/2/2016 2:45:00 PM	189900.000	122.228	19.192	275.329
40925.441	46032.371	30.127	31302.014	24.435
1.021				
1/2/2016 3:00:00 PM	190800.000	122.246	19.190	275.371
40912.324	46019.590	30.117	31293.324	24.443
1.021				
1/2/2016 3:15:00 PM	191700.000	122.289	19.188	275.467
40917.320	46026.582	30.122	31298.078	24.440
1.021				
1/2/2016 3:30:00 PM	192600.000	122.293	19.188	275.478
40926.305	46036.613	30.130	31304.896	24.434
1.021				
1/2/2016 3:45:00 PM	193500.000	122.309	19.190	275.514
40957.023	46069.184	30.154	31327.047	24.416
1.021				
1/2/2016 4:00:00 PM	194400.000	122.333	19.193	275.568
40931.766	46037.930	30.131	31305.793	24.431
1.021				
1/2/2016 4:15:00 PM	195300.000	122.304	19.184	275.502
40927.496	46042.430	30.134	31308.854	24.433
1.021				
1/2/2016 4:30:00 PM	196200.000	122.326	19.190	275.551
40913.652	46020.836	30.118	31294.170	24.442
1.021				
1/2/2016 4:45:00 PM	197100.000	122.328	19.190	275.556
40951.820	46063.504	30.149	31323.186	24.419
1.021				
1/2/2016 5:00:00 PM	198000.000	122.344	19.184	275.591
40921.777	46035.566	30.129	31304.188	24.437
1.021				
1/2/2016 5:15:00 PM	198900.000	122.347	19.191	275.599
40936.309	46044.676	30.136	31310.381	24.428
1.021				
1/2/2016 5:30:00 PM	199800.000	122.316	19.189	275.528
40947.387	46059.469	30.146	31320.439	24.422
1.021				
1/2/2016 5:45:00 PM	200700.000	122.350	19.182	275.604
40932.945	46050.031	30.139	31314.021	24.430
1.021				
1/2/2016 6:00:00 PM	201600.000	122.344	19.187	275.591
40916.188	46026.102	30.122	31297.752	24.440
1.021				

1/2/2016 6:15:00 PM 40933.598 1.021	202500.000 46050.070	122.311 30.139	19.183 31314.051	275.517 24.430
1/2/2016 6:30:00 PM 40944.102 1.021	203400.000 46057.926	122.330 30.145	19.187 31319.391	275.561 24.424
1/2/2016 6:45:00 PM 40963.844 1.021	204300.000 46086.855	122.286 30.166	19.180 31339.064	275.460 24.412
1/2/2016 7:00:00 PM 40940.898 1.021	205200.000 46049.930	122.301 30.140	19.191 31313.955	275.495 24.425
1/2/2016 7:15:00 PM 40926.785 1.021	206100.000 46039.652	122.292 30.132	19.186 31306.967	275.474 24.434
1/2/2016 7:30:00 PM 40917.281 1.021	207000.000 46027.066	122.239 30.123	19.188 31298.408	275.356 24.440
1/2/2016 7:45:00 PM 40925.309 1.021	207900.000 46031.617	122.217 30.126	19.192 31301.502	275.307 24.435
1/2/2016 8:00:00 PM 40941.887 1.021	208800.000 46054.746	122.230 30.143	19.188 31317.230	275.334 24.425
1/2/2016 8:15:00 PM 40932.492 1.021	209700.000 46045.809	122.178 30.136	19.186 31311.152	275.218 24.430
1/2/2016 8:30:00 PM 40943.844 1.021	210600.000 46061.352	122.178 30.148	19.183 31321.721	275.218 24.424
1/2/2016 8:45:00 PM 40903.621 1.021	211500.000 46014.199	122.150 30.113	19.185 31289.658	275.155 24.448
1/2/2016 9:00:00 PM 40935.742 1.021	212400.000 46042.484	122.186 30.134	19.193 31308.891	275.236 24.429
1/2/2016 9:15:00 PM 40940.730 1.021	213300.000 46044.141	122.132 30.136	19.197 31310.018	275.114 24.426
1/2/2016 9:30:00 PM 40918.258 1.021	214200.000 46018.695	122.129 30.117	19.197 31292.715	275.108 24.439
1/2/2016 9:45:00 PM 40925.367 1.021	215100.000 46039.008	122.134 30.131	19.185 31306.525	275.118 24.435
1/2/2016 10:00:00 PM 40906.602 1.021	216000.000 46017.805	122.103 30.116	19.185 31292.109	275.049 24.446
1/2/2016 10:15:00 PM 40958.801 1.021	216900.000 46077.910	122.099 30.160	19.183 31332.979	275.039 24.415
1/2/2016 10:30:00 PM 40947.078 1.021	217800.000 46063.590	122.112 30.149	19.185 31323.244	275.069 24.422
1/2/2016 10:45:00 PM 40926.059	218700.000 46042.633	122.122 30.134	19.182 31308.992	275.093 24.434

1.021				
1/2/2016 11:00:00 PM	219600.000	122.132	19.192	275.113
40942.656	46051.039	30.140	31314.709	24.424
1.021				
1/2/2016 11:15:00 PM	220500.000	122.093	19.180	275.026
40900.227	46015.027	30.114	31290.221	24.450
1.021				
1/2/2016 11:30:00 PM	221400.000	122.102	19.184	275.046
40926.688	46041.090	30.133	31307.943	24.434
1.021				
1/2/2016 11:45:00 PM	222300.000	122.133	19.189	275.117
40945.949	46057.758	30.145	31319.277	24.422
1.021				
1/3/2016 12:00:00 AM	223200.000	122.159	19.182	275.174
40939.441	46057.250	30.145	31318.932	24.426
1.021				
1/3/2016 12:15:00 AM	224100.000	122.178	19.188	275.218
40952.027	46065.715	30.151	31324.688	24.419
1.021				
1/3/2016 12:30:00 AM	225000.000	122.209	19.187	275.287
40966.691	46082.914	30.164	31336.385	24.410
1.021				
1/3/2016 12:45:00 AM	225900.000	122.209	19.190	275.288
40940.098	46050.145	30.140	31314.098	24.426
1.021				
1/3/2016 1:00:00 AM	226800.000	122.263	19.194	275.410
40981.238	46092.969	30.171	31343.221	24.401
1.021				
1/3/2016 1:15:00 AM	227700.000	122.271	19.192	275.428
40963.801	46074.570	30.158	31330.711	24.412
1.021				
1/3/2016 1:30:00 AM	228600.000	122.267	19.192	275.418
40935.621	46043.035	30.135	31309.266	24.429
1.021				
1/3/2016 1:45:00 AM	229500.000	122.313	19.188	275.522
40949.875	46063.387	30.149	31323.105	24.420
1.021				
1/3/2016 2:00:00 AM	230400.000	122.348	19.192	275.601
40919.891	46025.340	30.122	31297.232	24.438
1.021				
1/3/2016 2:15:00 AM	231300.000	122.399	19.202	275.716
40945.043	46043.820	30.136	31309.801	24.423
1.021				
1/3/2016 2:30:00 AM	232200.000	122.417	19.192	275.756
40931.918	46039.133	30.132	31306.611	24.431
1.021				
1/3/2016 2:45:00 AM	233100.000	122.451	19.206	275.834
40931.652	46025.316	30.122	31297.217	24.431
1.021				
1/3/2016 3:00:00 AM	234000.000	122.503	19.199	275.951
40930.324	46030.277	30.126	31300.590	24.432
1.021				
1/3/2016 3:15:00 AM	234900.000	122.501	19.203	275.946
40943.586	46041.316	30.134	31308.098	24.424
1.021				
1/3/2016 3:30:00 AM	235800.000	122.564	19.198	276.088

40945.387	46048.266	30.139	31312.822	24.423
1.021				
1/3/2016 3:45:00 AM	236700.000	122.583	19.207	276.129
40939.590	46033.207	30.128	31302.584	24.426
1.021				
1/3/2016 4:00:00 AM	237600.000	122.589	19.195	276.143
40960.219	46067.695	30.153	31326.035	24.414
1.021				
1/3/2016 4:15:00 AM	238500.000	122.638	19.203	276.254
40951.148	46050.262	30.140	31314.178	24.419
1.021				
1/3/2016 4:30:00 AM	239400.000	122.673	19.195	276.332
40927.012	46030.867	30.126	31300.990	24.434
1.021				
1/3/2016 4:45:00 AM	240300.000	122.690	19.200	276.371
40952.656	46055.047	30.144	31317.432	24.418
1.021				
1/3/2016 5:00:00 AM	241200.000	122.680	19.201	276.348
40914.984	46011.051	30.112	31287.518	24.441
1.021				
1/3/2016 5:15:00 AM	242100.000	122.714	19.196	276.426
40957.227	46063.645	30.150	31323.281	24.416
1.021				
1/3/2016 5:30:00 AM	243000.000	122.726	19.198	276.452
40936.430	46038.699	30.132	31306.318	24.428
1.021				
1/3/2016 5:45:00 AM	243900.000	122.719	19.198	276.436
40932.504	46034.285	30.129	31303.316	24.430
1.021				
1/3/2016 6:00:00 AM	244800.000	122.711	19.194	276.418
40935.961	46042.133	30.134	31308.650	24.428
1.021				
1/3/2016 6:15:00 AM	245700.000	122.721	19.197	276.442
40917.297	46017.871	30.117	31292.154	24.440
1.021				
1/3/2016 6:30:00 AM	246600.000	122.728	19.201	276.456
40947.559	46048.105	30.139	31312.713	24.421
1.021				
1/3/2016 6:45:00 AM	247500.000	122.713	19.200	276.423
40958.000	46061.055	30.148	31321.520	24.415
1.021				
1/3/2016 7:00:00 AM	248400.000	122.706	19.203	276.407
40908.320	46001.660	30.105	31281.129	24.445
1.021				
1/3/2016 7:15:00 AM	249300.000	122.666	19.198	276.317
40913.645	46012.816	30.113	31288.717	24.442
1.021				
1/3/2016 7:30:00 AM	250200.000	122.595	19.197	276.156
40853.457	45946.070	30.064	31243.330	24.478
1.021				
1/3/2016 7:45:00 AM	251100.000	122.631	19.200	276.239
40932.305	46031.902	30.127	31301.695	24.431
1.021				
1/3/2016 8:00:00 AM	252000.000	122.587	19.202	276.139
40922.309	46018.520	30.117	31292.596	24.437
1.021				

1/3/2016 8:15:00 AM 40930.902 1.021	252900.000 46035.328	122.532 30.129	19.195 31304.025	276.016 24.431
1/3/2016 8:30:00 AM 40910.301 1.021	253800.000 46009.230	122.495 30.110	19.198 31286.279	275.933 24.444
1/3/2016 8:45:00 AM 40893.605 1.021	254700.000 45992.258	122.473 30.098	19.196 31274.738	275.882 24.454
1/3/2016 9:00:00 AM 40921.891 1.021	255600.000 46029.063	122.437 30.124	19.191 31299.764	275.800 24.437
1/3/2016 9:15:00 AM 40949.203 1.021	256500.000 46048.766	122.413 30.139	19.202 31313.162	275.748 24.420
1/3/2016 9:30:00 AM 40917.004 1.021	257400.000 46005.656	122.405 30.108	19.209 31283.848	275.729 24.440
1/3/2016 9:45:00 AM 40903.379 1.021	258300.000 45996.191	122.359 30.101	19.203 31277.412	275.625 24.448
1/3/2016 10:00:00 AM 40922.492 1.021	259200.000 46022.340	122.324 30.120	19.198 31295.193	275.547 24.436
1/3/2016 10:15:00 AM 40942.043 1.021	260100.000 46046.129	122.313 30.137	19.196 31311.369	275.521 24.425
1/3/2016 10:30:00 AM 40864.301 1.021	261000.000 45966.434	122.247 30.079	19.189 31257.178	275.374 24.471
1/3/2016 10:45:00 AM 40912.395 1.021	261900.000 46018.906	122.238 30.117	19.190 31292.857	275.353 24.442
1/3/2016 11:00:00 AM 40928.457 1.021	262800.000 46040.246	122.196 30.132	19.187 31307.369	275.259 24.433
1/3/2016 11:15:00 AM 40923.340 1.021	263700.000 46028.797	122.181 30.124	19.193 31299.584	275.225 24.436
1/3/2016 11:30:00 AM 40958.863 1.021	264600.000 46075.656	122.176 30.158	19.186 31331.449	275.212 24.415
1/3/2016 11:45:00 AM 40937.262 1.021	265500.000 46047.477	122.160 30.138	19.190 31312.287	275.178 24.428
1/3/2016 12:00:00 PM 40907.172 1.021	266400.000 46016.035	122.160 30.115	19.187 31290.904	275.178 24.446
1/3/2016 12:15:00 PM 40901.941 1.021	267300.000 46014.457	122.119 30.113	19.183 31289.834	275.085 24.449
1/3/2016 12:30:00 PM 40903.180 1.021	268200.000 46006.809	122.138 30.108	19.192 31284.631	275.129 24.448
1/3/2016 12:45:00 PM 40919.410	269100.000 46035.492	122.089 30.129	19.181 31304.137	275.017 24.438

1.021				
1/3/2016 1:00:00 PM	270000.000	122.109	19.186	275.062
40903.891	46013.984	30.113	31289.510	24.448
1.021				
1/3/2016 1:15:00 PM	270900.000	122.124	19.191	275.096
40901.258	46006.117	30.108	31284.162	24.449
1.021				
1/3/2016 1:30:00 PM	271800.000	122.112	19.192	275.070
40923.820	46030.207	30.125	31300.543	24.436
1.021				
1/3/2016 1:45:00 PM	272700.000	122.170	19.191	275.199
40910.973	46016.613	30.115	31291.299	24.443
1.021				
1/3/2016 2:00:00 PM	273600.000	122.150	19.189	275.155
40939.898	46050.781	30.140	31314.533	24.426
1.021				
1/3/2016 2:15:00 PM	274500.000	122.165	19.190	275.189
40947.047	46058.480	30.146	31319.770	24.422
1.021				
1/3/2016 2:30:00 PM	275400.000	122.147	19.193	275.148
40903.313	46006.105	30.108	31284.152	24.448
1.021				
1/3/2016 2:45:00 PM	276300.000	122.190	19.191	275.246
40909.996	46015.609	30.115	31290.617	24.444
1.021				
1/3/2016 3:00:00 PM	277200.000	122.208	19.192	275.285
40930.766	46038.266	30.131	31306.023	24.431
1.021				
1/3/2016 3:15:00 PM	278100.000	122.191	19.192	275.247
40914.402	46019.434	30.117	31293.217	24.441
1.021				
1/3/2016 3:30:00 PM	279000.000	122.238	19.192	275.354
40906.594	46010.648	30.111	31287.242	24.446
1.021				
1/3/2016 3:45:00 PM	279900.000	122.316	19.192	275.528
40898.438	46001.305	30.104	31280.887	24.451
1.021				
1/3/2016 4:00:00 PM	280800.000	122.290	19.187	275.470
40865.480	45969.664	30.081	31259.373	24.471
1.021				
1/3/2016 4:15:00 PM	281700.000	122.313	19.188	275.522
40844.020	45944.395	30.063	31242.191	24.483
1.021				
1/3/2016 4:30:00 PM	282600.000	122.333	19.198	275.568
40928.578	46029.008	30.125	31299.729	24.433
1.021				
1/3/2016 4:45:00 PM	283500.000	122.358	19.188	275.624
40921.344	46031.109	30.126	31301.154	24.437
1.021				
1/3/2016 5:00:00 PM	284400.000	122.396	19.193	275.708
40875.828	45974.848	30.085	31262.898	24.464
1.021				
1/3/2016 5:15:00 PM	285300.000	122.365	19.193	275.639
40887.793	45988.816	30.095	31272.396	24.457
1.021				
1/3/2016 5:30:00 PM	286200.000	122.399	19.194	275.716

40898.430	46000.012	30.103	31280.010	24.451
1.021				
1/3/2016 5:45:00 PM	287100.000	122.395	19.196	275.707
40873.477	45969.617	30.081	31259.342	24.466
1.021				
1/3/2016 6:00:00 PM	288000.000	122.449	19.196	275.828
40921.801	46023.707	30.121	31296.123	24.437
1.021				
1/3/2016 6:15:00 PM	288900.000	122.439	19.195	275.807
40867.328	45963.996	30.077	31255.520	24.469
1.021				
1/3/2016 6:30:00 PM	289800.000	122.445	19.196	275.820
40922.617	46024.629	30.121	31296.750	24.436
1.021				
1/3/2016 6:45:00 PM	290700.000	122.409	19.193	275.738
40906.594	46009.617	30.110	31286.541	24.446
1.021				
1/3/2016 7:00:00 PM	291600.000	122.391	19.198	275.697
40890.484	45986.855	30.094	31271.064	24.456
1.021				
1/3/2016 7:15:00 PM	292500.000	122.431	19.198	275.789
40828.012	45916.512	30.043	31223.230	24.493
1.021				
1/3/2016 7:30:00 PM	293400.000	122.413	19.196	275.748
40873.227	45969.246	30.081	31259.088	24.466
1.021				
1/3/2016 7:45:00 PM	294300.000	122.422	19.188	275.768
40873.422	45977.641	30.087	31264.799	24.466
1.021				
1/3/2016 8:00:00 PM	295200.000	122.424	19.191	275.771
40868.609	45968.793	30.080	31258.781	24.469
1.021				
1/3/2016 8:15:00 PM	296100.000	122.380	19.191	275.673
40883.180	45985.098	30.092	31269.869	24.460
1.021				
1/3/2016 8:30:00 PM	297000.000	122.356	19.195	275.618
40887.641	45985.984	30.093	31270.469	24.457
1.021				
1/3/2016 8:45:00 PM	297900.000	122.344	19.204	275.593
40887.938	45977.879	30.088	31264.959	24.457
1.021				
1/3/2016 9:00:00 PM	298800.000	122.332	19.201	275.564
40900.582	45995.113	30.100	31276.680	24.450
1.021				
1/3/2016 9:15:00 PM	299700.000	122.352	19.194	275.610
40868.934	45966.570	30.079	31257.270	24.468
1.021				
1/3/2016 9:30:00 PM	300600.000	122.320	19.197	275.538
40875.863	45970.766	30.082	31260.123	24.464
1.021				
1/3/2016 9:45:00 PM	301500.000	122.308	19.207	275.511
40856.121	45938.934	30.059	31238.477	24.476
1.021				
1/3/2016 10:00:00 PM	302400.000	122.286	19.195	275.461
40851.793	45946.270	30.064	31243.463	24.479
1.021				

1/3/2016 10:15:00 PM 40900.652 1.021	303300.000 45992.434	122.287 30.098	19.204 31274.857	275.464 24.449
1/3/2016 10:30:00 PM 40908.305 1.021	304200.000 46019.211	122.298 30.117	19.185 31293.066	275.487 24.445
1/3/2016 10:45:00 PM 40844.090 1.021	305100.000 45943.523	122.273 30.062	19.189 31241.598	275.433 24.483
1/3/2016 11:00:00 PM 40867.348 1.021	306000.000 45963.676	122.232 30.077	19.195 31255.303	275.340 24.469
1/3/2016 11:15:00 PM 40944.656 1.021	306900.000 46044.246	122.228 30.136	19.201 31310.090	275.329 24.423
1/3/2016 11:30:00 PM 40892.820 1.021	307800.000 45996.289	122.221 30.101	19.191 31277.477	275.315 24.454
1/3/2016 11:45:00 PM 40885.082 1.021	308700.000 45988.188	122.255 30.095	19.190 31271.971	275.391 24.459
1/4/2016 12:00:00 AM 40857.133 1.021	309600.000 45949.172	122.255 30.066	19.198 31245.439	275.391 24.476
1/4/2016 12:15:00 AM 40863.594 1.021	310500.000 45966.148	122.254 30.078	19.188 31256.982	275.388 24.472
1/4/2016 12:30:00 AM 40857.477 1.021	311400.000 45957.824	122.243 30.072	19.190 31251.322	275.364 24.475
1/4/2016 12:45:00 AM 40891.102 1.021	312300.000 45992.535	122.307 30.098	19.193 31274.926	275.508 24.455
1/4/2016 1:00:00 AM 40848.586 1.021	313200.000 45950.570	122.283 30.067	19.187 31246.389	275.455 24.481
1/4/2016 1:15:00 AM 40877.148 1.021	314100.000 45977.266	122.311 30.087	19.192 31264.541	275.517 24.464
1/4/2016 1:30:00 AM 40811.129 1.021	315000.000 45908.172	122.332 30.036	19.187 31217.559	275.565 24.503
1/4/2016 1:45:00 AM 40879.574 1.021	315900.000 45989.734	122.358 30.095	19.182 31273.021	275.623 24.462
1/4/2016 2:00:00 AM 40897.008 1.021	316800.000 45997.461	122.412 30.102	19.194 31278.275	275.745 24.452
1/4/2016 2:15:00 AM 40858.492 1.021	317700.000 45954.488	122.431 30.070	19.194 31249.055	275.789 24.475
1/4/2016 2:30:00 AM 40892.117 1.021	318600.000 46001.605	122.428 30.104	19.185 31281.094	275.782 24.455
1/4/2016 2:45:00 AM 40846.191	319500.000 45946.664	122.499 30.064	19.188 31243.734	275.940 24.482

1.021				
1/4/2016 3:00:00 AM	320400.000	122.517	19.193	275.982
40866.367	45964.637	30.078	31255.955	24.470
1.021				
1/4/2016 3:15:00 AM	321300.000	122.591	19.199	276.148
40852.250	45942.395	30.062	31240.830	24.478
1.021				
1/4/2016 3:30:00 AM	322200.000	122.602	19.203	276.174
40921.633	46017.074	30.116	31291.613	24.437
1.021				
1/4/2016 3:45:00 AM	323100.000	122.619	19.187	276.211
40872.496	45977.113	30.086	31264.439	24.466
1.021				
1/4/2016 4:00:00 AM	324000.000	122.634	19.194	276.244
40891.445	45991.633	30.097	31274.313	24.455
1.021				
1/4/2016 4:15:00 AM	324900.000	122.681	19.200	276.351
40870.652	45962.402	30.076	31254.436	24.467
1.021				
1/4/2016 4:30:00 AM	325800.000	122.714	19.191	276.426
40869.875	45970.215	30.082	31259.748	24.468
1.021				
1/4/2016 4:45:00 AM	326700.000	122.752	19.198	276.512
40860.488	45952.699	30.069	31247.838	24.474
1.021				
1/4/2016 5:00:00 AM	327600.000	122.771	19.205	276.553
40906.664	45997.996	30.102	31278.639	24.446
1.021				
1/4/2016 5:15:00 AM	328500.000	122.812	19.204	276.647
40883.633	45973.129	30.084	31261.730	24.460
1.021				
1/4/2016 5:30:00 AM	329400.000	122.812	19.197	276.647
40859.973	45953.145	30.069	31248.141	24.474
1.021				
1/4/2016 5:45:00 AM	330300.000	122.811	19.198	276.644
40837.207	45926.938	30.050	31230.320	24.487
1.021				
1/4/2016 6:00:00 AM	331200.000	122.836	19.203	276.701
40857.219	45944.457	30.063	31242.230	24.475
1.021				
1/4/2016 6:15:00 AM	332100.000	122.820	19.198	276.665
40882.820	45977.980	30.087	31265.027	24.460
1.021				
1/4/2016 6:30:00 AM	333000.000	122.812	19.192	276.647
40849.590	45946.871	30.065	31243.873	24.480
1.021				
1/4/2016 6:45:00 AM	333900.000	122.850	19.202	276.732
40838.313	45924.309	30.049	31228.531	24.487
1.021				
1/4/2016 7:00:00 AM	334800.000	122.801	19.190	276.621
40884.168	45987.582	30.094	31271.559	24.459
1.021				
1/4/2016 7:15:00 AM	335700.000	122.774	19.203	276.561
40845.219	45931.227	30.054	31233.236	24.483
1.021				
1/4/2016 7:30:00 AM	336600.000	122.793	19.191	276.603

40869.070	45969.648	30.081	31259.363	24.468
1.021				
1/4/2016 7:45:00 AM	337500.000	122.765	19.200	276.540
40888.438	45981.883	30.090	31267.682	24.457
1.021				
1/4/2016 8:00:00 AM	338400.000	122.771	19.193	276.554
40872.645	45971.094	30.082	31260.346	24.466
1.021				
1/4/2016 8:15:00 AM	339300.000	122.674	19.192	276.336
40857.613	45955.898	30.071	31250.014	24.475
1.021				
1/4/2016 8:30:00 AM	340200.000	122.684	19.197	276.358
40847.020	45938.832	30.059	31238.406	24.482
1.021				
1/4/2016 8:45:00 AM	341100.000	122.669	19.198	276.325
40866.102	45959.102	30.074	31252.191	24.470
1.021				
1/4/2016 9:00:00 AM	342000.000	122.621	19.190	276.216
40852.242	45951.324	30.068	31246.902	24.478
1.021				
1/4/2016 9:15:00 AM	342900.000	122.553	19.189	276.063
40875.621	45978.992	30.088	31265.717	24.464
1.021				
1/4/2016 9:30:00 AM	343800.000	122.514	19.192	275.974
40838.625	45934.383	30.055	31235.383	24.487
1.021				
1/4/2016 9:45:00 AM	344700.000	122.504	19.195	275.953
40892.070	45991.570	30.097	31274.270	24.455
1.021				
1/4/2016 10:00:00 AM	345600.000	122.450	19.193	275.830
40838.805	45933.371	30.055	31234.695	24.487
1.021				
1/4/2016 10:15:00 AM	346500.000	122.371	19.196	275.652
40877.531	45974.180	30.085	31262.445	24.463
1.021				
1/4/2016 10:30:00 AM	347400.000	122.374	19.188	275.660
40857.711	45959.715	30.074	31252.607	24.475
1.021				
1/4/2016 10:45:00 AM	348300.000	122.313	19.194	275.522
40857.879	45953.453	30.069	31248.348	24.475
1.021				
1/4/2016 11:00:00 AM	349200.000	122.297	19.200	275.486
40831.609	45918.762	30.044	31224.760	24.491
1.021				
1/4/2016 11:15:00 AM	350100.000	122.266	19.197	275.416
40837.031	45927.680	30.051	31230.824	24.488
1.021				
1/4/2016 11:30:00 AM	351000.000	122.266	19.195	275.417
40856.879	45951.547	30.068	31247.055	24.476
1.021				
1/4/2016 11:45:00 AM	351900.000	122.216	19.188	275.303
40850.941	45951.668	30.068	31247.137	24.479
1.021				
1/4/2016 12:00:00 PM	352800.000	122.192	19.184	275.248
40841.695	45945.738	30.063	31243.104	24.485
1.021				

1/4/2016 12:15:00 PM 40846.637 1.021	353700.000 45944.941	122.160 30.063	19.190 31242.561	275.178 24.482
1/4/2016 12:30:00 PM 40857.223 1.021	354600.000 45958.047	122.097 30.073	19.189 31251.475	275.036 24.475
1/4/2016 12:45:00 PM 40801.496 1.021	355500.000 45899.059	122.095 30.029	19.185 31211.361	275.030 24.509
1/4/2016 1:00:00 PM 40783.680 1.021	356400.000 45868.195	122.104 30.007	19.196 31190.375	275.051 24.520
1/4/2016 1:15:00 PM 40811.105 1.021	357300.000 45903.336	122.088 30.033	19.192 31214.271	275.015 24.503
1/4/2016 1:30:00 PM 40811.320 1.021	358200.000 45901.855	122.081 30.032	19.194 31213.262	275.000 24.503
1/4/2016 1:45:00 PM 40841.461 1.021	359100.000 45935.754	122.099 30.056	19.194 31236.314	275.039 24.485
1/4/2016 2:00:00 PM 40818.953 1.021	360000.000 45911.125	122.087 30.039	19.193 31219.566	275.012 24.498
1/4/2016 2:15:00 PM 40836.480 1.021	360900.000 45928.445	122.096 30.051	19.195 31231.346	275.034 24.488
1/4/2016 2:30:00 PM 40788.988 1.021	361800.000 45880.785	122.103 30.016	19.190 31198.934	275.049 24.516
1/4/2016 2:45:00 PM 40826.688 1.021	362700.000 45913.473	122.132 30.041	19.199 31221.162	275.113 24.494
1/4/2016 3:00:00 PM 40795.449 1.021	363600.000 45887.184	122.127 30.021	19.190 31203.287	275.104 24.513
1/4/2016 3:15:00 PM 40757.453 1.021	364500.000 45843.590	122.154 29.989	19.191 31173.641	275.163 24.535
1/4/2016 3:30:00 PM 40772.051 1.021	365400.000 45850.570	122.185 29.995	19.201 31178.391	275.234 24.527
1/4/2016 3:45:00 PM 40795.563 1.021	366300.000 45886.285	122.225 30.020	19.192 31202.676	275.323 24.512
1/4/2016 4:00:00 PM 40788.324 1.021	367200.000 45876.336	122.237 30.013	19.193 31195.910	275.350 24.517
1/4/2016 4:15:00 PM 40707.855 1.021	368100.000 45785.402	122.265 29.947	19.194 31134.074	275.415 24.565
1/4/2016 4:30:00 PM 40819.801 1.021	369000.000 45908.055	122.262 30.036	19.197 31217.479	275.408 24.498
1/4/2016 4:45:00 PM 40781.582	369900.000 45865.492	122.318 30.005	19.197 31188.535	275.532 24.521

1.021				
1/4/2016 5:00:00 PM	370800.000	122.345	19.203	275.594
40807.609	45888.496	30.022	31204.180	24.505
1.021				
1/4/2016 5:15:00 PM	371700.000	122.348	19.195	275.602
40801.742	45889.977	30.023	31205.186	24.509
1.021				
1/4/2016 5:30:00 PM	372600.000	122.398	19.199	275.714
40787.277	45869.406	30.008	31191.199	24.517
1.021				
1/4/2016 5:45:00 PM	373500.000	122.392	19.195	275.699
40803.098	45891.586	30.024	31206.281	24.508
1.021				
1/4/2016 6:00:00 PM	374400.000	122.425	19.200	275.773
40758.906	45836.555	29.984	31168.859	24.535
1.021				
1/4/2016 6:15:00 PM	375300.000	122.426	19.201	275.777
40790.250	45870.781	30.009	31192.133	24.516
1.021				
1/4/2016 6:30:00 PM	376200.000	122.444	19.196	275.817
40751.484	45832.590	29.981	31166.164	24.539
1.021				
1/4/2016 6:45:00 PM	377100.000	122.463	19.202	275.860
40730.727	45803.238	29.960	31146.203	24.551
1.021				
1/4/2016 7:00:00 PM	378000.000	122.467	19.202	275.870
40758.715	45834.027	29.983	31167.141	24.535
1.021				
1/4/2016 7:15:00 PM	378900.000	122.514	19.203	275.974
40774.156	45850.453	29.995	31178.311	24.525
1.021				
1/4/2016 7:30:00 PM	379800.000	122.523	19.210	275.995
40780.020	45850.188	29.995	31178.129	24.522
1.021				
1/4/2016 7:45:00 PM	380700.000	122.495	19.194	275.932
40783.625	45870.797	30.009	31192.145	24.520
1.021				
1/4/2016 8:00:00 PM	381600.000	122.519	19.198	275.987
40769.559	45850.266	29.994	31178.182	24.528
1.021				
1/4/2016 8:15:00 PM	382500.000	122.508	19.194	275.961
40769.797	45854.813	29.998	31181.273	24.528
1.021				
1/4/2016 8:30:00 PM	383400.000	122.469	19.197	275.873
40765.039	45846.793	29.992	31175.822	24.531
1.021				
1/4/2016 8:45:00 PM	384300.000	122.502	19.203	275.948
40751.594	45825.418	29.976	31161.287	24.539
1.021				
1/4/2016 9:00:00 PM	385200.000	122.463	19.206	275.859
40733.949	45802.582	29.960	31145.758	24.550
1.021				
1/4/2016 9:15:00 PM	386100.000	122.484	19.203	275.907
40799.445	45879.406	30.016	31197.998	24.510
1.021				
1/4/2016 9:30:00 PM	387000.000	122.435	19.198	275.798

40792.281	45876.156	30.013	31195.789	24.514
1.021				
1/4/2016 9:45:00 PM	387900.000	122.418	19.195	275.758
40806.762	45895.180	30.027	31208.725	24.506
1.021				
1/4/2016 10:00:00 PM	388800.000	122.441	19.193	275.809
40799.309	45888.949	30.022	31204.488	24.510
1.021				
1/4/2016 10:15:00 PM	389700.000	122.434	19.190	275.794
40753.078	45840.301	29.987	31171.406	24.538
1.021				
1/4/2016 10:30:00 PM	390600.000	122.418	19.197	275.758
40716.188	45791.852	29.952	31138.461	24.560
1.021				
1/4/2016 10:45:00 PM	391500.000	122.396	19.199	275.708
40780.113	45861.613	30.003	31185.898	24.522
1.021				
1/4/2016 11:00:00 PM	392400.000	122.348	19.195	275.601
40775.465	45860.332	30.002	31185.025	24.525
1.021				
1/4/2016 11:15:00 PM	393300.000	122.374	19.190	275.660
40739.375	45824.371	29.975	31160.574	24.546
1.021				
1/4/2016 11:30:00 PM	394200.000	122.341	19.193	275.584
40777.484	45864.664	30.005	31187.975	24.523
1.021				
1/4/2016 11:45:00 PM	395100.000	122.383	19.189	275.680
40771.684	45862.340	30.003	31186.393	24.527
1.021				
1/5/2016 12:00:00 AM	396000.000	122.395	19.194	275.706
40726.980	45806.492	29.962	31148.414	24.554
1.021				
1/5/2016 12:15:00 AM	396900.000	122.340	19.192	275.582
40786.348	45874.980	30.012	31194.988	24.518
1.021				
1/5/2016 12:30:00 AM	397800.000	122.380	19.192	275.672
40762.609	45848.699	29.993	31177.117	24.532
1.021				
1/5/2016 12:45:00 AM	398700.000	122.382	19.200	275.677
40782.629	45863.496	30.004	31187.180	24.520
1.021				
1/5/2016 1:00:00 AM	399600.000	122.377	19.192	275.667
40795.078	45885.047	30.019	31201.834	24.513
1.021				
1/5/2016 1:15:00 AM	400500.000	122.391	19.192	275.698
40774.941	45862.750	30.003	31186.672	24.525
1.021				
1/5/2016 1:30:00 AM	401400.000	122.383	19.204	275.680
40779.285	45855.191	29.998	31181.531	24.522
1.021				
1/5/2016 1:45:00 AM	402300.000	122.400	19.200	275.719
40805.945	45889.719	30.023	31205.012	24.506
1.021				
1/5/2016 2:00:00 AM	403200.000	122.430	19.197	275.785
40775.652	45858.906	30.001	31184.057	24.524
1.021				

1/5/2016 2:15:00 AM 40759.441 1.021	404100.000 45836.473	122.463 29.984	19.201 31168.803	275.859 24.534
1/5/2016 2:30:00 AM 40771.887 1.021	405000.000 45851.070	122.487 29.995	19.200 31178.730	275.915 24.527
1/5/2016 2:45:00 AM 40755.113 1.021	405900.000 45832.469	122.504 29.981	19.200 31166.080	275.953 24.537
1/5/2016 3:00:00 AM 40759.965 1.021	406800.000 45839.559	122.594 29.987	19.198 31170.902	276.155 24.534
1/5/2016 3:15:00 AM 40767.238 1.021	407700.000 45846.527	122.585 29.992	19.200 31175.641	276.135 24.530
1/5/2016 3:30:00 AM 40769.664 1.021	408600.000 45851.832	122.608 29.995	19.197 31179.246	276.187 24.528
1/5/2016 3:45:00 AM 40738.121 1.021	409500.000 45820.391	122.684 29.972	19.193 31157.867	276.359 24.547
1/5/2016 4:00:00 AM 40798.617 1.021	410400.000 45887.320	122.693 30.021	19.194 31203.381	276.379 24.511
1/5/2016 4:15:00 AM 40748.008 1.021	411300.000 45824.742	122.736 29.976	19.200 31160.826	276.475 24.541
1/5/2016 4:30:00 AM 40787.484 1.021	412200.000 45877.965	122.768 30.014	19.191 31197.018	276.547 24.517
1/5/2016 4:45:00 AM 40743.574 1.021	413100.000 45826.262	122.791 29.977	19.193 31161.859	276.598 24.544
1/5/2016 5:00:00 AM 40744.570 1.021	414000.000 45828.500	122.845 29.978	19.192 31163.381	276.720 24.543
1/5/2016 5:15:00 AM 40767.141 1.021	414900.000 45847.023	122.839 29.992	19.199 31175.979	276.708 24.530
1/5/2016 5:30:00 AM 40765.219 1.021	415800.000 45850.785	122.869 29.995	19.193 31178.537	276.775 24.531
1/5/2016 5:45:00 AM 40764.414 1.021	416700.000 45843.875	122.909 29.990	19.199 31173.838	276.865 24.531
1/5/2016 6:00:00 AM 40774.766 1.021	417600.000 45855.516	122.954 29.998	19.199 31181.752	276.966 24.525
1/5/2016 6:15:00 AM 40812.773 1.021	418500.000 45895.262	122.962 30.027	19.202 31208.779	276.985 24.502
1/5/2016 6:30:00 AM 40760.770 1.021	419400.000 45842.859	122.934 29.989	19.196 31173.145	276.920 24.533
1/5/2016 6:45:00 AM 40805.973	420300.000 45890.523	122.948 30.024	19.199 31205.559	276.953 24.506

1.021				
1/5/2016 7:00:00 AM	421200.000	122.962	19.197	276.985
40778.309	45861.555	30.003	31185.859	24.523
1.021				
1/5/2016 7:15:00 AM	422100.000	122.937	19.191	276.928
40772.008	45860.137	30.001	31184.895	24.527
1.021				
1/5/2016 7:30:00 AM	423000.000	122.980	19.193	277.024
40767.469	45853.480	29.996	31180.369	24.529
1.021				
1/5/2016 7:45:00 AM	423900.000	122.956	19.191	276.970
40742.746	45827.051	29.977	31162.395	24.544
1.021				
1/5/2016 8:00:00 AM	424800.000	122.904	19.185	276.853
40749.051	45840.570	29.987	31171.590	24.540
1.021				
1/5/2016 8:15:00 AM	425700.000	122.878	19.186	276.796
40739.285	45828.648	29.978	31163.482	24.546
1.021				
1/5/2016 8:30:00 AM	426600.000	122.878	19.195	276.795
40783.223	45869.230	30.008	31191.078	24.520
1.021				
1/5/2016 8:45:00 AM	427500.000	122.830	19.198	276.687
40727.684	45803.172	29.960	31146.158	24.553
1.021				
1/5/2016 9:00:00 AM	428400.000	122.832	19.208	276.691
40755.973	45825.113	29.977	31161.080	24.536
1.021				
1/5/2016 9:15:00 AM	429300.000	122.822	19.204	276.668
40769.117	45843.840	29.990	31173.813	24.528
1.021				
1/5/2016 9:30:00 AM	430200.000	122.747	19.196	276.499
40785.664	45870.859	30.009	31192.186	24.518
1.021				
1/5/2016 9:45:00 AM	431100.000	122.660	19.184	276.305
40741.906	45833.309	29.981	31166.652	24.545
1.021				
1/5/2016 10:00:00 AM	432000.000	122.683	19.194	276.356
40787.531	45874.762	30.012	31194.840	24.517
1.021				
1/5/2016 10:15:00 AM	432900.000	122.622	19.192	276.218
40754.781	45839.547	29.986	31170.895	24.537
1.021				
1/5/2016 10:30:00 AM	433800.000	122.599	19.196	276.165
40750.750	45831.762	29.981	31165.600	24.539
1.021				
1/5/2016 10:45:00 AM	434700.000	122.509	19.192	275.963
40760.938	45846.398	29.991	31175.553	24.533
1.021				
1/5/2016 11:00:00 AM	435600.000	122.485	19.200	275.910
40781.977	45862.254	30.003	31186.332	24.521
1.021				
1/5/2016 11:15:00 AM	436500.000	122.388	19.192	275.691
40737.254	45820.609	29.972	31158.016	24.548
1.021				
1/5/2016 11:30:00 AM	437400.000	122.373	19.190	275.657

40723.863	45806.664	29.962	31148.533	24.556
1.021				
1/5/2016 11:45:00 AM	438300.000	122.299	19.195	275.492
40733.785	45813.363	29.967	31153.090	24.550
1.021				
1/5/2016 12:00:00 PM	439200.000	122.318	19.195	275.532
40720.035	45798.082	29.956	31142.697	24.558
1.021				
1/5/2016 12:15:00 PM	440100.000	122.234	19.198	275.344
40773.965	45856.066	29.999	31182.127	24.525
1.021				
1/5/2016 12:30:00 PM	441000.000	122.210	19.194	275.291
40715.219	45793.172	29.953	31139.359	24.561
1.021				
1/5/2016 12:45:00 PM	441900.000	122.150	19.203	275.155
40716.785	45785.938	29.948	31134.439	24.560
1.021				
1/5/2016 1:00:00 PM	442800.000	122.179	19.202	275.220
40694.594	45762.273	29.930	31118.348	24.573
1.021				
1/5/2016 1:15:00 PM	443700.000	122.122	19.197	275.091
40693.668	45766.699	29.933	31121.357	24.574
1.021				
1/5/2016 1:30:00 PM	444600.000	122.157	19.193	275.171
40704.898	45783.105	29.945	31132.514	24.567
1.021				
1/5/2016 1:45:00 PM	445500.000	122.153	19.196	275.163
40682.699	45754.797	29.925	31113.264	24.580
1.021				
1/5/2016 2:00:00 PM	446400.000	122.132	19.205	275.115
40700.383	45765.867	29.933	31120.791	24.570
1.021				
1/5/2016 2:15:00 PM	447300.000	122.017	19.203	274.856
40674.664	45739.262	29.914	31102.701	24.585
1.021				
1/5/2016 2:30:00 PM	448200.000	122.068	19.207	274.970
40653.930	45711.324	29.894	31083.701	24.598
1.021				
1/5/2016 2:45:00 PM	449100.000	122.034	19.196	274.893
40639.551	45706.434	29.889	31080.375	24.607
1.021				
1/5/2016 3:00:00 PM	450000.000	122.127	19.196	275.103
40642.680	45709.445	29.892	31082.426	24.605
1.021				
1/5/2016 3:15:00 PM	450900.000	122.033	19.197	274.891
40704.656	45778.469	29.942	31129.359	24.567
1.021				
1/5/2016 3:30:00 PM	451800.000	122.164	19.198	275.187
40688.598	45759.723	29.928	31116.613	24.577
1.021				
1/5/2016 3:45:00 PM	452700.000	122.179	19.203	275.220
40685.254	45750.734	29.922	31110.502	24.579
1.021				
1/5/2016 4:00:00 PM	453600.000	122.178	19.206	275.217
40661.281	45720.707	29.900	31090.084	24.593
1.021				

1/5/2016 4:15:00 PM 40668.504 1.021	454500.000 45734.043	122.253 29.910	19.201 31099.152	275.386 24.589
1/5/2016 4:30:00 PM 40653.039 1.021	455400.000 45715.371	122.200 29.896	19.202 31086.455	275.267 24.598
1/5/2016 4:45:00 PM 40653.477 1.021	456300.000 45725.531	122.186 29.903	19.192 31093.363	275.236 24.598
1/5/2016 5:00:00 PM 40644.285 1.021	457200.000 45709.715	122.332 29.892	19.198 31082.607	275.565 24.604
1/5/2016 5:15:00 PM 40645.156 1.021	458100.000 45703.258	122.296 29.888	19.206 31078.217	275.485 24.603
1/5/2016 5:30:00 PM 40634.199 1.021	459000.000 45696.148	122.345 29.882	19.200 31073.381	275.594 24.610
1/5/2016 5:45:00 PM 40669.816 1.021	459900.000 45733.637	122.368 29.910	19.203 31098.875	275.646 24.588
1/5/2016 6:00:00 PM 40653.949 1.021	460800.000 45718.613	122.326 29.899	19.200 31088.660	275.550 24.598
1/5/2016 6:15:00 PM 40647.930 1.021	461700.000 45707.305	122.426 29.891	19.205 31080.969	275.776 24.601
1/5/2016 6:30:00 PM 40654.414 1.021	462600.000 45711.270	122.376 29.894	19.208 31083.666	275.664 24.598
1/5/2016 6:45:00 PM 40628.945 1.021	463500.000 45680.328	122.480 29.871	19.210 31062.623	275.898 24.613
1/5/2016 7:00:00 PM 40607.957 1.021	464400.000 45669.465	122.451 29.863	19.197 31055.238	275.834 24.626
1/5/2016 7:15:00 PM 40641.449 1.021	465300.000 45708.234	122.541 29.891	19.196 31081.600	276.036 24.605
1/5/2016 7:30:00 PM 40621.176 1.021	466200.000 45678.082	122.449 29.869	19.204 31061.098	275.829 24.618
1/5/2016 7:45:00 PM 40603.473 1.021	467100.000 45658.355	122.603 29.855	19.204 31047.684	276.176 24.628
1/5/2016 8:00:00 PM 40639.441 1.021	468000.000 45697.852	122.483 29.884	19.205 31074.541	275.904 24.607
1/5/2016 8:15:00 PM 40674.105 1.021	468900.000 45735.383	122.492 29.911	19.206 31100.061	275.925 24.586
1/5/2016 8:30:00 PM 40646.742 1.021	469800.000 45703.672	122.573 29.888	19.207 31078.498	276.107 24.602
1/5/2016 8:45:00 PM 40629.645	470700.000 45686.496	122.529 29.875	19.205 31066.820	276.008 24.613

1.021				
1/5/2016 9:00:00 PM	471600.000	122.460	19.203	275.852
40640.066	45700.266	29.885	31076.184	24.606
1.021				
1/5/2016 9:15:00 PM	472500.000	122.545	19.198	276.044
40628.828	45691.902	29.879	31070.496	24.613
1.021				
1/5/2016 9:30:00 PM	473400.000	122.473	19.206	275.882
40635.777	45692.711	29.880	31071.045	24.609
1.021				
1/5/2016 9:45:00 PM	474300.000	122.651	19.206	276.283
40649.273	45707.113	29.890	31080.840	24.601
1.021				
1/5/2016 10:00:00 PM	475200.000	122.473	19.201	275.882
40622.176	45681.773	29.872	31063.605	24.617
1.021				
1/5/2016 10:15:00 PM	476100.000	122.580	19.208	276.124
40640.098	45695.258	29.882	31072.777	24.606
1.021				
1/5/2016 10:30:00 PM	477000.000	122.506	19.206	275.956
40634.211	45690.859	29.879	31069.785	24.610
1.021				
1/5/2016 10:45:00 PM	477900.000	122.471	19.210	275.877
40636.434	45689.008	29.877	31068.527	24.608
1.021				
1/5/2016 11:00:00 PM	478800.000	122.493	19.205	275.928
40589.309	45641.230	29.842	31036.039	24.637
1.021				
1/5/2016 11:15:00 PM	479700.000	122.428	19.207	275.781
40630.613	45685.191	29.875	31065.932	24.612
1.021				
1/5/2016 11:30:00 PM	480600.000	122.429	19.206	275.784
40619.492	45673.547	29.866	31058.014	24.619
1.021				
1/5/2016 11:45:00 PM	481500.000	122.430	19.203	275.787
40583.242	45636.547	29.839	31032.852	24.641
1.021				
1/6/2016 12:00:00 AM	482400.000	122.394	19.216	275.703
40621.496	45666.309	29.861	31053.092	24.618
1.021				
1/6/2016 12:15:00 AM	483300.000	122.325	19.214	275.548
40630.922	45679.051	29.870	31061.756	24.612
1.021				
1/6/2016 12:30:00 AM	484200.000	122.387	19.206	275.688
40598.848	45650.508	29.849	31042.348	24.631
1.021				
1/6/2016 12:45:00 AM	485100.000	122.420	19.208	275.763
40589.098	45638.250	29.840	31034.012	24.637
1.021				
1/6/2016 1:00:00 AM	486000.000	122.417	19.205	275.756
40636.191	45694.195	29.881	31072.055	24.609
1.021				
1/6/2016 1:15:00 AM	486900.000	122.426	19.203	275.776
40596.543	45651.324	29.850	31042.902	24.633
1.021				
1/6/2016 1:30:00 AM	487800.000	122.317	19.209	275.531

40577.188	45623.336	29.830	31023.871	24.644
1.021				
1/6/2016 1:45:00 AM	488700.000	122.372	19.201	275.654
40564.402	45617.141	29.825	31019.656	24.652
1.021				
1/6/2016 2:00:00 AM	489600.000	122.367	19.205	275.643
40595.512	45647.941	29.847	31040.602	24.633
1.021				
1/6/2016 2:15:00 AM	490500.000	122.391	19.205	275.697
40569.004	45617.965	29.825	31020.219	24.649
1.021				
1/6/2016 2:30:00 AM	491400.000	122.417	19.211	275.756
40576.641	45620.750	29.828	31022.109	24.645
1.021				
1/6/2016 2:45:00 AM	492300.000	122.441	19.209	275.809
40551.277	45594.281	29.808	31004.111	24.660
1.021				
1/6/2016 3:00:00 AM	493200.000	122.544	19.209	276.041
40548.230	45590.938	29.806	31001.838	24.662
1.021				
1/6/2016 3:15:00 AM	494100.000	122.486	19.206	275.912
40529.992	45573.508	29.793	30989.988	24.673
1.021				
1/6/2016 3:30:00 AM	495000.000	122.546	19.209	276.047
40544.551	45586.801	29.803	30999.027	24.664
1.021				
1/6/2016 3:45:00 AM	495900.000	122.628	19.204	276.231
40573.168	45623.836	29.830	31024.211	24.647
1.021				
1/6/2016 4:00:00 AM	496800.000	122.601	19.212	276.171
40533.188	45571.391	29.792	30988.549	24.671
1.021				
1/6/2016 4:15:00 AM	497700.000	122.728	19.222	276.456
40515.156	45541.492	29.771	30968.217	24.682
1.021				
1/6/2016 4:30:00 AM	498600.000	122.724	19.211	276.448
40499.879	45534.617	29.765	30963.541	24.691
1.021				
1/6/2016 4:45:00 AM	499500.000	122.818	19.208	276.659
40512.582	45551.535	29.777	30975.047	24.684
1.021				
1/6/2016 5:00:00 AM	500400.000	122.808	19.214	276.636
40511.996	45545.426	29.773	30970.893	24.684
1.021				
1/6/2016 5:15:00 AM	501300.000	122.850	19.210	276.732
40544.969	45586.762	29.803	30998.998	24.664
1.021				
1/6/2016 5:30:00 AM	502200.000	122.836	19.219	276.701
40540.488	45572.602	29.793	30989.371	24.667
1.021				
1/6/2016 5:45:00 AM	503100.000	122.862	19.214	276.758
40490.367	45521.109	29.755	30954.357	24.697
1.021				
1/6/2016 6:00:00 AM	504000.000	122.920	19.214	276.889
40523.816	45558.375	29.782	30979.695	24.677
1.021				

1/6/2016 6:15:00 AM 40518.734 1.021	504900.000 45557.176	122.939 29.781	19.210 30978.881	276.933 24.680
1/6/2016 6:30:00 AM 40504.789 1.021	505800.000 45543.117	122.945 29.771	19.208 30969.322	276.946 24.688
1/6/2016 6:45:00 AM 40493.320 1.021	506700.000 45528.438	122.954 29.760	19.210 30959.340	276.966 24.695
1/6/2016 7:00:00 AM 40505.027 1.021	507600.000 45542.203	123.040 29.770	19.209 30968.701	277.159 24.688
1/6/2016 7:15:00 AM 40486.180 1.021	508500.000 45517.762	123.017 29.753	19.213 30952.080	277.107 24.700
1/6/2016 7:30:00 AM 40502.582 1.021	509400.000 45533.914	123.128 29.765	19.215 30963.064	277.359 24.690
1/6/2016 7:45:00 AM 40474.258 1.021	510300.000 45499.090	123.000 29.739	19.218 30939.383	277.070 24.707
1/6/2016 8:00:00 AM 40494.875 1.021	511200.000 45528.223	122.982 29.760	19.212 30959.191	277.029 24.694
1/6/2016 8:15:00 AM 40448.773 1.021	512100.000 45478.777	122.986 29.724	19.209 30925.570	277.037 24.723
1/6/2016 8:30:00 AM 40442.367 1.021	513000.000 45470.637	122.926 29.718	19.210 30920.035	276.902 24.727
1/6/2016 8:45:00 AM 40452.262 1.021	513900.000 45481.938	122.951 29.727	19.210 30927.721	276.959 24.720
1/6/2016 9:00:00 AM 40429.906 1.021	514800.000 45453.824	122.905 29.706	19.213 30908.604	276.855 24.734
1/6/2016 9:15:00 AM 40496.645 1.021	515700.000 45530.563	122.904 29.762	19.211 30960.785	276.853 24.693
1/6/2016 9:30:00 AM 40482.699 1.021	516600.000 45517.004	122.839 29.752	19.209 30951.564	276.706 24.702
1/6/2016 9:45:00 AM 40438.414 1.021	517500.000 45464.492	122.800 29.714	19.212 30915.857	276.618 24.729
1/6/2016 10:00:00 AM 40461.348 1.021	518400.000 45488.063	122.734 29.731	19.214 30931.885	276.470 24.715
1/6/2016 10:15:00 AM 40436.078 1.021	519300.000 45469.082	122.774 29.717	19.205 30918.979	276.561 24.730
1/6/2016 10:30:00 AM 40450.414 1.021	520200.000 45482.230	122.704 29.727	19.208 30927.920	276.402 24.722
1/6/2016 10:45:00 AM 40433.004	521100.000 45463.340	122.648 29.713	19.207 30915.074	276.277 24.732

1.021				
1/6/2016 11:00:00 AM	522000.000	122.571	19.215	276.103
40401.824	45420.891	29.682	30886.205	24.751
1.021				
1/6/2016 11:15:00 AM	522900.000	122.473	19.209	275.882
40400.496	45425.004	29.685	30889.006	24.752
1.021				
1/6/2016 11:30:00 AM	523800.000	122.445	19.209	275.820
40376.410	45397.332	29.665	30870.188	24.767
1.021				
1/6/2016 11:45:00 AM	524700.000	122.434	19.205	275.794
40407.805	45436.613	29.693	30896.898	24.748
1.021				
1/6/2016 12:00:00 PM	525600.000	122.425	19.206	275.773
40402.797	45430.566	29.689	30892.785	24.751
1.021				
1/6/2016 12:15:00 PM	526500.000	122.356	19.211	275.618
40365.582	45383.707	29.655	30860.924	24.774
1.021				
1/6/2016 12:30:00 PM	527400.000	122.256	19.210	275.394
40357.105	45375.195	29.649	30855.135	24.779
1.021				
1/6/2016 12:45:00 PM	528300.000	122.219	19.213	275.310
40374.305	45391.730	29.661	30866.379	24.768
1.021				
1/6/2016 1:00:00 PM	529200.000	122.196	19.207	275.259
40358.402	45379.293	29.652	30857.922	24.778
1.021				
1/6/2016 1:15:00 PM	530100.000	122.101	19.206	275.045
40305.453	45321.367	29.610	30818.531	24.811
1.021				
1/6/2016 1:30:00 PM	531000.000	122.136	19.209	275.123
40289.328	45299.504	29.594	30803.664	24.820
1.021				
1/6/2016 1:45:00 PM	531900.000	122.125	19.208	275.098
40346.266	45364.711	29.641	30848.006	24.785
1.021				
1/6/2016 2:00:00 PM	532800.000	122.097	19.212	275.035
40299.441	45308.328	29.600	30809.666	24.814
1.021				
1/6/2016 2:15:00 PM	533700.000	122.051	19.211	274.931
40304.254	45314.258	29.605	30813.695	24.811
1.021				
1/6/2016 2:30:00 PM	534600.000	122.068	19.209	274.970
40309.754	45322.645	29.611	30819.400	24.808
1.021				
1/6/2016 2:45:00 PM	535500.000	122.046	19.209	274.921
40290.969	45301.348	29.595	30804.918	24.819
1.021				
1/6/2016 3:00:00 PM	536400.000	122.031	19.210	274.887
40339.563	45354.887	29.634	30841.326	24.790
1.021				
1/6/2016 3:15:00 PM	537300.000	122.046	19.208	274.919
40271.992	45281.449	29.581	30791.387	24.831
1.021				
1/6/2016 3:30:00 PM	538200.000	122.073	19.210	274.981

40345.566	45362.477	29.640	30846.484	24.786
1.021				
1/6/2016 3:45:00 PM	539100.000	122.013	19.209	274.846
40302.293	45314.754	29.605	30814.035	24.812
1.021				
1/6/2016 4:00:00 PM	540000.000	122.091	19.203	275.022
40291.980	45309.020	29.600	30810.135	24.819
1.021				
1/6/2016 4:15:00 PM	540900.000	122.106	19.208	275.057
40264.844	45273.160	29.575	30785.752	24.836
1.021				
1/6/2016 4:30:00 PM	541800.000	122.138	19.205	275.129
40275.770	45288.066	29.585	30795.887	24.829
1.021				
1/6/2016 4:45:00 PM	542700.000	122.178	19.208	275.217
40272.980	45282.563	29.581	30792.145	24.831
1.021				
1/6/2016 5:00:00 PM	543600.000	122.230	19.210	275.334
40302.559	45313.953	29.604	30813.490	24.812
1.021				
1/6/2016 5:15:00 PM	544500.000	122.215	19.209	275.301
40289.270	45300.031	29.594	30804.023	24.821
1.021				
1/6/2016 5:30:00 PM	545400.000	122.245	19.218	275.368
40274.914	45274.734	29.576	30786.822	24.829
1.021				
1/6/2016 5:45:00 PM	546300.000	122.241	19.216	275.360
40278.121	45280.547	29.580	30790.773	24.827
1.021				
1/6/2016 6:00:00 PM	547200.000	122.341	19.214	275.584
40286.105	45291.563	29.588	30798.266	24.822
1.021				
1/6/2016 6:15:00 PM	548100.000	122.377	19.218	275.667
40236.398	45231.781	29.545	30757.611	24.853
1.021				
1/6/2016 6:30:00 PM	549000.000	122.404	19.208	275.727
40275.555	45285.285	29.583	30793.994	24.829
1.021				
1/6/2016 6:45:00 PM	549900.000	122.494	19.213	275.929
40306.438	45315.184	29.605	30814.326	24.810
1.021				
1/6/2016 7:00:00 PM	550800.000	122.467	19.226	275.870
40282.598	45275.848	29.577	30787.578	24.825
1.021				
1/6/2016 7:15:00 PM	551700.000	122.483	19.220	275.904
40294.945	45295.570	29.591	30800.988	24.817
1.021				
1/6/2016 7:30:00 PM	552600.000	122.511	19.211	275.969
40290.777	45299.105	29.594	30803.395	24.820
1.021				
1/6/2016 7:45:00 PM	553500.000	122.548	19.219	276.051
40246.340	45242.281	29.553	30764.754	24.847
1.021				
1/6/2016 8:00:00 PM	554400.000	122.547	19.213	276.049
40298.031	45305.473	29.598	30807.725	24.815
1.021				

1/6/2016 8:15:00 PM	555300.000	122.620	19.213	276.213
40303.711	45312.199	29.603	30812.297	24.812
1.021				
1/6/2016 8:30:00 PM	556200.000	122.603	19.211	276.176
40280.859	45288.113	29.586	30795.920	24.826
1.021				
1/6/2016 8:45:00 PM	557100.000	122.659	19.215	276.301
40270.668	45273.441	29.575	30785.941	24.832
1.021				
1/6/2016 9:00:00 PM	558000.000	122.632	19.212	276.242
40284.027	45291.168	29.588	30797.996	24.824
1.021				
1/6/2016 9:15:00 PM	558900.000	122.644	19.210	276.267
40305.430	45316.672	29.606	30815.340	24.811
1.021				
1/6/2016 9:30:00 PM	559800.000	122.634	19.220	276.244
40289.121	45289.281	29.587	30796.713	24.821
1.021				
1/6/2016 9:45:00 PM	560700.000	122.608	19.219	276.187
40289.895	45291.160	29.588	30797.988	24.820
1.021				
1/6/2016 10:00:00 PM	561600.000	122.668	19.210	276.322
40242.422	45245.668	29.555	30767.055	24.849
1.021				
1/6/2016 10:15:00 PM	562500.000	122.594	19.205	276.155
40260.484	45271.391	29.573	30784.547	24.838
1.021				
1/6/2016 10:30:00 PM	563400.000	122.639	19.206	276.257
40290.703	45303.930	29.597	30806.674	24.820
1.021				
1/6/2016 10:45:00 PM	564300.000	122.603	19.205	276.176
40264.137	45275.660	29.576	30787.451	24.836
1.021				
1/6/2016 11:00:00 PM	565200.000	122.583	19.203	276.130
40309.672	45328.141	29.614	30823.137	24.808
1.021				
1/6/2016 11:15:00 PM	566100.000	122.555	19.205	276.067
40247.438	45256.379	29.562	30774.340	24.846
1.021				
1/6/2016 11:30:00 PM	567000.000	122.537	19.212	276.026
40320.445	45331.859	29.618	30825.666	24.801
1.021				
1/6/2016 11:45:00 PM	567900.000	122.584	19.207	276.132
40292.215	45304.871	29.598	30807.314	24.819
1.021				

Report Date: 1/11/2016 11:28:31 AM
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_2016-01-07_10-09-23-244.wsl
Create Date: 1/7/2016 10:09:16 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
 1/3/2016 9:53:52 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: CShaw Interval - Start
 Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM
 1/7/2016 10:08:55 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: KMakar Interval -
 Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM

Log Data:

Record Count: 672

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	
SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424
395424	395424	395424	395424	395424	395424
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)				
12/31/2015 12:00:00 AM	2674800.000	67.618	16.374	152.315	
42240.391	50572.781	33.291	34.389	23.674	
1.024					
12/31/2015 12:15:00 AM	2675700.000	67.618	16.373	152.315	
42232.387	50564.223	33.284	34.384	23.679	
1.024					
12/31/2015 12:30:00 AM	2676600.000	67.611	16.374	152.301	
42262.977	50599.617	33.310	34.408	23.661	

1.024					
12/31/2015 12:45:00 AM	2677500.000	67.638	16.373	152.361	
42290.074	50632.891	33.335	34.430	23.646	
1.024					
12/31/2015 1:00:00 AM	2678400.000	67.649	16.374	152.387	
42258.801	50594.418	33.307	34.404	23.664	
1.024					
12/31/2015 1:15:00 AM	2679300.000	67.645	16.373	152.376	
42266.938	50605.074	33.314	34.411	23.659	
1.024					
12/31/2015 1:30:00 AM	2680200.000	67.650	16.373	152.389	
42253.848	50589.520	33.303	34.401	23.666	
1.024					
12/31/2015 1:45:00 AM	2681100.000	67.662	16.373	152.416	
42222.383	50551.730	33.275	34.375	23.684	
1.024					
12/31/2015 2:00:00 AM	2682000.000	67.668	16.373	152.428	
42231.973	50563.215	33.284	34.383	23.679	
1.024					
12/31/2015 2:15:00 AM	2682900.000	67.673	16.373	152.439	
42216.410	50545.297	33.270	34.371	23.687	
1.024					
12/31/2015 2:30:00 AM	2683800.000	67.695	16.372	152.489	
42271.621	50611.797	33.319	34.416	23.657	
1.024					
12/31/2015 2:45:00 AM	2684700.000	67.685	16.372	152.467	
42241.289	50575.797	33.293	34.392	23.674	
1.024					
12/31/2015 3:00:00 AM	2685600.000	67.716	16.372	152.538	
42252.777	50589.352	33.303	34.401	23.667	
1.024					
12/31/2015 3:15:00 AM	2686500.000	67.705	16.373	152.512	
42274.945	50615.281	33.322	34.418	23.655	
1.024					
12/31/2015 3:30:00 AM	2687400.000	67.706	16.372	152.515	
42278.121	50620.195	33.325	34.422	23.653	
1.024					
12/31/2015 3:45:00 AM	2688300.000	67.730	16.372	152.569	
42274.379	50615.215	33.322	34.418	23.655	
1.024					
12/31/2015 4:00:00 AM	2689200.000	67.738	16.372	152.586	
42261.094	50599.906	33.310	34.408	23.662	
1.024					
12/31/2015 4:15:00 AM	2690100.000	67.738	16.371	152.586	
42259.410	50598.402	33.309	34.407	23.663	
1.024					
12/31/2015 4:30:00 AM	2691000.000	67.724	16.372	152.554	
42234.930	50568.695	33.287	34.387	23.677	
1.024					
12/31/2015 4:45:00 AM	2691900.000	67.728	16.371	152.564	
42284.125	50627.996	33.331	34.427	23.650	
1.024					
12/31/2015 5:00:00 AM	2692800.000	67.749	16.371	152.612	
42289.367	50635.074	33.336	34.432	23.647	
1.024					

12/31/2015 5:15:00 AM 42273.164 1.024	2693700.000 50616.188	67.746 33.322	16.370 34.419	152.604 23.656
12/31/2015 5:30:00 AM 42292.273 1.024	2694600.000 50639.270	67.738 33.339	16.370 34.435	152.586 23.645
12/31/2015 5:45:00 AM 42270.637 1.024	2695500.000 50613.363	67.738 33.320	16.370 34.417	152.587 23.657
12/31/2015 6:00:00 AM 42249.535 1.024	2696400.000 50587.699	67.758 33.301	16.370 34.400	152.631 23.669
12/31/2015 6:15:00 AM 42246.887 1.024	2697300.000 50584.125	67.739 33.299	16.371 34.397	152.590 23.670
12/31/2015 6:30:00 AM 42299.258 1.024	2698200.000 50648.145	67.752 33.346	16.370 34.441	152.619 23.641
12/31/2015 6:45:00 AM 42269.707 1.024	2699100.000 50612.457	67.733 33.319	16.370 34.416	152.574 23.658
12/31/2015 7:00:00 AM 42249.512 1.024	2700000.000 50588.488	67.742 33.302	16.370 34.400	152.595 23.669
12/31/2015 7:15:00 AM 42260.043 1.024	2700900.000 50599.875	67.737 33.310	16.371 34.408	152.583 23.663
12/31/2015 7:30:00 AM 42293.906 1.024	2701800.000 50641.430	67.719 33.341	16.370 34.436	152.543 23.644
12/31/2015 7:45:00 AM 42248.816 1.024	2702700.000 50587.141	67.735 33.301	16.370 34.399	152.581 23.669
12/31/2015 8:00:00 AM 42255.977 1.024	2703600.000 50596.016	67.711 33.307	16.370 34.405	152.526 23.665
12/31/2015 8:15:00 AM 42245.816 1.024	2704500.000 50583.551	67.708 33.298	16.370 34.397	152.519 23.671
12/31/2015 8:30:00 AM 42259.367 1.024	2705400.000 50600.488	67.707 33.311	16.369 34.408	152.516 23.663
12/31/2015 8:45:00 AM 42278.105 1.024	2706300.000 50623.227	67.697 33.327	16.369 34.424	152.494 23.653
12/31/2015 9:00:00 AM 42259.297 1.024	2707200.000 50600.500	67.703 33.311	16.369 34.408	152.508 23.663
12/31/2015 9:15:00 AM 42230.512 1.024	2708100.000 50565.523	67.698 33.285	16.370 34.385	152.496 23.680
12/31/2015 9:30:00 AM 42264.105 1.024	2709000.000 50606.258	67.701 33.315	16.369 34.412	152.503 23.661
12/31/2015 9:45:00 AM	2709900.000	67.708	16.370	152.519

42272.656	50615.383	33.322	34.418	23.656
1.024				
12/31/2015 10:00:00 AM	0.000	67.688	16.370	152.473
42229.961	50565.172	33.285	34.384	23.680
1.024				
12/31/2015 10:15:00 AM	900.000	67.712	16.369	152.527
42270.301	50613.582	33.320	34.417	23.657
1.024				
12/31/2015 10:30:00 AM	1800.000	67.693	16.370	152.486
42286.773	50632.184	33.334	34.430	23.648
1.024				
12/31/2015 10:45:00 AM	2700.000	67.691	16.370	152.480
42289.254	50635.973	33.337	34.432	23.647
1.024				
12/31/2015 11:00:00 AM	3600.000	67.711	16.371	152.525
42233.809	50568.465	33.287	34.387	23.678
1.024				
12/31/2015 11:15:00 AM	4500.000	67.691	16.370	152.481
42265.301	50606.574	33.315	34.412	23.660
1.024				
12/31/2015 11:30:00 AM	5400.000	67.695	16.370	152.491
42225.543	50559.367	33.280	34.380	23.682
1.024				
12/31/2015 11:45:00 AM	6300.000	67.701	16.370	152.502
42289.488	50635.637	33.337	34.432	23.647
1.024				
12/31/2015 12:00:00 PM	7200.000	67.720	16.370	152.546
42265.059	50606.387	33.315	34.412	23.660
1.024				
12/31/2015 12:15:00 PM	8100.000	67.697	16.370	152.494
42277.535	50621.941	33.326	34.423	23.653
1.024				
12/31/2015 12:30:00 PM	9000.000	67.720	16.370	152.546
42282.141	50627.137	33.330	34.426	23.651
1.024				
12/31/2015 12:45:00 PM	9900.000	67.700	16.370	152.501
42249.797	50588.922	33.302	34.400	23.669
1.024				
12/31/2015 1:00:00 PM	10800.000	67.704	16.370	152.510
42215.008	50546.754	33.271	34.372	23.688
1.024				
12/31/2015 1:15:00 PM	11700.000	67.708	16.370	152.519
42252.590	50591.961	33.304	34.403	23.667
1.024				
12/31/2015 1:30:00 PM	12600.000	67.713	16.370	152.530
42237.801	50573.844	33.291	34.390	23.675
1.024				
12/31/2015 1:45:00 PM	13500.000	67.712	16.369	152.528
42277.652	50622.992	33.327	34.424	23.653
1.024				
12/31/2015 2:00:00 PM	14400.000	67.713	16.370	152.531
42234.566	50570.590	33.289	34.388	23.677
1.024				
12/31/2015 2:15:00 PM	15300.000	67.720	16.369	152.547
42252.547	50593.020	33.305	34.403	23.667

1.024				
12/31/2015 2:30:00 PM	16200.000	67.721	16.369	152.547
42255.129	50596.223	33.307	34.405	23.666
1.024				
12/31/2015 2:45:00 PM	17100.000	67.720	16.369	152.547
42250.262	50590.195	33.303	34.401	23.668
1.024				
12/31/2015 3:00:00 PM	18000.000	67.740	16.368	152.590
42258.113	50600.512	33.311	34.408	23.664
1.024				
12/31/2015 3:15:00 PM	18900.000	67.719	16.369	152.543
42266.402	50609.930	33.318	34.415	23.659
1.024				
12/31/2015 3:30:00 PM	19800.000	67.718	16.368	152.541
42256.816	50598.758	33.309	34.407	23.665
1.024				
12/31/2015 3:45:00 PM	20700.000	67.717	16.369	152.538
42274.246	50619.215	33.324	34.421	23.655
1.024				
12/31/2015 4:00:00 PM	21600.000	67.713	16.369	152.531
42249.914	50590.281	33.303	34.401	23.669
1.024				
12/31/2015 4:15:00 PM	22500.000	67.707	16.369	152.516
42260.855	50602.969	33.312	34.410	23.663
1.024				
12/31/2015 4:30:00 PM	23400.000	67.720	16.368	152.546
42270.523	50615.371	33.322	34.418	23.657
1.024				
12/31/2015 4:45:00 PM	24300.000	67.697	16.369	152.495
42277.332	50622.609	33.327	34.423	23.653
1.024				
12/31/2015 5:00:00 PM	25200.000	67.685	16.369	152.466
42241.117	50579.750	33.295	34.394	23.674
1.024				
12/31/2015 5:15:00 PM	26100.000	67.692	16.368	152.483
42226.883	50562.820	33.283	34.383	23.682
1.024				
12/31/2015 5:30:00 PM	27000.000	67.683	16.368	152.462
42256.383	50598.637	33.309	34.407	23.665
1.024				
12/31/2015 5:45:00 PM	27900.000	67.658	16.368	152.407
42298.949	50649.207	33.346	34.441	23.641
1.024				
12/31/2015 6:00:00 PM	28800.000	67.645	16.369	152.378
42287.250	50634.688	33.336	34.432	23.648
1.024				
12/31/2015 6:15:00 PM	29700.000	67.639	16.369	152.363
42255.129	50596.430	33.308	34.406	23.666
1.024				
12/31/2015 6:30:00 PM	30600.000	67.621	16.369	152.323
42262.965	50605.707	33.314	34.412	23.661
1.024				
12/31/2015 6:45:00 PM	31500.000	67.608	16.369	152.293
42284.359	50630.508	33.333	34.429	23.649
1.024				

12/31/2015 7:00:00 PM 42294.387 1.024	32400.000 50642.828	67.597 33.342	16.369 34.437	152.270 23.644
12/31/2015 7:15:00 PM 42262.031 1.024	33300.000 50604.184	67.581 33.313	16.369 34.411	152.232 23.662
12/31/2015 7:30:00 PM 42275.480 1.024	34200.000 50619.277	67.588 33.325	16.370 34.421	152.249 23.654
12/31/2015 7:45:00 PM 42233.141 1.024	35100.000 50568.465	67.564 33.287	16.370 34.387	152.194 23.678
12/31/2015 8:00:00 PM 42232.566 1.024	36000.000 50568.195	67.556 33.287	16.370 34.386	152.176 23.678
12/31/2015 8:15:00 PM 42257.293 1.024	36900.000 50597.500	67.549 33.308	16.370 34.406	152.160 23.665
12/31/2015 8:30:00 PM 42271.363 1.024	37800.000 50613.016	67.553 33.320	16.371 34.417	152.170 23.657
12/31/2015 8:45:00 PM 42238.980 1.024	38700.000 50574.957	67.528 33.292	16.370 34.391	152.113 23.675
12/31/2015 9:00:00 PM 42224.691 1.024	39600.000 50557.133	67.537 33.279	16.371 34.379	152.134 23.683
12/31/2015 9:15:00 PM 42273.773 1.024	40500.000 50615.602	67.516 33.322	16.371 34.419	152.086 23.655
12/31/2015 9:30:00 PM 42251.367 1.024	41400.000 50588.578	67.521 33.302	16.372 34.400	152.097 23.668
12/31/2015 9:45:00 PM 42244.637 1.024	42300.000 50580.520	67.504 33.296	16.372 34.395	152.059 23.672
12/31/2015 10:00:00 PM 42236.852 1.024	43200.000 50570.680	67.510 33.289	16.372 34.388	152.074 23.676
12/31/2015 10:15:00 PM 42288.129 1.024	44100.000 50632.895	67.495 33.335	16.371 34.430	152.038 23.647
12/31/2015 10:30:00 PM 42306.191 1.024	45000.000 50652.887	67.510 33.349	16.373 34.444	152.074 23.637
12/31/2015 10:45:00 PM 42293.293 1.024	45900.000 50638.363	67.491 33.339	16.372 34.434	152.031 23.644
12/31/2015 11:00:00 PM 42262.344 1.024	46800.000 50601.102	67.493 33.311	16.372 34.409	152.035 23.662
12/31/2015 11:15:00 PM 42244.324 1.024	47700.000 50580.031	67.499 33.296	16.372 34.394	152.047 23.672
12/31/2015 11:30:00 PM	48600.000	67.508	16.372	152.069

42288.570	50632.004	33.334	34.430	23.647
1.024				
12/31/2015 11:45:00 PM	49500.000	67.503	16.373	152.057
42243.402	50577.516	33.294	34.393	23.672
1.024				
1/1/2016 12:00:00 AM	50400.000	67.519	16.373	152.093
42292.934	50636.316	33.337	34.433	23.645
1.024				
1/1/2016 12:15:00 AM	51300.000	67.509	16.373	152.070
42254.082	50590.195	33.303	34.401	23.666
1.024				
1/1/2016 12:30:00 AM	52200.000	67.519	16.372	152.094
42266.074	50605.156	33.314	34.412	23.660
1.024				
1/1/2016 12:45:00 AM	53100.000	67.541	16.373	152.144
42265.707	50603.805	33.313	34.411	23.660
1.024				
1/1/2016 1:00:00 AM	54000.000	67.534	16.373	152.127
42249.359	50584.031	33.299	34.397	23.669
1.024				
1/1/2016 1:15:00 AM	54900.000	67.539	16.372	152.138
42234.348	50567.082	33.286	34.386	23.677
1.024				
1/1/2016 1:30:00 AM	55800.000	67.567	16.373	152.201
42274.398	50614.926	33.321	34.418	23.655
1.024				
1/1/2016 1:45:00 AM	56700.000	67.575	16.372	152.220
42277.141	50618.316	33.324	34.420	23.653
1.024				
1/1/2016 2:00:00 AM	57600.000	67.573	16.373	152.216
42229.785	50561.105	33.282	34.382	23.680
1.024				
1/1/2016 2:15:00 AM	58500.000	67.597	16.373	152.270
42267.063	50606.039	33.315	34.412	23.659
1.024				
1/1/2016 2:30:00 AM	59400.000	67.590	16.373	152.254
42268.262	50606.973	33.316	34.413	23.658
1.024				
1/1/2016 2:45:00 AM	60300.000	67.612	16.372	152.304
42254.820	50591.797	33.304	34.402	23.666
1.024				
1/1/2016 3:00:00 AM	61200.000	67.610	16.372	152.298
42255.535	50593.051	33.305	34.403	23.666
1.024				
1/1/2016 3:15:00 AM	62100.000	67.640	16.372	152.366
42276.422	50617.660	33.323	34.420	23.654
1.024				
1/1/2016 3:30:00 AM	63000.000	67.641	16.372	152.368
42244.719	50580.504	33.296	34.395	23.672
1.024				
1/1/2016 3:45:00 AM	63900.000	67.635	16.371	152.354
42267.094	50607.500	33.316	34.413	23.659
1.024				
1/1/2016 4:00:00 AM	64800.000	67.642	16.371	152.369
42286.645	50631.727	33.334	34.430	23.648

1.024				
1/1/2016 4:15:00 AM	65700.000	67.652	16.371	152.393
42240.176	50575.887	33.293	34.392	23.674
1.024				
1/1/2016 4:30:00 AM	66600.000	67.659	16.371	152.409
42281.602	50625.379	33.329	34.425	23.651
1.024				
1/1/2016 4:45:00 AM	67500.000	67.675	16.371	152.445
42243.148	50579.543	33.295	34.394	23.672
1.024				
1/1/2016 5:00:00 AM	68400.000	67.675	16.370	152.446
42270.793	50613.754	33.320	34.417	23.657
1.024				
1/1/2016 5:15:00 AM	69300.000	67.668	16.370	152.428
42238.293	50574.238	33.291	34.390	23.675
1.024				
1/1/2016 5:30:00 AM	70200.000	67.672	16.370	152.438
42242.734	50579.750	33.295	34.394	23.673
1.024				
1/1/2016 5:45:00 AM	71100.000	67.688	16.370	152.473
42237.492	50573.176	33.291	34.390	23.676
1.024				
1/1/2016 6:00:00 AM	72000.000	67.677	16.369	152.449
42219.023	50552.992	33.276	34.376	23.686
1.024				
1/1/2016 6:15:00 AM	72900.000	67.694	16.369	152.487
42240.375	50578.355	33.294	34.393	23.674
1.024				
1/1/2016 6:30:00 AM	73800.000	67.685	16.369	152.467
42240.754	50578.504	33.294	34.393	23.674
1.024				
1/1/2016 6:45:00 AM	74700.000	67.691	16.369	152.481
42286.344	50633.902	33.335	34.431	23.648
1.024				
1/1/2016 7:00:00 AM	75600.000	67.682	16.369	152.461
42234.121	50571.070	33.289	34.388	23.678
1.024				
1/1/2016 7:15:00 AM	76500.000	67.698	16.369	152.497
42272.727	50616.988	33.323	34.420	23.656
1.024				
1/1/2016 7:30:00 AM	77400.000	67.681	16.369	152.458
42237.422	50574.820	33.292	34.391	23.676
1.024				
1/1/2016 7:45:00 AM	78300.000	67.672	16.369	152.437
42261.617	50604.199	33.313	34.411	23.662
1.024				
1/1/2016 8:00:00 AM	79200.000	67.686	16.368	152.470
42220.238	50555.160	33.277	34.378	23.685
1.024				
1/1/2016 8:15:00 AM	80100.000	67.684	16.369	152.466
42213.246	50545.871	33.270	34.371	23.689
1.024				
1/1/2016 8:30:00 AM	81000.000	67.665	16.368	152.423
42249.227	50590.480	33.303	34.402	23.669
1.024				

1/1/2016 8:45:00 AM 42241.762 1.024	81900.000 50580.934	67.663 33.296	16.368 34.395	152.417 23.673
1/1/2016 9:00:00 AM 42274.461 1.024	82800.000 50620.195	67.659 33.325	16.368 34.422	152.409 23.655
1/1/2016 9:15:00 AM 42250.453 1.024	83700.000 50591.449	67.672 33.304	16.368 34.402	152.437 23.668
1/1/2016 9:30:00 AM 42196.984 1.024	84600.000 50527.711	67.649 33.257	16.368 34.359	152.385 23.698
1/1/2016 9:45:00 AM 42256.168 1.024	85500.000 50597.980	67.648 33.309	16.368 34.407	152.385 23.665
1/1/2016 10:00:00 AM 42267.441 1.024	86400.000 50611.480	67.637 33.319	16.368 34.416	152.359 23.659
1/1/2016 10:15:00 AM 42223.957 1.024	87300.000 50559.410	67.647 33.280	16.368 34.380	152.382 23.683
1/1/2016 10:30:00 AM 42309.813 1.024	88200.000 50661.590	67.633 33.356	16.369 34.450	152.351 23.635
1/1/2016 10:45:00 AM 42261.141 1.024	89100.000 50604.031	67.640 33.313	16.368 34.411	152.365 23.662
1/1/2016 11:00:00 AM 42237.602 1.024	90000.000 50575.750	67.632 33.292	16.368 34.392	152.347 23.676
1/1/2016 11:15:00 AM 42254.949 1.024	90900.000 50596.313	67.638 33.308	16.369 34.405	152.360 23.666
1/1/2016 11:30:00 AM 42253.074 1.024	91800.000 50594.480	67.632 33.306	16.368 34.404	152.347 23.667
1/1/2016 11:45:00 AM 42249.305 1.024	92700.000 50588.941	67.643 33.302	16.369 34.400	152.373 23.669
1/1/2016 12:00:00 PM 42288.863 1.024	93600.000 50636.504	67.651 33.337	16.369 34.433	152.390 23.647
1/1/2016 12:15:00 PM 42275.063 1.024	94500.000 50621.117	67.642 33.326	16.368 34.422	152.369 23.655
1/1/2016 12:30:00 PM 42262.609 1.024	95400.000 50605.387	67.636 33.314	16.369 34.412	152.356 23.662
1/1/2016 12:45:00 PM 42254.727 1.024	96300.000 50596.566	67.633 33.308	16.368 34.406	152.351 23.666
1/1/2016 1:00:00 PM 42238.516 1.024	97200.000 50575.926	67.642 33.293	16.369 34.392	152.371 23.675
1/1/2016 1:15:00 PM	98100.000	67.636	16.369	152.356

42262.121	50604.699	33.314	34.411	23.662
1.024				
1/1/2016 1:30:00 PM	99000.000	67.650	16.368	152.388
42263.660	50607.262	33.316	34.413	23.661
1.024				
1/1/2016 1:45:00 PM	99900.000	67.636	16.369	152.356
42273.855	50618.648	33.324	34.421	23.655
1.024				
1/1/2016 2:00:00 PM	100800.000	67.641	16.369	152.368
42253.461	50594.227	33.306	34.404	23.667
1.024				
1/1/2016 2:15:00 PM	101700.000	67.640	16.369	152.365
42277.859	50623.648	33.328	34.424	23.653
1.024				
1/1/2016 2:30:00 PM	102600.000	67.636	16.368	152.356
42243.273	50583.461	33.298	34.397	23.672
1.024				
1/1/2016 2:45:00 PM	103500.000	67.639	16.368	152.364
42267.832	50612.461	33.319	34.416	23.659
1.024				
1/1/2016 3:00:00 PM	104400.000	67.634	16.368	152.353
42289.695	50638.223	33.338	34.434	23.646
1.024				
1/1/2016 3:15:00 PM	105300.000	67.636	16.368	152.356
42239.535	50578.461	33.294	34.393	23.675
1.024				
1/1/2016 3:30:00 PM	106200.000	67.645	16.368	152.376
42250.012	50591.422	33.304	34.402	23.669
1.024				
1/1/2016 3:45:00 PM	107100.000	67.639	16.368	152.363
42249.602	50590.832	33.303	34.402	23.669
1.024				
1/1/2016 4:00:00 PM	108000.000	67.664	16.368	152.419
42272.578	50618.441	33.324	34.421	23.656
1.024				
1/1/2016 4:15:00 PM	108900.000	67.643	16.368	152.372
42251.656	50592.977	33.305	34.403	23.668
1.024				
1/1/2016 4:30:00 PM	109800.000	67.647	16.368	152.382
42233.535	50571.801	33.289	34.389	23.678
1.024				
1/1/2016 4:45:00 PM	110700.000	67.662	16.368	152.414
42262.211	50606.031	33.315	34.412	23.662
1.024				
1/1/2016 5:00:00 PM	111600.000	67.642	16.368	152.369
42248.383	50589.375	33.302	34.401	23.670
1.024				
1/1/2016 5:15:00 PM	112500.000	67.649	16.367	152.385
42252.555	50594.875	33.306	34.405	23.667
1.024				
1/1/2016 5:30:00 PM	113400.000	67.636	16.368	152.356
42268.816	50613.840	33.320	34.417	23.658
1.024				
1/1/2016 5:45:00 PM	114300.000	67.636	16.368	152.356
42234.855	50572.973	33.290	34.390	23.677

1.024				
1/1/2016 6:00:00 PM	115200.000	67.629	16.368	152.341
42259.313	50602.145	33.312	34.409	23.663
1.024				
1/1/2016 6:15:00 PM	116100.000	67.625	16.368	152.331
42250.863	50592.141	33.304	34.403	23.668
1.024				
1/1/2016 6:30:00 PM	117000.000	67.631	16.368	152.345
42231.836	50569.445	33.288	34.387	23.679
1.024				
1/1/2016 6:45:00 PM	117900.000	67.611	16.367	152.301
42251.992	50594.203	33.306	34.404	23.668
1.024				
1/1/2016 7:00:00 PM	118800.000	67.605	16.367	152.286
42261.855	50606.012	33.315	34.412	23.662
1.024				
1/1/2016 7:15:00 PM	119700.000	67.593	16.368	152.260
42278.980	50625.500	33.329	34.425	23.652
1.024				
1/1/2016 7:30:00 PM	120600.000	67.586	16.367	152.244
42264.965	50610.238	33.318	34.415	23.660
1.024				
1/1/2016 7:45:00 PM	121500.000	67.573	16.368	152.216
42259.246	50601.766	33.312	34.409	23.663
1.024				
1/1/2016 8:00:00 PM	122400.000	67.567	16.368	152.200
42234.020	50571.855	33.289	34.389	23.678
1.024				
1/1/2016 8:15:00 PM	123300.000	67.557	16.368	152.178
42269.641	50614.316	33.321	34.418	23.658
1.024				
1/1/2016 8:30:00 PM	124200.000	67.565	16.368	152.198
42237.629	50575.984	33.293	34.392	23.676
1.024				
1/1/2016 8:45:00 PM	125100.000	67.539	16.368	152.138
42235.266	50573.262	33.291	34.390	23.677
1.024				
1/1/2016 9:00:00 PM	126000.000	67.547	16.369	152.156
42285.047	50632.352	33.334	34.430	23.649
1.024				
1/1/2016 9:15:00 PM	126900.000	67.518	16.369	152.092
42242.410	50581.199	33.296	34.395	23.673
1.024				
1/1/2016 9:30:00 PM	127800.000	67.518	16.368	152.090
42231.707	50569.090	33.287	34.387	23.679
1.024				
1/1/2016 9:45:00 PM	128700.000	67.525	16.369	152.106
42247.793	50586.930	33.301	34.399	23.670
1.024				
1/1/2016 10:00:00 PM	129600.000	67.505	16.369	152.062
42243.492	50582.086	33.297	34.396	23.672
1.024				
1/1/2016 10:15:00 PM	130500.000	67.503	16.369	152.057
42243.293	50581.543	33.297	34.395	23.672
1.024				

1/1/2016 10:30:00 PM 42218.875 1.024	131400.000 50551.703	67.514 33.275	16.370 34.375	152.082 23.686
1/1/2016 10:45:00 PM 42268.051 1.024	132300.000 50610.887	67.496 33.318	16.369 34.415	152.042 23.659
1/1/2016 11:00:00 PM 42257.391 1.024	133200.000 50597.820	67.520 33.309	16.370 34.407	152.096 23.664
1/1/2016 11:15:00 PM 42230.254 1.024	134100.000 50566.035	67.501 33.285	16.369 34.385	152.053 23.680
1/1/2016 11:30:00 PM 42254.941 1.024	135000.000 50594.684	67.496 33.306	16.370 34.404	152.042 23.666
1/1/2016 11:45:00 PM 42234.820 1.024	135900.000 50570.793	67.502 33.289	16.370 34.388	152.054 23.677
1/2/2016 12:00:00 AM 42235.145 1.024	136800.000 50570.664	67.491 33.289	16.370 34.388	152.031 23.677
1/2/2016 12:15:00 AM 42201.391 1.024	137700.000 50530.449	67.504 33.259	16.370 34.361	152.059 23.696
1/2/2016 12:30:00 AM 42291.754 1.024	138600.000 50638.250	67.525 33.338	16.370 34.434	152.106 23.645
1/2/2016 12:45:00 AM 42270.555 1.024	139500.000 50612.969	67.522 33.320	16.370 34.417	152.100 23.657
1/2/2016 1:00:00 AM 42236.188 1.024	140400.000 50571.816	67.524 33.290	16.370 34.389	152.105 23.676
1/2/2016 1:15:00 AM 42271.633 1.024	141300.000 50614.973	67.525 33.321	16.370 34.418	152.106 23.657
1/2/2016 1:30:00 AM 42291.871 1.024	142200.000 50638.992	67.546 33.339	16.370 34.435	152.153 23.645
1/2/2016 1:45:00 AM 42197.617 1.024	143100.000 50525.637	67.549 33.256	16.370 34.357	152.161 23.698
1/2/2016 2:00:00 AM 42254.605 1.024	144000.000 50593.871	67.566 33.306	16.370 34.404	152.199 23.666
1/2/2016 2:15:00 AM 42277.637 1.024	144900.000 50622.258	67.579 33.327	16.370 34.423	152.227 23.653
1/2/2016 2:30:00 AM 42286.363 1.024	145800.000 50632.191	67.587 33.334	16.370 34.430	152.246 23.648
1/2/2016 2:45:00 AM 42306.020 1.024	146700.000 50656.957	67.610 33.352	16.369 34.447	152.297 23.637
1/2/2016 3:00:00 AM	147600.000	67.618	16.369	152.316

42248.332	50587.578	33.301	34.400	23.670
1.024				
1/2/2016 3:15:00 AM	148500.000	67.625	16.369	152.333
42223.781	50558.383	33.280	34.380	23.683
1.024				
1/2/2016 3:30:00 AM	149400.000	67.643	16.369	152.372
42274.148	50619.098	33.324	34.421	23.655
1.024				
1/2/2016 3:45:00 AM	150300.000	67.665	16.369	152.422
42245.270	50583.910	33.298	34.397	23.671
1.024				
1/2/2016 4:00:00 AM	151200.000	67.674	16.367	152.443
42252.570	50594.785	33.306	34.404	23.667
1.024				
1/2/2016 4:15:00 AM	152100.000	67.667	16.368	152.427
42269.816	50614.422	33.321	34.418	23.658
1.024				
1/2/2016 4:30:00 AM	153000.000	67.695	16.367	152.490
42247.488	50588.809	33.302	34.400	23.670
1.024				
1/2/2016 4:45:00 AM	153900.000	67.709	16.367	152.520
42267.695	50613.922	33.320	34.417	23.659
1.024				
1/2/2016 5:00:00 AM	154800.000	67.718	16.367	152.542
42250.113	50592.250	33.304	34.403	23.669
1.024				
1/2/2016 5:15:00 AM	155700.000	67.725	16.367	152.558
42244.441	50585.973	33.300	34.398	23.672
1.024				
1/2/2016 5:30:00 AM	156600.000	67.732	16.367	152.573
42237.125	50577.211	33.293	34.393	23.676
1.024				
1/2/2016 5:45:00 AM	157500.000	67.740	16.366	152.590
42252.918	50596.430	33.307	34.406	23.667
1.024				
1/2/2016 6:00:00 AM	158400.000	67.743	16.366	152.598
42237.953	50579.109	33.295	34.394	23.675
1.024				
1/2/2016 6:15:00 AM	159300.000	67.738	16.365	152.587
42255.500	50601.043	33.311	34.409	23.666
1.024				
1/2/2016 6:30:00 AM	160200.000	67.737	16.365	152.585
42243.699	50586.410	33.300	34.399	23.672
1.024				
1/2/2016 6:45:00 AM	161100.000	67.753	16.366	152.620
42242.039	50584.215	33.298	34.397	23.673
1.024				
1/2/2016 7:00:00 AM	162000.000	67.750	16.365	152.614
42271.453	50620.258	33.325	34.422	23.657
1.024				
1/2/2016 7:15:00 AM	162900.000	67.754	16.365	152.622
42236.738	50578.883	33.294	34.394	23.676
1.024				
1/2/2016 7:30:00 AM	163800.000	67.765	16.364	152.648
42240.070	50583.281	33.298	34.397	23.674

1.024				
1/2/2016 7:45:00 AM	164700.000	67.751	16.364	152.617
42252.094	50597.574	33.308	34.406	23.667
1.024				
1/2/2016 8:00:00 AM	165600.000	67.748	16.364	152.609
42235.320	50577.488	33.293	34.393	23.677
1.024				
1/2/2016 8:15:00 AM	166500.000	67.747	16.364	152.607
42260.105	50607.375	33.315	34.413	23.663
1.024				
1/2/2016 8:30:00 AM	167400.000	67.741	16.364	152.593
42239.949	50583.945	33.298	34.397	23.674
1.024				
1/2/2016 8:45:00 AM	168300.000	67.746	16.364	152.604
42242.613	50586.832	33.300	34.399	23.673
1.024				
1/2/2016 9:00:00 AM	169200.000	67.748	16.364	152.609
42228.688	50569.852	33.288	34.388	23.681
1.024				
1/2/2016 9:15:00 AM	170100.000	67.734	16.364	152.578
42250.004	50595.480	33.307	34.405	23.669
1.024				
1/2/2016 9:30:00 AM	171000.000	67.727	16.364	152.562
42222.426	50562.961	33.283	34.383	23.684
1.024				
1/2/2016 9:45:00 AM	171900.000	67.724	16.364	152.556
42247.336	50592.285	33.304	34.403	23.670
1.024				
1/2/2016 10:00:00 AM	172800.000	67.720	16.364	152.545
42282.219	50634.262	33.335	34.431	23.651
1.024				
1/2/2016 10:15:00 AM	173700.000	67.713	16.364	152.530
42271.563	50622.016	33.326	34.423	23.657
1.024				
1/2/2016 10:30:00 AM	174600.000	67.713	16.364	152.531
42242.105	50586.328	33.300	34.399	23.673
1.024				
1/2/2016 10:45:00 AM	175500.000	67.728	16.364	152.564
42244.297	50588.340	33.301	34.400	23.672
1.024				
1/2/2016 11:00:00 AM	176400.000	67.718	16.364	152.542
42247.094	50592.598	33.304	34.403	23.670
1.024				
1/2/2016 11:15:00 AM	177300.000	67.701	16.364	152.503
42227.840	50569.031	33.287	34.387	23.681
1.024				
1/2/2016 11:30:00 AM	178200.000	67.702	16.363	152.506
42236.793	50580.578	33.296	34.395	23.676
1.024				
1/2/2016 11:45:00 AM	179100.000	67.697	16.364	152.494
42263.316	50611.832	33.319	34.416	23.661
1.024				
1/2/2016 12:00:00 PM	180000.000	67.693	16.365	152.485
42284.367	50636.121	33.337	34.433	23.649
1.024				

1/2/2016 12:15:00 PM 42223.395 1.024	180900.000 50563.207	67.694 33.283	16.364 34.383	152.488 23.684
1/2/2016 12:30:00 PM 42235.730 1.024	181800.000 50577.676	67.708 33.294	16.365 34.393	152.519 23.677
1/2/2016 12:45:00 PM 42268.711 1.024	182700.000 50617.473	67.688 33.323	16.364 34.420	152.474 23.658
1/2/2016 1:00:00 PM 42226.711 1.024	183600.000 50566.980	67.687 33.286	16.365 34.386	152.471 23.682
1/2/2016 1:15:00 PM 42278.688 1.024	184500.000 50629.629	67.684 33.332	16.364 34.428	152.465 23.653
1/2/2016 1:30:00 PM 42205.223 1.024	185400.000 50541.445	67.685 33.267	16.364 34.368	152.467 23.694
1/2/2016 1:45:00 PM 42220.109 1.024	186300.000 50559.078	67.680 33.280	16.365 34.380	152.455 23.685
1/2/2016 2:00:00 PM 42253.449 1.024	187200.000 50599.094	67.676 33.309	16.365 34.407	152.447 23.667
1/2/2016 2:15:00 PM 42209.574 1.024	188100.000 50546.762	67.675 33.271	16.364 34.372	152.446 23.691
1/2/2016 2:30:00 PM 42257.082 1.024	189000.000 50603.445	67.691 33.312	16.365 34.410	152.479 23.665
1/2/2016 2:45:00 PM 42279.496 1.024	189900.000 50630.387	67.672 33.332	16.364 34.429	152.438 23.652
1/2/2016 3:00:00 PM 42223.707 1.024	190800.000 50563.082	67.677 33.283	16.365 34.383	152.449 23.683
1/2/2016 3:15:00 PM 42256.285 1.024	191700.000 50602.398	67.694 33.312	16.365 34.410	152.487 23.665
1/2/2016 3:30:00 PM 42242.332 1.024	192600.000 50585.184	67.681 33.299	16.365 34.398	152.458 23.673
1/2/2016 3:45:00 PM 42221.277 1.024	193500.000 50560.059	67.680 33.281	16.365 34.381	152.456 23.685
1/2/2016 4:00:00 PM 42257.316 1.024	194400.000 50603.934	67.687 33.313	16.364 34.411	152.471 23.665
1/2/2016 4:15:00 PM 42214.832 1.024	195300.000 50552.758	67.694 33.275	16.365 34.376	152.487 23.688
1/2/2016 4:30:00 PM 42234.637 1.024	196200.000 50576.168	67.688 33.292	16.365 34.392	152.474 23.677
1/2/2016 4:45:00 PM	197100.000	67.691	16.365	152.480

42225.020	50565.051	33.284	34.384	23.683
1.024				
1/2/2016 5:00:00 PM	198000.000	67.702	16.364	152.506
42264.707	50613.090	33.320	34.417	23.660
1.024				
1/2/2016 5:15:00 PM	198900.000	67.687	16.364	152.471
42203.926	50539.891	33.266	34.367	23.694
1.024				
1/2/2016 5:30:00 PM	199800.000	67.687	16.364	152.471
42257.324	50603.941	33.313	34.411	23.665
1.024				
1/2/2016 5:45:00 PM	200700.000	67.691	16.363	152.481
42245.840	50591.301	33.303	34.402	23.671
1.024				
1/2/2016 6:00:00 PM	201600.000	67.691	16.364	152.480
42248.109	50593.414	33.305	34.404	23.670
1.024				
1/2/2016 6:15:00 PM	202500.000	67.685	16.364	152.466
42255.449	50601.801	33.311	34.409	23.666
1.024				
1/2/2016 6:30:00 PM	203400.000	67.687	16.365	152.471
42245.121	50588.918	33.302	34.400	23.671
1.024				
1/2/2016 6:45:00 PM	204300.000	67.685	16.364	152.466
42270.117	50619.566	33.324	34.421	23.657
1.024				
1/2/2016 7:00:00 PM	205200.000	67.693	16.365	152.485
42280.887	50631.859	33.333	34.430	23.651
1.024				
1/2/2016 7:15:00 PM	206100.000	67.681	16.364	152.458
42252.793	50599.328	33.309	34.408	23.667
1.024				
1/2/2016 7:30:00 PM	207000.000	67.669	16.364	152.431
42228.441	50569.555	33.288	34.387	23.681
1.024				
1/2/2016 7:45:00 PM	207900.000	67.674	16.364	152.443
42283.586	50635.898	33.336	34.432	23.650
1.024				
1/2/2016 8:00:00 PM	208800.000	67.658	16.364	152.406
42277.707	50628.859	33.331	34.428	23.653
1.024				
1/2/2016 8:15:00 PM	209700.000	67.654	16.363	152.397
42252.762	50599.590	33.310	34.408	23.667
1.024				
1/2/2016 8:30:00 PM	210600.000	67.640	16.364	152.366
42253.219	50599.332	33.309	34.408	23.667
1.024				
1/2/2016 8:45:00 PM	211500.000	67.632	16.364	152.348
42240.000	50583.504	33.298	34.397	23.674
1.024				
1/2/2016 9:00:00 PM	212400.000	67.633	16.364	152.351
42246.359	50591.207	33.303	34.402	23.671
1.024				
1/2/2016 9:15:00 PM	213300.000	67.625	16.364	152.331
42261.574	50609.031	33.317	34.414	23.662

1.024				
1/2/2016 9:30:00 PM	214200.000	67.615	16.365	152.310
42243.078	50586.582	33.300	34.399	23.673
1.024				
1/2/2016 9:45:00 PM	215100.000	67.630	16.364	152.343
42268.125	50616.980	33.322	34.420	23.658
1.024				
1/2/2016 10:00:00 PM	216000.000	67.615	16.364	152.309
42227.574	50568.711	33.287	34.387	23.681
1.024				
1/2/2016 10:15:00 PM	216900.000	67.606	16.365	152.288
42241.398	50584.664	33.299	34.398	23.673
1.024				
1/2/2016 10:30:00 PM	217800.000	67.604	16.365	152.284
42212.102	50549.285	33.273	34.374	23.690
1.024				
1/2/2016 10:45:00 PM	218700.000	67.608	16.365	152.294
42232.832	50574.109	33.291	34.390	23.678
1.024				
1/2/2016 11:00:00 PM	219600.000	67.600	16.365	152.276
42261.918	50608.941	33.317	34.414	23.662
1.024				
1/2/2016 11:15:00 PM	220500.000	67.590	16.364	152.252
42247.410	50592.070	33.304	34.403	23.670
1.024				
1/2/2016 11:30:00 PM	221400.000	67.585	16.365	152.241
42234.398	50575.883	33.292	34.392	23.677
1.024				
1/2/2016 11:45:00 PM	222300.000	67.594	16.365	152.261
42276.188	50626.027	33.329	34.426	23.654
1.024				
1/3/2016 12:00:00 AM	223200.000	67.600	16.365	152.276
42227.039	50566.551	33.285	34.385	23.682
1.024				
1/3/2016 12:15:00 AM	224100.000	67.599	16.366	152.273
42279.125	50628.625	33.331	34.427	23.652
1.024				
1/3/2016 12:30:00 AM	225000.000	67.594	16.365	152.262
42246.664	50590.672	33.303	34.402	23.671
1.024				
1/3/2016 12:45:00 AM	225900.000	67.599	16.365	152.273
42228.344	50568.734	33.287	34.387	23.681
1.024				
1/3/2016 1:00:00 AM	226800.000	67.605	16.365	152.286
42248.410	50592.250	33.304	34.403	23.670
1.024				
1/3/2016 1:15:00 AM	227700.000	67.604	16.365	152.284
42248.496	50592.152	33.304	34.403	23.669
1.024				
1/3/2016 1:30:00 AM	228600.000	67.621	16.365	152.324
42281.496	50631.965	33.334	34.430	23.651
1.024				
1/3/2016 1:45:00 AM	229500.000	67.628	16.365	152.340
42232.895	50574.082	33.291	34.390	23.678
1.024				

1/3/2016 2:00:00 AM 42275.285 1.024	230400.000 50624.734	67.626 33.328	16.365 34.425	152.334 23.654
1/3/2016 2:15:00 AM 42264.406 1.024	231300.000 50611.500	67.630 33.318	16.365 34.416	152.344 23.661
1/3/2016 2:30:00 AM 42266.754 1.024	232200.000 50615.234	67.644 33.321	16.364 34.418	152.374 23.659
1/3/2016 2:45:00 AM 42274.512 1.024	233100.000 50623.922	67.650 33.328	16.365 34.424	152.389 23.655
1/3/2016 3:00:00 AM 42254.199 1.024	234000.000 50600.305	67.672 33.310	16.364 34.408	152.437 23.666
1/3/2016 3:15:00 AM 42282.480 1.024	234900.000 50634.270	67.679 33.335	16.364 34.431	152.453 23.650
1/3/2016 3:30:00 AM 42260.031 1.024	235800.000 50606.680	67.694 33.315	16.365 34.413	152.488 23.663
1/3/2016 3:45:00 AM 42263.285 1.024	236700.000 50611.988	67.705 33.319	16.364 34.416	152.513 23.661
1/3/2016 4:00:00 AM 42226.770 1.024	237600.000 50568.164	67.720 33.286	16.364 34.386	152.547 23.682
1/3/2016 4:15:00 AM 42248.383 1.024	238500.000 50594.652	67.738 33.306	16.363 34.404	152.587 23.670
1/3/2016 4:30:00 AM 42249.715 1.024	239400.000 50595.941	67.755 33.307	16.363 34.405	152.625 23.669
1/3/2016 4:45:00 AM 42275.563 1.024	240300.000 50627.609	67.770 33.330	16.363 34.427	152.657 23.654
1/3/2016 5:00:00 AM 42273.238 1.024	241200.000 50625.543	67.781 33.329	16.362 34.425	152.684 23.656
1/3/2016 5:15:00 AM 42237.844 1.024	242100.000 50582.344	67.791 33.297	16.363 34.396	152.705 23.675
1/3/2016 5:30:00 AM 42271.543 1.024	243000.000 50624.027	67.800 33.327	16.362 34.424	152.727 23.657
1/3/2016 5:45:00 AM 42261.996 1.024	243900.000 50612.898	67.817 33.319	16.361 34.417	152.764 23.662
1/3/2016 6:00:00 AM 42253.586 1.024	244800.000 50603.426	67.817 33.312	16.361 34.410	152.764 23.667
1/3/2016 6:15:00 AM 42262.934 1.024	245700.000 50615.145	67.834 33.321	16.361 34.418	152.802 23.661
1/3/2016 6:30:00 AM	246600.000	67.848	16.360	152.834

42259.996	50612.023	33.318	34.416	23.663
1.024				
1/3/2016 6:45:00 AM	247500.000	67.844	16.360	152.826
42235.668	50583.000	33.297	34.396	23.677
1.024				
1/3/2016 7:00:00 AM	248400.000	67.852	16.360	152.844
42219.676	50564.348	33.283	34.384	23.686
1.024				
1/3/2016 7:15:00 AM	249300.000	67.853	16.360	152.846
42233.188	50580.227	33.295	34.395	23.678
1.024				
1/3/2016 7:30:00 AM	250200.000	67.843	16.359	152.823
42269.715	50624.484	33.328	34.425	23.658
1.024				
1/3/2016 7:45:00 AM	251100.000	67.876	16.359	152.898
42212.578	50556.461	33.278	34.378	23.690
1.024				
1/3/2016 8:00:00 AM	252000.000	67.864	16.359	152.870
42235.676	50584.223	33.298	34.397	23.677
1.024				
1/3/2016 8:15:00 AM	252900.000	67.868	16.359	152.880
42224.762	50571.449	33.289	34.389	23.683
1.024				
1/3/2016 8:30:00 AM	253800.000	67.861	16.358	152.864
42242.746	50593.500	33.305	34.404	23.673
1.024				
1/3/2016 8:45:00 AM	254700.000	67.856	16.359	152.853
42278.402	50635.691	33.336	34.432	23.653
1.024				
1/3/2016 9:00:00 AM	255600.000	67.867	16.358	152.876
42233.625	50583.496	33.297	34.397	23.678
1.024				
1/3/2016 9:15:00 AM	256500.000	67.863	16.358	152.868
42297.750	50659.785	33.353	34.449	23.642
1.024				
1/3/2016 9:30:00 AM	257400.000	67.872	16.357	152.888
42255.535	50610.039	33.317	34.415	23.666
1.024				
1/3/2016 9:45:00 AM	258300.000	67.841	16.357	152.819
42232.191	50582.582	33.297	34.396	23.679
1.024				
1/3/2016 10:00:00 AM	259200.000	67.812	16.358	152.753
42241.703	50592.660	33.304	34.403	23.673
1.024				
1/3/2016 10:15:00 AM	260100.000	67.812	16.357	152.753
42239.723	50591.004	33.303	34.402	23.674
1.024				
1/3/2016 10:30:00 AM	261000.000	67.807	16.357	152.743
42256.910	50611.789	33.318	34.416	23.665
1.024				
1/3/2016 10:45:00 AM	261900.000	67.794	16.357	152.712
42265.402	50622.359	33.326	34.423	23.660
1.024				
1/3/2016 11:00:00 AM	262800.000	67.794	16.357	152.712
42223.656	50571.758	33.289	34.389	23.683

1.024				
1/3/2016 11:15:00 AM	263700.000	67.784	16.358	152.691
42230.395	50579.316	33.294	34.394	23.680
1.024				
1/3/2016 11:30:00 AM	264600.000	67.782	16.357	152.687
42272.641	50630.734	33.332	34.429	23.656
1.024				
1/3/2016 11:45:00 AM	265500.000	67.777	16.358	152.673
42281.012	50639.137	33.338	34.435	23.651
1.024				
1/3/2016 12:00:00 PM	266400.000	67.771	16.358	152.662
42252.535	50605.836	33.314	34.412	23.667
1.024				
1/3/2016 12:15:00 PM	267300.000	67.771	16.358	152.660
42240.457	50591.371	33.303	34.402	23.674
1.024				
1/3/2016 12:30:00 PM	268200.000	67.765	16.358	152.648
42261.027	50615.199	33.321	34.418	23.662
1.024				
1/3/2016 12:45:00 PM	269100.000	67.758	16.358	152.630
42262.406	50617.656	33.322	34.420	23.662
1.024				
1/3/2016 1:00:00 PM	270000.000	67.752	16.358	152.619
42280.105	50638.770	33.338	34.434	23.652
1.024				
1/3/2016 1:15:00 PM	270900.000	67.749	16.358	152.612
42242.297	50593.676	33.305	34.404	23.673
1.024				
1/3/2016 1:30:00 PM	271800.000	67.743	16.358	152.597
42256.043	50609.535	33.317	34.414	23.665
1.024				
1/3/2016 1:45:00 PM	272700.000	67.746	16.358	152.604
42282.906	50641.406	33.340	34.436	23.650
1.024				
1/3/2016 2:00:00 PM	273600.000	67.739	16.358	152.590
42255.484	50608.652	33.316	34.414	23.666
1.024				
1/3/2016 2:15:00 PM	274500.000	67.733	16.359	152.575
42244.039	50594.742	33.306	34.404	23.672
1.024				
1/3/2016 2:30:00 PM	275400.000	67.736	16.359	152.582
42246.277	50596.727	33.307	34.406	23.671
1.024				
1/3/2016 2:45:00 PM	276300.000	67.724	16.359	152.556
42255.172	50607.871	33.315	34.413	23.666
1.024				
1/3/2016 3:00:00 PM	277200.000	67.725	16.359	152.557
42259.512	50612.973	33.319	34.417	23.663
1.024				
1/3/2016 3:15:00 PM	278100.000	67.718	16.359	152.541
42240.504	50590.109	33.302	34.401	23.674
1.024				
1/3/2016 3:30:00 PM	279000.000	67.739	16.359	152.588
42268.738	50623.820	33.327	34.424	23.658
1.024				

1/3/2016 3:45:00 PM 42276.313 1.024	279900.000 50632.996	67.735 33.334	16.359 34.430	152.579 23.654
1/3/2016 4:00:00 PM 42228.691 1.024	280800.000 50576.270	67.751 33.292	16.359 34.392	152.615 23.681
1/3/2016 4:15:00 PM 42239.129 1.024	281700.000 50588.973	67.732 33.301	16.358 34.401	152.573 23.675
1/3/2016 4:30:00 PM 42269.328 1.024	282600.000 50624.730	67.732 33.328	16.359 34.425	152.573 23.658
1/3/2016 4:45:00 PM 42242.566 1.024	283500.000 50593.180	67.767 33.305	16.358 34.403	152.651 23.673
1/3/2016 5:00:00 PM 42250.770 1.024	284400.000 50602.199	67.771 33.311	16.359 34.409	152.660 23.668
1/3/2016 5:15:00 PM 42272.879 1.024	285300.000 50628.781	67.749 33.331	16.359 34.428	152.611 23.656
1/3/2016 5:30:00 PM 42208.707 1.024	286200.000 50552.840	67.746 33.275	16.358 34.376	152.604 23.692
1/3/2016 5:45:00 PM 42248.238 1.024	287100.000 50600.391	67.762 33.310	16.358 34.408	152.640 23.670
1/3/2016 6:00:00 PM 42239.621 1.024	288000.000 50590.473	67.767 33.302	16.358 34.402	152.651 23.674
1/3/2016 6:15:00 PM 42237.133 1.024	288900.000 50586.777	67.767 33.300	16.358 34.399	152.651 23.676
1/3/2016 6:30:00 PM 42274.703 1.024	289800.000 50631.980	67.768 33.333	16.358 34.430	152.655 23.655
1/3/2016 6:45:00 PM 42215.480 1.024	290700.000 50561.051	67.774 33.281	16.358 34.382	152.667 23.688
1/3/2016 7:00:00 PM 42243.391 1.024	291600.000 50594.168	67.767 33.305	16.358 34.404	152.651 23.672
1/3/2016 7:15:00 PM 42222.813 1.024	292500.000 50569.523	67.797 33.287	16.358 34.387	152.718 23.684
1/3/2016 7:30:00 PM 42248.785 1.024	293400.000 50601.539	67.783 33.311	16.358 34.409	152.687 23.669
1/3/2016 7:45:00 PM 42216.934 1.024	294300.000 50563.910	67.787 33.283	16.357 34.383	152.697 23.687
1/3/2016 8:00:00 PM 42209.203 1.024	295200.000 50553.852	67.781 33.276	16.358 34.377	152.683 23.692
1/3/2016 8:15:00 PM	296100.000	67.784	16.357	152.691

42242.781	50594.762	33.306	34.404	23.673
1.024				
1/3/2016 8:30:00 PM	297000.000	67.778	16.357	152.676
42234.773	50585.383	33.299	34.398	23.677
1.024				
1/3/2016 8:45:00 PM	297900.000	67.784	16.357	152.690
42285.613	50645.965	33.343	34.439	23.649
1.024				
1/3/2016 9:00:00 PM	298800.000	67.779	16.357	152.679
42262.762	50619.195	33.324	34.421	23.661
1.024				
1/3/2016 9:15:00 PM	299700.000	67.772	16.358	152.662
42235.285	50585.484	33.299	34.398	23.677
1.024				
1/3/2016 9:30:00 PM	300600.000	67.764	16.358	152.645
42252.246	50605.594	33.314	34.412	23.667
1.024				
1/3/2016 9:45:00 PM	301500.000	67.762	16.357	152.640
42249.043	50602.766	33.311	34.410	23.669
1.024				
1/3/2016 10:00:00 PM	302400.000	67.754	16.357	152.622
42288.637	50649.895	33.346	34.442	23.647
1.024				
1/3/2016 10:15:00 PM	303300.000	67.753	16.358	152.620
42262.629	50618.234	33.323	34.420	23.662
1.024				
1/3/2016 10:30:00 PM	304200.000	67.750	16.358	152.614
42259.145	50614.063	33.320	34.418	23.664
1.024				
1/3/2016 10:45:00 PM	305100.000	67.743	16.358	152.597
42217.320	50563.969	33.283	34.384	23.687
1.024				
1/3/2016 11:00:00 PM	306000.000	67.731	16.357	152.570
42248.434	50601.637	33.311	34.409	23.670
1.024				
1/3/2016 11:15:00 PM	306900.000	67.725	16.358	152.558
42238.020	50588.148	33.301	34.400	23.675
1.024				
1/3/2016 11:30:00 PM	307800.000	67.724	16.358	152.554
42222.727	50570.328	33.288	34.388	23.684
1.024				
1/3/2016 11:45:00 PM	308700.000	67.723	16.358	152.552
42247.273	50598.816	33.309	34.407	23.670
1.024				
1/4/2016 12:00:00 AM	309600.000	67.715	16.359	152.536
42207.082	50550.480	33.273	34.374	23.693
1.024				
1/4/2016 12:15:00 AM	310500.000	67.717	16.358	152.539
42217.883	50563.527	33.283	34.383	23.687
1.024				
1/4/2016 12:30:00 AM	311400.000	67.715	16.359	152.535
42239.664	50589.504	33.302	34.401	23.674
1.024				
1/4/2016 12:45:00 AM	312300.000	67.728	16.358	152.564
42213.504	50558.477	33.279	34.380	23.689

1.024				
1/4/2016 1:00:00 AM	313200.000	67.715	16.358	152.536
42234.586	50584.137	33.298	34.397	23.677
1.024				
1/4/2016 1:15:00 AM	314100.000	67.725	16.358	152.557
42248.520	50600.824	33.310	34.409	23.669
1.024				
1/4/2016 1:30:00 AM	315000.000	67.720	16.359	152.545
42253.316	50605.852	33.314	34.412	23.667
1.024				
1/4/2016 1:45:00 AM	315900.000	67.723	16.358	152.552
42249.309	50601.672	33.311	34.409	23.669
1.024				
1/4/2016 2:00:00 AM	316800.000	67.741	16.358	152.593
42229.914	50578.539	33.294	34.393	23.680
1.024				
1/4/2016 2:15:00 AM	317700.000	67.741	16.358	152.593
42218.313	50564.238	33.283	34.384	23.686
1.024				
1/4/2016 2:30:00 AM	318600.000	67.755	16.358	152.625
42223.234	50570.238	33.288	34.388	23.684
1.024				
1/4/2016 2:45:00 AM	319500.000	67.769	16.358	152.656
42239.566	50590.215	33.302	34.401	23.674
1.024				
1/4/2016 3:00:00 AM	320400.000	67.782	16.357	152.687
42257.633	50612.453	33.319	34.416	23.664
1.024				
1/4/2016 3:15:00 AM	321300.000	67.804	16.357	152.736
42199.531	50542.762	33.267	34.369	23.697
1.024				
1/4/2016 3:30:00 AM	322200.000	67.812	16.357	152.753
42237.418	50588.551	33.301	34.400	23.676
1.024				
1/4/2016 3:45:00 AM	323100.000	67.825	16.357	152.783
42237.461	50588.602	33.301	34.400	23.676
1.024				
1/4/2016 4:00:00 AM	324000.000	67.836	16.357	152.808
42219.266	50567.102	33.285	34.386	23.686
1.024				
1/4/2016 4:15:00 AM	324900.000	67.864	16.356	152.871
42248.066	50602.109	33.311	34.409	23.670
1.024				
1/4/2016 4:30:00 AM	325800.000	67.872	16.356	152.889
42225.906	50575.770	33.292	34.392	23.682
1.024				
1/4/2016 4:45:00 AM	326700.000	67.885	16.356	152.917
42246.352	50600.461	33.310	34.408	23.671
1.024				
1/4/2016 5:00:00 AM	327600.000	67.896	16.356	152.942
42227.098	50577.910	33.293	34.393	23.681
1.024				
1/4/2016 5:15:00 AM	328500.000	67.919	16.355	152.995
42278.176	50639.910	33.339	34.435	23.653
1.024				

1/4/2016 5:30:00 AM 42254.367 1.024	329400.000 50612.199	67.932 33.318	16.354 34.416	153.023 23.666
1/4/2016 5:45:00 AM 42293.348 1.024	330300.000 50657.875	67.941 33.352	16.355 34.447	153.044 23.644
1/4/2016 6:00:00 AM 42235.844 1.024	331200.000 50590.320	67.953 33.302	16.354 34.401	153.070 23.677
1/4/2016 6:15:00 AM 42213.598 1.024	332100.000 50564.281	67.960 33.283	16.353 34.384	153.085 23.689
1/4/2016 6:30:00 AM 42281.188 1.024	333000.000 50645.352	67.972 33.343	16.353 34.439	153.114 23.651
1/4/2016 6:45:00 AM 42193.977 1.024	333900.000 50541.090	68.005 33.266	16.353 34.368	153.187 23.700
1/4/2016 7:00:00 AM 42249.117 1.024	334800.000 50607.652	67.978 33.315	16.353 34.413	153.128 23.669
1/4/2016 7:15:00 AM 42230.715 1.024	335700.000 50586.723	68.011 33.299	16.352 34.399	153.201 23.679
1/4/2016 7:30:00 AM 42261.289 1.024	336600.000 50623.965	67.999 33.327	16.351 34.424	153.174 23.662
1/4/2016 7:45:00 AM 42260.395 1.024	337500.000 50623.191	67.997 33.326	16.351 34.424	153.171 23.663
1/4/2016 8:00:00 AM 42217.684 1.024	338400.000 50572.125	68.022 33.288	16.351 34.389	153.226 23.687
1/4/2016 8:15:00 AM 42247.129 1.024	339300.000 50607.398	68.016 33.314	16.351 34.413	153.212 23.670
1/4/2016 8:30:00 AM 42248.797 1.024	340200.000 50610.410	68.026 33.317	16.350 34.415	153.235 23.669
1/4/2016 8:45:00 AM 42272.238 1.024	341100.000 50638.289	68.034 33.337	16.350 34.434	153.252 23.656
1/4/2016 9:00:00 AM 42276.910 1.024	342000.000 50643.992	68.032 33.341	16.350 34.438	153.248 23.654
1/4/2016 9:15:00 AM 42237.258 1.024	342900.000 50597.613	68.024 33.307	16.349 34.406	153.231 23.676
1/4/2016 9:30:00 AM 42230.781 1.024	343800.000 50589.246	68.018 33.301	16.350 34.401	153.218 23.679
1/4/2016 9:45:00 AM 42265.988 1.024	344700.000 50631.926	68.019 33.332	16.349 34.430	153.220 23.660
1/4/2016 10:00:00 AM	345600.000	68.014	16.349	153.208

42248.688	50611.508	33.317	34.416	23.669
1.024				
1/4/2016 10:15:00 AM	346500.000	68.012	16.349	153.203
42278.336	50646.715	33.343	34.440	23.653
1.024				
1/4/2016 10:30:00 AM	347400.000	68.004	16.348	153.187
42236.566	50597.703	33.307	34.406	23.676
1.024				
1/4/2016 10:45:00 AM	348300.000	67.993	16.349	153.160
42222.859	50580.656	33.295	34.395	23.684
1.024				
1/4/2016 11:00:00 AM	349200.000	67.987	16.349	153.147
42280.891	50650.176	33.346	34.442	23.651
1.024				
1/4/2016 11:15:00 AM	350100.000	68.001	16.348	153.178
42243.250	50606.020	33.313	34.412	23.672
1.024				
1/4/2016 11:30:00 AM	351000.000	67.985	16.349	153.144
42267.699	50634.586	33.334	34.432	23.659
1.024				
1/4/2016 11:45:00 AM	351900.000	67.955	16.349	153.076
42203.066	50557.059	33.277	34.379	23.695
1.024				
1/4/2016 12:00:00 PM	352800.000	67.955	16.349	153.075
42238.484	50599.684	33.309	34.408	23.675
1.024				
1/4/2016 12:15:00 PM	353700.000	67.958	16.348	153.082
42254.254	50618.895	33.323	34.421	23.666
1.024				
1/4/2016 12:30:00 PM	354600.000	67.931	16.349	153.021
42223.559	50581.406	33.295	34.395	23.683
1.024				
1/4/2016 12:45:00 PM	355500.000	67.922	16.349	153.002
42231.844	50591.535	33.303	34.402	23.679
1.024				
1/4/2016 1:00:00 PM	356400.000	67.920	16.348	152.997
42233.449	50593.855	33.304	34.404	23.678
1.024				
1/4/2016 1:15:00 PM	357300.000	67.922	16.349	153.001
42192.434	50543.512	33.267	34.370	23.701
1.024				
1/4/2016 1:30:00 PM	358200.000	67.902	16.349	152.957
42235.738	50595.484	33.306	34.405	23.677
1.024				
1/4/2016 1:45:00 PM	359100.000	67.904	16.349	152.961
42246.387	50608.441	33.315	34.414	23.671
1.024				
1/4/2016 2:00:00 PM	360000.000	67.895	16.350	152.939
42248.578	50610.051	33.316	34.415	23.669
1.024				
1/4/2016 2:15:00 PM	360900.000	67.896	16.351	152.942
42244.668	50604.750	33.312	34.411	23.672
1.024				
1/4/2016 2:30:00 PM	361800.000	67.897	16.350	152.946
42242.723	50603.441	33.311	34.410	23.673

1.024				
1/4/2016 2:45:00 PM	362700.000	67.876	16.350	152.897
42224.676	50581.418	33.295	34.395	23.683
1.024				
1/4/2016 3:00:00 PM	363600.000	67.873	16.351	152.889
42266.895	50631.492	33.332	34.429	23.659
1.024				
1/4/2016 3:15:00 PM	364500.000	67.874	16.350	152.894
42259.313	50623.211	33.326	34.424	23.663
1.024				
1/4/2016 3:30:00 PM	365400.000	67.885	16.350	152.917
42227.215	50584.461	33.297	34.397	23.681
1.024				
1/4/2016 3:45:00 PM	366300.000	67.875	16.351	152.896
42239.613	50598.297	33.308	34.407	23.674
1.024				
1/4/2016 4:00:00 PM	367200.000	67.891	16.351	152.930
42257.379	50619.578	33.323	34.421	23.665
1.024				
1/4/2016 4:15:00 PM	368100.000	67.873	16.351	152.892
42263.480	50626.590	33.329	34.426	23.661
1.024				
1/4/2016 4:30:00 PM	369000.000	67.877	16.350	152.900
42270.043	50635.766	33.335	34.432	23.657
1.024				
1/4/2016 4:45:00 PM	369900.000	67.900	16.350	152.951
42192.023	50541.902	33.266	34.368	23.701
1.024				
1/4/2016 5:00:00 PM	370800.000	67.895	16.351	152.941
42231.867	50589.324	33.301	34.401	23.679
1.024				
1/4/2016 5:15:00 PM	371700.000	67.889	16.350	152.927
42237.930	50597.508	33.307	34.406	23.675
1.024				
1/4/2016 5:30:00 PM	372600.000	67.914	16.351	152.983
42254.109	50615.559	33.320	34.419	23.666
1.024				
1/4/2016 5:45:00 PM	373500.000	67.907	16.351	152.966
42238.199	50597.117	33.307	34.406	23.675
1.024				
1/4/2016 6:00:00 PM	374400.000	67.907	16.350	152.968
42251.523	50613.793	33.319	34.417	23.668
1.024				
1/4/2016 6:15:00 PM	375300.000	67.917	16.350	152.991
42246.828	50608.055	33.315	34.413	23.670
1.024				
1/4/2016 6:30:00 PM	376200.000	67.921	16.350	153.000
42255.020	50617.664	33.322	34.420	23.666
1.024				
1/4/2016 6:45:00 PM	377100.000	67.932	16.350	153.023
42280.168	50647.488	33.344	34.440	23.652
1.024				
1/4/2016 7:00:00 PM	378000.000	67.926	16.351	153.010
42251.586	50613.152	33.319	34.417	23.668
1.024				

1/4/2016 7:15:00 PM 42228.027 1.024	378900.000 50584.727	67.952 33.298	16.351 34.398	153.068 23.681
1/4/2016 7:30:00 PM 42250.402 1.024	379800.000 50612.449	67.947 33.318	16.350 34.416	153.057 23.668
1/4/2016 7:45:00 PM 42198.387 1.024	380700.000 50550.441	67.946 33.272	16.350 34.374	153.055 23.698
1/4/2016 8:00:00 PM 42276.266 1.024	381600.000 50643.219	67.960 33.341	16.350 34.437	153.085 23.654
1/4/2016 8:15:00 PM 42282.496 1.024	382500.000 50652.098	67.957 33.347	16.349 34.443	153.080 23.650
1/4/2016 8:30:00 PM 42234.746 1.024	383400.000 50594.395	67.955 33.305	16.349 34.404	153.075 23.677
1/4/2016 8:45:00 PM 42245.910 1.024	384300.000 50608.066	67.965 33.315	16.349 34.413	153.098 23.671
1/4/2016 9:00:00 PM 42282.285 1.024	385200.000 50651.844	67.960 33.347	16.349 34.443	153.085 23.651
1/4/2016 9:15:00 PM 42246.551 1.024	386100.000 50608.949	67.972 33.315	16.349 34.414	153.114 23.671
1/4/2016 9:30:00 PM 42270.176 1.024	387000.000 50637.250	67.963 33.336	16.349 34.433	153.092 23.657
1/4/2016 9:45:00 PM 42242.203 1.024	387900.000 50603.430	67.961 33.311	16.349 34.410	153.088 23.673
1/4/2016 10:00:00 PM 42268.410 1.024	388800.000 50636.566	67.961 33.336	16.348 34.433	153.088 23.658
1/4/2016 10:15:00 PM 42271.922 1.024	389700.000 50639.941	67.961 33.338	16.348 34.435	153.088 23.656
1/4/2016 10:30:00 PM 42262.102 1.024	390600.000 50628.293	67.952 33.330	16.348 34.427	153.068 23.662
1/4/2016 10:45:00 PM 42236.492 1.024	391500.000 50597.102	67.951 33.307	16.349 34.406	153.066 23.676
1/4/2016 11:00:00 PM 42268.770 1.024	392400.000 50636.680	67.943 33.336	16.348 34.433	153.048 23.658
1/4/2016 11:15:00 PM 42250.371 1.024	393300.000 50614.445	67.948 33.319	16.348 34.418	153.061 23.668
1/4/2016 11:30:00 PM 42256.598 1.024	394200.000 50621.188	67.936 33.324	16.349 34.422	153.032 23.665
1/4/2016 11:45:00 PM	395100.000	67.934	16.348	153.029

42256.863	50622.223	33.325	34.423	23.665
1.024				
1/5/2016 12:00:00 AM	396000.000	67.945	16.349	153.053
42230.328	50589.816	33.301	34.401	23.680
1.024				
1/5/2016 12:15:00 AM	396900.000	67.932	16.349	153.023
42254.035	50618.215	33.322	34.420	23.666
1.024				
1/5/2016 12:30:00 AM	397800.000	67.936	16.349	153.032
42187.199	50538.246	33.263	34.366	23.704
1.024				
1/5/2016 12:45:00 AM	398700.000	67.928	16.349	153.014
42274.855	50642.855	33.340	34.437	23.655
1.024				
1/5/2016 1:00:00 AM	399600.000	67.927	16.349	153.012
42253.980	50617.938	33.322	34.420	23.666
1.024				
1/5/2016 1:15:00 AM	400500.000	67.922	16.349	153.001
42264.652	50630.324	33.331	34.429	23.660
1.024				
1/5/2016 1:30:00 AM	401400.000	67.922	16.348	153.002
42211.891	50568.348	33.286	34.386	23.690
1.024				
1/5/2016 1:45:00 AM	402300.000	67.926	16.348	153.009
42238.516	50599.926	33.309	34.408	23.675
1.024				
1/5/2016 2:00:00 AM	403200.000	67.930	16.348	153.019
42244.297	50607.063	33.314	34.413	23.672
1.024				
1/5/2016 2:15:00 AM	404100.000	67.941	16.349	153.045
42266.766	50633.563	33.333	34.431	23.659
1.024				
1/5/2016 2:30:00 AM	405000.000	67.980	16.349	153.132
42271.750	50639.020	33.338	34.435	23.656
1.024				
1/5/2016 2:45:00 AM	405900.000	67.969	16.348	153.107
42262.039	50628.316	33.330	34.427	23.662
1.024				
1/5/2016 3:00:00 AM	406800.000	67.974	16.348	153.118
42238.840	50600.527	33.309	34.408	23.675
1.024				
1/5/2016 3:15:00 AM	407700.000	67.975	16.348	153.120
42244.355	50607.238	33.314	34.413	23.672
1.024				
1/5/2016 3:30:00 AM	408600.000	67.987	16.348	153.148
42216.410	50573.957	33.290	34.390	23.687
1.024				
1/5/2016 3:45:00 AM	409500.000	68.012	16.348	153.203
42288.750	50660.219	33.353	34.449	23.647
1.024				
1/5/2016 4:00:00 AM	410400.000	68.012	16.347	153.203
42225.910	50586.359	33.299	34.399	23.682
1.024				
1/5/2016 4:15:00 AM	411300.000	68.037	16.348	153.260
42228.316	50588.336	33.300	34.400	23.681

1.024				
1/5/2016 4:30:00 AM	412200.000	68.055	16.347	153.300
42256.699	50623.242	33.326	34.424	23.665
1.024				
1/5/2016 4:45:00 AM	413100.000	68.064	16.346	153.321
42187.930	50541.980	33.266	34.369	23.703
1.024				
1/5/2016 5:00:00 AM	414000.000	68.072	16.346	153.339
42230.926	50593.797	33.304	34.404	23.679
1.024				
1/5/2016 5:15:00 AM	414900.000	68.089	16.345	153.377
42225.480	50587.879	33.300	34.400	23.682
1.024				
1/5/2016 5:30:00 AM	415800.000	68.103	16.346	153.408
42227.121	50589.129	33.301	34.401	23.681
1.024				
1/5/2016 5:45:00 AM	416700.000	68.126	16.345	153.460
42268.988	50640.816	33.339	34.436	23.658
1.024				
1/5/2016 6:00:00 AM	417600.000	68.153	16.344	153.521
42262.102	50633.184	33.333	34.431	23.662
1.024				
1/5/2016 6:15:00 AM	418500.000	68.152	16.345	153.520
42272.473	50645.094	33.342	34.439	23.656
1.024				
1/5/2016 6:30:00 AM	419400.000	68.164	16.344	153.546
42289.395	50666.395	33.357	34.453	23.647
1.024				
1/5/2016 6:45:00 AM	420300.000	68.178	16.343	153.579
42257.969	50629.750	33.330	34.428	23.664
1.024				
1/5/2016 7:00:00 AM	421200.000	68.193	16.343	153.611
42263.828	50636.965	33.336	34.433	23.661
1.024				
1/5/2016 7:15:00 AM	422100.000	68.204	16.343	153.636
42231.043	50597.289	33.306	34.406	23.679
1.024				
1/5/2016 7:30:00 AM	423000.000	68.236	16.342	153.708
42254.980	50627.504	33.329	34.427	23.666
1.024				
1/5/2016 7:45:00 AM	423900.000	68.235	16.341	153.706
42211.039	50575.063	33.290	34.391	23.690
1.024				
1/5/2016 8:00:00 AM	424800.000	68.246	16.341	153.731
42269.098	50645.133	33.341	34.439	23.658
1.024				
1/5/2016 8:15:00 AM	425700.000	68.255	16.340	153.751
42229.074	50598.902	33.307	34.407	23.680
1.024				
1/5/2016 8:30:00 AM	426600.000	68.263	16.339	153.770
42220.199	50588.684	33.300	34.400	23.685
1.024				
1/5/2016 8:45:00 AM	427500.000	68.287	16.338	153.823
42237.711	50610.473	33.316	34.415	23.676
1.024				

1/5/2016 9:00:00 AM 42250.320 1.024	428400.000 50626.199	68.281 33.327	16.338 34.426	153.809 23.668
1/5/2016 9:15:00 AM 42183.504 1.024	429300.000 50546.836	68.299 33.269	16.337 34.372	153.851 23.706
1/5/2016 9:30:00 AM 42249.125 1.024	430200.000 50625.773	68.283 33.327	16.337 34.426	153.815 23.669
1/5/2016 9:45:00 AM 42264.824 1.024	431100.000 50644.793	68.269 33.341	16.337 34.438	153.783 23.660
1/5/2016 10:00:00 AM 42273.793 1.024	432000.000 50655.332	68.277 33.349	16.337 34.446	153.801 23.655
1/5/2016 10:15:00 AM 42245.484 1.024	432900.000 50621.926	68.281 33.324	16.337 34.423	153.809 23.671
1/5/2016 10:30:00 AM 42181.160 1.024	433800.000 50545.852	68.262 33.268	16.336 34.371	153.768 23.707
1/5/2016 10:45:00 AM 42225.648 1.024	434700.000 50598.871	68.257 33.307	16.336 34.407	153.756 23.682
1/5/2016 11:00:00 AM 42222.965 1.024	435600.000 50596.063	68.259 33.305	16.336 34.405	153.760 23.684
1/5/2016 11:15:00 AM 42241.176 1.024	436500.000 50617.887	68.231 33.321	16.336 34.420	153.696 23.674
1/5/2016 11:30:00 AM 42234.289 1.024	437400.000 50609.316	68.236 33.315	16.336 34.414	153.708 23.677
1/5/2016 11:45:00 AM 42255.504 1.024	438300.000 50635.152	68.210 33.334	16.336 34.432	153.651 23.666
1/5/2016 12:00:00 PM 42258.215 1.024	439200.000 50637.984	68.212 33.336	16.336 34.434	153.655 23.664
1/5/2016 12:15:00 PM 42239.586 1.024	440100.000 50615.363	68.191 33.319	16.336 34.418	153.607 23.674
1/5/2016 12:30:00 PM 42277.164 1.024	441000.000 50660.496	68.191 33.352	16.336 34.449	153.606 23.653
1/5/2016 12:45:00 PM 42268.813 1.024	441900.000 50650.594	68.168 33.345	16.336 34.442	153.554 23.658
1/5/2016 1:00:00 PM 42262.273 1.024	442800.000 50642.453	68.172 33.339	16.336 34.437	153.563 23.662
1/5/2016 1:15:00 PM 42235.160 1.024	443700.000 50609.359	68.169 33.315	16.337 34.414	153.557 23.677
1/5/2016 1:30:00 PM	444600.000	68.149	16.337	153.513

42240.785	50615.891	33.320	34.419	23.674
1.024				
1/5/2016 1:45:00 PM	445500.000	68.165	16.336	153.548
42249.012	50626.559	33.327	34.426	23.669
1.024				
1/5/2016 2:00:00 PM	446400.000	68.160	16.337	153.536
42214.566	50584.172	33.296	34.397	23.689
1.024				
1/5/2016 2:15:00 PM	447300.000	68.125	16.337	153.459
42250.305	50626.879	33.328	34.426	23.668
1.024				
1/5/2016 2:30:00 PM	448200.000	68.129	16.337	153.466
42252.109	50629.043	33.329	34.428	23.667
1.024				
1/5/2016 2:45:00 PM	449100.000	68.120	16.338	153.447
42266.168	50645.492	33.342	34.439	23.660
1.024				
1/5/2016 3:00:00 PM	450000.000	68.125	16.337	153.459
42237.258	50611.156	33.316	34.416	23.676
1.024				
1/5/2016 3:15:00 PM	450900.000	68.125	16.338	153.459
42253.340	50630.313	33.330	34.429	23.667
1.024				
1/5/2016 3:30:00 PM	451800.000	68.142	16.337	153.496
42256.742	50634.504	33.333	34.431	23.665
1.024				
1/5/2016 3:45:00 PM	452700.000	68.141	16.338	153.494
42256.961	50634.352	33.333	34.431	23.665
1.024				
1/5/2016 4:00:00 PM	453600.000	68.132	16.338	153.474
42269.129	50649.234	33.344	34.441	23.658
1.024				
1/5/2016 4:15:00 PM	454500.000	68.150	16.338	153.515
42258.719	50636.051	33.335	34.433	23.664
1.024				
1/5/2016 4:30:00 PM	455400.000	68.131	16.338	153.472
42269.316	50648.750	33.344	34.441	23.658
1.024				
1/5/2016 4:45:00 PM	456300.000	68.125	16.338	153.458
42300.090	50685.836	33.371	34.466	23.641
1.024				
1/5/2016 5:00:00 PM	457200.000	68.175	16.338	153.572
42250.977	50626.988	33.328	34.426	23.668
1.024				
1/5/2016 5:15:00 PM	458100.000	68.155	16.337	153.525
42272.453	50653.633	33.347	34.444	23.656
1.024				
1/5/2016 5:30:00 PM	459000.000	68.170	16.337	153.561
42243.340	50618.535	33.322	34.421	23.672
1.024				
1/5/2016 5:45:00 PM	459900.000	68.170	16.338	153.559
42242.781	50617.266	33.321	34.420	23.673
1.024				
1/5/2016 6:00:00 PM	460800.000	68.169	16.337	153.557
42251.219	50628.090	33.329	34.427	23.668

1.024				
1/5/2016 6:15:00 PM	461700.000	68.191	16.337	153.607
42240.422	50615.152	33.319	34.418	23.674
1.024				
1/5/2016 6:30:00 PM	462600.000	68.175	16.337	153.571
42225.695	50597.391	33.306	34.406	23.682
1.024				
1/5/2016 6:45:00 PM	463500.000	68.226	16.337	153.686
42251.707	50628.559	33.329	34.427	23.668
1.024				
1/5/2016 7:00:00 PM	464400.000	68.221	16.337	153.675
42280.500	50663.980	33.355	34.452	23.652
1.024				
1/5/2016 7:15:00 PM	465300.000	68.242	16.337	153.722
42186.680	50551.055	33.272	34.375	23.704
1.024				
1/5/2016 7:30:00 PM	466200.000	68.236	16.337	153.707
42249.242	50626.324	33.327	34.426	23.669
1.024				
1/5/2016 7:45:00 PM	467100.000	68.301	16.336	153.855
42222.707	50594.832	33.304	34.404	23.684
1.024				
1/5/2016 8:00:00 PM	468000.000	68.245	16.335	153.729
42244.484	50622.152	33.324	34.423	23.672
1.024				
1/5/2016 8:15:00 PM	468900.000	68.269	16.335	153.783
42277.395	50661.887	33.353	34.450	23.653
1.024				
1/5/2016 8:30:00 PM	469800.000	68.301	16.335	153.855
42262.039	50643.699	33.340	34.438	23.662
1.024				
1/5/2016 8:45:00 PM	470700.000	68.288	16.335	153.826
42264.625	50646.703	33.342	34.440	23.660
1.024				
1/5/2016 9:00:00 PM	471600.000	68.284	16.335	153.816
42259.609	50641.090	33.338	34.436	23.663
1.024				
1/5/2016 9:15:00 PM	472500.000	68.312	16.334	153.879
42228.211	50604.691	33.311	34.411	23.681
1.024				
1/5/2016 9:30:00 PM	473400.000	68.292	16.334	153.835
42252.648	50633.375	33.332	34.431	23.667
1.024				
1/5/2016 9:45:00 PM	474300.000	68.360	16.334	153.988
42260.461	50642.824	33.339	34.437	23.663
1.024				
1/5/2016 10:00:00 PM	475200.000	68.318	16.334	153.894
42257.379	50639.645	33.337	34.435	23.665
1.024				
1/5/2016 10:15:00 PM	476100.000	68.363	16.333	153.995
42243.059	50622.793	33.325	34.424	23.673
1.024				
1/5/2016 10:30:00 PM	477000.000	68.337	16.333	153.936
42256.594	50639.930	33.337	34.435	23.665
1.024				

1/5/2016 10:45:00 PM 42202.387 1.024	477900.000 50575.164	68.335 33.289	16.332 34.391	153.931 23.695
1/5/2016 11:00:00 PM 42252.789 1.024	478800.000 50636.883	68.354 33.335	16.331 34.433	153.975 23.667
1/5/2016 11:15:00 PM 42231.258 1.024	479700.000 50609.965	68.348 33.315	16.332 34.415	153.960 23.679
1/5/2016 11:30:00 PM 42225.480 1.024	480600.000 50603.664	68.348 33.310	16.332 34.410	153.961 23.682
1/5/2016 11:45:00 PM 42241.277 1.024	481500.000 50622.793	68.361 33.324	16.332 34.424	153.989 23.674
1/6/2016 12:00:00 AM 42263.012 1.024	482400.000 50648.738	68.343 33.343	16.332 34.441	153.950 23.661
1/6/2016 12:15:00 AM 42259.609 1.024	483300.000 50645.773	68.326 33.341	16.331 34.439	153.912 23.663
1/6/2016 12:30:00 AM 42237.309 1.024	484200.000 50618.035	68.361 33.321	16.332 34.420	153.989 23.676
1/6/2016 12:45:00 AM 42241.547 1.024	485100.000 50623.527	68.360 33.325	16.331 34.424	153.988 23.673
1/6/2016 1:00:00 AM 42245.184 1.024	486000.000 50627.770	68.368 33.328	16.331 34.427	154.005 23.671
1/6/2016 1:15:00 AM 42234.035 1.024	486900.000 50616.152	68.364 33.319	16.330 34.419	153.998 23.678
1/6/2016 1:30:00 AM 42222.102 1.024	487800.000 50601.746	68.346 33.309	16.330 34.409	153.957 23.684
1/6/2016 1:45:00 AM 42276.969 1.024	488700.000 50667.809	68.357 33.357	16.330 34.454	153.980 23.654
1/6/2016 2:00:00 AM 42246.633 1.024	489600.000 50630.938	68.354 33.330	16.330 34.429	153.974 23.671
1/6/2016 2:15:00 AM 42245.492 1.024	490500.000 50629.680	68.378 33.329	16.330 34.428	154.027 23.671
1/6/2016 2:30:00 AM 42240.984 1.024	491400.000 50625.398	68.387 33.326	16.329 34.425	154.049 23.674
1/6/2016 2:45:00 AM 42266.449 1.024	492300.000 50655.086	68.379 33.348	16.330 34.445	154.031 23.659
1/6/2016 3:00:00 AM 42245.441 1.024	493200.000 50630.832	68.419 33.330	16.329 34.429	154.120 23.671
1/6/2016 3:15:00 AM	494100.000	68.416	16.328	154.115

42232.996	50616.430	33.319	34.419	23.678
1.024				
1/6/2016 3:30:00 AM	495000.000	68.430	16.329	154.145
42219.223	50599.715	33.307	34.408	23.686
1.024				
1/6/2016 3:45:00 AM	495900.000	68.461	16.328	154.216
42218.141	50598.930	33.307	34.407	23.687
1.024				
1/6/2016 4:00:00 AM	496800.000	68.454	16.328	154.200
42235.828	50620.645	33.323	34.422	23.677
1.024				
1/6/2016 4:15:00 AM	497700.000	68.498	16.328	154.298
42217.164	50598.168	33.306	34.407	23.687
1.024				
1/6/2016 4:30:00 AM	498600.000	68.513	16.327	154.333
42243.234	50630.641	33.330	34.429	23.672
1.024				
1/6/2016 4:45:00 AM	499500.000	68.530	16.326	154.369
42222.488	50606.801	33.312	34.413	23.684
1.024				
1/6/2016 5:00:00 AM	500400.000	68.532	16.326	154.375
42273.395	50668.215	33.357	34.454	23.656
1.024				
1/6/2016 5:15:00 AM	501300.000	68.558	16.325	154.433
42225.957	50612.172	33.316	34.416	23.682
1.024				
1/6/2016 5:30:00 AM	502200.000	68.569	16.325	154.457
42231.301	50618.680	33.321	34.421	23.679
1.024				
1/6/2016 5:45:00 AM	503100.000	68.571	16.325	154.462
42223.559	50609.094	33.314	34.414	23.683
1.024				
1/6/2016 6:00:00 AM	504000.000	68.598	16.324	154.523
42263.734	50658.469	33.350	34.448	23.661
1.024				
1/6/2016 6:15:00 AM	504900.000	68.611	16.324	154.552
42231.340	50620.047	33.322	34.422	23.679
1.024				
1/6/2016 6:30:00 AM	505800.000	68.646	16.322	154.633
42245.879	50639.102	33.336	34.435	23.671
1.024				
1/6/2016 6:45:00 AM	506700.000	68.645	16.321	154.629
42277.152	50677.410	33.364	34.461	23.653
1.024				
1/6/2016 7:00:00 AM	507600.000	68.684	16.322	154.718
42254.461	50650.000	33.344	34.442	23.666
1.024				
1/6/2016 7:15:00 AM	508500.000	68.694	16.321	154.739
42265.648	50664.543	33.354	34.452	23.660
1.024				
1/6/2016 7:30:00 AM	509400.000	68.774	16.320	154.920
42233.359	50626.449	33.326	34.426	23.678
1.024				
1/6/2016 7:45:00 AM	510300.000	68.730	16.319	154.820
42291.160	50697.066	33.378	34.474	23.646

1.024				
1/6/2016 8:00:00 AM	511200.000	68.724	16.319	154.808
42248.375	50646.285	33.341	34.439	23.670
1.024				
1/6/2016 8:15:00 AM	512100.000	68.748	16.318	154.862
42249.813	50649.230	33.343	34.441	23.669
1.024				
1/6/2016 8:30:00 AM	513000.000	68.741	16.318	154.845
42265.883	50667.992	33.357	34.454	23.660
1.024				
1/6/2016 8:45:00 AM	513900.000	68.769	16.316	154.908
42239.609	50638.211	33.335	34.434	23.674
1.024				
1/6/2016 9:00:00 AM	514800.000	68.735	16.316	154.833
42206.195	50599.180	33.306	34.407	23.693
1.024				
1/6/2016 9:15:00 AM	515700.000	68.766	16.316	154.903
42207.230	50600.016	33.307	34.408	23.693
1.024				
1/6/2016 9:30:00 AM	516600.000	68.773	16.316	154.917
42253.066	50655.266	33.347	34.446	23.667
1.024				
1/6/2016 9:45:00 AM	517500.000	68.754	16.315	154.876
42263.578	50669.098	33.357	34.455	23.661
1.024				
1/6/2016 10:00:00 AM	518400.000	68.759	16.314	154.886
42241.547	50643.293	33.338	34.437	23.673
1.024				
1/6/2016 10:15:00 AM	519300.000	68.785	16.314	154.944
42237.953	50638.781	33.335	34.434	23.675
1.024				
1/6/2016 10:30:00 AM	520200.000	68.771	16.314	154.914
42238.531	50639.980	33.336	34.435	23.675
1.024				
1/6/2016 10:45:00 AM	521100.000	68.748	16.314	154.861
42282.813	50693.070	33.375	34.471	23.650
1.024				
1/6/2016 11:00:00 AM	522000.000	68.735	16.314	154.833
42241.234	50642.617	33.338	34.437	23.674
1.024				
1/6/2016 11:15:00 AM	522900.000	68.695	16.314	154.743
42284.125	50694.137	33.376	34.472	23.650
1.024				
1/6/2016 11:30:00 AM	523800.000	68.706	16.315	154.767
42262.242	50667.496	33.356	34.454	23.662
1.024				
1/6/2016 11:45:00 AM	524700.000	68.693	16.314	154.737
42233.500	50633.742	33.331	34.431	23.678
1.024				
1/6/2016 12:00:00 PM	525600.000	68.696	16.314	154.745
42220.629	50617.914	33.320	34.420	23.685
1.024				
1/6/2016 12:15:00 PM	526500.000	68.663	16.314	154.670
42249.664	50652.723	33.345	34.444	23.669
1.024				

1/6/2016 12:30:00 PM 42225.348 1.024	527400.000 50622.547	68.638 33.323	16.315 34.423	154.615 23.682
1/6/2016 12:45:00 PM 42248.555 1.024	528300.000 50650.262	68.616 33.343	16.315 34.442	154.565 23.669
1/6/2016 1:00:00 PM 42233.875 1.024	529200.000 50632.770	68.622 33.331	16.315 34.430	154.577 23.678
1/6/2016 1:15:00 PM 42227.516 1.024	530100.000 50624.945	68.577 33.325	16.315 34.425	154.476 23.681
1/6/2016 1:30:00 PM 42284.922 1.024	531000.000 50693.453	68.582 33.375	16.316 34.472	154.489 23.649
1/6/2016 1:45:00 PM 42236.941 1.024	531900.000 50635.934	68.569 33.333	16.316 34.432	154.458 23.676
1/6/2016 2:00:00 PM 42252.039 1.024	532800.000 50653.520	68.547 33.346	16.316 34.444	154.410 23.667
1/6/2016 2:15:00 PM 42262.508 1.024	533700.000 50664.855	68.532 33.354	16.317 34.452	154.376 23.662
1/6/2016 2:30:00 PM 42238.039 1.024	534600.000 50635.117	68.530 33.332	16.318 34.432	154.370 23.675
1/6/2016 2:45:00 PM 42246.512 1.024	535500.000 50645.680	68.507 33.340	16.317 34.439	154.318 23.671
1/6/2016 3:00:00 PM 42265.203 1.024	536400.000 50667.781	68.498 33.356	16.317 34.454	154.298 23.660
1/6/2016 3:15:00 PM 42213.984 1.024	537300.000 50605.980	68.500 33.311	16.318 34.412	154.304 23.689
1/6/2016 3:30:00 PM 42259.016 1.024	538200.000 50659.762	68.503 33.351	16.318 34.449	154.310 23.664
1/6/2016 3:45:00 PM 42226.863 1.024	539100.000 50620.797	68.475 33.322	16.318 34.422	154.247 23.682
1/6/2016 4:00:00 PM 42247.527 1.024	540000.000 50645.359	68.469 33.340	16.319 34.439	154.233 23.670
1/6/2016 4:15:00 PM 42238.945 1.024	540900.000 50635.391	68.470 33.333	16.318 34.432	154.235 23.675
1/6/2016 4:30:00 PM 42205.891 1.024	541800.000 50595.051	68.467 33.303	16.319 34.405	154.228 23.693
1/6/2016 4:45:00 PM 42252.953 1.024	542700.000 50650.750	68.469 33.344	16.319 34.443	154.233 23.667
1/6/2016 5:00:00 PM	543600.000	68.480	16.319	154.257

42246.418	50642.914	33.338	34.437	23.671
1.024				
1/6/2016 5:15:00 PM	544500.000	68.457	16.319	154.205
42255.277	50653.738	33.346	34.445	23.666
1.024				
1/6/2016 5:30:00 PM	545400.000	68.455	16.319	154.202
42208.770	50598.703	33.306	34.407	23.692
1.024				
1/6/2016 5:45:00 PM	546300.000	68.441	16.320	154.170
42265.668	50665.691	33.355	34.453	23.660
1.024				
1/6/2016 6:00:00 PM	547200.000	68.480	16.320	154.257
42246.215	50642.273	33.338	34.437	23.671
1.024				
1/6/2016 6:15:00 PM	548100.000	68.462	16.320	154.218
42230.520	50623.758	33.324	34.424	23.680
1.024				
1/6/2016 6:30:00 PM	549000.000	68.485	16.320	154.268
42228.613	50621.176	33.322	34.422	23.681
1.024				
1/6/2016 6:45:00 PM	549900.000	68.479	16.320	154.255
42247.375	50643.664	33.339	34.438	23.670
1.024				
1/6/2016 7:00:00 PM	550800.000	68.478	16.320	154.254
42244.344	50640.129	33.336	34.435	23.672
1.024				
1/6/2016 7:15:00 PM	551700.000	68.487	16.319	154.273
42237.629	50632.688	33.331	34.430	23.676
1.024				
1/6/2016 7:30:00 PM	552600.000	68.491	16.320	154.282
42233.238	50627.020	33.327	34.426	23.678
1.024				
1/6/2016 7:45:00 PM	553500.000	68.499	16.319	154.301
42291.277	50697.000	33.378	34.474	23.646
1.024				
1/6/2016 8:00:00 PM	554400.000	68.491	16.320	154.283
42274.914	50676.871	33.363	34.460	23.655
1.024				
1/6/2016 8:15:00 PM	555300.000	68.530	16.319	154.370
42221.930	50614.582	33.317	34.418	23.684
1.024				
1/6/2016 8:30:00 PM	556200.000	68.514	16.319	154.335
42224.047	50616.715	33.319	34.419	23.683
1.024				
1/6/2016 8:45:00 PM	557100.000	68.534	16.319	154.379
42247.227	50645.000	33.340	34.439	23.670
1.024				
1/6/2016 9:00:00 PM	558000.000	68.527	16.319	154.364
42220.086	50611.766	33.315	34.416	23.685
1.024				
1/6/2016 9:15:00 PM	558900.000	68.545	16.319	154.405
42214.047	50605.133	33.310	34.411	23.689
1.024				
1/6/2016 9:30:00 PM	559800.000	68.544	16.318	154.401
42209.203	50599.734	33.306	34.408	23.692

1.024				
1/6/2016 9:45:00 PM	560700.000	68.509	16.319	154.324
42216.344	50607.977	33.313	34.413	23.688
1.024				
1/6/2016 10:00:00 PM	561600.000	68.550	16.318	154.415
42253.910	50653.328	33.346	34.444	23.666
1.024				
1/6/2016 10:15:00 PM	562500.000	68.530	16.318	154.371
42229.332	50624.574	33.325	34.425	23.680
1.024				
1/6/2016 10:30:00 PM	563400.000	68.549	16.318	154.413
42241.188	50638.273	33.335	34.434	23.674
1.024				
1/6/2016 10:45:00 PM	564300.000	68.535	16.318	154.383
42210.324	50601.594	33.308	34.409	23.691
1.024				
1/6/2016 11:00:00 PM	565200.000	68.539	16.318	154.390
42239.863	50637.004	33.334	34.433	23.674
1.024				
1/6/2016 11:15:00 PM	566100.000	68.532	16.318	154.375
42254.434	50654.559	33.347	34.445	23.666
1.024				
1/6/2016 11:30:00 PM	567000.000	68.541	16.317	154.395
42242.676	50640.867	33.337	34.436	23.673
1.024				
1/6/2016 11:45:00 PM	567900.000	68.539	16.317	154.390
42277.074	50682.418	33.367	34.464	23.653
1.024				

Report Date: 1/11/2016 11:31:52 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1S LT Test_2016-01-07_10-11-23-415.wsl
Create Date: 1/7/2016 10:11:18 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/27/2015 10:02:43 AM	Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/27/2015 11:43:58 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/29/2015 2:42:47 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
11/5/2015 1:40:01 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time:
10/27/2015 10:45:00 AM	Stop Time: 11/5/2015 1:40:00 PM
11/12/2015 9:38:27 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw
11/19/2015 2:51:59 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 2:50:00 PM
11/29/2015 9:11:53 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time:
11/13/2015 1:00:00 AM	Stop Time: 11/29/2015 10:00:00 AM
12/3/2015 10:41:36 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start
Time: 11/18/2015 7:00:00 AM	Stop Time: 12/3/2015 10:30:00 AM
12/10/2015 8:55:03 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: CShaw Interval - Start Time:
10/13/2015 1:45:00 AM	Stop Time: 12/10/2015 8:45:00 AM
12/17/2015 11:08:11 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:58:57 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 10:45:00 AM
1/7/2016 10:10:38 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 10:00:00 AM

Log Data:

Record Count: 672

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	
Elapsed Time	SN#: 421436	SN#: 421436	SN#: 421436	SN#: 421436	SN#:
421436	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)				
12/31/2015 12:00:00 AM	2674800.000	18.903	16.190	42.581	
40230.652	48369.844	31.664	32891.496	24.857	
1.023					
12/31/2015 12:15:00 AM	2675700.000	18.901	16.191	42.575	
40187.355	48316.914	31.626	32855.504	24.883	
1.023					
12/31/2015 12:30:00 AM	2676600.000	18.894	16.190	42.561	
40207.297	48341.574	31.643	32872.273	24.871	
1.023					
12/31/2015 12:45:00 AM	2677500.000	18.892	16.191	42.557	

40179.930	48308.180	31.619	32849.563	24.888
1.023				
12/31/2015 1:00:00 AM	2678400.000	18.887	16.191	42.545
40194.234	48325.379	31.632	32861.258	24.879
1.023				
12/31/2015 1:15:00 AM	2679300.000	18.885	16.191	42.539
40146.715	48268.051	31.590	32822.273	24.909
1.023				
12/31/2015 1:30:00 AM	2680200.000	18.882	16.191	42.534
40207.457	48341.379	31.643	32872.141	24.871
1.023				
12/31/2015 1:45:00 AM	2681100.000	18.887	16.191	42.544
40188.648	48318.172	31.626	32856.359	24.883
1.023				
12/31/2015 2:00:00 AM	2682000.000	18.882	16.191	42.533
40205.559	48339.098	31.642	32870.586	24.872
1.023				
12/31/2015 2:15:00 AM	2682900.000	18.887	16.191	42.544
40212.926	48347.063	31.648	32876.008	24.868
1.023				
12/31/2015 2:30:00 AM	2683800.000	18.884	16.190	42.539
40178.574	48307.043	31.618	32848.789	24.889
1.023				
12/31/2015 2:45:00 AM	2684700.000	18.885	16.191	42.539
40208.816	48342.809	31.644	32873.113	24.870
1.023				
12/31/2015 3:00:00 AM	2685600.000	18.884	16.191	42.538
40210.672	48345.141	31.646	32874.699	24.869
1.023				
12/31/2015 3:15:00 AM	2686500.000	18.890	16.190	42.552
40200.820	48333.688	31.638	32866.910	24.875
1.023				
12/31/2015 3:30:00 AM	2687400.000	18.890	16.191	42.551
40198.191	48330.035	31.635	32864.426	24.877
1.023				
12/31/2015 3:45:00 AM	2688300.000	18.894	16.191	42.561
40202.012	48334.730	31.639	32867.617	24.874
1.023				
12/31/2015 4:00:00 AM	2689200.000	18.893	16.190	42.559
40213.633	48349.000	31.649	32877.324	24.867
1.023				
12/31/2015 4:15:00 AM	2690100.000	18.898	16.191	42.568
40199.934	48332.332	31.637	32865.984	24.876
1.023				
12/31/2015 4:30:00 AM	2691000.000	18.901	16.190	42.576
40187.980	48318.250	31.626	32856.410	24.883
1.023				
12/31/2015 4:45:00 AM	2691900.000	18.907	16.191	42.589
40193.395	48324.473	31.631	32860.641	24.880
1.023				
12/31/2015 5:00:00 AM	2692800.000	18.919	16.190	42.616
40193.023	48324.109	31.631	32860.398	24.880
1.023				
12/31/2015 5:15:00 AM	2693700.000	18.934	16.190	42.650
40200.430	48333.316	31.637	32866.656	24.875
1.023				
12/31/2015 5:30:00 AM	2694600.000	18.935	16.190	42.653

40233.023	48373.277	31.667	32893.828	24.855
1.023				
12/31/2015 5:45:00 AM	2695500.000	18.940	16.190	42.665
40231.934	48371.492	31.665	32892.617	24.856
1.023				
12/31/2015 6:00:00 AM	2696400.000	18.944	16.190	42.673
40218.754	48355.934	31.654	32882.039	24.864
1.023				
12/31/2015 6:15:00 AM	2697300.000	18.944	16.190	42.673
40217.082	48353.238	31.652	32880.203	24.865
1.023				
12/31/2015 6:30:00 AM	2698200.000	18.950	16.190	42.686
40207.504	48342.598	31.644	32872.965	24.871
1.023				
12/31/2015 6:45:00 AM	2699100.000	18.952	16.190	42.692
40216.055	48352.586	31.651	32879.762	24.866
1.023				
12/31/2015 7:00:00 AM	2700000.000	18.950	16.190	42.686
40189.707	48321.199	31.629	32858.418	24.882
1.023				
12/31/2015 7:15:00 AM	2700900.000	18.958	16.189	42.706
40195.563	48328.441	31.634	32863.344	24.878
1.023				
12/31/2015 7:30:00 AM	2701800.000	18.961	16.190	42.711
40192.164	48324.152	31.631	32860.430	24.880
1.023				
12/31/2015 7:45:00 AM	2702700.000	18.956	16.189	42.700
40222.254	48360.914	31.657	32885.422	24.862
1.023				
12/31/2015 8:00:00 AM	2703600.000	18.957	16.189	42.702
40226.395	48366.086	31.661	32888.938	24.859
1.023				
12/31/2015 8:15:00 AM	2704500.000	18.956	16.189	42.701
40191.496	48324.328	31.631	32860.547	24.881
1.023				
12/31/2015 8:30:00 AM	2705400.000	18.964	16.188	42.718
40195.047	48328.898	31.634	32863.656	24.879
1.023				
12/31/2015 8:45:00 AM	2706300.000	18.961	16.188	42.711
40191.727	48324.805	31.631	32860.871	24.881
1.023				
12/31/2015 9:00:00 AM	2707200.000	18.959	16.188	42.706
40219.453	48358.242	31.655	32883.605	24.864
1.023				
12/31/2015 9:15:00 AM	2708100.000	18.966	16.189	42.723
40195.102	48328.664	31.634	32863.496	24.879
1.023				
12/31/2015 9:30:00 AM	2709000.000	18.960	16.188	42.710
40201.719	48337.012	31.640	32869.172	24.875
1.023				
12/31/2015 9:45:00 AM	2709900.000	18.958	16.188	42.706
40165.980	48294.043	31.609	32839.949	24.897
1.023				
12/31/2015 10:00:00 AM	0.000	18.962	16.188	42.715
40218.391	48357.059	31.655	32882.801	24.864
1.023				
12/31/2015 10:15:00 AM	900.000	18.960	16.188	42.710

40245.000	48389.441	31.678	32904.824	24.848
1.023				
12/31/2015 10:30:00 AM	1800.000	18.963	16.188	42.715
40199.859	48334.973	31.639	32867.781	24.876
1.023				
12/31/2015 10:45:00 AM	2700.000	18.961	16.188	42.711
40203.594	48339.074	31.642	32870.570	24.873
1.023				
12/31/2015 11:00:00 AM	3600.000	18.965	16.188	42.720
40219.719	48358.848	31.656	32884.020	24.863
1.023				
12/31/2015 11:15:00 AM	4500.000	18.957	16.188	42.703
40177.895	48309.152	31.620	32850.223	24.889
1.023				
12/31/2015 11:30:00 AM	5400.000	18.957	16.188	42.702
40227.828	48369.191	31.663	32891.051	24.858
1.023				
12/31/2015 11:45:00 AM	6300.000	18.950	16.188	42.686
40210.277	48347.895	31.648	32876.570	24.869
1.023				
12/31/2015 12:00:00 PM	7200.000	18.940	16.187	42.663
40217.574	48357.059	31.655	32882.801	24.865
1.023				
12/31/2015 12:15:00 PM	8100.000	18.937	16.188	42.657
40236.711	48379.281	31.671	32897.910	24.853
1.023				
12/31/2015 12:30:00 PM	9000.000	18.938	16.188	42.659
40209.789	48347.391	31.648	32876.227	24.870
1.023				
12/31/2015 12:45:00 PM	9900.000	18.931	16.187	42.645
40196.309	48331.488	31.636	32865.418	24.878
1.023				
12/31/2015 1:00:00 PM	10800.000	18.930	16.188	42.641
40179.621	48310.441	31.621	32851.105	24.888
1.023				
12/31/2015 1:15:00 PM	11700.000	18.929	16.187	42.640
40242.047	48386.781	31.676	32903.016	24.850
1.023				
12/31/2015 1:30:00 PM	12600.000	18.925	16.188	42.631
40208.625	48345.121	31.646	32874.684	24.870
1.023				
12/31/2015 1:45:00 PM	13500.000	18.928	16.187	42.638
40240.363	48384.645	31.675	32901.563	24.851
1.023				
12/31/2015 2:00:00 PM	14400.000	18.930	16.188	42.641
40218.293	48357.531	31.655	32883.121	24.864
1.023				
12/31/2015 2:15:00 PM	15300.000	18.929	16.187	42.640
40232.277	48375.219	31.668	32895.148	24.856
1.023				
12/31/2015 2:30:00 PM	16200.000	18.932	16.188	42.645
40239.793	48383.578	31.674	32900.832	24.851
1.023				
12/31/2015 2:45:00 PM	17100.000	18.934	16.188	42.650
40214.742	48353.164	31.652	32880.152	24.867
1.023				
12/31/2015 3:00:00 PM	18000.000	18.927	16.187	42.635

40235.039	48378.645	31.670	32897.484	24.854
1.023				
12/31/2015 3:15:00 PM	18900.000	18.930	16.187	42.641
40242.621	48387.555	31.677	32903.543	24.849
1.023				
12/31/2015 3:30:00 PM	19800.000	18.930	16.187	42.643
40265.113	48414.406	31.696	32921.797	24.835
1.023				
12/31/2015 3:45:00 PM	20700.000	18.934	16.186	42.650
40222.813	48364.711	31.660	32888.004	24.862
1.023				
12/31/2015 4:00:00 PM	21600.000	18.934	16.187	42.651
40243.656	48389.004	31.678	32904.527	24.849
1.023				
12/31/2015 4:15:00 PM	22500.000	18.928	16.187	42.637
40222.090	48362.867	31.659	32886.754	24.862
1.023				
12/31/2015 4:30:00 PM	23400.000	18.929	16.187	42.640
40226.285	48368.504	31.663	32890.582	24.859
1.023				
12/31/2015 4:45:00 PM	24300.000	18.926	16.186	42.633
40249.934	48397.621	31.684	32910.387	24.845
1.023				
12/31/2015 5:00:00 PM	25200.000	18.925	16.186	42.631
40219.465	48360.594	31.657	32885.203	24.864
1.023				
12/31/2015 5:15:00 PM	26100.000	18.919	16.187	42.618
40226.832	48369.063	31.663	32890.961	24.859
1.023				
12/31/2015 5:30:00 PM	27000.000	18.915	16.186	42.607
40247.531	48394.250	31.682	32908.094	24.846
1.023				
12/31/2015 5:45:00 PM	27900.000	18.912	16.186	42.601
40237.043	48381.730	31.673	32899.578	24.853
1.023				
12/31/2015 6:00:00 PM	28800.000	18.907	16.187	42.589
40237.301	48381.648	31.672	32899.520	24.853
1.023				
12/31/2015 6:15:00 PM	29700.000	18.903	16.186	42.580
40236.785	48381.328	31.672	32899.309	24.853
1.023				
12/31/2015 6:30:00 PM	30600.000	18.894	16.187	42.561
40215.156	48354.828	31.653	32881.285	24.866
1.023				
12/31/2015 6:45:00 PM	31500.000	18.893	16.186	42.559
40234.449	48379.301	31.671	32897.926	24.854
1.023				
12/31/2015 7:00:00 PM	32400.000	18.882	16.186	42.533
40275.242	48427.664	31.706	32930.813	24.829
1.023				
12/31/2015 7:15:00 PM	33300.000	18.880	16.186	42.530
40243.020	48389.008	31.678	32904.531	24.849
1.023				
12/31/2015 7:30:00 PM	34200.000	18.872	16.186	42.511
40239.637	48385.238	31.675	32901.961	24.851
1.023				
12/31/2015 7:45:00 PM	35100.000	18.866	16.186	42.497

40263.645	48413.809	31.696	32921.391	24.836
1.023				
12/31/2015 8:00:00 PM	36000.000	18.863	16.186	42.492
40254.031	48402.160	31.687	32913.473	24.842
1.023				
12/31/2015 8:15:00 PM	36900.000	18.859	16.186	42.481
40283.504	48437.797	31.713	32937.707	24.824
1.023				
12/31/2015 8:30:00 PM	37800.000	18.852	16.187	42.466
40230.492	48373.363	31.666	32893.887	24.857
1.023				
12/31/2015 8:45:00 PM	38700.000	18.849	16.186	42.459
40251.340	48398.719	31.685	32911.129	24.844
1.023				
12/31/2015 9:00:00 PM	39600.000	18.843	16.186	42.446
40231.969	48376.418	31.669	32895.965	24.856
1.023				
12/31/2015 9:15:00 PM	40500.000	18.837	16.187	42.433
40255.590	48403.445	31.688	32914.344	24.841
1.023				
12/31/2015 9:30:00 PM	41400.000	18.837	16.186	42.432
40262.383	48412.199	31.695	32920.301	24.837
1.023				
12/31/2015 9:45:00 PM	42300.000	18.825	16.186	42.406
40242.070	48387.867	31.677	32903.750	24.850
1.023				
12/31/2015 10:00:00 PM	43200.000	18.822	16.187	42.398
40226.215	48368.320	31.663	32890.457	24.859
1.023				
12/31/2015 10:15:00 PM	44100.000	18.819	16.187	42.391
40243.457	48388.953	31.678	32904.492	24.849
1.023				
12/31/2015 10:30:00 PM	45000.000	18.816	16.187	42.386
40266.750	48416.371	31.698	32923.133	24.834
1.023				
12/31/2015 10:45:00 PM	45900.000	18.805	16.187	42.360
40241.180	48386.215	31.676	32902.625	24.850
1.023				
12/31/2015 11:00:00 PM	46800.000	18.809	16.187	42.369
40283.230	48436.484	31.713	32936.809	24.824
1.023				
12/31/2015 11:15:00 PM	47700.000	18.802	16.187	42.353
40254.074	48401.531	31.687	32913.043	24.842
1.023				
12/31/2015 11:30:00 PM	48600.000	18.798	16.187	42.345
40245.148	48390.695	31.679	32905.676	24.848
1.023				
12/31/2015 11:45:00 PM	49500.000	18.792	16.187	42.331
40275.617	48427.434	31.706	32930.656	24.829
1.023				
1/1/2016 12:00:00 AM	50400.000	18.792	16.186	42.331
40230.770	48374.094	31.667	32894.383	24.857
1.023				
1/1/2016 12:15:00 AM	51300.000	18.790	16.187	42.326
40287.473	48442.078	31.717	32940.617	24.822
1.023				
1/1/2016 12:30:00 AM	52200.000	18.787	16.188	42.320

40268.293	48417.941	31.699	32924.203	24.833
1.023				
1/1/2016 12:45:00 AM	53100.000	18.790	16.186	42.325
40293.445	48449.457	31.722	32945.633	24.818
1.023				
1/1/2016 1:00:00 AM	54000.000	18.778	16.188	42.300
40253.699	48400.105	31.686	32912.070	24.842
1.023				
1/1/2016 1:15:00 AM	54900.000	18.781	16.188	42.306
40282.484	48434.715	31.711	32935.609	24.825
1.023				
1/1/2016 1:30:00 AM	55800.000	18.783	16.188	42.310
40255.160	48402.055	31.687	32913.398	24.842
1.023				
1/1/2016 1:45:00 AM	56700.000	18.780	16.188	42.303
40230.098	48372.016	31.665	32892.977	24.857
1.023				
1/1/2016 2:00:00 AM	57600.000	18.782	16.188	42.308
40273.504	48423.230	31.703	32927.801	24.830
1.023				
1/1/2016 2:15:00 AM	58500.000	18.778	16.187	42.300
40272.531	48423.230	31.703	32927.801	24.831
1.023				
1/1/2016 2:30:00 AM	59400.000	18.784	16.188	42.313
40280.871	48432.859	31.710	32934.344	24.826
1.023				
1/1/2016 2:45:00 AM	60300.000	18.788	16.188	42.321
40247.797	48392.805	31.681	32907.113	24.846
1.023				
1/1/2016 3:00:00 AM	61200.000	18.787	16.188	42.320
40261.316	48409.164	31.693	32918.230	24.838
1.023				
1/1/2016 3:15:00 AM	62100.000	18.784	16.188	42.312
40249.484	48395.035	31.682	32908.625	24.845
1.023				
1/1/2016 3:30:00 AM	63000.000	18.795	16.187	42.337
40281.789	48434.648	31.711	32935.566	24.825
1.023				
1/1/2016 3:45:00 AM	63900.000	18.798	16.187	42.344
40278.645	48430.676	31.708	32932.859	24.827
1.023				
1/1/2016 4:00:00 AM	64800.000	18.798	16.188	42.345
40268.289	48417.250	31.699	32923.734	24.833
1.023				
1/1/2016 4:15:00 AM	65700.000	18.801	16.188	42.350
40250.016	48395.676	31.683	32909.063	24.845
1.023				
1/1/2016 4:30:00 AM	66600.000	18.806	16.187	42.362
40269.395	48419.848	31.700	32925.500	24.833
1.023				
1/1/2016 4:45:00 AM	67500.000	18.814	16.187	42.380
40219.441	48359.301	31.656	32884.328	24.864
1.023				
1/1/2016 5:00:00 AM	68400.000	18.814	16.188	42.379
40278.398	48429.402	31.707	32931.996	24.827
1.023				
1/1/2016 5:15:00 AM	69300.000	18.814	16.187	42.380

40307.133	48465.125	31.733	32956.289	24.810
1.023				
1/1/2016 5:30:00 AM	70200.000	18.823	16.187	42.401
40253.406	48400.625	31.686	32912.426	24.843
1.023				
1/1/2016 5:45:00 AM	71100.000	18.822	16.187	42.398
40257.172	48405.152	31.690	32915.504	24.840
1.023				
1/1/2016 6:00:00 AM	72000.000	18.831	16.187	42.418
40283.328	48436.895	31.713	32937.094	24.824
1.023				
1/1/2016 6:15:00 AM	72900.000	18.846	16.187	42.452
40282.633	48435.965	31.712	32936.457	24.825
1.023				
1/1/2016 6:30:00 AM	73800.000	18.857	16.186	42.477
40281.336	48435.082	31.711	32935.855	24.825
1.023				
1/1/2016 6:45:00 AM	74700.000	18.865	16.187	42.495
40263.984	48413.633	31.696	32921.273	24.836
1.023				
1/1/2016 7:00:00 AM	75600.000	18.859	16.186	42.482
40274.844	48427.273	31.706	32930.551	24.829
1.023				
1/1/2016 7:15:00 AM	76500.000	18.864	16.186	42.492
40292.832	48449.016	31.722	32945.336	24.818
1.023				
1/1/2016 7:30:00 AM	77400.000	18.875	16.186	42.518
40276.332	48429.559	31.707	32932.102	24.828
1.023				
1/1/2016 7:45:00 AM	78300.000	18.877	16.186	42.522
40276.445	48429.313	31.707	32931.934	24.828
1.023				
1/1/2016 8:00:00 AM	79200.000	18.875	16.186	42.517
40286.887	48442.352	31.717	32940.805	24.822
1.023				
1/1/2016 8:15:00 AM	80100.000	18.877	16.186	42.522
40266.250	48417.340	31.698	32923.793	24.835
1.023				
1/1/2016 8:30:00 AM	81000.000	18.880	16.186	42.530
40245.637	48392.555	31.680	32906.941	24.847
1.023				
1/1/2016 8:45:00 AM	81900.000	18.882	16.185	42.533
40225.242	48368.820	31.663	32890.797	24.860
1.023				
1/1/2016 9:00:00 AM	82800.000	18.885	16.186	42.539
40316.348	48477.578	31.742	32964.758	24.804
1.023				
1/1/2016 9:15:00 AM	83700.000	18.882	16.184	42.534
40281.555	48437.418	31.713	32937.445	24.825
1.023				
1/1/2016 9:30:00 AM	84600.000	18.884	16.185	42.539
40288.266	48444.605	31.718	32942.332	24.821
1.023				
1/1/2016 9:45:00 AM	85500.000	18.885	16.185	42.539
40277.957	48432.691	31.710	32934.230	24.827
1.023				
1/1/2016 10:00:00 AM	86400.000	18.886	16.185	42.543

40275.930	48429.566	31.707	32932.105	24.829
1.023				
1/1/2016 10:15:00 AM	87300.000	18.890	16.185	42.551
40291.063	48447.762	31.721	32944.477	24.819
1.023				
1/1/2016 10:30:00 AM	88200.000	18.890	16.184	42.552
40281.105	48437.352	31.713	32937.402	24.826
1.023				
1/1/2016 10:45:00 AM	89100.000	18.887	16.184	42.545
40277.570	48432.625	31.710	32934.184	24.828
1.023				
1/1/2016 11:00:00 AM	90000.000	18.895	16.184	42.562
40245.789	48394.883	31.682	32908.520	24.847
1.023				
1/1/2016 11:15:00 AM	90900.000	18.893	16.184	42.559
40307.516	48469.109	31.736	32958.996	24.809
1.023				
1/1/2016 11:30:00 AM	91800.000	18.893	16.184	42.559
40255.230	48405.848	31.690	32915.977	24.841
1.023				
1/1/2016 11:45:00 AM	92700.000	18.890	16.184	42.553
40287.715	48445.500	31.719	32942.945	24.821
1.023				
1/1/2016 12:00:00 PM	93600.000	18.893	16.184	42.559
40298.480	48458.152	31.728	32951.547	24.815
1.023				
1/1/2016 12:15:00 PM	94500.000	18.893	16.184	42.559
40323.574	48488.230	31.750	32971.996	24.799
1.023				
1/1/2016 12:30:00 PM	95400.000	18.886	16.184	42.543
40269.102	48422.730	31.702	32927.461	24.833
1.023				
1/1/2016 12:45:00 PM	96300.000	18.889	16.183	42.550
40293.699	48453.570	31.725	32948.434	24.818
1.023				
1/1/2016 1:00:00 PM	97200.000	18.884	16.184	42.539
40309.051	48471.242	31.738	32960.445	24.808
1.023				
1/1/2016 1:15:00 PM	98100.000	18.877	16.183	42.523
40296.070	48456.137	31.727	32950.172	24.816
1.023				
1/1/2016 1:30:00 PM	99000.000	18.875	16.184	42.518
40309.844	48472.309	31.738	32961.176	24.808
1.023				
1/1/2016 1:45:00 PM	99900.000	18.866	16.183	42.498
40317.645	48481.871	31.745	32967.676	24.803
1.023				
1/1/2016 2:00:00 PM	100800.000	18.859	16.183	42.482
40296.402	48456.441	31.727	32950.383	24.816
1.023				
1/1/2016 2:15:00 PM	101700.000	18.859	16.184	42.481
40275.422	48430.805	31.708	32932.949	24.829
1.023				
1/1/2016 2:30:00 PM	102600.000	18.853	16.183	42.469
40280.789	48437.664	31.713	32937.613	24.826
1.023				
1/1/2016 2:45:00 PM	103500.000	18.855	16.183	42.472

40289.992	48448.531	31.721	32945.000	24.820
1.023				
1/1/2016 3:00:00 PM	104400.000	18.850	16.184	42.461
40302.395	48462.363	31.731	32954.406	24.812
1.023				
1/1/2016 3:15:00 PM	105300.000	18.854	16.184	42.471
40285.414	48442.438	31.717	32940.859	24.823
1.023				
1/1/2016 3:30:00 PM	106200.000	18.854	16.184	42.469
40277.324	48433.094	31.710	32934.504	24.828
1.023				
1/1/2016 3:45:00 PM	107100.000	18.855	16.184	42.472
40291.727	48450.410	31.722	32946.277	24.819
1.023				
1/1/2016 4:00:00 PM	108000.000	18.851	16.184	42.464
40271.691	48426.430	31.705	32929.973	24.831
1.023				
1/1/2016 4:15:00 PM	108900.000	18.852	16.184	42.467
40302.477	48463.250	31.732	32955.012	24.812
1.023				
1/1/2016 4:30:00 PM	109800.000	18.853	16.183	42.469
40298.914	48460.141	31.729	32952.895	24.815
1.023				
1/1/2016 4:45:00 PM	110700.000	18.858	16.183	42.480
40292.895	48452.410	31.724	32947.645	24.818
1.023				
1/1/2016 5:00:00 PM	111600.000	18.854	16.183	42.471
40277.770	48434.223	31.711	32935.277	24.828
1.023				
1/1/2016 5:15:00 PM	112500.000	18.858	16.183	42.479
40283.273	48440.746	31.715	32939.707	24.824
1.023				
1/1/2016 5:30:00 PM	113400.000	18.855	16.183	42.473
40293.457	48453.086	31.724	32948.102	24.818
1.023				
1/1/2016 5:45:00 PM	114300.000	18.852	16.183	42.467
40264.055	48418.129	31.699	32924.328	24.836
1.023				
1/1/2016 6:00:00 PM	115200.000	18.852	16.182	42.467
40288.852	48448.828	31.721	32945.207	24.821
1.023				
1/1/2016 6:15:00 PM	116100.000	18.852	16.183	42.465
40300.414	48462.055	31.731	32954.199	24.814
1.023				
1/1/2016 6:30:00 PM	117000.000	18.849	16.182	42.459
40275.684	48432.594	31.709	32934.164	24.829
1.023				
1/1/2016 6:45:00 PM	117900.000	18.846	16.183	42.453
40294.867	48455.387	31.726	32949.664	24.817
1.023				
1/1/2016 7:00:00 PM	118800.000	18.843	16.183	42.445
40285.891	48443.988	31.718	32941.918	24.823
1.023				
1/1/2016 7:15:00 PM	119700.000	18.841	16.182	42.441
40294.883	48455.684	31.726	32949.863	24.817
1.023				
1/1/2016 7:30:00 PM	120600.000	18.839	16.182	42.436

40327.086	48494.406	31.754	32976.195	24.797
1.023				
1/1/2016 7:45:00 PM	121500.000	18.827	16.182	42.410
40324.148	48491.273	31.752	32974.066	24.799
1.023				
1/1/2016 8:00:00 PM	122400.000	18.829	16.182	42.414
40299.234	48461.207	31.730	32953.621	24.814
1.023				
1/1/2016 8:15:00 PM	123300.000	18.817	16.182	42.388
40295.508	48457.328	31.727	32950.984	24.817
1.023				
1/1/2016 8:30:00 PM	124200.000	18.818	16.182	42.388
40308.672	48472.758	31.739	32961.480	24.809
1.023				
1/1/2016 8:45:00 PM	125100.000	18.812	16.182	42.375
40323.516	48490.609	31.752	32973.613	24.799
1.023				
1/1/2016 9:00:00 PM	126000.000	18.809	16.182	42.370
40314.551	48479.734	31.744	32966.223	24.805
1.023				
1/1/2016 9:15:00 PM	126900.000	18.804	16.183	42.357
40328.117	48495.164	31.755	32976.711	24.797
1.023				
1/1/2016 9:30:00 PM	127800.000	18.798	16.182	42.345
40327.477	48495.660	31.755	32977.051	24.797
1.023				
1/1/2016 9:45:00 PM	128700.000	18.797	16.182	42.343
40277.938	48435.992	31.712	32936.477	24.827
1.023				
1/1/2016 10:00:00 PM	129600.000	18.791	16.182	42.329
40304.844	48467.867	31.735	32958.148	24.811
1.023				
1/1/2016 10:15:00 PM	130500.000	18.784	16.182	42.313
40283.746	48442.691	31.717	32941.031	24.824
1.023				
1/1/2016 10:30:00 PM	131400.000	18.787	16.183	42.320
40321.465	48486.766	31.749	32971.000	24.801
1.023				
1/1/2016 10:45:00 PM	132300.000	18.784	16.182	42.313
40308.879	48472.719	31.739	32961.453	24.808
1.023				
1/1/2016 11:00:00 PM	133200.000	18.781	16.181	42.306
40310.148	48475.223	31.740	32963.152	24.808
1.023				
1/1/2016 11:15:00 PM	134100.000	18.770	16.182	42.281
40314.043	48479.504	31.744	32966.063	24.805
1.023				
1/1/2016 11:30:00 PM	135000.000	18.771	16.182	42.284
40330.730	48498.996	31.758	32979.316	24.795
1.023				
1/1/2016 11:45:00 PM	135900.000	18.769	16.182	42.279
40296.500	48458.227	31.728	32951.594	24.816
1.023				
1/2/2016 12:00:00 AM	136800.000	18.767	16.182	42.274
40335.699	48504.676	31.762	32983.180	24.792
1.023				
1/2/2016 12:15:00 AM	137700.000	18.767	16.182	42.274

40347.035	48518.309	31.772	32992.449	24.785
1.023				
1/2/2016 12:30:00 AM	138600.000	18.770	16.182	42.281
40307.852	48471.383	31.738	32960.539	24.809
1.023				
1/2/2016 12:45:00 AM	139500.000	18.761	16.182	42.262
40305.875	48468.813	31.736	32958.793	24.810
1.023				
1/2/2016 1:00:00 AM	140400.000	18.764	16.182	42.267
40281.043	48439.039	31.714	32938.551	24.826
1.023				
1/2/2016 1:15:00 AM	141300.000	18.764	16.182	42.267
40270.766	48427.082	31.705	32930.422	24.832
1.023				
1/2/2016 1:30:00 AM	142200.000	18.765	16.182	42.271
40307.207	48470.707	31.737	32960.082	24.809
1.023				
1/2/2016 1:45:00 AM	143100.000	18.767	16.182	42.275
40300.461	48463.078	31.732	32954.895	24.814
1.023				
1/2/2016 2:00:00 AM	144000.000	18.767	16.182	42.275
40350.336	48522.766	31.775	32995.484	24.783
1.023				
1/2/2016 2:15:00 AM	144900.000	18.767	16.182	42.275
40328.352	48496.137	31.756	32977.375	24.796
1.023				
1/2/2016 2:30:00 AM	145800.000	18.770	16.182	42.282
40307.555	48471.703	31.738	32960.758	24.809
1.023				
1/2/2016 2:45:00 AM	146700.000	18.774	16.182	42.291
40288.074	48447.301	31.720	32944.164	24.821
1.023				
1/2/2016 3:00:00 AM	147600.000	18.777	16.182	42.296
40302.668	48465.148	31.733	32956.301	24.812
1.023				
1/2/2016 3:15:00 AM	148500.000	18.787	16.182	42.320
40319.582	48485.383	31.748	32970.063	24.802
1.023				
1/2/2016 3:30:00 AM	149400.000	18.792	16.182	42.332
40327.520	48495.422	31.755	32976.887	24.797
1.023				
1/2/2016 3:45:00 AM	150300.000	18.795	16.181	42.338
40317.918	48484.660	31.747	32969.570	24.803
1.023				
1/2/2016 4:00:00 AM	151200.000	18.805	16.182	42.360
40322.391	48489.449	31.751	32972.824	24.800
1.023				
1/2/2016 4:15:00 AM	152100.000	18.810	16.182	42.371
40328.531	48496.438	31.756	32977.582	24.796
1.023				
1/2/2016 4:30:00 AM	153000.000	18.813	16.182	42.378
40318.902	48484.773	31.747	32969.645	24.802
1.023				
1/2/2016 4:45:00 AM	153900.000	18.819	16.182	42.393
40313.688	48478.789	31.743	32965.578	24.805
1.023				
1/2/2016 5:00:00 AM	154800.000	18.826	16.181	42.408

40304.699	48468.668	31.736	32958.699	24.811
1.023				
1/2/2016 5:15:00 AM	155700.000	18.838	16.181	42.435
40338.773	48509.543	31.765	32986.488	24.790
1.023				
1/2/2016 5:30:00 AM	156600.000	18.843	16.181	42.445
40329.984	48498.875	31.758	32979.238	24.795
1.023				
1/2/2016 5:45:00 AM	157500.000	18.846	16.181	42.452
40289.664	48450.781	31.723	32946.531	24.820
1.023				
1/2/2016 6:00:00 AM	158400.000	18.852	16.181	42.467
40289.117	48450.211	31.722	32946.148	24.821
1.023				
1/2/2016 6:15:00 AM	159300.000	18.862	16.181	42.488
40295.691	48458.117	31.728	32951.523	24.817
1.023				
1/2/2016 6:30:00 AM	160200.000	18.876	16.180	42.521
40315.234	48482.406	31.746	32968.035	24.805
1.023				
1/2/2016 6:45:00 AM	161100.000	18.887	16.180	42.544
40326.551	48496.621	31.756	32977.703	24.798
1.023				
1/2/2016 7:00:00 AM	162000.000	18.894	16.180	42.561
40326.355	48496.184	31.756	32977.410	24.798
1.023				
1/2/2016 7:15:00 AM	162900.000	18.904	16.180	42.584
40315.984	48483.805	31.747	32968.992	24.804
1.023				
1/2/2016 7:30:00 AM	163800.000	18.903	16.180	42.581
40309.270	48475.922	31.741	32963.629	24.808
1.023				
1/2/2016 7:45:00 AM	164700.000	18.910	16.179	42.597
40336.555	48509.035	31.765	32986.145	24.791
1.023				
1/2/2016 8:00:00 AM	165600.000	18.915	16.179	42.609
40295.949	48460.402	31.729	32953.074	24.816
1.023				
1/2/2016 8:15:00 AM	166500.000	18.920	16.179	42.619
40327.016	48497.863	31.757	32978.551	24.797
1.023				
1/2/2016 8:30:00 AM	167400.000	18.927	16.179	42.636
40341.125	48514.734	31.769	32990.020	24.789
1.023				
1/2/2016 8:45:00 AM	168300.000	18.931	16.179	42.645
40316.391	48485.668	31.748	32970.258	24.804
1.023				
1/2/2016 9:00:00 AM	169200.000	18.930	16.180	42.643
40347.367	48521.844	31.774	32994.859	24.785
1.023				
1/2/2016 9:15:00 AM	170100.000	18.940	16.178	42.663
40355.133	48533.230	31.783	33002.598	24.780
1.023				
1/2/2016 9:30:00 AM	171000.000	18.946	16.178	42.678
40327.801	48500.359	31.759	32980.246	24.797
1.023				
1/2/2016 9:45:00 AM	171900.000	18.950	16.178	42.687

40321.070	48491.969	31.752	32974.539	24.801
1.023				
1/2/2016 10:00:00 AM	172800.000	18.954	16.178	42.695
40284.234	48447.871	31.720	32944.555	24.824
1.023				
1/2/2016 10:15:00 AM	173700.000	18.958	16.177	42.706
40311.816	48481.832	31.745	32967.648	24.807
1.023				
1/2/2016 10:30:00 AM	174600.000	18.959	16.177	42.707
40325.016	48497.801	31.757	32978.504	24.799
1.023				
1/2/2016 10:45:00 AM	175500.000	18.962	16.177	42.714
40333.227	48507.293	31.764	32984.961	24.793
1.023				
1/2/2016 11:00:00 AM	176400.000	18.962	16.177	42.715
40338.867	48514.758	31.769	32990.035	24.790
1.023				
1/2/2016 11:15:00 AM	177300.000	18.965	16.177	42.720
40352.836	48531.652	31.781	33001.527	24.781
1.023				
1/2/2016 11:30:00 AM	178200.000	18.968	16.177	42.726
40335.484	48510.391	31.766	32987.066	24.792
1.023				
1/2/2016 11:45:00 AM	179100.000	18.964	16.176	42.719
40324.289	48497.520	31.756	32978.313	24.799
1.023				
1/2/2016 12:00:00 PM	180000.000	18.968	16.177	42.726
40326.211	48499.434	31.758	32979.613	24.798
1.023				
1/2/2016 12:15:00 PM	180900.000	18.969	16.176	42.729
40330.289	48504.840	31.762	32983.297	24.795
1.023				
1/2/2016 12:30:00 PM	181800.000	18.966	16.176	42.724
40341.043	48518.453	31.772	32992.551	24.789
1.023				
1/2/2016 12:45:00 PM	182700.000	18.961	16.176	42.711
40321.410	48494.258	31.754	32976.098	24.801
1.023				
1/2/2016 1:00:00 PM	183600.000	18.958	16.176	42.704
40323.008	48496.277	31.755	32977.469	24.800
1.023				
1/2/2016 1:15:00 PM	184500.000	18.954	16.176	42.696
40335.074	48510.691	31.766	32987.270	24.792
1.023				
1/2/2016 1:30:00 PM	185400.000	18.944	16.176	42.673
40375.715	48560.152	31.802	33020.906	24.767
1.023				
1/2/2016 1:45:00 PM	186300.000	18.938	16.176	42.660
40339.629	48516.551	31.770	32991.258	24.790
1.023				
1/2/2016 2:00:00 PM	187200.000	18.934	16.176	42.651
40335.316	48511.363	31.766	32987.727	24.792
1.023				
1/2/2016 2:15:00 PM	188100.000	18.927	16.176	42.636
40323.523	48497.086	31.756	32978.020	24.799
1.023				
1/2/2016 2:30:00 PM	189000.000	18.925	16.176	42.630

40321.016	48494.367	31.754	32976.172	24.801
1.023				
1/2/2016 2:45:00 PM	189900.000	18.925	16.176	42.630
40311.313	48482.789	31.746	32968.301	24.807
1.023				
1/2/2016 3:00:00 PM	190800.000	18.915	16.176	42.607
40317.297	48489.691	31.751	32972.992	24.803
1.023				
1/2/2016 3:15:00 PM	191700.000	18.914	16.175	42.606
40322.500	48496.543	31.756	32977.648	24.800
1.023				
1/2/2016 3:30:00 PM	192600.000	18.917	16.175	42.612
40330.969	48506.813	31.763	32984.633	24.795
1.023				
1/2/2016 3:45:00 PM	193500.000	18.912	16.176	42.601
40351.285	48530.770	31.781	33000.922	24.782
1.023				
1/2/2016 4:00:00 PM	194400.000	18.907	16.176	42.591
40362.793	48544.316	31.790	33010.141	24.775
1.023				
1/2/2016 4:15:00 PM	195300.000	18.908	16.176	42.592
40344.742	48522.996	31.775	32995.641	24.786
1.023				
1/2/2016 4:30:00 PM	196200.000	18.908	16.176	42.592
40343.957	48522.246	31.774	32995.129	24.787
1.023				
1/2/2016 4:45:00 PM	197100.000	18.905	16.175	42.586
40316.582	48489.426	31.750	32972.809	24.804
1.023				
1/2/2016 5:00:00 PM	198000.000	18.910	16.175	42.596
40340.027	48517.820	31.771	32992.117	24.789
1.023				
1/2/2016 5:15:00 PM	198900.000	18.903	16.175	42.581
40343.699	48522.617	31.775	32995.379	24.787
1.023				
1/2/2016 5:30:00 PM	199800.000	18.903	16.176	42.580
40344.867	48523.340	31.775	32995.871	24.786
1.023				
1/2/2016 5:45:00 PM	200700.000	18.907	16.176	42.589
40326.199	48500.891	31.759	32980.605	24.798
1.023				
1/2/2016 6:00:00 PM	201600.000	18.903	16.175	42.580
40327.625	48502.902	31.760	32981.977	24.797
1.023				
1/2/2016 6:15:00 PM	202500.000	18.901	16.175	42.575
40363.262	48545.957	31.792	33011.254	24.775
1.023				
1/2/2016 6:30:00 PM	203400.000	18.906	16.175	42.587
40345.441	48524.137	31.776	32996.414	24.786
1.023				
1/2/2016 6:45:00 PM	204300.000	18.907	16.174	42.589
40348.320	48528.965	31.779	32999.699	24.784
1.023				
1/2/2016 7:00:00 PM	205200.000	18.908	16.175	42.592
40350.223	48530.277	31.780	33000.590	24.783
1.023				
1/2/2016 7:15:00 PM	206100.000	18.898	16.175	42.568

40331.785 1.023	48508.203	31.764	32985.582	24.794
1/2/2016 7:30:00 PM 40355.340 1.023	207000.000 48537.113	18.899 31.785	16.174 33005.242	42.571 24.780
1/2/2016 7:45:00 PM 40364.184 1.023	207900.000 48547.066	18.897 31.792	16.175 33012.004	42.567 24.774
1/2/2016 8:00:00 PM 40359.211 1.023	208800.000 48541.770	18.897 31.789	16.174 33008.402	42.568 24.777
1/2/2016 8:15:00 PM 40351.328 1.023	209700.000 48531.793	18.890 31.781	16.175 33001.621	42.553 24.782
1/2/2016 8:30:00 PM 40386.750 1.023	210600.000 48574.691	18.886 31.813	16.175 33030.793	42.543 24.761
1/2/2016 8:45:00 PM 40340.184 1.023	211500.000 48518.203	18.877 31.771	16.175 32992.383	42.523 24.789
1/2/2016 9:00:00 PM 40334.785 1.023	212400.000 48513.375	18.882 31.768	16.174 32989.094	42.534 24.792
1/2/2016 9:15:00 PM 40332.309 1.023	213300.000 48509.914	18.880 31.765	16.174 32986.742	42.530 24.794
1/2/2016 9:30:00 PM 40369.602 1.023	214200.000 48554.473	18.879 31.798	16.174 33017.043	42.527 24.771
1/2/2016 9:45:00 PM 40356.898 1.023	215100.000 48539.191	18.874 31.787	16.174 33006.652	42.516 24.779
1/2/2016 10:00:00 PM 40360.801 1.023	216000.000 48544.574	18.871 31.791	16.174 33010.316	42.510 24.777
1/2/2016 10:15:00 PM 40356.449 1.023	216900.000 48538.250	18.871 31.786	16.175 33006.012	42.508 24.779
1/2/2016 10:30:00 PM 40341.445 1.023	217800.000 48520.313	18.864 31.773	16.175 32993.813	42.492 24.788
1/2/2016 10:45:00 PM 40344.250 1.023	218700.000 48524.965	18.857 31.776	16.173 32996.980	42.478 24.787
1/2/2016 11:00:00 PM 40366.117 1.023	219600.000 48550.867	18.857 31.795	16.174 33014.590	42.478 24.773
1/2/2016 11:15:00 PM 40332.078 1.023	220500.000 48509.430	18.855 31.765	16.174 32986.414	42.472 24.794
1/2/2016 11:30:00 PM 40352.676 1.023	221400.000 48534.699	18.850 31.783	16.174 33003.602	42.462 24.782
1/2/2016 11:45:00 PM 40312.719 1.023	222300.000 48486.445	18.853 31.748	16.174 32970.785	42.469 24.806
1/3/2016 12:00:00 AM	223200.000	18.851	16.174	42.464

40357.234	48539.891	31.787	33007.125	24.779
1.023				
1/3/2016 12:15:00 AM	224100.000	18.846	16.174	42.452
40333.383	48511.000	31.766	32987.480	24.793
1.023				
1/3/2016 12:30:00 AM	225000.000	18.845	16.174	42.451
40317.105	48492.020	31.752	32974.574	24.803
1.023				
1/3/2016 12:45:00 AM	225900.000	18.846	16.174	42.452
40315.066	48488.969	31.750	32972.500	24.805
1.023				
1/3/2016 1:00:00 AM	226800.000	18.841	16.174	42.442
40345.730	48526.449	31.777	32997.984	24.786
1.023				
1/3/2016 1:15:00 AM	227700.000	18.843	16.174	42.446
40362.387	48546.293	31.792	33011.480	24.776
1.023				
1/3/2016 1:30:00 AM	228600.000	18.838	16.173	42.436
40353.184	48535.902	31.784	33004.418	24.781
1.023				
1/3/2016 1:45:00 AM	229500.000	18.838	16.174	42.435
40365.125	48549.590	31.794	33013.727	24.774
1.023				
1/3/2016 2:00:00 AM	230400.000	18.837	16.175	42.431
40340.820	48519.563	31.772	32993.305	24.789
1.023				
1/3/2016 2:15:00 AM	231300.000	18.837	16.174	42.432
40370.309	48555.906	31.799	33018.016	24.771
1.023				
1/3/2016 2:30:00 AM	232200.000	18.843	16.173	42.446
40363.141	48547.684	31.793	33012.430	24.775
1.023				
1/3/2016 2:45:00 AM	233100.000	18.845	16.173	42.451
40337.152	48516.621	31.770	32991.301	24.791
1.023				
1/3/2016 3:00:00 AM	234000.000	18.851	16.174	42.463
40322.184	48498.129	31.757	32978.730	24.800
1.023				
1/3/2016 3:15:00 AM	234900.000	18.855	16.174	42.473
40353.355	48535.621	31.784	33004.223	24.781
1.023				
1/3/2016 3:30:00 AM	235800.000	18.861	16.173	42.486
40352.223	48534.750	31.783	33003.633	24.782
1.023				
1/3/2016 3:45:00 AM	236700.000	18.859	16.174	42.482
40367.203	48551.586	31.796	33015.078	24.773
1.023				
1/3/2016 4:00:00 AM	237600.000	18.870	16.173	42.507
40331.270	48510.129	31.765	32986.891	24.795
1.023				
1/3/2016 4:15:00 AM	238500.000	18.875	16.172	42.517
40352.191	48535.777	31.784	33004.328	24.782
1.023				
1/3/2016 4:30:00 AM	239400.000	18.890	16.173	42.553
40344.281	48525.691	31.777	32997.473	24.787
1.023				
1/3/2016 4:45:00 AM	240300.000	18.894	16.174	42.561

40348.590	48529.980	31.780	33000.391	24.784
1.023				
1/3/2016 5:00:00 AM	241200.000	18.901	16.173	42.576
40320.184	48496.594	31.755	32977.684	24.801
1.023				
1/3/2016 5:15:00 AM	242100.000	18.905	16.172	42.586
40349.859	48532.969	31.782	33002.418	24.783
1.023				
1/3/2016 5:30:00 AM	243000.000	18.917	16.172	42.612
40329.242	48507.984	31.764	32985.434	24.796
1.023				
1/3/2016 5:45:00 AM	243900.000	18.918	16.172	42.615
40375.148	48563.199	31.804	33022.980	24.768
1.023				
1/3/2016 6:00:00 AM	244800.000	18.929	16.172	42.640
40346.453	48529.273	31.779	32999.910	24.785
1.023				
1/3/2016 6:15:00 AM	245700.000	18.934	16.172	42.650
40378.367	48567.566	31.807	33025.949	24.766
1.023				
1/3/2016 6:30:00 AM	246600.000	18.946	16.172	42.677
40385.719	48576.895	31.814	33032.293	24.761
1.023				
1/3/2016 6:45:00 AM	247500.000	18.946	16.171	42.678
40370.176	48558.391	31.800	33019.707	24.771
1.023				
1/3/2016 7:00:00 AM	248400.000	18.948	16.172	42.683
40332.836	48512.988	31.767	32988.836	24.794
1.023				
1/3/2016 7:15:00 AM	249300.000	18.962	16.171	42.714
40352.602	48537.461	31.785	33005.473	24.782
1.023				
1/3/2016 7:30:00 AM	250200.000	18.977	16.171	42.748
40341.379	48524.156	31.775	32996.426	24.788
1.023				
1/3/2016 7:45:00 AM	251100.000	18.985	16.170	42.765
40342.578	48526.285	31.777	32997.875	24.788
1.023				
1/3/2016 8:00:00 AM	252000.000	18.993	16.171	42.784
40354.949	48540.676	31.787	33007.660	24.780
1.023				
1/3/2016 8:15:00 AM	252900.000	19.004	16.171	42.809
40335.770	48517.801	31.771	32992.105	24.792
1.023				
1/3/2016 8:30:00 AM	253800.000	19.014	16.170	42.830
40342.242	48526.070	31.777	32997.727	24.788
1.023				
1/3/2016 8:45:00 AM	254700.000	19.014	16.169	42.831
40360.879	48549.477	31.794	33013.645	24.776
1.023				
1/3/2016 9:00:00 AM	255600.000	19.024	16.170	42.854
40365.441	48554.664	31.798	33017.172	24.774
1.023				
1/3/2016 9:15:00 AM	256500.000	19.026	16.169	42.857
40376.945	48568.801	31.808	33026.785	24.767
1.023				
1/3/2016 9:30:00 AM	257400.000	19.029	16.168	42.866

40325.035	48507.336	31.763	32984.988	24.798
1.023				
1/3/2016 9:45:00 AM	258300.000	19.037	16.168	42.883
40357.738	48547.664	31.792	33012.414	24.778
1.023				
1/3/2016 10:00:00 AM	259200.000	19.038	16.170	42.884
40378.801	48570.828	31.809	33028.164	24.765
1.023				
1/3/2016 10:15:00 AM	260100.000	19.043	16.168	42.896
40365.070	48556.574	31.799	33018.473	24.774
1.023				
1/3/2016 10:30:00 AM	261000.000	19.048	16.167	42.906
40358.992	48549.461	31.794	33013.633	24.778
1.023				
1/3/2016 10:45:00 AM	261900.000	19.053	16.167	42.918
40396.117	48594.621	31.827	33044.348	24.755
1.023				
1/3/2016 11:00:00 AM	262800.000	19.056	16.167	42.925
40357.707	48548.109	31.793	33012.719	24.778
1.023				
1/3/2016 11:15:00 AM	263700.000	19.062	16.166	42.938
40376.320	48571.488	31.810	33028.613	24.767
1.023				
1/3/2016 11:30:00 AM	264600.000	19.063	16.167	42.941
40380.398	48575.984	31.813	33031.668	24.764
1.023				
1/3/2016 11:45:00 AM	265500.000	19.066	16.166	42.949
40364.898	48557.836	31.800	33019.328	24.774
1.023				
1/3/2016 12:00:00 PM	266400.000	19.063	16.166	42.941
40377.570	48573.078	31.811	33029.699	24.766
1.023				
1/3/2016 12:15:00 PM	267300.000	19.064	16.166	42.944
40357.738	48549.723	31.794	33013.813	24.778
1.023				
1/3/2016 12:30:00 PM	268200.000	19.067	16.166	42.951
40345.324	48534.492	31.783	33003.457	24.786
1.023				
1/3/2016 12:45:00 PM	269100.000	19.066	16.165	42.947
40353.457	48545.066	31.790	33010.648	24.781
1.023				
1/3/2016 1:00:00 PM	270000.000	19.060	16.166	42.934
40362.219	48555.301	31.798	33017.609	24.776
1.023				
1/3/2016 1:15:00 PM	270900.000	19.055	16.166	42.923
40391.242	48590.027	31.823	33041.223	24.758
1.023				
1/3/2016 1:30:00 PM	271800.000	19.049	16.166	42.909
40341.625	48530.434	31.780	33000.699	24.788
1.023				
1/3/2016 1:45:00 PM	272700.000	19.047	16.166	42.906
40373.570	48569.059	31.808	33026.961	24.769
1.023				
1/3/2016 2:00:00 PM	273600.000	19.037	16.165	42.883
40335.785	48523.707	31.775	32996.125	24.792
1.023				
1/3/2016 2:15:00 PM	274500.000	19.029	16.165	42.866

40335.906	48524.047	31.775	32996.352	24.792
1.023				
1/3/2016 2:30:00 PM	275400.000	19.024	16.165	42.854
40339.652	48528.652	31.778	32999.484	24.790
1.023				
1/3/2016 2:45:00 PM	276300.000	19.024	16.166	42.854
40350.832	48541.414	31.788	33008.164	24.783
1.023				
1/3/2016 3:00:00 PM	277200.000	19.018	16.165	42.840
40364.250	48558.051	31.800	33019.477	24.774
1.023				
1/3/2016 3:15:00 PM	278100.000	19.016	16.165	42.834
40368.938	48563.883	31.804	33023.441	24.772
1.023				
1/3/2016 3:30:00 PM	279000.000	19.013	16.165	42.829
40345.832	48536.777	31.784	33005.008	24.786
1.023				
1/3/2016 3:45:00 PM	279900.000	19.010	16.165	42.821
40352.563	48544.578	31.790	33010.316	24.782
1.023				
1/3/2016 4:00:00 PM	280800.000	19.008	16.165	42.817
40342.559	48532.238	31.781	33001.922	24.788
1.023				
1/3/2016 4:15:00 PM	281700.000	19.005	16.165	42.811
40397.961	48598.605	31.829	33047.051	24.754
1.023				
1/3/2016 4:30:00 PM	282600.000	19.003	16.165	42.807
40361.809	48555.395	31.798	33017.668	24.776
1.023				
1/3/2016 4:45:00 PM	283500.000	19.004	16.165	42.809
40394.277	48594.453	31.826	33044.227	24.756
1.023				
1/3/2016 5:00:00 PM	284400.000	19.004	16.164	42.809
40377.930	48575.477	31.812	33031.328	24.766
1.023				
1/3/2016 5:15:00 PM	285300.000	19.003	16.165	42.807
40385.754	48583.918	31.819	33037.066	24.761
1.023				
1/3/2016 5:30:00 PM	286200.000	19.003	16.165	42.805
40376.918	48573.879	31.811	33030.238	24.767
1.023				
1/3/2016 5:45:00 PM	287100.000	19.004	16.164	42.808
40404.969	48608.008	31.836	33053.449	24.749
1.023				
1/3/2016 6:00:00 PM	288000.000	19.008	16.164	42.817
40391.703	48592.047	31.825	33042.594	24.758
1.023				
1/3/2016 6:15:00 PM	288900.000	19.008	16.165	42.817
40374.793	48571.414	31.810	33028.563	24.768
1.023				
1/3/2016 6:30:00 PM	289800.000	19.008	16.165	42.818
40383.090	48581.305	31.817	33035.289	24.763
1.023				
1/3/2016 6:45:00 PM	290700.000	19.013	16.164	42.829
40361.594	48555.926	31.798	33018.031	24.776
1.023				
1/3/2016 7:00:00 PM	291600.000	19.013	16.164	42.829

40364.504	48559.527	31.801	33020.480	24.774
1.023				
1/3/2016 7:15:00 PM	292500.000	19.016	16.164	42.834
40392.379	48592.859	31.825	33043.145	24.757
1.023				
1/3/2016 7:30:00 PM	293400.000	19.021	16.164	42.847
40409.125	48613.602	31.840	33057.250	24.747
1.023				
1/3/2016 7:45:00 PM	294300.000	19.017	16.164	42.837
40384.199	48583.699	31.818	33036.914	24.762
1.023				
1/3/2016 8:00:00 PM	295200.000	19.026	16.164	42.859
40407.688	48611.773	31.839	33056.012	24.748
1.023				
1/3/2016 8:15:00 PM	296100.000	19.022	16.163	42.848
40384.027	48583.902	31.819	33037.055	24.762
1.023				
1/3/2016 8:30:00 PM	297000.000	19.022	16.164	42.848
40347.766	48539.867	31.786	33007.109	24.785
1.023				
1/3/2016 8:45:00 PM	297900.000	19.026	16.164	42.857
40388.719	48589.344	31.823	33040.758	24.759
1.023				
1/3/2016 9:00:00 PM	298800.000	19.023	16.163	42.851
40415.605	48622.379	31.847	33063.223	24.743
1.023				
1/3/2016 9:15:00 PM	299700.000	19.026	16.163	42.859
40361.410	48556.984	31.799	33018.754	24.776
1.023				
1/3/2016 9:30:00 PM	300600.000	19.026	16.163	42.857
40367.953	48565.641	31.805	33024.641	24.772
1.023				
1/3/2016 9:45:00 PM	301500.000	19.026	16.163	42.857
40372.754	48570.926	31.809	33028.234	24.769
1.023				
1/3/2016 10:00:00 PM	302400.000	19.023	16.163	42.851
40394.422	48596.895	31.828	33045.887	24.756
1.023				
1/3/2016 10:15:00 PM	303300.000	19.020	16.163	42.845
40384.145	48585.023	31.819	33037.820	24.762
1.023				
1/3/2016 10:30:00 PM	304200.000	19.018	16.163	42.840
40363.621	48560.230	31.801	33020.957	24.775
1.023				
1/3/2016 10:45:00 PM	305100.000	19.017	16.163	42.837
40379.090	48578.449	31.815	33033.348	24.765
1.023				
1/3/2016 11:00:00 PM	306000.000	19.010	16.163	42.822
40357.020	48552.090	31.795	33015.422	24.779
1.023				
1/3/2016 11:15:00 PM	306900.000	19.007	16.162	42.815
40355.660	48551.340	31.795	33014.910	24.780
1.023				
1/3/2016 11:30:00 PM	307800.000	19.007	16.162	42.815
40362.688	48559.406	31.801	33020.402	24.775
1.023				
1/3/2016 11:45:00 PM	308700.000	18.998	16.162	42.794

40397.324	48601.559	31.831	33049.063	24.754
1.023				
1/4/2016 12:00:00 AM	309600.000	18.997	16.162	42.793
40369.430	48567.723	31.807	33026.051	24.771
1.023				
1/4/2016 12:15:00 AM	310500.000	18.994	16.162	42.785
40414.859	48622.273	31.846	33063.145	24.743
1.023				
1/4/2016 12:30:00 AM	311400.000	18.988	16.162	42.773
40379.387	48580.379	31.816	33034.656	24.765
1.023				
1/4/2016 12:45:00 AM	312300.000	18.987	16.162	42.769
40401.863	48606.637	31.835	33052.512	24.751
1.023				
1/4/2016 1:00:00 AM	313200.000	18.990	16.162	42.776
40379.414	48580.125	31.816	33034.484	24.765
1.023				
1/4/2016 1:15:00 AM	314100.000	18.986	16.162	42.767
40366.055	48564.137	31.804	33023.613	24.773
1.023				
1/4/2016 1:30:00 AM	315000.000	18.985	16.162	42.765
40355.121	48551.094	31.794	33014.742	24.780
1.023				
1/4/2016 1:45:00 AM	315900.000	18.987	16.163	42.769
40411.691	48618.258	31.844	33060.418	24.745
1.023				
1/4/2016 2:00:00 AM	316800.000	18.990	16.162	42.777
40407.602	48614.125	31.840	33057.605	24.748
1.023				
1/4/2016 2:15:00 AM	317700.000	18.990	16.162	42.777
40346.004	48539.434	31.786	33006.816	24.786
1.023				
1/4/2016 2:30:00 AM	318600.000	18.992	16.162	42.780
40386.230	48588.117	31.822	33039.926	24.761
1.023				
1/4/2016 2:45:00 AM	319500.000	18.994	16.162	42.785
40372.289	48571.840	31.810	33028.855	24.769
1.023				
1/4/2016 3:00:00 AM	320400.000	19.001	16.161	42.801
40419.117	48628.469	31.851	33067.359	24.741
1.023				
1/4/2016 3:15:00 AM	321300.000	19.007	16.161	42.815
40414.047	48622.855	31.847	33063.547	24.744
1.023				
1/4/2016 3:30:00 AM	322200.000	19.014	16.161	42.830
40400.895	48606.461	31.835	33052.395	24.752
1.023				
1/4/2016 3:45:00 AM	323100.000	19.022	16.162	42.848
40375.352	48575.430	31.812	33031.297	24.768
1.023				
1/4/2016 4:00:00 AM	324000.000	19.024	16.161	42.855
40412.754	48621.410	31.846	33062.563	24.745
1.023				
1/4/2016 4:15:00 AM	324900.000	19.035	16.161	42.879
40381.035	48583.336	31.818	33036.672	24.764
1.023				
1/4/2016 4:30:00 AM	325800.000	19.037	16.161	42.883

40382.301	48584.969	31.819	33037.781	24.763
1.023				
1/4/2016 4:45:00 AM	326700.000	19.048	16.161	42.907
40399.152	48605.047	31.834	33051.434	24.753
1.023				
1/4/2016 5:00:00 AM	327600.000	19.058	16.160	42.930
40389.098	48593.531	31.825	33043.602	24.759
1.023				
1/4/2016 5:15:00 AM	328500.000	19.062	16.160	42.939
40389.828	48594.809	31.826	33044.473	24.759
1.023				
1/4/2016 5:30:00 AM	329400.000	19.068	16.160	42.953
40400.879	48607.508	31.836	33053.109	24.752
1.023				
1/4/2016 5:45:00 AM	330300.000	19.075	16.160	42.968
40383.477	48587.270	31.821	33039.344	24.763
1.023				
1/4/2016 6:00:00 AM	331200.000	19.085	16.159	42.992
40380.328	48583.965	31.818	33037.098	24.765
1.023				
1/4/2016 6:15:00 AM	332100.000	19.089	16.160	43.000
40386.055	48590.660	31.823	33041.648	24.761
1.023				
1/4/2016 6:30:00 AM	333000.000	19.095	16.159	43.014
40414.105	48624.898	31.848	33064.930	24.744
1.023				
1/4/2016 6:45:00 AM	333900.000	19.107	16.159	43.040
40369.305	48570.809	31.809	33028.148	24.771
1.023				
1/4/2016 7:00:00 AM	334800.000	19.104	16.159	43.033
40368.660	48570.711	31.809	33028.082	24.772
1.023				
1/4/2016 7:15:00 AM	335700.000	19.114	16.159	43.056
40388.082	48593.883	31.826	33043.844	24.760
1.023				
1/4/2016 7:30:00 AM	336600.000	19.118	16.159	43.065
40391.645	48598.563	31.829	33047.023	24.758
1.023				
1/4/2016 7:45:00 AM	337500.000	19.123	16.159	43.077
40400.355	48608.848	31.836	33054.016	24.752
1.023				
1/4/2016 8:00:00 AM	338400.000	19.146	16.158	43.127
40415.406	48627.449	31.850	33066.664	24.743
1.023				
1/4/2016 8:15:00 AM	339300.000	19.162	16.157	43.164
40361.410	48563.762	31.803	33023.359	24.776
1.023				
1/4/2016 8:30:00 AM	340200.000	19.172	16.157	43.187
40411.102	48623.363	31.847	33063.887	24.746
1.023				
1/4/2016 8:45:00 AM	341100.000	19.185	16.157	43.215
40401.758	48612.504	31.839	33056.508	24.751
1.023				
1/4/2016 9:00:00 AM	342000.000	19.188	16.157	43.222
40394.777	48604.402	31.833	33050.996	24.756
1.023				
1/4/2016 9:15:00 AM	342900.000	19.200	16.156	43.250

40387.039	48595.867	31.827	33045.191	24.760
1.023				
1/4/2016 9:30:00 AM	343800.000	19.211	16.156	43.276
40420.430	48636.352	31.856	33072.719	24.740
1.023				
1/4/2016 9:45:00 AM	344700.000	19.219	16.156	43.293
40380.016	48587.723	31.821	33039.652	24.765
1.023				
1/4/2016 10:00:00 AM	345600.000	19.218	16.155	43.290
40389.770	48600.141	31.830	33048.098	24.759
1.023				
1/4/2016 10:15:00 AM	346500.000	19.229	16.155	43.315
40386.020	48596.215	31.827	33045.430	24.761
1.023				
1/4/2016 10:30:00 AM	347400.000	19.239	16.155	43.337
40386.254	48596.199	31.827	33045.414	24.761
1.023				
1/4/2016 10:45:00 AM	348300.000	19.241	16.154	43.342
40398.445	48611.465	31.838	33055.797	24.753
1.023				
1/4/2016 11:00:00 AM	349200.000	19.242	16.154	43.344
40402.484	48616.625	31.842	33059.309	24.751
1.023				
1/4/2016 11:15:00 AM	350100.000	19.251	16.154	43.365
40416.422	48633.695	31.854	33070.914	24.742
1.023				
1/4/2016 11:30:00 AM	351000.000	19.250	16.153	43.363
40389.684	48602.297	31.831	33049.563	24.759
1.023				
1/4/2016 11:45:00 AM	351900.000	19.251	16.153	43.366
40388.922	48600.988	31.830	33048.672	24.759
1.023				
1/4/2016 12:00:00 PM	352800.000	19.253	16.153	43.370
40412.211	48629.703	31.851	33068.199	24.745
1.023				
1/4/2016 12:15:00 PM	353700.000	19.249	16.153	43.361
40431.230	48652.777	31.868	33083.895	24.733
1.023				
1/4/2016 12:30:00 PM	354600.000	19.250	16.152	43.363
40389.953	48603.402	31.832	33050.316	24.759
1.023				
1/4/2016 12:45:00 PM	355500.000	19.251	16.152	43.365
40426.973	48647.949	31.865	33080.609	24.736
1.023				
1/4/2016 1:00:00 PM	356400.000	19.246	16.152	43.353
40433.488	48656.586	31.871	33086.484	24.732
1.023				
1/4/2016 1:15:00 PM	357300.000	19.241	16.152	43.342
40418.395	48638.316	31.857	33074.055	24.741
1.023				
1/4/2016 1:30:00 PM	358200.000	19.242	16.151	43.343
40421.922	48643.070	31.861	33077.289	24.739
1.023				
1/4/2016 1:45:00 PM	359100.000	19.239	16.152	43.337
40379.383	48591.477	31.823	33042.207	24.765
1.023				
1/4/2016 2:00:00 PM	360000.000	19.237	16.152	43.334

40381.594	48594.230	31.825	33044.078	24.764
1.023				
1/4/2016 2:15:00 PM	360900.000	19.228	16.151	43.312
40424.727	48646.445	31.863	33079.582	24.737
1.023				
1/4/2016 2:30:00 PM	361800.000	19.224	16.152	43.303
40414.070	48633.414	31.854	33070.723	24.744
1.023				
1/4/2016 2:45:00 PM	362700.000	19.223	16.152	43.302
40389.734	48604.027	31.832	33050.738	24.759
1.023				
1/4/2016 3:00:00 PM	363600.000	19.215	16.152	43.285
40442.852	48668.051	31.879	33094.277	24.726
1.023				
1/4/2016 3:15:00 PM	364500.000	19.214	16.151	43.282
40401.621	48618.535	31.843	33060.609	24.751
1.023				
1/4/2016 3:30:00 PM	365400.000	19.213	16.151	43.278
40381.262	48594.531	31.825	33044.281	24.764
1.023				
1/4/2016 3:45:00 PM	366300.000	19.212	16.151	43.277
40414.836	48634.934	31.855	33071.754	24.743
1.023				
1/4/2016 4:00:00 PM	367200.000	19.204	16.151	43.258
40415.684	48635.953	31.856	33072.453	24.743
1.023				
1/4/2016 4:15:00 PM	368100.000	19.209	16.151	43.269
40392.551	48608.113	31.835	33053.516	24.757
1.023				
1/4/2016 4:30:00 PM	369000.000	19.198	16.151	43.246
40390.691	48606.074	31.834	33052.133	24.758
1.023				
1/4/2016 4:45:00 PM	369900.000	19.210	16.151	43.273
40410.848	48630.227	31.852	33068.559	24.746
1.023				
1/4/2016 5:00:00 PM	370800.000	19.198	16.152	43.246
40428.625	48650.547	31.866	33082.371	24.735
1.023				
1/4/2016 5:15:00 PM	371700.000	19.192	16.150	43.232
40389.512	48605.039	31.833	33051.426	24.759
1.023				
1/4/2016 5:30:00 PM	372600.000	19.197	16.151	43.243
40436.770	48661.422	31.874	33089.766	24.730
1.023				
1/4/2016 5:45:00 PM	373500.000	19.203	16.150	43.256
40406.836	48625.988	31.848	33065.672	24.748
1.023				
1/4/2016 6:00:00 PM	374400.000	19.199	16.151	43.248
40421.203	48642.977	31.861	33077.227	24.739
1.023				
1/4/2016 6:15:00 PM	375300.000	19.194	16.150	43.236
40433.000	48657.477	31.871	33087.086	24.732
1.023				
1/4/2016 6:30:00 PM	376200.000	19.199	16.150	43.248
40425.539	48648.691	31.865	33081.113	24.737
1.023				
1/4/2016 6:45:00 PM	377100.000	19.203	16.149	43.256

40432.930	48658.465	31.872	33087.762	24.732
1.023				
1/4/2016 7:00:00 PM	378000.000	19.201	16.150	43.253
40418.453	48640.070	31.859	33075.254	24.741
1.023				
1/4/2016 7:15:00 PM	378900.000	19.209	16.150	43.269
40417.746	48639.609	31.858	33074.938	24.742
1.023				
1/4/2016 7:30:00 PM	379800.000	19.209	16.150	43.270
40434.781	48660.109	31.873	33088.875	24.731
1.023				
1/4/2016 7:45:00 PM	380700.000	19.211	16.150	43.275
40403.836	48622.762	31.846	33063.477	24.750
1.023				
1/4/2016 8:00:00 PM	381600.000	19.213	16.149	43.278
40436.035	48662.117	31.875	33090.242	24.730
1.023				
1/4/2016 8:15:00 PM	382500.000	19.220	16.150	43.295
40386.492	48602.098	31.831	33049.426	24.761
1.023				
1/4/2016 8:30:00 PM	383400.000	19.220	16.150	43.295
40419.047	48641.469	31.860	33076.203	24.741
1.023				
1/4/2016 8:45:00 PM	384300.000	19.228	16.150	43.314
40434.336	48659.867	31.873	33088.711	24.731
1.023				
1/4/2016 9:00:00 PM	385200.000	19.230	16.149	43.318
40403.875	48623.500	31.846	33063.984	24.750
1.023				
1/4/2016 9:15:00 PM	386100.000	19.232	16.150	43.322
40436.035	48662.004	31.875	33090.164	24.730
1.023				
1/4/2016 9:30:00 PM	387000.000	19.226	16.149	43.308
40425.980	48650.504	31.866	33082.344	24.737
1.023				
1/4/2016 9:45:00 PM	387900.000	19.227	16.149	43.312
40437.270	48664.191	31.876	33091.656	24.730
1.023				
1/4/2016 10:00:00 PM	388800.000	19.230	16.149	43.319
40422.051	48645.773	31.863	33079.129	24.739
1.023				
1/4/2016 10:15:00 PM	389700.000	19.229	16.149	43.315
40447.660	48677.180	31.886	33100.488	24.723
1.023				
1/4/2016 10:30:00 PM	390600.000	19.229	16.148	43.315
40401.750	48622.727	31.846	33063.453	24.751
1.023				
1/4/2016 10:45:00 PM	391500.000	19.229	16.149	43.315
40417.383	48640.742	31.859	33075.707	24.742
1.023				
1/4/2016 11:00:00 PM	392400.000	19.226	16.148	43.308
40412.637	48635.434	31.855	33072.094	24.745
1.023				
1/4/2016 11:15:00 PM	393300.000	19.233	16.147	43.325
40446.711	48677.320	31.886	33100.578	24.724
1.023				
1/4/2016 11:30:00 PM	394200.000	19.227	16.148	43.310

40454.180	48686.020	31.892	33106.496	24.719
1.023				
1/4/2016 11:45:00 PM	395100.000	19.226	16.148	43.308
40417.602	48642.090	31.860	33076.621	24.742
1.023				
1/5/2016 12:00:00 AM	396000.000	19.223	16.147	43.302
40443.844	48673.770	31.883	33098.168	24.726
1.023				
1/5/2016 12:15:00 AM	396900.000	19.215	16.147	43.283
40414.707	48639.000	31.858	33074.520	24.743
1.023				
1/5/2016 12:30:00 AM	397800.000	19.224	16.147	43.305
40433.703	48661.664	31.874	33089.934	24.732
1.023				
1/5/2016 12:45:00 AM	398700.000	19.217	16.147	43.289
40401.102	48622.832	31.846	33063.531	24.752
1.023				
1/5/2016 1:00:00 AM	399600.000	19.214	16.147	43.282
40428.859	48656.434	31.870	33086.375	24.735
1.023				
1/5/2016 1:15:00 AM	400500.000	19.208	16.147	43.268
40452.969	48685.254	31.891	33105.977	24.720
1.023				
1/5/2016 1:30:00 AM	401400.000	19.211	16.146	43.276
40428.367	48656.223	31.870	33086.230	24.735
1.023				
1/5/2016 1:45:00 AM	402300.000	19.209	16.147	43.271
40436.164	48665.313	31.877	33092.414	24.730
1.023				
1/5/2016 2:00:00 AM	403200.000	19.211	16.147	43.274
40430.320	48657.789	31.871	33087.301	24.734
1.023				
1/5/2016 2:15:00 AM	404100.000	19.213	16.147	43.278
40452.785	48685.316	31.891	33106.020	24.720
1.023				
1/5/2016 2:30:00 AM	405000.000	19.216	16.146	43.285
40417.699	48643.582	31.861	33077.637	24.742
1.023				
1/5/2016 2:45:00 AM	405900.000	19.217	16.146	43.287
40448.844	48681.664	31.889	33103.535	24.723
1.023				
1/5/2016 3:00:00 AM	406800.000	19.226	16.146	43.309
40439.590	48670.125	31.880	33095.684	24.728
1.023				
1/5/2016 3:15:00 AM	407700.000	19.222	16.147	43.300
40399.699	48621.227	31.845	33062.434	24.753
1.023				
1/5/2016 3:30:00 AM	408600.000	19.224	16.146	43.305
40422.285	48649.297	31.865	33081.523	24.739
1.023				
1/5/2016 3:45:00 AM	409500.000	19.233	16.146	43.324
40433.074	48662.578	31.875	33090.559	24.732
1.023				
1/5/2016 4:00:00 AM	410400.000	19.237	16.146	43.334
40454.566	48688.738	31.894	33108.344	24.719
1.023				
1/5/2016 4:15:00 AM	411300.000	19.245	16.144	43.350

40420.445	48648.957	31.865	33081.297	24.740
1.023				
1/5/2016 4:30:00 AM	412200.000	19.248	16.145	43.357
40441.965	48674.066	31.883	33098.371	24.727
1.023				
1/5/2016 4:45:00 AM	413100.000	19.251	16.145	43.366
40431.762	48661.785	31.874	33090.016	24.733
1.023				
1/5/2016 5:00:00 AM	414000.000	19.263	16.145	43.392
40432.012	48662.582	31.875	33090.559	24.733
1.023				
1/5/2016 5:15:00 AM	414900.000	19.262	16.145	43.390
40408.871	48634.832	31.854	33071.691	24.747
1.023				
1/5/2016 5:30:00 AM	415800.000	19.276	16.145	43.421
40468.621	48706.449	31.907	33120.387	24.711
1.023				
1/5/2016 5:45:00 AM	416700.000	19.279	16.144	43.427
40431.953	48663.688	31.875	33091.309	24.733
1.023				
1/5/2016 6:00:00 AM	417600.000	19.291	16.144	43.456
40441.156	48674.270	31.883	33098.508	24.727
1.023				
1/5/2016 6:15:00 AM	418500.000	19.302	16.144	43.479
40447.574	48682.105	31.889	33103.832	24.723
1.023				
1/5/2016 6:30:00 AM	419400.000	19.304	16.144	43.483
40456.805	48693.402	31.897	33111.520	24.718
1.023				
1/5/2016 6:45:00 AM	420300.000	19.311	16.144	43.499
40441.883	48675.746	31.884	33099.512	24.727
1.023				
1/5/2016 7:00:00 AM	421200.000	19.320	16.144	43.520
40443.039	48677.031	31.885	33100.383	24.726
1.023				
1/5/2016 7:15:00 AM	422100.000	19.333	16.143	43.551
40409.961	48637.820	31.857	33073.719	24.746
1.023				
1/5/2016 7:30:00 AM	423000.000	19.340	16.142	43.564
40450.594	48687.707	31.893	33107.645	24.722
1.023				
1/5/2016 7:45:00 AM	423900.000	19.354	16.142	43.598
40423.797	48655.359	31.869	33085.648	24.738
1.023				
1/5/2016 8:00:00 AM	424800.000	19.366	16.142	43.624
40443.180	48679.371	31.887	33101.973	24.726
1.023				
1/5/2016 8:15:00 AM	425700.000	19.375	16.142	43.644
40438.234	48673.129	31.882	33097.730	24.729
1.023				
1/5/2016 8:30:00 AM	426600.000	19.394	16.141	43.686
40446.176	48683.480	31.890	33104.766	24.724
1.023				
1/5/2016 8:45:00 AM	427500.000	19.406	16.141	43.714
40447.004	48684.965	31.891	33105.777	24.724
1.023				
1/5/2016 9:00:00 AM	428400.000	19.421	16.140	43.747

40447.898	48686.930	31.892	33107.117	24.723
1.023				
1/5/2016 9:15:00 AM	429300.000	19.428	16.140	43.764
40415.938	48648.348	31.864	33080.875	24.743
1.023				
1/5/2016 9:30:00 AM	430200.000	19.440	16.140	43.791
40433.918	48670.289	31.880	33095.797	24.732
1.023				
1/5/2016 9:45:00 AM	431100.000	19.453	16.139	43.819
40423.496	48658.340	31.871	33087.672	24.738
1.023				
1/5/2016 10:00:00 AM	432000.000	19.460	16.139	43.836
40426.902	48663.133	31.875	33090.930	24.736
1.023				
1/5/2016 10:15:00 AM	432900.000	19.457	16.138	43.830
40455.867	48698.383	31.900	33114.902	24.718
1.023				
1/5/2016 10:30:00 AM	433800.000	19.466	16.139	43.849
40437.758	48676.387	31.884	33099.941	24.729
1.023				
1/5/2016 10:45:00 AM	434700.000	19.475	16.138	43.869
40409.910	48643.660	31.860	33077.691	24.746
1.023				
1/5/2016 11:00:00 AM	435600.000	19.484	16.137	43.891
40441.590	48682.289	31.889	33103.957	24.727
1.023				
1/5/2016 11:15:00 AM	436500.000	19.495	16.137	43.915
40438.105	48678.488	31.886	33101.371	24.729
1.023				
1/5/2016 11:30:00 AM	437400.000	19.494	16.137	43.912
40414.047	48649.926	31.865	33081.949	24.744
1.023				
1/5/2016 11:45:00 AM	438300.000	19.499	16.136	43.923
40444.746	48687.754	31.893	33107.672	24.725
1.023				
1/5/2016 12:00:00 PM	439200.000	19.499	16.136	43.924
40474.445	48723.414	31.919	33131.922	24.707
1.023				
1/5/2016 12:15:00 PM	440100.000	19.505	16.136	43.936
40454.953	48700.043	31.901	33116.031	24.719
1.023				
1/5/2016 12:30:00 PM	441000.000	19.508	16.135	43.944
40446.332	48690.840	31.895	33109.773	24.724
1.023				
1/5/2016 12:45:00 PM	441900.000	19.501	16.135	43.927
40452.563	48697.750	31.900	33114.473	24.720
1.023				
1/5/2016 1:00:00 PM	442800.000	19.505	16.134	43.938
40457.043	48704.230	31.904	33118.883	24.718
1.023				
1/5/2016 1:15:00 PM	443700.000	19.513	16.135	43.955
40458.527	48705.730	31.906	33119.898	24.717
1.023				
1/5/2016 1:30:00 PM	444600.000	19.510	16.134	43.949
40448.305	48694.309	31.897	33112.129	24.723
1.023				
1/5/2016 1:45:00 PM	445500.000	19.515	16.134	43.961

40416.207 1.023 1/5/2016 2:00:00 PM	48655.480 446400.000	31.869 19.522	33085.727 16.134	24.743 43.975
40457.082 1.023 1/5/2016 2:15:00 PM	48704.781 447300.000	31.905 19.513	33119.250 16.134	24.718 43.955
40462.746 1.023 1/5/2016 2:30:00 PM	48712.098 448200.000	31.910 19.514	33124.230 16.133	24.714 43.956
40460.773 1.023 1/5/2016 2:45:00 PM	48710.012 449100.000	31.909 19.513	33122.809 16.133	24.715 43.956
40456.930 1.023 1/5/2016 3:00:00 PM	48705.977 450000.000	31.906 19.513	33120.063 16.133	24.718 43.955
40439.145 1.023 1/5/2016 3:15:00 PM	48684.367 450900.000	31.890 19.513	33105.375 16.132	24.729 43.956
40450.914 1.023 1/5/2016 3:30:00 PM	48699.125 451800.000	31.901 19.516	33115.406 16.132	24.721 43.961
40461.945 1.023 1/5/2016 3:45:00 PM	48712.406 452700.000	31.910 19.517	33124.438 16.133	24.715 43.964
40468.066 1.023 1/5/2016 4:00:00 PM	48719.477 453600.000	31.915 19.513	33129.250 16.132	24.711 43.954
40432.340 1.023 1/5/2016 4:15:00 PM	48676.953 454500.000	31.884 19.519	33100.332 16.132	24.733 43.968
40469.137 1.023 1/5/2016 4:30:00 PM	48721.363 455400.000	31.917 19.515	33130.527 16.131	24.710 43.961
40450.457 1.023 1/5/2016 4:45:00 PM	48699.859 456300.000	31.901 19.514	33115.910 16.132	24.722 43.956
40495.730 1.023 1/5/2016 5:00:00 PM	48753.879 457200.000	31.941 19.521	33152.637 16.132	24.694 43.972
40446.777 1.023 1/5/2016 5:15:00 PM	48694.742 458100.000	31.897 19.511	33112.426 16.131	24.724 43.950
40465.387 1.023 1/5/2016 5:30:00 PM	48718.027 459000.000	31.914 19.525	33128.258 16.131	24.712 43.981
40476.180 1.023 1/5/2016 5:45:00 PM	48730.637 459900.000	31.924 19.513	33136.832 16.131	24.706 43.956
40457.746 1.023 1/5/2016 6:00:00 PM	48709.324 460800.000	31.908 19.523	33122.340 16.131	24.717 43.979
40442.848 1.023 1/5/2016 6:15:00 PM	48691.098 461700.000	31.895 19.526	33109.945 16.131	24.726 43.985
40491.727 1.023 1/5/2016 6:30:00 PM	48749.543 462600.000	31.937 19.535	33149.691 16.131	24.696 44.005

40492.109	48750.305	31.938	33150.207	24.696
1.023				
1/5/2016 6:45:00 PM	463500.000	19.537	16.130	44.008
40469.512	48724.363	31.919	33132.570	24.710
1.023				
1/5/2016 7:00:00 PM	464400.000	19.547	16.131	44.031
40444.699	48693.723	31.896	33111.734	24.725
1.023				
1/5/2016 7:15:00 PM	465300.000	19.541	16.130	44.018
40481.680	48738.629	31.929	33142.273	24.703
1.023				
1/5/2016 7:30:00 PM	466200.000	19.552	16.130	44.042
40445.355	48695.391	31.898	33112.871	24.725
1.023				
1/5/2016 7:45:00 PM	467100.000	19.563	16.129	44.067
40487.246	48746.219	31.935	33147.430	24.699
1.023				
1/5/2016 8:00:00 PM	468000.000	19.563	16.130	44.067
40461.664	48714.641	31.912	33125.957	24.715
1.023				
1/5/2016 8:15:00 PM	468900.000	19.569	16.129	44.081
40484.262	48742.730	31.932	33145.063	24.701
1.023				
1/5/2016 8:30:00 PM	469800.000	19.568	16.129	44.079
40443.297	48693.598	31.896	33111.648	24.726
1.023				
1/5/2016 8:45:00 PM	470700.000	19.580	16.129	44.106
40467.844	48723.355	31.918	33131.887	24.711
1.023				
1/5/2016 9:00:00 PM	471600.000	19.587	16.128	44.121
40434.094	48683.516	31.889	33104.789	24.732
1.023				
1/5/2016 9:15:00 PM	472500.000	19.595	16.129	44.140
40470.387	48726.508	31.920	33134.031	24.709
1.023				
1/5/2016 9:30:00 PM	473400.000	19.597	16.128	44.145
40475.977	48734.719	31.926	33139.609	24.706
1.023				
1/5/2016 9:45:00 PM	474300.000	19.614	16.128	44.182
40458.699	48713.820	31.911	33125.402	24.717
1.023				
1/5/2016 10:00:00 PM	475200.000	19.609	16.127	44.171
40492.055	48754.191	31.940	33152.855	24.696
1.023				
1/5/2016 10:15:00 PM	476100.000	19.622	16.127	44.201
40455.145	48710.039	31.908	33122.828	24.719
1.023				
1/5/2016 10:30:00 PM	477000.000	19.620	16.127	44.196
40467.492	48725.496	31.919	33133.340	24.711
1.023				
1/5/2016 10:45:00 PM	477900.000	19.628	16.127	44.213
40500.988	48766.016	31.949	33160.891	24.691
1.023				
1/5/2016 11:00:00 PM	478800.000	19.641	16.127	44.244
40485.832	48747.770	31.936	33148.488	24.700
1.023				
1/5/2016 11:15:00 PM	479700.000	19.642	16.126	44.246

40469.230	48728.570	31.922	33135.430	24.710
1.023				
1/5/2016 11:30:00 PM	480600.000	19.646	16.126	44.254
40498.254	48763.625	31.947	33159.266	24.692
1.023				
1/5/2016 11:45:00 PM	481500.000	19.654	16.125	44.272
40453.629	48710.480	31.908	33123.129	24.720
1.023				
1/6/2016 12:00:00 AM	482400.000	19.657	16.125	44.280
40489.746	48754.457	31.940	33153.035	24.698
1.023				
1/6/2016 12:15:00 AM	483300.000	19.655	16.125	44.276
40489.961	48754.715	31.941	33153.211	24.697
1.023				
1/6/2016 12:30:00 AM	484200.000	19.666	16.124	44.300
40463.441	48723.578	31.918	33132.039	24.714
1.023				
1/6/2016 12:45:00 AM	485100.000	19.663	16.124	44.292
40482.363	48746.164	31.934	33147.391	24.702
1.023				
1/6/2016 1:00:00 AM	486000.000	19.668	16.125	44.305
40473.340	48734.703	31.926	33139.598	24.708
1.023				
1/6/2016 1:15:00 AM	486900.000	19.685	16.124	44.343
40471.816	48734.055	31.925	33139.156	24.709
1.023				
1/6/2016 1:30:00 AM	487800.000	19.685	16.124	44.343
40491.637	48757.719	31.943	33155.250	24.696
1.023				
1/6/2016 1:45:00 AM	488700.000	19.691	16.123	44.356
40484.063	48749.887	31.937	33149.926	24.701
1.023				
1/6/2016 2:00:00 AM	489600.000	19.695	16.123	44.365
40467.063	48729.418	31.922	33136.004	24.711
1.023				
1/6/2016 2:15:00 AM	490500.000	19.700	16.123	44.376
40505.688	48775.840	31.956	33167.570	24.688
1.023				
1/6/2016 2:30:00 AM	491400.000	19.708	16.123	44.395
40484.488	48750.402	31.937	33150.277	24.701
1.023				
1/6/2016 2:45:00 AM	492300.000	19.719	16.122	44.418
40469.594	48733.551	31.925	33138.816	24.710
1.023				
1/6/2016 3:00:00 AM	493200.000	19.720	16.122	44.421
40457.500	48719.184	31.914	33129.047	24.717
1.023				
1/6/2016 3:15:00 AM	494100.000	19.721	16.121	44.423
40466.531	48730.168	31.923	33136.516	24.712
1.023				
1/6/2016 3:30:00 AM	495000.000	19.743	16.121	44.473
40480.770	48747.496	31.935	33148.301	24.703
1.023				
1/6/2016 3:45:00 AM	495900.000	19.749	16.121	44.487
40463.016	48726.707	31.920	33134.164	24.714
1.023				
1/6/2016 4:00:00 AM	496800.000	19.755	16.120	44.500

40472.230	48738.203	31.928	33141.980	24.708
1.023				
1/6/2016 4:15:00 AM	497700.000	19.757	16.120	44.506
40447.723	48709.086	31.907	33122.180	24.723
1.023				
1/6/2016 4:30:00 AM	498600.000	19.758	16.120	44.507
40473.852	48740.746	31.930	33143.707	24.707
1.023				
1/6/2016 4:45:00 AM	499500.000	19.783	16.120	44.563
40456.578	48719.945	31.915	33129.563	24.718
1.023				
1/6/2016 5:00:00 AM	500400.000	19.793	16.119	44.587
40486.324	48756.469	31.942	33154.398	24.700
1.023				
1/6/2016 5:15:00 AM	501300.000	19.796	16.119	44.593
40468.645	48735.469	31.926	33140.117	24.710
1.023				
1/6/2016 5:30:00 AM	502200.000	19.807	16.119	44.617
40504.301	48778.805	31.958	33169.586	24.689
1.023				
1/6/2016 5:45:00 AM	503100.000	19.821	16.118	44.649
40484.344	48755.555	31.941	33153.777	24.701
1.023				
1/6/2016 6:00:00 AM	504000.000	19.829	16.118	44.667
40483.395	48754.609	31.940	33153.133	24.701
1.023				
1/6/2016 6:15:00 AM	504900.000	19.839	16.117	44.689
40484.578	48756.430	31.941	33154.375	24.701
1.023				
1/6/2016 6:30:00 AM	505800.000	19.855	16.117	44.725
40479.617	48751.238	31.938	33150.844	24.704
1.023				
1/6/2016 6:45:00 AM	506700.000	19.874	16.117	44.767
40491.121	48764.809	31.947	33160.074	24.697
1.023				
1/6/2016 7:00:00 AM	507600.000	19.887	16.116	44.798
40464.020	48733.254	31.924	33138.613	24.713
1.023				
1/6/2016 7:15:00 AM	508500.000	19.895	16.116	44.816
40505.355	48782.645	31.960	33172.199	24.688
1.023				
1/6/2016 7:30:00 AM	509400.000	19.918	16.116	44.868
40473.973	48745.820	31.934	33147.160	24.707
1.023				
1/6/2016 7:45:00 AM	510300.000	19.925	16.115	44.883
40467.699	48738.473	31.928	33142.164	24.711
1.023				
1/6/2016 8:00:00 AM	511200.000	19.946	16.114	44.929
40478.895	48752.945	31.939	33152.004	24.704
1.023				
1/6/2016 8:15:00 AM	512100.000	19.953	16.114	44.947
40483.332	48758.488	31.943	33155.773	24.702
1.023				
1/6/2016 8:30:00 AM	513000.000	19.970	16.113	44.984
40488.691	48766.125	31.948	33160.965	24.698
1.023				
1/6/2016 8:45:00 AM	513900.000	19.990	16.113	45.030

40514.328	48797.387	31.971	33182.223	24.683
1.023				
1/6/2016 9:00:00 AM	514800.000	19.993	16.113	45.036
40499.391	48779.602	31.958	33170.133	24.692
1.023				
1/6/2016 9:15:00 AM	515700.000	20.003	16.112	45.059
40469.383	48744.152	31.932	33146.027	24.710
1.023				
1/6/2016 9:30:00 AM	516600.000	20.010	16.111	45.074
40508.527	48792.191	31.967	33178.691	24.686
1.023				
1/6/2016 9:45:00 AM	517500.000	20.029	16.111	45.117
40490.352	48770.801	31.951	33164.145	24.697
1.023				
1/6/2016 10:00:00 AM	518400.000	20.038	16.110	45.138
40457.988	48732.301	31.923	33137.965	24.717
1.023				
1/6/2016 10:15:00 AM	519300.000	20.055	16.110	45.176
40470.809	48748.332	31.935	33148.867	24.709
1.023				
1/6/2016 10:30:00 AM	520200.000	20.059	16.110	45.185
40483.934	48764.141	31.947	33159.617	24.701
1.023				
1/6/2016 10:45:00 AM	521100.000	20.069	16.109	45.207
40476.664	48756.480	31.941	33154.406	24.706
1.023				
1/6/2016 11:00:00 AM	522000.000	20.072	16.108	45.214
40469.047	48747.805	31.934	33148.512	24.710
1.023				
1/6/2016 11:15:00 AM	522900.000	20.068	16.108	45.205
40464.672	48743.020	31.931	33145.258	24.713
1.023				
1/6/2016 11:30:00 AM	523800.000	20.078	16.108	45.228
40487.094	48770.527	31.951	33163.961	24.699
1.023				
1/6/2016 11:45:00 AM	524700.000	20.084	16.108	45.241
40491.320	48775.703	31.955	33167.477	24.697
1.023				
1/6/2016 12:00:00 PM	525600.000	20.085	16.107	45.242
40497.648	48784.223	31.961	33173.273	24.693
1.023				
1/6/2016 12:15:00 PM	526500.000	20.081	16.106	45.235
40487.480	48772.859	31.953	33165.547	24.699
1.023				
1/6/2016 12:30:00 PM	527400.000	20.079	16.106	45.230
40498.816	48786.813	31.963	33175.035	24.692
1.023				
1/6/2016 12:45:00 PM	528300.000	20.079	16.106	45.229
40467.988	48749.582	31.936	33149.715	24.711
1.023				
1/6/2016 1:00:00 PM	529200.000	20.077	16.105	45.226
40499.004	48787.340	31.963	33175.391	24.692
1.023				
1/6/2016 1:15:00 PM	530100.000	20.069	16.105	45.207
40487.977	48774.352	31.954	33166.563	24.699
1.023				
1/6/2016 1:30:00 PM	531000.000	20.066	16.105	45.201

40474.078	48757.695	31.941	33155.234	24.707
1.023				
1/6/2016 1:45:00 PM	531900.000	20.066	16.104	45.200
40464.801	48747.410	31.934	33148.238	24.713
1.023				
1/6/2016 2:00:00 PM	532800.000	20.050	16.105	45.165
40481.840	48767.254	31.948	33161.734	24.702
1.023				
1/6/2016 2:15:00 PM	533700.000	20.042	16.104	45.147
40480.543	48766.664	31.948	33161.336	24.703
1.023				
1/6/2016 2:30:00 PM	534600.000	20.040	16.104	45.142
40472.027	48756.117	31.940	33154.164	24.708
1.023				
1/6/2016 2:45:00 PM	535500.000	20.030	16.103	45.121
40498.387	48788.871	31.964	33176.434	24.692
1.023				
1/6/2016 3:00:00 PM	536400.000	20.026	16.103	45.110
40480.680	48768.336	31.949	33162.473	24.703
1.023				
1/6/2016 3:15:00 PM	537300.000	20.021	16.103	45.100
40487.152	48776.223	31.955	33167.836	24.699
1.023				
1/6/2016 3:30:00 PM	538200.000	20.012	16.102	45.078
40496.445	48787.715	31.963	33175.648	24.694
1.023				
1/6/2016 3:45:00 PM	539100.000	20.006	16.102	45.066
40493.980	48784.547	31.961	33173.492	24.695
1.023				
1/6/2016 4:00:00 PM	540000.000	20.001	16.103	45.055
40471.301	48757.035	31.941	33154.785	24.709
1.023				
1/6/2016 4:15:00 PM	540900.000	19.997	16.102	45.046
40502.703	48795.059	31.969	33180.641	24.690
1.023				
1/6/2016 4:30:00 PM	541800.000	19.990	16.102	45.030
40506.672	48799.934	31.972	33183.961	24.687
1.023				
1/6/2016 4:45:00 PM	542700.000	19.982	16.102	45.012
40527.348	48825.629	31.991	33201.430	24.675
1.023				
1/6/2016 5:00:00 PM	543600.000	19.973	16.102	44.990
40523.789	48821.148	31.988	33198.383	24.677
1.023				
1/6/2016 5:15:00 PM	544500.000	19.960	16.102	44.961
40497.688	48789.898	31.965	33177.137	24.693
1.023				
1/6/2016 5:30:00 PM	545400.000	19.957	16.101	44.955
40506.602	48800.938	31.973	33184.641	24.687
1.023				
1/6/2016 5:45:00 PM	546300.000	19.947	16.102	44.933
40497.184	48789.195	31.964	33176.656	24.693
1.023				
1/6/2016 6:00:00 PM	547200.000	19.945	16.101	44.928
40466.992	48753.805	31.938	33152.586	24.711
1.023				
1/6/2016 6:15:00 PM	548100.000	19.944	16.101	44.926

40504.531	48798.734	31.971	33183.145	24.689
1.023				
1/6/2016 6:30:00 PM	549000.000	19.936	16.101	44.907
40504.711	48798.949	31.971	33183.289	24.688
1.023				
1/6/2016 6:45:00 PM	549900.000	19.931	16.101	44.897
40505.109	48799.223	31.972	33183.477	24.688
1.023				
1/6/2016 7:00:00 PM	550800.000	19.926	16.101	44.885
40516.273	48813.473	31.982	33193.160	24.681
1.023				
1/6/2016 7:15:00 PM	551700.000	19.932	16.101	44.899
40508.070	48803.504	31.975	33186.387	24.686
1.023				
1/6/2016 7:30:00 PM	552600.000	19.923	16.101	44.877
40498.605	48792.102	31.966	33178.629	24.692
1.023				
1/6/2016 7:45:00 PM	553500.000	19.928	16.101	44.891
40494.820	48787.332	31.963	33175.387	24.695
1.023				
1/6/2016 8:00:00 PM	554400.000	19.925	16.101	44.883
40493.805	48786.402	31.962	33174.754	24.695
1.023				
1/6/2016 8:15:00 PM	555300.000	19.919	16.100	44.870
40496.563	48790.820	31.965	33177.762	24.693
1.023				
1/6/2016 8:30:00 PM	556200.000	19.918	16.100	44.868
40490.441	48783.445	31.960	33172.746	24.697
1.023				
1/6/2016 8:45:00 PM	557100.000	19.923	16.100	44.879
40469.773	48757.852	31.941	33155.344	24.710
1.023				
1/6/2016 9:00:00 PM	558000.000	19.919	16.100	44.870
40516.363	48814.574	31.983	33193.914	24.681
1.023				
1/6/2016 9:15:00 PM	558900.000	19.919	16.100	44.870
40503.762	48799.492	31.972	33183.660	24.689
1.023				
1/6/2016 9:30:00 PM	559800.000	19.916	16.100	44.864
40489.957	48782.965	31.960	33172.422	24.697
1.023				
1/6/2016 9:45:00 PM	560700.000	19.910	16.099	44.850
40543.414	48847.570	32.007	33216.352	24.665
1.023				
1/6/2016 10:00:00 PM	561600.000	19.911	16.099	44.852
40522.820	48823.141	31.989	33199.738	24.677
1.023				
1/6/2016 10:15:00 PM	562500.000	19.920	16.099	44.872
40497.352	48792.859	31.967	33179.145	24.693
1.023				
1/6/2016 10:30:00 PM	563400.000	19.913	16.099	44.855
40503.484	48800.051	31.972	33184.035	24.689
1.023				
1/6/2016 10:45:00 PM	564300.000	19.915	16.098	44.860
40488.789	48783.031	31.960	33172.461	24.698
1.023				
1/6/2016 11:00:00 PM	565200.000	19.921	16.098	44.874

40494.574	48790.000	31.965	33177.199	24.695
1.023				
1/6/2016 11:15:00 PM	566100.000	19.911	16.099	44.850
40510.211	48808.352	31.978	33189.684	24.685
1.023				
1/6/2016 11:30:00 PM	567000.000	19.916	16.098	44.862
40531.938	48835.320	31.998	33208.020	24.672
1.023				
1/6/2016 11:45:00 PM	567900.000	19.913	16.097	44.857
40521.992	48824.332	31.990	33200.551	24.678
1.023				

Report Date: 1/11/2016 11:28:44 AM
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_2016-01-07_10-36-48-530-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

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

TDS Factor: 0.68

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
 1/3/2016 10:35:33 AM Log Download - Used Battery: 16% Used Memory: 32% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
 1/7/2016 10:34:44 AM Log Download - Used Battery: 16% Used Memory: 32% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:30:00 AM
 1/11/2016 11:27:40 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 674

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: Baro-Adj Calc		Sensor: PCTD(A) 197.3ft		Sensor: PCTD(A) 197.3ft	
SN#: 398176		SN#: 398176		SN#: 398176	
SN#: 398176		SN#: 398176		SN#: 000000	
Date and Time	Elapsed Time	Corrected	Corrected	Depth (ft)	Actual
Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Water Density (g/cm3)	
Barometric Pressure (PSI)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)			
12/31/2015 12:00:00 AM	2674800.000	124.388	19.746	280.197	
43185.824	48003.238	32642.205	1.022	14.831	
12/31/2015 12:15:00 AM	2675700.000	124.411	19.747	280.248	
43185.156	48001.695	32641.154	1.022	14.830	
12/31/2015 12:30:00 AM	2676600.000	124.455	19.745	280.346	
43165.934	47981.742	32627.586	1.022	14.822	
12/31/2015 12:45:00 AM	2677500.000	124.491	19.746	280.428	
43139.340	47951.473	32607.002	1.022	14.823	
12/31/2015 1:00:00 AM	2678400.000	124.522	19.746	280.499	
43159.152	47973.406	32621.918	1.022	14.821	
12/31/2015 1:15:00 AM	2679300.000	124.540	19.746	280.538	
43199.609	48017.930	32652.195	1.022	14.830	
12/31/2015 1:30:00 AM	2680200.000	124.572	19.747	280.611	
43167.910	47982.246	32627.930	1.022	14.825	
12/31/2015 1:45:00 AM	2681100.000	124.603	19.746	280.681	
43182.145	47998.434	32638.939	1.022	14.829	

12/31/2015 2:00:00 AM	2682000.000	124.632	19.748	280.745
43166.871	47979.848	32626.297	1.022	14.826
12/31/2015 2:15:00 AM	2682900.000	124.681	19.748	280.857
43198.000	48014.891	32650.127	1.022	14.826
12/31/2015 2:30:00 AM	2683800.000	124.670	19.746	280.832
43156.992	47970.746	32620.109	1.022	14.829
12/31/2015 2:45:00 AM	2684700.000	124.710	19.747	280.921
43151.656	47963.734	32615.342	1.022	14.835
12/31/2015 3:00:00 AM	2685600.000	124.698	19.747	280.894
43196.676	48014.313	32649.734	1.022	14.828
12/31/2015 3:15:00 AM	2686500.000	124.712	19.746	280.926
43199.309	48017.691	32652.031	1.022	14.827
12/31/2015 3:30:00 AM	2687400.000	124.714	19.744	280.931
43147.539	47962.281	32614.354	1.022	14.829
12/31/2015 3:45:00 AM	2688300.000	124.717	19.744	280.938
43147.488	47961.961	32614.137	1.022	14.833
12/31/2015 4:00:00 AM	2689200.000	124.725	19.748	280.956
43190.090	48006.098	32644.150	1.022	14.825
12/31/2015 4:15:00 AM	2690100.000	124.718	19.746	280.940
43167.594	47982.977	32628.426	1.022	14.826
12/31/2015 4:30:00 AM	2691000.000	124.718	19.747	280.939
43215.258	48034.609	32663.535	1.022	14.823
12/31/2015 4:45:00 AM	2691900.000	124.709	19.747	280.919
43178.008	47993.023	32635.258	1.022	14.826
12/31/2015 5:00:00 AM	2692800.000	124.733	19.748	280.973
43213.840	48032.145	32661.861	1.022	14.823
12/31/2015 5:15:00 AM	2693700.000	124.686	19.746	280.867
43197.715	48016.625	32651.307	1.022	14.830
12/31/2015 5:30:00 AM	2694600.000	124.700	19.747	280.900
43170.445	47984.977	32629.787	1.022	14.829
12/31/2015 5:45:00 AM	2695500.000	124.690	19.748	280.875
43146.648	47957.199	32610.896	1.022	14.825
12/31/2015 6:00:00 AM	2696400.000	124.639	19.747	280.761
43195.184	48012.652	32648.605	1.022	14.827
12/31/2015 6:15:00 AM	2697300.000	124.627	19.746	280.734
43188.793	48006.445	32644.383	1.022	14.821
12/31/2015 6:30:00 AM	2698200.000	124.602	19.748	280.678
43172.789	47986.961	32631.135	1.022	14.828
12/31/2015 6:45:00 AM	2699100.000	124.592	19.748	280.656
43184.004	47998.441	32638.943	1.022	14.825
12/31/2015 7:00:00 AM	2700000.000	124.574	19.748	280.614
43165.066	47978.113	32625.119	1.022	14.820
12/31/2015 7:15:00 AM	2700900.000	124.548	19.747	280.556
43161.223	47974.367	32622.570	1.022	14.834
12/31/2015 7:30:00 AM	2701800.000	124.565	19.747	280.594
43165.957	47979.727	32626.217	1.022	14.829
12/31/2015 7:45:00 AM	2702700.000	124.556	19.747	280.575
43145.504	47957.434	32611.057	1.022	14.825
12/31/2015 8:00:00 AM	2703600.000	124.502	19.748	280.454
43173.520	47987.332	32631.389	1.022	14.828
12/31/2015 8:15:00 AM	2704500.000	124.494	19.747	280.434
43175.918	47990.883	32633.801	1.022	14.827
12/31/2015 8:30:00 AM	2705400.000	124.524	19.747	280.503
43152.715	47965.184	32616.326	1.022	14.823
12/31/2015 8:45:00 AM	2706300.000	124.477	19.746	280.397
43181.207	47997.746	32638.469	1.022	14.831
12/31/2015 9:00:00 AM	2707200.000	124.494	19.748	280.435

43162.535	47975.387	32623.264	1.022	14.838
12/31/2015 9:15:00 AM	2708100.000	124.466	19.748	280.372
43202.203	48019.563	32653.305	1.022	14.832
12/31/2015 9:30:00 AM	2709000.000	124.463	19.744	280.366
43184.344	48003.016	32642.051	1.022	14.833
12/31/2015 9:45:00 AM	2709900.000	124.494	19.744	280.434
43166.645	47983.781	32628.971	1.022	14.838
12/31/2015 10:00:00 AM	0.000	124.484	19.744	280.413
43180.203	47998.762	32639.160	1.022	14.845
12/31/2015 10:15:00 AM	900.000	124.494	19.743	280.434
43143.875	47959.895	32612.732	1.022	14.840
12/31/2015 10:30:00 AM	1800.000	124.461	19.744	280.361
43183.223	48002.563	32641.742	1.022	14.844
12/31/2015 10:45:00 AM	2700.000	124.472	19.743	280.386
43187.086	48007.309	32644.975	1.022	14.834
12/31/2015 11:00:00 AM	3600.000	124.484	19.742	280.413
43186.230	48007.250	32644.932	1.022	14.832
12/31/2015 11:15:00 AM	4500.000	124.491	19.743	280.428
43159.301	47976.508	32624.027	1.022	14.833
12/31/2015 11:30:00 AM	5400.000	124.541	19.743	280.540
43171.867	47990.035	32633.225	1.022	14.827
12/31/2015 11:45:00 AM	6300.000	124.516	19.745	280.484
43150.172	47964.766	32616.043	1.022	14.829
12/31/2015 12:00:00 PM	7200.000	124.531	19.746	280.519
43192.637	48010.980	32647.469	1.022	14.820
12/31/2015 12:15:00 PM	8100.000	124.552	19.745	280.565
43132.723	47945.270	32602.783	1.022	14.812
12/31/2015 12:30:00 PM	9000.000	124.555	19.744	280.572
43192.488	48012.512	32648.510	1.022	14.810
12/31/2015 12:45:00 PM	9900.000	124.572	19.745	280.610
43201.082	48020.813	32654.156	1.022	14.807
12/31/2015 1:00:00 PM	10800.000	124.589	19.746	280.650
43148.281	47961.594	32613.889	1.022	14.799
12/31/2015 1:15:00 PM	11700.000	124.591	19.747	280.654
43161.316	47974.473	32622.643	1.022	14.804
12/31/2015 1:30:00 PM	12600.000	124.639	19.745	280.761
43167.645	47984.188	32629.250	1.022	14.799
12/31/2015 1:45:00 PM	13500.000	124.618	19.744	280.714
43172.168	47989.480	32632.852	1.022	14.793
12/31/2015 2:00:00 PM	14400.000	124.623	19.747	280.726
43169.660	47984.473	32629.443	1.022	14.794
12/31/2015 2:15:00 PM	15300.000	124.632	19.745	280.746
43191.555	48009.957	32646.773	1.022	14.789
12/31/2015 2:30:00 PM	16200.000	124.639	19.744	280.762
43123.230	47934.996	32595.799	1.022	14.786
12/31/2015 2:45:00 PM	17100.000	124.632	19.746	280.746
43185.426	48002.883	32641.965	1.022	14.787
12/31/2015 3:00:00 PM	18000.000	124.626	19.745	280.732
43148.730	47962.621	32614.582	1.022	14.785
12/31/2015 3:15:00 PM	18900.000	124.624	19.745	280.729
43167.500	47984.113	32629.199	1.022	14.787
12/31/2015 3:30:00 PM	19800.000	124.648	19.745	280.782
43180.891	47999.000	32639.320	1.022	14.785
12/31/2015 3:45:00 PM	20700.000	124.607	19.746	280.690
43175.391	47991.809	32634.430	1.022	14.788
12/31/2015 4:00:00 PM	21600.000	124.639	19.744	280.762
43156.270	47971.723	32620.773	1.022	14.776

12/31/2015 4:15:00 PM	22500.000	124.587	19.743	280.644
43170.828	47989.594	32632.928	1.022	14.785
12/31/2015 4:30:00 PM	23400.000	124.576	19.745	280.619
43144.793	47958.875	32612.037	1.022	14.781
12/31/2015 4:45:00 PM	24300.000	124.555	19.744	280.572
43156.508	47972.074	32621.014	1.022	14.785
12/31/2015 5:00:00 PM	25200.000	124.532	19.744	280.521
43189.637	48009.172	32646.236	1.022	14.786
12/31/2015 5:15:00 PM	26100.000	124.513	19.742	280.478
43200.500	48022.930	32655.594	1.022	14.783
12/31/2015 5:30:00 PM	27000.000	124.495	19.744	280.437
43155.461	47971.617	32620.701	1.022	14.785
12/31/2015 5:45:00 PM	27900.000	124.466	19.743	280.372
43185.746	48006.270	32644.264	1.022	14.791
12/31/2015 6:00:00 PM	28800.000	124.438	19.745	280.309
43160.668	47975.984	32623.672	1.022	14.792
12/31/2015 6:15:00 PM	29700.000	124.418	19.744	280.264
43167.371	47984.855	32629.703	1.022	14.792
12/31/2015 6:30:00 PM	30600.000	124.391	19.743	280.202
43157.980	47975.211	32623.146	1.022	14.789
12/31/2015 6:45:00 PM	31500.000	124.402	19.744	280.228
43215.191	48037.484	32665.492	1.022	14.785
12/31/2015 7:00:00 PM	32400.000	124.339	19.744	280.085
43156.402	47972.660	32621.410	1.022	14.794
12/31/2015 7:15:00 PM	33300.000	124.315	19.744	280.033
43198.734	48018.926	32652.871	1.022	14.792
12/31/2015 7:30:00 PM	34200.000	124.318	19.744	280.039
43182.887	48001.668	32641.137	1.022	14.794
12/31/2015 7:45:00 PM	35100.000	124.302	19.745	280.003
43190.145	48008.570	32645.828	1.022	14.792
12/31/2015 8:00:00 PM	36000.000	124.254	19.742	279.895
43172.207	47991.477	32634.205	1.022	14.799
12/31/2015 8:15:00 PM	36900.000	124.275	19.743	279.942
43190.164	48011.352	32647.721	1.022	14.793
12/31/2015 8:30:00 PM	37800.000	124.223	19.740	279.825
43174.184	47996.086	32637.340	1.022	14.793
12/31/2015 8:45:00 PM	38700.000	124.212	19.741	279.799
43193.285	48016.602	32651.291	1.022	14.794
12/31/2015 9:00:00 PM	39600.000	124.204	19.742	279.781
43190.551	48012.668	32648.617	1.022	14.790
12/31/2015 9:15:00 PM	40500.000	124.203	19.741	279.778
43145.422	47962.773	32614.689	1.022	14.791
12/31/2015 9:30:00 PM	41400.000	124.200	19.741	279.772
43162.672	47982.313	32627.975	1.022	14.794
12/31/2015 9:45:00 PM	42300.000	124.202	19.742	279.777
43163.984	47983.133	32628.533	1.022	14.786
12/31/2015 10:00:00 PM	43200.000	124.229	19.741	279.837
43170.121	47991.031	32633.904	1.022	14.793
12/31/2015 10:15:00 PM	44100.000	124.200	19.741	279.773
43139.434	47956.652	32610.523	1.022	14.793
12/31/2015 10:30:00 PM	45000.000	124.221	19.740	279.820
43217.156	48043.762	32669.758	1.022	14.788
12/31/2015 10:45:00 PM	45900.000	124.239	19.738	279.860
43184.891	48010.297	32647.004	1.022	14.786
12/31/2015 11:00:00 PM	46800.000	124.239	19.739	279.861
43147.797	47968.258	32618.416	1.022	14.791
12/31/2015 11:15:00 PM	47700.000	124.270	19.740	279.931

43165.039	47985.645	32630.242	1.022	14.784
12/31/2015 11:30:00 PM	48600.000	124.322	19.741	280.048
43163.973	47983.301	32628.646	1.022	14.783
12/31/2015 11:45:00 PM	49500.000	124.314	19.743	280.028
43113.910	47926.223	32589.832	1.022	14.780
1/1/2016 12:00:00 AM	50400.000	124.370	19.743	280.156
43169.727	47988.098	32631.908	1.022	14.782
1/1/2016 12:15:00 AM	51300.000	124.405	19.741	280.235
43166.531	47986.504	32630.824	1.022	14.777
1/1/2016 12:30:00 AM	52200.000	124.403	19.742	280.229
43183.699	48005.051	32643.436	1.022	14.773
1/1/2016 12:45:00 AM	53100.000	124.433	19.742	280.297
43198.250	48020.426	32653.893	1.022	14.776
1/1/2016 1:00:00 AM	54000.000	124.457	19.742	280.352
43180.938	48001.273	32640.869	1.022	14.775
1/1/2016 1:15:00 AM	54900.000	124.487	19.745	280.420
43173.379	47989.848	32633.098	1.022	14.778
1/1/2016 1:30:00 AM	55800.000	124.556	19.745	280.575
43137.863	47950.371	32606.254	1.022	14.772
1/1/2016 1:45:00 AM	56700.000	124.552	19.747	280.565
43186.574	48002.461	32641.674	1.022	14.774
1/1/2016 2:00:00 AM	57600.000	124.608	19.746	280.692
43174.809	47991.250	32634.053	1.022	14.778
1/1/2016 2:15:00 AM	58500.000	124.599	19.745	280.672
43182.203	47999.922	32639.949	1.022	14.779
1/1/2016 2:30:00 AM	59400.000	124.622	19.745	280.723
43180.867	47998.785	32639.176	1.022	14.780
1/1/2016 2:45:00 AM	60300.000	124.683	19.744	280.860
43181.090	47999.398	32639.596	1.022	14.774
1/1/2016 3:00:00 AM	61200.000	124.679	19.748	280.851
43176.547	47991.043	32633.910	1.022	14.773
1/1/2016 3:15:00 AM	62100.000	124.685	19.747	280.866
43162.457	47975.570	32623.391	1.022	14.777
1/1/2016 3:30:00 AM	63000.000	124.705	19.749	280.910
43178.637	47992.215	32634.709	1.022	14.777
1/1/2016 3:45:00 AM	63900.000	124.720	19.748	280.943
43187.520	48003.070	32642.090	1.022	14.776
1/1/2016 4:00:00 AM	64800.000	124.729	19.748	280.965
43156.504	47967.965	32618.217	1.022	14.773
1/1/2016 4:15:00 AM	65700.000	124.728	19.749	280.961
43172.832	47985.324	32630.023	1.022	14.773
1/1/2016 4:30:00 AM	66600.000	124.775	19.747	281.069
43201.621	48019.184	32653.045	1.022	14.770
1/1/2016 4:45:00 AM	67500.000	124.744	19.748	280.997
43198.563	48014.715	32650.010	1.022	14.768
1/1/2016 5:00:00 AM	68400.000	124.747	19.749	281.005
43179.223	47992.867	32635.150	1.022	14.766
1/1/2016 5:15:00 AM	69300.000	124.765	19.748	281.045
43173.973	47987.383	32631.420	1.022	14.772
1/1/2016 5:30:00 AM	70200.000	124.725	19.750	280.955
43156.688	47967.020	32617.576	1.022	14.776
1/1/2016 5:45:00 AM	71100.000	124.725	19.749	280.955
43194.809	48009.750	32646.633	1.022	14.774
1/1/2016 6:00:00 AM	72000.000	124.703	19.749	280.905
43160.027	47971.617	32620.701	1.022	14.778
1/1/2016 6:15:00 AM	72900.000	124.692	19.750	280.881
43169.641	47981.145	32627.178	1.022	14.776

1/1/2016 6:30:00 AM	73800.000	124.670	19.750	280.831
43168.219	47979.199	32625.857	1.022	14.783
1/1/2016 6:45:00 AM	74700.000	124.652	19.748	280.790
43183.836	47998.977	32639.305	1.022	14.786
1/1/2016 7:00:00 AM	75600.000	124.642	19.748	280.769
43161.063	47973.746	32622.150	1.022	14.781
1/1/2016 7:15:00 AM	76500.000	124.612	19.747	280.701
43159.164	47972.523	32621.318	1.022	14.783
1/1/2016 7:30:00 AM	77400.000	124.620	19.749	280.719
43176.313	47989.191	32632.652	1.022	14.794
1/1/2016 7:45:00 AM	78300.000	124.610	19.749	280.697
43174.039	47986.918	32631.107	1.022	14.782
1/1/2016 8:00:00 AM	79200.000	124.594	19.749	280.660
43184.984	47999.086	32639.381	1.022	14.787
1/1/2016 8:15:00 AM	80100.000	124.574	19.749	280.615
43189.082	48003.109	32642.117	1.022	14.789
1/1/2016 8:30:00 AM	81000.000	124.523	19.749	280.500
43156.211	47967.289	32617.760	1.022	14.792
1/1/2016 8:45:00 AM	81900.000	124.495	19.748	280.438
43178.840	47993.688	32635.707	1.022	14.798
1/1/2016 9:00:00 AM	82800.000	124.479	19.750	280.400
43187.629	48001.316	32640.896	1.022	14.796
1/1/2016 9:15:00 AM	83700.000	124.470	19.747	280.380
43182.965	47998.535	32639.004	1.022	14.795
1/1/2016 9:30:00 AM	84600.000	124.495	19.746	280.438
43150.926	47964.004	32615.523	1.022	14.796
1/1/2016 9:45:00 AM	85500.000	124.442	19.748	280.318
43187.605	48003.164	32642.154	1.022	14.800
1/1/2016 10:00:00 AM	86400.000	124.461	19.747	280.360
43138.422	47949.469	32605.641	1.022	14.802
1/1/2016 10:15:00 AM	87300.000	124.466	19.747	280.371
43159.980	47973.711	32622.123	1.022	14.799
1/1/2016 10:30:00 AM	88200.000	124.418	19.746	280.263
43197.410	48015.844	32650.775	1.022	14.807
1/1/2016 10:45:00 AM	89100.000	124.417	19.745	280.262
43156.035	47971.012	32620.289	1.022	14.798
1/1/2016 11:00:00 AM	90000.000	124.415	19.744	280.257
43156.359	47971.996	32620.961	1.022	14.796
1/1/2016 11:15:00 AM	90900.000	124.420	19.744	280.269
43182.875	48001.824	32641.242	1.022	14.792
1/1/2016 11:30:00 AM	91800.000	124.413	19.744	280.252
43183.031	48001.828	32641.246	1.022	14.800
1/1/2016 11:45:00 AM	92700.000	124.449	19.744	280.334
43198.406	48018.996	32652.920	1.022	14.797
1/1/2016 12:00:00 PM	93600.000	124.461	19.743	280.360
43168.430	47986.742	32630.984	1.022	14.790
1/1/2016 12:15:00 PM	94500.000	124.435	19.744	280.303
43212.102	48034.578	32663.518	1.022	14.786
1/1/2016 12:30:00 PM	95400.000	124.441	19.742	280.316
43172.719	47992.676	32635.021	1.022	14.786
1/1/2016 12:45:00 PM	96300.000	124.454	19.743	280.344
43165.160	47983.293	32628.639	1.022	14.779
1/1/2016 1:00:00 PM	97200.000	124.493	19.744	280.432
43175.199	47993.641	32635.678	1.022	14.782
1/1/2016 1:15:00 PM	98100.000	124.488	19.744	280.422
43168.441	47985.688	32630.268	1.022	14.765
1/1/2016 1:30:00 PM	99000.000	124.483	19.743	280.409

43203.930	48026.031	32657.703	1.022	14.774
1/1/2016 1:45:00 PM	99900.000	124.531	19.743	280.517
43127.137	47941.203	32600.018	1.022	14.772
1/1/2016 2:00:00 PM	100800.000	124.505	19.743	280.460
43204.840	48027.582	32658.756	1.022	14.778
1/1/2016 2:15:00 PM	101700.000	124.522	19.743	280.498
43158.074	47975.316	32623.215	1.022	14.774
1/1/2016 2:30:00 PM	102600.000	124.530	19.743	280.516
43175.391	47994.930	32636.555	1.022	14.769
1/1/2016 2:45:00 PM	103500.000	124.540	19.742	280.537
43160.668	47978.832	32625.607	1.022	14.775
1/1/2016 3:00:00 PM	104400.000	124.575	19.742	280.618
43195.914	48018.723	32652.732	1.022	14.776
1/1/2016 3:15:00 PM	105300.000	124.550	19.742	280.560
43190.594	48012.449	32648.469	1.022	14.771
1/1/2016 3:30:00 PM	106200.000	124.559	19.744	280.581
43171.340	47989.176	32632.641	1.022	14.772
1/1/2016 3:45:00 PM	107100.000	124.564	19.743	280.592
43170.773	47988.988	32632.516	1.022	14.771
1/1/2016 4:00:00 PM	108000.000	124.593	19.743	280.657
43192.113	48013.066	32648.887	1.022	14.774
1/1/2016 4:15:00 PM	108900.000	124.556	19.743	280.574
43168.766	47986.754	32630.992	1.022	14.776
1/1/2016 4:30:00 PM	109800.000	124.552	19.745	280.565
43183.617	48001.672	32641.141	1.022	14.776
1/1/2016 4:45:00 PM	110700.000	124.555	19.745	280.573
43158.652	47973.563	32622.025	1.022	14.772
1/1/2016 5:00:00 PM	111600.000	124.574	19.747	280.615
43164.008	47978.188	32625.168	1.022	14.773
1/1/2016 5:15:00 PM	112500.000	124.574	19.743	280.616
43184.070	48003.766	32642.563	1.022	14.767
1/1/2016 5:30:00 PM	113400.000	124.530	19.744	280.517
43165.957	47983.281	32628.631	1.022	14.768
1/1/2016 5:45:00 PM	114300.000	124.518	19.743	280.489
43188.449	48008.996	32646.117	1.022	14.766
1/1/2016 6:00:00 PM	115200.000	124.499	19.743	280.447
43167.969	47986.055	32630.520	1.022	14.772
1/1/2016 6:15:00 PM	116100.000	124.482	19.741	280.407
43186.625	48008.941	32646.080	1.022	14.767
1/1/2016 6:30:00 PM	117000.000	124.499	19.742	280.446
43173.223	47993.047	32635.273	1.022	14.776
1/1/2016 6:45:00 PM	117900.000	124.444	19.744	280.322
43174.953	47993.191	32635.373	1.022	14.772
1/1/2016 7:00:00 PM	118800.000	124.432	19.744	280.295
43184.758	48004.004	32642.723	1.022	14.771
1/1/2016 7:15:00 PM	119700.000	124.407	19.742	280.240
43154.340	47971.707	32620.762	1.022	14.776
1/1/2016 7:30:00 PM	120600.000	124.386	19.743	280.191
43202.883	48025.492	32657.338	1.022	14.777
1/1/2016 7:45:00 PM	121500.000	124.379	19.742	280.175
43157.043	47975.152	32623.104	1.022	14.776
1/1/2016 8:00:00 PM	122400.000	124.355	19.741	280.122
43174.691	47996.020	32637.295	1.022	14.778
1/1/2016 8:15:00 PM	123300.000	124.339	19.741	280.085
43185.594	48008.316	32645.656	1.022	14.778
1/1/2016 8:30:00 PM	124200.000	124.323	19.741	280.050
43148.672	47966.750	32617.393	1.022	14.780

1/1/2016 8:45:00 PM	125100.000	124.348	19.741	280.106
43208.430	48033.352	32662.682	1.022	14.777
1/1/2016 9:00:00 PM	126000.000	124.301	19.740	280.000
43165.875	47986.660	32630.932	1.022	14.780
1/1/2016 9:15:00 PM	126900.000	124.288	19.741	279.971
43184.852	48007.313	32644.975	1.022	14.782
1/1/2016 9:30:00 PM	127800.000	124.312	19.741	280.025
43163.867	47983.449	32628.746	1.022	14.781
1/1/2016 9:45:00 PM	128700.000	124.260	19.741	279.909
43200.773	48024.930	32656.955	1.022	14.790
1/1/2016 10:00:00 PM	129600.000	124.299	19.740	279.996
43166.246	47987.516	32631.512	1.022	14.782
1/1/2016 10:15:00 PM	130500.000	124.268	19.740	279.925
43155.395	47975.641	32623.436	1.022	14.785
1/1/2016 10:30:00 PM	131400.000	124.280	19.738	279.954
43172.324	47996.059	32637.322	1.022	14.779
1/1/2016 10:45:00 PM	132300.000	124.275	19.739	279.942
43174.805	47997.391	32638.229	1.022	14.781
1/1/2016 11:00:00 PM	133200.000	124.290	19.739	279.975
43143.805	47963.648	32615.283	1.022	14.779
1/1/2016 11:15:00 PM	134100.000	124.293	19.740	279.983
43162.133	47982.500	32628.102	1.022	14.783
1/1/2016 11:30:00 PM	135000.000	124.334	19.738	280.075
43166.453	47989.531	32632.881	1.022	14.784
1/1/2016 11:45:00 PM	135900.000	124.321	19.740	280.046
43151.305	47971.094	32620.346	1.022	14.783
1/2/2016 12:00:00 AM	136800.000	124.333	19.738	280.072
43168.328	47991.883	32634.482	1.022	14.783
1/2/2016 12:15:00 AM	137700.000	124.393	19.739	280.207
43181.621	48005.688	32643.867	1.022	14.780
1/2/2016 12:30:00 AM	138600.000	124.410	19.739	280.245
43152.977	47973.844	32622.215	1.022	14.780
1/2/2016 12:45:00 AM	139500.000	124.447	19.738	280.330
43156.543	47978.422	32625.328	1.022	14.770
1/2/2016 1:00:00 AM	140400.000	124.465	19.738	280.368
43149.762	47970.621	32620.025	1.022	14.779
1/2/2016 1:15:00 AM	141300.000	124.491	19.739	280.428
43172.473	47995.691	32637.074	1.022	14.773
1/2/2016 1:30:00 AM	142200.000	124.488	19.740	280.422
43173.727	47996.105	32637.352	1.022	14.775
1/2/2016 1:45:00 AM	143100.000	124.516	19.740	280.485
43218.543	48045.566	32670.986	1.022	14.770
1/2/2016 2:00:00 AM	144000.000	124.551	19.741	280.563
43178.184	48000.078	32640.053	1.022	14.766
1/2/2016 2:15:00 AM	144900.000	124.571	19.741	280.608
43175.977	47997.363	32638.211	1.022	14.773
1/2/2016 2:30:00 AM	145800.000	124.642	19.740	280.769
43197.391	48021.883	32654.881	1.022	14.763
1/2/2016 2:45:00 AM	146700.000	124.625	19.743	280.729
43184.805	48004.582	32643.115	1.022	14.771
1/2/2016 3:00:00 AM	147600.000	124.654	19.741	280.795
43160.414	47979.348	32625.957	1.022	14.769
1/2/2016 3:15:00 AM	148500.000	124.712	19.742	280.926
43168.199	47987.555	32631.539	1.022	14.769
1/2/2016 3:30:00 AM	149400.000	124.737	19.740	280.983
43175.820	47997.988	32638.633	1.022	14.770
1/2/2016 3:45:00 AM	150300.000	124.764	19.741	281.044

43166.930	47987.305	32631.371	1.022	14.761
1/2/2016 4:00:00 AM	151200.000	124.748	19.740	281.007
43162.465	47983.227	32628.594	1.022	14.766
1/2/2016 4:15:00 AM	152100.000	124.797	19.740	281.117
43184.391	48007.688	32645.229	1.022	14.763
1/2/2016 4:30:00 AM	153000.000	124.809	19.741	281.145
43168.445	47988.539	32632.209	1.022	14.761
1/2/2016 4:45:00 AM	153900.000	124.788	19.741	281.097
43189.078	48011.926	32648.109	1.022	14.760
1/2/2016 5:00:00 AM	154800.000	124.827	19.739	281.184
43163.113	47985.020	32629.814	1.022	14.763
1/2/2016 5:15:00 AM	155700.000	124.797	19.739	281.118
43197.273	48022.734	32655.461	1.022	14.762
1/2/2016 5:30:00 AM	156600.000	124.806	19.740	281.138
43170.453	47992.465	32634.881	1.022	14.761
1/2/2016 5:45:00 AM	157500.000	124.791	19.740	281.103
43191.051	48014.918	32650.146	1.022	14.764
1/2/2016 6:00:00 AM	158400.000	124.821	19.739	281.171
43204.316	48030.195	32660.533	1.022	14.762
1/2/2016 6:15:00 AM	159300.000	124.822	19.738	281.174
43187.438	48013.305	32649.047	1.022	14.758
1/2/2016 6:30:00 AM	160200.000	124.806	19.739	281.137
43163.199	47984.852	32629.699	1.022	14.759
1/2/2016 6:45:00 AM	161100.000	124.794	19.738	281.112
43148.074	47968.836	32618.809	1.022	14.764
1/2/2016 7:00:00 AM	162000.000	124.752	19.739	281.016
43161.922	47983.789	32628.979	1.022	14.758
1/2/2016 7:15:00 AM	162900.000	124.760	19.740	281.035
43187.324	48011.137	32647.576	1.022	14.759
1/2/2016 7:30:00 AM	163800.000	124.716	19.740	280.935
43185.797	48009.250	32646.293	1.022	14.754
1/2/2016 7:45:00 AM	164700.000	124.689	19.738	280.874
43154.508	47975.988	32623.672	1.022	14.761
1/2/2016 8:00:00 AM	165600.000	124.703	19.738	280.906
43160.879	47983.430	32628.734	1.022	14.758
1/2/2016 8:15:00 AM	166500.000	124.646	19.740	280.777
43163.758	47984.750	32629.631	1.022	14.763
1/2/2016 8:30:00 AM	167400.000	124.618	19.742	280.714
43167.160	47986.402	32630.756	1.022	14.763
1/2/2016 8:45:00 AM	168300.000	124.624	19.742	280.728
43165.762	47984.668	32629.578	1.022	14.766
1/2/2016 9:00:00 AM	169200.000	124.610	19.740	280.695
43156.969	47977.117	32624.439	1.022	14.763
1/2/2016 9:15:00 AM	170100.000	124.558	19.740	280.578
43174.824	47997.324	32638.184	1.022	14.760
1/2/2016 9:30:00 AM	171000.000	124.528	19.740	280.511
43181.383	48003.727	32642.537	1.022	14.761
1/2/2016 9:45:00 AM	171900.000	124.516	19.741	280.485
43175.555	47996.637	32637.715	1.022	14.759
1/2/2016 10:00:00 AM	172800.000	124.494	19.740	280.435
43184.605	48007.672	32645.219	1.022	14.760
1/2/2016 10:15:00 AM	173700.000	124.495	19.740	280.436
43171.371	47993.309	32635.453	1.022	14.770
1/2/2016 10:30:00 AM	174600.000	124.453	19.740	280.343
43155.684	47975.602	32623.414	1.022	14.766
1/2/2016 10:45:00 AM	175500.000	124.451	19.739	280.338
43184.926	48009.008	32646.125	1.022	14.753

1/2/2016 11:00:00 AM	176400.000	124.464	19.740	280.367
43154.297	47974.418	32622.607	1.022	14.760
1/2/2016 11:15:00 AM	177300.000	124.414	19.740	280.255
43211.727	48037.820	32665.723	1.022	14.755
1/2/2016 11:30:00 AM	178200.000	124.414	19.738	280.255
43165.574	47988.648	32632.283	1.022	14.750
1/2/2016 11:45:00 AM	179100.000	124.409	19.739	280.242
43181.172	48005.188	32643.527	1.022	14.745
1/2/2016 12:00:00 PM	180000.000	124.403	19.738	280.230
43196.977	48023.289	32655.838	1.022	14.742
1/2/2016 12:15:00 PM	180900.000	124.431	19.740	280.294
43198.680	48023.758	32656.158	1.022	14.738
1/2/2016 12:30:00 PM	181800.000	124.410	19.739	280.246
43193.945	48018.754	32652.756	1.022	14.731
1/2/2016 12:45:00 PM	182700.000	124.417	19.737	280.262
43174.938	48000.039	32640.029	1.022	14.722
1/2/2016 1:00:00 PM	183600.000	124.408	19.735	280.241
43135.223	47958.023	32611.457	1.022	14.729
1/2/2016 1:15:00 PM	184500.000	124.429	19.736	280.287
43187.684	48015.098	32650.270	1.022	14.719
1/2/2016 1:30:00 PM	185400.000	124.471	19.737	280.383
43173.387	47998.758	32639.156	1.022	14.715
1/2/2016 1:45:00 PM	186300.000	124.447	19.737	280.328
43158.637	47981.465	32627.400	1.022	14.718
1/2/2016 2:00:00 PM	187200.000	124.454	19.739	280.344
43188.121	48012.727	32648.654	1.022	14.716
1/2/2016 2:15:00 PM	188100.000	124.467	19.737	280.374
43164.277	47988.543	32632.209	1.022	14.718
1/2/2016 2:30:00 PM	189000.000	124.504	19.738	280.457
43189.844	48015.633	32650.631	1.022	14.723
1/2/2016 2:45:00 PM	189900.000	124.498	19.738	280.443
43177.332	48002.164	32641.477	1.022	14.709
1/2/2016 3:00:00 PM	190800.000	124.545	19.737	280.551
43179.492	48005.461	32643.715	1.022	14.709
1/2/2016 3:15:00 PM	191700.000	124.557	19.737	280.578
43166.746	47990.652	32633.648	1.022	14.709
1/2/2016 3:30:00 PM	192600.000	124.560	19.738	280.583
43176.594	48000.902	32640.613	1.022	14.709
1/2/2016 3:45:00 PM	193500.000	124.541	19.739	280.541
43170.520	47993.520	32635.594	1.022	14.714
1/2/2016 4:00:00 PM	194400.000	124.589	19.739	280.648
43160.844	47982.855	32628.342	1.022	14.709
1/2/2016 4:15:00 PM	195300.000	124.592	19.737	280.655
43208.969	48037.508	32665.508	1.022	14.711
1/2/2016 4:30:00 PM	196200.000	124.584	19.737	280.637
43170.305	47994.977	32636.586	1.022	14.702
1/2/2016 4:45:00 PM	197100.000	124.590	19.737	280.651
43164.086	47987.695	32631.633	1.022	14.701
1/2/2016 5:00:00 PM	198000.000	124.579	19.737	280.626
43176.980	48001.859	32641.266	1.022	14.710
1/2/2016 5:15:00 PM	198900.000	124.592	19.738	280.656
43149.199	47970.887	32620.205	1.022	14.704
1/2/2016 5:30:00 PM	199800.000	124.589	19.737	280.649
43161.254	47984.742	32629.627	1.022	14.704
1/2/2016 5:45:00 PM	200700.000	124.625	19.737	280.731
43146.145	47967.664	32618.012	1.022	14.701
1/2/2016 6:00:00 PM	201600.000	124.590	19.736	280.651

43184.629	48011.973	32648.145	1.022	14.701
1/2/2016 6:15:00 PM	202500.000	124.608	19.735	280.693
43164.023	47989.688	32632.988	1.022	14.707
1/2/2016 6:30:00 PM	203400.000	124.582	19.736	280.632
43175.746	48002.098	32641.426	1.022	14.698
1/2/2016 6:45:00 PM	204300.000	124.571	19.737	280.609
43201.156	48029.543	32660.092	1.022	14.700
1/2/2016 7:00:00 PM	205200.000	124.560	19.737	280.583
43136.891	47957.656	32611.209	1.022	14.702
1/2/2016 7:15:00 PM	206100.000	124.578	19.739	280.623
43158.824	47979.625	32626.145	1.022	14.704
1/2/2016 7:30:00 PM	207000.000	124.534	19.739	280.525
43161.820	47983.320	32628.658	1.022	14.705
1/2/2016 7:45:00 PM	207900.000	124.524	19.738	280.503
43169.945	47993.152	32635.346	1.022	14.707
1/2/2016 8:00:00 PM	208800.000	124.509	19.737	280.468
43131.664	47951.566	32607.066	1.022	14.706
1/2/2016 8:15:00 PM	209700.000	124.498	19.738	280.443
43179.957	48005.082	32643.459	1.022	14.702
1/2/2016 8:30:00 PM	210600.000	124.508	19.739	280.467
43179.844	48003.523	32642.398	1.022	14.711
1/2/2016 8:45:00 PM	211500.000	124.459	19.738	280.355
43193.293	48019.465	32653.236	1.022	14.718
1/2/2016 9:00:00 PM	212400.000	124.443	19.738	280.321
43159.488	47981.695	32627.557	1.022	14.720
1/2/2016 9:15:00 PM	213300.000	124.476	19.739	280.395
43197.715	48023.488	32655.975	1.022	14.710
1/2/2016 9:30:00 PM	214200.000	124.409	19.738	280.244
43192.926	48018.871	32652.832	1.022	14.724
1/2/2016 9:45:00 PM	215100.000	124.414	19.738	280.255
43191.047	48017.223	32651.715	1.022	14.716
1/2/2016 10:00:00 PM	216000.000	124.408	19.738	280.241
43177.035	48001.645	32641.121	1.022	14.714
1/2/2016 10:15:00 PM	216900.000	124.396	19.738	280.214
43174.953	47999.332	32639.549	1.022	14.717
1/2/2016 10:30:00 PM	217800.000	124.392	19.739	280.204
43163.422	47985.102	32629.871	1.022	14.712
1/2/2016 10:45:00 PM	218700.000	124.391	19.738	280.204
43163.699	47987.008	32631.168	1.022	14.709
1/2/2016 11:00:00 PM	219600.000	124.402	19.737	280.227
43183.500	48009.379	32646.381	1.022	14.705
1/2/2016 11:15:00 PM	220500.000	124.391	19.735	280.203
43140.945	47964.027	32615.539	1.022	14.708
1/2/2016 11:30:00 PM	221400.000	124.389	19.738	280.198
43158.699	47981.449	32627.389	1.022	14.712
1/2/2016 11:45:00 PM	222300.000	124.404	19.737	280.233
43152.902	47975.090	32623.063	1.022	14.705
1/3/2016 12:00:00 AM	223200.000	124.415	19.737	280.257
43144.027	47965.590	32616.604	1.022	14.703
1/3/2016 12:15:00 AM	224100.000	124.453	19.737	280.343
43157.879	47980.793	32626.941	1.022	14.704
1/3/2016 12:30:00 AM	225000.000	124.446	19.737	280.327
43164.922	47989.168	32632.637	1.022	14.698
1/3/2016 12:45:00 AM	225900.000	124.462	19.737	280.363
43173.965	47998.781	32639.172	1.022	14.697
1/3/2016 1:00:00 AM	226800.000	124.483	19.736	280.411
43177.723	48003.938	32642.682	1.022	14.696

1/3/2016 1:15:00 AM	227700.000	124.499	19.736	280.445
43152.254	47975.977	32623.664	1.022	14.697
1/3/2016 1:30:00 AM	228600.000	124.560	19.736	280.584
43168.531	47994.160	32636.031	1.022	14.693
1/3/2016 1:45:00 AM	229500.000	124.553	19.738	280.568
43153.699	47975.090	32623.063	1.022	14.693
1/3/2016 2:00:00 AM	230400.000	124.572	19.741	280.609
43173.359	47994.281	32636.111	1.022	14.693
1/3/2016 2:15:00 AM	231300.000	124.606	19.738	280.688
43188.785	48014.453	32649.830	1.022	14.691
1/3/2016 2:30:00 AM	232200.000	124.626	19.740	280.732
43160.730	47981.480	32627.406	1.022	14.695
1/3/2016 2:45:00 AM	233100.000	124.689	19.738	280.875
43217.938	48046.504	32671.623	1.022	14.695
1/3/2016 3:00:00 AM	234000.000	124.684	19.738	280.862
43171.461	47994.742	32636.430	1.022	14.692
1/3/2016 3:15:00 AM	234900.000	124.742	19.741	280.994
43163.547	47983.809	32628.990	1.022	14.690
1/3/2016 3:30:00 AM	235800.000	124.735	19.740	280.978
43183.324	48006.246	32644.248	1.022	14.693
1/3/2016 3:45:00 AM	236700.000	124.797	19.740	281.116
43144.363	47963.102	32614.910	1.022	14.685
1/3/2016 4:00:00 AM	237600.000	124.823	19.738	281.175
43160.023	47982.383	32628.021	1.022	14.682
1/3/2016 4:15:00 AM	238500.000	124.815	19.740	281.158
43185.410	48008.914	32646.064	1.022	14.685
1/3/2016 4:30:00 AM	239400.000	124.878	19.738	281.299
43133.238	47952.344	32607.594	1.022	14.673
1/3/2016 4:45:00 AM	240300.000	124.901	19.737	281.351
43148.215	47970.051	32619.637	1.022	14.667
1/3/2016 5:00:00 AM	241200.000	124.880	19.737	281.303
43167.250	47991.492	32634.217	1.022	14.670
1/3/2016 5:15:00 AM	242100.000	124.924	19.737	281.404
43175.223	48000.270	32640.186	1.022	14.675
1/3/2016 5:30:00 AM	243000.000	124.905	19.739	281.360
43145.578	47964.984	32616.191	1.022	14.672
1/3/2016 5:45:00 AM	243900.000	124.913	19.739	281.379
43153.332	47974.504	32622.666	1.022	14.667
1/3/2016 6:00:00 AM	244800.000	124.922	19.738	281.398
43179.344	48004.215	32642.867	1.022	14.664
1/3/2016 6:15:00 AM	245700.000	124.920	19.739	281.394
43164.816	47987.094	32631.227	1.022	14.666
1/3/2016 6:30:00 AM	246600.000	124.903	19.736	281.355
43150.820	47973.852	32622.219	1.022	14.674
1/3/2016 6:45:00 AM	247500.000	124.904	19.738	281.360
43184.383	48010.004	32646.805	1.022	14.672
1/3/2016 7:00:00 AM	248400.000	124.925	19.737	281.405
43174.113	47998.844	32639.217	1.022	14.667
1/3/2016 7:15:00 AM	249300.000	124.876	19.739	281.295
43178.848	48002.777	32641.891	1.022	14.672
1/3/2016 7:30:00 AM	250200.000	124.850	19.738	281.236
43195.090	48021.191	32654.412	1.022	14.675
1/3/2016 7:45:00 AM	251100.000	124.848	19.739	281.232
43141.465	47960.504	32613.145	1.022	14.668
1/3/2016 8:00:00 AM	252000.000	124.829	19.739	281.190
43184.418	48009.063	32646.164	1.022	14.673
1/3/2016 8:15:00 AM	252900.000	124.831	19.740	281.194

43199.055	48024.082	32656.379	1.022	14.673
1/3/2016 8:30:00 AM	253800.000	124.770	19.740	281.056
43171.133	47993.223	32635.395	1.022	14.674
1/3/2016 8:45:00 AM	254700.000	124.772	19.739	281.061
43145.762	47966.086	32616.939	1.022	14.682
1/3/2016 9:00:00 AM	255600.000	124.722	19.738	280.949
43193.387	48019.742	32653.428	1.022	14.680
1/3/2016 9:15:00 AM	256500.000	124.701	19.738	280.901
43173.180	47996.746	32637.787	1.022	14.675
1/3/2016 9:30:00 AM	257400.000	124.699	19.738	280.896
43142.203	47962.395	32614.430	1.022	14.688
1/3/2016 9:45:00 AM	258300.000	124.640	19.738	280.763
43166.219	47989.273	32632.709	1.022	14.675
1/3/2016 10:00:00 AM	259200.000	124.617	19.737	280.713
43174.023	47998.570	32639.031	1.022	14.673
1/3/2016 10:15:00 AM	260100.000	124.584	19.737	280.637
43183.254	48009.727	32646.617	1.022	14.676
1/3/2016 10:30:00 AM	261000.000	124.559	19.739	280.582
43142.676	47962.391	32614.426	1.022	14.673
1/3/2016 10:45:00 AM	261900.000	124.532	19.742	280.520
43175.488	47996.020	32637.295	1.022	14.668
1/3/2016 11:00:00 AM	262800.000	124.504	19.740	280.456
43168.172	47989.750	32633.033	1.022	14.667
1/3/2016 11:15:00 AM	263700.000	124.491	19.739	280.427
43188.102	48012.348	32648.398	1.022	14.664
1/3/2016 11:30:00 AM	264600.000	124.476	19.738	280.395
43160.504	47982.563	32628.143	1.022	14.657
1/3/2016 11:45:00 AM	265500.000	124.460	19.738	280.359
43159.914	47982.359	32628.006	1.022	14.655
1/3/2016 12:00:00 PM	266400.000	124.439	19.740	280.310
43183.645	48006.953	32644.730	1.022	14.654
1/3/2016 12:15:00 PM	267300.000	124.438	19.739	280.309
43150.609	47970.938	32620.238	1.022	14.646
1/3/2016 12:30:00 PM	268200.000	124.424	19.738	280.278
43164.988	47987.902	32631.775	1.022	14.643
1/3/2016 12:45:00 PM	269100.000	124.406	19.737	280.237
43174.250	47998.910	32639.264	1.022	14.646
1/3/2016 1:00:00 PM	270000.000	124.409	19.738	280.244
43177.344	48001.734	32641.182	1.022	14.640
1/3/2016 1:15:00 PM	270900.000	124.434	19.736	280.299
43168.754	47994.324	32636.143	1.022	14.638
1/3/2016 1:30:00 PM	271800.000	124.418	19.737	280.263
43164.816	47988.508	32632.188	1.022	14.625
1/3/2016 1:45:00 PM	272700.000	124.463	19.736	280.365
43172.289	47997.898	32638.572	1.022	14.615
1/3/2016 2:00:00 PM	273600.000	124.436	19.740	280.305
43144.238	47962.879	32614.758	1.022	14.621
1/3/2016 2:15:00 PM	274500.000	124.433	19.740	280.297
43173.605	47995.168	32636.715	1.022	14.624
1/3/2016 2:30:00 PM	275400.000	124.443	19.737	280.321
43169.691	47994.207	32636.063	1.022	14.624
1/3/2016 2:45:00 PM	276300.000	124.501	19.740	280.451
43146.668	47966.023	32616.898	1.022	14.613
1/3/2016 3:00:00 PM	277200.000	124.467	19.738	280.374
43149.285	47970.184	32619.725	1.022	14.627
1/3/2016 3:15:00 PM	278100.000	124.493	19.740	280.432
43139.453	47957.559	32611.141	1.022	14.615

1/3/2016 3:30:00 PM	279000.000	124.504	19.739	280.457
43125.957	47943.715	32601.727	1.022	14.621
1/3/2016 3:45:00 PM	279900.000	124.530	19.739	280.516
43185.855	48009.676	32646.580	1.022	14.610
1/3/2016 4:00:00 PM	280800.000	124.541	19.741	280.541
43154.242	47973.113	32621.719	1.022	14.615
1/3/2016 4:15:00 PM	281700.000	124.556	19.740	280.575
43160.938	47981.086	32627.141	1.022	14.617
1/3/2016 4:30:00 PM	282600.000	124.571	19.742	280.609
43161.031	47979.766	32626.244	1.022	14.618
1/3/2016 4:45:00 PM	283500.000	124.598	19.740	280.670
43186.246	48009.496	32646.457	1.022	14.615
1/3/2016 5:00:00 PM	284400.000	124.646	19.740	280.777
43144.758	47963.098	32614.906	1.022	14.613
1/3/2016 5:15:00 PM	285300.000	124.624	19.741	280.728
43172.484	47993.121	32635.322	1.022	14.612
1/3/2016 5:30:00 PM	286200.000	124.633	19.742	280.748
43164.082	47983.074	32628.490	1.022	14.613
1/3/2016 5:45:00 PM	287100.000	124.671	19.741	280.833
43177.535	47998.473	32638.961	1.022	14.622
1/3/2016 6:00:00 PM	288000.000	124.687	19.741	280.871
43162.793	47982.254	32627.934	1.022	14.613
1/3/2016 6:15:00 PM	288900.000	124.656	19.740	280.799
43152.523	47972.172	32621.078	1.022	14.618
1/3/2016 6:30:00 PM	289800.000	124.661	19.739	280.812
43162.066	47983.594	32628.846	1.022	14.619
1/3/2016 6:45:00 PM	290700.000	124.666	19.741	280.822
43140.203	47956.973	32610.744	1.022	14.619
1/3/2016 7:00:00 PM	291600.000	124.659	19.740	280.807
43157.656	47977.879	32624.959	1.022	14.624
1/3/2016 7:15:00 PM	292500.000	124.658	19.739	280.805
43163.680	47985.914	32630.424	1.022	14.625
1/3/2016 7:30:00 PM	293400.000	124.655	19.741	280.798
43188.344	48010.938	32647.438	1.022	14.625
1/3/2016 7:45:00 PM	294300.000	124.654	19.740	280.796
43170.945	47992.211	32634.705	1.022	14.622
1/3/2016 8:00:00 PM	295200.000	124.674	19.741	280.840
43177.672	47998.711	32639.125	1.022	14.625
1/3/2016 8:15:00 PM	296100.000	124.669	19.742	280.830
43192.359	48014.590	32649.926	1.022	14.625
1/3/2016 8:30:00 PM	297000.000	124.635	19.740	280.753
43151.207	47970.543	32619.969	1.022	14.618
1/3/2016 8:45:00 PM	297900.000	124.653	19.739	280.794
43182.113	48005.598	32643.807	1.022	14.620
1/3/2016 9:00:00 PM	298800.000	124.644	19.741	280.772
43147.328	47965.602	32616.611	1.022	14.620
1/3/2016 9:15:00 PM	299700.000	124.587	19.741	280.645
43148.809	47966.801	32617.428	1.022	14.624
1/3/2016 9:30:00 PM	300600.000	124.617	19.744	280.712
43169.848	47987.078	32631.215	1.022	14.619
1/3/2016 9:45:00 PM	301500.000	124.564	19.744	280.592
43185.410	48004.473	32643.043	1.022	14.623
1/3/2016 10:00:00 PM	302400.000	124.559	19.742	280.582
43191.254	48013.008	32648.846	1.022	14.620
1/3/2016 10:15:00 PM	303300.000	124.547	19.741	280.555
43175.930	47996.594	32637.684	1.022	14.623
1/3/2016 10:30:00 PM	304200.000	124.540	19.742	280.538

43181.605	48002.457	32641.674	1.022	14.623
1/3/2016 10:45:00 PM	305100.000	124.529	19.742	280.513
43159.074	47977.770	32624.885	1.022	14.628
1/3/2016 11:00:00 PM	306000.000	124.527	19.742	280.509
43171.191	47990.617	32633.621	1.022	14.620
1/3/2016 11:15:00 PM	306900.000	124.524	19.742	280.503
43177.957	47997.961	32638.615	1.022	14.620
1/3/2016 11:30:00 PM	307800.000	124.515	19.743	280.483
43174.551	47993.102	32635.311	1.022	14.626
1/3/2016 11:45:00 PM	308700.000	124.514	19.742	280.479
43164.797	47983.332	32628.666	1.022	14.626
1/4/2016 12:00:00 AM	309600.000	124.517	19.743	280.487
43146.551	47962.871	32614.754	1.022	14.620
1/4/2016 12:15:00 AM	310500.000	124.517	19.743	280.487
43177.633	47997.422	32638.248	1.022	14.622
1/4/2016 12:30:00 AM	311400.000	124.528	19.744	280.512
43179.055	47997.223	32638.111	1.022	14.616
1/4/2016 12:45:00 AM	312300.000	124.547	19.743	280.554
43123.988	47936.980	32597.148	1.022	14.612
1/4/2016 1:00:00 AM	313200.000	124.581	19.741	280.631
43140.922	47957.941	32611.400	1.022	14.616
1/4/2016 1:15:00 AM	314100.000	124.562	19.741	280.589
43163.629	47983.637	32628.875	1.022	14.620
1/4/2016 1:30:00 AM	315000.000	124.585	19.741	280.641
43178.176	47999.270	32639.508	1.022	14.609
1/4/2016 1:45:00 AM	315900.000	124.635	19.741	280.753
43143.727	47960.973	32613.465	1.022	14.613
1/4/2016 2:00:00 AM	316800.000	124.618	19.742	280.714
43162.266	47980.609	32626.816	1.022	14.617
1/4/2016 2:15:00 AM	317700.000	124.645	19.741	280.775
43153.652	47972.723	32621.453	1.022	14.615
1/4/2016 2:30:00 AM	318600.000	124.702	19.741	280.904
43199.367	48023.449	32655.949	1.022	14.615
1/4/2016 2:45:00 AM	319500.000	124.701	19.740	280.901
43158.883	47979.156	32625.828	1.022	14.614
1/4/2016 3:00:00 AM	320400.000	124.725	19.741	280.955
43158.527	47977.426	32624.652	1.022	14.616
1/4/2016 3:15:00 AM	321300.000	124.786	19.744	281.092
43139.828	47954.059	32608.762	1.022	14.614
1/4/2016 3:30:00 AM	322200.000	124.780	19.744	281.078
43171.398	47988.898	32632.453	1.022	14.608
1/4/2016 3:45:00 AM	323100.000	124.848	19.744	281.233
43172.977	47990.559	32633.584	1.022	14.601
1/4/2016 4:00:00 AM	324000.000	124.838	19.745	281.209
43154.207	47969.254	32619.096	1.022	14.603
1/4/2016 4:15:00 AM	324900.000	124.867	19.743	281.275
43167.551	47986.129	32630.570	1.022	14.600
1/4/2016 4:30:00 AM	325800.000	124.925	19.745	281.405
43146.625	47960.195	32612.934	1.022	14.601
1/4/2016 4:45:00 AM	326700.000	124.915	19.745	281.382
43178.813	47996.414	32637.566	1.022	14.601
1/4/2016 5:00:00 AM	327600.000	124.943	19.742	281.447
43167.133	47986.371	32630.734	1.022	14.599
1/4/2016 5:15:00 AM	328500.000	124.974	19.742	281.516
43182.543	48003.324	32642.262	1.022	14.597
1/4/2016 5:30:00 AM	329400.000	125.023	19.745	281.626
43119.105	47930.047	32592.434	1.022	14.600

1/4/2016 5:45:00 AM	330300.000	125.028	19.743	281.639
43154.602	47970.840	32620.174	1.022	14.600
1/4/2016 6:00:00 AM	331200.000	125.012	19.743	281.602
43180.965	48000.676	32640.461	1.022	14.601
1/4/2016 6:15:00 AM	332100.000	125.014	19.743	281.607
43174.984	47994.477	32636.246	1.022	14.601
1/4/2016 6:30:00 AM	333000.000	125.022	19.744	281.624
43165.238	47982.484	32628.090	1.022	14.599
1/4/2016 6:45:00 AM	333900.000	125.052	19.742	281.691
43171.422	47990.875	32633.797	1.022	14.605
1/4/2016 7:00:00 AM	334800.000	125.012	19.744	281.601
43160.789	47977.445	32624.664	1.022	14.615
1/4/2016 7:15:00 AM	335700.000	125.029	19.743	281.640
43188.938	48009.367	32646.369	1.022	14.620
1/4/2016 7:30:00 AM	336600.000	124.994	19.741	281.561
43169.473	47989.961	32633.176	1.022	14.609
1/4/2016 7:45:00 AM	337500.000	125.000	19.742	281.576
43167.191	47986.613	32630.898	1.022	14.617
1/4/2016 8:00:00 AM	338400.000	124.964	19.743	281.493
43168.828	47986.918	32631.107	1.022	14.613
1/4/2016 8:15:00 AM	339300.000	124.943	19.743	281.446
43184.227	48004.035	32642.746	1.022	14.613
1/4/2016 8:30:00 AM	340200.000	124.956	19.744	281.476
43188.652	48008.418	32645.725	1.022	14.611
1/4/2016 8:45:00 AM	341100.000	124.898	19.741	281.345
43157.695	47976.590	32624.084	1.022	14.617
1/4/2016 9:00:00 AM	342000.000	124.907	19.742	281.364
43154.230	47972.121	32621.045	1.022	14.614
1/4/2016 9:15:00 AM	342900.000	124.875	19.742	281.294
43159.898	47978.063	32625.084	1.022	14.617
1/4/2016 9:30:00 AM	343800.000	124.846	19.740	281.227
43176.441	47998.320	32638.859	1.022	14.623
1/4/2016 9:45:00 AM	344700.000	124.781	19.740	281.081
43156.656	47976.504	32624.023	1.022	14.622
1/4/2016 10:00:00 AM	345600.000	124.750	19.740	281.011
43175.461	47997.410	32638.240	1.022	14.627
1/4/2016 10:15:00 AM	346500.000	124.712	19.739	280.925
43137.570	47956.273	32610.268	1.022	14.629
1/4/2016 10:30:00 AM	347400.000	124.683	19.740	280.862
43163.727	47984.629	32629.551	1.022	14.626
1/4/2016 10:45:00 AM	348300.000	124.657	19.740	280.802
43144.145	47962.504	32614.506	1.022	14.622
1/4/2016 11:00:00 AM	349200.000	124.616	19.740	280.710
43164.543	47985.895	32630.410	1.022	14.626
1/4/2016 11:15:00 AM	350100.000	124.621	19.738	280.721
43160.379	47982.602	32628.170	1.022	14.623
1/4/2016 11:30:00 AM	351000.000	124.565	19.739	280.595
43189.637	48014.410	32649.799	1.022	14.623
1/4/2016 11:45:00 AM	351900.000	124.524	19.737	280.503
43160.336	47983.629	32628.867	1.022	14.621
1/4/2016 12:00:00 PM	352800.000	124.504	19.739	280.456
43165.238	47987.563	32631.547	1.022	14.618
1/4/2016 12:15:00 PM	353700.000	124.519	19.737	280.492
43152.445	47975.477	32623.326	1.022	14.614
1/4/2016 12:30:00 PM	354600.000	124.460	19.738	280.358
43176.879	48001.031	32640.701	1.022	14.611
1/4/2016 12:45:00 PM	355500.000	124.436	19.737	280.305

43166.234	47990.277	32633.389	1.022	14.611
1/4/2016 1:00:00 PM	356400.000	124.458	19.738	280.355
43165.188	47987.945	32631.805	1.022	14.605
1/4/2016 1:15:00 PM	357300.000	124.417	19.737	280.262
43163.551	47987.379	32631.420	1.022	14.603
1/4/2016 1:30:00 PM	358200.000	124.403	19.737	280.231
43180.160	48006.289	32644.279	1.022	14.605
1/4/2016 1:45:00 PM	359100.000	124.433	19.736	280.297
43178.551	48005.121	32643.482	1.022	14.599
1/4/2016 2:00:00 PM	360000.000	124.404	19.735	280.233
43189.164	48018.258	32652.416	1.022	14.595
1/4/2016 2:15:00 PM	360900.000	124.401	19.737	280.226
43190.078	48017.043	32651.592	1.022	14.601
1/4/2016 2:30:00 PM	361800.000	124.409	19.735	280.244
43171.488	47997.898	32638.572	1.022	14.598
1/4/2016 2:45:00 PM	362700.000	124.409	19.736	280.242
43153.156	47976.980	32624.348	1.022	14.599
1/4/2016 3:00:00 PM	363600.000	124.419	19.735	280.266
43206.082	48037.164	32665.271	1.022	14.596
1/4/2016 3:15:00 PM	364500.000	124.476	19.734	280.393
43161.270	47987.508	32631.508	1.022	14.592
1/4/2016 3:30:00 PM	365400.000	124.458	19.735	280.355
43175.523	48002.648	32641.805	1.022	14.591
1/4/2016 3:45:00 PM	366300.000	124.468	19.733	280.377
43169.617	47998.570	32639.031	1.022	14.596
1/4/2016 4:00:00 PM	367200.000	124.492	19.732	280.431
43164.148	47993.121	32635.322	1.022	14.591
1/4/2016 4:15:00 PM	368100.000	124.508	19.732	280.467
43155.992	47984.320	32629.342	1.022	14.594
1/4/2016 4:30:00 PM	369000.000	124.533	19.731	280.522
43171.977	48002.535	32641.727	1.022	14.591
1/4/2016 4:45:00 PM	369900.000	124.557	19.733	280.578
43177.484	48006.875	32644.676	1.022	14.594
1/4/2016 5:00:00 PM	370800.000	124.580	19.732	280.629
43162.820	47991.465	32634.197	1.022	14.599
1/4/2016 5:15:00 PM	371700.000	124.594	19.730	280.660
43141.273	47969.281	32619.113	1.022	14.601
1/4/2016 5:30:00 PM	372600.000	124.628	19.731	280.736
43182.402	48014.398	32649.791	1.022	14.591
1/4/2016 5:45:00 PM	373500.000	124.626	19.731	280.733
43128.227	47954.074	32608.771	1.022	14.605
1/4/2016 6:00:00 PM	374400.000	124.678	19.733	280.848
43160.492	47988.254	32632.016	1.022	14.601
1/4/2016 6:15:00 PM	375300.000	124.659	19.733	280.807
43187.961	48018.523	32652.596	1.022	14.606
1/4/2016 6:30:00 PM	376200.000	124.674	19.736	280.841
43165.504	47990.176	32633.324	1.022	14.601
1/4/2016 6:45:00 PM	377100.000	124.732	19.733	280.971
43184.590	48014.867	32650.111	1.022	14.599
1/4/2016 7:00:00 PM	378000.000	124.700	19.732	280.899
43150.367	47977.969	32625.023	1.022	14.602
1/4/2016 7:15:00 PM	378900.000	124.713	19.731	280.928
43142.266	47970.129	32619.689	1.022	14.602
1/4/2016 7:30:00 PM	379800.000	124.755	19.733	281.023
43150.762	47977.258	32624.539	1.022	14.594
1/4/2016 7:45:00 PM	380700.000	124.720	19.733	280.944
43171.414	47999.777	32639.852	1.022	14.606

1/4/2016 8:00:00 PM	381600.000	124.766	19.735	281.049
43173.074	48000.465	32640.320	1.022	14.594
1/4/2016 8:15:00 PM	382500.000	124.733	19.734	280.974
43148.102	47973.754	32622.154	1.022	14.598
1/4/2016 8:30:00 PM	383400.000	124.728	19.735	280.962
43192.387	48021.398	32654.553	1.022	14.603
1/4/2016 8:45:00 PM	384300.000	124.730	19.733	280.966
43165.863	47993.871	32635.834	1.022	14.600
1/4/2016 9:00:00 PM	385200.000	124.719	19.733	280.941
43139.902	47965.004	32616.203	1.022	14.597
1/4/2016 9:15:00 PM	386100.000	124.715	19.733	280.932
43139.832	47965.551	32616.578	1.022	14.595
1/4/2016 9:30:00 PM	387000.000	124.706	19.732	280.913
43169.297	47998.402	32638.916	1.022	14.595
1/4/2016 9:45:00 PM	387900.000	124.699	19.733	280.897
43155.680	47983.074	32628.490	1.022	14.595
1/4/2016 10:00:00 PM	388800.000	124.696	19.734	280.890
43174.184	48001.785	32641.217	1.022	14.587
1/4/2016 10:15:00 PM	389700.000	124.686	19.733	280.867
43194.367	48026.004	32657.684	1.022	14.589
1/4/2016 10:30:00 PM	390600.000	124.673	19.732	280.839
43164.242	47993.133	32635.330	1.022	14.587
1/4/2016 10:45:00 PM	391500.000	124.655	19.733	280.797
43137.855	47963.352	32615.082	1.022	14.588
1/4/2016 11:00:00 PM	392400.000	124.679	19.733	280.851
43191.035	48021.684	32654.746	1.022	14.583
1/4/2016 11:15:00 PM	393300.000	124.674	19.734	280.840
43162.898	47989.766	32633.041	1.022	14.584
1/4/2016 11:30:00 PM	394200.000	124.629	19.735	280.740
43191.500	48020.762	32654.121	1.022	14.583
1/4/2016 11:45:00 PM	395100.000	124.655	19.733	280.797
43157.492	47984.391	32629.387	1.022	14.584
1/5/2016 12:00:00 AM	396000.000	124.623	19.731	280.726
43159.953	47989.164	32632.633	1.022	14.578
1/5/2016 12:15:00 AM	396900.000	124.634	19.732	280.750
43162.480	47991.086	32633.941	1.022	14.570
1/5/2016 12:30:00 AM	397800.000	124.660	19.732	280.809
43161.879	47990.328	32633.426	1.022	14.570
1/5/2016 12:45:00 AM	398700.000	124.627	19.733	280.733
43136.480	47960.938	32613.438	1.022	14.575
1/5/2016 1:00:00 AM	399600.000	124.667	19.732	280.825
43139.512	47965.727	32616.695	1.022	14.568
1/5/2016 1:15:00 AM	400500.000	124.681	19.732	280.857
43171.656	48001.199	32640.820	1.022	14.569
1/5/2016 1:30:00 AM	401400.000	124.643	19.734	280.771
43185.473	48014.336	32649.750	1.022	14.565
1/5/2016 1:45:00 AM	402300.000	124.653	19.732	280.793
43120.973	47944.938	32602.563	1.022	14.568
1/5/2016 2:00:00 AM	403200.000	124.703	19.736	280.905
43181.875	48008.996	32646.117	1.022	14.568
1/5/2016 2:15:00 AM	404100.000	124.699	19.735	280.897
43204.156	48034.750	32663.631	1.022	14.562
1/5/2016 2:30:00 AM	405000.000	124.721	19.733	280.946
43190.902	48021.797	32654.824	1.022	14.559
1/5/2016 2:45:00 AM	405900.000	124.769	19.731	281.055
43158.832	47988.012	32631.848	1.022	14.562
1/5/2016 3:00:00 AM	406800.000	124.765	19.731	281.046

43150.133	47979.047	32625.756	1.022	14.559
1/5/2016 3:15:00 AM	407700.000	124.822	19.731	281.175
43141.996	47969.113	32619.000	1.022	14.552
1/5/2016 3:30:00 AM	408600.000	124.810	19.731	281.147
43194.398	48027.652	32658.807	1.022	14.552
1/5/2016 3:45:00 AM	409500.000	124.852	19.730	281.242
43171.535	48003.285	32642.234	1.022	14.543
1/5/2016 4:00:00 AM	410400.000	124.886	19.731	281.319
43164.285	47994.785	32636.455	1.022	14.540
1/5/2016 4:15:00 AM	411300.000	124.902	19.730	281.355
43151.785	47981.871	32627.674	1.022	14.545
1/5/2016 4:30:00 AM	412200.000	124.948	19.727	281.457
43167.887	48002.082	32641.418	1.022	14.539
1/5/2016 4:45:00 AM	413100.000	124.999	19.729	281.572
43124.398	47951.684	32607.146	1.022	14.550
1/5/2016 5:00:00 AM	414000.000	125.004	19.730	281.584
43127.141	47953.754	32608.555	1.022	14.540
1/5/2016 5:15:00 AM	414900.000	125.033	19.729	281.649
43147.199	47977.309	32624.572	1.022	14.543
1/5/2016 5:30:00 AM	415800.000	125.061	19.729	281.712
43174.273	48007.227	32644.916	1.022	14.543
1/5/2016 5:45:00 AM	416700.000	125.092	19.728	281.782
43174.371	48009.031	32646.141	1.022	14.541
1/5/2016 6:00:00 AM	417600.000	125.112	19.728	281.828
43136.359	47966.227	32617.035	1.022	14.540
1/5/2016 6:15:00 AM	418500.000	125.161	19.728	281.938
43168.758	48002.875	32641.957	1.022	14.535
1/5/2016 6:30:00 AM	419400.000	125.133	19.728	281.875
43144.027	47974.750	32622.834	1.022	14.541
1/5/2016 6:45:00 AM	420300.000	125.148	19.728	281.907
43174.766	48009.102	32646.191	1.022	14.545
1/5/2016 7:00:00 AM	421200.000	125.154	19.730	281.921
43160.117	47990.770	32633.725	1.022	14.543
1/5/2016 7:15:00 AM	422100.000	125.150	19.730	281.911
43187.813	48021.563	32654.664	1.022	14.556
1/5/2016 7:30:00 AM	423000.000	125.156	19.733	281.925
43168.645	47997.586	32638.359	1.022	14.550
1/5/2016 7:45:00 AM	423900.000	125.180	19.732	281.980
43174.875	48005.500	32643.742	1.022	14.553
1/5/2016 8:00:00 AM	424800.000	125.132	19.731	281.873
43158.082	47987.086	32631.223	1.022	14.553
1/5/2016 8:15:00 AM	425700.000	125.148	19.733	281.908
43166.602	47995.219	32636.754	1.022	14.555
1/5/2016 8:30:00 AM	426600.000	125.126	19.736	281.857
43162.703	47987.680	32631.627	1.022	14.563
1/5/2016 8:45:00 AM	427500.000	125.084	19.734	281.764
43147.445	47972.234	32621.121	1.022	14.559
1/5/2016 9:00:00 AM	428400.000	125.059	19.734	281.709
43148.387	47973.988	32622.314	1.022	14.560
1/5/2016 9:15:00 AM	429300.000	125.068	19.733	281.728
43168.605	47997.359	32638.207	1.022	14.567
1/5/2016 9:30:00 AM	430200.000	125.004	19.734	281.583
43182.637	48011.266	32647.664	1.022	14.566
1/5/2016 9:45:00 AM	431100.000	124.979	19.732	281.527
43151.074	47978.668	32625.496	1.022	14.567
1/5/2016 10:00:00 AM	432000.000	124.932	19.734	281.422
43136.984	47960.953	32613.449	1.022	14.580

1/5/2016 10:15:00 AM	432900.000	124.901	19.733	281.351
43162.121	47990.332	32633.426	1.022	14.579
1/5/2016 10:30:00 AM	433800.000	124.861	19.733	281.262
43169.012	47997.199	32638.096	1.022	14.591
1/5/2016 10:45:00 AM	434700.000	124.817	19.732	281.163
43142.078	47968.945	32618.885	1.022	14.590
1/5/2016 11:00:00 AM	435600.000	124.791	19.732	281.104
43128.352	47953.227	32608.195	1.022	14.588
1/5/2016 11:15:00 AM	436500.000	124.742	19.731	280.993
43160.082	47989.223	32632.676	1.022	14.590
1/5/2016 11:30:00 AM	437400.000	124.702	19.732	280.903
43153.852	47981.402	32627.354	1.022	14.590
1/5/2016 11:45:00 AM	438300.000	124.662	19.732	280.813
43163.406	47992.023	32634.578	1.022	14.597
1/5/2016 12:00:00 PM	439200.000	124.631	19.733	280.744
43170.137	47999.063	32639.365	1.022	14.589
1/5/2016 12:15:00 PM	440100.000	124.596	19.731	280.665
43149.852	47977.934	32624.996	1.022	14.593
1/5/2016 12:30:00 PM	441000.000	124.600	19.732	280.674
43150.902	47978.758	32625.557	1.022	14.594
1/5/2016 12:45:00 PM	441900.000	124.540	19.732	280.538
43157.973	47986.340	32630.711	1.022	14.594
1/5/2016 1:00:00 PM	442800.000	124.516	19.731	280.485
43171.777	48002.500	32641.705	1.022	14.594
1/5/2016 1:15:00 PM	443700.000	124.476	19.732	280.394
43168.852	47998.801	32639.188	1.022	14.607
1/5/2016 1:30:00 PM	444600.000	124.460	19.731	280.359
43152.715	47981.387	32627.346	1.022	14.604
1/5/2016 1:45:00 PM	445500.000	124.435	19.731	280.303
43170.883	48001.316	32640.896	1.022	14.606
1/5/2016 2:00:00 PM	446400.000	124.464	19.731	280.367
43159.418	47988.758	32632.359	1.022	14.608
1/5/2016 2:15:00 PM	447300.000	124.401	19.732	280.225
43188.953	48021.238	32654.441	1.022	14.609
1/5/2016 2:30:00 PM	448200.000	124.409	19.731	280.243
43153.883	47982.773	32628.289	1.022	14.608
1/5/2016 2:45:00 PM	449100.000	124.380	19.730	280.179
43168.395	47999.973	32639.984	1.022	14.612
1/5/2016 3:00:00 PM	450000.000	124.411	19.730	280.249
43174.559	48007.191	32644.895	1.022	14.608
1/5/2016 3:15:00 PM	450900.000	124.420	19.729	280.267
43178.141	48011.441	32647.781	1.022	14.614
1/5/2016 3:30:00 PM	451800.000	124.456	19.731	280.350
43181.277	48013.590	32649.242	1.022	14.615
1/5/2016 3:45:00 PM	452700.000	124.431	19.733	280.292
43168.965	47997.316	32638.176	1.022	14.617
1/5/2016 4:00:00 PM	453600.000	124.437	19.731	280.307
43153.820	47982.617	32628.182	1.022	14.622
1/5/2016 4:15:00 PM	454500.000	124.465	19.732	280.371
43173.480	48003.227	32642.197	1.022	14.621
1/5/2016 4:30:00 PM	455400.000	124.476	19.732	280.394
43154.813	47982.648	32628.205	1.022	14.625
1/5/2016 4:45:00 PM	456300.000	124.508	19.731	280.466
43115.293	47940.309	32599.410	1.022	14.626
1/5/2016 5:00:00 PM	457200.000	124.520	19.729	280.493
43135.930	47964.418	32615.807	1.022	14.633
1/5/2016 5:15:00 PM	458100.000	124.546	19.729	280.551

43163.262	47994.895	32636.531	1.022	14.628
1/5/2016 5:30:00 PM	459000.000	124.564	19.727	280.592
43165.559	47999.496	32639.660	1.022	14.640
1/5/2016 5:45:00 PM	459900.000	124.597	19.727	280.666
43160.027	47994.055	32635.959	1.022	14.636
1/5/2016 6:00:00 PM	460800.000	124.614	19.728	280.706
43159.746	47992.137	32634.654	1.022	14.639
1/5/2016 6:15:00 PM	461700.000	124.644	19.727	280.774
43162.871	47997.043	32637.992	1.022	14.642
1/5/2016 6:30:00 PM	462600.000	124.678	19.727	280.849
43199.801	48037.836	32665.730	1.022	14.647
1/5/2016 6:45:00 PM	463500.000	124.679	19.727	280.851
43146.500	47979.102	32625.789	1.022	14.643
1/5/2016 7:00:00 PM	464400.000	124.706	19.727	280.912
43166.902	48001.789	32641.221	1.022	14.645
1/5/2016 7:15:00 PM	465300.000	124.734	19.731	280.975
43166.105	47996.809	32637.832	1.022	14.645
1/5/2016 7:30:00 PM	466200.000	124.718	19.733	280.939
43172.082	48001.227	32640.834	1.022	14.649
1/5/2016 7:45:00 PM	467100.000	124.782	19.733	281.084
43113.695	47935.953	32596.451	1.022	14.650
1/5/2016 8:00:00 PM	468000.000	124.748	19.734	281.006
43150.961	47976.848	32624.256	1.022	14.650
1/5/2016 8:15:00 PM	468900.000	124.762	19.734	281.039
43158.398	47985.117	32629.883	1.022	14.654
1/5/2016 8:30:00 PM	469800.000	124.767	19.733	281.051
43180.172	48010.219	32646.949	1.022	14.652
1/5/2016 8:45:00 PM	470700.000	124.771	19.732	281.059
43139.926	47966.188	32617.008	1.022	14.657
1/5/2016 9:00:00 PM	471600.000	124.803	19.732	281.131
43132.184	47958.117	32611.523	1.022	14.665
1/5/2016 9:15:00 PM	472500.000	124.765	19.730	281.046
43141.520	47969.555	32619.297	1.022	14.671
1/5/2016 9:30:00 PM	473400.000	124.769	19.731	281.055
43147.383	47975.816	32623.559	1.022	14.667
1/5/2016 9:45:00 PM	474300.000	124.784	19.730	281.088
43136.473	47964.035	32615.547	1.022	14.674
1/5/2016 10:00:00 PM	475200.000	124.796	19.732	281.115
43188.652	48020.633	32654.033	1.022	14.670
1/5/2016 10:15:00 PM	476100.000	124.756	19.731	281.026
43151.297	47979.980	32626.389	1.022	14.670
1/5/2016 10:30:00 PM	477000.000	124.746	19.731	281.003
43168.699	47999.078	32639.373	1.022	14.666
1/5/2016 10:45:00 PM	477900.000	124.726	19.734	280.957
43188.793	48018.648	32652.684	1.022	14.670
1/5/2016 11:00:00 PM	478800.000	124.715	19.734	280.932
43147.758	47972.844	32621.537	1.022	14.668
1/5/2016 11:15:00 PM	479700.000	124.704	19.733	280.907
43154.121	47981.438	32627.381	1.022	14.672
1/5/2016 11:30:00 PM	480600.000	124.708	19.732	280.917
43169.832	47998.996	32639.320	1.022	14.666
1/5/2016 11:45:00 PM	481500.000	124.687	19.733	280.869
43124.254	47947.691	32604.432	1.022	14.663
1/6/2016 12:00:00 AM	482400.000	124.672	19.733	280.835
43185.566	48016.133	32650.971	1.022	14.662
1/6/2016 12:15:00 AM	483300.000	124.665	19.733	280.819
43177.523	48007.363	32645.008	1.022	14.655

1/6/2016 12:30:00 AM	484200.000	124.665	19.732	280.820
43168.188	47997.781	32638.492	1.022	14.654
1/6/2016 12:45:00 AM	485100.000	124.688	19.734	280.871
43151.684	47977.652	32624.805	1.022	14.654
1/6/2016 1:00:00 AM	486000.000	124.663	19.734	280.815
43174.363	48002.695	32641.834	1.022	14.655
1/6/2016 1:15:00 AM	486900.000	124.656	19.732	280.801
43163.828	47992.672	32635.018	1.022	14.648
1/6/2016 1:30:00 AM	487800.000	124.654	19.732	280.795
43164.449	47993.539	32635.609	1.022	14.639
1/6/2016 1:45:00 AM	488700.000	124.652	19.733	280.791
43170.883	47999.977	32639.984	1.022	14.642
1/6/2016 2:00:00 AM	489600.000	124.709	19.730	280.919
43150.879	47979.961	32626.373	1.022	14.634
1/6/2016 2:15:00 AM	490500.000	124.688	19.731	280.871
43184.676	48016.746	32651.391	1.022	14.630
1/6/2016 2:30:00 AM	491400.000	124.692	19.733	280.882
43147.992	47974.273	32622.510	1.022	14.632
1/6/2016 2:45:00 AM	492300.000	124.717	19.733	280.937
43167.273	47995.879	32637.199	1.022	14.619
1/6/2016 3:00:00 AM	493200.000	124.750	19.732	281.011
43148.785	47975.684	32623.467	1.022	14.620
1/6/2016 3:15:00 AM	494100.000	124.757	19.733	281.027
43186.988	48017.715	32652.051	1.022	14.609
1/6/2016 3:30:00 AM	495000.000	124.785	19.732	281.090
43139.715	47966.320	32617.100	1.022	14.600
1/6/2016 3:45:00 AM	495900.000	124.821	19.731	281.171
43143.414	47971.047	32620.316	1.022	14.598
1/6/2016 4:00:00 AM	496800.000	124.838	19.731	281.209
43141.590	47968.746	32618.748	1.022	14.591
1/6/2016 4:15:00 AM	497700.000	124.883	19.731	281.311
43136.250	47963.164	32614.951	1.022	14.589
1/6/2016 4:30:00 AM	498600.000	124.922	19.732	281.398
43170.355	48000.023	32640.018	1.022	14.586
1/6/2016 4:45:00 AM	499500.000	124.949	19.730	281.460
43138.824	47966.742	32617.387	1.022	14.583
1/6/2016 5:00:00 AM	500400.000	124.978	19.731	281.525
43161.535	47990.926	32633.830	1.022	14.581
1/6/2016 5:15:00 AM	501300.000	125.008	19.731	281.592
43167.441	47997.680	32638.424	1.022	14.582
1/6/2016 5:30:00 AM	502200.000	125.025	19.733	281.631
43158.598	47986.066	32630.527	1.022	14.592
1/6/2016 5:45:00 AM	503100.000	125.064	19.732	281.718
43113.004	47936.078	32596.535	1.022	14.593
1/6/2016 6:00:00 AM	504000.000	125.123	19.732	281.853
43157.035	47985.297	32630.004	1.022	14.598
1/6/2016 6:15:00 AM	504900.000	125.100	19.732	281.799
43148.387	47975.863	32623.588	1.022	14.604
1/6/2016 6:30:00 AM	505800.000	125.167	19.733	281.951
43177.363	48006.832	32644.650	1.022	14.593
1/6/2016 6:45:00 AM	506700.000	125.153	19.733	281.920
43174.320	48003.629	32642.471	1.022	14.585
1/6/2016 7:00:00 AM	507600.000	125.184	19.735	281.990
43175.242	48002.430	32641.654	1.022	14.584
1/6/2016 7:15:00 AM	508500.000	125.199	19.734	282.023
43164.145	47990.621	32633.625	1.022	14.581
1/6/2016 7:30:00 AM	509400.000	125.241	19.735	282.117

43137.555	47960.172	32612.918	1.022	14.590
1/6/2016 7:45:00 AM	510300.000	125.205	19.734	282.037
43140.559	47964.664	32615.975	1.022	14.587
1/6/2016 8:00:00 AM	511200.000	125.198	19.734	282.020
43147.605	47972.590	32621.365	1.022	14.585
1/6/2016 8:15:00 AM	512100.000	125.214	19.734	282.058
43183.469	48012.191	32648.293	1.022	14.595
1/6/2016 8:30:00 AM	513000.000	125.196	19.734	282.016
43185.832	48015.000	32650.203	1.022	14.603
1/6/2016 8:45:00 AM	513900.000	125.164	19.736	281.944
43162.484	47987.082	32631.219	1.022	14.604
1/6/2016 9:00:00 AM	514800.000	125.157	19.737	281.928
43186.633	48013.129	32648.930	1.022	14.599
1/6/2016 9:15:00 AM	515700.000	125.137	19.735	281.883
43153.027	47977.461	32624.676	1.022	14.613
1/6/2016 9:30:00 AM	516600.000	125.141	19.734	281.893
43163.188	47990.270	32633.385	1.022	14.609
1/6/2016 9:45:00 AM	517500.000	125.077	19.734	281.749
43143.473	47968.438	32618.537	1.022	14.614
1/6/2016 10:00:00 AM	518400.000	125.035	19.731	281.654
43143.488	47971.129	32620.369	1.022	14.617
1/6/2016 10:15:00 AM	519300.000	125.019	19.730	281.617
43113.180	47938.484	32598.172	1.022	14.614
1/6/2016 10:30:00 AM	520200.000	124.985	19.731	281.541
43140.195	47967.824	32618.123	1.022	14.608
1/6/2016 10:45:00 AM	521100.000	124.925	19.733	281.406
43168.109	47996.102	32637.352	1.022	14.616
1/6/2016 11:00:00 AM	522000.000	124.918	19.732	281.391
43200.414	48033.895	32663.051	1.022	14.613
1/6/2016 11:15:00 AM	522900.000	124.857	19.731	281.253
43157.980	47987.414	32631.443	1.022	14.607
1/6/2016 11:30:00 AM	523800.000	124.805	19.731	281.136
43182.297	48013.922	32649.467	1.022	14.609
1/6/2016 11:45:00 AM	524700.000	124.771	19.733	281.059
43149.336	47975.230	32623.158	1.022	14.603
1/6/2016 12:00:00 PM	525600.000	124.734	19.733	280.975
43187.535	48018.406	32652.516	1.022	14.595
1/6/2016 12:15:00 PM	526500.000	124.710	19.735	280.922
43150.574	47975.262	32623.180	1.022	14.594
1/6/2016 12:30:00 PM	527400.000	124.670	19.734	280.830
43211.734	48044.246	32670.090	1.022	14.595
1/6/2016 12:45:00 PM	528300.000	124.596	19.734	280.665
43168.680	47995.930	32637.234	1.022	14.596
1/6/2016 1:00:00 PM	529200.000	124.560	19.734	280.583
43183.465	48012.988	32648.834	1.022	14.596
1/6/2016 1:15:00 PM	530100.000	124.517	19.735	280.486
43163.164	47989.258	32632.697	1.022	14.591
1/6/2016 1:30:00 PM	531000.000	124.502	19.736	280.453
43165.863	47991.195	32634.014	1.022	14.590
1/6/2016 1:45:00 PM	531900.000	124.471	19.735	280.382
43184.828	48013.344	32649.074	1.022	14.597
1/6/2016 2:00:00 PM	532800.000	124.447	19.737	280.329
43177.617	48002.934	32641.998	1.022	14.592
1/6/2016 2:15:00 PM	533700.000	124.427	19.734	280.284
43139.047	47962.719	32614.650	1.022	14.588
1/6/2016 2:30:00 PM	534600.000	124.410	19.736	280.246
43172.816	47999.012	32639.328	1.022	14.586

1/6/2016 2:45:00 PM	535500.000	124.429	19.734	280.289
43178.754	48007.223	32644.912	1.022	14.588
1/6/2016 3:00:00 PM	536400.000	124.381	19.734	280.181
43156.230	47981.906	32627.697	1.022	14.587
1/6/2016 3:15:00 PM	537300.000	124.386	19.735	280.192
43203.641	48033.648	32662.883	1.022	14.591
1/6/2016 3:30:00 PM	538200.000	124.385	19.735	280.188
43194.914	48024.387	32656.586	1.022	14.593
1/6/2016 3:45:00 PM	539100.000	124.388	19.733	280.197
43165.344	47993.121	32635.322	1.022	14.591
1/6/2016 4:00:00 PM	540000.000	124.391	19.734	280.203
43173.910	48001.563	32641.064	1.022	14.591
1/6/2016 4:15:00 PM	540900.000	124.416	19.735	280.260
43173.645	48000.652	32640.445	1.022	14.588
1/6/2016 4:30:00 PM	541800.000	124.430	19.734	280.291
43136.426	47960.773	32613.326	1.022	14.597
1/6/2016 4:45:00 PM	542700.000	124.446	19.734	280.327
43142.594	47966.926	32617.512	1.022	14.593
1/6/2016 5:00:00 PM	543600.000	124.471	19.733	280.383
43152.688	47979.305	32625.932	1.022	14.598
1/6/2016 5:15:00 PM	544500.000	124.500	19.732	280.448
43174.164	48003.984	32642.711	1.022	14.593
1/6/2016 5:30:00 PM	545400.000	124.521	19.729	280.496
43164.461	47996.316	32637.496	1.022	14.593
1/6/2016 5:45:00 PM	546300.000	124.544	19.730	280.548
43172.914	48004.555	32643.102	1.022	14.596
1/6/2016 6:00:00 PM	547200.000	124.588	19.733	280.646
43168.051	47996.742	32637.787	1.022	14.594
1/6/2016 6:15:00 PM	548100.000	124.602	19.732	280.678
43189.699	48021.703	32654.758	1.022	14.601
1/6/2016 6:30:00 PM	549000.000	124.627	19.733	280.734
43141.266	47967.145	32617.660	1.022	14.606
1/6/2016 6:45:00 PM	549900.000	124.669	19.730	280.830
43179.566	48011.859	32648.068	1.022	14.603
1/6/2016 7:00:00 PM	550800.000	124.689	19.727	280.873
43131.535	47961.754	32613.994	1.022	14.606
1/6/2016 7:15:00 PM	551700.000	124.743	19.729	280.996
43149.602	47979.707	32626.201	1.022	14.603
1/6/2016 7:30:00 PM	552600.000	124.741	19.731	280.992
43200.988	48035.328	32664.023	1.022	14.605
1/6/2016 7:45:00 PM	553500.000	124.768	19.729	281.051
43141.992	47971.605	32620.693	1.022	14.611
1/6/2016 8:00:00 PM	554400.000	124.786	19.731	281.093
43170.348	48001.164	32640.793	1.022	14.608
1/6/2016 8:15:00 PM	555300.000	124.804	19.728	281.133
43171.313	48005.090	32643.463	1.022	14.608
1/6/2016 8:30:00 PM	556200.000	124.821	19.728	281.172
43158.148	47990.539	32633.568	1.022	14.608
1/6/2016 8:45:00 PM	557100.000	124.838	19.729	281.209
43137.484	47966.320	32617.100	1.022	14.620
1/6/2016 9:00:00 PM	558000.000	124.885	19.730	281.316
43157.703	47988.086	32631.900	1.022	14.614
1/6/2016 9:15:00 PM	558900.000	124.865	19.730	281.270
43183.652	48017.305	32651.768	1.022	14.615
1/6/2016 9:30:00 PM	559800.000	124.886	19.727	281.318
43162.117	47996.207	32637.424	1.022	14.618
1/6/2016 9:45:00 PM	560700.000	124.858	19.728	281.255

43138.023	47968.332	32618.469	1.022	14.616
1/6/2016 10:00:00 PM	561600.000	124.861	19.728	281.261
43160.090	47993.234	32635.402	1.022	14.623
1/6/2016 10:15:00 PM	562500.000	124.858	19.728	281.254
43140.523	47970.762	32620.121	1.022	14.619
1/6/2016 10:30:00 PM	563400.000	124.856	19.727	281.250
43151.090	47983.852	32629.021	1.022	14.629
1/6/2016 10:45:00 PM	564300.000	124.855	19.728	281.249
43162.590	47995.844	32637.176	1.022	14.623
1/6/2016 11:00:00 PM	565200.000	124.838	19.728	281.211
43148.813	47980.156	32626.506	1.022	14.634
1/6/2016 11:15:00 PM	566100.000	124.830	19.728	281.192
43142.184	47972.785	32621.494	1.022	14.629
1/6/2016 11:30:00 PM	567000.000	124.823	19.730	281.176
43145.508	47974.176	32622.439	1.022	14.629
1/6/2016 11:45:00 PM	567900.000	124.811	19.729	281.150
43120.688	47947.555	32604.340	1.022	14.629

Report Date: 1/11/2016 11:28:49 AM
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_2016-01-07_10-38-51-749.wsl
Create Date: 1/7/2016 10:38:45 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

TDS Factor: 0.68

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
 1/3/2016 10:39:51 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: CShaw Interval - Start
 Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM
 1/7/2016 10:38:51 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start
 Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:30:00 AM

Log Data:

Record Count: 674

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
395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/31/2015 12:00:00 AM	2674800.000	65.088	17.057	146.618	
35775.230	42173.074	27.235	28.678	27.952	
1.020					
12/31/2015 12:15:00 AM	2675700.000	65.095	17.058	146.633	
35787.422	42187.277	27.245	28.687	27.943	
1.020					
12/31/2015 12:30:00 AM	2676600.000	65.100	17.057	146.645	
35786.488	42186.434	27.244	28.687	27.944	
1.020					
12/31/2015 12:45:00 AM	2677500.000	65.104	17.058	146.654	
35787.969	42187.922	27.246	28.688	27.942	
1.020					
12/31/2015 1:00:00 AM	2678400.000	65.108	17.058	146.663	
35786.309	42185.965	27.244	28.686	27.944	
1.020					
12/31/2015 1:15:00 AM	2679300.000	65.109	17.057	146.664	
35805.488	42209.250	27.261	28.702	27.929	
1.020					

12/31/2015 1:30:00 AM	2680200.000	65.116	17.057	146.680
35772.871	42170.711	27.233	28.676	27.954
1.020				
12/31/2015 1:45:00 AM	2681100.000	65.118	17.057	146.685
35779.711	42178.523	27.239	28.681	27.949
1.020				
12/31/2015 2:00:00 AM	2682000.000	65.123	17.057	146.696
35780.043	42179.168	27.239	28.682	27.949
1.020				
12/31/2015 2:15:00 AM	2682900.000	65.122	17.057	146.693
35787.914	42188.445	27.246	28.688	27.942
1.020				
12/31/2015 2:30:00 AM	2683800.000	65.126	17.057	146.702
35798.223	42200.520	27.255	28.696	27.934
1.020				
12/31/2015 2:45:00 AM	2684700.000	65.128	17.057	146.707
35785.359	42185.355	27.244	28.686	27.944
1.020				
12/31/2015 3:00:00 AM	2685600.000	65.132	17.058	146.717
35769.945	42166.676	27.230	28.673	27.956
1.020				
12/31/2015 3:15:00 AM	2686500.000	65.134	17.058	146.720
35785.891	42185.473	27.244	28.686	27.944
1.020				
12/31/2015 3:30:00 AM	2687400.000	65.138	17.057	146.729
35776.918	42175.063	27.236	28.679	27.951
1.020				
12/31/2015 3:45:00 AM	2688300.000	65.140	17.058	146.734
35783.211	42182.234	27.241	28.684	27.946
1.020				
12/31/2015 4:00:00 AM	2689200.000	65.156	17.057	146.770
35796.383	42197.930	27.253	28.695	27.936
1.020				
12/31/2015 4:15:00 AM	2690100.000	65.141	17.058	146.737
35771.016	42167.605	27.231	28.674	27.956
1.020				
12/31/2015 4:30:00 AM	2691000.000	65.145	17.057	146.745
35778.852	42177.430	27.238	28.681	27.949
1.020				
12/31/2015 4:45:00 AM	2691900.000	65.144	17.057	146.743
35794.504	42195.715	27.251	28.693	27.937
1.020				
12/31/2015 5:00:00 AM	2692800.000	65.142	17.057	146.738
35789.332	42189.785	27.247	28.689	27.941
1.020				
12/31/2015 5:15:00 AM	2693700.000	65.153	17.058	146.763
35778.063	42175.914	27.237	28.680	27.950
1.020				
12/31/2015 5:30:00 AM	2694600.000	65.142	17.058	146.738
35791.539	42191.555	27.248	28.690	27.940
1.020				
12/31/2015 5:45:00 AM	2695500.000	65.138	17.057	146.730
35796.090	42197.586	27.252	28.694	27.936
1.020				
12/31/2015 6:00:00 AM	2696400.000	65.139	17.058	146.733
35755.105	42148.852	27.218	28.661	27.968
1.020				

12/31/2015 6:15:00 AM	2697300.000	65.140	17.058	146.734
35788.094	42188.070	27.246	28.688	27.942
1.020				
12/31/2015 6:30:00 AM	2698200.000	65.137	17.058	146.728
35787.160	42186.805	27.245	28.687	27.943
1.020				
12/31/2015 6:45:00 AM	2699100.000	65.138	17.058	146.730
35782.168	42180.754	27.240	28.683	27.947
1.020				
12/31/2015 7:00:00 AM	2700000.000	65.146	17.058	146.748
35791.273	42191.738	27.248	28.690	27.940
1.020				
12/31/2015 7:15:00 AM	2700900.000	65.131	17.057	146.714
35777.313	42175.617	27.237	28.679	27.951
1.020				
12/31/2015 7:30:00 AM	2701800.000	65.139	17.058	146.733
35802.609	42205.016	27.258	28.699	27.931
1.020				
12/31/2015 7:45:00 AM	2702700.000	65.128	17.058	146.707
35787.270	42186.934	27.245	28.687	27.943
1.020				
12/31/2015 8:00:00 AM	2703600.000	65.124	17.057	146.697
35774.750	42172.508	27.234	28.677	27.953
1.020				
12/31/2015 8:15:00 AM	2704500.000	65.123	17.058	146.696
35800.660	42202.883	27.256	28.698	27.932
1.020				
12/31/2015 8:30:00 AM	2705400.000	65.122	17.058	146.693
35791.266	42191.230	27.248	28.690	27.940
1.020				
12/31/2015 8:45:00 AM	2706300.000	65.121	17.058	146.691
35770.070	42166.570	27.230	28.673	27.956
1.020				
12/31/2015 9:00:00 AM	2707200.000	65.115	17.057	146.678
35801.762	42204.438	27.257	28.699	27.932
1.020				
12/31/2015 9:15:00 AM	2708100.000	65.113	17.058	146.674
35788.602	42188.172	27.246	28.688	27.942
1.020				
12/31/2015 9:30:00 AM	2709000.000	65.114	17.058	146.675
35795.297	42196.395	27.252	28.694	27.937
1.020				
12/31/2015 9:45:00 AM	2709900.000	65.113	17.058	146.674
35793.609	42194.406	27.250	28.692	27.938
1.020				
12/31/2015 10:00:00 AM	0.000	65.114	17.057	146.675
35780.430	42179.125	27.239	28.682	27.948
1.020				
12/31/2015 10:15:00 AM	900.000	65.109	17.058	146.664
35811.055	42215.059	27.265	28.706	27.924
1.020				
12/31/2015 10:30:00 AM	1800.000	65.108	17.058	146.662
35772.059	42169.168	27.232	28.675	27.955
1.020				
12/31/2015 10:45:00 AM	2700.000	65.112	17.058	146.672
35789.039	42189.184	27.246	28.689	27.942
1.020				

12/31/2015 11:00:00 AM	3600.000	65.113	17.058	146.674
35799.918	42201.512	27.255	28.697	27.933
1.020				
12/31/2015 11:15:00 AM	4500.000	65.113	17.058	146.674
35793.242	42193.563	27.250	28.692	27.938
1.020				
12/31/2015 11:30:00 AM	5400.000	65.119	17.058	146.686
35772.438	42169.535	27.232	28.675	27.954
1.020				
12/31/2015 11:45:00 AM	6300.000	65.113	17.057	146.673
35776.645	42174.828	27.236	28.679	27.951
1.020				
12/31/2015 12:00:00 PM	7200.000	65.119	17.057	146.686
35782.363	42181.570	27.241	28.683	27.947
1.020				
12/31/2015 12:15:00 PM	8100.000	65.116	17.058	146.681
35790.922	42191.238	27.248	28.690	27.940
1.020				
12/31/2015 12:30:00 PM	9000.000	65.119	17.058	146.686
35769.551	42165.879	27.230	28.673	27.957
1.020				
12/31/2015 12:45:00 PM	9900.000	65.120	17.057	146.689
35778.262	42176.902	27.238	28.680	27.950
1.020				
12/31/2015 1:00:00 PM	10800.000	65.124	17.057	146.699
35773.559	42171.102	27.233	28.676	27.954
1.020				
12/31/2015 1:15:00 PM	11700.000	65.123	17.057	146.696
35796.098	42197.672	27.253	28.694	27.936
1.020				
12/31/2015 1:30:00 PM	12600.000	65.125	17.058	146.701
35792.414	42192.664	27.249	28.691	27.939
1.020				
12/31/2015 1:45:00 PM	13500.000	65.127	17.058	146.706
35801.137	42203.445	27.257	28.698	27.932
1.020				
12/31/2015 2:00:00 PM	14400.000	65.127	17.058	146.704
35774.992	42172.215	27.234	28.677	27.952
1.020				
12/31/2015 2:15:00 PM	15300.000	65.124	17.058	146.699
35799.605	42201.227	27.255	28.697	27.933
1.020				
12/31/2015 2:30:00 PM	16200.000	65.130	17.058	146.712
35800.441	42202.547	27.256	28.698	27.933
1.020				
12/31/2015 2:45:00 PM	17100.000	65.124	17.057	146.697
35793.031	42194.402	27.250	28.692	27.938
1.020				
12/31/2015 3:00:00 PM	18000.000	65.130	17.058	146.711
35778.609	42176.559	27.237	28.680	27.950
1.020				
12/31/2015 3:15:00 PM	18900.000	65.125	17.058	146.701
35787.457	42187.152	27.245	28.687	27.943
1.020				
12/31/2015 3:30:00 PM	19800.000	65.127	17.058	146.704
35805.094	42207.699	27.260	28.701	27.929
1.020				

12/31/2015 3:45:00 PM 35768.746 1.020	20700.000 42165.430	65.129 27.229	17.057 28.672	146.710 27.957
12/31/2015 4:00:00 PM 35783.836 1.020	21600.000 42182.719	65.126 27.242	17.058 28.684	146.702 27.946
12/31/2015 4:15:00 PM 35808.664 1.020	22500.000 42212.652	65.123 27.263	17.057 28.705	146.696 27.926
12/31/2015 4:30:00 PM 35794.504 1.020	23400.000 42195.715	65.108 27.251	17.057 28.693	146.662 27.937
12/31/2015 4:45:00 PM 35784.828 1.020	24300.000 42184.895	65.122 27.243	17.057 28.686	146.693 27.945
12/31/2015 5:00:00 PM 35772.473 1.020	25200.000 42169.910	65.133 27.233	17.057 28.676	146.718 27.954
12/31/2015 5:15:00 PM 35801.645 1.020	26100.000 42203.879	65.119 27.257	17.058 28.699	146.686 27.932
12/31/2015 5:30:00 PM 35788.195 1.020	27000.000 42188.191	65.111 27.246	17.058 28.688	146.669 27.942
12/31/2015 5:45:00 PM 35792.156 1.020	27900.000 42193.113	65.107 27.249	17.057 28.691	146.660 27.939
12/31/2015 6:00:00 PM 35782.973 1.020	28800.000 42182.453	65.104 27.242	17.057 28.684	146.652 27.946
12/31/2015 6:15:00 PM 35774.973 1.020	29700.000 42172.770	65.100 27.235	17.057 28.677	146.645 27.953
12/31/2015 6:30:00 PM 35778.059 1.020	30600.000 42176.918	65.098 27.238	17.057 28.680	146.640 27.950
12/31/2015 6:45:00 PM 35801.105 1.020	31500.000 42203.328	65.095 27.257	17.058 28.698	146.632 27.932
12/31/2015 7:00:00 PM 35785.961 1.020	32400.000 42186.230	65.091 27.244	17.057 28.687	146.623 27.944
12/31/2015 7:15:00 PM 35779.039 1.020	33300.000 42177.395	65.084 27.238	17.058 28.681	146.608 27.949
12/31/2015 7:30:00 PM 35763.441 1.020	34200.000 42160.016	65.083 27.225	17.056 28.669	146.606 27.962
12/31/2015 7:45:00 PM 35768.707 1.020	35100.000 42165.551	65.079 27.229	17.057 28.673	146.598 27.957
12/31/2015 8:00:00 PM 35789.836 1.020	36000.000 42190.801	65.075 27.248	17.057 28.690	146.587 27.941
12/31/2015 8:15:00 PM 35778.426 1.020	36900.000 42177.262	65.069 27.238	17.057 28.681	146.574 27.950

12/31/2015 8:30:00 PM	37800.000	65.067	17.057	146.570
35772.934	42170.785	27.233	28.676	27.954
1.020				
12/31/2015 8:45:00 PM	38700.000	65.066	17.057	146.568
35786.070	42186.020	27.244	28.686	27.944
1.020				
12/31/2015 9:00:00 PM	39600.000	65.061	17.057	146.557
35770.418	42167.742	27.231	28.674	27.956
1.020				
12/31/2015 9:15:00 PM	40500.000	65.061	17.056	146.556
35786.438	42187.125	27.245	28.687	27.944
1.020				
12/31/2015 9:30:00 PM	41400.000	65.056	17.056	146.545
35782.758	42183.121	27.242	28.685	27.946
1.020				
12/31/2015 9:45:00 PM	42300.000	65.056	17.057	146.545
35774.352	42172.457	27.234	28.677	27.953
1.020				
12/31/2015 10:00:00 PM	43200.000	65.054	17.057	146.540
35776.828	42175.719	27.237	28.679	27.951
1.020				
12/31/2015 10:15:00 PM	44100.000	65.051	17.057	146.535
35765.297	42162.125	27.227	28.670	27.960
1.020				
12/31/2015 10:30:00 PM	45000.000	65.057	17.057	146.547
35791.176	42192.449	27.249	28.691	27.940
1.020				
12/31/2015 10:45:00 PM	45900.000	65.053	17.056	146.539
35768.977	42167.289	27.231	28.674	27.957
1.020				
12/31/2015 11:00:00 PM	46800.000	65.055	17.057	146.543
35780.754	42180.094	27.240	28.682	27.948
1.020				
12/31/2015 11:15:00 PM	47700.000	65.055	17.056	146.542
35776.625	42175.891	27.237	28.680	27.951
1.020				
12/31/2015 11:30:00 PM	48600.000	65.070	17.057	146.576
35768.535	42165.855	27.230	28.673	27.958
1.020				
12/31/2015 11:45:00 PM	49500.000	65.056	17.056	146.545
35782.844	42182.977	27.242	28.684	27.946
1.020				
1/1/2016 12:00:00 AM	50400.000	65.063	17.056	146.560
35770.246	42168.371	27.231	28.674	27.956
1.020				
1/1/2016 12:15:00 AM	51300.000	65.061	17.056	146.556
35782.852	42182.988	27.242	28.684	27.946
1.020				
1/1/2016 12:30:00 AM	52200.000	65.061	17.057	146.557
35762.070	42157.727	27.224	28.667	27.963
1.020				
1/1/2016 12:45:00 AM	53100.000	65.074	17.057	146.585
35784.051	42184.230	27.243	28.685	27.945
1.020				
1/1/2016 1:00:00 AM	54000.000	65.074	17.056	146.586
35761.773	42158.305	27.224	28.668	27.963
1.020				

1/1/2016 1:15:00 AM 35765.613 1.020	54900.000 42162.410	65.078 27.227	17.057 28.670	146.594 27.960
1/1/2016 1:30:00 AM 35782.551 1.020	55800.000 42182.875	65.081 27.242	17.056 28.684	146.602 27.947
1/1/2016 1:45:00 AM 35773.715 1.020	56700.000 42172.129	65.081 27.234	17.056 28.677	146.601 27.953
1/1/2016 2:00:00 AM 35760.313 1.020	57600.000 42156.742	65.088 27.223	17.056 28.667	146.617 27.964
1/1/2016 2:15:00 AM 35770.285 1.020	58500.000 42168.004	65.090 27.231	17.057 28.674	146.622 27.956
1/1/2016 2:30:00 AM 35785.063 1.020	59400.000 42185.594	65.096 27.244	17.056 28.686	146.636 27.945
1/1/2016 2:45:00 AM 35770.441 1.020	60300.000 42168.008	65.097 27.231	17.057 28.674	146.638 27.956
1/1/2016 3:00:00 AM 35773.367 1.020	61200.000 42171.551	65.117 27.234	17.057 28.677	146.682 27.954
1/1/2016 3:15:00 AM 35779.973 1.020	62100.000 42179.918	65.106 27.240	17.056 28.682	146.658 27.949
1/1/2016 3:30:00 AM 35772.938 1.020	63000.000 42171.625	65.112 27.234	17.056 28.677	146.672 27.954
1/1/2016 3:45:00 AM 35764.590 1.020	63900.000 42161.785	65.115 27.227	17.056 28.670	146.678 27.961
1/1/2016 4:00:00 AM 35758.980 1.020	64800.000 42154.496	65.117 27.222	17.057 28.665	146.681 27.965
1/1/2016 4:15:00 AM 35766.043 1.020	65700.000 42163.082	65.117 27.228	17.056 28.671	146.681 27.959
1/1/2016 4:30:00 AM 35757.945 1.020	66600.000 42153.625	65.117 27.221	17.056 28.664	146.683 27.966
1/1/2016 4:45:00 AM 35779.125 1.020	67500.000 42178.172	65.121 27.239	17.057 28.681	146.691 27.949
1/1/2016 5:00:00 AM 35785.520 1.020	68400.000 42185.621	65.122 27.244	17.057 28.686	146.693 27.944
1/1/2016 5:15:00 AM 35787.078 1.020	69300.000 42187.461	65.122 27.245	17.057 28.687	146.694 27.943
1/1/2016 5:30:00 AM 35765.180 1.020	70200.000 42161.645	65.125 27.227	17.057 28.670	146.700 27.960
1/1/2016 5:45:00 AM 35778.918 1.020	71100.000 42177.676	65.120 27.238	17.057 28.681	146.689 27.949

1/1/2016 6:00:00 AM 35780.832 1.020	72000.000 42180.773	65.118 27.240	17.056 28.683	146.684 27.948
1/1/2016 6:15:00 AM 35771.840 1.020	72900.000 42170.004	65.120 27.233	17.056 28.676	146.690 27.955
1/1/2016 6:30:00 AM 35773.340 1.020	73800.000 42171.684	65.120 27.234	17.056 28.677	146.690 27.954
1/1/2016 6:45:00 AM 35776.293 1.020	74700.000 42174.836	65.125 27.236	17.057 28.679	146.700 27.951
1/1/2016 7:00:00 AM 35782.137 1.020	75600.000 42181.891	65.119 27.241	17.057 28.684	146.686 27.947
1/1/2016 7:15:00 AM 35801.699 1.020	76500.000 42204.949	65.119 27.258	17.057 28.699	146.686 27.932
1/1/2016 7:30:00 AM 35773.941 1.020	77400.000 42172.227	65.114 27.234	17.057 28.677	146.675 27.953
1/1/2016 7:45:00 AM 35766.043 1.020	78300.000 42161.910	65.109 27.227	17.058 28.670	146.665 27.959
1/1/2016 8:00:00 AM 35768.973 1.020	79200.000 42166.371	65.110 27.230	17.057 28.673	146.666 27.957
1/1/2016 8:15:00 AM 35781.043 1.020	80100.000 42180.180	65.108 27.240	17.057 28.683	146.663 27.948
1/1/2016 8:30:00 AM 35780.023 1.020	81000.000 42179.398	65.107 27.239	17.057 28.682	146.659 27.949
1/1/2016 8:45:00 AM 35783.922 1.020	81900.000 42183.316	65.105 27.242	17.057 28.685	146.654 27.946
1/1/2016 9:00:00 AM 35790.633 1.020	82800.000 42191.398	65.097 27.248	17.057 28.690	146.638 27.940
1/1/2016 9:15:00 AM 35759.902 1.020	83700.000 42155.934	65.110 27.223	17.056 28.666	146.667 27.964
1/1/2016 9:30:00 AM 35780.055 1.020	84600.000 42179.016	65.095 27.239	17.057 28.682	146.634 27.949
1/1/2016 9:45:00 AM 35779.883 1.020	85500.000 42178.977	65.090 27.239	17.057 28.682	146.622 27.949
1/1/2016 10:00:00 AM 35773.266 1.020	86400.000 42170.926	65.092 27.233	17.057 28.676	146.626 27.954
1/1/2016 10:15:00 AM 35789.984 1.020	87300.000 42191.141	65.092 27.248	17.057 28.690	146.626 27.941
1/1/2016 10:30:00 AM 35771.074 1.020	88200.000 42168.848	65.088 27.232	17.057 28.675	146.618 27.956

1/1/2016 10:45:00 AM 35781.594 1.020	89100.000 42181.504	65.085 27.241	17.056 28.683	146.611 27.947
1/1/2016 11:00:00 AM 35796.102 1.020	90000.000 42198.605	65.088 27.253	17.056 28.695	146.617 27.936
1/1/2016 11:15:00 AM 35781.680 1.020	90900.000 42181.098	65.091 27.241	17.057 28.683	146.624 27.947
1/1/2016 11:30:00 AM 35782.410 1.020	91800.000 42181.789	65.087 27.241	17.057 28.684	146.616 27.947
1/1/2016 11:45:00 AM 35766.336 1.020	92700.000 42163.348	65.102 27.228	17.057 28.671	146.649 27.959
1/1/2016 12:00:00 PM 35781.973 1.020	93600.000 42181.531	65.086 27.241	17.057 28.683	146.614 27.947
1/1/2016 12:15:00 PM 35774.637 1.020	94500.000 42172.543	65.087 27.235	17.057 28.677	146.616 27.953
1/1/2016 12:30:00 PM 35797.508 1.020	95400.000 42199.844	65.087 27.254	17.057 28.696	146.616 27.935
1/1/2016 12:45:00 PM 35776.434 1.020	96300.000 42174.910	65.087 27.236	17.057 28.679	146.615 27.951
1/1/2016 1:00:00 PM 35767.746 1.020	97200.000 42164.594	65.092 27.229	17.057 28.672	146.626 27.958
1/1/2016 1:15:00 PM 35787.250 1.020	98100.000 42187.074	65.094 27.245	17.058 28.687	146.631 27.943
1/1/2016 1:30:00 PM 35797.164 1.020	99000.000 42199.016	65.092 27.253	17.057 28.695	146.626 27.935
1/1/2016 1:45:00 PM 35787.215 1.020	99900.000 42187.621	65.090 27.245	17.057 28.688	146.622 27.943
1/1/2016 2:00:00 PM 35798.715 1.020	100800.000 42201.688	65.095 27.255	17.056 28.697	146.633 27.934
1/1/2016 2:15:00 PM 35782.457 1.020	101700.000 42181.344	65.092 27.241	17.058 28.683	146.626 27.947
1/1/2016 2:30:00 PM 35779.379 1.020	102600.000 42178.637	65.094 27.239	17.057 28.681	146.630 27.949
1/1/2016 2:45:00 PM 35787.832 1.020	103500.000 42188.348	65.096 27.246	17.057 28.688	146.635 27.942
1/1/2016 3:00:00 PM 35799.188 1.020	104400.000 42201.734	65.094 27.255	17.057 28.697	146.630 27.934
1/1/2016 3:15:00 PM 35779.727 1.020	105300.000 42179.379	65.096 27.239	17.056 28.682	146.635 27.949

1/1/2016 3:30:00 PM 35764.938 1.020	106200.000 42161.699	65.093 27.227	17.057 28.670	146.629 27.960
1/1/2016 3:45:00 PM 35797.762 1.020	107100.000 42200.215	65.094 27.254	17.057 28.696	146.630 27.935
1/1/2016 4:00:00 PM 35805.008 1.020	108000.000 42208.344	65.094 27.260	17.057 28.702	146.630 27.929
1/1/2016 4:15:00 PM 35774.324 1.020	108900.000 42172.680	65.098 27.235	17.057 28.677	146.639 27.953
1/1/2016 4:30:00 PM 35778.242 1.020	109800.000 42177.043	65.098 27.238	17.057 28.680	146.639 27.950
1/1/2016 4:45:00 PM 35795.234 1.020	110700.000 42196.996	65.094 27.252	17.057 28.694	146.630 27.937
1/1/2016 5:00:00 PM 35777.098 1.020	111600.000 42175.195	65.095 27.236	17.057 28.679	146.634 27.951
1/1/2016 5:15:00 PM 35793.605 1.020	112500.000 42195.496	65.098 27.251	17.057 28.693	146.639 27.938
1/1/2016 5:30:00 PM 35801.578 1.020	113400.000 42204.387	65.091 27.257	17.057 28.699	146.625 27.932
1/1/2016 5:45:00 PM 35791.059 1.020	114300.000 42192.492	65.094 27.249	17.057 28.691	146.630 27.940
1/1/2016 6:00:00 PM 35781.930 1.020	115200.000 42181.551	65.092 27.241	17.057 28.683	146.626 27.947
1/1/2016 6:15:00 PM 35784.488 1.020	116100.000 42184.746	65.090 27.243	17.057 28.686	146.621 27.945
1/1/2016 6:30:00 PM 35773.496 1.020	117000.000 42170.863	65.089 27.233	17.058 28.676	146.620 27.954
1/1/2016 6:45:00 PM 35794.328 1.020	117900.000 42195.418	65.082 27.251	17.058 28.693	146.604 27.937
1/1/2016 7:00:00 PM 35771.652 1.020	118800.000 42169.695	65.079 27.232	17.056 28.675	146.597 27.955
1/1/2016 7:15:00 PM 35789.773 1.020	119700.000 42191.059	65.080 27.248	17.056 28.690	146.599 27.941
1/1/2016 7:30:00 PM 35783.836 1.020	120600.000 42183.980	65.075 27.243	17.057 28.685	146.589 27.946
1/1/2016 7:45:00 PM 35798.914 1.020	121500.000 42201.832	65.072 27.255	17.056 28.697	146.580 27.934
1/1/2016 8:00:00 PM 35797.754 1.020	122400.000 42200.465	65.072 27.254	17.056 28.696	146.580 27.935

1/1/2016 8:15:00 PM 35780.773 1.020	123300.000 42180.188	65.068 27.240	17.057 28.683	146.572 27.948
1/1/2016 8:30:00 PM 35765.176 1.020	124200.000 42161.473	65.077 27.227	17.057 28.670	146.591 27.960
1/1/2016 8:45:00 PM 35806.957 1.020	125100.000 42211.234	65.061 27.262	17.057 28.704	146.557 27.928
1/1/2016 9:00:00 PM 35776.699 1.020	126000.000 42175.480	65.072 27.237	17.057 28.679	146.581 27.951
1/1/2016 9:15:00 PM 35777.086 1.020	126900.000 42176.020	65.056 27.237	17.057 28.680	146.546 27.951
1/1/2016 9:30:00 PM 35767.676 1.020	127800.000 42165.098	65.055 27.229	17.056 28.672	146.543 27.958
1/1/2016 9:45:00 PM 35779.398 1.020	128700.000 42178.242	65.049 27.239	17.057 28.681	146.530 27.949
1/1/2016 10:00:00 PM 35772.438 1.020	129600.000 42170.457	65.050 27.233	17.057 28.676	146.532 27.954
1/1/2016 10:15:00 PM 35769.590 1.020	130500.000 42167.184	65.049 27.231	17.057 28.674	146.528 27.957
1/1/2016 10:30:00 PM 35785.832 1.020	131400.000 42186.578	65.047 27.245	17.056 28.687	146.524 27.944
1/1/2016 10:45:00 PM 35772.371 1.020	132300.000 42170.281	65.044 27.233	17.057 28.676	146.519 27.955
1/1/2016 11:00:00 PM 35756.633 1.020	133200.000 42151.824	65.045 27.220	17.057 28.663	146.521 27.967
1/1/2016 11:15:00 PM 35764.145 1.020	134100.000 42161.176	65.045 27.226	17.056 28.670	146.521 27.961
1/1/2016 11:30:00 PM 35789.344 1.020	135000.000 42190.883	65.043 27.248	17.056 28.690	146.516 27.941
1/1/2016 11:45:00 PM 35780.730 1.020	135900.000 42180.730	65.044 27.240	17.056 28.683	146.518 27.948
1/2/2016 12:00:00 AM 35780.426 1.020	136800.000 42180.293	65.046 27.240	17.056 28.683	146.523 27.948
1/2/2016 12:15:00 AM 35793.660 1.020	137700.000 42195.641	65.050 27.251	17.056 28.693	146.531 27.938
1/2/2016 12:30:00 AM 35790.184 1.020	138600.000 42191.043	65.050 27.248	17.057 28.690	146.531 27.941
1/2/2016 12:45:00 AM 35767.973 1.020	139500.000 42165.613	65.060 27.229	17.056 28.673	146.553 27.958

1/2/2016 1:00:00 AM 35792.297 1.020	140400.000 42194.199	65.056 27.250	17.056 28.692	146.545 27.939
1/2/2016 1:15:00 AM 35787.102 1.020	141300.000 42188.164	65.061 27.246	17.056 28.688	146.557 27.943
1/2/2016 1:30:00 AM 35779.082 1.020	142200.000 42178.453	65.061 27.239	17.056 28.681	146.556 27.949
1/2/2016 1:45:00 AM 35768.832 1.020	143100.000 42166.109	65.067 27.230	17.057 28.673	146.570 27.957
1/2/2016 2:00:00 AM 35783.664 1.020	144000.000 42184.109	65.069 27.243	17.056 28.685	146.574 27.946
1/2/2016 2:15:00 AM 35788.285 1.020	144900.000 42189.469	65.071 27.247	17.056 28.689	146.578 27.942
1/2/2016 2:30:00 AM 35765.422 1.020	145800.000 42162.020	65.082 27.227	17.057 28.670	146.604 27.960
1/2/2016 2:45:00 AM 35779.242 1.020	146700.000 42178.563	65.083 27.239	17.057 28.681	146.606 27.949
1/2/2016 3:00:00 AM 35795.199 1.020	147600.000 42197.543	65.099 27.252	17.056 28.694	146.642 27.937
1/2/2016 3:15:00 AM 35769.594 1.020	148500.000 42166.770	65.092 27.230	17.057 28.673	146.627 27.957
1/2/2016 3:30:00 AM 35764.855 1.020	149400.000 42161.262	65.098 27.226	17.057 28.670	146.640 27.960
1/2/2016 3:45:00 AM 35797.625 1.020	150300.000 42199.563	65.100 27.254	17.057 28.696	146.645 27.935
1/2/2016 4:00:00 AM 35799.367 1.020	151200.000 42202.035	65.101 27.256	17.057 28.697	146.646 27.933
1/2/2016 4:15:00 AM 35795.234 1.020	152100.000 42196.488	65.106 27.252	17.058 28.694	146.658 27.937
1/2/2016 4:30:00 AM 35802.922 1.020	153000.000 42205.383	65.115 27.258	17.058 28.700	146.679 27.931
1/2/2016 4:45:00 AM 35784.648 1.020	153900.000 42183.598	65.118 27.242	17.058 28.685	146.684 27.945
1/2/2016 5:00:00 AM 35802.027 1.020	154800.000 42204.496	65.115 27.257	17.058 28.699	146.678 27.931
1/2/2016 5:15:00 AM 35818.211 1.020	155700.000 42223.074	65.119 27.271	17.058 28.712	146.688 27.919
1/2/2016 5:30:00 AM 35791.578 1.020	156600.000 42191.098	65.124 27.248	17.059 28.690	146.697 27.940

1/2/2016 5:45:00 AM 35798.684 1.020	157500.000 42199.805	65.123 27.254	17.058 28.696	146.696 27.934
1/2/2016 6:00:00 AM 35792.301 1.020	158400.000 42192.031	65.125 27.249	17.059 28.691	146.700 27.939
1/2/2016 6:15:00 AM 35785.313 1.020	159300.000 42183.711	65.123 27.243	17.059 28.685	146.695 27.944
1/2/2016 6:30:00 AM 35776.699 1.020	160200.000 42173.473	65.120 27.235	17.059 28.678	146.689 27.951
1/2/2016 6:45:00 AM 35790.098 1.020	161100.000 42189.012	65.124 27.246	17.059 28.689	146.699 27.941
1/2/2016 7:00:00 AM 35803.457 1.020	162000.000 42204.188	65.142 27.257	17.060 28.699	146.738 27.930
1/2/2016 7:15:00 AM 35823.457 1.020	162900.000 42228.098	65.125 27.274	17.059 28.715	146.701 27.915
1/2/2016 7:30:00 AM 35810.230 1.020	163800.000 42212.418	65.123 27.263	17.059 28.704	146.696 27.925
1/2/2016 7:45:00 AM 35808.410 1.020	164700.000 42209.934	65.123 27.261	17.060 28.703	146.696 27.926
1/2/2016 8:00:00 AM 35814.320 1.020	165600.000 42217.160	65.128 27.267	17.059 28.708	146.707 27.922
1/2/2016 8:15:00 AM 35830.449 1.020	166500.000 42235.328	65.122 27.280	17.060 28.720	146.693 27.909
1/2/2016 8:30:00 AM 35809.164 1.020	167400.000 42210.574	65.122 27.262	17.060 28.703	146.693 27.926
1/2/2016 8:45:00 AM 35810.371 1.020	168300.000 42211.570	65.118 27.263	17.060 28.704	146.684 27.925
1/2/2016 9:00:00 AM 35819.770 1.020	169200.000 42223.582	65.114 27.271	17.059 28.712	146.675 27.918
1/2/2016 9:15:00 AM 35835.477 1.020	170100.000 42241.590	65.112 27.284	17.060 28.724	146.670 27.905
1/2/2016 9:30:00 AM 35855.965 1.020	171000.000 42266.152	65.107 27.302	17.060 28.741	146.660 27.889
1/2/2016 9:45:00 AM 35790.305 1.020	171900.000 42188.422	65.112 27.246	17.060 28.688	146.671 27.941
1/2/2016 10:00:00 AM 35814.395 1.020	172800.000 42216.574	65.104 27.266	17.060 28.707	146.652 27.922
1/2/2016 10:15:00 AM 35819.574 1.020	173700.000 42222.594	65.104 27.271	17.060 28.711	146.654 27.918

1/2/2016 10:30:00 AM 35836.754 1.020	174600.000 42242.930	65.104 27.285	17.060 28.725	146.654 27.904
1/2/2016 10:45:00 AM 35821.176 1.020	175500.000 42225.074	65.100 27.272	17.060 28.713	146.645 27.916
1/2/2016 11:00:00 AM 35815.602 1.020	176400.000 42218.082	65.115 27.267	17.060 28.708	146.677 27.921
1/2/2016 11:15:00 AM 35843.605 1.020	177300.000 42251.172	65.097 27.291	17.060 28.731	146.637 27.899
1/2/2016 11:30:00 AM 35833.066 1.020	178200.000 42238.668	65.098 27.282	17.060 28.722	146.640 27.907
1/2/2016 11:45:00 AM 35839.508 1.020	179100.000 42246.262	65.113 27.287	17.060 28.727	146.673 27.902
1/2/2016 12:00:00 PM 35812.262 1.020	180000.000 42214.637	65.092 27.265	17.060 28.706	146.627 27.923
1/2/2016 12:15:00 PM 35838.367 1.020	180900.000 42244.832	65.093 27.286	17.060 28.726	146.628 27.903
1/2/2016 12:30:00 PM 35854.625 1.020	181800.000 42264.082	65.096 27.300	17.060 28.740	146.635 27.890
1/2/2016 12:45:00 PM 35812.332 1.020	182700.000 42214.477	65.095 27.265	17.060 28.706	146.633 27.923
1/2/2016 1:00:00 PM 35805.078 1.020	183600.000 42205.332	65.096 27.258	17.060 28.700	146.636 27.929
1/2/2016 1:15:00 PM 35817.906 1.020	184500.000 42220.961	65.095 27.269	17.060 28.710	146.634 27.919
1/2/2016 1:30:00 PM 35823.602 1.020	185400.000 42227.934	65.096 27.274	17.060 28.715	146.635 27.915
1/2/2016 1:45:00 PM 35827.363 1.020	186300.000 42232.191	65.094 27.277	17.060 28.718	146.631 27.912
1/2/2016 2:00:00 PM 35830.973 1.020	187200.000 42236.363	65.096 27.280	17.060 28.721	146.635 27.909
1/2/2016 2:15:00 PM 35844.223 1.020	188100.000 42251.820	65.098 27.291	17.060 28.731	146.640 27.898
1/2/2016 2:30:00 PM 35824.531 1.020	189000.000 42229.102	65.097 27.275	17.060 28.716	146.638 27.914
1/2/2016 2:45:00 PM 35829.363 1.020	189900.000 42234.465	65.099 27.279	17.060 28.719	146.641 27.910
1/2/2016 3:00:00 PM 35835.770 1.020	190800.000 42242.348	65.100 27.285	17.060 28.725	146.645 27.905

1/2/2016 3:15:00 PM 35837.352 1.020	191700.000 42243.879	65.105 27.286	17.060 28.726	146.656 27.904
1/2/2016 3:30:00 PM 35825.402 1.020	192600.000 42229.551	65.107 27.275	17.060 28.716	146.660 27.913
1/2/2016 3:45:00 PM 35832.590 1.020	193500.000 42238.602	65.105 27.282	17.060 28.722	146.654 27.908
1/2/2016 4:00:00 PM 35839.121 1.020	194400.000 42246.055	65.106 27.287	17.060 28.727	146.658 27.902
1/2/2016 4:15:00 PM 35820.836 1.020	195300.000 42224.082	65.110 27.272	17.060 28.712	146.666 27.917
1/2/2016 4:30:00 PM 35825.395 1.020	196200.000 42229.785	65.108 27.276	17.060 28.716	146.663 27.913
1/2/2016 4:45:00 PM 35794.434 1.020	197100.000 42193.457	65.112 27.250	17.060 28.692	146.671 27.937
1/2/2016 5:00:00 PM 35832.863 1.020	198000.000 42238.676	65.108 27.282	17.060 28.722	146.662 27.907
1/2/2016 5:15:00 PM 35804.254 1.020	198900.000 42205.461	65.108 27.258	17.059 28.700	146.663 27.930
1/2/2016 5:30:00 PM 35819.793 1.020	199800.000 42223.852	65.113 27.271	17.059 28.712	146.674 27.918
1/2/2016 5:45:00 PM 35816.664 1.020	200700.000 42219.758	65.114 27.268	17.060 28.709	146.675 27.920
1/2/2016 6:00:00 PM 35791.180 1.020	201600.000 42189.121	65.111 27.247	17.060 28.689	146.669 27.940
1/2/2016 6:15:00 PM 35821.914 1.020	202500.000 42225.852	65.115 27.273	17.060 28.714	146.678 27.916
1/2/2016 6:30:00 PM 35826.070 1.020	203400.000 42231.590	65.114 27.277	17.059 28.717	146.675 27.913
1/2/2016 6:45:00 PM 35800.375 1.020	204300.000 42200.887	65.126 27.255	17.059 28.697	146.702 27.933
1/2/2016 7:00:00 PM 35826.402 1.020	205200.000 42231.234	65.108 27.277	17.060 28.717	146.662 27.912
1/2/2016 7:15:00 PM 35805.672 1.020	206100.000 42206.625	65.109 27.259	17.060 28.701	146.664 27.929
1/2/2016 7:30:00 PM 35822.703 1.020	207000.000 42227.039	65.108 27.274	17.059 28.714	146.663 27.915
1/2/2016 7:45:00 PM 35799.316 1.020	207900.000 42199.379	65.106 27.254	17.060 28.696	146.657 27.933

1/2/2016 8:00:00 PM 35811.152 1.020	208800.000 42213.332	65.105 27.264	17.060 28.705	146.654 27.924
1/2/2016 8:15:00 PM 35829.094 1.020	209700.000 42234.574	65.106 27.279	17.059 28.720	146.658 27.910
1/2/2016 8:30:00 PM 35787.891 1.020	210600.000 42185.910	65.100 27.244	17.060 28.686	146.645 27.942
1/2/2016 8:45:00 PM 35821.035 1.020	211500.000 42225.242	65.099 27.272	17.059 28.713	146.641 27.917
1/2/2016 9:00:00 PM 35834.387 1.020	212400.000 42240.980	65.097 27.284	17.059 28.724	146.638 27.906
1/2/2016 9:15:00 PM 35802.973 1.020	213300.000 42203.781	65.095 27.257	17.059 28.699	146.633 27.931
1/2/2016 9:30:00 PM 35817.316 1.020	214200.000 42221.273	65.097 27.269	17.059 28.710	146.637 27.919
1/2/2016 9:45:00 PM 35810.359 1.020	215100.000 42213.238	65.091 27.264	17.059 28.705	146.623 27.925
1/2/2016 10:00:00 PM 35797.000 1.020	216000.000 42197.242	65.086 27.252	17.059 28.694	146.614 27.935
1/2/2016 10:15:00 PM 35792.047 1.020	216900.000 42191.238	65.090 27.248	17.059 28.690	146.622 27.939
1/2/2016 10:30:00 PM 35807.922 1.020	217800.000 42209.695	65.087 27.261	17.059 28.703	146.616 27.927
1/2/2016 10:45:00 PM 35801.707 1.020	218700.000 42202.793	65.089 27.256	17.059 28.698	146.620 27.932
1/2/2016 11:00:00 PM 35829.289 1.020	219600.000 42235.551	65.086 27.280	17.059 28.720	146.613 27.910
1/2/2016 11:15:00 PM 35809.867 1.020	220500.000 42212.570	65.085 27.263	17.059 28.705	146.610 27.925
1/2/2016 11:30:00 PM 35809.219 1.020	221400.000 42211.809	65.089 27.263	17.059 28.704	146.620 27.926
1/2/2016 11:45:00 PM 35820.906 1.020	222300.000 42225.586	65.087 27.273	17.059 28.713	146.616 27.917
1/3/2016 12:00:00 AM 35798.848 1.020	223200.000 42199.832	65.082 27.254	17.058 28.696	146.604 27.934
1/3/2016 12:15:00 AM 35814.996 1.020	224100.000 42218.293	65.091 27.267	17.059 28.708	146.623 27.921
1/3/2016 12:30:00 AM 35801.461 1.020	225000.000 42202.168	65.088 27.256	17.059 28.697	146.618 27.932

1/3/2016 12:45:00 AM 35816.801 1.020	225900.000 42220.746	65.095 27.269	17.059 28.710	146.632 27.920
1/3/2016 1:00:00 AM 35805.918 1.020	226800.000 42207.590	65.090 27.260	17.059 28.701	146.622 27.928
1/3/2016 1:15:00 AM 35817.980 1.020	227700.000 42222.137	65.093 27.270	17.059 28.711	146.628 27.919
1/3/2016 1:30:00 AM 35794.445 1.020	228600.000 42194.137	65.091 27.250	17.059 28.692	146.625 27.937
1/3/2016 1:45:00 AM 35815.613 1.020	229500.000 42219.266	65.095 27.268	17.059 28.709	146.633 27.921
1/3/2016 2:00:00 AM 35812.320 1.020	230400.000 42215.305	65.100 27.265	17.059 28.706	146.645 27.923
1/3/2016 2:15:00 AM 35830.691 1.020	231300.000 42237.707	65.104 27.281	17.058 28.722	146.652 27.909
1/3/2016 2:30:00 AM 35819.066 1.020	232200.000 42223.254	65.104 27.271	17.059 28.712	146.654 27.918
1/3/2016 2:45:00 AM 35808.211 1.020	233100.000 42210.621	65.109 27.262	17.059 28.703	146.664 27.927
1/3/2016 3:00:00 AM 35818.234 1.020	234000.000 42222.273	65.115 27.270	17.059 28.711	146.679 27.919
1/3/2016 3:15:00 AM 35793.527 1.020	234900.000 42193.230	65.115 27.249	17.059 28.691	146.678 27.938
1/3/2016 3:30:00 AM 35814.258 1.020	235800.000 42217.164	65.120 27.267	17.059 28.708	146.690 27.922
1/3/2016 3:45:00 AM 35811.684 1.020	236700.000 42213.789	65.129 27.264	17.060 28.705	146.709 27.924
1/3/2016 4:00:00 AM 35821.176 1.020	237600.000 42224.813	65.133 27.272	17.060 28.713	146.718 27.916
1/3/2016 4:15:00 AM 35824.469 1.020	238500.000 42228.281	65.135 27.275	17.060 28.715	146.722 27.914
1/3/2016 4:30:00 AM 35825.074 1.020	239400.000 42229.668	65.142 27.276	17.060 28.716	146.738 27.913
1/3/2016 4:45:00 AM 35830.926 1.020	240300.000 42236.391	65.149 27.280	17.060 28.721	146.754 27.909
1/3/2016 5:00:00 AM 35803.914 1.020	241200.000 42204.051	65.149 27.257	17.060 28.699	146.754 27.930
1/3/2016 5:15:00 AM 35823.023 1.020	242100.000 42226.324	65.152 27.273	17.061 28.714	146.762 27.915

1/3/2016 5:30:00 AM 35833.867 1.020	243000.000 42239.359	65.157 27.283	17.060 28.723	146.773 27.907
1/3/2016 5:45:00 AM 35823.895 1.020	243900.000 42226.930	65.163 27.274	17.061 28.714	146.785 27.914
1/3/2016 6:00:00 AM 35844.961 1.020	244800.000 42251.691	65.166 27.291	17.061 28.731	146.793 27.898
1/3/2016 6:15:00 AM 35859.074 1.020	245700.000 42267.566	65.170 27.303	17.062 28.742	146.802 27.887
1/3/2016 6:30:00 AM 35845.699 1.020	246600.000 42251.383	65.166 27.291	17.062 28.731	146.794 27.897
1/3/2016 6:45:00 AM 35843.703 1.020	247500.000 42248.785	65.174 27.289	17.063 28.729	146.811 27.899
1/3/2016 7:00:00 AM 35875.484 1.020	248400.000 42286.410	65.175 27.316	17.062 28.755	146.814 27.874
1/3/2016 7:15:00 AM 35860.836 1.020	249300.000 42268.645	65.174 27.304	17.063 28.743	146.810 27.886
1/3/2016 7:30:00 AM 35858.203 1.020	250200.000 42265.707	65.174 27.302	17.063 28.741	146.811 27.888
1/3/2016 7:45:00 AM 35865.262 1.020	251100.000 42274.027	65.174 27.307	17.063 28.746	146.810 27.882
1/3/2016 8:00:00 AM 35872.984 1.020	252000.000 42283.039	65.174 27.314	17.063 28.752	146.810 27.876
1/3/2016 8:15:00 AM 35851.969 1.020	252900.000 42258.605	65.169 27.296	17.063 28.736	146.800 27.892
1/3/2016 8:30:00 AM 35851.363 1.020	253800.000 42257.480	65.171 27.296	17.063 28.735	146.804 27.893
1/3/2016 8:45:00 AM 35853.570 1.020	254700.000 42260.414	65.167 27.298	17.063 28.737	146.795 27.891
1/3/2016 9:00:00 AM 35860.504 1.020	255600.000 42268.836	65.166 27.304	17.062 28.743	146.794 27.886
1/3/2016 9:15:00 AM 35865.934 1.020	256500.000 42274.988	65.166 27.308	17.063 28.747	146.794 27.882
1/3/2016 9:30:00 AM 35848.336 1.020	257400.000 42253.984	65.163 27.293	17.063 28.733	146.785 27.895
1/3/2016 9:45:00 AM 35835.977 1.020	258300.000 42239.582	65.157 27.283	17.063 28.723	146.773 27.905
1/3/2016 10:00:00 AM 35867.133 1.020	259200.000 42276.309	65.154 27.309	17.063 28.748	146.766 27.881

1/3/2016 10:15:00 AM 35844.633 1.020	260100.000 42250.129	65.159 27.290	17.062 28.730	146.776 27.898
1/3/2016 10:30:00 AM 35876.621 1.020	261000.000 42287.832	65.156 27.317	17.062 28.756	146.769 27.873
1/3/2016 10:45:00 AM 35858.145 1.020	261900.000 42265.387	65.149 27.301	17.063 28.740	146.754 27.888
1/3/2016 11:00:00 AM 35857.141 1.020	262800.000 42264.957	65.146 27.301	17.062 28.740	146.747 27.888
1/3/2016 11:15:00 AM 35871.438 1.020	263700.000 42281.984	65.146 27.313	17.062 28.752	146.747 27.877
1/3/2016 11:30:00 AM 35850.277 1.020	264600.000 42257.281	65.143 27.295	17.062 28.735	146.741 27.894
1/3/2016 11:45:00 AM 35870.234 1.020	265500.000 42280.305	65.156 27.312	17.062 28.751	146.770 27.878
1/3/2016 12:00:00 PM 35837.316 1.020	266400.000 42241.766	65.141 27.284	17.062 28.724	146.736 27.904
1/3/2016 12:15:00 PM 35843.629 1.020	267300.000 42249.207	65.135 27.290	17.062 28.729	146.724 27.899
1/3/2016 12:30:00 PM 35884.750 1.020	268200.000 42297.332	65.134 27.324	17.062 28.762	146.720 27.867
1/3/2016 12:45:00 PM 35842.891 1.020	269100.000 42248.574	65.135 27.289	17.062 28.729	146.722 27.900
1/3/2016 1:00:00 PM 35847.594 1.020	270000.000 42253.449	65.135 27.293	17.063 28.732	146.722 27.896
1/3/2016 1:15:00 PM 35856.332 1.020	270900.000 42263.918	65.130 27.300	17.062 28.739	146.712 27.889
1/3/2016 1:30:00 PM 35859.137 1.020	271800.000 42267.641	65.133 27.303	17.062 28.742	146.719 27.887
1/3/2016 1:45:00 PM 35874.734 1.020	272700.000 42285.941	65.132 27.316	17.062 28.754	146.715 27.875
1/3/2016 2:00:00 PM 35856.988 1.020	273600.000 42264.777	65.136 27.301	17.062 28.740	146.725 27.889
1/3/2016 2:15:00 PM 35866.875 1.020	274500.000 42276.762	65.132 27.309	17.062 28.748	146.717 27.881
1/3/2016 2:30:00 PM 35867.410 1.020	275400.000 42277.309	65.146 27.310	17.062 28.749	146.747 27.880
1/3/2016 2:45:00 PM 35876.551 1.020	276300.000 42288.504	65.135 27.318	17.062 28.756	146.724 27.873

1/3/2016 3:00:00 PM 35858.340 1.020	277200.000 42266.871	65.134 27.302	17.062 28.741	146.720 27.888
1/3/2016 3:15:00 PM 35860.016 1.020	278100.000 42268.594	65.135 27.304	17.062 28.743	146.722 27.886
1/3/2016 3:30:00 PM 35838.199 1.020	279000.000 42243.211	65.139 27.285	17.062 28.725	146.731 27.903
1/3/2016 3:45:00 PM 35849.875 1.020	279900.000 42256.727	65.140 27.295	17.062 28.735	146.735 27.894
1/3/2016 4:00:00 PM 35845.117 1.020	280800.000 42251.117	65.140 27.291	17.062 28.731	146.735 27.898
1/3/2016 4:15:00 PM 35864.391 1.020	281700.000 42273.676	65.142 27.307	17.062 28.746	146.740 27.883
1/3/2016 4:30:00 PM 35843.176 1.020	282600.000 42248.828	65.141 27.289	17.062 28.729	146.736 27.899
1/3/2016 4:45:00 PM 35863.184 1.020	283500.000 42272.324	65.149 27.306	17.062 28.745	146.754 27.884
1/3/2016 5:00:00 PM 35856.672 1.020	284400.000 42264.148	65.151 27.300	17.063 28.740	146.758 27.889
1/3/2016 5:15:00 PM 35848.418 1.020	285300.000 42254.676	65.151 27.294	17.062 28.733	146.758 27.895
1/3/2016 5:30:00 PM 35836.375 1.020	286200.000 42240.313	65.155 27.283	17.062 28.723	146.768 27.905
1/3/2016 5:45:00 PM 35857.336 1.020	287100.000 42265.020	65.158 27.301	17.062 28.740	146.775 27.888
1/3/2016 6:00:00 PM 35842.691 1.020	288000.000 42248.004	65.158 27.289	17.062 28.729	146.774 27.900
1/3/2016 6:15:00 PM 35868.688 1.020	288900.000 42278.742	65.162 27.311	17.062 28.750	146.784 27.879
1/3/2016 6:30:00 PM 35865.527 1.020	289800.000 42274.844	65.175 27.308	17.062 28.747	146.813 27.882
1/3/2016 6:45:00 PM 35853.313 1.020	290700.000 42260.859	65.163 27.298	17.062 28.737	146.785 27.891
1/3/2016 7:00:00 PM 35880.648 1.020	291600.000 42292.664	65.174 27.321	17.062 28.759	146.811 27.870
1/3/2016 7:15:00 PM 35841.938 1.020	292500.000 42247.367	65.166 27.288	17.062 28.728	146.794 27.900
1/3/2016 7:30:00 PM 35860.078 1.020	293400.000 42268.500	65.162 27.303	17.062 28.743	146.784 27.886

1/3/2016 7:45:00 PM 35858.273 1.020	294300.000 42266.961	65.164 27.302	17.062 28.742	146.789 27.888
1/3/2016 8:00:00 PM 35843.691 1.020	295200.000 42249.438	65.165 27.290	17.062 28.730	146.790 27.899
1/3/2016 8:15:00 PM 35850.215 1.020	296100.000 42257.207	65.164 27.295	17.062 28.735	146.789 27.894
1/3/2016 8:30:00 PM 35870.371 1.020	297000.000 42281.055	65.160 27.312	17.062 28.751	146.779 27.878
1/3/2016 8:45:00 PM 35854.777 1.020	297900.000 42261.914	65.162 27.299	17.063 28.738	146.785 27.890
1/3/2016 9:00:00 PM 35854.715 1.020	298800.000 42262.012	65.160 27.299	17.062 28.738	146.779 27.890
1/3/2016 9:15:00 PM 35847.797 1.020	299700.000 42254.277	65.159 27.293	17.062 28.733	146.776 27.896
1/3/2016 9:30:00 PM 35854.719 1.020	300600.000 42262.184	65.159 27.299	17.062 28.738	146.778 27.890
1/3/2016 9:45:00 PM 35867.137 1.020	301500.000 42276.738	65.159 27.309	17.062 28.748	146.777 27.881
1/3/2016 10:00:00 PM 35878.293 1.020	302400.000 42290.305	65.157 27.319	17.062 28.757	146.772 27.872
1/3/2016 10:15:00 PM 35857.469 1.020	303300.000 42265.590	65.159 27.301	17.062 28.741	146.778 27.888
1/3/2016 10:30:00 PM 35813.188 1.020	304200.000 42213.563	65.159 27.264	17.062 28.705	146.776 27.923
1/3/2016 10:45:00 PM 35841.074 1.020	305100.000 42246.352	65.153 27.288	17.062 28.728	146.764 27.901
1/3/2016 11:00:00 PM 35879.508 1.020	306000.000 42291.738	65.152 27.320	17.062 28.758	146.762 27.871
1/3/2016 11:15:00 PM 35850.625 1.020	306900.000 42257.945	65.158 27.296	17.062 28.735	146.775 27.894
1/3/2016 11:30:00 PM 35842.902 1.020	307800.000 42249.004	65.155 27.289	17.061 28.729	146.768 27.900
1/3/2016 11:45:00 PM 35853.773 1.020	308700.000 42262.234	65.148 27.299	17.061 28.738	146.753 27.891
1/4/2016 12:00:00 AM 35838.930 1.020	309600.000 42244.410	65.152 27.286	17.061 28.726	146.761 27.903
1/4/2016 12:15:00 AM 35843.574 1.020	310500.000 42250.125	65.149 27.290	17.061 28.730	146.754 27.899

1/4/2016 12:30:00 AM 35830.793 1.020	311400.000 42234.727	65.148 27.279	17.061 28.720	146.752 27.909
1/4/2016 12:45:00 AM 35842.895 1.020	312300.000 42248.746	65.152 27.289	17.062 28.729	146.762 27.900
1/4/2016 1:00:00 AM 35858.414 1.020	313200.000 42267.285	65.152 27.303	17.061 28.742	146.762 27.887
1/4/2016 1:15:00 AM 35857.590 1.020	314100.000 42266.406	65.159 27.302	17.061 28.741	146.777 27.888
1/4/2016 1:30:00 AM 35862.035 1.020	315000.000 42271.973	65.159 27.306	17.061 28.745	146.776 27.885
1/4/2016 1:45:00 AM 35870.098 1.020	315900.000 42281.223	65.159 27.313	17.061 28.751	146.777 27.878
1/4/2016 2:00:00 AM 35855.660 1.020	316800.000 42263.457	65.168 27.300	17.062 28.739	146.797 27.890
1/4/2016 2:15:00 AM 35864.582 1.020	317700.000 42274.309	65.164 27.308	17.062 28.747	146.789 27.883
1/4/2016 2:30:00 AM 35863.984 1.020	318600.000 42273.691	65.170 27.307	17.062 28.746	146.801 27.883
1/4/2016 2:45:00 AM 35846.234 1.020	319500.000 42252.684	65.174 27.292	17.062 28.732	146.810 27.897
1/4/2016 3:00:00 AM 35841.348 1.020	320400.000 42246.586	65.179 27.288	17.062 28.728	146.822 27.901
1/4/2016 3:15:00 AM 35891.543 1.020	321300.000 42305.922	65.181 27.330	17.062 28.768	146.826 27.862
1/4/2016 3:30:00 AM 35826.098 1.020	322200.000 42228.367	65.186 27.275	17.062 28.715	146.837 27.913
1/4/2016 3:45:00 AM 35846.723 1.020	323100.000 42252.922	65.188 27.292	17.062 28.732	146.842 27.897
1/4/2016 4:00:00 AM 35848.602 1.020	324000.000 42254.805	65.193 27.294	17.062 28.733	146.854 27.895
1/4/2016 4:15:00 AM 35859.348 1.020	324900.000 42266.965	65.197 27.302	17.063 28.742	146.863 27.887
1/4/2016 4:30:00 AM 35876.816 1.020	325800.000 42287.980	65.201 27.317	17.062 28.756	146.871 27.873
1/4/2016 4:45:00 AM 35876.219 1.020	326700.000 42286.434	65.208 27.316	17.063 28.755	146.887 27.874
1/4/2016 5:00:00 AM 35885.289 1.020	327600.000 42297.801	65.217 27.324	17.063 28.763	146.908 27.867

1/4/2016 5:15:00 AM 35871.176 1.020	328500.000 42280.664	65.228 27.312	17.063 28.751	146.933 27.878
1/4/2016 5:30:00 AM 35887.711 1.020	329400.000 42299.980	65.232 27.326	17.063 28.764	146.941 27.865
1/4/2016 5:45:00 AM 35886.906 1.020	330300.000 42298.020	65.230 27.325	17.064 28.763	146.936 27.865
1/4/2016 6:00:00 AM 35873.266 1.020	331200.000 42281.707	65.235 27.313	17.065 28.752	146.949 27.876
1/4/2016 6:15:00 AM 35876.020 1.020	332100.000 42285.023	65.241 27.315	17.065 28.754	146.961 27.874
1/4/2016 6:30:00 AM 35893.082 1.020	333000.000 42303.805	65.242 27.329	17.066 28.767	146.964 27.861
1/4/2016 6:45:00 AM 35889.324 1.020	333900.000 42299.957	65.247 27.326	17.065 28.764	146.975 27.863
1/4/2016 7:00:00 AM 35866.082 1.020	334800.000 42272.148	65.247 27.306	17.066 28.745	146.975 27.881
1/4/2016 7:15:00 AM 35901.352 1.020	335700.000 42313.465	65.251 27.336	17.066 28.773	146.984 27.854
1/4/2016 7:30:00 AM 35917.281 1.020	336600.000 42332.066	65.248 27.349	17.066 28.786	146.977 27.842
1/4/2016 7:45:00 AM 35894.973 1.020	337500.000 42305.602	65.248 27.330	17.066 28.768	146.978 27.859
1/4/2016 8:00:00 AM 35902.633 1.020	338400.000 42314.801	65.255 27.337	17.066 28.774	146.993 27.853
1/4/2016 8:15:00 AM 35885.020 1.020	339300.000 42293.543	65.245 27.322	17.067 28.760	146.971 27.867
1/4/2016 8:30:00 AM 35890.805 1.020	340200.000 42300.859	65.248 27.327	17.066 28.765	146.978 27.862
1/4/2016 8:45:00 AM 35910.688 1.020	341100.000 42324.219	65.258 27.344	17.066 28.780	147.001 27.847
1/4/2016 9:00:00 AM 35899.938 1.020	342000.000 42311.965	65.247 27.335	17.066 28.772	146.975 27.855
1/4/2016 9:15:00 AM 35936.523 1.020	342900.000 42354.160	65.242 27.365	17.067 28.801	146.964 27.827
1/4/2016 9:30:00 AM 35925.625 1.020	343800.000 42341.402	65.239 27.356	17.067 28.792	146.957 27.835
1/4/2016 9:45:00 AM 35912.250 1.020	344700.000 42326.133	65.236 27.345	17.066 28.782	146.951 27.846

1/4/2016 10:00:00 AM 35884.414 1.020	345600.000 42293.254	65.235 27.321	17.066 28.759	146.948 27.867
1/4/2016 10:15:00 AM 35893.895 1.020	346500.000 42304.426	65.235 27.329	17.066 28.767	146.948 27.860
1/4/2016 10:30:00 AM 35923.750 1.020	347400.000 42339.863	65.230 27.355	17.066 28.791	146.936 27.837
1/4/2016 10:45:00 AM 35883.211 1.020	348300.000 42291.738	65.240 27.320	17.066 28.758	146.960 27.868
1/4/2016 11:00:00 AM 35902.965 1.020	349200.000 42315.531	65.223 27.337	17.066 28.775	146.921 27.853
1/4/2016 11:15:00 AM 35899.945 1.020	350100.000 42311.723	65.219 27.335	17.066 28.772	146.913 27.855
1/4/2016 11:30:00 AM 35897.793 1.020	351000.000 42309.438	65.216 27.333	17.066 28.770	146.906 27.857
1/4/2016 11:45:00 AM 35903.777 1.020	351900.000 42316.492	65.214 27.338	17.066 28.775	146.900 27.852
1/4/2016 12:00:00 PM 35911.164 1.020	352800.000 42325.531	65.222 27.345	17.066 28.781	146.920 27.846
1/4/2016 12:15:00 PM 35904.715 1.020	353700.000 42318.020	65.207 27.339	17.065 28.776	146.886 27.851
1/4/2016 12:30:00 PM 35896.988 1.020	354600.000 42308.910	65.205 27.333	17.065 28.770	146.880 27.857
1/4/2016 12:45:00 PM 35872.527 1.020	355500.000 42280.254	65.194 27.312	17.065 28.751	146.857 27.876
1/4/2016 1:00:00 PM 35877.027 1.020	356400.000 42286.211	65.211 27.316	17.065 28.755	146.895 27.873
1/4/2016 1:15:00 PM 35903.504 1.020	357300.000 42317.090	65.197 27.338	17.065 28.776	146.863 27.852
1/4/2016 1:30:00 PM 35908.480 1.020	358200.000 42322.797	65.192 27.343	17.065 28.780	146.851 27.849
1/4/2016 1:45:00 PM 35902.156 1.020	359100.000 42315.590	65.195 27.337	17.065 28.775	146.857 27.853
1/4/2016 2:00:00 PM 35887.574 1.020	360000.000 42297.559	65.189 27.324	17.066 28.762	146.845 27.865
1/4/2016 2:15:00 PM 35900.609 1.020	360900.000 42313.422	65.185 27.336	17.065 28.773	146.836 27.855
1/4/2016 2:30:00 PM 35896.582 1.020	361800.000 42308.852	65.185 27.333	17.065 28.770	146.835 27.858

1/4/2016 2:45:00 PM 35882.063 1.020	362700.000 42292.488	65.183 27.321	17.064 28.759	146.831 27.869
1/4/2016 3:00:00 PM 35882.066 1.020	363600.000 42291.566	65.183 27.320	17.065 28.758	146.832 27.869
1/4/2016 3:15:00 PM 35885.695 1.020	364500.000 42296.594	65.185 27.324	17.064 28.762	146.836 27.866
1/4/2016 3:30:00 PM 35883.410 1.020	365400.000 42293.664	65.186 27.322	17.065 28.760	146.837 27.868
1/4/2016 3:45:00 PM 35885.422 1.020	366300.000 42295.699	65.189 27.323	17.065 28.761	146.845 27.866
1/4/2016 4:00:00 PM 35880.320 1.020	367200.000 42290.020	65.192 27.319	17.065 28.757	146.851 27.870
1/4/2016 4:15:00 PM 35918.969 1.020	368100.000 42335.574	65.204 27.352	17.065 28.788	146.879 27.840
1/4/2016 4:30:00 PM 35893.289 1.020	369000.000 42305.719	65.190 27.330	17.064 28.768	146.846 27.860
1/4/2016 4:45:00 PM 35885.898 1.020	369900.000 42296.012	65.196 27.323	17.065 28.761	146.860 27.866
1/4/2016 5:00:00 PM 35878.504 1.020	370800.000 42287.715	65.201 27.317	17.065 28.756	146.873 27.872
1/4/2016 5:15:00 PM 35869.711 1.020	371700.000 42277.848	65.197 27.310	17.064 28.749	146.863 27.879
1/4/2016 5:30:00 PM 35899.074 1.020	372600.000 42311.867	65.204 27.335	17.065 28.772	146.878 27.856
1/4/2016 5:45:00 PM 35897.922 1.020	373500.000 42310.602	65.208 27.334	17.065 28.771	146.887 27.857
1/4/2016 6:00:00 PM 35912.918 1.020	374400.000 42328.773	65.205 27.347	17.064 28.784	146.881 27.845
1/4/2016 6:15:00 PM 35892.348 1.020	375300.000 42303.684	65.211 27.329	17.065 28.767	146.894 27.861
1/4/2016 6:30:00 PM 35861.043 1.020	376200.000 42267.043	65.214 27.303	17.065 28.742	146.901 27.885
1/4/2016 6:45:00 PM 35876.355 1.020	377100.000 42285.180	65.219 27.316	17.065 28.754	146.912 27.874
1/4/2016 7:00:00 PM 35870.918 1.020	378000.000 42278.773	65.219 27.311	17.065 28.750	146.913 27.878
1/4/2016 7:15:00 PM 35907.945 1.020	378900.000 42321.996	65.223 27.342	17.065 28.779	146.921 27.849

1/4/2016 7:30:00 PM 35883.340 1.020	379800.000 42293.242	65.222 27.321	17.065 28.759	146.919 27.868
1/4/2016 7:45:00 PM 35869.969 1.020	380700.000 42277.402	65.224 27.310	17.065 28.749	146.924 27.878
1/4/2016 8:00:00 PM 35878.840 1.020	381600.000 42288.277	65.228 27.318	17.065 28.756	146.933 27.872
1/4/2016 8:15:00 PM 35892.887 1.020	382500.000 42304.832	65.240 27.330	17.065 28.767	146.960 27.861
1/4/2016 8:30:00 PM 35881.867 1.020	383400.000 42292.176	65.227 27.321	17.064 28.759	146.930 27.869
1/4/2016 8:45:00 PM 35892.219 1.020	384300.000 42304.043	65.233 27.329	17.065 28.767	146.945 27.861
1/4/2016 9:00:00 PM 35911.977 1.020	385200.000 42327.332	65.229 27.346	17.065 28.783	146.934 27.846
1/4/2016 9:15:00 PM 35889.527 1.020	386100.000 42300.457	65.227 27.327	17.065 28.764	146.930 27.863
1/4/2016 9:30:00 PM 35866.547 1.020	387000.000 42273.785	65.232 27.307	17.065 28.746	146.941 27.881
1/4/2016 9:45:00 PM 35879.852 1.020	387900.000 42289.469	65.232 27.319	17.065 28.757	146.941 27.871
1/4/2016 10:00:00 PM 35876.152 1.020	388800.000 42285.273	65.234 27.316	17.064 28.754	146.947 27.874
1/4/2016 10:15:00 PM 35877.496 1.020	389700.000 42286.930	65.229 27.317	17.064 28.755	146.934 27.873
1/4/2016 10:30:00 PM 35863.457 1.020	390600.000 42270.313	65.232 27.305	17.064 28.744	146.941 27.884
1/4/2016 10:45:00 PM 35905.992 1.020	391500.000 42319.602	65.233 27.340	17.065 28.777	146.943 27.851
1/4/2016 11:00:00 PM 35883.816 1.020	392400.000 42294.211	65.224 27.322	17.065 28.760	146.924 27.868
1/4/2016 11:15:00 PM 35928.664 1.020	393300.000 42347.238	65.229 27.360	17.064 28.796	146.934 27.833
1/4/2016 11:30:00 PM 35880.391 1.020	394200.000 42290.176	65.227 27.319	17.065 28.757	146.929 27.870
1/4/2016 11:45:00 PM 35891.207 1.020	395100.000 42302.688	65.226 27.328	17.065 28.766	146.927 27.862
1/5/2016 12:00:00 AM 35906.191 1.020	396000.000 42320.512	65.227 27.341	17.065 28.778	146.930 27.850

1/5/2016 12:15:00 AM 35884.410 1.020	396900.000 42294.586	65.238 27.322	17.065 28.760	146.955 27.867
1/5/2016 12:30:00 AM 35858.824 1.020	397800.000 42264.684	65.227 27.301	17.065 28.740	146.931 27.887
1/5/2016 12:45:00 AM 35891.945 1.020	398700.000 42303.793	65.231 27.329	17.065 28.767	146.939 27.861
1/5/2016 1:00:00 AM 35879.852 1.020	399600.000 42289.469	65.227 27.319	17.065 28.757	146.931 27.871
1/5/2016 1:15:00 AM 35901.426 1.020	400500.000 42314.730	65.231 27.337	17.065 28.774	146.939 27.854
1/5/2016 1:30:00 AM 35890.395 1.020	401400.000 42302.063	65.230 27.328	17.064 28.765	146.938 27.863
1/5/2016 1:45:00 AM 35877.359 1.020	402300.000 42286.945	65.227 27.317	17.064 28.755	146.929 27.873
1/5/2016 2:00:00 AM 35908.480 1.020	403200.000 42323.211	65.229 27.343	17.065 28.780	146.934 27.849
1/5/2016 2:15:00 AM 35886.773 1.020	404100.000 42297.699	65.235 27.325	17.065 28.762	146.948 27.865
1/5/2016 2:30:00 AM 35908.891 1.020	405000.000 42323.605	65.237 27.343	17.065 28.780	146.953 27.848
1/5/2016 2:45:00 AM 35885.559 1.020	405900.000 42296.195	65.241 27.323	17.065 28.761	146.962 27.866
1/5/2016 3:00:00 AM 35898.469 1.020	406800.000 42310.898	65.247 27.334	17.065 28.771	146.974 27.856
1/5/2016 3:15:00 AM 35899.004 1.020	407700.000 42311.531	65.250 27.334	17.065 28.772	146.982 27.856
1/5/2016 3:30:00 AM 35883.340 1.020	408600.000 42293.242	65.250 27.321	17.065 28.759	146.982 27.868
1/5/2016 3:45:00 AM 35881.469 1.020	409500.000 42291.039	65.271 27.320	17.065 28.758	147.030 27.870
1/5/2016 4:00:00 AM 35918.969 1.020	410400.000 42334.316	65.263 27.351	17.066 28.787	147.012 27.840
1/5/2016 4:15:00 AM 35887.910 1.020	411300.000 42297.789	65.261 27.325	17.066 28.762	147.008 27.865
1/5/2016 4:30:00 AM 35887.980 1.020	412200.000 42297.125	65.276 27.324	17.067 28.762	147.041 27.864
1/5/2016 4:45:00 AM 35913.781 1.020	413100.000 42327.699	65.275 27.346	17.066 28.783	147.039 27.844

1/5/2016 5:00:00 AM 35908.809 1.020	414000.000 42321.836	65.281 27.342	17.066 28.779	147.051 27.848
1/5/2016 5:15:00 AM 35887.980 1.020	414900.000 42296.617	65.285 27.324	17.067 28.762	147.060 27.864
1/5/2016 5:30:00 AM 35946.680 1.020	415800.000 42366.051	65.298 27.374	17.067 28.809	147.090 27.819
1/5/2016 5:45:00 AM 35900.883 1.020	416700.000 42310.824	65.301 27.334	17.068 28.771	147.097 27.854
1/5/2016 6:00:00 AM 35921.926 1.020	417600.000 42335.535	65.308 27.352	17.068 28.788	147.113 27.838
1/5/2016 6:15:00 AM 35935.711 1.020	418500.000 42351.109	65.313 27.363	17.069 28.799	147.123 27.827
1/5/2016 6:30:00 AM 35932.539 1.020	419400.000 42346.867	65.314 27.360	17.070 28.796	147.126 27.830
1/5/2016 6:45:00 AM 35927.016 1.020	420300.000 42340.109	65.326 27.355	17.070 28.791	147.152 27.834
1/5/2016 7:00:00 AM 35954.648 1.020	421200.000 42372.762	65.329 27.379	17.070 28.813	147.161 27.813
1/5/2016 7:15:00 AM 35955.520 1.020	422100.000 42373.289	65.326 27.379	17.070 28.814	147.152 27.812
1/5/2016 7:30:00 AM 35960.246 1.020	423000.000 42378.438	65.334 27.383	17.071 28.817	147.171 27.808
1/5/2016 7:45:00 AM 35951.559 1.020	423900.000 42367.777	65.334 27.375	17.071 28.810	147.172 27.815
1/5/2016 8:00:00 AM 35958.875 1.020	424800.000 42376.152	65.341 27.381	17.071 28.816	147.187 27.810
1/5/2016 8:15:00 AM 35966.820 1.020	425700.000 42385.340	65.336 27.388	17.072 28.822	147.176 27.803
1/5/2016 8:30:00 AM 35969.852 1.020	426600.000 42387.988	65.333 27.390	17.073 28.824	147.169 27.801
1/5/2016 8:45:00 AM 35980.945 1.020	427500.000 42401.828	65.354 27.399	17.072 28.833	147.215 27.792
1/5/2016 9:00:00 AM 35989.715 1.020	428400.000 42412.574	65.336 27.407	17.071 28.841	147.176 27.786
1/5/2016 9:15:00 AM 35963.195 1.020	429300.000 42381.488	65.344 27.385	17.071 28.819	147.194 27.806
1/5/2016 9:30:00 AM 35972.891 1.020	430200.000 42392.492	65.334 27.393	17.072 28.827	147.171 27.799

1/5/2016 9:45:00 AM 35974.223 1.020	431100.000 42393.734	65.332 27.394	17.072 28.828	147.167 27.798
1/5/2016 10:00:00 AM 35981.848 1.020	432000.000 42402.891	65.329 27.400	17.072 28.834	147.160 27.792
1/5/2016 10:15:00 AM 35954.363 1.020	432900.000 42370.914	65.321 27.377	17.071 28.812	147.141 27.813
1/5/2016 10:30:00 AM 35946.160 1.020	433800.000 42361.344	65.324 27.370	17.071 28.806	147.148 27.819
1/5/2016 10:45:00 AM 35976.723 1.020	434700.000 42397.941	65.333 27.397	17.071 28.831	147.169 27.796
1/5/2016 11:00:00 AM 35961.707 1.020	435600.000 42379.570	65.316 27.384	17.071 28.818	147.131 27.807
1/5/2016 11:15:00 AM 35977.875 1.020	436500.000 42398.965	65.307 27.397	17.071 28.831	147.110 27.795
1/5/2016 11:30:00 AM 35932.785 1.020	437400.000 42345.996	65.302 27.359	17.071 28.795	147.100 27.830
1/5/2016 11:45:00 AM 35979.824 1.020	438300.000 42401.672	65.296 27.399	17.071 28.833	147.085 27.793
1/5/2016 12:00:00 PM 35934.613 1.020	439200.000 42349.152	65.299 27.362	17.070 28.797	147.092 27.828
1/5/2016 12:15:00 PM 35956.074 1.020	440100.000 42374.191	65.289 27.380	17.070 28.814	147.071 27.812
1/5/2016 12:30:00 PM 35966.156 1.020	441000.000 42386.324	65.289 27.388	17.070 28.823	147.070 27.804
1/5/2016 12:45:00 PM 35961.793 1.020	441900.000 42380.762	65.282 27.384	17.070 28.819	147.053 27.807
1/5/2016 1:00:00 PM 35928.965 1.020	442800.000 42342.992	65.280 27.357	17.069 28.793	147.050 27.833
1/5/2016 1:15:00 PM 35950.746 1.020	443700.000 42368.828	65.275 27.376	17.069 28.811	147.038 27.816
1/5/2016 1:30:00 PM 35943.566 1.020	444600.000 42360.629	65.275 27.370	17.069 28.805	147.039 27.821
1/5/2016 1:45:00 PM 35933.879 1.020	445500.000 42348.703	65.273 27.361	17.069 28.797	147.033 27.829
1/5/2016 2:00:00 PM 35945.996 1.020	446400.000 42363.324	65.269 27.372	17.069 28.807	147.024 27.820
1/5/2016 2:15:00 PM 35961.586 1.020	447300.000 42381.023	65.263 27.384	17.070 28.819	147.010 27.807

1/5/2016 2:30:00 PM 35924.391 1.020	448200.000 42338.027	65.268 27.354	17.069 28.790	147.023 27.836
1/5/2016 2:45:00 PM 35906.313 1.020	449100.000 42316.797	65.259 27.338	17.069 28.775	147.001 27.850
1/5/2016 3:00:00 PM 35928.957 1.020	450000.000 42343.410	65.256 27.357	17.069 28.794	146.996 27.833
1/5/2016 3:15:00 PM 35921.043 1.020	450900.000 42333.918	65.254 27.351	17.069 28.787	146.992 27.839
1/5/2016 3:30:00 PM 35944.176 1.020	451800.000 42361.594	65.261 27.370	17.069 28.806	147.008 27.821
1/5/2016 3:45:00 PM 35941.551 1.020	452700.000 42358.156	65.266 27.368	17.069 28.804	147.018 27.823
1/5/2016 4:00:00 PM 35924.203 1.020	453600.000 42338.055	65.264 27.354	17.069 28.790	147.014 27.836
1/5/2016 4:15:00 PM 35952.441 1.020	454500.000 42371.750	65.265 27.378	17.068 28.813	147.017 27.815
1/5/2016 4:30:00 PM 35945.801 1.020	455400.000 42363.590	65.264 27.372	17.068 28.807	147.013 27.820
1/5/2016 4:45:00 PM 35929.441 1.020	456300.000 42343.816	65.257 27.358	17.069 28.794	146.998 27.832
1/5/2016 5:00:00 PM 35930.445 1.020	457200.000 42345.746	65.270 27.359	17.068 28.795	147.026 27.832
1/5/2016 5:15:00 PM 35920.625 1.020	458100.000 42334.004	65.275 27.351	17.068 28.787	147.039 27.839
1/5/2016 5:30:00 PM 35914.648 1.020	459000.000 42326.875	65.271 27.346	17.068 28.782	147.029 27.844
1/5/2016 5:45:00 PM 35943.148 1.020	459900.000 42359.785	65.283 27.369	17.069 28.805	147.055 27.822
1/5/2016 6:00:00 PM 35923.121 1.020	460800.000 42336.531	65.275 27.353	17.069 28.789	147.039 27.837
1/5/2016 6:15:00 PM 35935.480 1.020	461700.000 42350.668	65.305 27.363	17.069 28.798	147.106 27.828
1/5/2016 6:30:00 PM 35962.793 1.020	462600.000 42382.938	65.280 27.386	17.069 28.820	147.049 27.807
1/5/2016 6:45:00 PM 35942.965 1.020	463500.000 42359.492	65.292 27.369	17.069 28.804	147.076 27.822
1/5/2016 7:00:00 PM 35960.691 1.020	464400.000 42379.883	65.298 27.384	17.070 28.818	147.090 27.808

1/5/2016 7:15:00 PM 35935.688 1.020	465300.000 42350.914	65.307 27.363	17.069 28.799	147.110 27.827
1/5/2016 7:30:00 PM 35948.914 1.020	466200.000 42365.918	65.300 27.374	17.070 28.809	147.094 27.817
1/5/2016 7:45:00 PM 35963.465 1.020	467100.000 42382.652	65.317 27.386	17.070 28.820	147.132 27.806
1/5/2016 8:00:00 PM 35984.734 1.020	468000.000 42407.129	65.307 27.403	17.071 28.837	147.111 27.790
1/5/2016 8:15:00 PM 35959.152 1.020	468900.000 42377.148	65.311 27.382	17.071 28.816	147.120 27.809
1/5/2016 8:30:00 PM 35961.730 1.020	469800.000 42381.023	65.325 27.384	17.070 28.819	147.151 27.807
1/5/2016 8:45:00 PM 35976.961 1.020	470700.000 42398.137	65.316 27.397	17.071 28.831	147.130 27.796
1/5/2016 9:00:00 PM 35948.922 1.020	471600.000 42365.090	65.329 27.373	17.071 28.808	147.159 27.817
1/5/2016 9:15:00 PM 35976.926 1.020	472500.000 42398.422	65.317 27.397	17.070 28.831	147.134 27.796
1/5/2016 9:30:00 PM 35961.969 1.020	473400.000 42379.293	65.315 27.383	17.072 28.818	147.129 27.807
1/5/2016 9:45:00 PM 35959.844 1.020	474300.000 42377.539	65.354 27.382	17.071 28.817	147.217 27.809
1/5/2016 10:00:00 PM 35950.641 1.020	475200.000 42367.117	65.346 27.375	17.071 28.810	147.199 27.816
1/5/2016 10:15:00 PM 35985.070 1.020	476100.000 42407.270	65.334 27.403	17.071 28.837	147.171 27.789
1/5/2016 10:30:00 PM 35981.816 1.020	477000.000 42402.598	65.331 27.400	17.072 28.834	147.165 27.792
1/5/2016 10:45:00 PM 35969.496 1.020	477900.000 42388.414	65.345 27.390	17.072 28.824	147.195 27.801
1/5/2016 11:00:00 PM 36000.828 1.020	478800.000 42425.168	65.332 27.416	17.072 28.849	147.167 27.777
1/5/2016 11:15:00 PM 35975.980 1.020	479700.000 42396.645	65.334 27.396	17.071 28.830	147.171 27.796
1/5/2016 11:30:00 PM 35963.777 1.020	480600.000 42381.844	65.337 27.385	17.072 28.820	147.178 27.806
1/5/2016 11:45:00 PM 35966.449 1.020	481500.000 42384.824	65.339 27.387	17.072 28.822	147.183 27.804

1/6/2016 12:00:00 AM 35956.250 1.020	482400.000 42372.383	65.334 27.378	17.072 28.813	147.172 27.812
1/6/2016 12:15:00 AM 35965.941 1.020	483300.000 42383.547	65.336 27.386	17.072 28.821	147.176 27.804
1/6/2016 12:30:00 AM 35993.445 1.020	484200.000 42416.125	65.328 27.410	17.072 28.843	147.158 27.783
1/6/2016 12:45:00 AM 35970.984 1.020	485100.000 42389.250	65.347 27.391	17.073 28.825	147.200 27.800
1/6/2016 1:00:00 AM 35946.766 1.020	486000.000 42361.379	65.334 27.371	17.072 28.806	147.170 27.819
1/6/2016 1:15:00 AM 35990.895 1.020	486900.000 42413.121	65.344 27.408	17.072 28.841	147.194 27.785
1/6/2016 1:30:00 AM 35973.828 1.020	487800.000 42393.184	65.331 27.393	17.072 28.827	147.165 27.798
1/6/2016 1:45:00 AM 35995.699 1.020	488700.000 42418.375	65.333 27.411	17.073 28.844	147.169 27.781
1/6/2016 2:00:00 AM 35993.605 1.020	489600.000 42415.734	65.338 27.410	17.073 28.843	147.181 27.783
1/6/2016 2:15:00 AM 35960.957 1.020	490500.000 42378.016	65.360 27.382	17.072 28.817	147.229 27.808
1/6/2016 2:30:00 AM 35982.152 1.020	491400.000 42402.238	65.344 27.400	17.073 28.834	147.193 27.792
1/6/2016 2:45:00 AM 35980.078 1.020	492300.000 42399.289	65.340 27.398	17.073 28.832	147.185 27.793
1/6/2016 3:00:00 AM 35988.465 1.020	493200.000 42409.340	65.374 27.405	17.073 28.838	147.262 27.787
1/6/2016 3:15:00 AM 35997.828 1.020	494100.000 42420.039	65.357 27.413	17.074 28.846	147.224 27.779
1/6/2016 3:30:00 AM 35967.270 1.020	495000.000 42383.367	65.370 27.386	17.074 28.821	147.252 27.803
1/6/2016 3:45:00 AM 35997.113 1.020	495900.000 42418.359	65.360 27.411	17.074 28.844	147.231 27.780
1/6/2016 4:00:00 AM 35992.645 1.020	496800.000 42413.180	65.371 27.408	17.074 28.841	147.255 27.783
1/6/2016 4:15:00 AM 35994.098 1.020	497700.000 42414.383	65.371 27.409	17.075 28.842	147.254 27.782
1/6/2016 4:30:00 AM 35988.797 1.020	498600.000 42407.883	65.394 27.404	17.075 28.837	147.306 27.786

1/6/2016 4:45:00 AM	499500.000	65.385	17.075	147.287
36022.746	42447.637	27.433	28.864	27.760
1.020				
1/6/2016 5:00:00 AM	500400.000	65.405	17.076	147.330
35991.277	42410.141	27.406	28.839	27.785
1.020				
1/6/2016 5:15:00 AM	501300.000	65.398	17.076	147.316
36001.387	42421.801	27.414	28.847	27.777
1.020				
1/6/2016 5:30:00 AM	502200.000	65.400	17.077	147.319
36040.617	42467.363	27.447	28.878	27.746
1.020				
1/6/2016 5:45:00 AM	503100.000	65.422	17.077	147.369
36022.684	42446.230	27.432	28.863	27.760
1.020				
1/6/2016 6:00:00 AM	504000.000	65.419	17.077	147.364
36016.012	42438.027	27.426	28.858	27.765
1.020				
1/6/2016 6:15:00 AM	504900.000	65.424	17.077	147.374
36018.656	42441.320	27.428	28.860	27.763
1.020				
1/6/2016 6:30:00 AM	505800.000	65.428	17.077	147.383
36036.391	42461.953	27.443	28.874	27.750
1.020				
1/6/2016 6:45:00 AM	506700.000	65.437	17.078	147.403
36070.387	42501.000	27.471	28.901	27.724
1.020				
1/6/2016 7:00:00 AM	507600.000	65.442	17.079	147.415
36057.191	42484.703	27.459	28.890	27.734
1.020				
1/6/2016 7:15:00 AM	508500.000	65.447	17.079	147.425
36041.598	42466.156	27.446	28.877	27.746
1.020				
1/6/2016 7:30:00 AM	509400.000	65.452	17.080	147.437
36061.121	42488.746	27.462	28.892	27.731
1.020				
1/6/2016 7:45:00 AM	510300.000	65.465	17.080	147.466
36060.410	42487.570	27.461	28.892	27.731
1.020				
1/6/2016 8:00:00 AM	511200.000	65.453	17.080	147.440
36052.078	42477.328	27.454	28.885	27.738
1.020				
1/6/2016 8:15:00 AM	512100.000	65.458	17.081	147.452
36059.793	42486.250	27.460	28.891	27.732
1.020				
1/6/2016 8:30:00 AM	513000.000	65.463	17.081	147.462
36072.176	42500.840	27.471	28.901	27.722
1.020				
1/6/2016 8:45:00 AM	513900.000	65.460	17.080	147.455
36062.379	42489.465	27.463	28.893	27.730
1.020				
1/6/2016 9:00:00 AM	514800.000	65.476	17.082	147.492
36074.047	42502.199	27.472	28.901	27.721
1.020				
1/6/2016 9:15:00 AM	515700.000	65.460	17.081	147.455
36048.738	42472.555	27.451	28.881	27.740
1.020				

1/6/2016 9:30:00 AM 36088.469 1.020	516600.000 42519.613	65.465 27.484	17.081 28.913	147.466 27.710
1/6/2016 9:45:00 AM 36040.766 1.020	517500.000 42463.496	65.465 27.444	17.081 28.875	147.465 27.746
1/6/2016 10:00:00 AM 36095.586 1.020	518400.000 42528.676	65.460 27.491	17.080 28.920	147.454 27.704
1/6/2016 10:15:00 AM 36052.402 1.020	519300.000 42478.055	65.456 27.455	17.080 28.885	147.447 27.737
1/6/2016 10:30:00 AM 36041.418 1.020	520200.000 42465.367	65.468 27.445	17.080 28.876	147.474 27.746
1/6/2016 10:45:00 AM 36044.352 1.020	521100.000 42469.398	65.465 27.448	17.079 28.879	147.465 27.744
1/6/2016 11:00:00 AM 36062.223 1.020	522000.000 42489.883	65.463 27.463	17.080 28.893	147.462 27.730
1/6/2016 11:15:00 AM 36038.074 1.020	522900.000 42461.922	65.437 27.443	17.079 28.874	147.402 27.748
1/6/2016 11:30:00 AM 36053.867 1.020	523800.000 42480.957	65.439 27.457	17.079 28.887	147.408 27.736
1/6/2016 11:45:00 AM 36042.875 1.020	524700.000 42468.754	65.434 27.448	17.078 28.879	147.397 27.745
1/6/2016 12:00:00 PM 36052.492 1.020	525600.000 42479.758	65.429 27.456	17.078 28.886	147.385 27.737
1/6/2016 12:15:00 PM 36007.188 1.020	526500.000 42426.957	65.425 27.418	17.078 28.850	147.377 27.772
1/6/2016 12:30:00 PM 36019.293 1.020	527400.000 42441.645	65.427 27.428	17.077 28.860	147.381 27.763
1/6/2016 12:45:00 PM 36046.676 1.020	528300.000 42474.840	65.417 27.452	17.076 28.883	147.357 27.742
1/6/2016 1:00:00 PM 36031.703 1.020	529200.000 42457.195	65.404 27.439	17.076 28.871	147.330 27.753
1/6/2016 1:15:00 PM 36040.633 1.020	530100.000 42468.133	65.402 27.447	17.076 28.878	147.324 27.746
1/6/2016 1:30:00 PM 35995.574 1.020	531000.000 42415.203	65.399 27.409	17.076 28.842	147.317 27.781
1/6/2016 1:45:00 PM 36018.242 1.020	531900.000 42442.496	65.399 27.429	17.075 28.861	147.317 27.764
1/6/2016 2:00:00 PM 36039.438 1.020	532800.000 42467.137	65.394 27.446	17.076 28.878	147.306 27.747

1/6/2016 2:15:00 PM 36006.523 1.020	533700.000 42428.949	65.391 27.419	17.075 28.852	147.299 27.773
1/6/2016 2:30:00 PM 35990.277 1.020	534600.000 42409.969	65.387 27.405	17.075 28.839	147.291 27.785
1/6/2016 2:45:00 PM 36041.230 1.020	535500.000 42470.523	65.386 27.449	17.074 28.880	147.289 27.746
1/6/2016 3:00:00 PM 36012.137 1.020	536400.000 42436.898	65.381 27.425	17.074 28.857	147.277 27.768
1/6/2016 3:15:00 PM 35991.141 1.020	537300.000 42412.324	65.380 27.407	17.073 28.840	147.275 27.785
1/6/2016 3:30:00 PM 36031.781 1.020	538200.000 42459.883	65.381 27.441	17.074 28.873	147.277 27.753
1/6/2016 3:45:00 PM 36026.125 1.020	539100.000 42453.383	65.370 27.437	17.074 28.868	147.253 27.758
1/6/2016 4:00:00 PM 36003.016 1.020	540000.000 42426.820	65.378 27.417	17.073 28.850	147.270 27.775
1/6/2016 4:15:00 PM 35964.988 1.020	540900.000 42381.762	65.376 27.385	17.073 28.820	147.266 27.805
1/6/2016 4:30:00 PM 35979.848 1.020	541800.000 42399.602	65.391 27.398	17.073 28.832	147.300 27.793
1/6/2016 4:45:00 PM 35962.430 1.020	542700.000 42379.074	65.382 27.383	17.073 28.818	147.279 27.807
1/6/2016 5:00:00 PM 35950.391 1.020	543600.000 42364.305	65.379 27.373	17.073 28.808	147.273 27.816
1/6/2016 5:15:00 PM 36008.078 1.020	544500.000 42433.297	65.382 27.422	17.072 28.855	147.280 27.772
1/6/2016 5:30:00 PM 35987.293 1.020	545400.000 42408.543	65.384 27.404	17.073 28.838	147.285 27.788
1/6/2016 5:45:00 PM 35973.938 1.020	546300.000 42392.805	65.383 27.393	17.073 28.827	147.281 27.798
1/6/2016 6:00:00 PM 35991.754 1.020	547200.000 42413.383	65.390 27.408	17.073 28.841	147.297 27.784
1/6/2016 6:15:00 PM 35975.215 1.020	548100.000 42394.477	65.409 27.394	17.072 28.828	147.340 27.797
1/6/2016 6:30:00 PM 36002.711 1.020	549000.000 42426.879	65.399 27.417	17.072 28.850	147.318 27.776
1/6/2016 6:45:00 PM 35979.473 1.020	549900.000 42399.422	65.420 27.398	17.072 28.832	147.366 27.794

1/6/2016 7:00:00 PM 35930.285 1.020	550800.000 42341.457	65.404 27.356	17.072 28.792	147.330 27.832
1/6/2016 7:15:00 PM 35982.359 1.020	551700.000 42402.145	65.404 27.400	17.073 28.833	147.329 27.791
1/6/2016 7:30:00 PM 36018.477 1.020	552600.000 42444.875	65.420 27.430	17.073 28.863	147.364 27.764
1/6/2016 7:45:00 PM 35969.137 1.020	553500.000 42386.563	65.416 27.389	17.073 28.823	147.357 27.802
1/6/2016 8:00:00 PM 35968.770 1.020	554400.000 42386.129	65.430 27.388	17.073 28.823	147.388 27.802
1/6/2016 8:15:00 PM 35973.621 1.020	555300.000 42392.598	65.428 27.393	17.072 28.827	147.383 27.798
1/6/2016 8:30:00 PM 35956.160 1.020	556200.000 42371.855	65.428 27.378	17.073 28.813	147.382 27.812
1/6/2016 8:45:00 PM 35955.027 1.020	557100.000 42370.023	65.436 27.377	17.073 28.812	147.402 27.813
1/6/2016 9:00:00 PM 36005.191 1.020	558000.000 42428.813	65.436 27.419	17.073 28.852	147.401 27.774
1/6/2016 9:15:00 PM 35980.734 1.020	558900.000 42399.992	65.441 27.398	17.073 28.832	147.412 27.793
1/6/2016 9:30:00 PM 36000.730 1.020	559800.000 42423.961	65.444 27.415	17.073 28.848	147.420 27.777
1/6/2016 9:45:00 PM 35991.156 1.020	560700.000 42412.438	65.446 27.407	17.073 28.840	147.423 27.785
1/6/2016 10:00:00 PM 35969.703 1.020	561600.000 42386.816	65.444 27.389	17.074 28.823	147.419 27.801
1/6/2016 10:15:00 PM 35969.773 1.020	562500.000 42387.313	65.447 27.389	17.073 28.823	147.426 27.801
1/6/2016 10:30:00 PM 36007.742 1.020	563400.000 42432.145	65.451 27.421	17.073 28.854	147.434 27.772
1/6/2016 10:45:00 PM 35997.102 1.020	564300.000 42419.348	65.454 27.412	17.073 28.845	147.440 27.780
1/6/2016 11:00:00 PM 35993.328 1.020	565200.000 42414.488	65.448 27.409	17.074 28.842	147.428 27.783
1/6/2016 11:15:00 PM 35969.105 1.020	566100.000 42386.863	65.453 27.389	17.073 28.823	147.439 27.802
1/6/2016 11:30:00 PM 35994.125 1.020	567000.000 42415.676	65.452 27.410	17.074 28.843	147.437 27.782

1/6/2016 11:45:00 PM	567900.000	65.455	17.073	147.443
35995.746	42417.680	27.411	28.844	27.781
1.020				

Report Date: 1/11/2016 11:28:54 AM
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_2016-01-07_10-40-49-534.wsl
Create Date: 1/7/2016 10:40:45 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

Log Notes:

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

9/10/2015 11:32:29 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:30:00 AM

9/17/2015 10:53:29 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:55:00 AM

9/24/2015 9:32:11 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM

10/1/2015 2:15:31 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:15:00 PM

10/8/2015 10:29:24 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:30:00 PM

10/15/2015 1:16:08 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:15:00 PM

10/22/2015 11:17:58 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:15:00 PM

10/29/2015 3:30:30 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:30:00 PM

11/5/2015 2:29:05 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 2:30:00 PM

11/12/2015 10:01:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM

11/12/2015 10:03:57 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM

11/12/2015 10:11:46 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 10:00:00 AM

11/19/2015 3:27:59 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:30:00 PM

11/29/2015 9:54:20 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:45:00 AM

12/3/2015 11:09:04 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:08:00 AM

12/10/2015 9:22:13 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 10:15:00 AM

12/17/2015 10:49:45 AM Log Download - Used Battery: 16% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:45:00 AM

1/3/2016 10:43:45 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:30:00 AM

1/7/2016 10:40:19 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:45:00 AM

Log Data:

Record Count: 675

Sensors: 1

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

Time Zone: Pacific Standard Time

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211

Actual Conductivity (μS) Resistivity (ohm-cm)	Specific Conductivity (μS) Water Density (g/cm ³)	Salinity (PSU)	Total Dissolved Solids (ppt)
12/31/2015 12:00:00 AM 29785.904 1.016	2674800.000 35090.117	18.883 22.228	17.086 23.861 42.536 33.573
12/31/2015 12:15:00 AM 29754.275 1.016	2675700.000 35053.070	18.888 22.202	17.086 23.836 42.547 33.609
12/31/2015 12:30:00 AM 29773.400 1.016	2676600.000 35077.117	18.882 22.219	17.084 23.852 42.533 33.587
12/31/2015 12:45:00 AM 29781.809 1.016	2677500.000 35087.512	18.882 22.226	17.083 23.860 42.534 33.578
12/31/2015 1:00:00 AM 29723.516 1.016	2678400.000 35019.871	18.884 22.179	17.082 23.814 42.537 33.643
12/31/2015 1:15:00 AM 29701.826 1.016	2679300.000 34994.594	18.882 22.161	17.081 23.796 42.534 33.668
12/31/2015 1:30:00 AM 29724.977 1.016	2680200.000 35022.141	18.876 22.180	17.081 23.815 42.520 33.642
12/31/2015 1:45:00 AM 29751.152 1.016	2681100.000 35052.777	18.880 22.202	17.081 23.836 42.530 33.612
12/31/2015 2:00:00 AM 29722.016 1.016	2682000.000 35020.105	18.882 22.179	17.079 23.814 42.534 33.645
12/31/2015 2:15:00 AM 29735.674 1.016	2682900.000 35045.406	18.881 22.196	17.068 23.831 42.531 33.630
12/31/2015 2:30:00 AM 29704.268 1.016	2683800.000 35012.266	18.883 22.173	17.063 23.808 42.536 33.665
12/31/2015 2:45:00 AM 29670.543 1.016	2684700.000 34972.441	18.881 22.145	17.063 23.781 42.531 33.703
12/31/2015 3:00:00 AM 29700.723 1.016	2685600.000 35007.254	18.881 22.169	17.064 23.805 42.531 33.669
12/31/2015 3:15:00 AM 29679.410 1.016	2686500.000 34980.406	18.882 22.151	17.066 23.787 42.533 33.693
12/31/2015 3:30:00 AM 29685.646 1.016	2687400.000 34986.930	18.879 22.155	17.067 23.791 42.526 33.686
12/31/2015 3:45:00 AM 29707.020 1.016	2688300.000 35011.008	18.878 22.172	17.068 23.807 42.525 33.662
12/31/2015 4:00:00 AM 29699.447	2689200.000 35001.809	18.875 22.166	17.069 23.801 42.519 33.671

1.016				
12/31/2015 4:15:00 AM	2690100.000	18.876	17.071	42.520
29710.873	35013.418	22.174	23.809	33.658
1.016				
12/31/2015 4:30:00 AM	2691000.000	18.880	17.070	42.528
29711.676	35014.910	22.175	23.810	33.657
1.016				
12/31/2015 4:45:00 AM	2691900.000	18.877	17.072	42.523
29694.740	34993.980	22.160	23.796	33.676
1.016				
12/31/2015 5:00:00 AM	2692800.000	18.871	17.072	42.509
29701.738	35001.887	22.166	23.801	33.668
1.016				
12/31/2015 5:15:00 AM	2693700.000	18.872	17.073	42.511
29713.348	35015.141	22.175	23.810	33.655
1.016				
12/31/2015 5:30:00 AM	2694600.000	18.873	17.073	42.513
29693.498	34991.344	22.159	23.794	33.677
1.016				
12/31/2015 5:45:00 AM	2695500.000	18.871	17.074	42.509
29680.936	34975.434	22.148	23.783	33.692
1.016				
12/31/2015 6:00:00 AM	2696400.000	18.874	17.074	42.514
29719.510	35021.645	22.180	23.815	33.648
1.016				
12/31/2015 6:15:00 AM	2697300.000	18.871	17.074	42.510
29688.359	34984.180	22.154	23.789	33.683
1.016				
12/31/2015 6:30:00 AM	2698200.000	18.871	17.074	42.510
29677.844	34972.066	22.145	23.781	33.695
1.016				
12/31/2015 6:45:00 AM	2699100.000	18.870	17.075	42.506
29700.162	34997.543	22.163	23.798	33.670
1.016				
12/31/2015 7:00:00 AM	2700000.000	18.869	17.075	42.504
29690.381	34985.938	22.155	23.790	33.681
1.016				
12/31/2015 7:15:00 AM	2700900.000	18.870	17.075	42.505
29679.063	34972.535	22.146	23.781	33.694
1.016				
12/31/2015 7:30:00 AM	2701800.000	18.872	17.074	42.512
29687.742	34983.590	22.153	23.789	33.684
1.016				
12/31/2015 7:45:00 AM	2702700.000	18.871	17.074	42.510
29718.377	35019.906	22.179	23.814	33.649
1.016				
12/31/2015 8:00:00 AM	2703600.000	18.867	17.076	42.501
29706.541	35004.012	22.168	23.803	33.663
1.016				
12/31/2015 8:15:00 AM	2704500.000	18.870	17.074	42.506
29710.633	35010.637	22.172	23.807	33.658
1.016				
12/31/2015 8:30:00 AM	2705400.000	18.867	17.075	42.500
29702.918	35001.125	22.166	23.801	33.667
1.016				

12/31/2015 8:45:00 AM	2706300.000	18.868	17.076	42.502
29705.279	35002.809	22.167	23.802	33.664
1.016				
12/31/2015 9:00:00 AM	2707200.000	18.871	17.075	42.508
29683.469	34977.656	22.149	23.785	33.689
1.016				
12/31/2015 9:15:00 AM	2708100.000	18.868	17.076	42.503
29684.275	34977.777	22.149	23.785	33.688
1.016				
12/31/2015 9:30:00 AM	2709000.000	18.865	17.075	42.496
29708.793	35007.496	22.170	23.805	33.660
1.016				
12/31/2015 9:45:00 AM	2709900.000	18.870	17.076	42.505
29734.395	35036.980	22.191	23.825	33.631
1.016				
12/31/2015 10:00:00 AM	0.000	18.865	17.077	42.496
29703.275	34999.887	22.165	23.800	33.666
1.016				
12/31/2015 10:15:00 AM	900.000	18.863	17.078	42.492
29718.607	35017.125	22.177	23.812	33.649
1.016				
12/31/2015 10:30:00 AM	1800.000	18.868	17.076	42.502
29730.658	35033.055	22.188	23.822	33.635
1.016				
12/31/2015 10:45:00 AM	2700.000	18.867	17.078	42.499
29719.082	35017.762	22.177	23.812	33.648
1.016				
12/31/2015 11:00:00 AM	3600.000	18.869	17.077	42.505
29704.592	35001.648	22.166	23.801	33.665
1.016				
12/31/2015 11:15:00 AM	4500.000	18.866	17.077	42.498
29710.621	35008.203	22.171	23.806	33.658
1.016				
12/31/2015 11:30:00 AM	5400.000	18.865	17.077	42.496
29700.424	34996.188	22.162	23.797	33.670
1.016				
12/31/2015 11:45:00 AM	6300.000	18.865	17.079	42.496
29680.830	34971.848	22.145	23.781	33.692
1.016				
12/31/2015 12:00:00 PM	7200.000	18.867	17.075	42.499
29723.678	35025.172	22.182	23.817	33.643
1.016				
12/31/2015 12:15:00 PM	8100.000	18.865	17.078	42.495
29711.092	35008.547	22.171	23.806	33.657
1.016				
12/31/2015 12:30:00 PM	9000.000	18.865	17.076	42.496
29738.971	35042.297	22.194	23.829	33.626
1.016				
12/31/2015 12:45:00 PM	9900.000	18.863	17.078	42.491
29726.297	35025.777	22.183	23.818	33.640
1.016				
12/31/2015 1:00:00 PM	10800.000	18.866	17.076	42.497
29727.816	35029.082	22.185	23.820	33.639
1.016				
12/31/2015 1:15:00 PM	11700.000	18.861	17.077	42.487

29699.646	34995.613	22.162	23.797	33.670
1.016				
12/31/2015 1:30:00 PM	12600.000	18.862	17.078	42.489
29699.191	34994.324	22.161	23.796	33.671
1.016				
12/31/2015 1:45:00 PM	13500.000	18.863	17.079	42.490
29730.295	35030.070	22.186	23.820	33.636
1.016				
12/31/2015 2:00:00 PM	14400.000	18.863	17.076	42.490
29712.094	35010.629	22.172	23.807	33.656
1.016				
12/31/2015 2:15:00 PM	15300.000	18.863	17.079	42.490
29726.939	35026.254	22.183	23.818	33.640
1.016				
12/31/2015 2:30:00 PM	16200.000	18.862	17.076	42.488
29726.842	35028.137	22.184	23.819	33.640
1.016				
12/31/2015 2:45:00 PM	17100.000	18.859	17.077	42.481
29733.891	35035.836	22.190	23.824	33.632
1.016				
12/31/2015 3:00:00 PM	18000.000	18.859	17.079	42.483
29740.533	35042.273	22.194	23.829	33.624
1.016				
12/31/2015 3:15:00 PM	18900.000	18.861	17.077	42.487
29706.912	35003.691	22.167	23.803	33.662
1.016				
12/31/2015 3:30:00 PM	19800.000	18.860	17.079	42.484
29717.049	35014.465	22.175	23.810	33.651
1.016				
12/31/2015 3:45:00 PM	20700.000	18.859	17.079	42.481
29724.033	35022.895	22.181	23.816	33.643
1.016				
12/31/2015 4:00:00 PM	21600.000	18.861	17.078	42.487
29734.662	35036.320	22.190	23.825	33.631
1.016				
12/31/2015 4:15:00 PM	22500.000	18.861	17.079	42.487
29718.105	35015.984	22.176	23.811	33.650
1.016				
12/31/2015 4:30:00 PM	23400.000	18.860	17.080	42.484
29711.094	35006.961	22.170	23.805	33.657
1.016				
12/31/2015 4:45:00 PM	24300.000	18.858	17.078	42.480
29744.484	35047.340	22.198	23.832	33.620
1.016				
12/31/2015 5:00:00 PM	25200.000	18.861	17.077	42.487
29734.635	35036.840	22.191	23.825	33.631
1.016				
12/31/2015 5:15:00 PM	26100.000	18.863	17.076	42.490
29722.289	35022.641	22.181	23.815	33.645
1.016				
12/31/2015 5:30:00 PM	27000.000	18.861	17.077	42.487
29733.615	35035.777	22.190	23.824	33.632
1.016				
12/31/2015 5:45:00 PM	27900.000	18.861	17.078	42.487
29730.051	35030.813	22.186	23.821	33.636

1.016				
12/31/2015 6:00:00 PM	28800.000	18.862	17.077	42.488
29743.061	35046.641	22.197	23.832	33.621
1.016				
12/31/2015 6:15:00 PM	29700.000	18.861	17.077	42.487
29749.563	35053.949	22.203	23.837	33.614
1.016				
12/31/2015 6:30:00 PM	30600.000	18.859	17.078	42.482
29714.857	35012.648	22.174	23.809	33.653
1.016				
12/31/2015 6:45:00 PM	31500.000	18.860	17.078	42.484
29739.305	35041.453	22.194	23.828	33.626
1.016				
12/31/2015 7:00:00 PM	32400.000	18.854	17.078	42.469
29734.203	35035.363	22.190	23.824	33.631
1.016				
12/31/2015 7:15:00 PM	33300.000	18.861	17.077	42.487
29710.855	35008.613	22.171	23.806	33.658
1.016				
12/31/2015 7:30:00 PM	34200.000	18.857	17.075	42.476
29738.211	35042.656	22.195	23.829	33.627
1.016				
12/31/2015 7:45:00 PM	35100.000	18.859	17.077	42.481
29715.414	35013.988	22.175	23.810	33.653
1.016				
12/31/2015 8:00:00 PM	36000.000	18.858	17.076	42.480
29718.438	35018.590	22.178	23.813	33.649
1.016				
12/31/2015 8:15:00 PM	36900.000	18.857	17.075	42.478
29760.070	35068.055	22.212	23.846	33.602
1.016				
12/31/2015 8:30:00 PM	37800.000	18.858	17.076	42.479
29716.162	35015.633	22.176	23.811	33.652
1.016				
12/31/2015 8:45:00 PM	38700.000	18.857	17.078	42.478
29749.939	35054.320	22.203	23.837	33.614
1.016				
12/31/2015 9:00:00 PM	39600.000	18.852	17.077	42.466
29722.100	35022.004	22.180	23.815	33.645
1.016				
12/31/2015 9:15:00 PM	40500.000	18.856	17.076	42.475
29721.455	35022.008	22.180	23.815	33.646
1.016				
12/31/2015 9:30:00 PM	41400.000	18.855	17.076	42.474
29707.139	35005.066	22.168	23.803	33.662
1.016				
12/31/2015 9:45:00 PM	42300.000	18.855	17.077	42.474
29729.285	35030.266	22.186	23.821	33.637
1.016				
12/31/2015 10:00:00 PM	43200.000	18.855	17.078	42.472
29742.039	35044.938	22.196	23.831	33.622
1.016				
12/31/2015 10:15:00 PM	44100.000	18.857	17.080	42.478
29735.121	35035.199	22.190	23.824	33.630
1.016				

12/31/2015 10:30:00 PM	45000.000	18.857	17.080	42.478
29752.088	35055.191	22.203	23.838	33.611
1.016				
12/31/2015 10:45:00 PM	45900.000	18.856	17.080	42.474
29726.713	35024.680	22.182	23.817	33.640
1.016				
12/31/2015 11:00:00 PM	46800.000	18.856	17.081	42.475
29762.787	35067.105	22.212	23.846	33.599
1.016				
12/31/2015 11:15:00 PM	47700.000	18.858	17.082	42.479
29732.293	35030.211	22.186	23.821	33.633
1.016				
12/31/2015 11:30:00 PM	48600.000	18.856	17.083	42.475
29753.010	35053.996	22.203	23.837	33.610
1.016				
12/31/2015 11:45:00 PM	49500.000	18.853	17.083	42.467
29740.236	35038.262	22.192	23.826	33.624
1.016				
1/1/2016 12:00:00 AM	50400.000	18.852	17.084	42.466
29721.744	35015.848	22.176	23.811	33.645
1.016				
1/1/2016 12:15:00 AM	51300.000	18.855	17.084	42.474
29750.000	35049.547	22.200	23.834	33.613
1.016				
1/1/2016 12:30:00 AM	52200.000	18.858	17.081	42.479
29732.633	35031.160	22.187	23.821	33.633
1.016				
1/1/2016 12:45:00 AM	53100.000	18.853	17.082	42.467
29743.438	35043.402	22.195	23.830	33.621
1.016				
1/1/2016 1:00:00 AM	54000.000	18.853	17.080	42.467
29735.131	35035.078	22.189	23.824	33.630
1.016				
1/1/2016 1:15:00 AM	54900.000	18.852	17.079	42.466
29729.020	35028.570	22.185	23.819	33.637
1.016				
1/1/2016 1:30:00 AM	55800.000	18.854	17.077	42.471
29726.143	35026.352	22.183	23.818	33.640
1.016				
1/1/2016 1:45:00 AM	56700.000	18.853	17.077	42.469
29734.955	35036.945	22.191	23.825	33.630
1.016				
1/1/2016 2:00:00 AM	57600.000	18.854	17.074	42.471
29723.750	35026.094	22.183	23.818	33.643
1.016				
1/1/2016 2:15:00 AM	58500.000	18.852	17.069	42.465
29710.941	35015.355	22.175	23.810	33.658
1.016				
1/1/2016 2:30:00 AM	59400.000	18.853	17.063	42.467
29681.143	34985.070	22.154	23.790	33.691
1.016				
1/1/2016 2:45:00 AM	60300.000	18.854	17.063	42.471
29701.656	35009.113	22.171	23.806	33.668
1.016				
1/1/2016 3:00:00 AM	61200.000	18.851	17.064	42.463

29685.322	34988.820	22.157	23.792	33.687
1.016				
1/1/2016 3:15:00 AM	62100.000	18.849	17.064	42.459
29694.162	34999.316	22.164	23.800	33.677
1.016				
1/1/2016 3:30:00 AM	63000.000	18.853	17.065	42.467
29682.156	34984.055	22.153	23.789	33.690
1.016				
1/1/2016 3:45:00 AM	63900.000	18.852	17.067	42.466
29698.268	35001.945	22.166	23.801	33.672
1.016				
1/1/2016 4:00:00 AM	64800.000	18.851	17.066	42.463
29696.676	35000.957	22.165	23.801	33.674
1.016				
1/1/2016 4:15:00 AM	65700.000	18.850	17.067	42.461
29707.020	35012.262	22.173	23.808	33.662
1.016				
1/1/2016 4:30:00 AM	66600.000	18.848	17.069	42.457
29704.332	35007.215	22.170	23.805	33.665
1.016				
1/1/2016 4:45:00 AM	67500.000	18.850	17.068	42.461
29696.135	34998.180	22.163	23.799	33.674
1.016				
1/1/2016 5:00:00 AM	68400.000	18.851	17.071	42.463
29694.994	34994.703	22.161	23.796	33.676
1.016				
1/1/2016 5:15:00 AM	69300.000	18.847	17.071	42.455
29688.842	34987.375	22.156	23.791	33.683
1.016				
1/1/2016 5:30:00 AM	70200.000	18.851	17.071	42.464
29685.674	34984.055	22.154	23.789	33.686
1.016				
1/1/2016 5:45:00 AM	71100.000	18.849	17.071	42.460
29725.953	35031.523	22.187	23.821	33.641
1.016				
1/1/2016 6:00:00 AM	72000.000	18.850	17.070	42.461
29704.996	35007.098	22.170	23.805	33.664
1.016				
1/1/2016 6:15:00 AM	72900.000	18.848	17.071	42.457
29686.936	34985.129	22.154	23.790	33.685
1.016				
1/1/2016 6:30:00 AM	73800.000	18.848	17.073	42.457
29694.064	34992.285	22.159	23.795	33.677
1.016				
1/1/2016 6:45:00 AM	74700.000	18.845	17.073	42.449
29714.588	35016.129	22.176	23.811	33.654
1.016				
1/1/2016 7:00:00 AM	75600.000	18.844	17.074	42.448
29711.660	35012.191	22.173	23.808	33.657
1.016				
1/1/2016 7:15:00 AM	76500.000	18.850	17.073	42.462
29688.566	34985.738	22.155	23.790	33.683
1.016				
1/1/2016 7:30:00 AM	77400.000	18.848	17.073	42.457
29707.578	35007.934	22.170	23.805	33.661

1.016				
1/1/2016 7:45:00 AM	78300.000	18.849	17.073	42.459
29689.229	34986.449	22.155	23.791	33.682
1.016				
1/1/2016 8:00:00 AM	79200.000	18.849	17.072	42.460
29685.270	34982.262	22.152	23.788	33.687
1.016				
1/1/2016 8:15:00 AM	80100.000	18.846	17.072	42.453
29687.150	34984.895	22.154	23.790	33.685
1.016				
1/1/2016 8:30:00 AM	81000.000	18.847	17.074	42.455
29705.518	35004.676	22.168	23.803	33.664
1.016				
1/1/2016 8:45:00 AM	81900.000	18.845	17.073	42.450
29696.498	34995.016	22.161	23.797	33.674
1.016				
1/1/2016 9:00:00 AM	82800.000	18.847	17.075	42.455
29717.832	35018.426	22.178	23.813	33.650
1.016				
1/1/2016 9:15:00 AM	83700.000	18.844	17.074	42.448
29720.270	35022.137	22.180	23.815	33.647
1.016				
1/1/2016 9:30:00 AM	84600.000	18.848	17.074	42.457
29690.051	34986.383	22.155	23.791	33.681
1.016				
1/1/2016 9:45:00 AM	85500.000	18.844	17.073	42.447
29711.336	35012.082	22.173	23.808	33.657
1.016				
1/1/2016 10:00:00 AM	86400.000	18.847	17.072	42.455
29697.352	34996.363	22.162	23.798	33.673
1.016				
1/1/2016 10:15:00 AM	87300.000	18.847	17.074	42.455
29704.340	35003.492	22.167	23.802	33.665
1.016				
1/1/2016 10:30:00 AM	88200.000	18.845	17.074	42.451
29710.555	35010.473	22.172	23.807	33.658
1.016				
1/1/2016 10:45:00 AM	89100.000	18.845	17.075	42.449
29695.813	34992.895	22.160	23.795	33.675
1.016				
1/1/2016 11:00:00 AM	90000.000	18.845	17.075	42.450
29698.768	34995.684	22.162	23.797	33.671
1.016				
1/1/2016 11:15:00 AM	90900.000	18.846	17.075	42.452
29741.117	35045.723	22.197	23.831	33.623
1.016				
1/1/2016 11:30:00 AM	91800.000	18.843	17.074	42.446
29718.395	35019.930	22.179	23.814	33.649
1.016				
1/1/2016 11:45:00 AM	92700.000	18.842	17.076	42.443
29724.881	35026.320	22.183	23.818	33.642
1.016				
1/1/2016 12:00:00 PM	93600.000	18.843	17.075	42.446
29712.791	35012.758	22.174	23.809	33.656
1.016				

1/1/2016 12:15:00 PM 29703.178 1.016	94500.000 35001.918	18.843 22.166	17.074 23.801	42.446 33.666
1/1/2016 12:30:00 PM 29709.551 1.016	95400.000 35007.766	18.841 22.170	17.076 23.805	42.441 33.659
1/1/2016 12:45:00 PM 29723.992 1.016	96300.000 35026.863	18.844 22.183	17.074 23.818	42.447 33.643
1/1/2016 1:00:00 PM 29723.031 1.016	97200.000 35024.895	18.844 22.182	17.075 23.817	42.447 33.644
1/1/2016 1:15:00 PM 29699.143 1.016	98100.000 34997.098	18.844 22.163	17.074 23.798	42.447 33.671
1/1/2016 1:30:00 PM 29690.023 1.016	99000.000 34985.453	18.844 22.155	17.075 23.790	42.448 33.681
1/1/2016 1:45:00 PM 29706.658 1.016	99900.000 35006.566	18.839 22.169	17.073 23.804	42.437 33.662
1/1/2016 2:00:00 PM 29735.311 1.016	100800.000 35038.609	18.841 22.192	17.076 23.826	42.442 33.630
1/1/2016 2:15:00 PM 29694.342 1.016	101700.000 34990.746	18.843 22.158	17.075 23.794	42.446 33.676
1/1/2016 2:30:00 PM 29741.246 1.016	102600.000 35046.777	18.843 22.197	17.074 23.832	42.446 33.623
1/1/2016 2:45:00 PM 29714.498 1.016	103500.000 35013.594	18.844 22.174	17.076 23.809	42.448 33.654
1/1/2016 3:00:00 PM 29739.279 1.016	104400.000 35043.418	18.836 22.195	17.075 23.830	42.429 33.626
1/1/2016 3:15:00 PM 29720.541 1.016	105300.000 35020.508	18.841 22.179	17.076 23.814	42.442 33.647
1/1/2016 3:30:00 PM 29719.396 1.016	106200.000 35020.754	18.839 22.179	17.074 23.814	42.437 33.648
1/1/2016 3:45:00 PM 29703.414 1.016	107100.000 35002.195	18.839 22.166	17.074 23.801	42.437 33.666
1/1/2016 4:00:00 PM 29738.189 1.016	108000.000 35042.207	18.835 22.194	17.075 23.829	42.428 33.627
1/1/2016 4:15:00 PM 29718.141 1.016	108900.000 35017.828	18.836 22.177	17.076 23.812	42.430 33.649
1/1/2016 4:30:00 PM 29748.297 1.016	109800.000 35055.164	18.837 22.203	17.074 23.838	42.432 33.615
1/1/2016 4:45:00 PM	110700.000	18.839	17.074	42.437

29704.668	35003.879	22.167	23.803	33.665
1.016				
1/1/2016 5:00:00 PM	111600.000	18.837	17.074	42.433
29719.408	35021.184	22.180	23.814	33.648
1.016				
1/1/2016 5:15:00 PM	112500.000	18.833	17.074	42.424
29734.258	35038.406	22.192	23.826	33.631
1.016				
1/1/2016 5:30:00 PM	113400.000	18.842	17.072	42.443
29725.541	35029.938	22.186	23.820	33.641
1.016				
1/1/2016 5:45:00 PM	114300.000	18.838	17.074	42.434
29730.865	35034.961	22.189	23.824	33.635
1.016				
1/1/2016 6:00:00 PM	115200.000	18.835	17.073	42.428
29732.484	35037.141	22.191	23.825	33.633
1.016				
1/1/2016 6:15:00 PM	116100.000	18.838	17.073	42.435
29706.039	35006.055	22.169	23.804	33.663
1.016				
1/1/2016 6:30:00 PM	117000.000	18.835	17.075	42.428
29719.152	35019.918	22.179	23.814	33.648
1.016				
1/1/2016 6:45:00 PM	117900.000	18.839	17.074	42.437
29731.883	35035.883	22.190	23.824	33.634
1.016				
1/1/2016 7:00:00 PM	118800.000	18.832	17.072	42.421
29708.215	35009.859	22.172	23.807	33.661
1.016				
1/1/2016 7:15:00 PM	119700.000	18.839	17.073	42.437
29715.316	35017.191	22.177	23.812	33.653
1.016				
1/1/2016 7:30:00 PM	120600.000	18.842	17.075	42.445
29709.441	35008.477	22.171	23.806	33.659
1.016				
1/1/2016 7:45:00 PM	121500.000	18.836	17.073	42.431
29710.910	35011.656	22.173	23.808	33.658
1.016				
1/1/2016 8:00:00 PM	122400.000	18.835	17.075	42.428
29723.877	35025.965	22.183	23.818	33.643
1.016				
1/1/2016 8:15:00 PM	123300.000	18.836	17.073	42.431
29737.125	35042.891	22.195	23.829	33.628
1.016				
1/1/2016 8:30:00 PM	124200.000	18.836	17.072	42.430
29725.740	35030.238	22.186	23.821	33.641
1.016				
1/1/2016 8:45:00 PM	125100.000	18.839	17.075	42.437
29745.457	35051.055	22.200	23.835	33.619
1.016				
1/1/2016 9:00:00 PM	126000.000	18.836	17.075	42.429
29729.215	35032.254	22.187	23.822	33.637
1.016				
1/1/2016 9:15:00 PM	126900.000	18.841	17.075	42.440
29733.117	35036.652	22.190	23.825	33.633

1.016				
1/1/2016 9:30:00 PM	127800.000	18.835	17.074	42.428
29706.844	35005.965	22.169	23.804	33.662
1.016				
1/1/2016 9:45:00 PM	128700.000	18.833	17.073	42.424
29739.293	35045.582	22.197	23.831	33.626
1.016				
1/1/2016 10:00:00 PM	129600.000	18.830	17.076	42.417
29688.006	34982.730	22.153	23.788	33.684
1.016				
1/1/2016 10:15:00 PM	130500.000	18.833	17.074	42.423
29736.248	35041.371	22.194	23.828	33.629
1.016				
1/1/2016 10:30:00 PM	131400.000	18.834	17.073	42.427
29772.820	35085.027	22.224	23.858	33.588
1.016				
1/1/2016 10:45:00 PM	132300.000	18.834	17.073	42.425
29713.842	35015.113	22.175	23.810	33.654
1.016				
1/1/2016 11:00:00 PM	133200.000	18.831	17.073	42.419
29734.402	35039.617	22.192	23.827	33.631
1.016				
1/1/2016 11:15:00 PM	134100.000	18.830	17.074	42.418
29718.463	35020.348	22.179	23.814	33.649
1.016				
1/1/2016 11:30:00 PM	135000.000	18.830	17.074	42.416
29749.867	35057.141	22.205	23.839	33.614
1.016				
1/1/2016 11:45:00 PM	135900.000	18.833	17.076	42.423
29743.129	35047.883	22.198	23.833	33.621
1.016				
1/2/2016 12:00:00 AM	136800.000	18.834	17.076	42.426
29723.287	35023.891	22.182	23.816	33.644
1.016				
1/2/2016 12:15:00 AM	137700.000	18.834	17.077	42.427
29730.551	35031.824	22.187	23.822	33.635
1.016				
1/2/2016 12:30:00 AM	138600.000	18.833	17.078	42.423
29709.490	35006.520	22.169	23.804	33.659
1.016				
1/2/2016 12:45:00 AM	139500.000	18.829	17.079	42.414
29754.016	35058.219	22.206	23.840	33.609
1.016				
1/2/2016 1:00:00 AM	140400.000	18.832	17.079	42.422
29747.221	35049.664	22.200	23.834	33.617
1.016				
1/2/2016 1:15:00 AM	141300.000	18.830	17.081	42.417
29711.068	35006.031	22.169	23.804	33.657
1.016				
1/2/2016 1:30:00 AM	142200.000	18.831	17.081	42.418
29738.910	35038.766	22.192	23.826	33.626
1.016				
1/2/2016 1:45:00 AM	143100.000	18.832	17.082	42.421
29720.428	35016.230	22.176	23.811	33.647
1.016				

1/2/2016 2:00:00 AM 29729.734 1.016	144000.000 35027.121	18.831 22.184	17.082 23.818	42.419 33.636
1/2/2016 2:15:00 AM 29736.188 1.016	144900.000 35033.695	18.826 22.189	17.083 23.823	42.408 33.629
1/2/2016 2:30:00 AM 29746.680 1.016	145800.000 35045.773	18.829 22.197	17.084 23.831	42.415 33.617
1/2/2016 2:45:00 AM 29734.441 1.016	146700.000 35031.844	18.830 22.187	17.083 23.822	42.416 33.631
1/2/2016 3:00:00 AM 29744.271 1.016	147600.000 35045.082	18.831 22.196	17.081 23.831	42.419 33.620
1/2/2016 3:15:00 AM 29721.016 1.016	148500.000 35020.863	18.832 22.179	17.077 23.814	42.421 33.646
1/2/2016 3:30:00 AM 29711.469 1.016	149400.000 35011.340	18.830 22.173	17.075 23.808	42.416 33.657
1/2/2016 3:45:00 AM 29764.186 1.016	150300.000 35080.527	18.829 22.221	17.066 23.855	42.415 33.597
1/2/2016 4:00:00 AM 29732.213 1.016	151200.000 35043.879	18.831 22.195	17.064 23.830	42.419 33.634
1/2/2016 4:15:00 AM 29743.930 1.016	152100.000 35058.039	18.834 22.205	17.064 23.839	42.425 33.620
1/2/2016 4:30:00 AM 29735.758 1.016	153000.000 35047.301	18.832 22.197	17.065 23.832	42.420 33.630
1/2/2016 4:45:00 AM 29690.770 1.016	153900.000 34992.133	18.829 22.159	17.068 23.795	42.415 33.681
1/2/2016 5:00:00 AM 29738.994 1.016	154800.000 35049.734	18.829 22.199	17.067 23.834	42.415 33.626
1/2/2016 5:15:00 AM 29693.740 1.016	155700.000 34995.707	18.831 22.162	17.068 23.797	42.418 33.677
1/2/2016 5:30:00 AM 29709.359 1.016	156600.000 35013.563	18.828 22.174	17.069 23.809	42.412 33.659
1/2/2016 5:45:00 AM 29708.475 1.016	157500.000 35012.242	18.826 22.173	17.069 23.808	42.408 33.660
1/2/2016 6:00:00 AM 29741.688 1.016	158400.000 35052.145	18.828 22.201	17.068 23.835	42.411 33.623
1/2/2016 6:15:00 AM 29725.113 1.016	159300.000 35030.332	18.828 22.186	17.071 23.821	42.413 33.642
1/2/2016 6:30:00 AM	160200.000	18.825	17.071	42.405

29731.232	35037.266	22.191	23.825	33.635
1.016				
1/2/2016 6:45:00 AM	161100.000	18.829	17.070	42.415
29713.928	35017.703	22.177	23.812	33.654
1.016				
1/2/2016 7:00:00 AM	162000.000	18.832	17.070	42.420
29729.217	35035.785	22.190	23.824	33.637
1.016				
1/2/2016 7:15:00 AM	162900.000	18.828	17.072	42.412
29740.154	35047.496	22.198	23.832	33.625
1.016				
1/2/2016 7:30:00 AM	163800.000	18.828	17.071	42.411
29738.717	35046.012	22.197	23.831	33.626
1.016				
1/2/2016 7:45:00 AM	164700.000	18.827	17.072	42.409
29727.396	35032.324	22.187	23.822	33.639
1.016				
1/2/2016 8:00:00 AM	165600.000	18.826	17.072	42.408
29733.707	35039.625	22.192	23.827	33.632
1.016				
1/2/2016 8:15:00 AM	166500.000	18.826	17.072	42.408
29721.801	35025.867	22.183	23.818	33.645
1.016				
1/2/2016 8:30:00 AM	167400.000	18.830	17.071	42.418
29738.566	35045.699	22.197	23.831	33.626
1.016				
1/2/2016 8:45:00 AM	168300.000	18.828	17.073	42.413
29737.643	35043.641	22.195	23.830	33.627
1.016				
1/2/2016 9:00:00 AM	169200.000	18.826	17.075	42.408
29737.654	35042.059	22.194	23.829	33.627
1.016				
1/2/2016 9:15:00 AM	170100.000	18.830	17.073	42.417
29718.521	35020.969	22.179	23.814	33.649
1.016				
1/2/2016 9:30:00 AM	171000.000	18.825	17.074	42.405
29699.291	34997.129	22.163	23.798	33.671
1.016				
1/2/2016 9:45:00 AM	171900.000	18.830	17.075	42.416
29744.951	35050.797	22.200	23.835	33.619
1.016				
1/2/2016 10:00:00 AM	172800.000	18.826	17.075	42.408
29756.768	35064.582	22.210	23.844	33.606
1.016				
1/2/2016 10:15:00 AM	173700.000	18.829	17.075	42.414
29732.100	35035.031	22.189	23.824	33.634
1.016				
1/2/2016 10:30:00 AM	174600.000	18.826	17.074	42.408
29725.367	35028.000	22.184	23.819	33.641
1.016				
1/2/2016 10:45:00 AM	175500.000	18.827	17.076	42.409
29737.865	35041.344	22.194	23.828	33.627
1.016				
1/2/2016 11:00:00 AM	176400.000	18.827	17.075	42.409
29700.867	34998.711	22.164	23.799	33.669

1.016				
1/2/2016 11:15:00 AM	177300.000	18.831	17.075	42.419
29735.883	35039.770	22.193	23.827	33.629
1.016				
1/2/2016 11:30:00 AM	178200.000	18.829	17.075	42.415
29725.719	35027.656	22.184	23.819	33.641
1.016				
1/2/2016 11:45:00 AM	179100.000	18.829	17.075	42.415
29730.148	35032.938	22.188	23.822	33.636
1.016				
1/2/2016 12:00:00 PM	180000.000	18.833	17.077	42.424
29721.156	35020.957	22.179	23.814	33.646
1.016				
1/2/2016 12:15:00 PM	180900.000	18.831	17.076	42.419
29728.244	35030.008	22.186	23.820	33.638
1.016				
1/2/2016 12:30:00 PM	181800.000	18.831	17.076	42.419
29749.354	35055.219	22.203	23.838	33.614
1.016				
1/2/2016 12:45:00 PM	182700.000	18.832	17.075	42.422
29725.326	35027.332	22.184	23.819	33.641
1.016				
1/2/2016 1:00:00 PM	183600.000	18.834	17.075	42.425
29716.090	35016.309	22.176	23.811	33.652
1.016				
1/2/2016 1:15:00 PM	184500.000	18.834	17.076	42.426
29737.400	35040.934	22.193	23.828	33.628
1.016				
1/2/2016 1:30:00 PM	185400.000	18.833	17.076	42.424
29758.104	35065.191	22.210	23.844	33.604
1.016				
1/2/2016 1:45:00 PM	186300.000	18.835	17.076	42.428
29738.477	35041.926	22.194	23.829	33.626
1.016				
1/2/2016 2:00:00 PM	187200.000	18.834	17.076	42.425
29757.908	35065.168	22.210	23.844	33.605
1.016				
1/2/2016 2:15:00 PM	188100.000	18.836	17.076	42.430
29742.238	35046.078	22.197	23.831	33.622
1.016				
1/2/2016 2:30:00 PM	189000.000	18.836	17.075	42.429
29751.945	35058.418	22.206	23.840	33.611
1.016				
1/2/2016 2:45:00 PM	189900.000	18.838	17.074	42.434
29759.244	35068.066	22.212	23.846	33.603
1.016				
1/2/2016 3:00:00 PM	190800.000	18.840	17.075	42.438
29770.066	35080.391	22.221	23.855	33.591
1.016				
1/2/2016 3:15:00 PM	191700.000	18.834	17.074	42.425
29760.939	35070.125	22.214	23.848	33.601
1.016				
1/2/2016 3:30:00 PM	192600.000	18.838	17.075	42.434
29742.023	35047.273	22.198	23.832	33.622
1.016				

1/2/2016 3:45:00 PM 29762.061 1.016	193500.000 35070.262	18.837 22.214	17.075 23.848	42.433 33.600
1/2/2016 4:00:00 PM 29719.869 1.016	194400.000 35019.516	18.842 22.178	17.077 23.813	42.445 33.648
1/2/2016 4:15:00 PM 29745.297 1.016	195300.000 35050.863	18.837 22.200	17.075 23.835	42.433 33.619
1/2/2016 4:30:00 PM 29764.637 1.016	196200.000 35074.418	18.839 22.217	17.074 23.851	42.436 33.597
1/2/2016 4:45:00 PM 29768.762 1.016	197100.000 35079.063	18.842 22.220	17.074 23.854	42.444 33.592
1/2/2016 5:00:00 PM 29778.428 1.016	198000.000 35090.383	18.841 22.228	17.074 23.861	42.440 33.581
1/2/2016 5:15:00 PM 29775.686 1.016	198900.000 35087.223	18.842 22.226	17.074 23.859	42.445 33.584
1/2/2016 5:30:00 PM 29765.262 1.016	199800.000 35073.555	18.836 22.216	17.076 23.850	42.431 33.596
1/2/2016 5:45:00 PM 29761.160 1.016	200700.000 35069.480	18.841 22.213	17.075 23.847	42.441 33.601
1/2/2016 6:00:00 PM 29751.492 1.016	201600.000 35058.992	18.842 22.206	17.074 23.840	42.444 33.612
1/2/2016 6:15:00 PM 29751.971 1.016	202500.000 35058.996	18.843 22.206	17.075 23.840	42.446 33.611
1/2/2016 6:30:00 PM 29762.990 1.016	203400.000 35070.676	18.842 22.214	17.076 23.848	42.445 33.599
1/2/2016 6:45:00 PM 29801.553 1.016	204300.000 35115.348	18.842 22.245	17.077 23.878	42.444 33.555
1/2/2016 7:00:00 PM 29776.771 1.016	205200.000 35086.426	18.846 22.225	17.077 23.859	42.452 33.583
1/2/2016 7:15:00 PM 29782.410 1.016	206100.000 35094.379	18.845 22.231	17.075 23.864	42.450 33.577
1/2/2016 7:30:00 PM 29788.330 1.016	207000.000 35100.109	18.843 22.235	17.077 23.868	42.446 33.570
1/2/2016 7:45:00 PM 29775.463 1.016	207900.000 35086.336	18.845 22.225	17.075 23.859	42.449 33.585
1/2/2016 8:00:00 PM 29784.184 1.016	208800.000 35096.887	18.844 22.232	17.075 23.866	42.447 33.575
1/2/2016 8:15:00 PM	209700.000	18.845	17.074	42.450

29752.896	35060.297	22.207	23.841	33.610
1.016				
1/2/2016 8:30:00 PM	210600.000	18.843	17.076	42.446
29776.053	35085.992	22.225	23.858	33.584
1.016				
1/2/2016 8:45:00 PM	211500.000	18.843	17.076	42.446
29776.871	35087.445	22.226	23.859	33.583
1.016				
1/2/2016 9:00:00 PM	212400.000	18.841	17.076	42.442
29760.729	35068.148	22.212	23.846	33.601
1.016				
1/2/2016 9:15:00 PM	213300.000	18.841	17.076	42.441
29764.297	35072.215	22.215	23.849	33.597
1.016				
1/2/2016 9:30:00 PM	214200.000	18.844	17.076	42.447
29781.648	35092.516	22.229	23.863	33.578
1.016				
1/2/2016 9:45:00 PM	215100.000	18.845	17.077	42.451
29770.943	35079.418	22.220	23.854	33.590
1.016				
1/2/2016 10:00:00 PM	216000.000	18.843	17.076	42.446
29766.449	35074.750	22.217	23.851	33.595
1.016				
1/2/2016 10:15:00 PM	216900.000	18.842	17.076	42.445
29750.400	35055.977	22.204	23.838	33.613
1.016				
1/2/2016 10:30:00 PM	217800.000	18.849	17.076	42.459
29756.154	35063.172	22.209	23.843	33.606
1.016				
1/2/2016 10:45:00 PM	218700.000	18.846	17.075	42.452
29765.576	35074.480	22.217	23.851	33.596
1.016				
1/2/2016 11:00:00 PM	219600.000	18.845	17.076	42.450
29772.563	35082.367	22.222	23.856	33.588
1.016				
1/2/2016 11:15:00 PM	220500.000	18.845	17.078	42.451
29769.250	35076.934	22.219	23.852	33.592
1.016				
1/2/2016 11:30:00 PM	221400.000	18.844	17.077	42.447
29792.014	35104.246	22.238	23.871	33.566
1.016				
1/2/2016 11:45:00 PM	222300.000	18.842	17.075	42.444
29749.410	35055.430	22.203	23.838	33.614
1.016				
1/3/2016 12:00:00 AM	223200.000	18.844	17.076	42.448
29778.545	35089.207	22.227	23.861	33.581
1.016				
1/3/2016 12:15:00 AM	224100.000	18.844	17.077	42.448
29783.828	35094.738	22.231	23.864	33.575
1.016				
1/3/2016 12:30:00 AM	225000.000	18.843	17.077	42.446
29766.793	35074.316	22.217	23.851	33.594
1.016				
1/3/2016 12:45:00 AM	225900.000	18.848	17.076	42.457
29772.514	35082.035	22.222	23.856	33.588

1.016				
1/3/2016 1:00:00 AM	226800.000	18.848	17.077	42.457
29792.275	35104.633	22.238	23.871	33.566
1.016				
1/3/2016 1:15:00 AM	227700.000	18.842	17.076	42.444
29781.713	35093.148	22.230	23.863	33.578
1.016				
1/3/2016 1:30:00 AM	228600.000	18.847	17.078	42.455
29796.750	35109.277	22.241	23.874	33.561
1.016				
1/3/2016 1:45:00 AM	229500.000	18.846	17.077	42.452
29782.596	35093.008	22.230	23.863	33.577
1.016				
1/3/2016 2:00:00 AM	230400.000	18.845	17.077	42.451
29749.053	35053.484	22.202	23.836	33.615
1.016				
1/3/2016 2:15:00 AM	231300.000	18.842	17.080	42.443
29746.760	35048.984	22.199	23.833	33.617
1.016				
1/3/2016 2:30:00 AM	232200.000	18.846	17.079	42.451
29778.750	35087.363	22.226	23.859	33.581
1.016				
1/3/2016 2:45:00 AM	233100.000	18.839	17.080	42.436
29785.893	35094.750	22.231	23.864	33.573
1.016				
1/3/2016 3:00:00 AM	234000.000	18.846	17.080	42.452
29786.398	35095.004	22.231	23.865	33.572
1.016				
1/3/2016 3:15:00 AM	234900.000	18.846	17.081	42.452
29755.359	35058.352	22.206	23.840	33.607
1.016				
1/3/2016 3:30:00 AM	235800.000	18.843	17.082	42.446
29790.264	35098.375	22.234	23.867	33.568
1.016				
1/3/2016 3:45:00 AM	236700.000	18.842	17.081	42.443
29759.305	35062.797	22.209	23.843	33.603
1.016				
1/3/2016 4:00:00 AM	237600.000	18.846	17.082	42.453
29775.377	35081.035	22.222	23.855	33.585
1.016				
1/3/2016 4:15:00 AM	238500.000	18.845	17.082	42.450
29768.471	35072.621	22.216	23.849	33.593
1.016				
1/3/2016 4:30:00 AM	239400.000	18.849	17.083	42.458
29755.174	35056.328	22.204	23.838	33.608
1.016				
1/3/2016 4:45:00 AM	240300.000	18.846	17.083	42.452
29773.924	35078.637	22.220	23.853	33.586
1.016				
1/3/2016 5:00:00 AM	241200.000	18.843	17.083	42.446
29774.910	35079.660	22.221	23.854	33.585
1.016				
1/3/2016 5:15:00 AM	242100.000	18.847	17.083	42.454
29770.244	35074.301	22.217	23.851	33.591
1.016				

1/3/2016 5:30:00 AM 29772.191 1.016	243000.000 35076.113	18.847 22.218	17.083 23.852	42.455 33.588
1/3/2016 5:45:00 AM 29782.787 1.016	243900.000 35088.801	18.845 22.227	17.083 23.860	42.449 33.576
1/3/2016 6:00:00 AM 29813.018 1.016	244800.000 35123.793	18.847 22.252	17.084 23.884	42.454 33.542
1/3/2016 6:15:00 AM 29776.590 1.016	245700.000 35080.465	18.845 22.221	17.084 23.855	42.449 33.583
1/3/2016 6:30:00 AM 29782.809 1.016	246600.000 35087.371	18.844 22.226	17.085 23.859	42.447 33.576
1/3/2016 6:45:00 AM 29774.318 1.016	247500.000 35077.648	18.846 22.219	17.084 23.853	42.452 33.586
1/3/2016 7:00:00 AM 29772.803 1.016	248400.000 35076.344	18.844 22.218	17.084 23.852	42.447 33.588
1/3/2016 7:15:00 AM 29756.500 1.016	249300.000 35058.594	18.842 22.206	17.082 23.840	42.445 33.606
1/3/2016 7:30:00 AM 29762.447 1.016	250200.000 35067.957	18.846 22.212	17.079 23.846	42.452 33.599
1/3/2016 7:45:00 AM 29776.631 1.016	251100.000 35084.727	18.849 22.224	17.079 23.858	42.460 33.583
1/3/2016 8:00:00 AM 29774.229 1.016	252000.000 35082.461	18.852 22.222	17.078 23.856	42.467 33.586
1/3/2016 8:15:00 AM 29760.350 1.016	252900.000 35068.387	18.846 22.213	17.075 23.847	42.452 33.602
1/3/2016 8:30:00 AM 29767.471 1.016	253800.000 35076.777	18.845 22.218	17.075 23.852	42.451 33.594
1/3/2016 8:45:00 AM 29754.189 1.016	254700.000 35059.465	18.849 22.206	17.077 23.840	42.458 33.609
1/3/2016 9:00:00 AM 29752.990 1.016	255600.000 35057.637	18.849 22.205	17.078 23.839	42.459 33.610
1/3/2016 9:15:00 AM 29780.016 1.016	256500.000 35088.590	18.850 22.227	17.079 23.860	42.461 33.580
1/3/2016 9:30:00 AM 29785.904 1.016	257400.000 35094.691	18.849 22.231	17.080 23.864	42.460 33.573
1/3/2016 9:45:00 AM 29754.178 1.016	258300.000 35059.594	18.850 22.206	17.077 23.841	42.462 33.609
1/3/2016 10:00:00 AM	259200.000	18.852	17.076	42.466

29767.404	35075.730	22.218	23.851	33.594
1.016				
1/3/2016 10:15:00 AM	260100.000	18.851	17.079	42.464
29772.832	35080.250	22.221	23.855	33.588
1.016				
1/3/2016 10:30:00 AM	261000.000	18.853	17.079	42.467
29775.914	35083.547	22.223	23.857	33.584
1.016				
1/3/2016 10:45:00 AM	261900.000	18.855	17.079	42.474
29770.984	35077.738	22.219	23.853	33.590
1.016				
1/3/2016 11:00:00 AM	262800.000	18.854	17.079	42.471
29764.756	35070.953	22.214	23.848	33.597
1.016				
1/3/2016 11:15:00 AM	263700.000	18.854	17.080	42.470
29787.117	35095.852	22.232	23.865	33.572
1.016				
1/3/2016 11:30:00 AM	264600.000	18.853	17.077	42.467
29763.447	35070.727	22.214	23.848	33.598
1.016				
1/3/2016 11:45:00 AM	265500.000	18.856	17.079	42.475
29802.900	35115.680	22.246	23.879	33.554
1.016				
1/3/2016 12:00:00 PM	266400.000	18.856	17.076	42.475
29780.736	35091.645	22.229	23.862	33.579
1.016				
1/3/2016 12:15:00 PM	267300.000	18.859	17.074	42.483
29768.928	35079.121	22.220	23.854	33.592
1.016				
1/3/2016 12:30:00 PM	268200.000	18.859	17.076	42.483
29784.213	35095.535	22.232	23.865	33.575
1.016				
1/3/2016 12:45:00 PM	269100.000	18.859	17.078	42.483
29769.447	35077.027	22.219	23.852	33.591
1.016				
1/3/2016 1:00:00 PM	270000.000	18.860	17.078	42.484
29776.508	35085.211	22.224	23.858	33.584
1.016				
1/3/2016 1:15:00 PM	270900.000	18.857	17.078	42.478
29777.740	35086.938	22.226	23.859	33.582
1.016				
1/3/2016 1:30:00 PM	271800.000	18.860	17.076	42.484
29786.180	35098.273	22.233	23.867	33.573
1.016				
1/3/2016 1:45:00 PM	272700.000	18.865	17.077	42.495
29768.623	35076.473	22.218	23.852	33.592
1.016				
1/3/2016 2:00:00 PM	273600.000	18.864	17.075	42.493
29755.723	35063.012	22.209	23.843	33.607
1.016				
1/3/2016 2:15:00 PM	274500.000	18.864	17.077	42.493
29784.893	35096.270	22.232	23.865	33.574
1.016				
1/3/2016 2:30:00 PM	275400.000	18.861	17.076	42.487
29763.199	35070.773	22.214	23.848	33.599

1.016				
1/3/2016 2:45:00 PM	276300.000	18.865	17.077	42.495
29781.143	35091.227	22.229	23.862	33.578
1.016				
1/3/2016 3:00:00 PM	277200.000	18.866	17.077	42.497
29785.291	35096.738	22.232	23.866	33.574
1.016				
1/3/2016 3:15:00 PM	278100.000	18.864	17.079	42.493
29773.508	35080.988	22.221	23.855	33.587
1.016				
1/3/2016 3:30:00 PM	279000.000	18.865	17.077	42.496
29768.313	35076.043	22.218	23.852	33.593
1.016				
1/3/2016 3:45:00 PM	279900.000	18.863	17.076	42.491
29792.791	35106.340	22.239	23.872	33.565
1.016				
1/3/2016 4:00:00 PM	280800.000	18.864	17.078	42.493
29763.492	35069.668	22.214	23.847	33.598
1.016				
1/3/2016 4:15:00 PM	281700.000	18.870	17.076	42.507
29770.342	35079.262	22.220	23.854	33.590
1.016				
1/3/2016 4:30:00 PM	282600.000	18.868	17.077	42.502
29762.373	35069.664	22.213	23.847	33.599
1.016				
1/3/2016 4:45:00 PM	283500.000	18.871	17.076	42.510
29772.111	35081.422	22.222	23.855	33.588
1.016				
1/3/2016 5:00:00 PM	284400.000	18.868	17.077	42.502
29799.232	35113.027	22.244	23.877	33.558
1.016				
1/3/2016 5:15:00 PM	285300.000	18.871	17.076	42.510
29777.451	35088.328	22.226	23.860	33.582
1.016				
1/3/2016 5:30:00 PM	286200.000	18.871	17.077	42.509
29798.457	35111.914	22.243	23.876	33.559
1.016				
1/3/2016 5:45:00 PM	287100.000	18.870	17.078	42.505
29769.443	35077.301	22.219	23.853	33.591
1.016				
1/3/2016 6:00:00 PM	288000.000	18.874	17.077	42.516
29783.369	35094.137	22.231	23.864	33.576
1.016				
1/3/2016 6:15:00 PM	288900.000	18.872	17.076	42.511
29778.072	35088.648	22.227	23.860	33.582
1.016				
1/3/2016 6:30:00 PM	289800.000	18.871	17.075	42.508
29801.904	35117.492	22.247	23.880	33.555
1.016				
1/3/2016 6:45:00 PM	290700.000	18.871	17.078	42.509
29812.641	35128.063	22.254	23.887	33.543
1.016				
1/3/2016 7:00:00 PM	291600.000	18.870	17.077	42.506
29770.926	35079.742	22.220	23.854	33.590
1.016				

1/3/2016 7:15:00 PM 29781.320 1.016	292500.000 35093.313	18.876 22.230	17.075 23.863	42.520 33.578
1/3/2016 7:30:00 PM 29778.033 1.016	293400.000 35087.910	18.877 22.226	17.077 23.860	42.522 33.582
1/3/2016 7:45:00 PM 29786.674 1.016	294300.000 35098.297	18.875 22.233	17.077 23.867	42.518 33.572
1/3/2016 8:00:00 PM 29772.820 1.016	295200.000 35082.258	18.875 22.222	17.076 23.856	42.517 33.588
1/3/2016 8:15:00 PM 29790.156 1.016	296100.000 35103.098	18.876 22.237	17.076 23.870	42.521 33.568
1/3/2016 8:30:00 PM 29769.693 1.016	297000.000 35079.125	18.879 22.220	17.076 23.854	42.527 33.591
1/3/2016 8:45:00 PM 29758.287 1.016	297900.000 35065.746	18.878 22.211	17.076 23.845	42.524 33.604
1/3/2016 9:00:00 PM 29815.010 1.016	298800.000 35132.176	18.876 22.257	17.076 23.890	42.521 33.540
1/3/2016 9:15:00 PM 29791.842 1.016	299700.000 35104.320	18.877 22.238	17.077 23.871	42.522 33.566
1/3/2016 9:30:00 PM 29788.750 1.016	300600.000 35101.992	18.886 22.236	17.075 23.869	42.542 33.570
1/3/2016 9:45:00 PM 29786.816 1.016	301500.000 35099.086	18.882 22.234	17.076 23.867	42.533 33.572
1/3/2016 10:00:00 PM 29782.641 1.016	302400.000 35094.242	18.880 22.231	17.076 23.864	42.530 33.577
1/3/2016 10:15:00 PM 29790.885 1.016	303300.000 35101.945	18.880 22.236	17.078 23.869	42.529 33.567
1/3/2016 10:30:00 PM 29784.240 1.016	304200.000 35095.852	18.881 22.232	17.076 23.865	42.531 33.575
1/3/2016 10:45:00 PM 29774.783 1.016	305100.000 35083.875	18.882 22.223	17.077 23.857	42.534 33.585
1/3/2016 11:00:00 PM 29803.297 1.016	306000.000 35116.992	18.881 22.247	17.078 23.880	42.531 33.553
1/3/2016 11:15:00 PM 29792.809 1.016	306900.000 35106.363	18.881 22.239	17.076 23.872	42.531 33.565
1/3/2016 11:30:00 PM 29835.682 1.016	307800.000 35155.902	18.879 22.274	17.077 23.906	42.527 33.517
1/3/2016 11:45:00 PM	308700.000	18.882	17.075	42.533

29804.590	35120.801	22.249	23.882	33.552
1.016				
1/4/2016 12:00:00 AM	309600.000	18.883	17.075	42.536
29815.842	35134.258	22.258	23.891	33.539
1.016				
1/4/2016 12:15:00 AM	310500.000	18.886	17.075	42.543
29809.822	35126.969	22.253	23.886	33.546
1.016				
1/4/2016 12:30:00 AM	311400.000	18.885	17.076	42.541
29787.318	35099.953	22.235	23.868	33.571
1.016				
1/4/2016 12:45:00 AM	312300.000	18.883	17.077	42.536
29771.588	35079.969	22.221	23.854	33.589
1.016				
1/4/2016 1:00:00 AM	313200.000	18.889	17.076	42.550
29823.246	35141.602	22.264	23.896	33.531
1.016				
1/4/2016 1:15:00 AM	314100.000	18.888	17.076	42.548
29813.520	35130.695	22.256	23.889	33.542
1.016				
1/4/2016 1:30:00 AM	315000.000	18.885	17.075	42.541
29816.631	35134.566	22.259	23.892	33.538
1.016				
1/4/2016 1:45:00 AM	315900.000	18.884	17.076	42.537
29787.473	35099.727	22.234	23.868	33.571
1.016				
1/4/2016 2:00:00 AM	316800.000	18.889	17.074	42.549
29809.039	35126.453	22.253	23.886	33.547
1.016				
1/4/2016 2:15:00 AM	317700.000	18.886	17.077	42.543
29784.402	35095.691	22.232	23.865	33.575
1.016				
1/4/2016 2:30:00 AM	318600.000	18.885	17.076	42.541
29830.854	35151.191	22.270	23.903	33.522
1.016				
1/4/2016 2:45:00 AM	319500.000	18.888	17.075	42.548
29786.313	35099.336	22.234	23.868	33.572
1.016				
1/4/2016 3:00:00 AM	320400.000	18.888	17.077	42.548
29833.068	35152.965	22.272	23.904	33.520
1.016				
1/4/2016 3:15:00 AM	321300.000	18.889	17.076	42.550
29792.537	35105.766	22.239	23.872	33.565
1.016				
1/4/2016 3:30:00 AM	322200.000	18.890	17.076	42.552
29821.943	35140.199	22.263	23.895	33.532
1.016				
1/4/2016 3:45:00 AM	323100.000	18.891	17.076	42.554
29811.400	35127.992	22.254	23.887	33.544
1.016				
1/4/2016 4:00:00 AM	324000.000	18.889	17.076	42.550
29808.719	35124.895	22.252	23.885	33.547
1.016				
1/4/2016 4:15:00 AM	324900.000	18.890	17.075	42.552
29774.311	35084.977	22.224	23.858	33.586

1.016				
1/4/2016 4:30:00 AM	325800.000	18.894	17.075	42.560
29814.729	35132.605	22.257	23.890	33.540
1.016				
1/4/2016 4:45:00 AM	326700.000	18.892	17.075	42.556
29821.449	35140.941	22.263	23.896	33.533
1.016				
1/4/2016 5:00:00 AM	327600.000	18.892	17.075	42.555
29785.947	35098.688	22.234	23.867	33.573
1.016				
1/4/2016 5:15:00 AM	328500.000	18.890	17.076	42.551
29789.438	35102.320	22.236	23.870	33.569
1.016				
1/4/2016 5:30:00 AM	329400.000	18.891	17.077	42.554
29821.725	35139.332	22.262	23.895	33.533
1.016				
1/4/2016 5:45:00 AM	330300.000	18.891	17.076	42.554
29794.633	35108.375	22.240	23.874	33.563
1.016				
1/4/2016 6:00:00 AM	331200.000	18.893	17.077	42.559
29810.350	35126.129	22.253	23.886	33.545
1.016				
1/4/2016 6:15:00 AM	332100.000	18.897	17.075	42.567
29810.807	35128.129	22.254	23.887	33.545
1.016				
1/4/2016 6:30:00 AM	333000.000	18.897	17.076	42.567
29807.600	35123.375	22.251	23.884	33.548
1.016				
1/4/2016 6:45:00 AM	333900.000	18.895	17.078	42.563
29792.184	35103.680	22.237	23.871	33.566
1.016				
1/4/2016 7:00:00 AM	334800.000	18.897	17.076	42.567
29836.639	35157.383	22.275	23.907	33.516
1.016				
1/4/2016 7:15:00 AM	335700.000	18.899	17.079	42.571
29804.258	35117.418	22.247	23.880	33.552
1.016				
1/4/2016 7:30:00 AM	336600.000	18.896	17.077	42.565
29833.906	35153.469	22.272	23.904	33.519
1.016				
1/4/2016 7:45:00 AM	337500.000	18.899	17.079	42.571
29834.752	35152.801	22.272	23.904	33.518
1.016				
1/4/2016 8:00:00 AM	338400.000	18.896	17.078	42.566
29805.342	35119.527	22.248	23.881	33.551
1.016				
1/4/2016 8:15:00 AM	339300.000	18.896	17.079	42.566
29801.232	35113.715	22.244	23.877	33.556
1.016				
1/4/2016 8:30:00 AM	340200.000	18.901	17.079	42.576
29823.977	35140.387	22.263	23.895	33.530
1.016				
1/4/2016 8:45:00 AM	341100.000	18.905	17.077	42.585
29795.877	35108.875	22.241	23.874	33.562
1.016				

1/4/2016 9:00:00 AM 29818.545 1.016	342000.000 35134.191	18.903 22.259	17.079 23.891	42.580 33.536
1/4/2016 9:15:00 AM 29819.756 1.016	342900.000 35136.512	18.902 22.260	17.078 23.893	42.579 33.535
1/4/2016 9:30:00 AM 29824.520 1.016	343800.000 35141.293	18.900 22.264	17.079 23.896	42.574 33.529
1/4/2016 9:45:00 AM 29815.561 1.016	344700.000 35130.324	18.899 22.256	17.079 23.889	42.571 33.540
1/4/2016 10:00:00 AM 29800.355 1.016	345600.000 35113.938	18.901 22.244	17.077 23.877	42.576 33.557
1/4/2016 10:15:00 AM 29814.215 1.016	346500.000 35129.434	18.899 22.255	17.078 23.888	42.573 33.541
1/4/2016 10:30:00 AM 29810.646 1.016	347400.000 35125.164	18.898 22.252	17.078 23.885	42.569 33.545
1/4/2016 10:45:00 AM 29821.699 1.016	348300.000 35137.703	18.900 22.261	17.079 23.894	42.575 33.533
1/4/2016 11:00:00 AM 29805.863 1.016	349200.000 35120.496	18.902 22.249	17.077 23.882	42.579 33.550
1/4/2016 11:15:00 AM 29798.695 1.016	350100.000 35111.293	18.905 22.243	17.078 23.876	42.585 33.559
1/4/2016 11:30:00 AM 29805.994 1.016	351000.000 35120.090	18.906 22.249	17.078 23.882	42.588 33.550
1/4/2016 11:45:00 AM 29788.488 1.016	351900.000 35099.121	18.906 22.234	17.078 23.867	42.587 33.570
1/4/2016 12:00:00 PM 29804.152 1.016	352800.000 35118.059	18.906 22.247	17.078 23.880	42.588 33.552
1/4/2016 12:15:00 PM 29837.076 1.016	353700.000 35156.992	18.904 22.274	17.078 23.907	42.583 33.515
1/4/2016 12:30:00 PM 29774.430 1.016	354600.000 35081.723	18.908 22.222	17.079 23.856	42.592 33.586
1/4/2016 12:45:00 PM 29798.082 1.016	355500.000 35110.219	18.907 22.242	17.079 23.875	42.591 33.559
1/4/2016 1:00:00 PM 29830.854 1.016	356400.000 35151.191	18.902 22.270	17.076 23.903	42.578 33.522
1/4/2016 1:15:00 PM 29831.496 1.016	357300.000 35151.734	18.908 22.271	17.076 23.903	42.591 33.522
1/4/2016 1:30:00 PM	358200.000	18.904	17.077	42.583

29781.703	35092.512	22.229	23.863	33.578
1.016				
1/4/2016 1:45:00 PM	359100.000	18.905	17.076	42.585
29807.037	35122.992	22.251	23.884	33.549
1.016				
1/4/2016 2:00:00 PM	360000.000	18.907	17.078	42.591
29793.484	35105.215	22.238	23.872	33.564
1.016				
1/4/2016 2:15:00 PM	360900.000	18.912	17.076	42.601
29796.039	35109.617	22.241	23.875	33.562
1.016				
1/4/2016 2:30:00 PM	361800.000	18.909	17.075	42.594
29798.686	35113.637	22.244	23.877	33.559
1.016				
1/4/2016 2:45:00 PM	362700.000	18.907	17.076	42.591
29799.486	35113.883	22.244	23.877	33.558
1.016				
1/4/2016 3:00:00 PM	363600.000	18.908	17.075	42.592
29791.055	35104.785	22.238	23.871	33.567
1.016				
1/4/2016 3:15:00 PM	364500.000	18.911	17.075	42.598
29810.473	35127.449	22.254	23.887	33.545
1.016				
1/4/2016 3:30:00 PM	365400.000	18.911	17.076	42.598
29790.955	35103.625	22.237	23.870	33.567
1.016				
1/4/2016 3:45:00 PM	366300.000	18.910	17.076	42.597
29807.688	35123.824	22.251	23.884	33.548
1.016				
1/4/2016 4:00:00 PM	367200.000	18.914	17.077	42.606
29790.209	35102.258	22.236	23.870	33.568
1.016				
1/4/2016 4:15:00 PM	368100.000	18.912	17.076	42.601
29813.184	35129.879	22.255	23.888	33.542
1.016				
1/4/2016 4:30:00 PM	369000.000	18.915	17.074	42.607
29832.094	35153.695	22.272	23.905	33.521
1.016				
1/4/2016 4:45:00 PM	369900.000	18.913	17.075	42.604
29810.676	35128.105	22.254	23.887	33.545
1.016				
1/4/2016 5:00:00 PM	370800.000	18.914	17.076	42.605
29802.533	35117.684	22.247	23.880	33.554
1.016				
1/4/2016 5:15:00 PM	371700.000	18.917	17.075	42.612
29818.035	35136.645	22.260	23.893	33.537
1.016				
1/4/2016 5:30:00 PM	372600.000	18.916	17.076	42.609
29828.268	35147.520	22.268	23.900	33.525
1.016				
1/4/2016 5:45:00 PM	373500.000	18.917	17.077	42.612
29809.063	35124.680	22.252	23.885	33.547
1.016				
1/4/2016 6:00:00 PM	374400.000	18.918	17.076	42.615
29822.291	35141.164	22.263	23.896	33.532

1.016				
1/4/2016 6:15:00 PM	375300.000	18.918	17.077	42.615
29830.898	35150.141	22.270	23.902	33.522
1.016				
1/4/2016 6:30:00 PM	376200.000	18.918	17.075	42.614
29805.148	35121.316	22.249	23.882	33.551
1.016				
1/4/2016 6:45:00 PM	377100.000	18.916	17.076	42.611
29813.490	35130.035	22.256	23.888	33.542
1.016				
1/4/2016 7:00:00 PM	378000.000	18.917	17.077	42.613
29796.496	35109.250	22.241	23.874	33.561
1.016				
1/4/2016 7:15:00 PM	378900.000	18.923	17.078	42.627
29809.586	35124.461	22.252	23.885	33.546
1.016				
1/4/2016 7:30:00 PM	379800.000	18.924	17.076	42.628
29812.555	35129.281	22.255	23.888	33.543
1.016				
1/4/2016 7:45:00 PM	380700.000	18.922	17.077	42.625
29805.348	35120.098	22.249	23.882	33.551
1.016				
1/4/2016 8:00:00 PM	381600.000	18.922	17.077	42.625
29804.195	35118.738	22.248	23.881	33.552
1.016				
1/4/2016 8:15:00 PM	382500.000	18.921	17.077	42.622
29813.719	35130.023	22.256	23.888	33.542
1.016				
1/4/2016 8:30:00 PM	383400.000	18.924	17.079	42.628
29840.791	35160.602	22.277	23.909	33.511
1.016				
1/4/2016 8:45:00 PM	384300.000	18.926	17.077	42.632
29824.596	35142.840	22.265	23.897	33.529
1.016				
1/4/2016 9:00:00 PM	385200.000	18.926	17.076	42.632
29803.629	35118.836	22.248	23.881	33.553
1.016				
1/4/2016 9:15:00 PM	386100.000	18.932	17.074	42.647
29796.111	35111.430	22.243	23.876	33.561
1.016				
1/4/2016 9:30:00 PM	387000.000	18.928	17.076	42.637
29808.305	35124.207	22.252	23.884	33.548
1.016				
1/4/2016 9:45:00 PM	387900.000	18.930	17.076	42.641
29798.361	35112.559	22.243	23.877	33.559
1.016				
1/4/2016 10:00:00 PM	388800.000	18.930	17.078	42.642
29819.430	35135.785	22.260	23.892	33.535
1.016				
1/4/2016 10:15:00 PM	389700.000	18.931	17.077	42.644
29793.713	35106.664	22.239	23.873	33.564
1.016				
1/4/2016 10:30:00 PM	390600.000	18.932	17.078	42.645
29823.898	35141.469	22.264	23.896	33.530
1.016				

1/4/2016 10:45:00 PM 29832.480 1.016	391500.000 35152.762	18.932 22.271	17.076 23.904	42.647 33.521
1/4/2016 11:00:00 PM 29799.383 1.016	392400.000 35112.441	18.933 22.243	17.078 23.876	42.649 33.558
1/4/2016 11:15:00 PM 29793.084 1.016	393300.000 35106.195	18.932 22.239	17.076 23.872	42.647 33.565
1/4/2016 11:30:00 PM 29831.918 1.016	394200.000 35150.777	18.931 22.270	17.078 23.903	42.643 33.521
1/4/2016 11:45:00 PM 29820.287 1.016	395100.000 35137.906	18.935 22.261	17.077 23.894	42.653 33.534
1/5/2016 12:00:00 AM 29850.525 1.016	396000.000 35173.672	18.935 22.286	17.076 23.918	42.654 33.500
1/5/2016 12:15:00 AM 29816.602 1.016	396900.000 35133.422	18.936 22.258	17.077 23.891	42.656 33.538
1/5/2016 12:30:00 AM 29828.617 1.016	397800.000 35147.516	18.937 22.268	17.077 23.900	42.657 33.525
1/5/2016 12:45:00 AM 29824.719 1.016	398700.000 35143.965	18.932 22.265	17.076 23.898	42.645 33.529
1/5/2016 1:00:00 AM 29796.592 1.016	399600.000 35109.719	18.938 22.241	17.077 23.875	42.661 33.561
1/5/2016 1:15:00 AM 29822.285 1.016	400500.000 35139.086	18.934 22.262	17.078 23.895	42.651 33.532
1/5/2016 1:30:00 AM 29797.160 1.016	401400.000 35109.961	18.939 22.242	17.078 23.875	42.661 33.560
1/5/2016 1:45:00 AM 29798.361 1.016	402300.000 35110.473	18.938 22.242	17.079 23.875	42.659 33.559
1/5/2016 2:00:00 AM 29813.375 1.016	403200.000 35129.414	18.938 22.255	17.077 23.888	42.659 33.542
1/5/2016 2:15:00 AM 29786.602 1.016	404100.000 35097.945	18.939 22.233	17.077 23.867	42.661 33.572
1/5/2016 2:30:00 AM 29824.951 1.016	405000.000 35144.020	18.940 22.265	17.076 23.898	42.663 33.529
1/5/2016 2:45:00 AM 29813.119 1.016	405900.000 35130.078	18.938 22.256	17.076 23.888	42.661 33.542
1/5/2016 3:00:00 AM 29806.256 1.016	406800.000 35122.895	18.941 22.251	17.075 23.884	42.667 33.550
1/5/2016 3:15:00 AM	407700.000	18.941	17.076	42.667

29805.863	35121.746	22.250	23.883	33.550
1.016				
1/5/2016 3:30:00 AM	408600.000	18.940	17.076	42.665
29812.113	35128.617	22.255	23.887	33.543
1.016				
1/5/2016 3:45:00 AM	409500.000	18.939	17.074	42.662
29788.686	35102.758	22.236	23.870	33.570
1.016				
1/5/2016 4:00:00 AM	410400.000	18.941	17.075	42.666
29808.670	35125.262	22.252	23.885	33.547
1.016				
1/5/2016 4:15:00 AM	411300.000	18.949	17.076	42.683
29797.383	35111.406	22.243	23.876	33.560
1.016				
1/5/2016 4:30:00 AM	412200.000	18.948	17.076	42.681
29816.824	35134.035	22.258	23.891	33.538
1.016				
1/5/2016 4:45:00 AM	413100.000	18.946	17.076	42.678
29826.891	35145.895	22.267	23.899	33.527
1.016				
1/5/2016 5:00:00 AM	414000.000	18.947	17.076	42.680
29814.760	35131.879	22.257	23.890	33.540
1.016				
1/5/2016 5:15:00 AM	414900.000	18.943	17.076	42.670
29816.117	35133.480	22.258	23.891	33.539
1.016				
1/5/2016 5:30:00 AM	415800.000	18.950	17.077	42.686
29832.875	35152.391	22.271	23.904	33.520
1.016				
1/5/2016 5:45:00 AM	416700.000	18.946	17.079	42.677
29808.393	35122.367	22.250	23.883	33.548
1.016				
1/5/2016 6:00:00 AM	417600.000	18.952	17.077	42.691
29813.768	35129.957	22.256	23.888	33.542
1.016				
1/5/2016 6:15:00 AM	418500.000	18.945	17.079	42.675
29805.912	35119.508	22.248	23.881	33.550
1.016				
1/5/2016 6:30:00 AM	419400.000	18.949	17.079	42.686
29787.955	35098.012	22.233	23.867	33.571
1.016				
1/5/2016 6:45:00 AM	420300.000	18.946	17.078	42.678
29859.197	35182.504	22.292	23.924	33.491
1.016				
1/5/2016 7:00:00 AM	421200.000	18.950	17.079	42.686
29817.234	35132.508	22.257	23.890	33.538
1.016				
1/5/2016 7:15:00 AM	422100.000	18.950	17.079	42.686
29801.988	35114.820	22.245	23.878	33.555
1.016				
1/5/2016 7:30:00 AM	423000.000	18.951	17.079	42.690
29817.088	35132.336	22.257	23.890	33.538
1.016				
1/5/2016 7:45:00 AM	423900.000	18.956	17.078	42.701
29808.994	35123.766	22.251	23.884	33.547

1.016				
1/5/2016 8:00:00 AM	424800.000	18.954	17.078	42.697
29791.246	35102.656	22.237	23.870	33.567
1.016				
1/5/2016 8:15:00 AM	425700.000	18.952	17.078	42.692
29815.764	35131.742	22.257	23.890	33.539
1.016				
1/5/2016 8:30:00 AM	426600.000	18.956	17.080	42.700
29794.557	35105.023	22.238	23.871	33.563
1.016				
1/5/2016 8:45:00 AM	427500.000	18.956	17.079	42.700
29808.162	35121.820	22.250	23.883	33.548
1.016				
1/5/2016 9:00:00 AM	428400.000	18.952	17.079	42.691
29780.920	35089.508	22.227	23.861	33.579
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1/5/2016 9:15:00 AM	429300.000	18.956	17.079	42.700
29815.438	35130.324	22.256	23.889	33.540
1.016				
1/5/2016 9:30:00 AM	430200.000	18.956	17.079	42.700
29826.855	35144.184	22.266	23.898	33.527
1.016				
1/5/2016 9:45:00 AM	431100.000	18.958	17.078	42.704
29830.039	35148.012	22.268	23.901	33.523
1.016				
1/5/2016 10:00:00 AM	432000.000	18.955	17.078	42.698
29825.844	35143.203	22.265	23.897	33.528
1.016				
1/5/2016 10:15:00 AM	432900.000	18.958	17.077	42.705
29834.957	35155.051	22.273	23.905	33.518
1.016				
1/5/2016 10:30:00 AM	433800.000	18.959	17.078	42.706
29783.416	35093.289	22.230	23.863	33.576
1.016				
1/5/2016 10:45:00 AM	434700.000	18.958	17.078	42.704
29799.387	35111.898	22.243	23.876	33.558
1.016				
1/5/2016 11:00:00 AM	435600.000	18.958	17.077	42.705
29840.605	35161.289	22.277	23.910	33.511
1.016				
1/5/2016 11:15:00 AM	436500.000	18.959	17.078	42.708
29819.807	35136.309	22.260	23.893	33.535
1.016				
1/5/2016 11:30:00 AM	437400.000	18.962	17.078	42.713
29828.070	35146.043	22.267	23.899	33.525
1.016				
1/5/2016 11:45:00 AM	438300.000	18.958	17.078	42.704
29821.066	35137.988	22.261	23.894	33.533
1.016				
1/5/2016 12:00:00 PM	439200.000	18.959	17.078	42.706
29814.705	35129.945	22.256	23.888	33.540
1.016				
1/5/2016 12:15:00 PM	440100.000	18.961	17.078	42.711
29812.695	35127.711	22.254	23.887	33.543
1.016				

1/5/2016 12:30:00 PM 29830.939 1.016	441000.000 35149.762	18.960 22.269	17.078 23.902	42.709 33.522
1/5/2016 12:45:00 PM 29788.102 1.016	441900.000 35099.008	18.963 22.234	17.078 23.867	42.717 33.570
1/5/2016 1:00:00 PM 29810.885 1.016	442800.000 35125.367	18.960 22.252	17.079 23.885	42.709 33.545
1/5/2016 1:15:00 PM 29800.453 1.016	443700.000 35114.328	18.965 22.245	17.077 23.878	42.721 33.557
1/5/2016 1:30:00 PM 29820.563 1.016	444600.000 35139.336	18.966 22.262	17.075 23.895	42.722 33.534
1/5/2016 1:45:00 PM 29810.787 1.016	445500.000 35127.270	18.968 22.254	17.076 23.887	42.727 33.545
1/5/2016 2:00:00 PM 29777.154 1.016	446400.000 35087.219	18.971 22.226	17.076 23.859	42.733 33.583
1/5/2016 2:15:00 PM 29810.234 1.016	447300.000 35125.918	18.967 22.253	17.077 23.886	42.725 33.546
1/5/2016 2:30:00 PM 29784.875 1.016	448200.000 35095.973	18.972 22.232	17.077 23.865	42.736 33.574
1/5/2016 2:45:00 PM 29808.701 1.016	449100.000 35123.770	18.969 22.251	17.077 23.884	42.730 33.547
1/5/2016 3:00:00 PM 29814.887 1.016	450000.000 35131.824	18.967 22.257	17.076 23.890	42.726 33.540
1/5/2016 3:15:00 PM 29825.191 1.016	450900.000 35143.895	18.969 22.265	17.076 23.898	42.730 33.529
1/5/2016 3:30:00 PM 29808.766 1.016	451800.000 35124.262	18.970 22.252	17.077 23.884	42.731 33.547
1/5/2016 3:45:00 PM 29776.977 1.016	452700.000 35087.770	18.971 22.226	17.076 23.860	42.734 33.583
1/5/2016 4:00:00 PM 29813.465 1.016	453600.000 35130.355	18.973 22.256	17.076 23.889	42.739 33.542
1/5/2016 4:15:00 PM 29789.619 1.016	454500.000 35104.961	18.975 22.238	17.073 23.871	42.744 33.569
1/5/2016 4:30:00 PM 29793.002 1.016	455400.000 35108.117	18.974 22.240	17.074 23.874	42.740 33.565
1/5/2016 4:45:00 PM 29801.318 1.016	456300.000 35116.801	18.974 22.246	17.075 23.879	42.741 33.556
1/5/2016 5:00:00 PM	457200.000	18.976	17.074	42.745

29805.994	35123.492	22.251	23.884	33.550
1.016				
1/5/2016 5:15:00 PM	458100.000	18.973	17.073	42.738
29768.383	35079.996	22.221	23.854	33.593
1.016				
1/5/2016 5:30:00 PM	459000.000	18.982	17.074	42.760
29821.914	35141.699	22.264	23.896	33.532
1.016				
1/5/2016 5:45:00 PM	459900.000	18.977	17.073	42.746
29806.379	35124.434	22.252	23.885	33.550
1.016				
1/5/2016 6:00:00 PM	460800.000	18.980	17.074	42.755
29810.848	35129.211	22.255	23.888	33.545
1.016				
1/5/2016 6:15:00 PM	461700.000	18.979	17.074	42.753
29804.313	35120.887	22.249	23.882	33.552
1.016				
1/5/2016 6:30:00 PM	462600.000	18.978	17.074	42.749
29809.443	35127.344	22.254	23.887	33.546
1.016				
1/5/2016 6:45:00 PM	463500.000	18.980	17.075	42.755
29781.896	35094.063	22.230	23.864	33.577
1.016				
1/5/2016 7:00:00 PM	464400.000	18.978	17.075	42.750
29784.605	35097.109	22.233	23.866	33.574
1.016				
1/5/2016 7:15:00 PM	465300.000	18.985	17.075	42.765
29794.098	35108.512	22.241	23.874	33.564
1.016				
1/5/2016 7:30:00 PM	466200.000	18.981	17.075	42.758
29787.813	35101.305	22.235	23.869	33.571
1.016				
1/5/2016 7:45:00 PM	467100.000	18.980	17.076	42.755
29773.918	35083.965	22.223	23.857	33.586
1.016				
1/5/2016 8:00:00 PM	468000.000	18.985	17.074	42.765
29784.820	35098.328	22.233	23.867	33.574
1.016				
1/5/2016 8:15:00 PM	468900.000	18.985	17.075	42.766
29828.258	35148.484	22.268	23.901	33.525
1.016				
1/5/2016 8:30:00 PM	469800.000	18.988	17.074	42.772
29809.063	35127.176	22.253	23.886	33.547
1.016				
1/5/2016 8:45:00 PM	470700.000	18.988	17.073	42.772
29785.453	35099.422	22.234	23.868	33.573
1.016				
1/5/2016 9:00:00 PM	471600.000	18.991	17.074	42.779
29779.031	35091.238	22.228	23.862	33.581
1.016				
1/5/2016 9:15:00 PM	472500.000	18.992	17.076	42.782
29774.805	35085.211	22.224	23.858	33.585
1.016				
1/5/2016 9:30:00 PM	473400.000	18.989	17.075	42.774
29793.604	35107.711	22.240	23.873	33.564

1.016				
1/5/2016 9:45:00 PM	474300.000	18.990	17.075	42.776
29808.334	35125.285	22.252	23.885	33.548
1.016				
1/5/2016 10:00:00 PM	475200.000	18.997	17.074	42.792
29775.930	35087.648	22.226	23.860	33.584
1.016				
1/5/2016 10:15:00 PM	476100.000	18.998	17.074	42.794
29797.918	35113.637	22.244	23.877	33.559
1.016				
1/5/2016 10:30:00 PM	477000.000	18.996	17.075	42.791
29819.789	35138.984	22.262	23.895	33.535
1.016				
1/5/2016 10:45:00 PM	477900.000	18.996	17.074	42.791
29790.564	35104.758	22.238	23.871	33.568
1.016				
1/5/2016 11:00:00 PM	478800.000	18.999	17.075	42.797
29786.363	35099.523	22.234	23.868	33.572
1.016				
1/5/2016 11:15:00 PM	479700.000	18.998	17.076	42.795
29777.088	35087.426	22.226	23.859	33.583
1.016				
1/5/2016 11:30:00 PM	480600.000	19.001	17.077	42.803
29801.754	35116.000	22.246	23.879	33.555
1.016				
1/5/2016 11:45:00 PM	481500.000	19.002	17.077	42.804
29795.900	35108.902	22.241	23.874	33.562
1.016				
1/6/2016 12:00:00 AM	482400.000	19.001	17.075	42.802
29819.625	35138.094	22.261	23.894	33.535
1.016				
1/6/2016 12:15:00 AM	483300.000	19.002	17.076	42.804
29793.797	35106.973	22.239	23.873	33.564
1.016				
1/6/2016 12:30:00 AM	484200.000	19.006	17.075	42.813
29789.477	35102.848	22.237	23.870	33.569
1.016				
1/6/2016 12:45:00 AM	485100.000	19.002	17.075	42.804
29827.615	35147.934	22.268	23.901	33.526
1.016				
1/6/2016 1:00:00 AM	486000.000	19.003	17.074	42.807
29775.861	35087.359	22.226	23.859	33.584
1.016				
1/6/2016 1:15:00 AM	486900.000	19.006	17.073	42.813
29796.703	35112.895	22.244	23.877	33.561
1.016				
1/6/2016 1:30:00 AM	487800.000	19.007	17.076	42.815
29780.043	35090.973	22.228	23.862	33.580
1.016				
1/6/2016 1:45:00 AM	488700.000	19.008	17.076	42.816
29775.900	35085.813	22.225	23.858	33.584
1.016				
1/6/2016 2:00:00 AM	489600.000	19.009	17.075	42.819
29766.314	35075.352	22.217	23.851	33.595
1.016				

1/6/2016 2:15:00 AM 29782.863 1.016	490500.000 35095.680	19.009 22.232	17.074 23.865	42.820 33.576
1/6/2016 2:30:00 AM 29784.850 1.016	491400.000 35096.766	19.012 22.232	17.076 23.866	42.826 33.574
1/6/2016 2:45:00 AM 29814.766 1.016	492300.000 35131.469	19.016 22.257	17.077 23.889	42.834 33.540
1/6/2016 3:00:00 AM 29775.959 1.016	493200.000 35086.438	19.017 22.225	17.076 23.859	42.837 33.584
1/6/2016 3:15:00 AM 29787.504 1.016	494100.000 35100.246	19.020 22.235	17.075 23.868	42.844 33.571
1/6/2016 3:30:00 AM 29788.824 1.016	495000.000 35101.531	19.015 22.236	17.076 23.869	42.833 33.570
1/6/2016 3:45:00 AM 29755.139 1.016	495900.000 35062.035	19.019 22.208	17.076 23.842	42.842 33.608
1/6/2016 4:00:00 AM 29774.660 1.016	496800.000 35085.535	19.014 22.224	17.075 23.858	42.831 33.586
1/6/2016 4:15:00 AM 29783.219 1.016	497700.000 35095.195	19.026 22.231	17.075 23.865	42.857 33.576
1/6/2016 4:30:00 AM 29761.555 1.016	498600.000 35069.668	19.021 22.213	17.075 23.847	42.847 33.600
1/6/2016 4:45:00 AM 29788.740 1.016	499500.000 35100.805	19.020 22.235	17.077 23.869	42.844 33.570
1/6/2016 5:00:00 AM 29799.795 1.016	500400.000 35113.203	19.025 22.244	17.077 23.877	42.855 33.557
1/6/2016 5:15:00 AM 29796.377 1.016	501300.000 35110.016	19.028 22.242	17.076 23.875	42.861 33.561
1/6/2016 5:30:00 AM 29774.609 1.016	502200.000 35083.316	19.027 22.223	17.078 23.857	42.859 33.586
1/6/2016 5:45:00 AM 29783.854 1.016	503100.000 35093.594	19.025 22.230	17.078 23.864	42.856 33.575
1/6/2016 6:00:00 AM 29798.686 1.016	504000.000 35110.793	19.027 22.242	17.079 23.875	42.861 33.559
1/6/2016 6:15:00 AM 29755.049 1.016	504900.000 35060.266	19.026 22.207	17.078 23.841	42.857 33.608
1/6/2016 6:30:00 AM 29773.551 1.016	505800.000 35082.066	19.031 22.222	17.078 23.856	42.870 33.587
1/6/2016 6:45:00 AM	506700.000	19.029	17.079	42.865

29777.637	35085.992	22.225	23.858	33.582
1.016				
1/6/2016 7:00:00 AM	507600.000	19.034	17.079	42.877
29785.592	35095.086	22.231	23.865	33.573
1.016				
1/6/2016 7:15:00 AM	508500.000	19.034	17.079	42.877
29762.963	35068.563	22.213	23.847	33.599
1.016				
1/6/2016 7:30:00 AM	509400.000	19.037	17.079	42.883
29805.055	35117.883	22.247	23.880	33.551
1.016				
1/6/2016 7:45:00 AM	510300.000	19.039	17.079	42.886
29744.467	35046.633	22.197	23.832	33.620
1.016				
1/6/2016 8:00:00 AM	511200.000	19.038	17.079	42.885
29795.496	35107.035	22.240	23.873	33.562
1.016				
1/6/2016 8:15:00 AM	512100.000	19.039	17.079	42.887
29813.275	35127.566	22.254	23.887	33.542
1.016				
1/6/2016 8:30:00 AM	513000.000	19.038	17.080	42.885
29764.646	35069.719	22.214	23.847	33.597
1.016				
1/6/2016 8:45:00 AM	513900.000	19.039	17.080	42.887
29763.654	35068.336	22.213	23.846	33.598
1.016				
1/6/2016 9:00:00 AM	514800.000	19.042	17.081	42.893
29749.529	35051.484	22.201	23.835	33.614
1.016				
1/6/2016 9:15:00 AM	515700.000	19.040	17.081	42.889
29771.410	35077.266	22.219	23.853	33.589
1.016				
1/6/2016 9:30:00 AM	516600.000	19.041	17.082	42.893
29761.627	35064.359	22.210	23.844	33.600
1.016				
1/6/2016 9:45:00 AM	517500.000	19.046	17.082	42.904
29766.375	35070.230	22.214	23.848	33.595
1.016				
1/6/2016 10:00:00 AM	518400.000	19.046	17.081	42.902
29769.816	35074.969	22.217	23.851	33.591
1.016				
1/6/2016 10:15:00 AM	519300.000	19.049	17.082	42.910
29751.994	35053.285	22.202	23.836	33.611
1.016				
1/6/2016 10:30:00 AM	520200.000	19.045	17.082	42.902
29752.473	35053.430	22.202	23.836	33.611
1.016				
1/6/2016 10:45:00 AM	521100.000	19.054	17.082	42.921
29761.148	35063.648	22.209	23.843	33.601
1.016				
1/6/2016 11:00:00 AM	522000.000	19.053	17.082	42.918
29752.145	35053.188	22.202	23.836	33.611
1.016				
1/6/2016 11:15:00 AM	522900.000	19.053	17.082	42.920
29742.256	35041.461	22.194	23.828	33.622

1.016				
1/6/2016 11:30:00 AM	523800.000	19.053	17.082	42.920
29776.547	35081.793	22.222	23.856	33.583
1.016				
1/6/2016 11:45:00 AM	524700.000	19.057	17.083	42.929
29749.420	35049.547	22.200	23.834	33.614
1.016				
1/6/2016 12:00:00 PM	525600.000	19.054	17.083	42.921
29766.971	35070.305	22.214	23.848	33.594
1.016				
1/6/2016 12:15:00 PM	526500.000	19.059	17.083	42.933
29747.271	35046.613	22.198	23.832	33.617
1.016				
1/6/2016 12:30:00 PM	527400.000	19.060	17.083	42.935
29780.377	35085.617	22.225	23.858	33.579
1.016				
1/6/2016 12:45:00 PM	528300.000	19.062	17.084	42.939
29760.191	35061.414	22.208	23.842	33.602
1.016				
1/6/2016 1:00:00 PM	529200.000	19.062	17.084	42.939
29780.779	35085.949	22.225	23.858	33.579
1.016				
1/6/2016 1:15:00 PM	530100.000	19.070	17.084	42.956
29757.469	35057.938	22.206	23.839	33.605
1.016				
1/6/2016 1:30:00 PM	531000.000	19.064	17.083	42.944
29751.646	35051.836	22.201	23.835	33.612
1.016				
1/6/2016 1:45:00 PM	531900.000	19.068	17.083	42.953
29748.715	35048.313	22.199	23.833	33.615
1.016				
1/6/2016 2:00:00 PM	532800.000	19.065	17.084	42.946
29736.191	35032.941	22.188	23.822	33.629
1.016				
1/6/2016 2:15:00 PM	533700.000	19.069	17.084	42.955
29773.055	35076.641	22.219	23.852	33.587
1.016				
1/6/2016 2:30:00 PM	534600.000	19.068	17.084	42.952
29748.449	35047.172	22.198	23.832	33.615
1.016				
1/6/2016 2:45:00 PM	535500.000	19.072	17.084	42.961
29748.080	35046.805	22.198	23.832	33.616
1.016				
1/6/2016 3:00:00 PM	536400.000	19.072	17.085	42.961
29733.422	35029.191	22.186	23.820	33.632
1.016				
1/6/2016 3:15:00 PM	537300.000	19.075	17.085	42.969
29737.947	35034.035	22.189	23.823	33.627
1.016				
1/6/2016 3:30:00 PM	538200.000	19.074	17.085	42.967
29766.451	35068.102	22.213	23.846	33.595
1.016				
1/6/2016 3:45:00 PM	539100.000	19.079	17.084	42.978
29749.023	35047.777	22.198	23.832	33.615
1.016				

1/6/2016 4:00:00 PM 29764.357 1.016	540000.000 35065.426	19.078 22.211	17.085 23.844	42.975 33.597
1/6/2016 4:15:00 PM 29759.197 1.016	540900.000 35059.348	19.078 22.207	17.085 23.840	42.974 33.603
1/6/2016 4:30:00 PM 29740.912 1.016	541800.000 35037.672	19.084 22.191	17.085 23.826	42.988 33.624
1/6/2016 4:45:00 PM 29753.113 1.016	542700.000 35051.844	19.081 22.201	17.085 23.835	42.982 33.610
1/6/2016 5:00:00 PM 29736.621 1.016	543600.000 35032.820	19.084 22.188	17.085 23.822	42.988 33.629
1/6/2016 5:15:00 PM 29780.635 1.016	544500.000 35084.324	19.084 22.224	17.085 23.857	42.989 33.579
1/6/2016 5:30:00 PM 29762.477 1.016	545400.000 35063.008	19.084 22.209	17.085 23.843	42.988 33.599
1/6/2016 5:45:00 PM 29742.141 1.016	546300.000 35039.188	19.088 22.193	17.085 23.827	42.999 33.622
1/6/2016 6:00:00 PM 29760.021 1.016	547200.000 35060.113	19.090 22.207	17.085 23.841	43.003 33.602
1/6/2016 6:15:00 PM 29760.809 1.016	548100.000 35060.906	19.094 22.208	17.085 23.841	43.011 33.601
1/6/2016 6:30:00 PM 29775.598 1.016	549000.000 35077.977	19.093 22.220	17.086 23.853	43.009 33.585
1/6/2016 6:45:00 PM 29718.680 1.016	549900.000 35010.980	19.087 22.173	17.086 23.807	42.996 33.649
1/6/2016 7:00:00 PM 29737.361 1.016	550800.000 35033.344	19.098 22.188	17.085 23.823	43.020 33.628
1/6/2016 7:15:00 PM 29765.432 1.016	551700.000 35066.625	19.094 22.212	17.085 23.845	43.012 33.596
1/6/2016 7:30:00 PM 29750.113 1.016	552600.000 35048.914	19.098 22.199	17.085 23.833	43.019 33.613
1/6/2016 7:45:00 PM 29769.498 1.016	553500.000 35070.930	19.098 22.215	17.086 23.848	43.020 33.591
1/6/2016 8:00:00 PM 29730.746 1.016	554400.000 35025.695	19.095 22.183	17.085 23.817	43.013 33.635
1/6/2016 8:15:00 PM 29743.467 1.016	555300.000 35040.477	19.104 22.193	17.085 23.828	43.034 33.621
1/6/2016 8:30:00 PM	556200.000	19.103	17.085	43.032

29773.441	35075.922	22.218	23.852	33.587
1.016				
1/6/2016 8:45:00 PM	557100.000	19.104	17.085	43.034
29755.979	35055.277	22.204	23.838	33.607
1.016				
1/6/2016 9:00:00 PM	558000.000	19.099	17.086	43.023
29750.303	35047.832	22.199	23.833	33.613
1.016				
1/6/2016 9:15:00 PM	558900.000	19.107	17.087	43.041
29747.105	35043.863	22.196	23.830	33.617
1.016				
1/6/2016 9:30:00 PM	559800.000	19.109	17.086	43.044
29724.750	35018.348	22.178	23.812	33.642
1.016				
1/6/2016 9:45:00 PM	560700.000	19.109	17.085	43.045
29746.926	35044.555	22.196	23.830	33.617
1.016				
1/6/2016 10:00:00 PM	561600.000	19.115	17.086	43.059
29733.365	35028.281	22.185	23.819	33.632
1.016				
1/6/2016 10:15:00 PM	562500.000	19.112	17.087	43.051
29781.971	35084.859	22.224	23.858	33.577
1.016				
1/6/2016 10:30:00 PM	563400.000	19.112	17.086	43.052
29741.779	35038.273	22.192	23.826	33.623
1.016				
1/6/2016 10:45:00 PM	564300.000	19.115	17.086	43.059
29756.619	35055.828	22.204	23.838	33.606
1.016				
1/6/2016 11:00:00 PM	565200.000	19.117	17.086	43.062
29770.900	35072.441	22.216	23.849	33.590
1.016				
1/6/2016 11:15:00 PM	566100.000	19.119	17.086	43.068
29739.064	35035.074	22.190	23.824	33.626
1.016				
1/6/2016 11:30:00 PM	567000.000	19.120	17.086	43.069
29754.143	35052.355	22.202	23.836	33.609
1.016				
1/6/2016 11:45:00 PM	567900.000	19.120	17.086	43.070
29754.338	35052.719	22.202	23.836	33.609
1.016				

Report Date: 1/11/2016 11:28:59 AM
Report User Name: KMaker
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4D Pre Test_2016-01-07_11-05-28-314.wsl
Create Date: 1/7/2016 11:04:21 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-4D
Device Name:
Serial Number: 392547
Firmware Version: 2.00
Hardware Version: 3
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 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
 1/3/2016 2:37:21 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: CShaw Interval - Start
 Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:30:00 PM
 1/7/2016 11:07:23 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start
 Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:30:00 AM

Log Data:

Record Count: 677

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	
Actual Conductivity (µS)	Specific Conductivity (µS)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)
Resistivity (ohm-cm)	Water Density (g/cm3)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity (ohm-cm)	Water Density (g/cm3)

12/31/2015 12:00:00 AM	2674800.000	121.121	20.385	272.837
37701.059	41345.605	26.780	28.115	26.524
1.018				
12/31/2015 12:15:00 AM	2675700.000	121.108	20.382	272.806
37709.336	41357.496	26.789	28.123	26.519
1.018				
12/31/2015 12:30:00 AM	2676600.000	121.148	20.382	272.897
37711.551	41359.996	26.790	28.125	26.517

1.018					
12/31/2015 12:45:00 AM	2677500.000	121.150	20.378	272.903	
37697.469	41347.430	26.781	28.116	26.527	
1.018					
12/31/2015 1:00:00 AM	2678400.000	121.169	20.379	272.945	
37720.020	41371.941	26.799	28.133	26.511	
1.018					
12/31/2015 1:15:00 AM	2679300.000	121.191	20.381	272.994	
37709.090	41358.055	26.789	28.123	26.519	
1.018					
12/31/2015 1:30:00 AM	2680200.000	121.212	20.378	273.042	
37713.520	41365.563	26.794	28.129	26.516	
1.018					
12/31/2015 1:45:00 AM	2681100.000	121.229	20.380	273.080	
37727.883	41378.891	26.804	28.138	26.506	
1.018					
12/31/2015 2:00:00 AM	2682000.000	121.257	20.378	273.144	
37701.902	41352.145	26.785	28.119	26.524	
1.018					
12/31/2015 2:15:00 AM	2682900.000	121.262	20.375	273.154	
37714.348	41368.441	26.796	28.131	26.515	
1.018					
12/31/2015 2:30:00 AM	2683800.000	121.277	20.378	273.188	
37699.090	41349.359	26.783	28.118	26.526	
1.018					
12/31/2015 2:45:00 AM	2684700.000	121.323	20.378	273.291	
37713.809	41365.582	26.794	28.129	26.515	
1.018					
12/31/2015 3:00:00 AM	2685600.000	121.307	20.377	273.255	
37715.648	41368.211	26.796	28.130	26.514	
1.018					
12/31/2015 3:15:00 AM	2686500.000	121.325	20.379	273.296	
37703.168	41353.074	26.785	28.120	26.523	
1.018					
12/31/2015 3:30:00 AM	2687400.000	121.326	20.378	273.299	
37730.719	41384.129	26.808	28.141	26.504	
1.018					
12/31/2015 3:45:00 AM	2688300.000	121.345	20.376	273.342	
37686.508	41337.609	26.774	28.110	26.535	
1.018					
12/31/2015 4:00:00 AM	2689200.000	121.374	20.378	273.407	
37704.426	41354.910	26.787	28.121	26.522	
1.018					
12/31/2015 4:15:00 AM	2690100.000	121.353	20.379	273.358	
37710.047	41360.691	26.791	28.125	26.518	
1.018					
12/31/2015 4:30:00 AM	2691000.000	121.385	20.381	273.432	
37716.734	41365.832	26.795	28.129	26.513	
1.018					
12/31/2015 4:45:00 AM	2691900.000	121.355	20.377	273.365	
37712.051	41364.262	26.793	28.128	26.517	
1.018					
12/31/2015 5:00:00 AM	2692800.000	121.366	20.377	273.388	
37687.969	41338.234	26.775	28.110	26.534	
1.018					
12/31/2015 5:15:00 AM	2693700.000	121.362	20.374	273.381	
37706.234	41360.609	26.791	28.125	26.521	

1.018					
12/31/2015 5:30:00 AM	2694600.000	121.387	20.375	273.437	
37739.344	41395.789	26.816	28.149	26.498	
1.018					
12/31/2015 5:45:00 AM	2695500.000	121.376	20.377	273.411	
37712.656	41365.074	26.794	28.128	26.516	
1.018					
12/31/2015 6:00:00 AM	2696400.000	121.350	20.377	273.352	
37719.242	41372.754	26.799	28.133	26.512	
1.018					
12/31/2015 6:15:00 AM	2697300.000	121.351	20.376	273.356	
37703.992	41356.629	26.788	28.123	26.522	
1.018					
12/31/2015 6:30:00 AM	2698200.000	121.351	20.379	273.356	
37719.809	41371.637	26.799	28.133	26.511	
1.018					
12/31/2015 6:45:00 AM	2699100.000	121.328	20.379	273.304	
37729.340	41381.707	26.806	28.140	26.505	
1.018					
12/31/2015 7:00:00 AM	2700000.000	121.315	20.377	273.273	
37718.801	41372.270	26.799	28.133	26.512	
1.018					
12/31/2015 7:15:00 AM	2700900.000	121.321	20.377	273.287	
37714.227	41367.254	26.795	28.130	26.515	
1.018					
12/31/2015 7:30:00 AM	2701800.000	121.297	20.379	273.233	
37711.582	41362.461	26.792	28.126	26.517	
1.018					
12/31/2015 7:45:00 AM	2702700.000	121.315	20.381	273.274	
37731.840	41382.773	26.807	28.140	26.503	
1.018					
12/31/2015 8:00:00 AM	2703600.000	121.284	20.381	273.204	
37733.695	41384.656	26.808	28.142	26.502	
1.018					
12/31/2015 8:15:00 AM	2704500.000	121.302	20.381	273.245	
37705.473	41354.008	26.786	28.121	26.521	
1.018					
12/31/2015 8:30:00 AM	2705400.000	121.272	20.379	273.177	
37718.129	41369.258	26.797	28.131	26.512	
1.018					
12/31/2015 8:45:00 AM	2706300.000	121.282	20.382	273.200	
37716.742	41365.164	26.794	28.128	26.513	
1.018					
12/31/2015 9:00:00 AM	2707200.000	121.276	20.376	273.185	
37696.480	41348.090	26.782	28.117	26.528	
1.018					
12/31/2015 9:15:00 AM	2708100.000	121.241	20.382	273.107	
37746.984	41398.703	26.818	28.151	26.492	
1.018					
12/31/2015 9:30:00 AM	2709000.000	121.249	20.377	273.126	
37694.645	41345.172	26.780	28.115	26.529	
1.018					
12/31/2015 9:45:00 AM	2709900.000	121.236	20.379	273.095	
37725.289	41377.648	26.803	28.137	26.507	
1.018					
12/31/2015 10:00:00 AM	0.000	121.232	20.380	273.086	
37714.387	41364.547	26.794	28.128	26.515	

1.018				
12/31/2015 10:15:00 AM	900.000	121.227	20.383	273.076
37688.332	41332.871	26.771	28.106	26.533
1.018				
12/31/2015 10:30:00 AM	1800.000	121.223	20.378	273.067
37715.391	41367.090	26.795	28.130	26.514
1.018				
12/31/2015 10:45:00 AM	2700.000	121.229	20.379	273.080
37722.723	41374.523	26.801	28.135	26.509
1.018				
12/31/2015 11:00:00 AM	3600.000	121.256	20.380	273.142
37703.293	41352.609	26.785	28.120	26.523
1.018				
12/31/2015 11:15:00 AM	4500.000	121.237	20.373	273.097
37710.980	41366.871	26.795	28.129	26.517
1.018				
12/31/2015 11:30:00 AM	5400.000	121.241	20.380	273.107
37707.855	41356.926	26.788	28.123	26.520
1.018				
12/31/2015 11:45:00 AM	6300.000	121.276	20.381	273.185
37728.715	41379.043	26.804	28.138	26.505
1.018				
12/31/2015 12:00:00 PM	7200.000	121.255	20.380	273.139
37712.734	41362.805	26.792	28.127	26.516
1.018				
12/31/2015 12:15:00 PM	8100.000	121.262	20.378	273.154
37720.668	41373.027	26.800	28.134	26.511
1.018				
12/31/2015 12:30:00 PM	9000.000	121.291	20.383	273.220
37720.129	41368.418	26.796	28.131	26.511
1.018				
12/31/2015 12:45:00 PM	9900.000	121.275	20.381	273.184
37704.219	41352.250	26.785	28.120	26.522
1.018				
12/31/2015 1:00:00 PM	10800.000	121.272	20.373	273.177
37682.355	41335.551	26.773	28.108	26.538
1.018				
12/31/2015 1:15:00 PM	11700.000	121.322	20.374	273.290
37703.473	41357.434	26.788	28.123	26.523
1.018				
12/31/2015 1:30:00 PM	12600.000	121.292	20.379	273.223
37746.520	41400.852	26.820	28.153	26.493
1.018				
12/31/2015 1:45:00 PM	13500.000	121.295	20.374	273.230
37708.480	41362.762	26.792	28.127	26.519
1.018				
12/31/2015 2:00:00 PM	14400.000	121.308	20.374	273.259
37699.656	41353.922	26.786	28.121	26.525
1.018				
12/31/2015 2:15:00 PM	15300.000	121.310	20.379	273.263
37720.852	41372.164	26.799	28.133	26.511
1.018				
12/31/2015 2:30:00 PM	16200.000	121.311	20.379	273.265
37719.734	41370.785	26.798	28.132	26.511
1.018				
12/31/2015 2:45:00 PM	17100.000	121.318	20.381	273.280
37716.773	41366.176	26.795	28.129	26.513

1.018				
12/31/2015 3:00:00 PM	18000.000	121.327	20.379	273.301
37722.441	41374.285	26.801	28.135	26.509
1.018				
12/31/2015 3:15:00 PM	18900.000	121.348	20.378	273.348
37711.648	41362.832	26.792	28.127	26.517
1.018				
12/31/2015 3:30:00 PM	19800.000	121.320	20.381	273.284
37750.719	41403.250	26.822	28.154	26.490
1.018				
12/31/2015 3:45:00 PM	20700.000	121.321	20.377	273.287
37731.770	41386.188	26.809	28.143	26.503
1.018				
12/31/2015 4:00:00 PM	21600.000	121.311	20.381	273.265
37732.426	41383.188	26.807	28.141	26.502
1.018				
12/31/2015 4:15:00 PM	22500.000	121.310	20.379	273.263
37732.629	41385.387	26.809	28.142	26.502
1.018				
12/31/2015 4:30:00 PM	23400.000	121.300	20.379	273.240
37669.090	41315.926	26.759	28.095	26.547
1.018				
12/31/2015 4:45:00 PM	24300.000	121.302	20.379	273.244
37710.059	41360.559	26.791	28.125	26.518
1.018				
12/31/2015 5:00:00 PM	25200.000	121.295	20.383	273.230
37699.922	41346.023	26.780	28.115	26.525
1.018				
12/31/2015 5:15:00 PM	26100.000	121.284	20.381	273.204
37697.059	41344.398	26.779	28.114	26.527
1.018				
12/31/2015 5:30:00 PM	27000.000	121.274	20.381	273.182
37708.371	41356.660	26.788	28.123	26.519
1.018				
12/31/2015 5:45:00 PM	27900.000	121.260	20.380	273.149
37710.457	41360.086	26.790	28.125	26.518
1.018				
12/31/2015 6:00:00 PM	28800.000	121.245	20.379	273.117
37707.414	41358.043	26.789	28.123	26.520
1.018				
12/31/2015 6:15:00 PM	29700.000	121.229	20.376	273.080
37685.707	41336.199	26.773	28.109	26.535
1.018				
12/31/2015 6:30:00 PM	30600.000	121.238	20.382	273.099
37700.816	41348.070	26.782	28.117	26.525
1.018				
12/31/2015 6:45:00 PM	31500.000	121.195	20.383	273.005
37714.754	41362.367	26.792	28.126	26.515
1.018				
12/31/2015 7:00:00 PM	32400.000	121.176	20.381	272.960
37691.688	41338.586	26.775	28.110	26.531
1.018				
12/31/2015 7:15:00 PM	33300.000	121.167	20.381	272.940
37733.035	41384.164	26.808	28.141	26.502
1.018				
12/31/2015 7:30:00 PM	34200.000	121.168	20.378	272.943
37699.074	41349.645	26.783	28.118	26.526

1.018				
12/31/2015 7:45:00 PM	35100.000	121.121	20.375	272.837
37704.449	41358.121	26.789	28.124	26.522
1.018				
12/31/2015 8:00:00 PM	36000.000	121.133	20.382	272.864
37726.133	41375.379	26.801	28.135	26.507
1.018				
12/31/2015 8:15:00 PM	36900.000	121.082	20.381	272.750
37730.895	41381.816	26.806	28.140	26.503
1.018				
12/31/2015 8:30:00 PM	37800.000	121.083	20.387	272.752
37711.316	41354.879	26.787	28.121	26.517
1.018				
12/31/2015 8:45:00 PM	38700.000	121.100	20.380	272.791
37731.945	41383.578	26.807	28.141	26.503
1.018				
12/31/2015 9:00:00 PM	39600.000	121.085	20.386	272.755
37705.051	41349.383	26.783	28.118	26.522
1.018				
12/31/2015 9:15:00 PM	40500.000	121.082	20.383	272.750
37707.094	41353.969	26.786	28.121	26.520
1.018				
12/31/2015 9:30:00 PM	41400.000	121.065	20.385	272.711
37691.813	41335.617	26.773	28.108	26.531
1.018				
12/31/2015 9:45:00 PM	42300.000	121.035	20.381	272.643
37736.027	41387.293	26.810	28.143	26.500
1.018				
12/31/2015 10:00:00 PM	43200.000	121.068	20.381	272.717
37733.902	41385.191	26.808	28.142	26.501
1.018				
12/31/2015 10:15:00 PM	44100.000	121.035	20.386	272.643
37746.195	41394.039	26.815	28.148	26.493
1.018				
12/31/2015 10:30:00 PM	45000.000	121.058	20.383	272.696
37715.344	41362.641	26.792	28.127	26.514
1.018				
12/31/2015 10:45:00 PM	45900.000	121.045	20.378	272.667
37703.816	41354.395	26.786	28.121	26.523
1.018				
12/31/2015 11:00:00 PM	46800.000	121.043	20.388	272.660
37717.934	41361.152	26.791	28.126	26.513
1.018				
12/31/2015 11:15:00 PM	47700.000	121.061	20.382	272.701
37712.527	41361.066	26.791	28.126	26.516
1.018				
12/31/2015 11:30:00 PM	48600.000	121.053	20.381	272.684
37721.094	41370.914	26.798	28.132	26.510
1.018				
12/31/2015 11:45:00 PM	49500.000	121.095	20.385	272.777
37711.258	41356.492	26.788	28.122	26.517
1.018				
1/1/2016 12:00:00 AM	50400.000	121.099	20.381	272.786
37717.762	41367.262	26.796	28.130	26.513
1.018				
1/1/2016 12:15:00 AM	51300.000	121.081	20.376	272.747
37708.555	41361.559	26.791	28.126	26.519

1.018				
1/1/2016 12:30:00 AM	52200.000	121.089	20.378	272.765
37724.504	41377.004	26.803	28.136	26.508
1.018				
1/1/2016 12:45:00 AM	53100.000	121.137	20.378	272.874
37720.867	41373.246	26.800	28.134	26.511
1.018				
1/1/2016 1:00:00 AM	54000.000	121.125	20.379	272.846
37716.996	41367.855	26.796	28.130	26.513
1.018				
1/1/2016 1:15:00 AM	54900.000	121.149	20.377	272.900
37718.195	41371.148	26.798	28.132	26.512
1.018				
1/1/2016 1:30:00 AM	55800.000	121.169	20.376	272.945
37710.848	41364.074	26.793	28.128	26.518
1.018				
1/1/2016 1:45:00 AM	56700.000	121.198	20.374	273.010
37739.441	41396.961	26.817	28.150	26.497
1.018				
1/1/2016 2:00:00 AM	57600.000	121.207	20.377	273.031
37698.785	41350.098	26.783	28.118	26.526
1.018				
1/1/2016 2:15:00 AM	58500.000	121.242	20.378	273.108
37723.309	41376.227	26.802	28.136	26.509
1.018				
1/1/2016 2:30:00 AM	59400.000	121.230	20.377	273.082
37715.402	41368.238	26.796	28.130	26.514
1.018				
1/1/2016 2:45:00 AM	60300.000	121.249	20.379	273.126
37720.398	41371.516	26.799	28.133	26.511
1.018				
1/1/2016 3:00:00 AM	61200.000	121.275	20.380	273.184
37712.547	41362.305	26.792	28.126	26.516
1.018				
1/1/2016 3:15:00 AM	62100.000	121.288	20.375	273.213
37713.109	41367.012	26.795	28.130	26.516
1.018				
1/1/2016 3:30:00 AM	63000.000	121.323	20.375	273.291
37746.465	41404.355	26.822	28.155	26.493
1.018				
1/1/2016 3:45:00 AM	63900.000	121.344	20.374	273.340
37695.578	41348.922	26.782	28.117	26.528
1.018				
1/1/2016 4:00:00 AM	64800.000	121.325	20.377	273.296
37762.332	41419.336	26.833	28.165	26.481
1.018				
1/1/2016 4:15:00 AM	65700.000	121.343	20.376	273.337
37712.262	41365.777	26.794	28.129	26.517
1.018				
1/1/2016 4:30:00 AM	66600.000	121.342	20.374	273.335
37717.844	41373.574	26.800	28.134	26.513
1.018				
1/1/2016 4:45:00 AM	67500.000	121.363	20.377	273.383
37715.543	41368.477	26.796	28.131	26.514
1.018				
1/1/2016 5:00:00 AM	68400.000	121.376	20.375	273.411
37736.836	41393.793	26.814	28.148	26.499

1.018				
1/1/2016 5:15:00 AM	69300.000	121.365	20.376	273.386
37711.887	41365.445	26.794	28.129	26.517
1.018				
1/1/2016 5:30:00 AM	70200.000	121.362	20.375	273.381
37707.227	41360.863	26.791	28.125	26.520
1.018				
1/1/2016 5:45:00 AM	71100.000	121.393	20.382	273.449
37714.516	41363.012	26.793	28.127	26.515
1.018				
1/1/2016 6:00:00 AM	72000.000	121.354	20.378	273.362
37725.984	41378.625	26.804	28.137	26.507
1.018				
1/1/2016 6:15:00 AM	72900.000	121.365	20.378	273.386
37721.488	41374.008	26.800	28.134	26.510
1.018				
1/1/2016 6:30:00 AM	73800.000	121.381	20.377	273.422
37727.164	41380.762	26.805	28.139	26.506
1.018				
1/1/2016 6:45:00 AM	74700.000	121.361	20.378	273.378
37729.969	41383.230	26.807	28.141	26.504
1.018				
1/1/2016 7:00:00 AM	75600.000	121.339	20.377	273.327
37714.758	41367.379	26.796	28.130	26.515
1.018				
1/1/2016 7:15:00 AM	76500.000	121.342	20.382	273.335
37739.547	41390.465	26.812	28.146	26.497
1.018				
1/1/2016 7:30:00 AM	77400.000	121.315	20.382	273.275
37733.332	41383.434	26.807	28.141	26.502
1.018				
1/1/2016 7:45:00 AM	78300.000	121.336	20.382	273.321
37741.813	41393.184	26.814	28.147	26.496
1.018				
1/1/2016 8:00:00 AM	79200.000	121.306	20.378	273.254
37688.684	41338.324	26.775	28.110	26.533
1.018				
1/1/2016 8:15:00 AM	80100.000	121.293	20.381	273.224
37701.168	41348.684	26.782	28.117	26.524
1.018				
1/1/2016 8:30:00 AM	81000.000	121.281	20.379	273.197
37754.063	41408.512	26.825	28.158	26.487
1.018				
1/1/2016 8:45:00 AM	81900.000	121.293	20.382	273.224
37723.926	41373.043	26.800	28.134	26.508
1.018				
1/1/2016 9:00:00 AM	82800.000	121.263	20.383	273.157
37725.926	41374.098	26.801	28.134	26.507
1.018				
1/1/2016 9:15:00 AM	83700.000	121.246	20.381	273.119
37741.219	41392.832	26.814	28.147	26.496
1.018				
1/1/2016 9:30:00 AM	84600.000	121.238	20.382	273.101
37708.777	41356.801	26.788	28.123	26.519
1.018				
1/1/2016 9:45:00 AM	85500.000	121.229	20.382	273.080
37741.676	41392.965	26.814	28.147	26.496

1.018				
1/1/2016 10:00:00 AM	86400.000	121.242	20.385	273.108
37710.113	41355.391	26.787	28.122	26.518
1.018				
1/1/2016 10:15:00 AM	87300.000	121.215	20.379	273.048
37708.402	41358.668	26.789	28.124	26.519
1.018				
1/1/2016 10:30:00 AM	88200.000	121.227	20.379	273.075
37749.004	41403.730	26.822	28.155	26.491
1.018				
1/1/2016 10:45:00 AM	89100.000	121.200	20.377	273.014
37702.805	41354.348	26.786	28.121	26.523
1.018				
1/1/2016 11:00:00 AM	90000.000	121.192	20.383	272.997
37723.766	41372.332	26.799	28.133	26.508
1.018				
1/1/2016 11:15:00 AM	90900.000	121.216	20.382	273.051
37733.520	41384.090	26.808	28.141	26.502
1.018				
1/1/2016 11:30:00 AM	91800.000	121.221	20.380	273.062
37705.387	41354.449	26.786	28.121	26.521
1.018				
1/1/2016 11:45:00 AM	92700.000	121.193	20.377	272.999
37710.582	41362.500	26.792	28.127	26.518
1.018				
1/1/2016 12:00:00 PM	93600.000	121.188	20.377	272.989
37710.578	41363.105	26.792	28.127	26.518
1.018				
1/1/2016 12:15:00 PM	94500.000	121.193	20.380	272.999
37738.910	41391.219	26.813	28.146	26.498
1.018				
1/1/2016 12:30:00 PM	95400.000	121.193	20.377	272.999
37704.734	41356.914	26.788	28.123	26.522
1.018				
1/1/2016 12:45:00 PM	96300.000	121.201	20.379	273.017
37710.836	41361.027	26.791	28.125	26.518
1.018				
1/1/2016 1:00:00 PM	97200.000	121.212	20.380	273.042
37726.645	41377.531	26.803	28.137	26.506
1.018				
1/1/2016 1:15:00 PM	98100.000	121.205	20.380	273.026
37741.211	41393.965	26.815	28.148	26.496
1.018				
1/1/2016 1:30:00 PM	99000.000	121.238	20.381	273.101
37747.957	41400.758	26.820	28.153	26.492
1.018				
1/1/2016 1:45:00 PM	99900.000	121.218	20.378	273.055
37727.164	41380.152	26.805	28.139	26.506
1.018				
1/1/2016 2:00:00 PM	100800.000	121.222	20.377	273.065
37742.613	41398.391	26.818	28.151	26.495
1.018				
1/1/2016 2:15:00 PM	101700.000	121.227	20.383	273.076
37703.578	41350.113	26.783	28.118	26.523
1.018				
1/1/2016 2:30:00 PM	102600.000	121.227	20.381	273.077
37705.477	41354.094	26.786	28.121	26.521

1.018				
1/1/2016 2:45:00 PM	103500.000	121.246	20.380	273.119
37713.152	41363.266	26.793	28.127	26.516
1.018				
1/1/2016 3:00:00 PM	104400.000	121.278	20.379	273.190
37736.941	41389.660	26.812	28.145	26.499
1.018				
1/1/2016 3:15:00 PM	105300.000	121.245	20.377	273.117
37742.816	41398.613	26.818	28.151	26.495
1.018				
1/1/2016 3:30:00 PM	106200.000	121.257	20.376	273.144
37742.051	41398.375	26.818	28.151	26.496
1.018				
1/1/2016 3:45:00 PM	107100.000	121.263	20.378	273.157
37734.090	41387.676	26.810	28.144	26.501
1.018				
1/1/2016 4:00:00 PM	108000.000	121.259	20.381	273.147
37723.953	41373.746	26.800	28.134	26.508
1.018				
1/1/2016 4:15:00 PM	108900.000	121.263	20.379	273.157
37723.355	41374.832	26.801	28.135	26.509
1.018				
1/1/2016 4:30:00 PM	109800.000	121.259	20.379	273.147
37716.195	41367.289	26.796	28.130	26.514
1.018				
1/1/2016 4:45:00 PM	110700.000	121.265	20.383	273.162
37706.773	41353.699	26.786	28.121	26.520
1.018				
1/1/2016 5:00:00 PM	111600.000	121.260	20.381	273.149
37729.371	41379.914	26.805	28.138	26.505
1.018				
1/1/2016 5:15:00 PM	112500.000	121.272	20.378	273.177
37765.441	41421.984	26.835	28.167	26.479
1.018				
1/1/2016 5:30:00 PM	113400.000	121.272	20.380	273.178
37724.793	41376.188	26.802	28.136	26.508
1.018				
1/1/2016 5:45:00 PM	114300.000	121.266	20.382	273.164
37761.133	41414.141	26.829	28.162	26.482
1.018				
1/1/2016 6:00:00 PM	115200.000	121.254	20.382	273.137
37749.375	41401.410	26.820	28.153	26.491
1.018				
1/1/2016 6:15:00 PM	116100.000	121.277	20.379	273.188
37709.102	41359.199	26.790	28.124	26.519
1.018				
1/1/2016 6:30:00 PM	117000.000	121.242	20.377	273.110
37721.910	41375.375	26.801	28.135	26.510
1.018				
1/1/2016 6:45:00 PM	117900.000	121.252	20.380	273.131
37717.762	41368.551	26.796	28.131	26.513
1.018				
1/1/2016 7:00:00 PM	118800.000	121.229	20.376	273.080
37703.984	41356.320	26.788	28.122	26.522
1.018				
1/1/2016 7:15:00 PM	119700.000	121.206	20.381	273.029
37703.492	41351.766	26.784	28.119	26.523

1.018				
1/1/2016 7:30:00 PM	120600.000	121.200	20.385	273.014
37744.102	41393.047	26.814	28.147	26.494
1.018				
1/1/2016 7:45:00 PM	121500.000	121.188	20.375	272.989
37722.293	41377.391	26.803	28.137	26.510
1.018				
1/1/2016 8:00:00 PM	122400.000	121.194	20.376	273.002
37746.789	41403.496	26.821	28.154	26.492
1.018				
1/1/2016 8:15:00 PM	123300.000	121.162	20.379	272.930
37713.250	41363.676	26.793	28.127	26.516
1.018				
1/1/2016 8:30:00 PM	124200.000	121.154	20.385	272.912
37722.230	41368.977	26.797	28.131	26.510
1.018				
1/1/2016 8:45:00 PM	125100.000	121.140	20.383	272.880
37713.055	41360.813	26.791	28.125	26.516
1.018				
1/1/2016 9:00:00 PM	126000.000	121.152	20.385	272.907
37713.090	41358.879	26.790	28.124	26.516
1.018				
1/1/2016 9:15:00 PM	126900.000	121.146	20.377	272.892
37727.336	41380.879	26.805	28.139	26.506
1.018				
1/1/2016 9:30:00 PM	127800.000	121.108	20.376	272.807
37702.594	41355.406	26.787	28.122	26.523
1.018				
1/1/2016 9:45:00 PM	128700.000	121.104	20.383	272.798
37761.168	41413.195	26.829	28.161	26.482
1.018				
1/1/2016 10:00:00 PM	129600.000	121.094	20.386	272.776
37714.453	41359.313	26.790	28.124	26.515
1.018				
1/1/2016 10:15:00 PM	130500.000	121.117	20.382	272.827
37744.598	41395.715	26.816	28.149	26.494
1.018				
1/1/2016 10:30:00 PM	131400.000	121.110	20.382	272.811
37720.629	41369.645	26.797	28.131	26.511
1.018				
1/1/2016 10:45:00 PM	132300.000	121.096	20.381	272.781
37713.938	41363.219	26.793	28.127	26.515
1.018				
1/1/2016 11:00:00 PM	133200.000	121.088	20.388	272.762
37732.414	41377.566	26.803	28.137	26.502
1.018				
1/1/2016 11:15:00 PM	134100.000	121.093	20.382	272.773
37747.676	41399.164	26.819	28.151	26.492
1.018				
1/1/2016 11:30:00 PM	135000.000	121.089	20.383	272.765
37737.707	41387.020	26.810	28.143	26.499
1.018				
1/1/2016 11:45:00 PM	135900.000	121.089	20.384	272.765
37731.074	41378.980	26.804	28.138	26.503
1.018				
1/2/2016 12:00:00 AM	136800.000	121.120	20.388	272.834
37728.570	41373.125	26.800	28.134	26.505

1.018				
1/2/2016 12:15:00 AM	137700.000	121.098	20.383	272.786
37725.215	41373.922	26.800	28.134	26.507
1.018				
1/2/2016 12:30:00 AM	138600.000	121.121	20.381	272.837
37743.852	41395.875	26.816	28.149	26.494
1.018				
1/2/2016 12:45:00 AM	139500.000	121.123	20.380	272.841
37739.406	41392.289	26.814	28.147	26.498
1.018				
1/2/2016 1:00:00 AM	140400.000	121.146	20.383	272.892
37727.930	41376.898	26.803	28.136	26.506
1.018				
1/2/2016 1:15:00 AM	141300.000	121.146	20.379	272.892
37718.109	41369.316	26.797	28.131	26.512
1.018				
1/2/2016 1:30:00 AM	142200.000	121.166	20.381	272.938
37722.422	41372.598	26.799	28.133	26.509
1.018				
1/2/2016 1:45:00 AM	143100.000	121.186	20.377	272.983
37735.090	41390.211	26.812	28.145	26.501
1.018				
1/2/2016 2:00:00 AM	144000.000	121.200	20.379	273.014
37757.273	41412.344	26.828	28.160	26.485
1.018				
1/2/2016 2:15:00 AM	144900.000	121.223	20.377	273.067
37704.941	41356.387	26.788	28.122	26.522
1.018				
1/2/2016 2:30:00 AM	145800.000	121.245	20.378	273.117
37703.258	41354.234	26.786	28.121	26.523
1.018				
1/2/2016 2:45:00 AM	146700.000	121.255	20.383	273.139
37767.840	41420.590	26.834	28.166	26.478
1.018				
1/2/2016 3:00:00 AM	147600.000	121.270	20.380	273.173
37738.129	41390.434	26.812	28.145	26.498
1.018				
1/2/2016 3:15:00 AM	148500.000	121.297	20.377	273.233
37722.699	41375.793	26.802	28.136	26.509
1.018				
1/2/2016 3:30:00 AM	149400.000	121.318	20.377	273.280
37730.523	41384.375	26.808	28.141	26.504
1.018				
1/2/2016 3:45:00 AM	150300.000	121.354	20.373	273.361
37717.746	41374.223	26.800	28.134	26.513
1.018				
1/2/2016 4:00:00 AM	151200.000	121.339	20.375	273.327
37734.234	41390.258	26.812	28.145	26.501
1.018				
1/2/2016 4:15:00 AM	152100.000	121.377	20.379	273.413
37744.430	41398.105	26.818	28.151	26.494
1.018				
1/2/2016 4:30:00 AM	153000.000	121.379	20.376	273.418
37718.027	41371.652	26.799	28.133	26.513
1.018				
1/2/2016 4:45:00 AM	153900.000	121.406	20.376	273.478
37715.621	41369.012	26.797	28.131	26.514

1.018				
1/2/2016 5:00:00 AM	154800.000	121.397	20.377	273.458
37737.738	41392.734	26.814	28.147	26.499
1.018				
1/2/2016 5:15:00 AM	155700.000	121.406	20.374	273.479
37718.051	41373.570	26.800	28.134	26.513
1.018				
1/2/2016 5:30:00 AM	156600.000	121.416	20.374	273.502
37750.566	41409.238	26.826	28.158	26.490
1.018				
1/2/2016 5:45:00 AM	157500.000	121.416	20.377	273.502
37732.730	41386.945	26.810	28.143	26.502
1.018				
1/2/2016 6:00:00 AM	158400.000	121.418	20.377	273.507
37724.406	41378.113	26.803	28.137	26.508
1.018				
1/2/2016 6:15:00 AM	159300.000	121.422	20.377	273.515
37716.172	41368.855	26.797	28.131	26.514
1.018				
1/2/2016 6:30:00 AM	160200.000	121.419	20.375	273.509
37723.367	41378.570	26.804	28.137	26.509
1.018				
1/2/2016 6:45:00 AM	161100.000	121.425	20.375	273.522
37691.637	41343.766	26.779	28.114	26.531
1.018				
1/2/2016 7:00:00 AM	162000.000	121.446	20.377	273.569
37745.477	41401.383	26.820	28.153	26.493
1.018				
1/2/2016 7:15:00 AM	162900.000	121.409	20.376	273.487
37728.262	41383.559	26.807	28.141	26.505
1.018				
1/2/2016 7:30:00 AM	163800.000	121.431	20.375	273.534
37712.570	41366.957	26.795	28.130	26.516
1.018				
1/2/2016 7:45:00 AM	164700.000	121.415	20.378	273.500
37731.082	41384.602	26.808	28.142	26.503
1.018				
1/2/2016 8:00:00 AM	165600.000	121.393	20.375	273.449
37752.828	41411.188	26.827	28.160	26.488
1.018				
1/2/2016 8:15:00 AM	166500.000	121.384	20.377	273.429
37745.785	41401.188	26.820	28.153	26.493
1.018				
1/2/2016 8:30:00 AM	167400.000	121.362	20.379	273.381
37736.539	41390.059	26.812	28.145	26.500
1.018				
1/2/2016 8:45:00 AM	168300.000	121.369	20.377	273.396
37748.785	41404.941	26.823	28.155	26.491
1.018				
1/2/2016 9:00:00 AM	169200.000	121.345	20.381	273.342
37720.137	41369.488	26.797	28.131	26.511
1.018				
1/2/2016 9:15:00 AM	170100.000	121.342	20.376	273.335
37729.363	41384.688	26.808	28.142	26.505
1.018				
1/2/2016 9:30:00 AM	171000.000	121.313	20.381	273.270
37726.973	41377.363	26.803	28.137	26.506

1.018				
1/2/2016 9:45:00 AM	171900.000	121.329	20.383	273.306
37736.672	41386.031	26.809	28.143	26.499
1.018				
1/2/2016 10:00:00 AM	172800.000	121.308	20.382	273.259
37725.570	41375.301	26.801	28.135	26.507
1.018				
1/2/2016 10:15:00 AM	173700.000	121.306	20.380	273.254
37739.316	41391.590	26.813	28.146	26.498
1.018				
1/2/2016 10:30:00 AM	174600.000	121.270	20.381	273.173
37724.156	41373.969	26.800	28.134	26.508
1.018				
1/2/2016 10:45:00 AM	175500.000	121.252	20.382	273.131
37709.258	41356.957	26.788	28.123	26.519
1.018				
1/2/2016 11:00:00 AM	176400.000	121.264	20.382	273.159
37739.063	41389.484	26.812	28.145	26.498
1.018				
1/2/2016 11:15:00 AM	177300.000	121.266	20.385	273.164
37757.535	41407.395	26.825	28.157	26.485
1.018				
1/2/2016 11:30:00 AM	178200.000	121.227	20.384	273.077
37718.902	41365.871	26.795	28.129	26.512
1.018				
1/2/2016 11:45:00 AM	179100.000	121.222	20.383	273.065
37738.406	41388.613	26.811	28.144	26.498
1.018				
1/2/2016 12:00:00 PM	180000.000	121.223	20.383	273.067
37725.125	41373.223	26.800	28.134	26.508
1.018				
1/2/2016 12:15:00 PM	180900.000	121.223	20.385	273.067
37723.934	41370.395	26.798	28.132	26.508
1.018				
1/2/2016 12:30:00 PM	181800.000	121.212	20.388	273.042
37740.488	41385.887	26.809	28.142	26.497
1.018				
1/2/2016 12:45:00 PM	182700.000	121.234	20.379	273.091
37734.355	41386.824	26.810	28.143	26.501
1.018				
1/2/2016 1:00:00 PM	183600.000	121.236	20.380	273.096
37698.426	41346.891	26.781	28.116	26.526
1.018				
1/2/2016 1:15:00 PM	184500.000	121.205	20.380	273.026
37731.035	41382.652	26.807	28.140	26.503
1.018				
1/2/2016 1:30:00 PM	185400.000	121.229	20.385	273.080
37768.066	41419.168	26.833	28.165	26.477
1.018				
1/2/2016 1:45:00 PM	186300.000	121.215	20.380	273.050
37728.066	41379.781	26.805	28.138	26.505
1.018				
1/2/2016 2:00:00 PM	187200.000	121.238	20.379	273.101
37714.637	41365.578	26.794	28.129	26.515
1.018				
1/2/2016 2:15:00 PM	188100.000	121.223	20.376	273.067
37708.902	41362.090	26.792	28.126	26.519

1.018				
1/2/2016 2:30:00 PM	189000.000	121.229	20.381	273.080
37719.785	41369.402	26.797	28.131	26.511
1.018				
1/2/2016 2:45:00 PM	189900.000	121.235	20.378	273.094
37721.559	41374.379	26.801	28.135	26.510
1.018				
1/2/2016 3:00:00 PM	190800.000	121.255	20.381	273.139
37712.996	41362.414	26.792	28.126	26.516
1.018				
1/2/2016 3:15:00 PM	191700.000	121.239	20.384	273.103
37726.754	41374.242	26.801	28.134	26.506
1.018				
1/2/2016 3:30:00 PM	192600.000	121.244	20.381	273.113
37716.160	41365.273	26.794	28.128	26.514
1.018				
1/2/2016 3:45:00 PM	193500.000	121.264	20.380	273.158
37731.035	41382.430	26.806	28.140	26.503
1.018				
1/2/2016 4:00:00 PM	194400.000	121.286	20.380	273.208
37724.836	41375.629	26.802	28.135	26.508
1.018				
1/2/2016 4:15:00 PM	195300.000	121.297	20.383	273.233
37741.816	41392.203	26.814	28.147	26.496
1.018				
1/2/2016 4:30:00 PM	196200.000	121.304	20.384	273.249
37720.656	41368.242	26.796	28.130	26.511
1.018				
1/2/2016 4:45:00 PM	197100.000	121.278	20.381	273.190
37737.270	41388.656	26.811	28.144	26.499
1.018				
1/2/2016 5:00:00 PM	198000.000	121.314	20.379	273.271
37728.609	41381.363	26.806	28.139	26.505
1.018				
1/2/2016 5:15:00 PM	198900.000	121.295	20.378	273.230
37735.578	41389.461	26.811	28.145	26.500
1.018				
1/2/2016 5:30:00 PM	199800.000	121.302	20.379	273.244
37722.723	41374.066	26.800	28.134	26.509
1.018				
1/2/2016 5:45:00 PM	200700.000	121.291	20.383	273.219
37746.684	41397.160	26.817	28.150	26.492
1.018				
1/2/2016 6:00:00 PM	201600.000	121.295	20.379	273.228
37732.266	41385.063	26.808	28.142	26.503
1.018				
1/2/2016 6:15:00 PM	202500.000	121.302	20.375	273.244
37754.328	41412.762	26.828	28.161	26.487
1.018				
1/2/2016 6:30:00 PM	203400.000	121.302	20.375	273.244
37735.215	41391.410	26.813	28.146	26.500
1.018				
1/2/2016 6:45:00 PM	204300.000	121.302	20.377	273.244
37742.387	41397.539	26.817	28.150	26.495
1.018				
1/2/2016 7:00:00 PM	205200.000	121.302	20.375	273.244
37768.523	41428.027	26.839	28.171	26.477

1.018				
1/2/2016 7:15:00 PM	206100.000	121.304	20.380	273.249
37742.281	41395.141	26.816	28.149	26.495
1.018				
1/2/2016 7:30:00 PM	207000.000	121.279	20.378	273.194
37736.445	41390.637	26.812	28.146	26.500
1.018				
1/2/2016 7:45:00 PM	207900.000	121.282	20.376	273.198
37712.219	41365.883	26.794	28.129	26.517
1.018				
1/2/2016 8:00:00 PM	208800.000	121.279	20.376	273.194
37729.719	41384.391	26.808	28.141	26.504
1.018				
1/2/2016 8:15:00 PM	209700.000	121.270	20.378	273.173
37738.375	41392.449	26.814	28.147	26.498
1.018				
1/2/2016 8:30:00 PM	210600.000	121.262	20.381	273.154
37756.219	41409.816	26.826	28.159	26.486
1.018				
1/2/2016 8:45:00 PM	211500.000	121.253	20.379	273.134
37741.492	41395.180	26.816	28.149	26.496
1.018				
1/2/2016 9:00:00 PM	212400.000	121.237	20.384	273.097
37708.449	41354.242	26.786	28.121	26.519
1.018				
1/2/2016 9:15:00 PM	213300.000	121.223	20.383	273.067
37736.953	41386.563	26.810	28.143	26.499
1.018				
1/2/2016 9:30:00 PM	214200.000	121.238	20.378	273.101
37737.867	41392.195	26.813	28.147	26.499
1.018				
1/2/2016 9:45:00 PM	215100.000	121.218	20.383	273.055
37737.004	41386.691	26.810	28.143	26.499
1.018				
1/2/2016 10:00:00 PM	216000.000	121.198	20.379	273.011
37716.613	41367.438	26.796	28.130	26.514
1.018				
1/2/2016 10:15:00 PM	216900.000	121.203	20.378	273.022
37748.293	41403.406	26.822	28.154	26.491
1.018				
1/2/2016 10:30:00 PM	217800.000	121.187	20.375	272.985
37718.535	41372.965	26.800	28.134	26.512
1.018				
1/2/2016 10:45:00 PM	218700.000	121.211	20.380	273.040
37740.680	41393.688	26.815	28.148	26.497
1.018				
1/2/2016 11:00:00 PM	219600.000	121.191	20.381	272.994
37713.957	41363.316	26.793	28.127	26.515
1.018				
1/2/2016 11:15:00 PM	220500.000	121.178	20.378	272.965
37718.305	41370.586	26.798	28.132	26.512
1.018				
1/2/2016 11:30:00 PM	221400.000	121.210	20.381	273.036
37728.371	41378.738	26.804	28.138	26.505
1.018				
1/2/2016 11:45:00 PM	222300.000	121.176	20.378	272.960
37743.773	41398.297	26.818	28.151	26.494

1.018				
1/3/2016 12:00:00 AM	223200.000	121.186	20.378	272.983
37725.672	41378.891	26.804	28.138	26.507
1.018				
1/3/2016 12:15:00 AM	224100.000	121.191	20.377	272.994
37747.309	41403.008	26.821	28.154	26.492
1.018				
1/3/2016 12:30:00 AM	225000.000	121.220	20.378	273.060
37757.516	41413.594	26.829	28.161	26.485
1.018				
1/3/2016 12:45:00 AM	225900.000	121.220	20.388	273.060
37729.016	41373.840	26.801	28.134	26.505
1.018				
1/3/2016 1:00:00 AM	226800.000	121.235	20.381	273.093
37715.727	41364.949	26.794	28.128	26.514
1.018				
1/3/2016 1:15:00 AM	227700.000	121.216	20.375	273.052
37721.793	41376.770	26.802	28.136	26.510
1.018				
1/3/2016 1:30:00 AM	228600.000	121.235	20.379	273.094
37770.832	41427.520	26.839	28.171	26.475
1.018				
1/3/2016 1:45:00 AM	229500.000	121.247	20.377	273.121
37744.188	41399.586	26.819	28.152	26.494
1.018				
1/3/2016 2:00:00 AM	230400.000	121.249	20.381	273.126
37740.848	41393.031	26.814	28.147	26.496
1.018				
1/3/2016 2:15:00 AM	231300.000	121.286	20.379	273.208
37748.961	41403.152	26.821	28.154	26.491
1.018				
1/3/2016 2:30:00 AM	232200.000	121.308	20.382	273.259
37737.480	41388.281	26.811	28.144	26.499
1.018				
1/3/2016 2:45:00 AM	233100.000	121.291	20.377	273.219
37728.223	41382.074	26.806	28.140	26.505
1.018				
1/3/2016 3:00:00 AM	234000.000	121.320	20.385	273.284
37761.645	41412.199	26.828	28.160	26.482
1.018				
1/3/2016 3:15:00 AM	234900.000	121.324	20.377	273.294
37717.297	41370.242	26.798	28.132	26.513
1.018				
1/3/2016 3:30:00 AM	235800.000	121.372	20.378	273.401
37712.066	41363.672	26.793	28.127	26.517
1.018				
1/3/2016 3:45:00 AM	236700.000	121.369	20.377	273.396
37770.332	41428.109	26.839	28.171	26.476
1.018				
1/3/2016 4:00:00 AM	237600.000	121.389	20.374	273.442
37736.023	41393.141	26.814	28.147	26.500
1.018				
1/3/2016 4:15:00 AM	238500.000	121.397	20.375	273.458
37743.238	41400.816	26.820	28.153	26.495
1.018				
1/3/2016 4:30:00 AM	239400.000	121.415	20.377	273.500
37740.441	41395.629	26.816	28.149	26.497

1.018				
1/3/2016 4:45:00 AM	240300.000	121.440	20.368	273.556
37716.785	41377.492	26.803	28.137	26.513
1.018				
1/3/2016 5:00:00 AM	241200.000	121.444	20.376	273.565
37727.883	41383.145	26.807	28.141	26.506
1.018				
1/3/2016 5:15:00 AM	242100.000	121.469	20.377	273.622
37779.430	41438.391	26.847	28.178	26.469
1.018				
1/3/2016 5:30:00 AM	243000.000	121.473	20.379	273.630
37744.332	41398.297	26.818	28.151	26.494
1.018				
1/3/2016 5:45:00 AM	243900.000	121.495	20.376	273.680
37721.848	41375.754	26.802	28.136	26.510
1.018				
1/3/2016 6:00:00 AM	244800.000	121.513	20.377	273.721
37756.527	41413.195	26.829	28.161	26.485
1.018				
1/3/2016 6:15:00 AM	245700.000	121.504	20.371	273.700
37723.918	41382.367	26.806	28.140	26.508
1.018				
1/3/2016 6:30:00 AM	246600.000	121.511	20.382	273.716
37763.680	41416.559	26.831	28.163	26.480
1.018				
1/3/2016 6:45:00 AM	247500.000	121.508	20.372	273.708
37706.453	41363.121	26.792	28.127	26.521
1.018				
1/3/2016 7:00:00 AM	248400.000	121.525	20.372	273.748
37741.242	41400.449	26.819	28.152	26.496
1.018				
1/3/2016 7:15:00 AM	249300.000	121.541	20.377	273.783
37755.121	41411.961	26.828	28.160	26.486
1.018				
1/3/2016 7:30:00 AM	250200.000	121.509	20.381	273.711
37727.836	41378.383	26.804	28.137	26.506
1.018				
1/3/2016 7:45:00 AM	251100.000	121.504	20.381	273.700
37777.738	41433.039	26.843	28.174	26.471
1.018				
1/3/2016 8:00:00 AM	252000.000	121.500	20.375	273.691
37742.430	41399.406	26.819	28.152	26.495
1.018				
1/3/2016 8:15:00 AM	252900.000	121.496	20.381	273.682
37716.016	41365.188	26.794	28.128	26.514
1.018				
1/3/2016 8:30:00 AM	253800.000	121.478	20.377	273.641
37714.508	41366.809	26.795	28.129	26.515
1.018				
1/3/2016 8:45:00 AM	254700.000	121.473	20.380	273.630
37751.000	41404.551	26.822	28.155	26.489
1.018				
1/3/2016 9:00:00 AM	255600.000	121.461	20.375	273.603
37725.434	41381.141	26.805	28.139	26.507
1.018				
1/3/2016 9:15:00 AM	256500.000	121.448	20.378	273.574
37727.633	41380.516	26.805	28.139	26.506

1.018				
1/3/2016 9:30:00 AM	257400.000	121.447	20.380	273.571
37782.379	41439.039	26.847	28.179	26.467
1.018				
1/3/2016 9:45:00 AM	258300.000	121.419	20.382	273.509
37731.754	41381.918	26.806	28.140	26.503
1.018				
1/3/2016 10:00:00 AM	259200.000	121.408	20.379	273.483
37727.145	41379.371	26.804	28.138	26.506
1.018				
1/3/2016 10:15:00 AM	260100.000	121.412	20.379	273.493
37751.074	41405.777	26.823	28.156	26.489
1.018				
1/3/2016 10:30:00 AM	261000.000	121.374	20.376	273.407
37734.004	41389.707	26.812	28.145	26.501
1.018				
1/3/2016 10:45:00 AM	261900.000	121.355	20.380	273.365
37766.598	41422.039	26.835	28.167	26.478
1.018				
1/3/2016 11:00:00 AM	262800.000	121.359	20.382	273.372
37760.234	41413.082	26.829	28.161	26.483
1.018				
1/3/2016 11:15:00 AM	263700.000	121.331	20.382	273.310
37752.961	41405.344	26.823	28.156	26.488
1.018				
1/3/2016 11:30:00 AM	264600.000	121.336	20.382	273.321
37730.066	41379.543	26.804	28.138	26.504
1.018				
1/3/2016 11:45:00 AM	265500.000	121.297	20.378	273.233
37739.020	41392.922	26.814	28.147	26.498
1.018				
1/3/2016 12:00:00 PM	266400.000	121.289	20.381	273.214
37725.125	41375.563	26.802	28.135	26.508
1.018				
1/3/2016 12:15:00 PM	267300.000	121.268	20.376	273.167
37748.516	41405.168	26.823	28.156	26.491
1.018				
1/3/2016 12:30:00 PM	268200.000	121.253	20.381	273.134
37736.449	41387.379	26.810	28.143	26.500
1.018				
1/3/2016 12:45:00 PM	269100.000	121.256	20.385	273.141
37746.359	41395.598	26.816	28.149	26.493
1.018				
1/3/2016 1:00:00 PM	270000.000	121.246	20.380	273.119
37745.109	41398.316	26.818	28.151	26.493
1.018				
1/3/2016 1:15:00 PM	270900.000	121.265	20.383	273.162
37738.984	41388.941	26.811	28.144	26.498
1.018				
1/3/2016 1:30:00 PM	271800.000	121.244	20.384	273.113
37741.328	41390.535	26.812	28.146	26.496
1.018				
1/3/2016 1:45:00 PM	272700.000	121.238	20.383	273.101
37728.055	41376.730	26.802	28.136	26.505
1.018				
1/3/2016 2:00:00 PM	273600.000	121.227	20.383	273.077
37723.754	41371.719	26.799	28.133	26.508

1.018				
1/3/2016 2:15:00 PM	274500.000	121.258	20.382	273.145
37752.516	41404.398	26.822	28.155	26.488
1.018				
1/3/2016 2:30:00 PM	275400.000	121.259	20.383	273.149
37732.156	41381.535	26.806	28.139	26.503
1.018				
1/3/2016 2:45:00 PM	276300.000	121.261	20.381	273.153
37750.234	41403.102	26.821	28.154	26.490
1.018				
1/3/2016 3:00:00 PM	277200.000	121.242	20.378	273.110
37736.039	41390.262	26.812	28.145	26.500
1.018				
1/3/2016 3:15:00 PM	278100.000	121.266	20.380	273.164
37723.953	41375.270	26.801	28.135	26.508
1.018				
1/3/2016 3:30:00 PM	279000.000	121.280	20.381	273.195
37734.215	41385.004	26.808	28.142	26.501
1.018				
1/3/2016 3:45:00 PM	279900.000	121.291	20.379	273.220
37733.625	41386.172	26.809	28.143	26.502
1.018				
1/3/2016 4:00:00 PM	280800.000	121.274	20.380	273.182
37744.730	41397.984	26.818	28.151	26.494
1.018				
1/3/2016 4:15:00 PM	281700.000	121.283	20.384	273.202
37766.984	41418.289	26.832	28.164	26.478
1.018				
1/3/2016 4:30:00 PM	282600.000	121.299	20.379	273.238
37742.063	41395.734	26.816	28.149	26.496
1.018				
1/3/2016 4:45:00 PM	283500.000	121.291	20.380	273.219
37732.680	41384.770	26.808	28.142	26.502
1.018				
1/3/2016 5:00:00 PM	284400.000	121.302	20.380	273.244
37739.684	41392.141	26.813	28.147	26.497
1.018				
1/3/2016 5:15:00 PM	285300.000	121.342	20.381	273.336
37752.617	41405.715	26.823	28.156	26.488
1.018				
1/3/2016 5:30:00 PM	286200.000	121.326	20.379	273.299
37736.766	41389.926	26.812	28.145	26.499
1.018				
1/3/2016 5:45:00 PM	287100.000	121.325	20.376	273.296
37728.074	41383.355	26.807	28.141	26.505
1.018				
1/3/2016 6:00:00 PM	288000.000	121.349	20.377	273.350
37731.543	41385.645	26.809	28.142	26.503
1.018				
1/3/2016 6:15:00 PM	288900.000	121.347	20.381	273.347
37701.738	41349.758	26.783	28.118	26.524
1.018				
1/3/2016 6:30:00 PM	289800.000	121.357	20.380	273.367
37724.711	41375.410	26.801	28.135	26.508
1.018				
1/3/2016 6:45:00 PM	290700.000	121.354	20.379	273.362
37735.262	41387.816	26.810	28.144	26.500

1.018				
1/3/2016 7:00:00 PM	291600.000	121.382	20.381	273.424
37757.008	41410.531	26.827	28.159	26.485
1.018				
1/3/2016 7:15:00 PM	292500.000	121.366	20.374	273.390
37741.375	41399.227	26.818	28.151	26.496
1.018				
1/3/2016 7:30:00 PM	293400.000	121.362	20.377	273.381
37723.496	41377.422	26.803	28.137	26.509
1.018				
1/3/2016 7:45:00 PM	294300.000	121.358	20.377	273.370
37741.859	41396.879	26.817	28.150	26.496
1.018				
1/3/2016 8:00:00 PM	295200.000	121.358	20.379	273.370
37733.996	41386.961	26.810	28.143	26.501
1.018				
1/3/2016 8:15:00 PM	296100.000	121.363	20.378	273.383
37708.070	41359.512	26.790	28.124	26.520
1.018				
1/3/2016 8:30:00 PM	297000.000	121.360	20.379	273.375
37685.211	41333.074	26.771	28.106	26.536
1.018				
1/3/2016 8:45:00 PM	297900.000	121.353	20.375	273.360
37745.133	41402.289	26.821	28.154	26.493
1.018				
1/3/2016 9:00:00 PM	298800.000	121.366	20.378	273.388
37721.941	41374.578	26.801	28.135	26.510
1.018				
1/3/2016 9:15:00 PM	299700.000	121.347	20.377	273.347
37714.867	41367.273	26.795	28.130	26.515
1.018				
1/3/2016 9:30:00 PM	300600.000	121.342	20.378	273.335
37761.098	41417.828	26.832	28.164	26.482
1.018				
1/3/2016 9:45:00 PM	301500.000	121.330	20.378	273.307
37733.211	41386.785	26.810	28.143	26.502
1.018				
1/3/2016 10:00:00 PM	302400.000	121.335	20.380	273.319
37695.863	41344.531	26.779	28.114	26.528
1.018				
1/3/2016 10:15:00 PM	303300.000	121.321	20.383	273.287
37760.754	41412.738	26.828	28.161	26.483
1.018				
1/3/2016 10:30:00 PM	304200.000	121.342	20.380	273.336
37734.117	41385.809	26.809	28.142	26.501
1.018				
1/3/2016 10:45:00 PM	305100.000	121.331	20.383	273.310
37726.727	41375.805	26.802	28.136	26.506
1.018				
1/3/2016 11:00:00 PM	306000.000	121.304	20.380	273.249
37779.148	41435.352	26.845	28.176	26.470
1.018				
1/3/2016 11:15:00 PM	306900.000	121.295	20.379	273.230
37709.660	41360.047	26.790	28.125	26.518
1.018				
1/3/2016 11:30:00 PM	307800.000	121.322	20.383	273.290
37736.770	41386.066	26.809	28.143	26.499

1.018				
1/3/2016 11:45:00 PM	308700.000	121.289	20.380	273.214
37715.719	41365.551	26.794	28.129	26.514
1.018				
1/4/2016 12:00:00 AM	309600.000	121.292	20.381	273.223
37748.102	41400.379	26.819	28.152	26.491
1.018				
1/4/2016 12:15:00 AM	310500.000	121.286	20.378	273.209
37750.578	41405.602	26.823	28.156	26.490
1.018				
1/4/2016 12:30:00 AM	311400.000	121.290	20.379	273.218
37740.195	41393.688	26.815	28.148	26.497
1.018				
1/4/2016 12:45:00 AM	312300.000	121.323	20.378	273.291
37730.590	41383.910	26.807	28.141	26.504
1.018				
1/4/2016 1:00:00 AM	313200.000	121.307	20.381	273.255
37717.797	41366.996	26.795	28.130	26.513
1.018				
1/4/2016 1:15:00 AM	314100.000	121.324	20.383	273.295
37703.414	41349.484	26.783	28.118	26.523
1.018				
1/4/2016 1:30:00 AM	315000.000	121.329	20.384	273.306
37689.602	41333.879	26.772	28.107	26.533
1.018				
1/4/2016 1:45:00 AM	315900.000	121.322	20.382	273.289
37732.168	41382.539	26.807	28.140	26.503
1.018				
1/4/2016 2:00:00 AM	316800.000	121.325	20.379	273.296
37742.453	41396.547	26.817	28.150	26.495
1.018				
1/4/2016 2:15:00 AM	317700.000	121.340	20.379	273.330
37750.945	41405.402	26.823	28.156	26.489
1.018				
1/4/2016 2:30:00 AM	318600.000	121.339	20.380	273.327
37727.867	41379.254	26.804	28.138	26.506
1.018				
1/4/2016 2:45:00 AM	319500.000	121.366	20.378	273.390
37713.328	41365.211	26.794	28.128	26.516
1.018				
1/4/2016 3:00:00 AM	320400.000	121.384	20.381	273.429
37746.414	41398.605	26.818	28.151	26.493
1.018				
1/4/2016 3:15:00 AM	321300.000	121.401	20.377	273.468
37715.262	41367.859	26.796	28.130	26.514
1.018				
1/4/2016 3:30:00 AM	322200.000	121.422	20.377	273.515
37746.766	41403.016	26.821	28.154	26.492
1.018				
1/4/2016 3:45:00 AM	323100.000	121.435	20.376	273.543
37743.047	41399.094	26.818	28.151	26.495
1.018				
1/4/2016 4:00:00 AM	324000.000	121.452	20.377	273.583
37744.266	41399.895	26.819	28.152	26.494
1.018				
1/4/2016 4:15:00 AM	324900.000	121.477	20.377	273.640
37745.871	41401.891	26.820	28.153	26.493

1.018				
1/4/2016 4:30:00 AM	325800.000	121.505	20.374	273.702
37710.066	41364.668	26.794	28.128	26.518
1.018				
1/4/2016 4:45:00 AM	326700.000	121.505	20.375	273.702
37731.859	41388.113	26.810	28.144	26.503
1.018				
1/4/2016 5:00:00 AM	327600.000	121.523	20.374	273.742
37747.770	41405.859	26.823	28.156	26.492
1.018				
1/4/2016 5:15:00 AM	328500.000	121.534	20.374	273.766
37753.723	41413.227	26.828	28.161	26.487
1.018				
1/4/2016 5:30:00 AM	329400.000	121.559	20.376	273.823
37725.539	41380.496	26.805	28.139	26.507
1.018				
1/4/2016 5:45:00 AM	330300.000	121.568	20.376	273.844
37759.246	41416.863	26.831	28.163	26.484
1.018				
1/4/2016 6:00:00 AM	331200.000	121.580	20.372	273.870
37738.988	41398.742	26.818	28.151	26.498
1.018				
1/4/2016 6:15:00 AM	332100.000	121.597	20.372	273.909
37741.480	41400.793	26.819	28.153	26.496
1.018				
1/4/2016 6:30:00 AM	333000.000	121.608	20.371	273.934
37716.672	41374.418	26.800	28.135	26.513
1.018				
1/4/2016 6:45:00 AM	333900.000	121.606	20.373	273.930
37705.094	41360.645	26.791	28.125	26.522
1.018				
1/4/2016 7:00:00 AM	334800.000	121.628	20.371	273.978
37716.813	41375.102	26.801	28.135	26.513
1.018				
1/4/2016 7:15:00 AM	335700.000	121.634	20.376	273.993
37783.684	41443.668	26.850	28.182	26.466
1.018				
1/4/2016 7:30:00 AM	336600.000	121.614	20.374	273.947
37717.430	41373.344	26.800	28.134	26.513
1.018				
1/4/2016 7:45:00 AM	337500.000	121.614	20.375	273.947
37722.121	41376.898	26.802	28.136	26.510
1.018				
1/4/2016 8:00:00 AM	338400.000	121.615	20.377	273.950
37701.949	41353.480	26.786	28.120	26.524
1.018				
1/4/2016 8:15:00 AM	339300.000	121.611	20.379	273.940
37744.012	41397.945	26.818	28.151	26.494
1.018				
1/4/2016 8:30:00 AM	340200.000	121.602	20.378	273.920
37703.656	41354.297	26.786	28.121	26.523
1.018				
1/4/2016 8:45:00 AM	341100.000	121.588	20.375	273.889
37739.227	41396.270	26.816	28.149	26.498
1.018				
1/4/2016 9:00:00 AM	342000.000	121.582	20.379	273.875
37741.070	41394.188	26.815	28.148	26.496

1.018				
1/4/2016 9:15:00 AM	342900.000	121.578	20.374	273.866
37707.414	41362.047	26.792	28.126	26.520
1.018				
1/4/2016 9:30:00 AM	343800.000	121.559	20.378	273.823
37725.445	41378.117	26.803	28.137	26.507
1.018				
1/4/2016 9:45:00 AM	344700.000	121.536	20.381	273.772
37759.301	41412.738	26.828	28.161	26.484
1.018				
1/4/2016 10:00:00 AM	345600.000	121.523	20.377	273.743
37756.613	41412.988	26.828	28.161	26.485
1.018				
1/4/2016 10:15:00 AM	346500.000	121.513	20.376	273.721
37735.094	41390.820	26.812	28.146	26.501
1.018				
1/4/2016 10:30:00 AM	347400.000	121.484	20.379	273.655
37726.246	41378.387	26.804	28.137	26.507
1.018				
1/4/2016 10:45:00 AM	348300.000	121.480	20.379	273.646
37748.641	41403.262	26.821	28.154	26.491
1.018				
1/4/2016 11:00:00 AM	349200.000	121.460	20.383	273.601
37752.289	41403.012	26.821	28.154	26.488
1.018				
1/4/2016 11:15:00 AM	350100.000	121.431	20.382	273.534
37715.727	41364.195	26.793	28.128	26.514
1.018				
1/4/2016 11:30:00 AM	351000.000	121.437	20.386	273.549
37728.297	41374.945	26.801	28.135	26.505
1.018				
1/4/2016 11:45:00 AM	351900.000	121.394	20.383	273.452
37737.324	41386.672	26.810	28.143	26.499
1.018				
1/4/2016 12:00:00 PM	352800.000	121.366	20.387	273.390
37745.848	41393.133	26.814	28.147	26.493
1.018				
1/4/2016 12:15:00 PM	353700.000	121.382	20.388	273.424
37712.707	41355.957	26.788	28.122	26.516
1.018				
1/4/2016 12:30:00 PM	354600.000	121.336	20.387	273.321
37727.582	41373.027	26.800	28.134	26.506
1.018				
1/4/2016 12:45:00 PM	355500.000	121.317	20.384	273.279
37746.461	41396.543	26.817	28.150	26.493
1.018				
1/4/2016 1:00:00 PM	356400.000	121.326	20.389	273.299
37738.082	41382.273	26.807	28.140	26.498
1.018				
1/4/2016 1:15:00 PM	357300.000	121.313	20.392	273.269
37792.859	41440.434	26.849	28.179	26.460
1.018				
1/4/2016 1:30:00 PM	358200.000	121.291	20.391	273.219
37747.215	41391.152	26.813	28.146	26.492
1.018				
1/4/2016 1:45:00 PM	359100.000	121.293	20.393	273.225
37722.512	41362.086	26.792	28.126	26.509

1.018				
1/4/2016 2:00:00 PM	360000.000	121.256	20.390	273.141
37734.109	41377.375	26.803	28.137	26.501
1.018				
1/4/2016 2:15:00 PM	360900.000	121.257	20.392	273.144
37738.723	41380.391	26.805	28.139	26.498
1.018				
1/4/2016 2:30:00 PM	361800.000	121.256	20.386	273.141
37756.398	41405.539	26.823	28.156	26.486
1.018				
1/4/2016 2:45:00 PM	362700.000	121.246	20.384	273.119
37743.680	41393.418	26.815	28.148	26.495
1.018				
1/4/2016 3:00:00 PM	363600.000	121.255	20.387	273.139
37713.805	41357.766	26.789	28.123	26.515
1.018				
1/4/2016 3:15:00 PM	364500.000	121.257	20.387	273.144
37716.066	41360.090	26.791	28.125	26.514
1.018				
1/4/2016 3:30:00 PM	365400.000	121.250	20.385	273.128
37708.949	41354.188	26.786	28.121	26.519
1.018				
1/4/2016 3:45:00 PM	366300.000	121.264	20.387	273.158
37751.582	41399.348	26.819	28.152	26.489
1.018				
1/4/2016 4:00:00 PM	367200.000	121.270	20.387	273.173
37714.348	41358.660	26.790	28.124	26.515
1.018				
1/4/2016 4:15:00 PM	368100.000	121.269	20.391	273.169
37768.195	41414.230	26.830	28.162	26.477
1.018				
1/4/2016 4:30:00 PM	369000.000	121.298	20.388	273.236
37739.832	41385.773	26.809	28.142	26.497
1.018				
1/4/2016 4:45:00 PM	369900.000	121.313	20.385	273.269
37760.504	41411.035	26.827	28.160	26.483
1.018				
1/4/2016 5:00:00 PM	370800.000	121.308	20.388	273.259
37745.656	41391.480	26.813	28.146	26.493
1.018				
1/4/2016 5:15:00 PM	371700.000	121.334	20.386	273.316
37764.508	41413.906	26.829	28.161	26.480
1.018				
1/4/2016 5:30:00 PM	372600.000	121.335	20.381	273.319
37758.449	41411.727	26.828	28.160	26.484
1.018				
1/4/2016 5:45:00 PM	373500.000	121.331	20.378	273.310
37744.273	41398.617	26.818	28.151	26.494
1.018				
1/4/2016 6:00:00 PM	374400.000	121.349	20.378	273.350
37747.383	41402.328	26.821	28.154	26.492
1.018				
1/4/2016 6:15:00 PM	375300.000	121.375	20.378	273.410
37753.922	41409.582	26.826	28.159	26.487
1.018				
1/4/2016 6:30:00 PM	376200.000	121.376	20.378	273.412
37716.582	41368.625	26.796	28.131	26.514

1.018				
1/4/2016 6:45:00 PM	377100.000	121.384	20.375	273.429
37729.199	41384.965	26.808	28.142	26.505
1.018				
1/4/2016 7:00:00 PM	378000.000	121.385	20.378	273.431
37728.125	41381.512	26.806	28.139	26.505
1.018				
1/4/2016 7:15:00 PM	378900.000	121.398	20.377	273.461
37733.773	41388.313	26.811	28.144	26.501
1.018				
1/4/2016 7:30:00 PM	379800.000	121.410	20.372	273.489
37714.777	41372.254	26.799	28.133	26.515
1.018				
1/4/2016 7:45:00 PM	380700.000	121.417	20.372	273.504
37742.340	41402.262	26.820	28.154	26.495
1.018				
1/4/2016 8:00:00 PM	381600.000	121.412	20.376	273.492
37738.992	41395.180	26.816	28.149	26.498
1.018				
1/4/2016 8:15:00 PM	382500.000	121.439	20.376	273.553
37738.941	41395.273	26.816	28.149	26.498
1.018				
1/4/2016 8:30:00 PM	383400.000	121.428	20.375	273.527
37738.254	41395.348	26.816	28.149	26.498
1.018				
1/4/2016 8:45:00 PM	384300.000	121.453	20.376	273.586
37710.027	41363.480	26.793	28.127	26.518
1.018				
1/4/2016 9:00:00 PM	385200.000	121.430	20.376	273.532
37730.504	41385.563	26.809	28.142	26.504
1.018				
1/4/2016 9:15:00 PM	386100.000	121.441	20.380	273.558
37720.422	41371.086	26.798	28.132	26.511
1.018				
1/4/2016 9:30:00 PM	387000.000	121.431	20.375	273.534
37772.535	41432.652	26.842	28.174	26.474
1.018				
1/4/2016 9:45:00 PM	387900.000	121.425	20.375	273.522
37717.645	41372.059	26.799	28.133	26.513
1.018				
1/4/2016 10:00:00 PM	388800.000	121.417	20.374	273.504
37740.980	41398.578	26.818	28.151	26.496
1.018				
1/4/2016 10:15:00 PM	389700.000	121.433	20.380	273.540
37735.328	41387.586	26.810	28.144	26.500
1.018				
1/4/2016 10:30:00 PM	390600.000	121.415	20.379	273.500
37726.938	41379.000	26.804	28.138	26.506
1.018				
1/4/2016 10:45:00 PM	391500.000	121.435	20.382	273.543
37727.227	41377.035	26.803	28.136	26.506
1.018				
1/4/2016 11:00:00 PM	392400.000	121.405	20.378	273.477
37734.059	41387.414	26.810	28.143	26.501
1.018				
1/4/2016 11:15:00 PM	393300.000	121.410	20.378	273.489
37711.449	41363.293	26.793	28.127	26.517

1.018				
1/4/2016 11:30:00 PM	394200.000	121.395	20.380	273.454
37719.586	41370.098	26.798	28.132	26.511
1.018				
1/4/2016 11:45:00 PM	395100.000	121.414	20.375	273.498
37729.258	41385.031	26.808	28.142	26.505
1.018				
1/5/2016 12:00:00 AM	396000.000	121.392	20.381	273.447
37730.453	41381.332	26.806	28.139	26.504
1.018				
1/5/2016 12:15:00 AM	396900.000	121.383	20.381	273.427
37738.855	41390.551	26.812	28.146	26.498
1.018				
1/5/2016 12:30:00 AM	397800.000	121.389	20.378	273.442
37758.844	41415.277	26.830	28.162	26.484
1.018				
1/5/2016 12:45:00 AM	398700.000	121.380	20.382	273.421
37719.641	41368.488	26.797	28.131	26.511
1.018				
1/5/2016 1:00:00 AM	399600.000	121.392	20.378	273.447
37721.488	41373.777	26.800	28.134	26.510
1.018				
1/5/2016 1:15:00 AM	400500.000	121.397	20.379	273.458
37771.539	41428.449	26.840	28.171	26.475
1.018				
1/5/2016 1:30:00 AM	401400.000	121.404	20.381	273.474
37750.184	41402.891	26.821	28.154	26.490
1.018				
1/5/2016 1:45:00 AM	402300.000	121.415	20.379	273.500
37754.395	41408.801	26.825	28.158	26.487
1.018				
1/5/2016 2:00:00 AM	403200.000	121.409	20.377	273.487
37737.613	41392.758	26.814	28.147	26.499
1.018				
1/5/2016 2:15:00 AM	404100.000	121.436	20.378	273.545
37699.750	41350.012	26.783	28.118	26.525
1.018				
1/5/2016 2:30:00 AM	405000.000	121.446	20.378	273.569
37730.512	41384.059	26.808	28.141	26.504
1.018				
1/5/2016 2:45:00 AM	405900.000	121.437	20.375	273.550
37736.684	41392.941	26.814	28.147	26.499
1.018				
1/5/2016 3:00:00 AM	406800.000	121.447	20.379	273.571
37717.445	41368.430	26.796	28.131	26.513
1.018				
1/5/2016 3:15:00 AM	407700.000	121.464	20.377	273.610
37721.652	41374.715	26.801	28.135	26.510
1.018				
1/5/2016 3:30:00 AM	408600.000	121.471	20.373	273.626
37761.289	41421.602	26.834	28.167	26.482
1.018				
1/5/2016 3:45:00 AM	409500.000	121.516	20.377	273.727
37731.699	41385.734	26.809	28.142	26.503
1.018				
1/5/2016 4:00:00 AM	410400.000	121.508	20.376	273.708
37746.430	41403.488	26.821	28.154	26.493

1.018				
1/5/2016 4:15:00 AM	411300.000	121.534	20.376	273.766
37735.879	41391.531	26.813	28.146	26.500
1.018				
1/5/2016 4:30:00 AM	412200.000	121.550	20.379	273.803
37736.723	41389.730	26.812	28.145	26.499
1.018				
1/5/2016 4:45:00 AM	413100.000	121.568	20.376	273.844
37713.348	41367.051	26.795	28.130	26.516
1.018				
1/5/2016 5:00:00 AM	414000.000	121.584	20.375	273.881
37724.297	41379.965	26.805	28.138	26.508
1.018				
1/5/2016 5:15:00 AM	414900.000	121.611	20.376	273.941
37760.918	41419.066	26.833	28.165	26.482
1.018				
1/5/2016 5:30:00 AM	415800.000	121.636	20.375	273.998
37749.027	41406.410	26.824	28.156	26.491
1.018				
1/5/2016 5:45:00 AM	416700.000	121.650	20.373	274.028
37745.645	41404.520	26.822	28.155	26.493
1.018				
1/5/2016 6:00:00 AM	417600.000	121.667	20.377	274.067
37755.754	41412.422	26.828	28.160	26.486
1.018				
1/5/2016 6:15:00 AM	418500.000	121.681	20.377	274.098
37760.270	41417.754	26.832	28.164	26.483
1.018				
1/5/2016 6:30:00 AM	419400.000	121.697	20.377	274.134
37749.859	41405.805	26.823	28.156	26.490
1.018				
1/5/2016 6:45:00 AM	420300.000	121.736	20.379	274.222
37733.684	41386.086	26.809	28.143	26.502
1.018				
1/5/2016 7:00:00 AM	421200.000	121.733	20.370	274.217
37729.664	41389.656	26.811	28.145	26.504
1.018				
1/5/2016 7:15:00 AM	422100.000	121.743	20.374	274.237
37738.535	41396.109	26.816	28.149	26.498
1.018				
1/5/2016 7:30:00 AM	423000.000	121.746	20.372	274.244
37742.090	41401.758	26.820	28.153	26.496
1.018				
1/5/2016 7:45:00 AM	423900.000	121.744	20.374	274.240
37716.855	41372.258	26.799	28.133	26.513
1.018				
1/5/2016 8:00:00 AM	424800.000	121.754	20.372	274.262
37708.320	41364.418	26.793	28.128	26.519
1.018				
1/5/2016 8:15:00 AM	425700.000	121.748	20.374	274.250
37729.816	41386.332	26.809	28.143	26.504
1.018				
1/5/2016 8:30:00 AM	426600.000	121.740	20.380	274.232
37739.766	41392.230	26.814	28.147	26.497
1.018				
1/5/2016 8:45:00 AM	427500.000	121.751	20.370	274.257
37713.727	41372.246	26.799	28.133	26.516

1.018				
1/5/2016 9:00:00 AM	428400.000	121.760	20.374	274.276
37732.715	41389.801	26.812	28.145	26.502
1.018				
1/5/2016 9:15:00 AM	429300.000	121.736	20.373	274.221
37719.379	41375.867	26.802	28.136	26.512
1.018				
1/5/2016 9:30:00 AM	430200.000	121.717	20.377	274.178
37765.992	41423.887	26.836	28.168	26.479
1.018				
1/5/2016 9:45:00 AM	431100.000	121.703	20.375	274.148
37738.090	41394.563	26.815	28.148	26.498
1.018				
1/5/2016 10:00:00 AM	432000.000	121.694	20.372	274.128
37741.484	41401.094	26.820	28.153	26.496
1.018				
1/5/2016 10:15:00 AM	432900.000	121.665	20.374	274.063
37729.113	41385.707	26.809	28.142	26.505
1.018				
1/5/2016 10:30:00 AM	433800.000	121.649	20.376	274.026
37747.711	41404.285	26.822	28.155	26.492
1.018				
1/5/2016 10:45:00 AM	434700.000	121.628	20.378	273.978
37743.070	41397.367	26.817	28.150	26.495
1.018				
1/5/2016 11:00:00 AM	435600.000	121.609	20.375	273.936
37763.629	41423.184	26.836	28.168	26.481
1.018				
1/5/2016 11:15:00 AM	436500.000	121.572	20.377	273.854
37743.172	41398.930	26.818	28.151	26.495
1.018				
1/5/2016 11:30:00 AM	437400.000	121.559	20.381	273.823
37759.387	41413.363	26.829	28.161	26.483
1.018				
1/5/2016 11:45:00 AM	438300.000	121.530	20.386	273.758
37736.629	41383.477	26.807	28.141	26.499
1.018				
1/5/2016 12:00:00 PM	439200.000	121.530	20.382	273.758
37711.789	41359.879	26.790	28.125	26.517
1.018				
1/5/2016 12:15:00 PM	440100.000	121.485	20.382	273.657
37754.152	41406.719	26.824	28.157	26.487
1.018				
1/5/2016 12:30:00 PM	441000.000	121.493	20.385	273.676
37731.902	41379.508	26.805	28.138	26.503
1.018				
1/5/2016 12:45:00 PM	441900.000	121.464	20.387	273.609
37750.598	41397.957	26.818	28.151	26.490
1.018				
1/5/2016 1:00:00 PM	442800.000	121.417	20.390	273.504
37741.453	41385.656	26.809	28.142	26.496
1.018				
1/5/2016 1:15:00 PM	443700.000	121.428	20.388	273.529
37762.156	41410.027	26.827	28.159	26.482
1.018				
1/5/2016 1:30:00 PM	444600.000	121.401	20.392	273.467
37732.234	41373.738	26.801	28.134	26.503

1.018				
1/5/2016 1:45:00 PM	445500.000	121.378	20.397	273.416
37749.543	41387.938	26.811	28.144	26.490
1.018				
1/5/2016 2:00:00 PM	446400.000	121.339	20.390	273.327
37706.199	41346.770	26.781	28.116	26.521
1.018				
1/5/2016 2:15:00 PM	447300.000	121.326	20.391	273.299
37736.715	41379.637	26.805	28.138	26.499
1.018				
1/5/2016 2:30:00 PM	448200.000	121.325	20.397	273.296
37734.027	41371.297	26.799	28.132	26.501
1.018				
1/5/2016 2:45:00 PM	449100.000	121.313	20.399	273.269
37741.180	41377.473	26.804	28.137	26.496
1.018				
1/5/2016 3:00:00 PM	450000.000	121.318	20.400	273.281
37718.902	41351.910	26.785	28.119	26.512
1.018				
1/5/2016 3:15:00 PM	450900.000	121.313	20.394	273.269
37740.383	41380.914	26.806	28.139	26.497
1.018				
1/5/2016 3:30:00 PM	451800.000	121.311	20.398	273.266
37717.695	41352.707	26.786	28.120	26.513
1.018				
1/5/2016 3:45:00 PM	452700.000	121.306	20.399	273.254
37764.754	41403.316	26.822	28.154	26.480
1.018				
1/5/2016 4:00:00 PM	453600.000	121.289	20.391	273.214
37725.918	41367.184	26.796	28.130	26.507
1.018				
1/5/2016 4:15:00 PM	454500.000	121.288	20.389	273.213
37711.473	41353.238	26.786	28.120	26.517
1.018				
1/5/2016 4:30:00 PM	455400.000	121.286	20.386	273.209
37728.793	41375.340	26.802	28.135	26.505
1.018				
1/5/2016 4:45:00 PM	456300.000	121.327	20.392	273.300
37741.613	41383.715	26.808	28.141	26.496
1.018				
1/5/2016 5:00:00 PM	457200.000	121.307	20.393	273.255
37742.527	41384.035	26.808	28.141	26.495
1.018				
1/5/2016 5:15:00 PM	458100.000	121.338	20.387	273.325
37753.500	41401.219	26.820	28.153	26.488
1.018				
1/5/2016 5:30:00 PM	459000.000	121.328	20.386	273.304
37727.973	41374.289	26.801	28.135	26.506
1.018				
1/5/2016 5:45:00 PM	459900.000	121.335	20.388	273.319
37770.391	41418.988	26.833	28.165	26.476
1.018				
1/5/2016 6:00:00 PM	460800.000	121.354	20.390	273.362
37745.469	41390.289	26.812	28.145	26.493
1.018				
1/5/2016 6:15:00 PM	461700.000	121.361	20.384	273.378
37713.930	41360.414	26.791	28.125	26.515

1.018				
1/5/2016 6:30:00 PM	462600.000	121.367	20.388	273.392
37743.816	41389.613	26.812	28.145	26.494
1.018				
1/5/2016 6:45:00 PM	463500.000	121.393	20.384	273.449
37729.637	41377.477	26.803	28.137	26.504
1.018				
1/5/2016 7:00:00 PM	464400.000	121.390	20.388	273.443
37727.598	41371.602	26.799	28.133	26.506
1.018				
1/5/2016 7:15:00 PM	465300.000	121.439	20.385	273.553
37743.395	41392.113	26.814	28.147	26.495
1.018				
1/5/2016 7:30:00 PM	466200.000	121.416	20.384	273.502
37749.863	41399.898	26.819	28.152	26.490
1.018				
1/5/2016 7:45:00 PM	467100.000	121.437	20.382	273.548
37737.801	41388.406	26.811	28.144	26.499
1.018				
1/5/2016 8:00:00 PM	468000.000	121.448	20.379	273.574
37739.293	41392.473	26.814	28.147	26.498
1.018				
1/5/2016 8:15:00 PM	468900.000	121.453	20.377	273.586
37742.426	41398.039	26.818	28.151	26.495
1.018				
1/5/2016 8:30:00 PM	469800.000	121.467	20.380	273.617
37729.617	41381.324	26.806	28.139	26.504
1.018				
1/5/2016 8:45:00 PM	470700.000	121.466	20.379	273.615
37722.668	41374.078	26.800	28.134	26.509
1.018				
1/5/2016 9:00:00 PM	471600.000	121.493	20.381	273.676
37723.672	41374.121	26.801	28.134	26.509
1.018				
1/5/2016 9:15:00 PM	472500.000	121.498	20.382	273.686
37740.574	41391.758	26.813	28.146	26.497
1.018				
1/5/2016 9:30:00 PM	473400.000	121.482	20.376	273.650
37744.906	41401.207	26.820	28.153	26.494
1.018				
1/5/2016 9:45:00 PM	474300.000	121.498	20.382	273.686
37730.926	41380.563	26.805	28.139	26.503
1.018				
1/5/2016 10:00:00 PM	475200.000	121.482	20.379	273.650
37767.660	41423.664	26.836	28.168	26.478
1.018				
1/5/2016 10:15:00 PM	476100.000	121.505	20.376	273.702
37730.090	41385.105	26.808	28.142	26.504
1.018				
1/5/2016 10:30:00 PM	477000.000	121.503	20.376	273.698
37737.020	41392.707	26.814	28.147	26.499
1.018				
1/5/2016 10:45:00 PM	477900.000	121.469	20.376	273.620
37749.945	41406.734	26.824	28.157	26.490
1.018				
1/5/2016 11:00:00 PM	478800.000	121.473	20.377	273.630
37727.121	41380.938	26.805	28.139	26.506

1.018				
1/5/2016 11:15:00 PM	479700.000	121.458	20.376	273.596
37721.355	41375.672	26.801	28.135	26.510
1.018				
1/5/2016 11:30:00 PM	480600.000	121.486	20.382	273.659
37755.645	41407.906	26.825	28.157	26.486
1.018				
1/5/2016 11:45:00 PM	481500.000	121.456	20.380	273.591
37725.324	41376.316	26.802	28.136	26.507
1.018				
1/6/2016 12:00:00 AM	482400.000	121.450	20.380	273.579
37732.477	41384.090	26.808	28.141	26.502
1.018				
1/6/2016 12:15:00 AM	483300.000	121.442	20.381	273.560
37754.473	41407.445	26.825	28.157	26.487
1.018				
1/6/2016 12:30:00 AM	484200.000	121.448	20.379	273.574
37734.660	41387.391	26.810	28.143	26.501
1.018				
1/6/2016 12:45:00 AM	485100.000	121.441	20.385	273.558
37733.801	41381.824	26.806	28.140	26.501
1.018				
1/6/2016 1:00:00 AM	486000.000	121.435	20.380	273.543
37740.836	41393.715	26.815	28.148	26.496
1.018				
1/6/2016 1:15:00 AM	486900.000	121.441	20.382	273.558
37718.152	41366.855	26.795	28.129	26.512
1.018				
1/6/2016 1:30:00 AM	487800.000	121.441	20.380	273.558
37764.848	41419.891	26.833	28.166	26.480
1.018				
1/6/2016 1:45:00 AM	488700.000	121.470	20.380	273.623
37748.156	41401.434	26.820	28.153	26.491
1.018				
1/6/2016 2:00:00 AM	489600.000	121.442	20.379	273.560
37734.023	41387.227	26.810	28.143	26.501
1.018				
1/6/2016 2:15:00 AM	490500.000	121.448	20.382	273.574
37756.000	41408.438	26.825	28.158	26.486
1.018				
1/6/2016 2:30:00 AM	491400.000	121.452	20.383	273.583
37728.211	41376.680	26.802	28.136	26.505
1.018				
1/6/2016 2:45:00 AM	492300.000	121.463	20.379	273.608
37719.297	41370.766	26.798	28.132	26.512
1.018				
1/6/2016 3:00:00 AM	493200.000	121.485	20.384	273.657
37730.066	41377.949	26.803	28.137	26.504
1.018				
1/6/2016 3:15:00 AM	494100.000	121.499	20.382	273.688
37740.156	41390.988	26.813	28.146	26.497
1.018				
1/6/2016 3:30:00 AM	495000.000	121.496	20.381	273.682
37733.148	41384.363	26.808	28.141	26.502
1.018				
1/6/2016 3:45:00 AM	495900.000	121.528	20.382	273.754
37740.852	41391.750	26.813	28.146	26.496

1.018				
1/6/2016 4:00:00 AM	496800.000	121.525	20.382	273.747
37750.359	41401.875	26.821	28.153	26.490
1.018				
1/6/2016 4:15:00 AM	497700.000	121.541	20.377	273.782
37733.855	41388.180	26.811	28.144	26.501
1.018				
1/6/2016 4:30:00 AM	498600.000	121.576	20.376	273.861
37748.668	41405.484	26.823	28.156	26.491
1.018				
1/6/2016 4:45:00 AM	499500.000	121.573	20.380	273.856
37761.379	41416.008	26.831	28.163	26.482
1.018				
1/6/2016 5:00:00 AM	500400.000	121.601	20.375	273.918
37717.977	41372.582	26.799	28.133	26.513
1.018				
1/6/2016 5:15:00 AM	501300.000	121.623	20.375	273.967
37740.738	41397.773	26.817	28.150	26.497
1.018				
1/6/2016 5:30:00 AM	502200.000	121.670	20.376	274.073
37720.023	41374.289	26.800	28.135	26.511
1.018				
1/6/2016 5:45:00 AM	503100.000	121.653	20.375	274.036
37720.000	41374.805	26.801	28.135	26.511
1.018				
1/6/2016 6:00:00 AM	504000.000	121.682	20.375	274.101
37744.410	41401.730	26.820	28.153	26.494
1.018				
1/6/2016 6:15:00 AM	504900.000	121.723	20.373	274.192
37727.480	41384.516	26.808	28.141	26.506
1.018				
1/6/2016 6:30:00 AM	505800.000	121.717	20.378	274.178
37719.160	41371.070	26.798	28.132	26.512
1.018				
1/6/2016 6:45:00 AM	506700.000	121.733	20.373	274.217
37724.641	41382.168	26.806	28.140	26.508
1.018				
1/6/2016 7:00:00 AM	507600.000	121.751	20.373	274.255
37741.613	41400.402	26.819	28.152	26.496
1.018				
1/6/2016 7:15:00 AM	508500.000	121.767	20.372	274.292
37695.727	41350.750	26.783	28.119	26.528
1.018				
1/6/2016 7:30:00 AM	509400.000	121.780	20.372	274.321
37705.387	41361.652	26.791	28.126	26.521
1.018				
1/6/2016 7:45:00 AM	510300.000	121.791	20.370	274.346
37730.676	41391.145	26.812	28.146	26.504
1.018				
1/6/2016 8:00:00 AM	511200.000	121.822	20.377	274.416
37720.301	41373.988	26.800	28.134	26.511
1.018				
1/6/2016 8:15:00 AM	512100.000	121.805	20.377	274.377
37728.004	41381.762	26.806	28.140	26.506
1.018				
1/6/2016 8:30:00 AM	513000.000	121.808	20.376	274.384
37741.285	41397.844	26.817	28.151	26.496

1.018				
1/6/2016 8:45:00 AM	513900.000	121.812	20.377	274.393
37737.266	41391.770	26.813	28.146	26.499
1.018				
1/6/2016 9:00:00 AM	514800.000	121.827	20.377	274.426
37708.809	41361.383	26.791	28.126	26.519
1.018				
1/6/2016 9:15:00 AM	515700.000	121.800	20.375	274.367
37707.438	41360.789	26.791	28.125	26.520
1.018				
1/6/2016 9:30:00 AM	516600.000	121.788	20.377	274.338
37741.922	41396.875	26.817	28.150	26.496
1.018				
1/6/2016 9:45:00 AM	517500.000	121.785	20.376	274.333
37730.926	41386.023	26.809	28.142	26.503
1.018				
1/6/2016 10:00:00 AM	518400.000	121.778	20.377	274.317
37732.586	41387.465	26.810	28.143	26.502
1.018				
1/6/2016 10:15:00 AM	519300.000	121.760	20.372	274.276
37724.730	41382.492	26.806	28.140	26.508
1.018				
1/6/2016 10:30:00 AM	520200.000	121.738	20.376	274.226
37748.301	41405.082	26.823	28.155	26.491
1.018				
1/6/2016 10:45:00 AM	521100.000	121.720	20.383	274.186
37724.383	41372.480	26.799	28.133	26.508
1.018				
1/6/2016 11:00:00 AM	522000.000	121.729	20.377	274.206
37740.922	41395.777	26.816	28.149	26.496
1.018				
1/6/2016 11:15:00 AM	522900.000	121.697	20.379	274.135
37743.988	41398.230	26.818	28.151	26.494
1.018				
1/6/2016 11:30:00 AM	523800.000	121.653	20.376	274.036
37748.762	41405.660	26.823	28.156	26.491
1.018				
1/6/2016 11:45:00 AM	524700.000	121.656	20.379	274.042
37750.945	41405.250	26.823	28.156	26.489
1.018				
1/6/2016 12:00:00 PM	525600.000	121.601	20.386	273.918
37711.102	41355.340	26.787	28.122	26.517
1.018				
1/6/2016 12:15:00 PM	526500.000	121.605	20.384	273.927
37744.016	41393.555	26.815	28.148	26.494
1.018				
1/6/2016 12:30:00 PM	527400.000	121.559	20.381	273.823
37746.523	41398.805	26.818	28.151	26.493
1.018				
1/6/2016 12:45:00 PM	528300.000	121.517	20.390	273.728
37729.828	41373.137	26.800	28.134	26.504
1.018				
1/6/2016 1:00:00 PM	529200.000	121.525	20.392	273.747
37773.410	41419.180	26.833	28.165	26.474
1.018				
1/6/2016 1:15:00 PM	530100.000	121.489	20.383	273.666
37716.473	41364.176	26.793	28.128	26.514

1.018				
1/6/2016 1:30:00 PM	531000.000	121.455	20.391	273.589
37733.707	41375.957	26.802	28.136	26.502
1.018				
1/6/2016 1:45:00 PM	531900.000	121.426	20.389	273.525
37701.824	41342.805	26.778	28.113	26.524
1.018				
1/6/2016 2:00:00 PM	532800.000	121.406	20.393	273.479
37709.801	41348.445	26.782	28.117	26.518
1.018				
1/6/2016 2:15:00 PM	533700.000	121.411	20.393	273.490
37729.199	41369.418	26.798	28.131	26.505
1.018				
1/6/2016 2:30:00 PM	534600.000	121.387	20.390	273.437
37695.570	41335.113	26.773	28.108	26.528
1.018				
1/6/2016 2:45:00 PM	535500.000	121.347	20.397	273.347
37721.281	41357.176	26.789	28.123	26.510
1.018				
1/6/2016 3:00:00 PM	536400.000	121.364	20.397	273.384
37733.426	41371.020	26.799	28.132	26.502
1.018				
1/6/2016 3:15:00 PM	537300.000	121.340	20.403	273.330
37731.441	41363.305	26.794	28.127	26.503
1.018				
1/6/2016 3:30:00 PM	538200.000	121.336	20.401	273.321
37736.719	41370.914	26.799	28.132	26.499
1.018				
1/6/2016 3:45:00 PM	539100.000	121.317	20.397	273.279
37741.027	41378.898	26.805	28.138	26.496
1.018				
1/6/2016 4:00:00 PM	540000.000	121.302	20.392	273.244
37697.133	41335.012	26.773	28.108	26.527
1.018				
1/6/2016 4:15:00 PM	540900.000	121.306	20.391	273.254
37717.266	41357.855	26.789	28.123	26.513
1.018				
1/6/2016 4:30:00 PM	541800.000	121.295	20.396	273.228
37729.438	41366.789	26.796	28.129	26.505
1.018				
1/6/2016 4:45:00 PM	542700.000	121.313	20.391	273.269
37720.063	41361.297	26.792	28.126	26.511
1.018				
1/6/2016 5:00:00 PM	543600.000	121.311	20.395	273.265
37730.484	41369.078	26.797	28.131	26.504
1.018				
1/6/2016 5:15:00 PM	544500.000	121.313	20.392	273.269
37720.945	41361.359	26.792	28.126	26.510
1.018				
1/6/2016 5:30:00 PM	545400.000	121.327	20.390	273.301
37714.359	41355.563	26.788	28.122	26.515
1.018				
1/6/2016 5:45:00 PM	546300.000	121.369	20.385	273.396
37734.762	41382.719	26.807	28.140	26.501
1.018				
1/6/2016 6:00:00 PM	547200.000	121.381	20.389	273.422
37725.621	41368.754	26.797	28.131	26.507

1.018				
1/6/2016 6:15:00 PM	548100.000	121.366	20.390	273.390
37731.340	41374.797	26.801	28.135	26.503
1.018				
1/6/2016 6:30:00 PM	549000.000	121.401	20.386	273.467
37713.422	41358.563	26.790	28.124	26.516
1.018				
1/6/2016 6:45:00 PM	549900.000	121.398	20.388	273.461
37727.973	41372.238	26.799	28.133	26.506
1.018				
1/6/2016 7:00:00 PM	550800.000	121.426	20.385	273.524
37733.289	41380.574	26.805	28.139	26.502
1.018				
1/6/2016 7:15:00 PM	551700.000	121.428	20.388	273.527
37767.070	41415.266	26.830	28.162	26.478
1.018				
1/6/2016 7:30:00 PM	552600.000	121.443	20.386	273.563
37733.066	41379.875	26.805	28.138	26.502
1.018				
1/6/2016 7:45:00 PM	553500.000	121.459	20.383	273.599
37737.203	41386.910	26.810	28.143	26.499
1.018				
1/6/2016 8:00:00 PM	554400.000	121.493	20.386	273.676
37738.586	41385.695	26.809	28.142	26.498
1.018				
1/6/2016 8:15:00 PM	555300.000	121.484	20.385	273.655
37748.410	41397.238	26.817	28.150	26.491
1.018				
1/6/2016 8:30:00 PM	556200.000	121.519	20.381	273.733
37716.223	41365.344	26.794	28.128	26.514
1.018				
1/6/2016 8:45:00 PM	557100.000	121.510	20.385	273.713
37734.219	41381.676	26.806	28.140	26.501
1.018				
1/6/2016 9:00:00 PM	558000.000	121.522	20.383	273.739
37766.445	41418.836	26.833	28.165	26.479
1.018				
1/6/2016 9:15:00 PM	558900.000	121.534	20.384	273.766
37713.719	41360.020	26.791	28.125	26.516
1.018				
1/6/2016 9:30:00 PM	559800.000	121.538	20.385	273.777
37745.535	41394.383	26.815	28.148	26.493
1.018				
1/6/2016 9:45:00 PM	560700.000	121.566	20.379	273.839
37719.664	41371.020	26.798	28.132	26.511
1.018				
1/6/2016 10:00:00 PM	561600.000	121.546	20.380	273.794
37745.965	41399.102	26.818	28.151	26.493
1.018				
1/6/2016 10:15:00 PM	562500.000	121.588	20.375	273.889
37723.738	41378.672	26.804	28.137	26.509
1.018				
1/6/2016 10:30:00 PM	563400.000	121.555	20.379	273.814
37730.766	41383.727	26.807	28.141	26.504
1.018				
1/6/2016 10:45:00 PM	564300.000	121.561	20.380	273.828
37750.219	41404.148	26.822	28.155	26.490

1.018				
1/6/2016 11:00:00 PM	565200.000	121.580	20.378	273.871
37756.113	41411.984	26.828	28.160	26.486
1.018				
1/6/2016 11:15:00 PM	566100.000	121.588	20.379	273.889
37768.883	41424.766	26.837	28.169	26.477
1.018				
1/6/2016 11:30:00 PM	567000.000	121.555	20.380	273.814
37728.066	41379.094	26.804	28.138	26.505
1.018				
1/6/2016 11:45:00 PM	567900.000	121.556	20.382	273.818
37747.965	41399.781	26.819	28.152	26.491
1.018				

Report Date: 1/11/2016 11:31:12 AM
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_2016-01-07_11-08-16-850-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

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
1/3/2016 2:39:07 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 3:35:00 PM
1/7/2016 11:06:50 AM	Log Download - Used Battery: 31% Used Memory: 35% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 11:05:00 AM
1/11/2016 11:27:40 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl"

Log Data:

Record Count: 2029

Sensors: 2

1 - 399060: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time	Corrected	Corrected	Depth (ft)	Actual
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#: 399060	SN#: 399060	
SN#: 000000					
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)		

Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
12/31/2015 12:00:00 AM	2674800.000	73.004	17.981	166.400
28219.564	32588.318	20.520	22160.057	35.436
1.014	14.831			
12/31/2015 12:05:00 AM	2675100.000	73.004	17.981	166.399
28213.828	32581.881	20.515	22155.682	35.444
1.014	14.831			
12/31/2015 12:10:00 AM	2675400.000	73.030	17.980	166.459
28226.250	32596.664	20.526	22165.732	35.428
1.014	14.830			
12/31/2015 12:15:00 AM	2675700.000	73.012	17.981	166.417
28220.502	32589.713	20.521	22161.008	35.435
1.014	14.830			
12/31/2015 12:20:00 AM	2676000.000	73.032	17.981	166.463
28215.879	32584.373	20.517	22157.373	35.441
1.014	14.827			
12/31/2015 12:25:00 AM	2676300.000	73.039	17.981	166.479
28208.107	32575.531	20.511	22151.361	35.451
1.014	14.825			
12/31/2015 12:30:00 AM	2676600.000	73.026	17.981	166.450
28228.010	32598.572	20.527	22167.031	35.426
1.014	14.822			
12/31/2015 12:35:00 AM	2676900.000	73.019	17.981	166.433
28206.203	32573.332	20.509	22149.865	35.453
1.014	14.823			
12/31/2015 12:40:00 AM	2677200.000	73.027	17.980	166.450
28212.533	32580.955	20.515	22155.051	35.445
1.014	14.823			
12/31/2015 12:45:00 AM	2677500.000	73.025	17.981	166.446
28213.867	32582.184	20.516	22155.885	35.444
1.014	14.823			
12/31/2015 12:50:00 AM	2677800.000	73.050	17.980	166.503
28219.885	32589.314	20.521	22160.736	35.436
1.014	14.823			
12/31/2015 12:55:00 AM	2678100.000	73.050	17.981	166.505
28233.732	32605.055	20.531	22171.438	35.419
1.014	14.822			
12/31/2015 1:00:00 AM	2678400.000	73.055	17.980	166.516
28210.967	32579.080	20.513	22153.775	35.447
1.014	14.821			
12/31/2015 1:05:00 AM	2678700.000	73.053	17.981	166.509
28213.840	32581.768	20.515	22155.604	35.444
1.014	14.824			
12/31/2015 1:10:00 AM	2679000.000	73.033	17.981	166.466
28218.086	32586.986	20.519	22159.150	35.438
1.014	14.827			
12/31/2015 1:15:00 AM	2679300.000	73.053	17.981	166.510
28216.992	32585.660	20.518	22158.250	35.440
1.014	14.830			
12/31/2015 1:20:00 AM	2679600.000	73.052	17.981	166.507
28211.311	32579.039	20.513	22153.748	35.447
1.014	14.828			
12/31/2015 1:25:00 AM	2679900.000	73.037	17.980	166.474
28224.756	32595.004	20.524	22164.604	35.430

1.014	14.826				
12/31/2015 1:30:00 AM	2680200.000	73.063	17.981	166.533	
28221.996	32591.254	20.522	22162.055	35.433	
1.014	14.825				
12/31/2015 1:35:00 AM	2680500.000	73.067	17.981	166.542	
28218.912	32587.939	20.520	22159.799	35.437	
1.014	14.826				
12/31/2015 1:40:00 AM	2680800.000	73.065	17.981	166.537	
28205.059	32571.879	20.508	22148.879	35.455	
1.014	14.827				
12/31/2015 1:45:00 AM	2681100.000	73.071	17.980	166.551	
28205.924	32573.256	20.509	22149.814	35.454	
1.014	14.829				
12/31/2015 1:50:00 AM	2681400.000	73.069	17.981	166.548	
28225.053	32595.156	20.525	22164.707	35.430	
1.014	14.828				
12/31/2015 1:55:00 AM	2681700.000	73.051	17.981	166.506	
28212.420	32580.512	20.514	22154.748	35.445	
1.014	14.827				
12/31/2015 2:00:00 AM	2682000.000	73.075	17.981	166.560	
28216.119	32584.594	20.517	22157.523	35.441	
1.014	14.826				
12/31/2015 2:05:00 AM	2682300.000	73.062	17.981	166.531	
28200.320	32566.469	20.505	22145.201	35.461	
1.014	14.826				
12/31/2015 2:10:00 AM	2682600.000	73.080	17.981	166.572	
28218.785	32587.918	20.520	22159.787	35.437	
1.014	14.826				
12/31/2015 2:15:00 AM	2682900.000	73.061	17.981	166.529	
28208.041	32575.197	20.511	22151.137	35.451	
1.014	14.826				
12/31/2015 2:20:00 AM	2683200.000	73.084	17.981	166.580	
28228.994	32599.395	20.528	22167.590	35.425	
1.014	14.827				
12/31/2015 2:25:00 AM	2683500.000	73.070	17.981	166.549	
28205.322	32572.184	20.509	22149.088	35.454	
1.014	14.828				
12/31/2015 2:30:00 AM	2683800.000	73.091	17.981	166.596	
28212.783	32580.361	20.514	22154.648	35.445	
1.014	14.829				
12/31/2015 2:35:00 AM	2684100.000	73.087	17.981	166.589	
28217.684	32586.273	20.518	22158.666	35.439	
1.014	14.831				
12/31/2015 2:40:00 AM	2684400.000	73.067	17.981	166.543	
28206.623	32573.627	20.510	22150.068	35.453	
1.014	14.833				
12/31/2015 2:45:00 AM	2684700.000	73.091	17.980	166.596	
28207.209	32574.676	20.510	22150.779	35.452	
1.014	14.835				
12/31/2015 2:50:00 AM	2685000.000	73.094	17.981	166.604	
28205.525	32572.549	20.509	22149.336	35.454	
1.014	14.833				
12/31/2015 2:55:00 AM	2685300.000	73.076	17.981	166.563	
28208.008	32575.416	20.511	22151.285	35.451	
1.014	14.831				
12/31/2015 3:00:00 AM	2685600.000	73.098	17.981	166.612	
28204.166	32570.910	20.508	22148.221	35.456	
1.014	14.828				

12/31/2015 3:05:00 AM	2685900.000	73.102	17.981	166.621
28221.998	32591.441	20.522	22162.180	35.433
1.014	14.828			
12/31/2015 3:10:00 AM	2686200.000	73.106	17.981	166.632
28209.973	32577.553	20.512	22152.736	35.448
1.014	14.827			
12/31/2015 3:15:00 AM	2686500.000	73.090	17.981	166.594
28224.982	32594.703	20.524	22164.400	35.430
1.014	14.827			
12/31/2015 3:20:00 AM	2686800.000	73.106	17.981	166.631
28211.061	32578.873	20.513	22153.635	35.447
1.014	14.828			
12/31/2015 3:25:00 AM	2687100.000	73.095	17.981	166.605
28201.225	32567.268	20.505	22145.742	35.459
1.014	14.828			
12/31/2015 3:30:00 AM	2687400.000	73.088	17.981	166.589
28222.313	32591.803	20.522	22162.426	35.433
1.014	14.829			
12/31/2015 3:35:00 AM	2687700.000	73.104	17.981	166.627
28228.576	32598.979	20.527	22167.305	35.425
1.014	14.830			
12/31/2015 3:40:00 AM	2688000.000	73.094	17.981	166.604
28221.604	32590.926	20.522	22161.830	35.434
1.014	14.831			
12/31/2015 3:45:00 AM	2688300.000	73.088	17.981	166.591
28217.344	32586.008	20.518	22158.488	35.439
1.014	14.833			
12/31/2015 3:50:00 AM	2688600.000	73.115	17.981	166.651
28214.893	32583.176	20.516	22156.561	35.442
1.014	14.830			
12/31/2015 3:55:00 AM	2688900.000	73.101	17.981	166.620
28214.451	32582.914	20.516	22156.381	35.443
1.014	14.827			
12/31/2015 4:00:00 AM	2689200.000	73.124	17.980	166.672
28216.758	32585.703	20.518	22158.279	35.440
1.014	14.825			
12/31/2015 4:05:00 AM	2689500.000	73.126	17.981	166.677
28216.311	32584.621	20.517	22157.543	35.440
1.014	14.825			
12/31/2015 4:10:00 AM	2689800.000	73.102	17.981	166.623
28208.273	32575.533	20.511	22151.365	35.451
1.014	14.826			
12/31/2015 4:15:00 AM	2690100.000	73.105	17.981	166.629
28233.787	32605.188	20.532	22171.527	35.419
1.014	14.826			
12/31/2015 4:20:00 AM	2690400.000	73.125	17.981	166.676
28216.354	32584.609	20.517	22157.535	35.440
1.014	14.825			
12/31/2015 4:25:00 AM	2690700.000	73.108	17.981	166.635
28234.273	32605.748	20.532	22171.910	35.418
1.014	14.824			
12/31/2015 4:30:00 AM	2691000.000	73.134	17.981	166.694
28216.730	32585.174	20.518	22157.918	35.440
1.014	14.823			
12/31/2015 4:35:00 AM	2691300.000	73.112	17.981	166.645
28216.500	32585.033	20.518	22157.824	35.440
1.014	14.824			

12/31/2015 4:40:00 AM	2691600.000	73.108	17.981	166.636
28206.867	32573.842	20.510	22150.213	35.452
1.014	14.825			
12/31/2015 4:45:00 AM	2691900.000	73.109	17.981	166.637
28223.438	32593.104	20.523	22163.311	35.432
1.014	14.826			
12/31/2015 4:50:00 AM	2692200.000	73.133	17.981	166.692
28216.586	32585.133	20.518	22157.893	35.440
1.014	14.825			
12/31/2015 4:55:00 AM	2692500.000	73.139	17.981	166.707
28209.727	32577.086	20.512	22152.418	35.449
1.014	14.824			
12/31/2015 5:00:00 AM	2692800.000	73.136	17.981	166.699
28212.504	32580.225	20.514	22154.555	35.445
1.014	14.823			
12/31/2015 5:05:00 AM	2693100.000	73.134	17.981	166.696
28207.320	32574.490	20.510	22150.656	35.452
1.014	14.825			
12/31/2015 5:10:00 AM	2693400.000	73.135	17.981	166.696
28204.227	32570.666	20.508	22148.055	35.456
1.014	14.828			
12/31/2015 5:15:00 AM	2693700.000	73.131	17.981	166.688
28219.408	32587.951	20.520	22159.807	35.437
1.014	14.830			
12/31/2015 5:20:00 AM	2694000.000	73.131	17.981	166.689
28217.455	32586.137	20.518	22158.572	35.439
1.014	14.830			
12/31/2015 5:25:00 AM	2694300.000	73.130	17.981	166.687
28210.217	32577.967	20.513	22153.020	35.448
1.014	14.830			
12/31/2015 5:30:00 AM	2694600.000	73.114	17.981	166.650
28210.172	32577.410	20.512	22152.639	35.448
1.014	14.829			
12/31/2015 5:35:00 AM	2694900.000	73.139	17.981	166.706
28206.818	32573.785	20.510	22150.176	35.452
1.014	14.828			
12/31/2015 5:40:00 AM	2695200.000	73.143	17.981	166.716
28198.650	32564.166	20.503	22143.635	35.463
1.014	14.827			
12/31/2015 5:45:00 AM	2695500.000	73.119	17.981	166.660
28208.400	32575.680	20.511	22151.465	35.450
1.014	14.825			
12/31/2015 5:50:00 AM	2695800.000	73.119	17.981	166.662
28203.033	32569.289	20.507	22147.117	35.457
1.014	14.826			
12/31/2015 5:55:00 AM	2696100.000	73.115	17.981	166.651
28203.518	32569.914	20.507	22147.543	35.457
1.014	14.826			
12/31/2015 6:00:00 AM	2696400.000	73.137	17.981	166.702
28222.932	32592.207	20.523	22162.703	35.432
1.014	14.827			
12/31/2015 6:05:00 AM	2696700.000	73.115	17.981	166.651
28195.100	32560.377	20.500	22141.059	35.467
1.014	14.825			
12/31/2015 6:10:00 AM	2697000.000	73.122	17.981	166.667
28206.209	32572.709	20.509	22149.443	35.453
1.014	14.823			
12/31/2015 6:15:00 AM	2697300.000	73.126	17.981	166.678

28207.779	32574.584	20.510	22150.719	35.451
1.014	14.821			
12/31/2015 6:20:00 AM	2697600.000	73.118	17.981	166.658
28216.434	32585.014	20.518	22157.811	35.440
1.014	14.823			
12/31/2015 6:25:00 AM	2697900.000	73.137	17.981	166.701
28217.174	32585.811	20.518	22158.352	35.439
1.014	14.826			
12/31/2015 6:30:00 AM	2698200.000	73.113	17.981	166.648
28206.000	32572.469	20.509	22149.281	35.453
1.014	14.828			
12/31/2015 6:35:00 AM	2698500.000	73.136	17.981	166.700
28214.977	32583.332	20.516	22156.668	35.442
1.014	14.827			
12/31/2015 6:40:00 AM	2698800.000	73.136	17.981	166.700
28216.492	32584.957	20.518	22157.771	35.440
1.014	14.826			
12/31/2015 6:45:00 AM	2699100.000	73.119	17.981	166.662
28212.703	32580.523	20.514	22154.756	35.445
1.014	14.825			
12/31/2015 6:50:00 AM	2699400.000	73.123	17.981	166.669
28205.768	32572.514	20.509	22149.309	35.454
1.014	14.823			
12/31/2015 6:55:00 AM	2699700.000	73.138	17.981	166.704
28219.930	32588.867	20.520	22160.432	35.436
1.014	14.822			
12/31/2015 7:00:00 AM	2700000.000	73.142	17.981	166.713
28223.033	32592.385	20.523	22162.822	35.432
1.014	14.820			
12/31/2015 7:05:00 AM	2700300.000	73.136	17.981	166.700
28199.939	32566.154	20.504	22144.984	35.461
1.014	14.825			
12/31/2015 7:10:00 AM	2700600.000	73.113	17.981	166.648
28208.488	32575.840	20.511	22151.572	35.450
1.014	14.829			
12/31/2015 7:15:00 AM	2700900.000	73.129	17.981	166.683
28188.559	32552.824	20.495	22135.922	35.475
1.014	14.834			
12/31/2015 7:20:00 AM	2701200.000	73.104	17.981	166.626
28228.174	32598.135	20.527	22166.732	35.426
1.014	14.832			
12/31/2015 7:25:00 AM	2701500.000	73.110	17.981	166.640
28210.236	32577.607	20.512	22152.775	35.448
1.014	14.831			
12/31/2015 7:30:00 AM	2701800.000	73.110	17.981	166.639
28226.975	32596.875	20.526	22165.877	35.427
1.014	14.829			
12/31/2015 7:35:00 AM	2702100.000	73.131	17.981	166.688
28210.348	32577.613	20.512	22152.779	35.448
1.014	14.828			
12/31/2015 7:40:00 AM	2702400.000	73.112	17.981	166.644
28213.074	32581.076	20.515	22155.135	35.445
1.014	14.826			
12/31/2015 7:45:00 AM	2702700.000	73.134	17.981	166.696
28207.779	32575.152	20.511	22151.104	35.451
1.014	14.825			
12/31/2015 7:50:00 AM	2703000.000	73.130	17.981	166.686

28214.004	32582.396	20.516	22156.031	35.443
1.014	14.826			
12/31/2015 7:55:00 AM	2703300.000	73.128	17.981	166.682
28202.164	32568.352	20.506	22146.479	35.458
1.014	14.827			
12/31/2015 8:00:00 AM	2703600.000	73.122	17.981	166.667
28207.646	32574.494	20.510	22150.658	35.451
1.014	14.828			
12/31/2015 8:05:00 AM	2703900.000	73.108	17.981	166.636
28205.752	32572.367	20.509	22149.211	35.454
1.014	14.828			
12/31/2015 8:10:00 AM	2704200.000	73.125	17.981	166.674
28211.826	32579.383	20.514	22153.982	35.446
1.014	14.827			
12/31/2015 8:15:00 AM	2704500.000	73.113	17.981	166.647
28211.936	32579.762	20.514	22154.240	35.446
1.014	14.827			
12/31/2015 8:20:00 AM	2704800.000	73.111	17.981	166.642
28212.520	32580.557	20.514	22154.779	35.445
1.014	14.826			
12/31/2015 8:25:00 AM	2705100.000	73.125	17.981	166.674
28213.516	32581.395	20.515	22155.348	35.444
1.014	14.824			
12/31/2015 8:30:00 AM	2705400.000	73.111	17.981	166.644
28207.797	32574.857	20.511	22150.904	35.451
1.014	14.823			
12/31/2015 8:35:00 AM	2705700.000	73.112	17.981	166.644
28222.650	32591.756	20.522	22162.395	35.433
1.014	14.826			
12/31/2015 8:40:00 AM	2706000.000	73.102	17.981	166.623
28207.416	32574.664	20.510	22150.771	35.452
1.014	14.828			
12/31/2015 8:45:00 AM	2706300.000	73.121	17.981	166.666
28207.938	32575.020	20.511	22151.014	35.451
1.014	14.831			
12/31/2015 8:50:00 AM	2706600.000	73.116	17.981	166.654
28222.654	32592.330	20.523	22162.787	35.433
1.014	14.834			
12/31/2015 8:55:00 AM	2706900.000	73.092	17.980	166.599
28209.711	32577.564	20.512	22152.744	35.449
1.014	14.836			
12/31/2015 9:00:00 AM	2707200.000	73.116	17.981	166.655
28218.416	32587.305	20.519	22159.369	35.438
1.014	14.838			
12/31/2015 9:05:00 AM	2707500.000	73.095	17.981	166.606
28218.141	32586.928	20.519	22159.113	35.438
1.014	14.836			
12/31/2015 9:10:00 AM	2707800.000	73.097	17.980	166.610
28214.002	32582.467	20.516	22156.078	35.443
1.014	14.834			
12/31/2015 9:15:00 AM	2708100.000	73.119	17.981	166.660
28221.717	32591.305	20.522	22162.088	35.434
1.014	14.832			
12/31/2015 9:20:00 AM	2708400.000	73.098	17.981	166.613
28196.863	32562.547	20.502	22142.533	35.465
1.014	14.832			
12/31/2015 9:25:00 AM	2708700.000	73.117	17.981	166.657
28208.555	32575.791	20.511	22151.541	35.450

1.014	14.832				
12/31/2015 9:30:00 AM	2709000.000	73.097	17.981	166.611	
28203.303	32570.039	20.507	22147.629	35.457	
1.014	14.833				
12/31/2015 9:35:00 AM	2709300.000	73.098	17.981	166.613	
28228.713	32598.822	20.527	22167.199	35.425	
1.014	14.834				
12/31/2015 9:40:00 AM	2709600.000	73.114	17.981	166.650	
28215.846	32584.152	20.517	22157.227	35.441	
1.014	14.836				
12/31/2015 9:45:00 AM	2709900.000	73.109	17.981	166.637	
28208.777	32576.115	20.511	22151.758	35.450	
1.014	14.838				
12/31/2015 9:50:00 AM	2710200.000	73.108	17.980	166.636	
28210.746	32578.826	20.513	22153.604	35.447	
1.014	14.840				
12/31/2015 9:55:00 AM	2710500.000	73.088	17.981	166.590	
28215.594	32583.861	20.517	22157.025	35.441	
1.014	14.842				
12/31/2015 10:00:00 AM	0.000	73.100	17.981	166.617	
28198.322	32564.100	20.503	22143.590	35.463	
1.014	14.845				
12/31/2015 10:05:00 AM	300.000	73.086	17.981	166.586	
28204.428	32571.281	20.508	22148.473	35.455	
1.014	14.843				
12/31/2015 10:10:00 AM	600.000	73.087	17.981	166.587	
28209.586	32577.107	20.512	22152.436	35.449	
1.014	14.842				
12/31/2015 10:15:00 AM	900.000	73.107	17.981	166.634	
28227.289	32597.738	20.526	22166.463	35.427	
1.014	14.840				
12/31/2015 10:20:00 AM	1200.000	73.104	17.981	166.626	
28192.719	32557.760	20.499	22139.279	35.470	
1.014	14.842				
12/31/2015 10:25:00 AM	1500.000	73.103	17.981	166.624	
28224.000	32593.752	20.524	22163.754	35.431	
1.014	14.843				
12/31/2015 10:30:00 AM	1800.000	73.082	17.981	166.575	
28212.609	32580.414	20.514	22154.682	35.445	
1.014	14.844				
12/31/2015 10:35:00 AM	2100.000	73.102	17.981	166.621	
28211.014	32578.943	20.513	22153.684	35.447	
1.014	14.840				
12/31/2015 10:40:00 AM	2400.000	73.107	17.981	166.633	
28214.820	32583.152	20.516	22156.543	35.442	
1.014	14.837				
12/31/2015 10:45:00 AM	2700.000	73.086	17.981	166.587	
28212.322	32580.330	20.514	22154.627	35.446	
1.014	14.834				
12/31/2015 10:50:00 AM	3000.000	73.108	17.980	166.636	
28201.918	32568.512	20.506	22146.590	35.459	
1.014	14.833				
12/31/2015 10:55:00 AM	3300.000	73.107	17.981	166.634	
28219.852	32588.836	20.520	22160.410	35.436	
1.014	14.833				
12/31/2015 11:00:00 AM	3600.000	73.090	17.981	166.596	
28220.465	32589.418	20.521	22160.807	35.435	

1.014	14.832				
12/31/2015 11:05:00 AM	3900.000	73.087	17.981	166.588	
28207.623	32574.840	20.511	22150.893	35.451	
1.014	14.832				
12/31/2015 11:10:00 AM	4200.000	73.090	17.981	166.594	
28200.010	32566.111	20.504	22144.957	35.461	
1.014	14.833				
12/31/2015 11:15:00 AM	4500.000	73.090	17.980	166.594	
28205.396	32572.648	20.509	22149.400	35.454	
1.014	14.833				
12/31/2015 11:20:00 AM	4800.000	73.089	17.981	166.591	
28225.387	32595.102	20.525	22164.672	35.429	
1.014	14.831				
12/31/2015 11:25:00 AM	5100.000	73.090	17.981	166.594	
28218.953	32587.799	20.519	22159.705	35.437	
1.014	14.829				
12/31/2015 11:30:00 AM	5400.000	73.110	17.981	166.640	
28203.760	32570.441	20.507	22147.902	35.456	
1.014	14.827				
12/31/2015 11:35:00 AM	5700.000	73.091	17.981	166.597	
28201.600	32567.758	20.506	22146.078	35.459	
1.014	14.827				
12/31/2015 11:40:00 AM	6000.000	73.108	17.981	166.636	
28226.301	32596.541	20.526	22165.648	35.428	
1.014	14.828				
12/31/2015 11:45:00 AM	6300.000	73.109	17.981	166.639	
28198.963	32564.654	20.503	22143.967	35.462	
1.014	14.829				
12/31/2015 11:50:00 AM	6600.000	73.092	17.981	166.598	
28205.434	32572.186	20.509	22149.088	35.454	
1.014	14.826				
12/31/2015 11:55:00 AM	6900.000	73.113	17.981	166.647	
28220.982	32590.268	20.521	22161.385	35.435	
1.014	14.823				
12/31/2015 12:00:00 PM	7200.000	73.113	17.981	166.647	
28212.104	32580.203	20.514	22154.541	35.446	
1.014	14.820				
12/31/2015 12:05:00 PM	7500.000	73.113	17.981	166.648	
28210.223	32577.592	20.512	22152.764	35.448	
1.014	14.818				
12/31/2015 12:10:00 PM	7800.000	73.099	17.980	166.615	
28207.195	32574.605	20.510	22150.734	35.452	
1.014	14.815				
12/31/2015 12:15:00 PM	8100.000	73.118	17.981	166.659	
28231.760	32602.777	20.530	22169.889	35.421	
1.014	14.812				
12/31/2015 12:20:00 PM	8400.000	73.114	17.981	166.650	
28210.154	32577.895	20.513	22152.969	35.448	
1.014	14.812				
12/31/2015 12:25:00 PM	8700.000	73.117	17.981	166.657	
28203.221	32569.697	20.507	22147.396	35.457	
1.014	14.811				
12/31/2015 12:30:00 PM	9000.000	73.116	17.981	166.653	
28221.359	32590.645	20.521	22161.641	35.434	
1.014	14.810				
12/31/2015 12:35:00 PM	9300.000	73.101	17.981	166.621	
28216.504	32585.037	20.518	22157.828	35.440	
1.014	14.809				

12/31/2015 12:40:00 PM	9600.000	73.126	17.981	166.676
28208.412	32575.625	20.511	22151.426	35.450
1.014	14.808			
12/31/2015 12:45:00 PM	9900.000	73.095	17.981	166.606
28215.426	32583.914	20.517	22157.064	35.442
1.014	14.807			
12/31/2015 12:50:00 PM	10200.000	73.122	17.980	166.667
28228.383	32599.074	20.527	22167.371	35.425
1.014	14.804			
12/31/2015 12:55:00 PM	10500.000	73.124	17.981	166.672
28221.207	32590.527	20.521	22161.561	35.434
1.014	14.802			
12/31/2015 1:00:00 PM	10800.000	73.106	17.981	166.632
28213.709	32581.932	20.515	22155.715	35.444
1.014	14.799			
12/31/2015 1:05:00 PM	11100.000	73.108	17.981	166.635
28213.641	32581.789	20.515	22155.619	35.444
1.014	14.801			
12/31/2015 1:10:00 PM	11400.000	73.123	17.981	166.669
28208.783	32576.242	20.511	22151.846	35.450
1.014	14.803			
12/31/2015 1:15:00 PM	11700.000	73.106	17.981	166.631
28207.080	32574.275	20.510	22150.510	35.452
1.014	14.804			
12/31/2015 1:20:00 PM	12000.000	73.122	17.981	166.667
28223.203	32592.965	20.523	22163.217	35.432
1.014	14.803			
12/31/2015 1:25:00 PM	12300.000	73.105	17.980	166.629
28200.414	32566.775	20.505	22145.408	35.460
1.014	14.801			
12/31/2015 1:30:00 PM	12600.000	73.105	17.981	166.630
28201.918	32568.193	20.506	22146.371	35.459
1.014	14.799			
12/31/2015 1:35:00 PM	12900.000	73.129	17.981	166.684
28205.215	32571.934	20.509	22148.916	35.454
1.014	14.797			
12/31/2015 1:40:00 PM	13200.000	73.114	17.981	166.649
28207.496	32574.826	20.510	22150.885	35.452
1.014	14.795			
12/31/2015 1:45:00 PM	13500.000	73.132	17.981	166.691
28217.277	32585.988	20.518	22158.475	35.439
1.014	14.793			
12/31/2015 1:50:00 PM	13800.000	73.112	17.981	166.645
28206.402	32573.619	20.510	22150.061	35.453
1.014	14.793			
12/31/2015 1:55:00 PM	14100.000	73.133	17.981	166.692
28218.563	32587.535	20.519	22159.525	35.438
1.014	14.794			
12/31/2015 2:00:00 PM	14400.000	73.130	17.981	166.686
28210.932	32578.477	20.513	22153.365	35.447
1.014	14.794			
12/31/2015 2:05:00 PM	14700.000	73.132	17.981	166.690
28224.779	32594.785	20.524	22164.455	35.430
1.014	14.792			
12/31/2015 2:10:00 PM	15000.000	73.119	17.981	166.661
28223.350	32592.750	20.523	22163.070	35.432
1.014	14.791			

12/31/2015 2:15:00 PM	15300.000	73.134	17.981	166.695
28214.445	32582.906	20.516	22156.377	35.443
1.014	14.789			
12/31/2015 2:20:00 PM	15600.000	73.116	17.981	166.654
28206.500	32573.676	20.510	22150.102	35.453
1.014	14.788			
12/31/2015 2:25:00 PM	15900.000	73.115	17.981	166.652
28202.752	32569.277	20.507	22147.109	35.458
1.014	14.787			
12/31/2015 2:30:00 PM	16200.000	73.145	17.980	166.720
28207.559	32575.145	20.511	22151.098	35.451
1.014	14.786			
12/31/2015 2:35:00 PM	16500.000	73.119	17.981	166.660
28215.561	32583.756	20.517	22156.955	35.441
1.014	14.786			
12/31/2015 2:40:00 PM	16800.000	73.140	17.980	166.708
28209.688	32577.537	20.512	22152.725	35.449
1.014	14.787			
12/31/2015 2:45:00 PM	17100.000	73.117	17.981	166.656
28207.662	32574.574	20.510	22150.711	35.451
1.014	14.787			
12/31/2015 2:50:00 PM	17400.000	73.140	17.981	166.709
28211.633	32579.412	20.514	22154.002	35.446
1.014	14.787			
12/31/2015 2:55:00 PM	17700.000	73.138	17.981	166.704
28218.104	32586.818	20.519	22159.039	35.438
1.014	14.786			
12/31/2015 3:00:00 PM	18000.000	73.139	17.981	166.707
28207.461	32574.342	20.510	22150.555	35.452
1.014	14.785			
12/31/2015 3:05:00 PM	18300.000	73.121	17.981	166.666
28213.406	32581.207	20.515	22155.223	35.444
1.014	14.786			
12/31/2015 3:10:00 PM	18600.000	73.117	17.981	166.656
28209.770	32577.068	20.512	22152.406	35.449
1.014	14.786			
12/31/2015 3:15:00 PM	18900.000	73.138	17.981	166.704
28209.482	32577.051	20.512	22152.395	35.449
1.014	14.787			
12/31/2015 3:20:00 PM	19200.000	73.130	17.980	166.686
28204.148	32571.141	20.508	22148.377	35.456
1.014	14.786			
12/31/2015 3:25:00 PM	19500.000	73.138	17.981	166.703
28213.289	32581.383	20.515	22155.340	35.444
1.014	14.786			
12/31/2015 3:30:00 PM	19800.000	73.117	17.981	166.656
28208.227	32575.412	20.511	22151.281	35.451
1.014	14.785			
12/31/2015 3:35:00 PM	20100.000	73.137	17.981	166.701
28206.535	32573.771	20.510	22150.166	35.453
1.014	14.786			
12/31/2015 3:40:00 PM	20400.000	73.128	17.981	166.681
28193.539	32558.324	20.499	22139.662	35.469
1.014	14.787			
12/31/2015 3:45:00 PM	20700.000	73.133	17.981	166.694
28219.246	32588.326	20.520	22160.063	35.437
1.014	14.788			
12/31/2015 3:50:00 PM	21000.000	73.133	17.981	166.692

28203.518	32569.848	20.507	22147.498	35.457
1.014	14.784			
12/31/2015 3:55:00 PM	21300.000	73.123	17.981	166.670
28234.658	32605.809	20.532	22171.949	35.417
1.014	14.780			
12/31/2015 4:00:00 PM	21600.000	73.145	17.981	166.721
28204.447	32571.172	20.508	22148.396	35.455
1.014	14.776			
12/31/2015 4:05:00 PM	21900.000	73.140	17.981	166.709
28209.123	32576.514	20.512	22152.031	35.450
1.014	14.779			
12/31/2015 4:10:00 PM	22200.000	73.119	17.981	166.662
28220.016	32589.340	20.521	22160.754	35.436
1.014	14.782			
12/31/2015 4:15:00 PM	22500.000	73.115	17.981	166.651
28226.686	32596.916	20.526	22165.902	35.427
1.014	14.785			
12/31/2015 4:20:00 PM	22800.000	73.136	17.981	166.700
28207.299	32574.281	20.510	22150.512	35.452
1.014	14.783			
12/31/2015 4:25:00 PM	23100.000	73.141	17.981	166.710
28202.594	32569.031	20.506	22146.941	35.458
1.014	14.782			
12/31/2015 4:30:00 PM	23400.000	73.121	17.981	166.665
28207.904	32575.105	20.511	22151.074	35.451
1.014	14.781			
12/31/2015 4:35:00 PM	23700.000	73.139	17.981	166.707
28213.625	32581.904	20.515	22155.697	35.444
1.014	14.782			
12/31/2015 4:40:00 PM	24000.000	73.116	17.981	166.653
28208.467	32575.877	20.511	22151.596	35.450
1.014	14.783			
12/31/2015 4:45:00 PM	24300.000	73.115	17.981	166.651
28206.650	32573.219	20.509	22149.789	35.453
1.014	14.785			
12/31/2015 4:50:00 PM	24600.000	73.132	17.981	166.691
28224.854	32594.680	20.524	22164.383	35.430
1.014	14.785			
12/31/2015 4:55:00 PM	24900.000	73.132	17.981	166.691
28212.293	32580.049	20.514	22154.434	35.446
1.014	14.785			
12/31/2015 5:00:00 PM	25200.000	73.136	17.981	166.700
28214.387	32582.650	20.516	22156.205	35.443
1.014	14.786			
12/31/2015 5:05:00 PM	25500.000	73.114	17.981	166.650
28210.914	32578.828	20.513	22153.605	35.447
1.014	14.785			
12/31/2015 5:10:00 PM	25800.000	73.126	17.981	166.677
28207.680	32574.779	20.510	22150.850	35.451
1.014	14.784			
12/31/2015 5:15:00 PM	26100.000	73.136	17.981	166.700
28215.377	32583.857	20.517	22157.023	35.442
1.014	14.783			
12/31/2015 5:20:00 PM	26400.000	73.129	17.980	166.683
28208.166	32575.781	20.511	22151.533	35.451
1.014	14.784			
12/31/2015 5:25:00 PM	26700.000	73.111	17.980	166.643

28205.105	32572.311	20.509	22149.174	35.455
1.014	14.784			
12/31/2015 5:30:00 PM	27000.000	73.103	17.981	166.625
28215.713	32584.371	20.517	22157.373	35.441
1.014	14.785			
12/31/2015 5:35:00 PM	27300.000	73.123	17.981	166.669
28204.082	32570.939	20.508	22148.238	35.456
1.014	14.787			
12/31/2015 5:40:00 PM	27600.000	73.101	17.981	166.620
28215.672	32584.135	20.517	22157.211	35.441
1.014	14.789			
12/31/2015 5:45:00 PM	27900.000	73.096	17.981	166.609
28203.598	32569.879	20.507	22147.518	35.456
1.014	14.791			
12/31/2015 5:50:00 PM	28200.000	73.119	17.980	166.660
28200.059	32566.549	20.505	22145.254	35.461
1.014	14.791			
12/31/2015 5:55:00 PM	28500.000	73.116	17.981	166.655
28213.531	32581.795	20.515	22155.623	35.444
1.014	14.791			
12/31/2015 6:00:00 PM	28800.000	73.099	17.981	166.615
28200.785	32566.570	20.505	22145.270	35.460
1.014	14.792			
12/31/2015 6:05:00 PM	29100.000	73.093	17.981	166.603
28215.797	32584.027	20.517	22157.139	35.441
1.014	14.792			
12/31/2015 6:10:00 PM	29400.000	73.110	17.981	166.640
28225.770	32595.859	20.525	22165.186	35.429
1.014	14.792			
12/31/2015 6:15:00 PM	29700.000	73.089	17.981	166.593
28217.865	32586.730	20.519	22158.977	35.439
1.014	14.792			
12/31/2015 6:20:00 PM	30000.000	73.091	17.981	166.596
28217.980	32586.801	20.519	22159.027	35.438
1.014	14.791			
12/31/2015 6:25:00 PM	30300.000	73.090	17.981	166.594
28213.551	32581.748	20.515	22155.590	35.444
1.014	14.790			
12/31/2015 6:30:00 PM	30600.000	73.110	17.981	166.641
28210.031	32577.438	20.512	22152.658	35.448
1.014	14.789			
12/31/2015 6:35:00 PM	30900.000	73.104	17.981	166.626
28206.885	32573.861	20.510	22150.229	35.452
1.014	14.788			
12/31/2015 6:40:00 PM	31200.000	73.107	17.981	166.633
28204.146	32570.957	20.508	22148.252	35.456
1.014	14.786			
12/31/2015 6:45:00 PM	31500.000	73.107	17.981	166.634
28202.838	32569.314	20.507	22147.137	35.457
1.014	14.785			
12/31/2015 6:50:00 PM	31800.000	73.079	17.981	166.568
28216.740	32585.311	20.518	22158.012	35.440
1.014	14.788			
12/31/2015 6:55:00 PM	32100.000	73.078	17.981	166.566
28192.699	32557.668	20.499	22139.215	35.470
1.014	14.791			
12/31/2015 7:00:00 PM	32400.000	73.093	17.981	166.601
28198.980	32564.992	20.504	22144.195	35.462

1.014	14.794				
12/31/2015 7:05:00 PM	32700.000	73.088	17.981	166.591	
28215.908	32584.408	20.517	22157.400	35.441	
1.014	14.793				
12/31/2015 7:10:00 PM	33000.000	73.087	17.980	166.589	
28211.908	32580.049	20.514	22154.434	35.446	
1.014	14.793				
12/31/2015 7:15:00 PM	33300.000	73.072	17.981	166.553	
28208.938	32576.547	20.512	22152.055	35.450	
1.014	14.792				
12/31/2015 7:20:00 PM	33600.000	73.081	17.981	166.574	
28199.744	32565.430	20.504	22144.492	35.461	
1.014	14.793				
12/31/2015 7:25:00 PM	33900.000	73.088	17.981	166.591	
28207.551	32574.945	20.511	22150.965	35.451	
1.014	14.794				
12/31/2015 7:30:00 PM	34200.000	73.082	17.981	166.576	
28204.018	32570.492	20.508	22147.936	35.456	
1.014	14.794				
12/31/2015 7:35:00 PM	34500.000	73.060	17.980	166.527	
28224.289	32594.346	20.524	22164.158	35.430	
1.014	14.793				
12/31/2015 7:40:00 PM	34800.000	73.077	17.981	166.566	
28210.910	32578.768	20.513	22153.564	35.447	
1.014	14.793				
12/31/2015 7:45:00 PM	35100.000	73.078	17.980	166.566	
28215.928	32584.691	20.517	22157.592	35.441	
1.014	14.792				
12/31/2015 7:50:00 PM	35400.000	73.076	17.980	166.563	
28216.475	32585.506	20.518	22158.146	35.440	
1.014	14.794				
12/31/2015 7:55:00 PM	35700.000	73.054	17.981	166.512	
28226.955	32597.354	20.526	22166.203	35.427	
1.014	14.797				
12/31/2015 8:00:00 PM	36000.000	73.065	17.980	166.538	
28208.473	32576.135	20.511	22151.773	35.450	
1.014	14.799				
12/31/2015 8:05:00 PM	36300.000	73.066	17.980	166.539	
28215.699	32584.611	20.517	22157.535	35.441	
1.014	14.797				
12/31/2015 8:10:00 PM	36600.000	73.047	17.980	166.497	
28219.400	32588.820	20.520	22160.400	35.437	
1.014	14.795				
12/31/2015 8:15:00 PM	36900.000	73.069	17.981	166.546	
28213.775	32581.945	20.515	22155.723	35.444	
1.014	14.793				
12/31/2015 8:20:00 PM	37200.000	73.049	17.981	166.501	
28211.504	32579.385	20.514	22153.984	35.447	
1.014	14.793				
12/31/2015 8:25:00 PM	37500.000	73.042	17.981	166.486	
28185.783	32549.807	20.493	22133.871	35.479	
1.014	14.793				
12/31/2015 8:30:00 PM	37800.000	73.058	17.981	166.521	
28189.740	32554.188	20.496	22136.848	35.474	
1.014	14.793				
12/31/2015 8:35:00 PM	38100.000	73.057	17.980	166.519	
28207.416	32574.980	20.511	22150.988	35.452	

1.014	14.793			
12/31/2015 8:40:00 PM	38400.000	73.054	17.981	166.512
28219.338	32588.311	20.520	22160.051	35.437
1.014	14.794			
12/31/2015 8:45:00 PM	38700.000	73.049	17.981	166.502
28225.717	32595.797	20.525	22165.145	35.429
1.014	14.794			
12/31/2015 8:50:00 PM	39000.000	73.035	17.981	166.469
28214.068	32582.225	20.516	22155.912	35.443
1.014	14.792			
12/31/2015 8:55:00 PM	39300.000	73.029	17.981	166.455
28219.078	32588.258	20.520	22160.018	35.437
1.014	14.791			
12/31/2015 9:00:00 PM	39600.000	73.053	17.981	166.510
28196.178	32561.811	20.501	22142.033	35.466
1.014	14.790			
12/31/2015 9:05:00 PM	39900.000	73.046	17.981	166.494
28212.520	32580.494	20.514	22154.738	35.445
1.014	14.790			
12/31/2015 9:10:00 PM	40200.000	73.046	17.980	166.494
28216.490	32585.395	20.518	22158.070	35.440
1.014	14.791			
12/31/2015 9:15:00 PM	40500.000	73.046	17.981	166.494
28219.408	32588.449	20.520	22160.146	35.437
1.014	14.791			
12/31/2015 9:20:00 PM	40800.000	73.020	17.981	166.436
28217.158	32585.852	20.518	22158.381	35.439
1.014	14.792			
12/31/2015 9:25:00 PM	41100.000	73.039	17.981	166.478
28209.303	32576.912	20.512	22152.303	35.449
1.014	14.793			
12/31/2015 9:30:00 PM	41400.000	73.035	17.980	166.470
28219.168	32588.432	20.520	22160.133	35.437
1.014	14.794			
12/31/2015 9:35:00 PM	41700.000	73.037	17.981	166.473
28210.367	32577.824	20.513	22152.922	35.448
1.014	14.791			
12/31/2015 9:40:00 PM	42000.000	73.037	17.980	166.474
28221.012	32590.563	20.521	22161.582	35.435
1.014	14.789			
12/31/2015 9:45:00 PM	42300.000	73.041	17.981	166.484
28209.320	32576.932	20.512	22152.314	35.449
1.014	14.786			
12/31/2015 9:50:00 PM	42600.000	73.033	17.981	166.465
28200.658	32566.984	20.505	22145.549	35.460
1.014	14.788			
12/31/2015 9:55:00 PM	42900.000	73.032	17.980	166.462
28199.977	32566.582	20.505	22145.277	35.461
1.014	14.791			
12/31/2015 10:00:00 PM	43200.000	73.023	17.980	166.441
28215.930	32584.693	20.517	22157.594	35.441
1.014	14.793			
12/31/2015 10:05:00 PM	43500.000	73.029	17.980	166.456
28202.529	32569.271	20.507	22147.105	35.458
1.014	14.793			
12/31/2015 10:10:00 PM	43800.000	73.006	17.981	166.402
28220.291	32589.658	20.521	22160.971	35.435
1.014	14.793			

12/31/2015 10:15:00 PM	44100.000	73.006	17.980	166.403
28219.713	32589.063	20.520	22160.564	35.436
1.014	14.793			
12/31/2015 10:20:00 PM	44400.000	73.004	17.980	166.398
28215.477	32584.223	20.517	22157.271	35.442
1.014	14.791			
12/31/2015 10:25:00 PM	44700.000	73.027	17.980	166.451
28213.775	32582.205	20.516	22155.900	35.444
1.014	14.789			
12/31/2015 10:30:00 PM	45000.000	73.029	17.981	166.456
28216.090	32584.680	20.517	22157.584	35.441
1.014	14.788			
12/31/2015 10:35:00 PM	45300.000	73.030	17.981	166.457
28208.723	32576.242	20.511	22151.846	35.450
1.014	14.787			
12/31/2015 10:40:00 PM	45600.000	73.008	17.981	166.407
28194.971	32560.361	20.500	22141.049	35.467
1.014	14.786			
12/31/2015 10:45:00 PM	45900.000	73.006	17.980	166.402
28216.328	32585.400	20.518	22158.074	35.440
1.014	14.786			
12/31/2015 10:50:00 PM	46200.000	73.026	17.980	166.449
28208.273	32575.904	20.511	22151.617	35.451
1.014	14.787			
12/31/2015 10:55:00 PM	46500.000	73.002	17.981	166.395
28223.029	32592.764	20.523	22163.080	35.432
1.014	14.789			
12/31/2015 11:00:00 PM	46800.000	73.005	17.981	166.402
28221.393	32590.684	20.521	22161.666	35.434
1.014	14.791			
12/31/2015 11:05:00 PM	47100.000	73.023	17.980	166.441
28217.346	32586.574	20.519	22158.873	35.439
1.014	14.788			
12/31/2015 11:10:00 PM	47400.000	73.002	17.980	166.393
28208.850	32576.516	20.512	22152.033	35.450
1.014	14.786			
12/31/2015 11:15:00 PM	47700.000	73.027	17.981	166.451
28213.557	32581.881	20.515	22155.682	35.444
1.014	14.784			
12/31/2015 11:20:00 PM	48000.000	73.026	17.980	166.450
28215.768	32584.625	20.517	22157.545	35.441
1.014	14.784			
12/31/2015 11:25:00 PM	48300.000	73.028	17.980	166.454
28215.320	32584.043	20.517	22157.152	35.442
1.014	14.784			
12/31/2015 11:30:00 PM	48600.000	73.009	17.980	166.410
28214.719	32583.414	20.516	22156.723	35.442
1.014	14.783			
12/31/2015 11:35:00 PM	48900.000	73.026	17.980	166.449
28211.424	32579.607	20.514	22154.135	35.447
1.014	14.782			
12/31/2015 11:40:00 PM	49200.000	73.029	17.980	166.456
28224.613	32594.775	20.524	22164.447	35.430
1.014	14.781			
12/31/2015 11:45:00 PM	49500.000	73.028	17.981	166.454
28210.438	32578.279	20.513	22153.230	35.448
1.014	14.780			

12/31/2015 11:50:00 PM	49800.000	73.013	17.981	166.419
28216.455	32585.229	20.518	22157.957	35.440
1.014	14.781			
12/31/2015 11:55:00 PM	50100.000	73.026	17.980	166.449
28208.000	32575.654	20.511	22151.447	35.451
1.014	14.781			
1/1/2016 12:00:00 AM	50400.000	73.008	17.981	166.408
28217.516	32586.205	20.518	22158.621	35.439
1.014	14.782			
1/1/2016 12:05:00 AM	50700.000	73.010	17.981	166.411
28203.980	32570.695	20.508	22148.072	35.456
1.014	14.780			
1/1/2016 12:10:00 AM	51000.000	73.033	17.981	166.466
28213.137	32581.148	20.515	22155.182	35.444
1.014	14.779			
1/1/2016 12:15:00 AM	51300.000	73.037	17.980	166.474
28206.547	32573.857	20.510	22150.223	35.453
1.014	14.777			
1/1/2016 12:20:00 AM	51600.000	73.021	17.980	166.437
28223.971	32593.979	20.524	22163.908	35.431
1.014	14.776			
1/1/2016 12:25:00 AM	51900.000	73.042	17.980	166.486
28212.668	32581.109	20.515	22155.154	35.445
1.014	14.774			
1/1/2016 12:30:00 AM	52200.000	73.026	17.980	166.449
28210.748	32578.709	20.513	22153.523	35.447
1.014	14.773			
1/1/2016 12:35:00 AM	52500.000	73.041	17.980	166.484
28193.100	32558.328	20.499	22139.666	35.470
1.014	14.774			
1/1/2016 12:40:00 AM	52800.000	73.019	17.980	166.432
28226.955	32597.545	20.526	22166.330	35.427
1.014	14.775			
1/1/2016 12:45:00 AM	53100.000	73.045	17.981	166.492
28222.039	32591.551	20.522	22162.254	35.433
1.014	14.776			
1/1/2016 12:50:00 AM	53400.000	73.048	17.980	166.499
28219.066	32588.627	20.520	22160.268	35.437
1.014	14.776			
1/1/2016 12:55:00 AM	53700.000	73.043	17.981	166.488
28213.762	32582.117	20.516	22155.842	35.444
1.014	14.775			
1/1/2016 1:00:00 AM	54000.000	73.047	17.980	166.496
28220.703	32590.324	20.521	22161.420	35.435
1.014	14.775			
1/1/2016 1:05:00 AM	54300.000	73.046	17.981	166.495
28215.098	32583.660	20.517	22156.889	35.442
1.014	14.776			
1/1/2016 1:10:00 AM	54600.000	73.048	17.981	166.499
28210.008	32577.783	20.513	22152.893	35.448
1.014	14.777			
1/1/2016 1:15:00 AM	54900.000	73.052	17.980	166.507
28210.129	32578.047	20.513	22153.074	35.448
1.014	14.778			
1/1/2016 1:20:00 AM	55200.000	73.052	17.981	166.508
28214.719	32583.223	20.516	22156.594	35.442
1.014	14.776			
1/1/2016 1:25:00 AM	55500.000	73.036	17.980	166.472

28210.131	32578.619	20.513	22153.461	35.448
1.014	14.774			
1/1/2016 1:30:00 AM	55800.000	73.060	17.981	166.526
28224.236	32594.213	20.524	22164.066	35.431
1.014	14.772			
1/1/2016 1:35:00 AM	56100.000	73.058	17.981	166.521
28198.521	32564.393	20.503	22143.787	35.463
1.014	14.773			
1/1/2016 1:40:00 AM	56400.000	73.061	17.980	166.529
28229.895	32600.873	20.529	22168.594	35.423
1.014	14.773			
1/1/2016 1:45:00 AM	56700.000	73.062	17.980	166.532
28219.127	32588.697	20.520	22160.314	35.437
1.014	14.774			
1/1/2016 1:50:00 AM	57000.000	73.049	17.980	166.502
28230.840	32602.096	20.529	22169.426	35.422
1.014	14.775			
1/1/2016 1:55:00 AM	57300.000	73.066	17.980	166.540
28209.699	32577.936	20.513	22152.998	35.449
1.014	14.776			
1/1/2016 2:00:00 AM	57600.000	73.066	17.981	166.540
28215.633	32583.777	20.517	22156.969	35.441
1.014	14.778			
1/1/2016 2:05:00 AM	57900.000	73.067	17.980	166.542
28204.082	32571.129	20.508	22148.369	35.456
1.014	14.778			
1/1/2016 2:10:00 AM	58200.000	73.053	17.981	166.510
28207.883	32575.082	20.511	22151.059	35.451
1.014	14.779			
1/1/2016 2:15:00 AM	58500.000	73.050	17.980	166.504
28211.123	32579.508	20.514	22154.068	35.447
1.014	14.779			
1/1/2016 2:20:00 AM	58800.000	73.072	17.981	166.555
28206.723	32573.801	20.510	22150.188	35.453
1.014	14.780			
1/1/2016 2:25:00 AM	59100.000	73.073	17.980	166.557
28215.084	32583.770	20.517	22156.963	35.442
1.014	14.780			
1/1/2016 2:30:00 AM	59400.000	73.081	17.981	166.575
28211.850	32579.910	20.514	22154.340	35.446
1.014	14.780			
1/1/2016 2:35:00 AM	59700.000	73.060	17.981	166.527
28204.666	32571.113	20.508	22148.359	35.455
1.014	14.778			
1/1/2016 2:40:00 AM	60000.000	73.086	17.981	166.587
28213.188	32581.455	20.515	22155.393	35.444
1.014	14.776			
1/1/2016 2:45:00 AM	60300.000	73.091	17.980	166.598
28224.051	32594.189	20.524	22164.049	35.431
1.014	14.774			
1/1/2016 2:50:00 AM	60600.000	73.073	17.980	166.557
28237.750	32610.076	20.535	22174.852	35.414
1.014	14.774			
1/1/2016 2:55:00 AM	60900.000	73.096	17.981	166.608
28223.375	32593.162	20.523	22163.352	35.432
1.014	14.774			
1/1/2016 3:00:00 AM	61200.000	73.096	17.980	166.608

28207.801	32575.305	20.511	22151.209	35.451
1.014	14.773			
1/1/2016 3:05:00 AM	61500.000	73.099	17.981	166.614
28205.814	32572.752	20.509	22149.471	35.454
1.014	14.774			
1/1/2016 3:10:00 AM	61800.000	73.080	17.981	166.572
28218.656	32587.582	20.519	22159.557	35.438
1.014	14.776			
1/1/2016 3:15:00 AM	62100.000	73.103	17.980	166.624
28207.219	32574.633	20.510	22150.752	35.452
1.014	14.777			
1/1/2016 3:20:00 AM	62400.000	73.101	17.981	166.620
28213.605	32581.748	20.515	22155.590	35.444
1.014	14.777			
1/1/2016 3:25:00 AM	62700.000	73.100	17.980	166.617
28198.777	32565.131	20.504	22144.291	35.463
1.014	14.777			
1/1/2016 3:30:00 AM	63000.000	73.105	17.981	166.628
28205.854	32572.984	20.509	22149.629	35.454
1.014	14.777			
1/1/2016 3:35:00 AM	63300.000	73.086	17.980	166.585
28220.779	32590.412	20.521	22161.482	35.435
1.014	14.777			
1/1/2016 3:40:00 AM	63600.000	73.104	17.981	166.626
28214.604	32582.900	20.516	22156.373	35.443
1.014	14.776			
1/1/2016 3:45:00 AM	63900.000	73.111	17.980	166.642
28217.287	32586.443	20.519	22158.783	35.439
1.014	14.776			
1/1/2016 3:50:00 AM	64200.000	73.091	17.981	166.597
28204.984	32571.793	20.508	22148.820	35.455
1.014	14.775			
1/1/2016 3:55:00 AM	64500.000	73.093	17.981	166.601
28213.244	32581.463	20.515	22155.395	35.444
1.014	14.774			
1/1/2016 4:00:00 AM	64800.000	73.117	17.980	166.657
28218.191	32587.424	20.519	22159.451	35.438
1.014	14.773			
1/1/2016 4:05:00 AM	65100.000	73.119	17.981	166.660
28208.602	32576.102	20.511	22151.750	35.450
1.014	14.773			
1/1/2016 4:10:00 AM	65400.000	73.127	17.980	166.679
28219.871	32589.244	20.520	22160.686	35.436
1.014	14.773			
1/1/2016 4:15:00 AM	65700.000	73.122	17.980	166.668
28204.887	32571.939	20.508	22148.920	35.455
1.014	14.773			
1/1/2016 4:20:00 AM	66000.000	73.121	17.981	166.666
28216.586	32585.322	20.518	22158.020	35.440
1.014	14.772			
1/1/2016 4:25:00 AM	66300.000	73.123	17.980	166.669
28210.070	32578.174	20.513	22153.160	35.448
1.014	14.771			
1/1/2016 4:30:00 AM	66600.000	73.127	17.980	166.679
28212.750	32581.021	20.515	22155.096	35.445
1.014	14.770			
1/1/2016 4:35:00 AM	66900.000	73.131	17.980	166.688
28213.627	32582.088	20.516	22155.820	35.444

1.014	14.770			
1/1/2016 4:40:00 AM	67200.000	73.130	17.980	166.687
28201.152	32567.627	20.506	22145.986	35.460
1.014	14.769			
1/1/2016 4:45:00 AM	67500.000	73.116	17.981	166.653
28190.195	32554.588	20.496	22137.119	35.473
1.014	14.768			
1/1/2016 4:50:00 AM	67800.000	73.136	17.980	166.699
28206.348	32573.746	20.510	22150.150	35.453
1.014	14.767			
1/1/2016 4:55:00 AM	68100.000	73.123	17.980	166.671
28211.816	32579.996	20.514	22154.400	35.446
1.014	14.767			
1/1/2016 5:00:00 AM	68400.000	73.121	17.981	166.665
28195.182	32560.605	20.501	22141.215	35.467
1.014	14.766			
1/1/2016 5:05:00 AM	68700.000	73.140	17.981	166.710
28198.813	32564.666	20.503	22143.975	35.462
1.014	14.768			
1/1/2016 5:10:00 AM	69000.000	73.119	17.981	166.660
28217.334	32586.242	20.518	22158.646	35.439
1.014	14.770			
1/1/2016 5:15:00 AM	69300.000	73.122	17.981	166.668
28214.914	32583.260	20.516	22156.617	35.442
1.014	14.772			
1/1/2016 5:20:00 AM	69600.000	73.123	17.981	166.669
28196.506	32562.002	20.502	22142.162	35.465
1.014	14.773			
1/1/2016 5:25:00 AM	69900.000	73.139	17.981	166.706
28211.752	32579.607	20.514	22154.135	35.446
1.014	14.775			
1/1/2016 5:30:00 AM	70200.000	73.122	17.981	166.668
28212.939	32580.979	20.515	22155.068	35.445
1.014	14.776			
1/1/2016 5:35:00 AM	70500.000	73.144	17.981	166.718
28207.480	32574.676	20.510	22150.779	35.452
1.014	14.776			
1/1/2016 5:40:00 AM	70800.000	73.146	17.980	166.722
28200.512	32566.887	20.505	22145.482	35.460
1.014	14.775			
1/1/2016 5:45:00 AM	71100.000	73.125	17.981	166.674
28222.914	32592.498	20.523	22162.898	35.432
1.014	14.774			
1/1/2016 5:50:00 AM	71400.000	73.146	17.981	166.722
28219.947	32589.205	20.520	22160.662	35.436
1.014	14.775			
1/1/2016 5:55:00 AM	71700.000	73.128	17.980	166.680
28204.746	32571.832	20.508	22148.848	35.455
1.014	14.776			
1/1/2016 6:00:00 AM	72000.000	73.148	17.981	166.728
28212.891	32580.924	20.515	22155.031	35.445
1.014	14.778			
1/1/2016 6:05:00 AM	72300.000	73.148	17.980	166.728
28208.574	32576.252	20.511	22151.854	35.450
1.014	14.777			
1/1/2016 6:10:00 AM	72600.000	73.128	17.981	166.681
28208.605	32576.037	20.511	22151.707	35.450

1.014	14.777			
1/1/2016 6:15:00 AM	72900.000	73.148	17.980	166.728
28205.395	32572.711	20.509	22149.445	35.454
1.014	14.776			
1/1/2016 6:20:00 AM	73200.000	73.147	17.980	166.724
28220.063	32589.713	20.521	22161.008	35.436
1.014	14.778			
1/1/2016 6:25:00 AM	73500.000	73.150	17.981	166.730
28222.057	32591.697	20.522	22162.355	35.433
1.014	14.781			
1/1/2016 6:30:00 AM	73800.000	73.145	17.980	166.720
28208.803	32576.463	20.512	22151.994	35.450
1.014	14.783			
1/1/2016 6:35:00 AM	74100.000	73.147	17.981	166.725
28200.670	32566.998	20.505	22145.559	35.460
1.014	14.784			
1/1/2016 6:40:00 AM	74400.000	73.143	17.981	166.715
28198.936	32564.939	20.504	22144.160	35.462
1.014	14.785			
1/1/2016 6:45:00 AM	74700.000	73.130	17.980	166.685
28201.436	32568.074	20.506	22146.291	35.459
1.014	14.786			
1/1/2016 6:50:00 AM	75000.000	73.126	17.980	166.677
28200.996	32567.566	20.505	22145.947	35.460
1.014	14.784			
1/1/2016 6:55:00 AM	75300.000	73.147	17.981	166.725
28212.805	32581.012	20.515	22155.088	35.445
1.014	14.783			
1/1/2016 7:00:00 AM	75600.000	73.149	17.980	166.730
28192.871	32558.064	20.499	22139.486	35.470
1.014	14.781			
1/1/2016 7:05:00 AM	75900.000	73.143	17.981	166.716
28206.266	32573.215	20.509	22149.787	35.453
1.014	14.782			
1/1/2016 7:10:00 AM	76200.000	73.144	17.980	166.718
28218.357	32587.742	20.519	22159.666	35.438
1.014	14.782			
1/1/2016 7:15:00 AM	76500.000	73.146	17.981	166.722
28223.434	32593.039	20.523	22163.270	35.432
1.014	14.783			
1/1/2016 7:20:00 AM	76800.000	73.119	17.981	166.662
28212.443	32580.539	20.514	22154.768	35.445
1.014	14.787			
1/1/2016 7:25:00 AM	77100.000	73.120	17.980	166.664
28204.234	32571.240	20.508	22148.445	35.456
1.014	14.790			
1/1/2016 7:30:00 AM	77400.000	73.133	17.981	166.692
28203.752	32570.369	20.507	22147.852	35.456
1.014	14.794			
1/1/2016 7:35:00 AM	77700.000	73.136	17.980	166.700
28198.154	32564.219	20.503	22143.672	35.463
1.014	14.790			
1/1/2016 7:40:00 AM	78000.000	73.119	17.980	166.661
28221.881	32591.564	20.522	22162.264	35.433
1.014	14.786			
1/1/2016 7:45:00 AM	78300.000	73.124	17.981	166.672
28212.246	32580.242	20.514	22154.566	35.446
1.014	14.782			

1/1/2016 7:50:00 AM	78600.000	73.140	17.980	166.708
28215.525	32584.227	20.517	22157.273	35.441
1.014	14.784			
1/1/2016 7:55:00 AM	78900.000	73.121	17.980	166.666
28210.404	32578.313	20.513	22153.254	35.448
1.014	14.785			
1/1/2016 8:00:00 AM	79200.000	73.139	17.981	166.707
28220.568	32589.922	20.521	22161.148	35.435
1.014	14.787			
1/1/2016 8:05:00 AM	79500.000	73.137	17.980	166.702
28210.893	32578.875	20.513	22153.635	35.447
1.014	14.788			
1/1/2016 8:10:00 AM	79800.000	73.118	17.981	166.657
28197.555	32563.400	20.503	22143.113	35.464
1.014	14.789			
1/1/2016 8:15:00 AM	80100.000	73.132	17.981	166.690
28209.514	32577.156	20.512	22152.467	35.449
1.014	14.789			
1/1/2016 8:20:00 AM	80400.000	73.121	17.980	166.666
28204.566	32571.623	20.508	22148.705	35.455
1.014	14.790			
1/1/2016 8:25:00 AM	80700.000	73.113	17.981	166.647
28204.688	32571.512	20.508	22148.631	35.455
1.014	14.791			
1/1/2016 8:30:00 AM	81000.000	73.115	17.980	166.652
28204.650	32571.668	20.508	22148.734	35.455
1.014	14.792			
1/1/2016 8:35:00 AM	81300.000	73.127	17.980	166.679
28210.789	32578.939	20.513	22153.682	35.447
1.014	14.794			
1/1/2016 8:40:00 AM	81600.000	73.106	17.980	166.632
28204.775	32571.865	20.508	22148.871	35.455
1.014	14.796			
1/1/2016 8:45:00 AM	81900.000	73.125	17.980	166.676
28202.713	32569.430	20.507	22147.215	35.458
1.014	14.798			
1/1/2016 8:50:00 AM	82200.000	73.125	17.981	166.674
28222.070	32591.398	20.522	22162.150	35.433
1.014	14.798			
1/1/2016 8:55:00 AM	82500.000	73.126	17.980	166.677
28215.727	32584.459	20.517	22157.432	35.441
1.014	14.797			
1/1/2016 9:00:00 AM	82800.000	73.108	17.980	166.635
28215.203	32583.854	20.517	22157.023	35.442
1.014	14.796			
1/1/2016 9:05:00 AM	83100.000	73.125	17.980	166.674
28221.068	32590.627	20.521	22161.629	35.435
1.014	14.796			
1/1/2016 9:10:00 AM	83400.000	73.104	17.980	166.626
28226.203	32596.740	20.526	22165.785	35.428
1.014	14.796			
1/1/2016 9:15:00 AM	83700.000	73.128	17.981	166.681
28217.156	32585.912	20.518	22158.420	35.439
1.014	14.795			
1/1/2016 9:20:00 AM	84000.000	73.102	17.981	166.623
28208.158	32575.457	20.511	22151.313	35.451
1.014	14.795			

1/1/2016 9:25:00 AM	84300.000	73.124	17.981	166.673
28200.168	32566.105	20.504	22144.953	35.461
1.014	14.795			
1/1/2016 9:30:00 AM	84600.000	73.105	17.981	166.628
28217.154	32586.035	20.518	22158.504	35.439
1.014	14.796			
1/1/2016 9:35:00 AM	84900.000	73.099	17.981	166.615
28198.375	32564.035	20.503	22143.545	35.463
1.014	14.797			
1/1/2016 9:40:00 AM	85200.000	73.118	17.981	166.659
28205.533	32572.490	20.509	22149.293	35.454
1.014	14.799			
1/1/2016 9:45:00 AM	85500.000	73.115	17.981	166.652
28217.656	32586.615	20.519	22158.898	35.439
1.014	14.800			
1/1/2016 9:50:00 AM	85800.000	73.111	17.980	166.642
28211.326	32579.623	20.514	22154.146	35.447
1.014	14.801			
1/1/2016 9:55:00 AM	86100.000	73.091	17.980	166.596
28218.523	32587.871	20.520	22159.754	35.438
1.014	14.802			
1/1/2016 10:00:00 AM	86400.000	73.112	17.980	166.645
28210.871	32578.904	20.513	22153.656	35.447
1.014	14.802			
1/1/2016 10:05:00 AM	86700.000	73.095	17.981	166.607
28217.613	32586.510	20.519	22158.826	35.439
1.014	14.801			
1/1/2016 10:10:00 AM	87000.000	73.113	17.981	166.648
28206.465	32573.502	20.510	22149.984	35.453
1.014	14.800			
1/1/2016 10:15:00 AM	87300.000	73.111	17.981	166.642
28224.904	32594.797	20.524	22164.463	35.430
1.014	14.799			
1/1/2016 10:20:00 AM	87600.000	73.108	17.980	166.636
28201.836	32568.471	20.506	22146.561	35.459
1.014	14.802			
1/1/2016 10:25:00 AM	87900.000	73.103	17.980	166.623
28219.244	32588.639	20.520	22160.277	35.437
1.014	14.804			
1/1/2016 10:30:00 AM	88200.000	73.105	17.981	166.629
28201.143	32567.172	20.505	22145.680	35.460
1.014	14.807			
1/1/2016 10:35:00 AM	88500.000	73.104	17.980	166.627
28210.566	32578.500	20.513	22153.381	35.448
1.014	14.804			
1/1/2016 10:40:00 AM	88800.000	73.087	17.981	166.588
28224.059	32593.695	20.524	22163.713	35.431
1.014	14.801			
1/1/2016 10:45:00 AM	89100.000	73.110	17.980	166.639
28191.701	32556.713	20.498	22138.564	35.471
1.014	14.798			
1/1/2016 10:50:00 AM	89400.000	73.094	17.981	166.604
28238.963	32610.906	20.535	22175.416	35.412
1.014	14.798			
1/1/2016 10:55:00 AM	89700.000	73.106	17.981	166.631
28206.447	32573.357	20.509	22149.883	35.453
1.014	14.797			
1/1/2016 11:00:00 AM	90000.000	73.111	17.981	166.641

28200.740	32566.955	20.505	22145.531	35.460
1.014	14.796			
1/1/2016 11:05:00 AM	90300.000	73.088	17.981	166.590
28199.754	32565.885	20.504	22144.805	35.461
1.014	14.795			
1/1/2016 11:10:00 AM	90600.000	73.092	17.981	166.599
28201.152	32567.242	20.505	22145.725	35.460
1.014	14.793			
1/1/2016 11:15:00 AM	90900.000	73.107	17.980	166.634
28203.912	32570.814	20.508	22148.154	35.456
1.014	14.792			
1/1/2016 11:20:00 AM	91200.000	73.100	17.981	166.618
28208.205	32575.701	20.511	22151.479	35.451
1.014	14.795			
1/1/2016 11:25:00 AM	91500.000	73.098	17.981	166.614
28209.346	32576.961	20.512	22152.334	35.449
1.014	14.797			
1/1/2016 11:30:00 AM	91800.000	73.095	17.981	166.607
28203.863	32570.561	20.508	22147.982	35.456
1.014	14.800			
1/1/2016 11:35:00 AM	92100.000	73.098	17.980	166.614
28204.924	32572.037	20.509	22148.986	35.455
1.014	14.799			
1/1/2016 11:40:00 AM	92400.000	73.094	17.981	166.605
28217.572	32586.461	20.519	22158.795	35.439
1.014	14.798			
1/1/2016 11:45:00 AM	92700.000	73.094	17.980	166.603
28208.047	32575.590	20.511	22151.402	35.451
1.014	14.797			
1/1/2016 11:50:00 AM	93000.000	73.078	17.981	166.568
28199.535	32565.688	20.504	22144.668	35.462
1.014	14.794			
1/1/2016 11:55:00 AM	93300.000	73.081	17.980	166.575
28218.775	32587.979	20.520	22159.826	35.437
1.014	14.792			
1/1/2016 12:00:00 PM	93600.000	73.102	17.980	166.622
28209.979	32577.820	20.513	22152.920	35.448
1.014	14.790			
1/1/2016 12:05:00 PM	93900.000	73.078	17.980	166.568
28197.229	32563.279	20.502	22143.029	35.464
1.014	14.789			
1/1/2016 12:10:00 PM	94200.000	73.094	17.980	166.603
28212.723	32581.107	20.515	22155.152	35.445
1.014	14.788			
1/1/2016 12:15:00 PM	94500.000	73.078	17.981	166.568
28208.795	32576.381	20.512	22151.941	35.450
1.014	14.786			
1/1/2016 12:20:00 PM	94800.000	73.080	17.981	166.571
28218.670	32587.785	20.519	22159.695	35.438
1.014	14.786			
1/1/2016 12:25:00 PM	95100.000	73.079	17.980	166.570
28207.861	32575.688	20.511	22151.469	35.451
1.014	14.786			
1/1/2016 12:30:00 PM	95400.000	73.092	17.980	166.600
28217.910	32587.033	20.519	22159.186	35.438
1.014	14.786			
1/1/2016 12:35:00 PM	95700.000	73.080	17.980	166.571

28207.268	32574.873	20.511	22150.916	35.452
1.014	14.784			
1/1/2016 12:40:00 PM	96000.000	73.084	17.980	166.580
28216.154	32585.006	20.518	22157.807	35.441
1.014	14.781			
1/1/2016 12:45:00 PM	96300.000	73.097	17.981	166.611
28210.426	32577.951	20.513	22153.010	35.448
1.014	14.779			
1/1/2016 12:50:00 PM	96600.000	73.101	17.981	166.620
28217.350	32586.262	20.518	22158.658	35.439
1.014	14.780			
1/1/2016 12:55:00 PM	96900.000	73.099	17.980	166.616
28208.332	32575.918	20.511	22151.627	35.451
1.014	14.781			
1/1/2016 1:00:00 PM	97200.000	73.094	17.981	166.603
28220.268	32589.574	20.521	22160.912	35.436
1.014	14.782			
1/1/2016 1:05:00 PM	97500.000	73.086	17.981	166.585
28221.666	32591.246	20.522	22162.049	35.434
1.014	14.776			
1/1/2016 1:10:00 PM	97800.000	73.108	17.981	166.636
28211.289	32579.205	20.514	22153.859	35.447
1.014	14.771			
1/1/2016 1:15:00 PM	98100.000	73.092	17.980	166.598
28216.494	32585.344	20.518	22158.033	35.440
1.014	14.765			
1/1/2016 1:20:00 PM	98400.000	73.107	17.981	166.634
28224.818	32594.887	20.524	22164.523	35.430
1.014	14.768			
1/1/2016 1:25:00 PM	98700.000	73.106	17.981	166.630
28215.029	32583.525	20.517	22156.797	35.442
1.014	14.771			
1/1/2016 1:30:00 PM	99000.000	73.085	17.980	166.583
28211.453	32579.707	20.514	22154.201	35.447
1.014	14.774			
1/1/2016 1:35:00 PM	99300.000	73.104	17.981	166.627
28224.486	32594.377	20.524	22164.178	35.430
1.014	14.774			
1/1/2016 1:40:00 PM	99600.000	73.101	17.980	166.620
28208.791	32576.568	20.512	22152.066	35.450
1.014	14.773			
1/1/2016 1:45:00 PM	99900.000	73.091	17.980	166.596
28216.141	32584.990	20.518	22157.795	35.441
1.014	14.772			
1/1/2016 1:50:00 PM	100200.000	73.085	17.980	166.583
28219.020	32588.381	20.520	22160.102	35.437
1.014	14.774			
1/1/2016 1:55:00 PM	100500.000	73.079	17.980	166.570
28213.498	32582.004	20.515	22155.766	35.444
1.014	14.776			
1/1/2016 2:00:00 PM	100800.000	73.101	17.980	166.620
28211.328	32579.379	20.514	22153.980	35.447
1.014	14.778			
1/1/2016 2:05:00 PM	101100.000	73.102	17.980	166.622
28211.273	32579.316	20.514	22153.936	35.447
1.014	14.776			
1/1/2016 2:10:00 PM	101400.000	73.106	17.981	166.631
28199.615	32565.781	20.504	22144.734	35.461

1.014	14.775			
1/1/2016 2:15:00 PM	101700.000	73.085	17.980	166.582
28206.568	32573.936	20.510	22150.277	35.453
1.014	14.774			
1/1/2016 2:20:00 PM	102000.000	73.090	17.980	166.595
28217.801	32586.854	20.519	22159.061	35.439
1.014	14.772			
1/1/2016 2:25:00 PM	102300.000	73.113	17.980	166.648
28216.291	32585.229	20.518	22157.957	35.441
1.014	14.771			
1/1/2016 2:30:00 PM	102600.000	73.111	17.980	166.643
28198.861	32565.348	20.504	22144.438	35.462
1.014	14.769			
1/1/2016 2:35:00 PM	102900.000	73.091	17.980	166.597
28209.424	32577.299	20.512	22152.563	35.449
1.014	14.771			
1/1/2016 2:40:00 PM	103200.000	73.094	17.981	166.603
28219.285	32588.439	20.520	22160.139	35.437
1.014	14.773			
1/1/2016 2:45:00 PM	103500.000	73.110	17.981	166.641
28215.055	32583.611	20.517	22156.857	35.442
1.014	14.775			
1/1/2016 2:50:00 PM	103800.000	73.110	17.980	166.641
28200.201	32566.713	20.505	22145.367	35.461
1.014	14.775			
1/1/2016 2:55:00 PM	104100.000	73.111	17.981	166.642
28198.021	32563.939	20.503	22143.480	35.463
1.014	14.776			
1/1/2016 3:00:00 PM	104400.000	73.107	17.981	166.633
28202.439	32568.986	20.506	22146.912	35.458
1.014	14.776			
1/1/2016 3:05:00 PM	104700.000	73.088	17.981	166.589
28222.281	32591.955	20.522	22162.531	35.433
1.014	14.774			
1/1/2016 3:10:00 PM	105000.000	73.114	17.980	166.649
28215.443	32584.186	20.517	22157.248	35.442
1.014	14.773			
1/1/2016 3:15:00 PM	105300.000	73.093	17.980	166.600
28203.873	32570.889	20.508	22148.207	35.456
1.014	14.771			
1/1/2016 3:20:00 PM	105600.000	73.094	17.980	166.604
28210.320	32578.270	20.513	22153.223	35.448
1.014	14.771			
1/1/2016 3:25:00 PM	105900.000	73.094	17.980	166.603
28199.107	32565.266	20.504	22144.383	35.462
1.014	14.772			
1/1/2016 3:30:00 PM	106200.000	73.113	17.981	166.647
28201.461	32567.855	20.506	22146.143	35.459
1.014	14.772			
1/1/2016 3:35:00 PM	106500.000	73.094	17.980	166.605
28214.559	32583.293	20.516	22156.639	35.443
1.014	14.772			
1/1/2016 3:40:00 PM	106800.000	73.115	17.981	166.652
28222.693	32592.432	20.523	22162.855	35.432
1.014	14.771			
1/1/2016 3:45:00 PM	107100.000	73.112	17.981	166.646
28223.834	32593.750	20.524	22163.752	35.431

1.014	14.771			
1/1/2016 3:50:00 PM	107400.000	73.116	17.981	166.654
28212.824	32580.846	20.515	22154.977	35.445
1.014	14.772			
1/1/2016 3:55:00 PM	107700.000	73.097	17.980	166.611
28227.299	32598.068	20.527	22166.689	35.427
1.014	14.773			
1/1/2016 4:00:00 PM	108000.000	73.114	17.981	166.649
28215.273	32583.738	20.517	22156.941	35.442
1.014	14.774			
1/1/2016 4:05:00 PM	108300.000	73.114	17.981	166.650
28209.053	32576.623	20.512	22152.105	35.450
1.014	14.775			
1/1/2016 4:10:00 PM	108600.000	73.114	17.980	166.649
28218.551	32587.773	20.519	22159.688	35.438
1.014	14.775			
1/1/2016 4:15:00 PM	108900.000	73.096	17.980	166.607
28213.111	32581.686	20.515	22155.549	35.445
1.014	14.776			
1/1/2016 4:20:00 PM	109200.000	73.111	17.981	166.643
28215.254	32583.785	20.517	22156.975	35.442
1.014	14.776			
1/1/2016 4:25:00 PM	109500.000	73.090	17.980	166.595
28195.867	32561.770	20.501	22142.004	35.466
1.014	14.776			
1/1/2016 4:30:00 PM	109800.000	73.112	17.980	166.644
28196.307	32562.086	20.502	22142.219	35.466
1.014	14.776			
1/1/2016 4:35:00 PM	110100.000	73.119	17.981	166.660
28217.104	32585.977	20.518	22158.467	35.439
1.014	14.774			
1/1/2016 4:40:00 PM	110400.000	73.097	17.980	166.611
28223.002	32592.914	20.523	22163.184	35.432
1.014	14.773			
1/1/2016 4:45:00 PM	110700.000	73.099	17.980	166.615
28214.441	32583.221	20.516	22156.592	35.443
1.014	14.772			
1/1/2016 4:50:00 PM	111000.000	73.101	17.981	166.619
28223.775	32593.492	20.523	22163.576	35.431
1.014	14.772			
1/1/2016 4:55:00 PM	111300.000	73.120	17.980	166.662
28200.652	32567.234	20.505	22145.719	35.460
1.014	14.773			
1/1/2016 5:00:00 PM	111600.000	73.096	17.981	166.608
28222.135	32591.473	20.522	22162.203	35.433
1.014	14.773			
1/1/2016 5:05:00 PM	111900.000	73.096	17.981	166.609
28228.631	32599.289	20.527	22167.520	35.425
1.014	14.771			
1/1/2016 5:10:00 PM	112200.000	73.098	17.980	166.612
28219.760	32589.115	20.520	22160.600	35.436
1.014	14.769			
1/1/2016 5:15:00 PM	112500.000	73.122	17.980	166.668
28218.092	32587.436	20.519	22159.459	35.438
1.014	14.767			
1/1/2016 5:20:00 PM	112800.000	73.125	17.980	166.674
28207.006	32574.635	20.510	22150.754	35.452
1.014	14.767			

1/1/2016 5:25:00 PM	113100.000	73.101	17.980	166.619
28209.113	32576.875	20.512	22152.277	35.450
1.014	14.768			
1/1/2016 5:30:00 PM	113400.000	73.122	17.981	166.668
28218.215	32587.260	20.519	22159.336	35.438
1.014	14.768			
1/1/2016 5:35:00 PM	113700.000	73.125	17.980	166.674
28217.855	32586.971	20.519	22159.141	35.439
1.014	14.768			
1/1/2016 5:40:00 PM	114000.000	73.098	17.980	166.613
28230.682	32601.912	20.529	22169.303	35.422
1.014	14.767			
1/1/2016 5:45:00 PM	114300.000	73.099	17.980	166.614
28199.584	32565.936	20.504	22144.836	35.462
1.014	14.766			
1/1/2016 5:50:00 PM	114600.000	73.094	17.981	166.603
28200.049	32566.035	20.504	22144.904	35.461
1.014	14.768			
1/1/2016 5:55:00 PM	114900.000	73.096	17.980	166.608
28208.750	32576.520	20.512	22152.035	35.450
1.014	14.770			
1/1/2016 6:00:00 PM	115200.000	73.090	17.981	166.594
28208.119	32575.475	20.511	22151.324	35.451
1.014	14.772			
1/1/2016 6:05:00 PM	115500.000	73.111	17.980	166.644
28201.844	32568.609	20.506	22146.656	35.459
1.014	14.770			
1/1/2016 6:10:00 PM	115800.000	73.094	17.981	166.604
28211.906	32579.918	20.514	22154.344	35.446
1.014	14.769			
1/1/2016 6:15:00 PM	116100.000	73.097	17.981	166.611
28220.627	32590.045	20.521	22161.232	35.435
1.014	14.767			
1/1/2016 6:20:00 PM	116400.000	73.089	17.981	166.593
28213.619	32581.953	20.515	22155.729	35.444
1.014	14.770			
1/1/2016 6:25:00 PM	116700.000	73.108	17.980	166.636
28199.764	32566.023	20.504	22144.898	35.461
1.014	14.773			
1/1/2016 6:30:00 PM	117000.000	73.105	17.980	166.628
28213.369	32581.920	20.515	22155.707	35.444
1.014	14.776			
1/1/2016 6:35:00 PM	117300.000	73.103	17.981	166.625
28226.162	32596.313	20.525	22165.492	35.428
1.014	14.775			
1/1/2016 6:40:00 PM	117600.000	73.087	17.980	166.588
28216.035	32584.869	20.517	22157.713	35.441
1.014	14.773			
1/1/2016 6:45:00 PM	117900.000	73.106	17.980	166.631
28213.604	32582.189	20.516	22155.889	35.444
1.014	14.772			
1/1/2016 6:50:00 PM	118200.000	73.103	17.980	166.625
28218.295	32587.424	20.519	22159.451	35.438
1.014	14.772			
1/1/2016 6:55:00 PM	118500.000	73.085	17.981	166.584
28207.025	32574.213	20.510	22150.465	35.452
1.014	14.771			

1/1/2016 7:00:00 PM	118800.000	73.086	17.981	166.585
28207.654	32574.939	20.511	22150.961	35.451
1.014	14.771			
1/1/2016 7:05:00 PM	119100.000	73.082	17.981	166.577
28213.787	32582.090	20.516	22155.822	35.444
1.014	14.773			
1/1/2016 7:10:00 PM	119400.000	73.097	17.980	166.611
28219.160	32588.734	20.520	22160.342	35.437
1.014	14.774			
1/1/2016 7:15:00 PM	119700.000	73.090	17.981	166.595
28209.398	32577.023	20.512	22152.379	35.449
1.014	14.776			
1/1/2016 7:20:00 PM	120000.000	73.101	17.980	166.619
28210.609	32578.795	20.513	22153.582	35.448
1.014	14.776			
1/1/2016 7:25:00 PM	120300.000	73.097	17.981	166.610
28207.459	32574.713	20.510	22150.807	35.452
1.014	14.776			
1/1/2016 7:30:00 PM	120600.000	73.090	17.980	166.595
28194.891	32560.449	20.501	22141.105	35.467
1.014	14.777			
1/1/2016 7:35:00 PM	120900.000	73.092	17.980	166.600
28209.641	32577.549	20.512	22152.734	35.449
1.014	14.777			
1/1/2016 7:40:00 PM	121200.000	73.090	17.980	166.595
28213.576	32582.158	20.516	22155.869	35.444
1.014	14.776			
1/1/2016 7:45:00 PM	121500.000	73.091	17.980	166.597
28212.389	32580.787	20.515	22154.936	35.445
1.014	14.776			
1/1/2016 7:50:00 PM	121800.000	73.086	17.981	166.585
28211.828	32579.828	20.514	22154.283	35.446
1.014	14.777			
1/1/2016 7:55:00 PM	122100.000	73.088	17.980	166.590
28220.639	32590.186	20.521	22161.328	35.435
1.014	14.777			
1/1/2016 8:00:00 PM	122400.000	73.065	17.980	166.538
28210.664	32578.666	20.513	22153.494	35.448
1.014	14.778			
1/1/2016 8:05:00 PM	122700.000	73.063	17.980	166.534
28220.088	32589.613	20.521	22160.938	35.436
1.014	14.778			
1/1/2016 8:10:00 PM	123000.000	73.065	17.981	166.537
28205.910	32572.994	20.509	22149.637	35.454
1.014	14.778			
1/1/2016 8:15:00 PM	123300.000	73.064	17.980	166.535
28213.789	32582.275	20.516	22155.949	35.444
1.014	14.778			
1/1/2016 8:20:00 PM	123600.000	73.083	17.980	166.579
28212.949	32581.436	20.515	22155.379	35.445
1.014	14.779			
1/1/2016 8:25:00 PM	123900.000	73.078	17.980	166.568
28201.117	32567.641	20.506	22145.998	35.460
1.014	14.779			
1/1/2016 8:30:00 PM	124200.000	73.061	17.981	166.528
28205.105	32572.121	20.509	22149.045	35.455
1.014	14.780			
1/1/2016 8:35:00 PM	124500.000	73.055	17.980	166.516

28208.996	32576.869	20.512	22152.273	35.450
1.014	14.779			
1/1/2016 8:40:00 PM	124800.000	73.057	17.980	166.519
28216.744	32585.688	20.518	22158.268	35.440
1.014	14.778			
1/1/2016 8:45:00 PM	125100.000	73.082	17.981	166.576
28210.996	32578.867	20.513	22153.631	35.447
1.014	14.777			
1/1/2016 8:50:00 PM	125400.000	73.072	17.980	166.554
28194.424	32560.041	20.500	22140.828	35.468
1.014	14.778			
1/1/2016 8:55:00 PM	125700.000	73.049	17.980	166.501
28200.605	32567.361	20.505	22145.807	35.460
1.014	14.779			
1/1/2016 9:00:00 PM	126000.000	73.072	17.980	166.555
28198.570	32564.646	20.503	22143.961	35.463
1.014	14.780			
1/1/2016 9:05:00 PM	126300.000	73.074	17.980	166.558
28219.086	32588.391	20.520	22160.107	35.437
1.014	14.780			
1/1/2016 9:10:00 PM	126600.000	73.048	17.980	166.499
28214.240	32582.988	20.516	22156.434	35.443
1.014	14.781			
1/1/2016 9:15:00 PM	126900.000	73.064	17.980	166.535
28226.574	32597.232	20.526	22166.121	35.428
1.014	14.782			
1/1/2016 9:20:00 PM	127200.000	73.068	17.980	166.544
28218.902	32588.244	20.520	22160.008	35.437
1.014	14.781			
1/1/2016 9:25:00 PM	127500.000	73.067	17.980	166.541
28223.971	32594.291	20.524	22164.117	35.431
1.014	14.781			
1/1/2016 9:30:00 PM	127800.000	73.064	17.980	166.536
28198.486	32564.602	20.503	22143.930	35.463
1.014	14.781			
1/1/2016 9:35:00 PM	128100.000	73.039	17.980	166.478
28215.699	32584.426	20.517	22157.412	35.441
1.014	14.784			
1/1/2016 9:40:00 PM	128400.000	73.053	17.980	166.510
28220.260	32590.006	20.521	22161.205	35.436
1.014	14.787			
1/1/2016 9:45:00 PM	128700.000	73.049	17.981	166.502
28192.619	32557.645	20.499	22139.201	35.470
1.014	14.790			
1/1/2016 9:50:00 PM	129000.000	73.033	17.980	166.465
28197.174	32563.217	20.502	22142.990	35.465
1.014	14.788			
1/1/2016 9:55:00 PM	129300.000	73.032	17.980	166.462
28204.273	32571.729	20.508	22148.777	35.456
1.014	14.785			
1/1/2016 10:00:00 PM	129600.000	73.056	17.980	166.518
28202.807	32569.902	20.507	22147.533	35.457
1.014	14.782			
1/1/2016 10:05:00 PM	129900.000	73.056	17.980	166.518
28215.699	32584.480	20.517	22157.447	35.441
1.014	14.783			
1/1/2016 10:10:00 PM	130200.000	73.057	17.980	166.520

28218.807	32588.262	20.520	22160.020	35.437
1.014	14.784			
1/1/2016 10:15:00 PM	130500.000	73.052	17.981	166.507
28205.033	32572.037	20.509	22148.986	35.455
1.014	14.785			
1/1/2016 10:20:00 PM	130800.000	73.055	17.980	166.516
28213.672	32582.332	20.516	22155.986	35.444
1.014	14.783			
1/1/2016 10:25:00 PM	131100.000	73.054	17.981	166.512
28216.404	32585.113	20.518	22157.879	35.440
1.014	14.781			
1/1/2016 10:30:00 PM	131400.000	73.041	17.980	166.484
28218.826	32588.156	20.520	22159.949	35.437
1.014	14.779			
1/1/2016 10:35:00 PM	131700.000	73.033	17.980	166.465
28209.660	32577.637	20.512	22152.793	35.449
1.014	14.780			
1/1/2016 10:40:00 PM	132000.000	73.051	17.980	166.506
28215.449	32584.504	20.517	22157.463	35.442
1.014	14.781			
1/1/2016 10:45:00 PM	132300.000	73.051	17.980	166.506
28217.766	32586.867	20.519	22159.070	35.439
1.014	14.781			
1/1/2016 10:50:00 PM	132600.000	73.053	17.980	166.510
28205.525	32572.924	20.509	22149.590	35.454
1.014	14.780			
1/1/2016 10:55:00 PM	132900.000	73.033	17.980	166.465
28218.559	32587.912	20.520	22159.783	35.438
1.014	14.780			
1/1/2016 11:00:00 PM	133200.000	73.054	17.980	166.511
28220.857	32590.383	20.521	22161.463	35.435
1.014	14.779			
1/1/2016 11:05:00 PM	133500.000	73.054	17.980	166.511
28224.881	32595.084	20.525	22164.660	35.430
1.014	14.780			
1/1/2016 11:10:00 PM	133800.000	73.032	17.980	166.462
28213.289	32581.891	20.515	22155.688	35.444
1.014	14.782			
1/1/2016 11:15:00 PM	134100.000	73.046	17.980	166.494
28222.221	32592.012	20.522	22162.568	35.433
1.014	14.783			
1/1/2016 11:20:00 PM	134400.000	73.028	17.980	166.454
28209.986	32578.141	20.513	22153.137	35.448
1.014	14.783			
1/1/2016 11:25:00 PM	134700.000	73.046	17.980	166.493
28212.840	32581.309	20.515	22155.293	35.445
1.014	14.783			
1/1/2016 11:30:00 PM	135000.000	73.046	17.980	166.494
28217.926	32587.363	20.519	22159.408	35.438
1.014	14.784			
1/1/2016 11:35:00 PM	135300.000	73.047	17.980	166.497
28217.727	32587.205	20.519	22159.301	35.439
1.014	14.783			
1/1/2016 11:40:00 PM	135600.000	73.047	17.980	166.496
28221.518	32591.199	20.522	22162.016	35.434
1.014	14.783			
1/1/2016 11:45:00 PM	135900.000	73.046	17.980	166.494
28214.342	32582.979	20.516	22156.428	35.443

1.014	14.783			
1/1/2016 11:50:00 PM	136200.000	73.045	17.980	166.491
28211.578	32579.668	20.514	22154.176	35.446
1.014	14.783			
1/1/2016 11:55:00 PM	136500.000	73.047	17.980	166.496
28212.928	32581.346	20.515	22155.314	35.445
1.014	14.783			
1/2/2016 12:00:00 AM	136800.000	73.026	17.980	166.448
28208.461	32576.434	20.512	22151.977	35.450
1.014	14.783			
1/2/2016 12:05:00 AM	137100.000	73.046	17.980	166.495
28207.471	32574.924	20.511	22150.949	35.452
1.014	14.782			
1/2/2016 12:10:00 AM	137400.000	73.051	17.980	166.506
28215.371	32584.232	20.517	22157.277	35.442
1.014	14.781			
1/2/2016 12:15:00 AM	137700.000	73.034	17.981	166.468
28210.273	32578.033	20.513	22153.063	35.448
1.014	14.780			
1/2/2016 12:20:00 AM	138000.000	73.051	17.981	166.506
28212.738	32580.936	20.515	22155.039	35.445
1.014	14.780			
1/2/2016 12:25:00 AM	138300.000	73.051	17.980	166.506
28223.053	32593.166	20.523	22163.355	35.432
1.014	14.780			
1/2/2016 12:30:00 AM	138600.000	73.048	17.980	166.499
28220.787	32590.549	20.521	22161.576	35.435
1.014	14.780			
1/2/2016 12:35:00 AM	138900.000	73.056	17.980	166.518
28204.408	32571.506	20.508	22148.627	35.455
1.014	14.777			
1/2/2016 12:40:00 AM	139200.000	73.058	17.980	166.522
28203.021	32570.033	20.507	22147.625	35.457
1.014	14.773			
1/2/2016 12:45:00 AM	139500.000	73.060	17.981	166.526
28208.811	32576.344	20.512	22151.914	35.450
1.014	14.770			
1/2/2016 12:50:00 AM	139800.000	73.062	17.980	166.531
28202.475	32569.209	20.507	22147.064	35.458
1.014	14.773			
1/2/2016 12:55:00 AM	140100.000	73.059	17.980	166.525
28214.006	32582.719	20.516	22156.250	35.443
1.014	14.776			
1/2/2016 1:00:00 AM	140400.000	73.036	17.980	166.472
28214.648	32583.525	20.517	22156.797	35.443
1.014	14.779			
1/2/2016 1:05:00 AM	140700.000	73.055	17.980	166.516
28214.986	32583.723	20.517	22156.934	35.442
1.014	14.777			
1/2/2016 1:10:00 AM	141000.000	73.043	17.980	166.488
28200.545	32567.045	20.505	22145.592	35.460
1.014	14.775			
1/2/2016 1:15:00 AM	141300.000	73.066	17.980	166.541
28206.344	32573.869	20.510	22150.232	35.453
1.014	14.773			
1/2/2016 1:20:00 AM	141600.000	73.065	17.980	166.537
28213.898	32582.658	20.516	22156.209	35.444

1.014	14.774			
1/2/2016 1:25:00 AM	141900.000	73.046	17.981	166.493
28224.459	32594.471	20.524	22164.242	35.430
1.014	14.774			
1/2/2016 1:30:00 AM	142200.000	73.046	17.980	166.493
28221.207	32590.906	20.522	22161.818	35.434
1.014	14.775			
1/2/2016 1:35:00 AM	142500.000	73.066	17.981	166.541
28231.326	32602.400	20.530	22169.635	35.422
1.014	14.773			
1/2/2016 1:40:00 AM	142800.000	73.069	17.980	166.546
28215.266	32584.045	20.517	22157.152	35.442
1.014	14.771			
1/2/2016 1:45:00 AM	143100.000	73.051	17.980	166.506
28214.025	32582.932	20.516	22156.395	35.443
1.014	14.770			
1/2/2016 1:50:00 AM	143400.000	73.055	17.980	166.515
28218.219	32587.455	20.519	22159.469	35.438
1.014	14.769			
1/2/2016 1:55:00 AM	143700.000	73.079	17.980	166.569
28209.061	32577.197	20.512	22152.494	35.450
1.014	14.767			
1/2/2016 2:00:00 AM	144000.000	73.082	17.980	166.575
28217.213	32586.229	20.518	22158.637	35.439
1.014	14.766			
1/2/2016 2:05:00 AM	144300.000	73.077	17.980	166.564
28217.158	32586.111	20.518	22158.559	35.439
1.014	14.768			
1/2/2016 2:10:00 AM	144600.000	73.057	17.980	166.519
28226.322	32596.695	20.526	22165.754	35.428
1.014	14.770			
1/2/2016 2:15:00 AM	144900.000	73.076	17.981	166.563
28214.459	32582.922	20.516	22156.387	35.443
1.014	14.773			
1/2/2016 2:20:00 AM	145200.000	73.065	17.980	166.538
28213.301	32581.711	20.515	22155.564	35.444
1.014	14.769			
1/2/2016 2:25:00 AM	145500.000	73.086	17.980	166.584
28212.441	32580.848	20.515	22154.979	35.445
1.014	14.766			
1/2/2016 2:30:00 AM	145800.000	73.099	17.981	166.616
28205.518	32572.541	20.509	22149.328	35.454
1.014	14.763			
1/2/2016 2:35:00 AM	146100.000	73.090	17.980	166.594
28214.613	32583.357	20.516	22156.686	35.443
1.014	14.766			
1/2/2016 2:40:00 AM	146400.000	73.078	17.981	166.567
28205.781	32572.775	20.509	22149.488	35.454
1.014	14.768			
1/2/2016 2:45:00 AM	146700.000	73.094	17.980	166.604
28205.580	32572.859	20.509	22149.545	35.454
1.014	14.771			
1/2/2016 2:50:00 AM	147000.000	73.077	17.980	166.565
28195.281	32561.031	20.501	22141.502	35.467
1.014	14.770			
1/2/2016 2:55:00 AM	147300.000	73.102	17.980	166.622
28219.770	32589.246	20.520	22160.688	35.436
1.014	14.769			

1/2/2016 3:00:00 AM	147600.000	73.085	17.980	166.583
28213.197	32581.902	20.515	22155.695	35.444
1.014	14.769			
1/2/2016 3:05:00 AM	147900.000	73.086	17.980	166.586
28202.725	32569.443	20.507	22147.225	35.458
1.014	14.769			
1/2/2016 3:10:00 AM	148200.000	73.101	17.980	166.621
28198.330	32564.553	20.503	22143.898	35.463
1.014	14.769			
1/2/2016 3:15:00 AM	148500.000	73.109	17.980	166.637
28207.512	32575.529	20.511	22151.359	35.452
1.014	14.769			
1/2/2016 3:20:00 AM	148800.000	73.109	17.980	166.638
28216.688	32586.066	20.518	22158.527	35.440
1.014	14.769			
1/2/2016 3:25:00 AM	149100.000	73.092	17.980	166.599
28221.789	32591.707	20.522	22162.363	35.434
1.014	14.770			
1/2/2016 3:30:00 AM	149400.000	73.111	17.980	166.642
28203.652	32570.762	20.508	22148.121	35.456
1.014	14.770			
1/2/2016 3:35:00 AM	149700.000	73.118	17.980	166.658
28214.100	32582.764	20.516	22156.281	35.443
1.014	14.767			
1/2/2016 3:40:00 AM	150000.000	73.122	17.980	166.668
28216.018	32584.848	20.517	22157.697	35.441
1.014	14.764			
1/2/2016 3:45:00 AM	150300.000	73.106	17.980	166.630
28192.908	32558.107	20.499	22139.516	35.470
1.014	14.761			
1/2/2016 3:50:00 AM	150600.000	73.125	17.980	166.675
28213.682	32582.096	20.516	22155.826	35.444
1.014	14.763			
1/2/2016 3:55:00 AM	150900.000	73.128	17.981	166.681
28213.797	32582.033	20.515	22155.785	35.444
1.014	14.764			
1/2/2016 4:00:00 AM	151200.000	73.126	17.980	166.677
28215.859	32585.109	20.518	22157.877	35.441
1.014	14.766			
1/2/2016 4:05:00 AM	151500.000	73.113	17.980	166.648
28200.313	32566.842	20.505	22145.455	35.461
1.014	14.765			
1/2/2016 4:10:00 AM	151800.000	73.117	17.981	166.655
28217.252	32586.092	20.518	22158.545	35.439
1.014	14.764			
1/2/2016 4:15:00 AM	152100.000	73.136	17.980	166.700
28210.355	32578.309	20.513	22153.252	35.448
1.014	14.763			
1/2/2016 4:20:00 AM	152400.000	73.142	17.980	166.713
28205.668	32572.842	20.509	22149.535	35.454
1.014	14.762			
1/2/2016 4:25:00 AM	152700.000	73.146	17.980	166.723
28213.227	32581.756	20.515	22155.594	35.444
1.014	14.761			
1/2/2016 4:30:00 AM	153000.000	73.141	17.980	166.710
28213.928	32582.693	20.516	22156.232	35.443
1.014	14.761			

1/2/2016 4:35:00 AM	153300.000	73.127	17.980	166.679
28211.453	32579.523	20.514	22154.078	35.447
1.014	14.761			
1/2/2016 4:40:00 AM	153600.000	73.145	17.980	166.721
28211.898	32580.092	20.514	22154.465	35.446
1.014	14.760			
1/2/2016 4:45:00 AM	153900.000	73.130	17.980	166.686
28216.451	32585.541	20.518	22158.168	35.440
1.014	14.760			
1/2/2016 4:50:00 AM	154200.000	73.151	17.980	166.734
28215.633	32584.596	20.517	22157.525	35.441
1.014	14.761			
1/2/2016 4:55:00 AM	154500.000	73.150	17.980	166.732
28214.604	32583.162	20.516	22156.551	35.443
1.014	14.762			
1/2/2016 5:00:00 AM	154800.000	73.152	17.981	166.735
28219.195	32588.336	20.520	22160.068	35.437
1.014	14.763			
1/2/2016 5:05:00 AM	155100.000	73.151	17.981	166.734
28205.051	32572.059	20.509	22149.000	35.455
1.014	14.762			
1/2/2016 5:10:00 AM	155400.000	73.137	17.980	166.702
28213.906	32582.539	20.516	22156.129	35.444
1.014	14.762			
1/2/2016 5:15:00 AM	155700.000	73.158	17.980	166.750
28205.635	32572.988	20.509	22149.633	35.454
1.014	14.762			
1/2/2016 5:20:00 AM	156000.000	73.157	17.980	166.748
28214.738	32583.316	20.516	22156.658	35.442
1.014	14.761			
1/2/2016 5:25:00 AM	156300.000	73.165	17.980	166.766
28212.094	32580.316	20.514	22154.615	35.446
1.014	14.761			
1/2/2016 5:30:00 AM	156600.000	73.164	17.981	166.764
28220.867	32590.322	20.521	22161.420	35.435
1.014	14.761			
1/2/2016 5:35:00 AM	156900.000	73.165	17.980	166.766
28212.627	32580.879	20.515	22154.998	35.445
1.014	14.762			
1/2/2016 5:40:00 AM	157200.000	73.160	17.980	166.755
28217.535	32586.547	20.519	22158.854	35.439
1.014	14.763			
1/2/2016 5:45:00 AM	157500.000	73.147	17.981	166.725
28203.334	32569.949	20.507	22147.568	35.457
1.014	14.764			
1/2/2016 5:50:00 AM	157800.000	73.145	17.980	166.720
28212.471	32580.816	20.515	22154.957	35.445
1.014	14.764			
1/2/2016 5:55:00 AM	158100.000	73.165	17.980	166.766
28211.990	32580.143	20.514	22154.500	35.446
1.014	14.763			
1/2/2016 6:00:00 AM	158400.000	73.153	17.980	166.738
28208.174	32575.789	20.511	22151.539	35.451
1.014	14.762			
1/2/2016 6:05:00 AM	158700.000	73.177	17.981	166.793
28220.672	32590.098	20.521	22161.268	35.435
1.014	14.761			
1/2/2016 6:10:00 AM	159000.000	73.179	17.981	166.797

28209.113	32576.750	20.512	22152.191	35.450
1.014	14.760			
1/2/2016 6:15:00 AM	159300.000	73.174	17.980	166.787
28199.246	32565.609	20.504	22144.617	35.462
1.014	14.758			
1/2/2016 6:20:00 AM	159600.000	73.180	17.980	166.800
28220.051	32589.764	20.521	22161.039	35.436
1.014	14.758			
1/2/2016 6:25:00 AM	159900.000	73.156	17.981	166.746
28224.074	32594.027	20.524	22163.941	35.431
1.014	14.759			
1/2/2016 6:30:00 AM	160200.000	73.179	17.981	166.799
28207.396	32574.711	20.510	22150.805	35.452
1.014	14.759			
1/2/2016 6:35:00 AM	160500.000	73.184	17.980	166.809
28208.602	32576.230	20.511	22151.838	35.450
1.014	14.760			
1/2/2016 6:40:00 AM	160800.000	73.178	17.981	166.796
28227.004	32597.285	20.526	22166.154	35.427
1.014	14.762			
1/2/2016 6:45:00 AM	161100.000	73.177	17.981	166.792
28211.734	32579.650	20.514	22154.164	35.446
1.014	14.764			
1/2/2016 6:50:00 AM	161400.000	73.178	17.981	166.795
28214.072	32582.477	20.516	22156.086	35.443
1.014	14.762			
1/2/2016 6:55:00 AM	161700.000	73.159	17.981	166.752
28208.494	32575.979	20.511	22151.666	35.450
1.014	14.760			
1/2/2016 7:00:00 AM	162000.000	73.183	17.980	166.807
28221.959	32591.967	20.522	22162.539	35.433
1.014	14.758			
1/2/2016 7:05:00 AM	162300.000	73.179	17.980	166.797
28213.453	32582.080	20.516	22155.814	35.444
1.014	14.758			
1/2/2016 7:10:00 AM	162600.000	73.163	17.981	166.760
28221.566	32591.131	20.522	22161.971	35.434
1.014	14.758			
1/2/2016 7:15:00 AM	162900.000	73.183	17.981	166.806
28223.416	32593.078	20.523	22163.293	35.432
1.014	14.759			
1/2/2016 7:20:00 AM	163200.000	73.184	17.981	166.809
28214.283	32582.719	20.516	22156.250	35.443
1.014	14.757			
1/2/2016 7:25:00 AM	163500.000	73.185	17.980	166.811
28225.607	32596.053	20.525	22165.318	35.429
1.014	14.756			
1/2/2016 7:30:00 AM	163800.000	73.163	17.981	166.762
28201.762	32567.887	20.506	22146.166	35.459
1.014	14.754			
1/2/2016 7:35:00 AM	164100.000	73.183	17.980	166.807
28186.822	32551.262	20.494	22134.859	35.478
1.014	14.757			
1/2/2016 7:40:00 AM	164400.000	73.179	17.981	166.798
28211.730	32579.771	20.514	22154.246	35.446
1.014	14.759			
1/2/2016 7:45:00 AM	164700.000	73.177	17.981	166.792

28221.119	32590.301	20.521	22161.406	35.434
1.014	14.761			
1/2/2016 7:50:00 AM	165000.000	73.179	17.980	166.798
28216.703	32585.705	20.518	22158.279	35.440
1.014	14.760			
1/2/2016 7:55:00 AM	165300.000	73.157	17.980	166.748
28207.107	32574.504	20.510	22150.664	35.452
1.014	14.759			
1/2/2016 8:00:00 AM	165600.000	73.160	17.980	166.755
28219.139	32588.518	20.520	22160.193	35.437
1.014	14.758			
1/2/2016 8:05:00 AM	165900.000	73.157	17.980	166.748
28215.428	32584.426	20.517	22157.412	35.442
1.014	14.760			
1/2/2016 8:10:00 AM	166200.000	73.160	17.980	166.754
28213.719	32582.258	20.516	22155.938	35.444
1.014	14.761			
1/2/2016 8:15:00 AM	166500.000	73.175	17.981	166.788
28206.523	32573.758	20.510	22150.158	35.453
1.014	14.763			
1/2/2016 8:20:00 AM	166800.000	73.155	17.981	166.742
28211.332	32579.311	20.514	22153.932	35.447
1.014	14.763			
1/2/2016 8:25:00 AM	167100.000	73.177	17.980	166.792
28205.059	32572.139	20.509	22149.055	35.455
1.014	14.763			
1/2/2016 8:30:00 AM	167400.000	73.172	17.981	166.780
28212.570	32580.742	20.515	22154.906	35.445
1.014	14.763			
1/2/2016 8:35:00 AM	167700.000	73.151	17.980	166.733
28204.756	32571.789	20.508	22148.816	35.455
1.014	14.764			
1/2/2016 8:40:00 AM	168000.000	73.168	17.980	166.772
28219.756	32589.166	20.520	22160.633	35.436
1.014	14.765			
1/2/2016 8:45:00 AM	168300.000	73.168	17.980	166.773
28210.012	32578.170	20.513	22153.158	35.448
1.014	14.766			
1/2/2016 8:50:00 AM	168600.000	73.151	17.981	166.733
28220.357	32589.678	20.521	22160.982	35.435
1.014	14.765			
1/2/2016 8:55:00 AM	168900.000	73.144	17.981	166.717
28214.578	32583.004	20.516	22156.445	35.443
1.014	14.764			
1/2/2016 9:00:00 AM	169200.000	73.165	17.981	166.767
28216.434	32584.830	20.517	22157.686	35.440
1.014	14.763			
1/2/2016 9:05:00 AM	169500.000	73.167	17.981	166.771
28217.004	32585.736	20.518	22158.303	35.440
1.014	14.762			
1/2/2016 9:10:00 AM	169800.000	73.170	17.980	166.778
28206.986	32574.365	20.510	22150.570	35.452
1.014	14.761			
1/2/2016 9:15:00 AM	170100.000	73.169	17.981	166.775
28217.234	32586.072	20.518	22158.531	35.439
1.014	14.760			
1/2/2016 9:20:00 AM	170400.000	73.146	17.980	166.721
28194.580	32560.092	20.500	22140.863	35.468

1.014	14.760			
1/2/2016 9:25:00 AM	170700.000	73.150	17.980	166.732
28203.990	32570.959	20.508	22148.252	35.456
1.014	14.761			
1/2/2016 9:30:00 AM	171000.000	73.142	17.980	166.712
28208.990	32576.797	20.512	22152.223	35.450
1.014	14.761			
1/2/2016 9:35:00 AM	171300.000	73.143	17.980	166.716
28213.924	32582.496	20.516	22156.100	35.443
1.014	14.760			
1/2/2016 9:40:00 AM	171600.000	73.142	17.981	166.713
28207.871	32575.314	20.511	22151.217	35.451
1.014	14.759			
1/2/2016 9:45:00 AM	171900.000	73.156	17.981	166.746
28210.248	32578.004	20.513	22153.043	35.448
1.014	14.759			
1/2/2016 9:50:00 AM	172200.000	73.158	17.980	166.750
28200.229	32566.680	20.505	22145.344	35.461
1.014	14.759			
1/2/2016 9:55:00 AM	172500.000	73.138	17.981	166.704
28217.869	32586.547	20.519	22158.854	35.439
1.014	14.760			
1/2/2016 10:00:00 AM	172800.000	73.151	17.981	166.734
28212.004	32580.088	20.514	22154.463	35.446
1.014	14.760			
1/2/2016 10:05:00 AM	173100.000	73.149	17.980	166.730
28207.643	32575.176	20.511	22151.121	35.451
1.014	14.763			
1/2/2016 10:10:00 AM	173400.000	73.143	17.980	166.715
28204.139	32571.195	20.508	22148.412	35.456
1.014	14.766			
1/2/2016 10:15:00 AM	173700.000	73.138	17.980	166.704
28211.359	32579.727	20.514	22154.217	35.447
1.014	14.770			
1/2/2016 10:20:00 AM	174000.000	73.134	17.980	166.696
28218.328	32587.463	20.519	22159.475	35.438
1.014	14.768			
1/2/2016 10:25:00 AM	174300.000	73.117	17.980	166.656
28224.633	32594.744	20.524	22164.428	35.430
1.014	14.767			
1/2/2016 10:30:00 AM	174600.000	73.136	17.980	166.699
28213.801	32582.287	20.516	22155.957	35.444
1.014	14.766			
1/2/2016 10:35:00 AM	174900.000	73.136	17.980	166.699
28218.322	32587.455	20.519	22159.469	35.438
1.014	14.762			
1/2/2016 10:40:00 AM	175200.000	73.144	17.980	166.718
28208.227	32575.916	20.511	22151.625	35.451
1.014	14.757			
1/2/2016 10:45:00 AM	175500.000	73.147	17.981	166.725
28204.211	32571.088	20.508	22148.340	35.456
1.014	14.753			
1/2/2016 10:50:00 AM	175800.000	73.125	17.981	166.675
28213.910	32582.289	20.516	22155.959	35.444
1.014	14.755			
1/2/2016 10:55:00 AM	176100.000	73.138	17.981	166.705
28202.965	32569.648	20.507	22147.361	35.457

1.014	14.757			
1/2/2016 11:00:00 AM	176400.000	73.132	17.981	166.691
28220.627	32589.990	20.521	22161.193	35.435
1.014	14.760			
1/2/2016 11:05:00 AM	176700.000	73.109	17.980	166.639
28211.170	32579.195	20.514	22153.854	35.447
1.014	14.758			
1/2/2016 11:10:00 AM	177000.000	73.131	17.980	166.688
28208.961	32576.645	20.512	22152.121	35.450
1.014	14.757			
1/2/2016 11:15:00 AM	177300.000	73.128	17.980	166.680
28213.387	32581.875	20.515	22155.676	35.444
1.014	14.755			
1/2/2016 11:20:00 AM	177600.000	73.129	17.980	166.685
28209.232	32577.143	20.512	22152.459	35.449
1.014	14.753			
1/2/2016 11:25:00 AM	177900.000	73.114	17.980	166.649
28208.584	32576.264	20.511	22151.861	35.450
1.014	14.751			
1/2/2016 11:30:00 AM	178200.000	73.130	17.981	166.687
28210.045	32577.824	20.513	22152.922	35.448
1.014	14.750			
1/2/2016 11:35:00 AM	178500.000	73.111	17.980	166.643
28221.314	32591.029	20.522	22161.902	35.434
1.014	14.748			
1/2/2016 11:40:00 AM	178800.000	73.129	17.980	166.685
28210.223	32578.285	20.513	22153.234	35.448
1.014	14.747			
1/2/2016 11:45:00 AM	179100.000	73.106	17.980	166.632
28207.076	32574.652	20.510	22150.764	35.452
1.014	14.745			
1/2/2016 11:50:00 AM	179400.000	73.110	17.980	166.641
28212.520	32581.191	20.515	22155.213	35.445
1.014	14.744			
1/2/2016 11:55:00 AM	179700.000	73.123	17.980	166.670
28200.121	32566.684	20.505	22145.348	35.461
1.014	14.743			
1/2/2016 12:00:00 PM	180000.000	73.127	17.980	166.679
28217.479	32586.480	20.519	22158.809	35.439
1.014	14.742			
1/2/2016 12:05:00 PM	180300.000	73.104	17.980	166.626
28192.277	32557.625	20.499	22139.188	35.471
1.014	14.741			
1/2/2016 12:10:00 PM	180600.000	73.097	17.980	166.611
28212.012	32580.168	20.514	22154.514	35.446
1.014	14.740			
1/2/2016 12:15:00 PM	180900.000	73.121	17.980	166.666
28202.621	32569.635	20.507	22147.352	35.458
1.014	14.738			
1/2/2016 12:20:00 PM	181200.000	73.121	17.980	166.666
28208.867	32576.848	20.512	22152.256	35.450
1.014	14.736			
1/2/2016 12:25:00 PM	181500.000	73.122	17.980	166.668
28206.723	32574.061	20.510	22150.361	35.453
1.014	14.733			
1/2/2016 12:30:00 PM	181800.000	73.120	17.981	166.663
28216.813	32585.584	20.518	22158.197	35.440
1.014	14.731			

1/2/2016 12:35:00 PM	182100.000	73.105	17.980	166.630
28220.307	32589.748	20.521	22161.029	35.435
1.014	14.728			
1/2/2016 12:40:00 PM	182400.000	73.123	17.980	166.670
28205.207	32572.557	20.509	22149.340	35.454
1.014	14.725			
1/2/2016 12:45:00 PM	182700.000	73.125	17.980	166.674
28226.441	32597.270	20.526	22166.143	35.428
1.014	14.722			
1/2/2016 12:50:00 PM	183000.000	73.100	17.980	166.617
28218.980	32588.270	20.520	22160.025	35.437
1.014	14.724			
1/2/2016 12:55:00 PM	183300.000	73.122	17.980	166.667
28219.676	32589.020	20.520	22160.533	35.436
1.014	14.727			
1/2/2016 1:00:00 PM	183600.000	73.111	17.980	166.642
28228.539	32599.254	20.527	22167.494	35.425
1.014	14.729			
1/2/2016 1:05:00 PM	183900.000	73.095	17.980	166.606
28210.654	32578.848	20.513	22153.617	35.448
1.014	14.726			
1/2/2016 1:10:00 PM	184200.000	73.120	17.980	166.663
28212.158	32580.521	20.514	22154.754	35.446
1.014	14.722			
1/2/2016 1:15:00 PM	184500.000	73.123	17.980	166.670
28212.504	32580.920	20.515	22155.027	35.445
1.014	14.719			
1/2/2016 1:20:00 PM	184800.000	73.102	17.980	166.622
28208.332	32575.973	20.511	22151.662	35.451
1.014	14.718			
1/2/2016 1:25:00 PM	185100.000	73.121	17.981	166.665
28202.820	32569.426	20.507	22147.209	35.457
1.014	14.716			
1/2/2016 1:30:00 PM	185400.000	73.105	17.980	166.628
28210.008	32577.908	20.513	22152.979	35.448
1.014	14.715			
1/2/2016 1:35:00 PM	185700.000	73.100	17.980	166.617
28210.830	32579.051	20.513	22153.756	35.447
1.014	14.716			
1/2/2016 1:40:00 PM	186000.000	73.098	17.980	166.613
28220.912	32590.813	20.522	22161.752	35.435
1.014	14.717			
1/2/2016 1:45:00 PM	186300.000	73.098	17.980	166.613
28224.027	32594.410	20.524	22164.199	35.431
1.014	14.718			
1/2/2016 1:50:00 PM	186600.000	73.097	17.980	166.610
28212.547	32580.840	20.515	22154.973	35.445
1.014	14.717			
1/2/2016 1:55:00 PM	186900.000	73.117	17.980	166.657
28221.018	32590.814	20.522	22161.754	35.435
1.014	14.717			
1/2/2016 2:00:00 PM	187200.000	73.098	17.980	166.613
28204.453	32571.686	20.508	22148.746	35.455
1.014	14.716			
1/2/2016 2:05:00 PM	187500.000	73.115	17.980	166.652
28232.029	32603.531	20.530	22170.402	35.421
1.014	14.717			

1/2/2016 2:10:00 PM	187800.000	73.118	17.980	166.658
28211.297	32579.527	20.514	22154.080	35.447
1.014	14.717			
1/2/2016 2:15:00 PM	188100.000	73.097	17.980	166.611
28225.891	32596.250	20.525	22165.453	35.428
1.014	14.718			
1/2/2016 2:20:00 PM	188400.000	73.117	17.980	166.657
28211.883	32580.072	20.514	22154.449	35.446
1.014	14.720			
1/2/2016 2:25:00 PM	188700.000	73.091	17.980	166.596
28215.727	32584.576	20.517	22157.512	35.441
1.014	14.721			
1/2/2016 2:30:00 PM	189000.000	73.090	17.980	166.595
28213.248	32581.650	20.515	22155.525	35.444
1.014	14.723			
1/2/2016 2:35:00 PM	189300.000	73.096	17.980	166.609
28212.398	32580.615	20.515	22154.820	35.445
1.014	14.718			
1/2/2016 2:40:00 PM	189600.000	73.100	17.980	166.618
28204.055	32571.291	20.508	22148.479	35.456
1.014	14.714			
1/2/2016 2:45:00 PM	189900.000	73.105	17.980	166.629
28206.209	32573.779	20.510	22150.172	35.453
1.014	14.709			
1/2/2016 2:50:00 PM	190200.000	73.123	17.980	166.670
28212.559	32580.799	20.515	22154.943	35.445
1.014	14.709			
1/2/2016 2:55:00 PM	190500.000	73.126	17.980	166.677
28204.316	32571.400	20.508	22148.555	35.456
1.014	14.709			
1/2/2016 3:00:00 PM	190800.000	73.105	17.980	166.629
28196.102	32562.105	20.502	22142.232	35.466
1.014	14.709			
1/2/2016 3:05:00 PM	191100.000	73.104	17.980	166.626
28208.078	32575.680	20.511	22151.465	35.451
1.014	14.709			
1/2/2016 3:10:00 PM	191400.000	73.125	17.980	166.674
28212.627	32580.932	20.515	22155.035	35.445
1.014	14.709			
1/2/2016 3:15:00 PM	191700.000	73.121	17.981	166.666
28205.553	32572.391	20.509	22149.227	35.454
1.014	14.709			
1/2/2016 3:20:00 PM	192000.000	73.103	17.981	166.625
28211.945	32580.020	20.514	22154.416	35.446
1.014	14.709			
1/2/2016 3:25:00 PM	192300.000	73.099	17.981	166.615
28211.926	32579.998	20.514	22154.400	35.446
1.014	14.709			
1/2/2016 3:30:00 PM	192600.000	73.123	17.980	166.670
28218.018	32587.223	20.519	22159.313	35.438
1.014	14.709			
1/2/2016 3:35:00 PM	192900.000	73.101	17.980	166.621
28203.541	32570.504	20.507	22147.943	35.457
1.014	14.711			
1/2/2016 3:40:00 PM	193200.000	73.123	17.980	166.670
28212.111	32580.529	20.514	22154.760	35.446
1.014	14.712			
1/2/2016 3:45:00 PM	193500.000	73.117	17.980	166.655

28215.266	32583.980	20.517	22157.107	35.442
1.014	14.714			
1/2/2016 3:50:00 PM	193800.000	73.101	17.980	166.619
28204.557	32571.678	20.508	22148.740	35.455
1.014	14.712			
1/2/2016 3:55:00 PM	194100.000	73.099	17.980	166.616
28209.736	32577.787	20.513	22152.895	35.449
1.014	14.710			
1/2/2016 4:00:00 PM	194400.000	73.102	17.981	166.623
28214.004	32582.396	20.516	22156.031	35.443
1.014	14.709			
1/2/2016 4:05:00 PM	194700.000	73.125	17.980	166.674
28212.207	32580.447	20.514	22154.707	35.446
1.014	14.709			
1/2/2016 4:10:00 PM	195000.000	73.120	17.980	166.663
28206.236	32573.682	20.510	22150.105	35.453
1.014	14.710			
1/2/2016 4:15:00 PM	195300.000	73.118	17.980	166.659
28215.854	32584.971	20.517	22157.781	35.441
1.014	14.711			
1/2/2016 4:20:00 PM	195600.000	73.127	17.981	166.678
28217.047	32585.912	20.518	22158.420	35.440
1.014	14.708			
1/2/2016 4:25:00 PM	195900.000	73.130	17.980	166.686
28218.863	32588.135	20.520	22159.934	35.437
1.014	14.705			
1/2/2016 4:30:00 PM	196200.000	73.135	17.980	166.696
28208.760	32576.660	20.512	22152.131	35.450
1.014	14.702			
1/2/2016 4:35:00 PM	196500.000	73.112	17.980	166.646
28214.490	32583.396	20.516	22156.709	35.443
1.014	14.702			
1/2/2016 4:40:00 PM	196800.000	73.136	17.980	166.701
28205.092	32572.674	20.509	22149.420	35.455
1.014	14.702			
1/2/2016 4:45:00 PM	197100.000	73.121	17.980	166.665
28229.094	32599.949	20.528	22167.967	35.424
1.014	14.701			
1/2/2016 4:50:00 PM	197400.000	73.130	17.980	166.686
28213.428	32581.922	20.515	22155.709	35.444
1.014	14.704			
1/2/2016 4:55:00 PM	197700.000	73.106	17.980	166.631
28214.904	32583.563	20.517	22156.824	35.442
1.014	14.707			
1/2/2016 5:00:00 PM	198000.000	73.105	17.980	166.630
28220.932	32590.469	20.521	22161.520	35.435
1.014	14.710			
1/2/2016 5:05:00 PM	198300.000	73.111	17.980	166.642
28196.250	32562.084	20.502	22142.217	35.466
1.014	14.708			
1/2/2016 5:10:00 PM	198600.000	73.109	17.980	166.638
28211.678	32579.836	20.514	22154.289	35.446
1.014	14.706			
1/2/2016 5:15:00 PM	198900.000	73.114	17.980	166.650
28203.047	32569.934	20.507	22147.557	35.457
1.014	14.704			
1/2/2016 5:20:00 PM	199200.000	73.137	17.980	166.701

28201.654	32568.391	20.506	22146.508	35.459
1.014	14.704			
1/2/2016 5:25:00 PM	199500.000	73.116	17.980	166.654
28204.211	32571.344	20.508	22148.514	35.456
1.014	14.704			
1/2/2016 5:30:00 PM	199800.000	73.133	17.980	166.693
28204.018	32570.936	20.508	22148.236	35.456
1.014	14.704			
1/2/2016 5:35:00 PM	200100.000	73.117	17.980	166.656
28210.184	32578.422	20.513	22153.328	35.448
1.014	14.703			
1/2/2016 5:40:00 PM	200400.000	73.137	17.980	166.702
28220.506	32589.977	20.521	22161.184	35.435
1.014	14.702			
1/2/2016 5:45:00 PM	200700.000	73.137	17.980	166.701
28224.924	32595.391	20.525	22164.865	35.430
1.014	14.701			
1/2/2016 5:50:00 PM	201000.000	73.133	17.980	166.693
28229.094	32600.014	20.528	22168.010	35.424
1.014	14.701			
1/2/2016 5:55:00 PM	201300.000	73.137	17.980	166.701
28197.078	32563.105	20.502	22142.914	35.465
1.014	14.701			
1/2/2016 6:00:00 PM	201600.000	73.135	17.981	166.697
28222.891	32592.660	20.523	22163.012	35.432
1.014	14.701			
1/2/2016 6:05:00 PM	201900.000	73.134	17.980	166.695
28210.861	32579.023	20.513	22153.738	35.447
1.014	14.703			
1/2/2016 6:10:00 PM	202200.000	73.113	17.980	166.648
28202.787	32569.635	20.507	22147.352	35.457
1.014	14.705			
1/2/2016 6:15:00 PM	202500.000	73.129	17.980	166.683
28212.861	32581.334	20.515	22155.309	35.445
1.014	14.707			
1/2/2016 6:20:00 PM	202800.000	73.135	17.980	166.696
28218.191	32587.305	20.519	22159.369	35.438
1.014	14.704			
1/2/2016 6:25:00 PM	203100.000	73.114	17.980	166.649
28218.084	32587.365	20.519	22159.408	35.438
1.014	14.701			
1/2/2016 6:30:00 PM	203400.000	73.140	17.980	166.708
28212.539	32580.830	20.515	22154.967	35.445
1.014	14.698			
1/2/2016 6:35:00 PM	203700.000	73.135	17.980	166.697
28200.707	32567.611	20.505	22145.977	35.460
1.014	14.699			
1/2/2016 6:40:00 PM	204000.000	73.118	17.980	166.658
28215.170	32584.127	20.517	22157.207	35.442
1.014	14.699			
1/2/2016 6:45:00 PM	204300.000	73.128	17.980	166.681
28202.977	32569.918	20.507	22147.547	35.457
1.014	14.700			
1/2/2016 6:50:00 PM	204600.000	73.119	17.980	166.661
28202.133	32569.006	20.506	22146.926	35.458
1.014	14.701			
1/2/2016 6:55:00 PM	204900.000	73.134	17.980	166.696
28210.465	32578.436	20.513	22153.338	35.448

1.014	14.701				
1/2/2016 7:00:00 PM	205200.000	73.134	17.980	166.695	
28220.785	32590.301	20.521	22161.406	35.435	
1.014	14.702				
1/2/2016 7:05:00 PM	205500.000	73.131	17.980	166.689	
28221.342	32591.127	20.522	22161.969	35.434	
1.014	14.703				
1/2/2016 7:10:00 PM	205800.000	73.130	17.980	166.687	
28216.553	32585.777	20.518	22158.328	35.440	
1.014	14.703				
1/2/2016 7:15:00 PM	206100.000	73.110	17.980	166.639	
28205.262	32572.373	20.509	22149.215	35.454	
1.014	14.704				
1/2/2016 7:20:00 PM	206400.000	73.131	17.980	166.689	
28217.750	32587.041	20.519	22159.189	35.439	
1.014	14.704				
1/2/2016 7:25:00 PM	206700.000	73.128	17.980	166.681	
28204.018	32570.936	20.508	22148.236	35.456	
1.014	14.705				
1/2/2016 7:30:00 PM	207000.000	73.131	17.980	166.688	
28202.018	32569.125	20.507	22147.008	35.458	
1.014	14.705				
1/2/2016 7:35:00 PM	207300.000	73.128	17.981	166.682	
28207.254	32574.602	20.510	22150.730	35.452	
1.014	14.705				
1/2/2016 7:40:00 PM	207600.000	73.129	17.980	166.684	
28206.408	32573.816	20.510	22150.195	35.453	
1.014	14.706				
1/2/2016 7:45:00 PM	207900.000	73.110	17.980	166.639	
28226.846	32597.299	20.526	22166.164	35.427	
1.014	14.707				
1/2/2016 7:50:00 PM	208200.000	73.126	17.980	166.677	
28205.838	32573.223	20.509	22149.791	35.454	
1.014	14.706				
1/2/2016 7:55:00 PM	208500.000	73.114	17.980	166.649	
28207.678	32575.217	20.511	22151.150	35.451	
1.014	14.706				
1/2/2016 8:00:00 PM	208800.000	73.112	17.980	166.644	
28206.186	32573.559	20.510	22150.021	35.453	
1.014	14.706				
1/2/2016 8:05:00 PM	209100.000	73.129	17.980	166.683	
28212.658	32580.969	20.515	22155.061	35.445	
1.014	14.704				
1/2/2016 8:10:00 PM	209400.000	73.113	17.980	166.648	
28216.160	32585.143	20.518	22157.898	35.441	
1.014	14.703				
1/2/2016 8:15:00 PM	209700.000	73.132	17.980	166.689	
28197.965	32564.131	20.503	22143.609	35.464	
1.014	14.702				
1/2/2016 8:20:00 PM	210000.000	73.112	17.980	166.644	
28204.691	32571.898	20.508	22148.891	35.455	
1.014	14.705				
1/2/2016 8:25:00 PM	210300.000	73.124	17.980	166.673	
28234.180	32606.016	20.532	22172.092	35.418	
1.014	14.708				
1/2/2016 8:30:00 PM	210600.000	73.123	17.980	166.669	
28215.305	32584.283	20.517	22157.314	35.442	

1.014	14.711			
1/2/2016 8:35:00 PM	210900.000	73.117	17.980	166.657
28231.623	32603.063	20.530	22170.084	35.421
1.014	14.713			
1/2/2016 8:40:00 PM	211200.000	73.118	17.980	166.658
28201.525	32568.111	20.506	22146.316	35.459
1.014	14.716			
1/2/2016 8:45:00 PM	211500.000	73.115	17.980	166.652
28206.758	32574.154	20.510	22150.428	35.452
1.014	14.718			
1/2/2016 8:50:00 PM	211800.000	73.108	17.981	166.636
28219.242	32588.391	20.520	22160.107	35.437
1.014	14.719			
1/2/2016 8:55:00 PM	212100.000	73.109	17.980	166.639
28206.896	32574.627	20.510	22150.748	35.452
1.014	14.719			
1/2/2016 9:00:00 PM	212400.000	73.089	17.980	166.592
28201.480	32568.006	20.506	22146.246	35.459
1.014	14.720			
1/2/2016 9:05:00 PM	212700.000	73.093	17.980	166.602
28195.594	32561.393	20.501	22141.748	35.467
1.014	14.716			
1/2/2016 9:10:00 PM	213000.000	73.094	17.980	166.604
28194.797	32560.535	20.501	22141.164	35.468
1.014	14.713			
1/2/2016 9:15:00 PM	213300.000	73.115	17.980	166.652
28196.924	32562.990	20.502	22142.836	35.465
1.014	14.710			
1/2/2016 9:20:00 PM	213600.000	73.092	17.980	166.599
28217.881	32587.258	20.519	22159.336	35.439
1.014	14.714			
1/2/2016 9:25:00 PM	213900.000	73.102	17.980	166.623
28214.840	32583.488	20.516	22156.773	35.442
1.014	14.719			
1/2/2016 9:30:00 PM	214200.000	73.101	17.980	166.620
28211.248	32579.844	20.514	22154.297	35.447
1.014	14.724			
1/2/2016 9:35:00 PM	214500.000	73.102	17.980	166.621
28215.594	32584.488	20.517	22157.453	35.441
1.014	14.721			
1/2/2016 9:40:00 PM	214800.000	73.090	17.981	166.595
28213.945	32582.330	20.516	22155.984	35.443
1.014	14.718			
1/2/2016 9:45:00 PM	215100.000	73.101	17.980	166.619
28204.301	32571.629	20.508	22148.709	35.456
1.014	14.716			
1/2/2016 9:50:00 PM	215400.000	73.106	17.980	166.631
28214.240	32582.988	20.516	22156.434	35.443
1.014	14.715			
1/2/2016 9:55:00 PM	215700.000	73.104	17.980	166.627
28218.656	32587.842	20.520	22159.732	35.438
1.014	14.715			
1/2/2016 10:00:00 PM	216000.000	73.104	17.980	166.627
28217.828	32587.068	20.519	22159.209	35.439
1.014	14.714			
1/2/2016 10:05:00 PM	216300.000	73.082	17.980	166.576
28223.160	32593.043	20.523	22163.271	35.432
1.014	14.715			

1/2/2016 10:10:00 PM	216600.000	73.080	17.980	166.573
28225.920	32596.668	20.526	22165.734	35.428
1.014	14.716			
1/2/2016 10:15:00 PM	216900.000	73.100	17.980	166.616
28210.855	32578.951	20.513	22153.688	35.447
1.014	14.717			
1/2/2016 10:20:00 PM	217200.000	73.102	17.980	166.623
28197.398	32563.346	20.503	22143.078	35.464
1.014	14.715			
1/2/2016 10:25:00 PM	217500.000	73.099	17.980	166.615
28213.971	32582.549	20.516	22156.133	35.443
1.014	14.714			
1/2/2016 10:30:00 PM	217800.000	73.099	17.980	166.615
28208.473	32576.266	20.511	22151.863	35.450
1.014	14.712			
1/2/2016 10:35:00 PM	218100.000	73.094	17.980	166.604
28213.010	32581.504	20.515	22155.424	35.445
1.014	14.711			
1/2/2016 10:40:00 PM	218400.000	73.070	17.980	166.550
28204.523	32571.887	20.508	22148.885	35.455
1.014	14.710			
1/2/2016 10:45:00 PM	218700.000	73.094	17.980	166.604
28217.320	32586.736	20.519	22158.980	35.439
1.014	14.709			
1/2/2016 10:50:00 PM	219000.000	73.094	17.980	166.603
28211.457	32579.527	20.514	22154.080	35.447
1.014	14.708			
1/2/2016 10:55:00 PM	219300.000	73.096	17.980	166.608
28215.982	32585.000	20.518	22157.803	35.441
1.014	14.706			
1/2/2016 11:00:00 PM	219600.000	73.100	17.981	166.618
28206.846	32574.131	20.510	22150.412	35.452
1.014	14.705			
1/2/2016 11:05:00 PM	219900.000	73.093	17.980	166.602
28203.996	32571.158	20.508	22148.391	35.456
1.014	14.706			
1/2/2016 11:10:00 PM	220200.000	73.090	17.980	166.595
28218.611	32587.908	20.520	22159.779	35.438
1.014	14.707			
1/2/2016 11:15:00 PM	220500.000	73.068	17.980	166.544
28206.686	32574.516	20.510	22150.672	35.453
1.014	14.708			
1/2/2016 11:20:00 PM	220800.000	73.089	17.980	166.591
28212.111	32580.648	20.515	22154.842	35.446
1.014	14.710			
1/2/2016 11:25:00 PM	221100.000	73.087	17.980	166.588
28214.498	32583.404	20.516	22156.715	35.443
1.014	14.711			
1/2/2016 11:30:00 PM	221400.000	73.085	17.980	166.583
28214.707	32583.334	20.516	22156.670	35.443
1.014	14.712			
1/2/2016 11:35:00 PM	221700.000	73.069	17.980	166.546
28224.859	32595.189	20.525	22164.730	35.430
1.014	14.710			
1/2/2016 11:40:00 PM	222000.000	73.084	17.980	166.582
28219.193	32588.580	20.520	22160.236	35.437
1.014	14.707			

1/2/2016 11:45:00 PM	222300.000	73.087	17.980	166.587
28216.520	32585.621	20.518	22158.225	35.440
1.014	14.705			
1/2/2016 11:50:00 PM	222600.000	73.090	17.980	166.594
28200.939	32567.629	20.505	22145.988	35.460
1.014	14.704			
1/2/2016 11:55:00 PM	222900.000	73.070	17.980	166.550
28201.023	32567.791	20.506	22146.100	35.460
1.014	14.704			
1/3/2016 12:00:00 AM	223200.000	73.093	17.980	166.601
28204.430	32571.596	20.508	22148.688	35.455
1.014	14.703			
1/3/2016 12:05:00 AM	223500.000	73.089	17.980	166.591
28212.676	32581.055	20.515	22155.119	35.445
1.014	14.704			
1/3/2016 12:10:00 AM	223800.000	73.065	17.980	166.538
28228.479	32599.623	20.528	22167.746	35.425
1.014	14.704			
1/3/2016 12:15:00 AM	224100.000	73.068	17.980	166.544
28215.234	32584.201	20.517	22157.260	35.442
1.014	14.704			
1/3/2016 12:20:00 AM	224400.000	73.087	17.980	166.588
28212.791	32581.314	20.515	22155.297	35.445
1.014	14.702			
1/3/2016 12:25:00 AM	224700.000	73.086	17.980	166.585
28217.410	32586.586	20.519	22158.881	35.439
1.014	14.700			
1/3/2016 12:30:00 AM	225000.000	73.073	17.980	166.556
28218.711	32588.152	20.520	22159.945	35.437
1.014	14.698			
1/3/2016 12:35:00 AM	225300.000	73.093	17.980	166.601
28213.693	32582.164	20.516	22155.873	35.444
1.014	14.698			
1/3/2016 12:40:00 AM	225600.000	73.093	17.980	166.601
28214.873	32583.525	20.517	22156.797	35.442
1.014	14.697			
1/3/2016 12:45:00 AM	225900.000	73.077	17.980	166.566
28213.260	32581.793	20.515	22155.621	35.444
1.014	14.697			
1/3/2016 12:50:00 AM	226200.000	73.077	17.980	166.564
28211.453	32579.770	20.514	22154.246	35.447
1.014	14.697			
1/3/2016 12:55:00 AM	226500.000	73.089	17.980	166.593
28216.227	32585.348	20.518	22158.039	35.441
1.014	14.696			
1/3/2016 1:00:00 AM	226800.000	73.097	17.980	166.611
28225.018	32595.500	20.525	22164.939	35.430
1.014	14.696			
1/3/2016 1:05:00 AM	227100.000	73.097	17.980	166.610
28201.143	32567.928	20.506	22146.193	35.460
1.014	14.696			
1/3/2016 1:10:00 AM	227400.000	73.098	17.980	166.612
28222.395	32592.406	20.523	22162.836	35.433
1.014	14.697			
1/3/2016 1:15:00 AM	227700.000	73.075	17.980	166.561
28216.357	32585.553	20.518	22158.176	35.440
1.014	14.697			
1/3/2016 1:20:00 AM	228000.000	73.083	17.980	166.578

28205.598	32573.008	20.509	22149.646	35.454
1.014	14.696			
1/3/2016 1:25:00 AM	228300.000	73.104	17.980	166.626
28203.076	32569.969	20.507	22147.580	35.457
1.014	14.695			
1/3/2016 1:30:00 AM	228600.000	73.101	17.980	166.619
28203.041	32569.928	20.507	22147.553	35.457
1.014	14.693			
1/3/2016 1:35:00 AM	228900.000	73.105	17.980	166.628
28202.113	32568.984	20.506	22146.912	35.458
1.014	14.693			
1/3/2016 1:40:00 AM	229200.000	73.105	17.980	166.628
28217.119	32586.121	20.518	22158.564	35.439
1.014	14.693			
1/3/2016 1:45:00 AM	229500.000	73.105	17.980	166.629
28217.334	32586.627	20.519	22158.906	35.439
1.014	14.693			
1/3/2016 1:50:00 AM	229800.000	73.093	17.980	166.601
28208.920	32576.781	20.512	22152.213	35.450
1.014	14.693			
1/3/2016 1:55:00 AM	230100.000	73.106	17.980	166.630
28208.256	32576.016	20.511	22151.693	35.451
1.014	14.693			
1/3/2016 2:00:00 AM	230400.000	73.110	17.980	166.640
28199.861	32566.383	20.505	22145.141	35.461
1.014	14.693			
1/3/2016 2:05:00 AM	230700.000	73.094	17.980	166.605
28218.852	32588.186	20.520	22159.967	35.437
1.014	14.692			
1/3/2016 2:10:00 AM	231000.000	73.094	17.980	166.604
28206.867	32574.592	20.510	22150.725	35.452
1.014	14.692			
1/3/2016 2:15:00 AM	231300.000	73.096	17.980	166.609
28214.928	32583.654	20.517	22156.885	35.442
1.014	14.691			
1/3/2016 2:20:00 AM	231600.000	73.117	17.980	166.657
28212.961	32581.264	20.515	22155.260	35.445
1.014	14.692			
1/3/2016 2:25:00 AM	231900.000	73.096	17.980	166.608
28203.188	32570.289	20.507	22147.799	35.457
1.014	14.693			
1/3/2016 2:30:00 AM	232200.000	73.097	17.980	166.609
28212.305	32580.871	20.515	22154.992	35.446
1.014	14.695			
1/3/2016 2:35:00 AM	232500.000	73.096	17.980	166.609
28219.879	32589.619	20.521	22160.941	35.436
1.014	14.695			
1/3/2016 2:40:00 AM	232800.000	73.102	17.980	166.622
28218.197	32587.748	20.519	22159.670	35.438
1.014	14.695			
1/3/2016 2:45:00 AM	233100.000	73.120	17.980	166.663
28204.934	32572.240	20.509	22149.125	35.455
1.014	14.695			
1/3/2016 2:50:00 AM	233400.000	73.124	17.980	166.672
28216.480	32585.383	20.518	22158.063	35.440
1.014	14.694			
1/3/2016 2:55:00 AM	233700.000	73.105	17.980	166.629

28216.266	32585.135	20.518	22157.895	35.441
1.014	14.693			
1/3/2016 3:00:00 AM	234000.000	73.107	17.980	166.633
28211.697	32579.805	20.514	22154.268	35.446
1.014	14.692			
1/3/2016 3:05:00 AM	234300.000	73.132	17.981	166.691
28200.387	32566.547	20.505	22145.252	35.461
1.014	14.692			
1/3/2016 3:10:00 AM	234600.000	73.132	17.980	166.689
28211.729	32580.207	20.514	22154.543	35.446
1.014	14.691			
1/3/2016 3:15:00 AM	234900.000	73.131	17.980	166.688
28202.383	32569.359	20.507	22147.166	35.458
1.014	14.690			
1/3/2016 3:20:00 AM	235200.000	73.113	17.980	166.646
28211.295	32579.963	20.514	22154.377	35.447
1.014	14.691			
1/3/2016 3:25:00 AM	235500.000	73.117	17.980	166.656
28213.436	32582.311	20.516	22155.971	35.444
1.014	14.692			
1/3/2016 3:30:00 AM	235800.000	73.117	17.980	166.656
28224.176	32594.582	20.524	22164.318	35.431
1.014	14.693			
1/3/2016 3:35:00 AM	236100.000	73.118	17.980	166.659
28211.811	32580.434	20.514	22154.695	35.446
1.014	14.690			
1/3/2016 3:40:00 AM	236400.000	73.141	17.980	166.710
28218.217	32587.580	20.519	22159.555	35.438
1.014	14.687			
1/3/2016 3:45:00 AM	236700.000	73.147	17.980	166.725
28201.234	32568.221	20.506	22146.391	35.459
1.014	14.685			
1/3/2016 3:50:00 AM	237000.000	73.146	17.981	166.722
28219.943	32589.256	20.520	22160.693	35.436
1.014	14.684			
1/3/2016 3:55:00 AM	237300.000	73.153	17.981	166.737
28213.223	32581.439	20.515	22155.381	35.444
1.014	14.683			
1/3/2016 4:00:00 AM	237600.000	73.135	17.980	166.696
28213.326	32581.740	20.515	22155.584	35.444
1.014	14.682			
1/3/2016 4:05:00 AM	237900.000	73.136	17.980	166.699
28219.545	32588.986	20.520	22160.514	35.436
1.014	14.683			
1/3/2016 4:10:00 AM	238200.000	73.141	17.980	166.711
28221.471	32591.211	20.522	22162.023	35.434
1.014	14.684			
1/3/2016 4:15:00 AM	238500.000	73.159	17.980	166.753
28218.650	32587.834	20.519	22159.727	35.438
1.014	14.685			
1/3/2016 4:20:00 AM	238800.000	73.141	17.980	166.710
28219.975	32589.549	20.521	22160.895	35.436
1.014	14.681			
1/3/2016 4:25:00 AM	239100.000	73.166	17.980	166.769
28214.268	32583.086	20.516	22156.500	35.443
1.014	14.677			
1/3/2016 4:30:00 AM	239400.000	73.154	17.980	166.741
28222.197	32592.115	20.522	22162.639	35.433

1.014	14.673			
1/3/2016 4:35:00 AM	239700.000	73.175	17.980	166.789
28208.346	32576.492	20.512	22152.018	35.451
1.014	14.671			
1/3/2016 4:40:00 AM	240000.000	73.183	17.980	166.806
28217.096	32586.285	20.518	22158.674	35.440
1.014	14.669			
1/3/2016 4:45:00 AM	240300.000	73.163	17.980	166.762
28213.572	32582.154	20.516	22155.867	35.444
1.014	14.667			
1/3/2016 4:50:00 AM	240600.000	73.185	17.980	166.811
28201.625	32568.227	20.506	22146.395	35.459
1.014	14.668			
1/3/2016 4:55:00 AM	240900.000	73.187	17.981	166.816
28212.840	32581.053	20.515	22155.117	35.445
1.014	14.669			
1/3/2016 5:00:00 AM	241200.000	73.186	17.980	166.814
28216.875	32585.838	20.518	22158.371	35.440
1.014	14.670			
1/3/2016 5:05:00 AM	241500.000	73.170	17.981	166.776
28202.994	32569.627	20.507	22147.346	35.457
1.014	14.672			
1/3/2016 5:10:00 AM	241800.000	73.185	17.980	166.811
28217.189	32586.332	20.518	22158.707	35.439
1.014	14.673			
1/3/2016 5:15:00 AM	242100.000	73.189	17.980	166.820
28206.533	32573.842	20.510	22150.213	35.453
1.014	14.675			
1/3/2016 5:20:00 AM	242400.000	73.191	17.980	166.824
28205.150	32572.299	20.509	22149.164	35.455
1.014	14.674			
1/3/2016 5:25:00 AM	242700.000	73.195	17.980	166.834
28215.643	32584.480	20.517	22157.447	35.441
1.014	14.673			
1/3/2016 5:30:00 AM	243000.000	73.197	17.980	166.839
28227.455	32598.369	20.527	22166.891	35.427
1.014	14.672			
1/3/2016 5:35:00 AM	243300.000	73.203	17.980	166.853
28210.367	32578.516	20.513	22153.391	35.448
1.014	14.670			
1/3/2016 5:40:00 AM	243600.000	73.206	17.980	166.860
28211.449	32579.703	20.514	22154.199	35.447
1.014	14.669			
1/3/2016 5:45:00 AM	243900.000	73.202	17.980	166.849
28208.801	32576.771	20.512	22152.207	35.450
1.014	14.667			
1/3/2016 5:50:00 AM	244200.000	73.206	17.980	166.860
28202.650	32569.541	20.507	22147.289	35.458
1.014	14.666			
1/3/2016 5:55:00 AM	244500.000	73.189	17.980	166.821
28215.914	32584.859	20.517	22157.705	35.441
1.014	14.665			
1/3/2016 6:00:00 AM	244800.000	73.214	17.980	166.878
28214.895	32583.682	20.517	22156.906	35.442
1.014	14.664			
1/3/2016 6:05:00 AM	245100.000	73.217	17.980	166.883
28212.811	32581.402	20.515	22155.355	35.445

1.014	14.665			
1/3/2016 6:10:00 AM	245400.000	73.193	17.980	166.830
28226.373	32597.119	20.526	22166.043	35.428
1.014	14.666			
1/3/2016 6:15:00 AM	245700.000	73.194	17.980	166.831
28208.703	32576.531	20.512	22152.043	35.450
1.014	14.666			
1/3/2016 6:20:00 AM	246000.000	73.196	17.980	166.836
28209.916	32577.803	20.513	22152.906	35.449
1.014	14.669			
1/3/2016 6:25:00 AM	246300.000	73.194	17.980	166.831
28216.273	32585.209	20.518	22157.941	35.441
1.014	14.671			
1/3/2016 6:30:00 AM	246600.000	73.210	17.980	166.868
28222.398	32592.281	20.523	22162.752	35.433
1.014	14.674			
1/3/2016 6:35:00 AM	246900.000	73.214	17.981	166.878
28215.352	32583.896	20.517	22157.051	35.442
1.014	14.673			
1/3/2016 6:40:00 AM	247200.000	73.197	17.980	166.839
28221.670	32591.322	20.522	22162.100	35.434
1.014	14.672			
1/3/2016 6:45:00 AM	247500.000	73.192	17.981	166.828
28213.289	32581.572	20.515	22155.471	35.444
1.014	14.672			
1/3/2016 6:50:00 AM	247800.000	73.201	17.981	166.849
28216.264	32584.881	20.517	22157.721	35.441
1.014	14.670			
1/3/2016 6:55:00 AM	248100.000	73.200	17.980	166.846
28214.912	32583.637	20.517	22156.873	35.442
1.014	14.669			
1/3/2016 7:00:00 AM	248400.000	73.224	17.981	166.899
28207.221	32574.375	20.510	22150.578	35.452
1.014	14.667			
1/3/2016 7:05:00 AM	248700.000	73.223	17.980	166.897
28212.684	32581.256	20.515	22155.254	35.445
1.014	14.669			
1/3/2016 7:10:00 AM	249000.000	73.201	17.980	166.847
28214.592	32583.148	20.516	22156.541	35.443
1.014	14.670			
1/3/2016 7:15:00 AM	249300.000	73.219	17.980	166.889
28210.254	32578.258	20.513	22153.215	35.448
1.014	14.672			
1/3/2016 7:20:00 AM	249600.000	73.201	17.980	166.849
28218.287	32587.416	20.519	22159.445	35.438
1.014	14.673			
1/3/2016 7:25:00 AM	249900.000	73.201	17.980	166.847
28218.352	32587.674	20.519	22159.621	35.438
1.014	14.674			
1/3/2016 7:30:00 AM	250200.000	73.216	17.981	166.882
28210.639	32578.455	20.513	22153.352	35.448
1.014	14.675			
1/3/2016 7:35:00 AM	250500.000	73.203	17.981	166.852
28212.107	32580.207	20.514	22154.543	35.446
1.014	14.673			
1/3/2016 7:40:00 AM	250800.000	73.226	17.980	166.905
28204.318	32571.467	20.508	22148.600	35.456
1.014	14.670			

1/3/2016 7:45:00 AM	251100.000	73.229	17.980	166.912
28227.906	32598.578	20.527	22167.033	35.426
1.014	14.668			
1/3/2016 7:50:00 AM	251400.000	73.227	17.980	166.906
28199.811	32566.197	20.505	22145.014	35.461
1.014	14.670			
1/3/2016 7:55:00 AM	251700.000	73.233	17.980	166.920
28204.721	32571.748	20.508	22148.791	35.455
1.014	14.671			
1/3/2016 8:00:00 AM	252000.000	73.221	17.981	166.894
28195.922	32561.201	20.501	22141.619	35.466
1.014	14.673			
1/3/2016 8:05:00 AM	252300.000	73.201	17.980	166.847
28220.545	32590.023	20.521	22161.219	35.435
1.014	14.673			
1/3/2016 8:10:00 AM	252600.000	73.222	17.981	166.896
28237.938	32609.596	20.535	22174.525	35.413
1.014	14.673			
1/3/2016 8:15:00 AM	252900.000	73.222	17.980	166.896
28209.600	32577.383	20.512	22152.623	35.449
1.014	14.673			
1/3/2016 8:20:00 AM	253200.000	73.221	17.980	166.893
28202.830	32569.684	20.507	22147.387	35.457
1.014	14.673			
1/3/2016 8:25:00 AM	253500.000	73.222	17.980	166.895
28213.680	32582.148	20.516	22155.863	35.444
1.014	14.674			
1/3/2016 8:30:00 AM	253800.000	73.201	17.980	166.848
28201.242	32567.850	20.506	22146.139	35.459
1.014	14.674			
1/3/2016 8:35:00 AM	254100.000	73.215	17.980	166.880
28208.135	32575.938	20.511	22151.641	35.451
1.014	14.677			
1/3/2016 8:40:00 AM	254400.000	73.217	17.981	166.883
28210.139	32577.809	20.513	22152.912	35.448
1.014	14.679			
1/3/2016 8:45:00 AM	254700.000	73.191	17.981	166.825
28219.994	32589.127	20.520	22160.607	35.436
1.014	14.682			
1/3/2016 8:50:00 AM	255000.000	73.216	17.980	166.882
28217.174	32586.129	20.518	22158.570	35.439
1.014	14.681			
1/3/2016 8:55:00 AM	255300.000	73.196	17.981	166.835
28209.119	32576.756	20.512	22152.195	35.450
1.014	14.681			
1/3/2016 9:00:00 AM	255600.000	73.216	17.981	166.881
28214.592	32583.076	20.516	22156.494	35.443
1.014	14.680			
1/3/2016 9:05:00 AM	255900.000	73.216	17.981	166.881
28222.465	32591.980	20.522	22162.549	35.433
1.014	14.678			
1/3/2016 9:10:00 AM	256200.000	73.197	17.981	166.838
28207.832	32575.213	20.511	22151.146	35.451
1.014	14.677			
1/3/2016 9:15:00 AM	256500.000	73.201	17.980	166.848
28212.867	32581.156	20.515	22155.186	35.445
1.014	14.675			

1/3/2016 9:20:00 AM	256800.000	73.213	17.980	166.876
28204.123	32571.178	20.508	22148.400	35.456
1.014	14.680			
1/3/2016 9:25:00 AM	257100.000	73.205	17.981	166.857
28214.373	32582.576	20.516	22156.152	35.443
1.014	14.684			
1/3/2016 9:30:00 AM	257400.000	73.202	17.980	166.850
28218.787	32588.357	20.520	22160.086	35.437
1.014	14.688			
1/3/2016 9:35:00 AM	257700.000	73.208	17.980	166.863
28218.969	32588.203	20.520	22159.979	35.437
1.014	14.684			
1/3/2016 9:40:00 AM	258000.000	73.205	17.981	166.858
28213.625	32581.771	20.515	22155.607	35.444
1.014	14.679			
1/3/2016 9:45:00 AM	258300.000	73.203	17.981	166.853
28209.152	32576.795	20.512	22152.223	35.449
1.014	14.675			
1/3/2016 9:50:00 AM	258600.000	73.195	17.980	166.833
28206.447	32573.797	20.510	22150.184	35.453
1.014	14.674			
1/3/2016 9:55:00 AM	258900.000	73.209	17.981	166.865
28204.420	32571.330	20.508	22148.504	35.455
1.014	14.673			
1/3/2016 10:00:00 AM	259200.000	73.201	17.981	166.847
28203.789	32570.545	20.508	22147.973	35.456
1.014	14.673			
1/3/2016 10:05:00 AM	259500.000	73.201	17.981	166.848
28225.207	32595.209	20.525	22164.744	35.429
1.014	14.674			
1/3/2016 10:10:00 AM	259800.000	73.198	17.980	166.841
28223.490	32593.479	20.523	22163.566	35.431
1.014	14.675			
1/3/2016 10:15:00 AM	260100.000	73.197	17.980	166.838
28214.012	32582.789	20.516	22156.297	35.443
1.014	14.676			
1/3/2016 10:20:00 AM	260400.000	73.192	17.980	166.827
28211.574	32579.717	20.514	22154.207	35.446
1.014	14.675			
1/3/2016 10:25:00 AM	260700.000	73.197	17.980	166.838
28212.969	32581.328	20.515	22155.305	35.445
1.014	14.674			
1/3/2016 10:30:00 AM	261000.000	73.175	17.980	166.789
28216.902	32586.000	20.518	22158.482	35.440
1.014	14.673			
1/3/2016 10:35:00 AM	261300.000	73.169	17.981	166.774
28201.178	32567.529	20.505	22145.922	35.460
1.014	14.671			
1/3/2016 10:40:00 AM	261600.000	73.191	17.980	166.826
28202.693	32569.461	20.507	22147.236	35.458
1.014	14.670			
1/3/2016 10:45:00 AM	261900.000	73.191	17.980	166.825
28214.932	32583.658	20.517	22156.889	35.442
1.014	14.668			
1/3/2016 10:50:00 AM	262200.000	73.187	17.980	166.816
28207.396	32575.086	20.511	22151.061	35.452
1.014	14.668			
1/3/2016 10:55:00 AM	262500.000	73.183	17.980	166.806

28226.090	32596.426	20.525	22165.570	35.428
1.014	14.668			
1/3/2016 11:00:00 AM	262800.000	73.160	17.980	166.755
28227.967	32598.594	20.527	22167.045	35.426
1.014	14.667			
1/3/2016 11:05:00 AM	263100.000	73.164	17.980	166.762
28221.820	32591.615	20.522	22162.301	35.434
1.014	14.666			
1/3/2016 11:10:00 AM	263400.000	73.161	17.981	166.757
28223.977	32593.914	20.524	22163.861	35.431
1.014	14.665			
1/3/2016 11:15:00 AM	263700.000	73.181	17.980	166.801
28211.715	32580.010	20.514	22154.408	35.446
1.014	14.664			
1/3/2016 11:20:00 AM	264000.000	73.160	17.980	166.754
28210.793	32579.197	20.513	22153.854	35.447
1.014	14.661			
1/3/2016 11:25:00 AM	264300.000	73.161	17.981	166.756
28192.445	32557.445	20.498	22139.063	35.470
1.014	14.659			
1/3/2016 11:30:00 AM	264600.000	73.177	17.981	166.793
28195.529	32560.936	20.501	22141.438	35.467
1.014	14.657			
1/3/2016 11:35:00 AM	264900.000	73.158	17.980	166.750
28206.184	32573.492	20.510	22149.975	35.453
1.014	14.656			
1/3/2016 11:40:00 AM	265200.000	73.154	17.980	166.740
28202.184	32569.064	20.506	22146.965	35.458
1.014	14.656			
1/3/2016 11:45:00 AM	265500.000	73.169	17.980	166.774
28205.479	32572.869	20.509	22149.551	35.454
1.014	14.655			
1/3/2016 11:50:00 AM	265800.000	73.167	17.980	166.770
28207.975	32575.752	20.511	22151.512	35.451
1.014	14.655			
1/3/2016 11:55:00 AM	266100.000	73.163	17.980	166.761
28203.395	32570.582	20.508	22147.996	35.457
1.014	14.654			
1/3/2016 12:00:00 PM	266400.000	73.142	17.980	166.714
28225.471	32595.711	20.525	22165.084	35.429
1.014	14.654			
1/3/2016 12:05:00 PM	266700.000	73.144	17.980	166.718
28217.506	32586.824	20.519	22159.043	35.439
1.014	14.651			
1/3/2016 12:10:00 PM	267000.000	73.146	17.980	166.721
28208.379	32576.092	20.511	22151.742	35.450
1.014	14.648			
1/3/2016 12:15:00 PM	267300.000	73.145	17.980	166.720
28211.018	32579.268	20.514	22153.904	35.447
1.014	14.646			
1/3/2016 12:20:00 PM	267600.000	73.141	17.980	166.711
28216.715	32585.719	20.518	22158.291	35.440
1.014	14.645			
1/3/2016 12:25:00 PM	267900.000	73.138	17.981	166.704
28221.068	32590.555	20.521	22161.580	35.435
1.014	14.644			
1/3/2016 12:30:00 PM	268200.000	73.157	17.980	166.747

28219.891	32589.451	20.521	22160.828	35.436
1.014	14.643			
1/3/2016 12:35:00 PM	268500.000	73.133	17.980	166.692
28206.584	32574.146	20.510	22150.422	35.453
1.014	14.644			
1/3/2016 12:40:00 PM	268800.000	73.150	17.980	166.731
28224.850	32595.240	20.525	22164.764	35.430
1.014	14.645			
1/3/2016 12:45:00 PM	269100.000	73.120	17.980	166.663
28213.473	32581.855	20.515	22155.662	35.444
1.014	14.646			
1/3/2016 12:50:00 PM	269400.000	73.127	17.980	166.679
28230.273	32601.377	20.529	22168.938	35.423
1.014	14.644			
1/3/2016 12:55:00 PM	269700.000	73.142	17.980	166.713
28210.000	32578.029	20.513	22153.061	35.448
1.014	14.642			
1/3/2016 1:00:00 PM	270000.000	73.144	17.980	166.717
28222.559	32592.402	20.523	22162.834	35.433
1.014	14.640			
1/3/2016 1:05:00 PM	270300.000	73.120	17.981	166.664
28213.906	32582.285	20.516	22155.957	35.444
1.014	14.640			
1/3/2016 1:10:00 PM	270600.000	73.138	17.981	166.705
28203.250	32569.979	20.507	22147.586	35.457
1.014	14.639			
1/3/2016 1:15:00 PM	270900.000	73.123	17.980	166.670
28205.381	32573.068	20.509	22149.689	35.454
1.014	14.638			
1/3/2016 1:20:00 PM	271200.000	73.120	17.981	166.664
28211.051	32578.986	20.513	22153.711	35.447
1.014	14.634			
1/3/2016 1:25:00 PM	271500.000	73.126	17.980	166.677
28205.752	32573.250	20.509	22149.811	35.454
1.014	14.629			
1/3/2016 1:30:00 PM	271800.000	73.127	17.980	166.680
28213.205	32581.666	20.515	22155.535	35.444
1.014	14.625			
1/3/2016 1:35:00 PM	272100.000	73.129	17.980	166.685
28201.268	32567.814	20.506	22146.115	35.459
1.014	14.621			
1/3/2016 1:40:00 PM	272400.000	73.133	17.980	166.692
28202.924	32569.857	20.507	22147.504	35.457
1.014	14.618			
1/3/2016 1:45:00 PM	272700.000	73.146	17.980	166.721
28210.490	32578.410	20.513	22153.320	35.448
1.014	14.615			
1/3/2016 1:50:00 PM	273000.000	73.143	17.980	166.716
28212.541	32581.145	20.515	22155.178	35.445
1.014	14.617			
1/3/2016 1:55:00 PM	273300.000	73.122	17.980	166.667
28218.775	32588.162	20.520	22159.953	35.437
1.014	14.619			
1/3/2016 2:00:00 PM	273600.000	73.143	17.980	166.717
28218.352	32587.674	20.519	22159.621	35.438
1.014	14.621			
1/3/2016 2:05:00 PM	273900.000	73.120	17.980	166.663
28215.568	32584.330	20.517	22157.346	35.441

1.014	14.622			
1/3/2016 2:10:00 PM	274200.000	73.135	17.981	166.698
28215.939	32584.633	20.517	22157.553	35.441
1.014	14.623			
1/3/2016 2:15:00 PM	274500.000	73.136	17.980	166.699
28208.184	32575.932	20.511	22151.635	35.451
1.014	14.624			
1/3/2016 2:20:00 PM	274800.000	73.133	17.980	166.694
28223.121	32592.998	20.523	22163.238	35.432
1.014	14.624			
1/3/2016 2:25:00 PM	275100.000	73.132	17.981	166.691
28209.441	32577.129	20.512	22152.449	35.449
1.014	14.624			
1/3/2016 2:30:00 PM	275400.000	73.136	17.980	166.699
28206.363	32573.828	20.510	22150.203	35.453
1.014	14.624			
1/3/2016 2:35:00 PM	275700.000	73.133	17.980	166.693
28214.270	32583.334	20.516	22156.670	35.443
1.014	14.621			
1/3/2016 2:40:00 PM	276000.000	73.140	17.981	166.709
28191.768	32556.031	20.498	22138.104	35.471
1.014	14.617			
1/3/2016 2:45:00 PM	276300.000	73.135	17.981	166.698
28201.801	32568.305	20.506	22146.447	35.459
1.014	14.613			
1/3/2016 2:50:00 PM	276600.000	73.141	17.981	166.711
28230.979	32601.561	20.529	22169.063	35.422
1.014	14.618			
1/3/2016 2:55:00 PM	276900.000	73.134	17.980	166.696
28219.316	32589.102	20.520	22160.592	35.437
1.014	14.622			
1/3/2016 3:00:00 PM	277200.000	73.132	17.980	166.690
28232.020	32603.521	20.530	22170.395	35.421
1.014	14.627			
1/3/2016 3:05:00 PM	277500.000	73.116	17.980	166.654
28205.471	32573.172	20.509	22149.760	35.454
1.014	14.623			
1/3/2016 3:10:00 PM	277800.000	73.139	17.980	166.706
28212.258	32580.699	20.515	22154.877	35.446
1.014	14.619			
1/3/2016 3:15:00 PM	278100.000	73.142	17.980	166.714
28210.465	32578.748	20.513	22153.549	35.448
1.014	14.615			
1/3/2016 3:20:00 PM	278400.000	73.141	17.980	166.710
28203.018	32570.094	20.507	22147.664	35.457
1.014	14.617			
1/3/2016 3:25:00 PM	278700.000	73.141	17.981	166.710
28201.396	32567.838	20.506	22146.131	35.459
1.014	14.619			
1/3/2016 3:30:00 PM	279000.000	73.135	17.980	166.698
28218.291	32587.473	20.519	22159.482	35.438
1.014	14.621			
1/3/2016 3:35:00 PM	279300.000	73.140	17.980	166.709
28208.656	32576.412	20.512	22151.963	35.450
1.014	14.617			
1/3/2016 3:40:00 PM	279600.000	73.125	17.980	166.674
28199.299	32565.852	20.504	22144.781	35.462

1.014	14.614			
1/3/2016 3:45:00 PM	279900.000	73.145	17.980	166.720
28214.766	32583.533	20.517	22156.803	35.442
1.014	14.610			
1/3/2016 3:50:00 PM	280200.000	73.146	17.980	166.723
28212.586	32580.832	20.515	22154.969	35.445
1.014	14.612			
1/3/2016 3:55:00 PM	280500.000	73.124	17.980	166.672
28206.373	32573.840	20.510	22150.211	35.453
1.014	14.613			
1/3/2016 4:00:00 PM	280800.000	73.124	17.980	166.672
28213.904	32582.719	20.516	22156.250	35.444
1.014	14.615			
1/3/2016 4:05:00 PM	281100.000	73.124	17.980	166.672
28211.441	32579.693	20.514	22154.191	35.447
1.014	14.616			
1/3/2016 4:10:00 PM	281400.000	73.123	17.981	166.670
28210.537	32578.393	20.513	22153.307	35.448
1.014	14.616			
1/3/2016 4:15:00 PM	281700.000	73.142	17.980	166.713
28226.615	32597.344	20.526	22166.195	35.428
1.014	14.617			
1/3/2016 4:20:00 PM	282000.000	73.146	17.980	166.722
28212.482	32580.959	20.515	22155.055	35.445
1.014	14.618			
1/3/2016 4:25:00 PM	282300.000	73.124	17.980	166.672
28220.748	32590.311	20.521	22161.414	35.435
1.014	14.618			
1/3/2016 4:30:00 PM	282600.000	73.144	17.980	166.718
28204.408	32571.699	20.508	22148.756	35.455
1.014	14.618			
1/3/2016 4:35:00 PM	282900.000	73.128	17.980	166.681
28206.730	32574.254	20.510	22150.494	35.453
1.014	14.617			
1/3/2016 4:40:00 PM	283200.000	73.132	17.980	166.690
28222.992	32593.215	20.523	22163.387	35.432
1.014	14.616			
1/3/2016 4:45:00 PM	283500.000	73.151	17.980	166.735
28210.129	32577.994	20.513	22153.037	35.448
1.014	14.615			
1/3/2016 4:50:00 PM	283800.000	73.155	17.980	166.742
28219.271	32588.863	20.520	22160.430	35.437
1.014	14.614			
1/3/2016 4:55:00 PM	284100.000	73.154	17.980	166.740
28222.965	32593.129	20.523	22163.330	35.432
1.014	14.613			
1/3/2016 5:00:00 PM	284400.000	73.133	17.980	166.693
28227.211	32598.033	20.527	22166.662	35.427
1.014	14.613			
1/3/2016 5:05:00 PM	284700.000	73.158	17.980	166.750
28214.773	32583.855	20.517	22157.023	35.442
1.014	14.612			
1/3/2016 5:10:00 PM	285000.000	73.158	17.980	166.750
28215.859	32584.924	20.517	22157.750	35.441
1.014	14.612			
1/3/2016 5:15:00 PM	285300.000	73.137	17.980	166.701
28217.389	32586.563	20.519	22158.865	35.439
1.014	14.612			

1/3/2016 5:20:00 PM	285600.000	73.162	17.980	166.758
28233.068	32604.604	20.531	22171.131	35.419
1.014	14.612			
1/3/2016 5:25:00 PM	285900.000	73.159	17.980	166.751
28216.473	32585.818	20.518	22158.357	35.440
1.014	14.613			
1/3/2016 5:30:00 PM	286200.000	73.136	17.980	166.700
28223.699	32593.719	20.524	22163.729	35.431
1.014	14.613			
1/3/2016 5:35:00 PM	286500.000	73.134	17.980	166.695
28226.135	32596.789	20.526	22165.816	35.428
1.014	14.616			
1/3/2016 5:40:00 PM	286800.000	73.154	17.980	166.740
28207.744	32575.240	20.511	22151.164	35.451
1.014	14.619			
1/3/2016 5:45:00 PM	287100.000	73.153	17.980	166.737
28220.121	32589.652	20.521	22160.963	35.436
1.014	14.622			
1/3/2016 5:50:00 PM	287400.000	73.134	17.980	166.696
28228.965	32599.930	20.528	22167.953	35.425
1.014	14.619			
1/3/2016 5:55:00 PM	287700.000	73.162	17.980	166.758
28214.785	32583.684	20.517	22156.906	35.442
1.014	14.616			
1/3/2016 6:00:00 PM	288000.000	73.163	17.980	166.760
28225.857	32596.342	20.525	22165.512	35.429
1.014	14.613			
1/3/2016 6:05:00 PM	288300.000	73.145	17.980	166.719
28225.795	32596.332	20.525	22165.506	35.429
1.014	14.615			
1/3/2016 6:10:00 PM	288600.000	73.162	17.980	166.758
28227.064	32597.863	20.526	22166.547	35.427
1.014	14.616			
1/3/2016 6:15:00 PM	288900.000	73.144	17.980	166.717
28207.727	32575.586	20.511	22151.400	35.451
1.014	14.618			
1/3/2016 6:20:00 PM	289200.000	73.143	17.980	166.716
28218.939	32588.352	20.520	22160.082	35.437
1.014	14.618			
1/3/2016 6:25:00 PM	289500.000	73.147	17.980	166.725
28205.014	32572.205	20.509	22149.102	35.455
1.014	14.618			
1/3/2016 6:30:00 PM	289800.000	73.165	17.980	166.767
28202.713	32569.430	20.507	22147.215	35.458
1.014	14.619			
1/3/2016 6:35:00 PM	290100.000	73.146	17.980	166.723
28223.631	32594.084	20.524	22163.977	35.431
1.014	14.619			
1/3/2016 6:40:00 PM	290400.000	73.149	17.980	166.729
28218.867	32588.396	20.520	22160.111	35.437
1.014	14.619			
1/3/2016 6:45:00 PM	290700.000	73.148	17.980	166.726
28221.490	32591.426	20.522	22162.170	35.434
1.014	14.619			
1/3/2016 6:50:00 PM	291000.000	73.168	17.980	166.771
28218.738	32588.373	20.520	22160.096	35.437
1.014	14.621			

1/3/2016 6:55:00 PM	291300.000	73.167	17.980	166.771
28208.867	32576.721	20.512	22152.170	35.450
1.014	14.622			
1/3/2016 7:00:00 PM	291600.000	73.146	17.980	166.722
28222.039	32591.994	20.522	22162.557	35.433
1.014	14.624			
1/3/2016 7:05:00 PM	291900.000	73.165	17.980	166.765
28218.943	32588.291	20.520	22160.039	35.437
1.014	14.624			
1/3/2016 7:10:00 PM	292200.000	73.168	17.980	166.772
28210.730	32578.807	20.513	22153.590	35.448
1.014	14.624			
1/3/2016 7:15:00 PM	292500.000	73.149	17.980	166.729
28220.430	32590.256	20.521	22161.377	35.435
1.014	14.625			
1/3/2016 7:20:00 PM	292800.000	73.150	17.980	166.731
28217.896	32587.082	20.519	22159.219	35.439
1.014	14.625			
1/3/2016 7:25:00 PM	293100.000	73.165	17.980	166.766
28208.867	32576.848	20.512	22152.256	35.450
1.014	14.625			
1/3/2016 7:30:00 PM	293400.000	73.152	17.980	166.736
28219.078	32588.695	20.520	22160.313	35.437
1.014	14.625			
1/3/2016 7:35:00 PM	293700.000	73.171	17.980	166.779
28211.273	32579.563	20.514	22154.104	35.447
1.014	14.624			
1/3/2016 7:40:00 PM	294000.000	73.171	17.980	166.780
28207.396	32575.203	20.511	22151.141	35.452
1.014	14.623			
1/3/2016 7:45:00 PM	294300.000	73.160	17.980	166.753
28226.730	32597.479	20.526	22166.287	35.427
1.014	14.622			
1/3/2016 7:50:00 PM	294600.000	73.173	17.980	166.783
28200.350	32567.066	20.505	22145.607	35.461
1.014	14.623			
1/3/2016 7:55:00 PM	294900.000	73.150	17.980	166.733
28218.287	32587.854	20.519	22159.740	35.438
1.014	14.624			
1/3/2016 8:00:00 PM	295200.000	73.149	17.980	166.730
28213.355	32582.279	20.516	22155.951	35.444
1.014	14.625			
1/3/2016 8:05:00 PM	295500.000	73.172	17.980	166.782
28213.869	32582.625	20.516	22156.188	35.444
1.014	14.625			
1/3/2016 8:10:00 PM	295800.000	73.150	17.980	166.731
28217.346	32586.641	20.519	22158.916	35.439
1.014	14.625			
1/3/2016 8:15:00 PM	296100.000	73.170	17.980	166.778
28217.906	32587.342	20.519	22159.393	35.438
1.014	14.625			
1/3/2016 8:20:00 PM	296400.000	73.153	17.980	166.738
28217.514	32586.770	20.519	22159.004	35.439
1.014	14.623			
1/3/2016 8:25:00 PM	296700.000	73.153	17.980	166.738
28209.973	32578.125	20.513	22153.125	35.448
1.014	14.620			
1/3/2016 8:30:00 PM	297000.000	73.157	17.980	166.747

28217.910	32587.227	20.519	22159.314	35.438
1.014	14.618			
1/3/2016 8:35:00 PM	297300.000	73.176	17.981	166.790
28205.635	32572.732	20.509	22149.459	35.454
1.014	14.619			
1/3/2016 8:40:00 PM	297600.000	73.177	17.980	166.793
28225.689	32596.275	20.525	22165.469	35.429
1.014	14.619			
1/3/2016 8:45:00 PM	297900.000	73.172	17.980	166.782
28219.408	32588.895	20.520	22160.449	35.437
1.014	14.620			
1/3/2016 8:50:00 PM	298200.000	73.170	17.980	166.777
28230.846	32601.973	20.529	22169.342	35.422
1.014	14.620			
1/3/2016 8:55:00 PM	298500.000	73.171	17.980	166.779
28235.311	32607.322	20.533	22172.979	35.417
1.014	14.620			
1/3/2016 9:00:00 PM	298800.000	73.174	17.980	166.786
28226.113	32596.699	20.526	22165.756	35.428
1.014	14.620			
1/3/2016 9:05:00 PM	299100.000	73.171	17.980	166.779
28212.234	32580.426	20.514	22154.689	35.446
1.014	14.622			
1/3/2016 9:10:00 PM	299400.000	73.169	17.980	166.775
28218.010	32587.406	20.519	22159.438	35.438
1.014	14.623			
1/3/2016 9:15:00 PM	299700.000	73.149	17.980	166.730
28211.854	32580.352	20.514	22154.641	35.446
1.014	14.624			
1/3/2016 9:20:00 PM	300000.000	73.148	17.980	166.727
28218.260	32587.631	20.519	22159.592	35.438
1.014	14.623			
1/3/2016 9:25:00 PM	300300.000	73.171	17.980	166.779
28218.730	32588.174	20.520	22159.959	35.437
1.014	14.621			
1/3/2016 9:30:00 PM	300600.000	73.170	17.980	166.778
28215.260	32584.285	20.517	22157.316	35.442
1.014	14.619			
1/3/2016 9:35:00 PM	300900.000	73.148	17.980	166.726
28217.832	32587.326	20.519	22159.383	35.439
1.014	14.621			
1/3/2016 9:40:00 PM	301200.000	73.168	17.980	166.772
28214.299	32582.809	20.516	22156.311	35.443
1.014	14.622			
1/3/2016 9:45:00 PM	301500.000	73.164	17.980	166.762
28215.813	32584.869	20.517	22157.713	35.441
1.014	14.623			
1/3/2016 9:50:00 PM	301800.000	73.168	17.980	166.772
28206.783	32574.248	20.510	22150.490	35.452
1.014	14.622			
1/3/2016 9:55:00 PM	302100.000	73.139	17.980	166.707
28226.133	32596.787	20.526	22165.816	35.428
1.014	14.621			
1/3/2016 10:00:00 PM	302400.000	73.166	17.980	166.769
28211.762	32580.191	20.514	22154.531	35.446
1.014	14.620			
1/3/2016 10:05:00 PM	302700.000	73.151	17.980	166.734

28208.355	32576.000	20.511	22151.680	35.450
1.014	14.621			
1/3/2016 10:10:00 PM	303000.000	73.167	17.980	166.771
28211.104	32579.365	20.514	22153.971	35.447
1.014	14.622			
1/3/2016 10:15:00 PM	303300.000	73.163	17.980	166.762
28230.027	32601.221	20.529	22168.830	35.423
1.014	14.623			
1/3/2016 10:20:00 PM	303600.000	73.164	17.980	166.763
28222.172	32592.340	20.523	22162.793	35.433
1.014	14.623			
1/3/2016 10:25:00 PM	303900.000	73.146	17.980	166.722
28201.781	32568.408	20.506	22146.520	35.459
1.014	14.623			
1/3/2016 10:30:00 PM	304200.000	73.143	17.980	166.714
28200.121	32566.621	20.505	22145.305	35.461
1.014	14.623			
1/3/2016 10:35:00 PM	304500.000	73.143	17.981	166.715
28213.240	32581.459	20.515	22155.395	35.444
1.014	14.624			
1/3/2016 10:40:00 PM	304800.000	73.156	17.980	166.745
28206.643	32574.334	20.510	22150.547	35.453
1.014	14.626			
1/3/2016 10:45:00 PM	305100.000	73.134	17.980	166.694
28214.955	32583.752	20.517	22156.951	35.442
1.014	14.628			
1/3/2016 10:50:00 PM	305400.000	73.135	17.980	166.696
28211.061	32579.189	20.514	22153.850	35.447
1.014	14.625			
1/3/2016 10:55:00 PM	305700.000	73.138	17.980	166.705
28205.127	32572.465	20.509	22149.277	35.455
1.014	14.623			
1/3/2016 11:00:00 PM	306000.000	73.140	17.980	166.708
28217.539	32586.916	20.519	22159.105	35.439
1.014	14.620			
1/3/2016 11:05:00 PM	306300.000	73.140	17.980	166.709
28221.197	32591.088	20.522	22161.939	35.434
1.014	14.620			
1/3/2016 11:10:00 PM	306600.000	73.161	17.980	166.757
28219.635	32589.338	20.521	22160.752	35.436
1.014	14.620			
1/3/2016 11:15:00 PM	306900.000	73.157	17.980	166.747
28202.484	32569.531	20.507	22147.281	35.458
1.014	14.620			
1/3/2016 11:20:00 PM	307200.000	73.136	17.980	166.700
28218.457	32587.795	20.519	22159.703	35.438
1.014	14.622			
1/3/2016 11:25:00 PM	307500.000	73.154	17.980	166.740
28220.576	32590.496	20.521	22161.539	35.435
1.014	14.624			
1/3/2016 11:30:00 PM	307800.000	73.151	17.981	166.733
28209.834	32577.582	20.512	22152.758	35.449
1.014	14.626			
1/3/2016 11:35:00 PM	308100.000	73.133	17.981	166.693
28222.879	32592.646	20.523	22163.000	35.432
1.014	14.626			
1/3/2016 11:40:00 PM	308400.000	73.133	17.980	166.692
28210.400	32578.865	20.513	22153.629	35.448

1.014	14.626			
1/3/2016 11:45:00 PM	308700.000	73.151	17.980	166.733
28220.316	32589.943	20.521	22161.164	35.435
1.014	14.626			
1/3/2016 11:50:00 PM	309000.000	73.150	17.980	166.732
28223.557	32593.686	20.524	22163.707	35.431
1.014	14.624			
1/3/2016 11:55:00 PM	309300.000	73.151	17.980	166.735
28217.068	32586.506	20.519	22158.824	35.440
1.014	14.622			
1/4/2016 12:00:00 AM	309600.000	73.154	17.980	166.740
28229.238	32600.309	20.528	22168.213	35.424
1.014	14.620			
1/4/2016 12:05:00 AM	309900.000	73.157	17.980	166.748
28224.027	32594.355	20.524	22164.164	35.431
1.014	14.620			
1/4/2016 12:10:00 AM	310200.000	73.136	17.980	166.699
28219.902	32589.465	20.521	22160.838	35.436
1.014	14.621			
1/4/2016 12:15:00 AM	310500.000	73.150	17.980	166.732
28203.598	32570.506	20.507	22147.943	35.456
1.014	14.622			
1/4/2016 12:20:00 AM	310800.000	73.151	17.980	166.733
28222.680	32592.799	20.523	22163.105	35.432
1.014	14.620			
1/4/2016 12:25:00 AM	311100.000	73.130	17.980	166.685
28218.596	32588.209	20.520	22159.982	35.438
1.014	14.618			
1/4/2016 12:30:00 AM	311400.000	73.135	17.980	166.697
28204.186	32571.441	20.508	22148.580	35.456
1.014	14.616			
1/4/2016 12:35:00 AM	311700.000	73.155	17.980	166.744
28216.754	32586.010	20.518	22158.488	35.440
1.014	14.615			
1/4/2016 12:40:00 AM	312000.000	73.154	17.980	166.741
28192.707	32558.240	20.499	22139.605	35.470
1.014	14.614			
1/4/2016 12:45:00 AM	312300.000	73.158	17.980	166.750
28220.912	32590.758	20.522	22161.717	35.435
1.014	14.612			
1/4/2016 12:50:00 AM	312600.000	73.155	17.980	166.743
28222.980	32592.836	20.523	22163.129	35.432
1.014	14.614			
1/4/2016 12:55:00 AM	312900.000	73.134	17.980	166.694
28219.170	32588.873	20.520	22160.436	35.437
1.014	14.615			
1/4/2016 1:00:00 AM	313200.000	73.135	17.980	166.697
28231.145	32602.887	20.530	22169.963	35.422
1.014	14.616			
1/4/2016 1:05:00 AM	313500.000	73.153	17.980	166.738
28220.086	32589.740	20.521	22161.023	35.436
1.014	14.618			
1/4/2016 1:10:00 AM	313800.000	73.152	17.980	166.735
28216.830	32585.852	20.518	22158.381	35.440
1.014	14.619			
1/4/2016 1:15:00 AM	314100.000	73.152	17.980	166.735
28217.176	32586.689	20.519	22158.951	35.439

1.014	14.620			
1/4/2016 1:20:00 AM	314400.000	73.139	17.980	166.705
28198.504	32565.191	20.504	22144.330	35.463
1.014	14.616			
1/4/2016 1:25:00 AM	314700.000	73.157	17.980	166.748
28205.129	32572.467	20.509	22149.279	35.455
1.014	14.612			
1/4/2016 1:30:00 AM	315000.000	73.163	17.980	166.761
28205.023	32572.410	20.509	22149.238	35.455
1.014	14.609			
1/4/2016 1:35:00 AM	315300.000	73.162	17.981	166.758
28201.773	32568.273	20.506	22146.428	35.459
1.014	14.610			
1/4/2016 1:40:00 AM	315600.000	73.161	17.980	166.757
28217.752	32587.109	20.519	22159.234	35.439
1.014	14.611			
1/4/2016 1:45:00 AM	315900.000	73.144	17.980	166.717
28214.756	32583.648	20.517	22156.881	35.442
1.014	14.613			
1/4/2016 1:50:00 AM	316200.000	73.162	17.980	166.759
28226.359	32596.984	20.526	22165.951	35.428
1.014	14.614			
1/4/2016 1:55:00 AM	316500.000	73.144	17.980	166.717
28218.016	32587.285	20.519	22159.355	35.438
1.014	14.616			
1/4/2016 2:00:00 AM	316800.000	73.144	17.981	166.718
28208.195	32575.375	20.511	22151.256	35.451
1.014	14.617			
1/4/2016 2:05:00 AM	317100.000	73.163	17.980	166.762
28205.469	32573.049	20.509	22149.676	35.454
1.014	14.616			
1/4/2016 2:10:00 AM	317400.000	73.168	17.980	166.771
28225.434	32595.723	20.525	22165.092	35.429
1.014	14.616			
1/4/2016 2:15:00 AM	317700.000	73.152	17.980	166.735
28217.354	32586.338	20.518	22158.713	35.439
1.014	14.615			
1/4/2016 2:20:00 AM	318000.000	73.151	17.980	166.735
28210.129	32578.359	20.513	22153.285	35.448
1.014	14.615			
1/4/2016 2:25:00 AM	318300.000	73.149	17.980	166.730
28214.699	32583.391	20.516	22156.705	35.443
1.014	14.615			
1/4/2016 2:30:00 AM	318600.000	73.170	17.980	166.777
28227.510	32598.313	20.527	22166.855	35.426
1.014	14.615			
1/4/2016 2:35:00 AM	318900.000	73.152	17.980	166.737
28220.586	32590.508	20.521	22161.547	35.435
1.014	14.615			
1/4/2016 2:40:00 AM	319200.000	73.177	17.980	166.792
28227.238	32598.189	20.527	22166.771	35.427
1.014	14.615			
1/4/2016 2:45:00 AM	319500.000	73.178	17.980	166.796
28224.848	32595.303	20.525	22164.809	35.430
1.014	14.614			
1/4/2016 2:50:00 AM	319800.000	73.160	17.980	166.754
28210.674	32579.121	20.513	22153.803	35.448
1.014	14.615			

1/4/2016 2:55:00 AM	320100.000	73.179	17.980	166.797
28225.762	32596.166	20.525	22165.395	35.429
1.014	14.615			
1/4/2016 3:00:00 AM	320400.000	73.160	17.980	166.755
28223.072	32592.994	20.523	22163.236	35.432
1.014	14.616			
1/4/2016 3:05:00 AM	320700.000	73.157	17.980	166.748
28210.404	32578.313	20.513	22153.254	35.448
1.014	14.615			
1/4/2016 3:10:00 AM	321000.000	73.162	17.980	166.758
28211.252	32579.729	20.514	22154.217	35.447
1.014	14.614			
1/4/2016 3:15:00 AM	321300.000	73.189	17.980	166.820
28218.785	32588.174	20.520	22159.959	35.437
1.014	14.614			
1/4/2016 3:20:00 AM	321600.000	73.184	17.980	166.810
28221.344	32591.443	20.522	22162.182	35.434
1.014	14.612			
1/4/2016 3:25:00 AM	321900.000	73.190	17.980	166.824
28215.693	32584.475	20.517	22157.443	35.441
1.014	14.610			
1/4/2016 3:30:00 AM	322200.000	73.199	17.980	166.843
28208.793	32576.451	20.512	22151.986	35.450
1.014	14.608			
1/4/2016 3:35:00 AM	322500.000	73.198	17.980	166.841
28213.197	32581.783	20.515	22155.615	35.444
1.014	14.606			
1/4/2016 3:40:00 AM	322800.000	73.198	17.980	166.841
28219.730	32589.266	20.520	22160.701	35.436
1.014	14.604			
1/4/2016 3:45:00 AM	323100.000	73.204	17.981	166.854
28214.969	32583.512	20.517	22156.789	35.442
1.014	14.601			
1/4/2016 3:50:00 AM	323400.000	73.187	17.980	166.817
28221.977	32591.988	20.522	22162.555	35.433
1.014	14.602			
1/4/2016 3:55:00 AM	323700.000	73.189	17.980	166.821
28242.896	32616.020	20.539	22178.895	35.407
1.014	14.602			
1/4/2016 4:00:00 AM	324000.000	73.214	17.981	166.878
28202.738	32569.387	20.507	22147.184	35.458
1.014	14.603			
1/4/2016 4:05:00 AM	324300.000	73.213	17.981	166.875
28225.150	32595.270	20.525	22164.783	35.429
1.014	14.602			
1/4/2016 4:10:00 AM	324600.000	73.218	17.980	166.885
28216.404	32585.424	20.518	22158.088	35.440
1.014	14.601			
1/4/2016 4:15:00 AM	324900.000	73.196	17.980	166.837
28195.631	32561.498	20.501	22141.818	35.466
1.014	14.600			
1/4/2016 4:20:00 AM	325200.000	73.220	17.981	166.890
28218.037	32587.055	20.519	22159.199	35.438
1.014	14.600			
1/4/2016 4:25:00 AM	325500.000	73.203	17.980	166.851
28217.781	32587.197	20.519	22159.297	35.439
1.014	14.601			

1/4/2016 4:30:00 AM	325800.000	73.206	17.980	166.858
28216.893	32585.859	20.518	22158.387	35.440
1.014	14.601			
1/4/2016 4:35:00 AM	326100.000	73.227	17.980	166.908
28227.621	32598.561	20.527	22167.023	35.426
1.014	14.601			
1/4/2016 4:40:00 AM	326400.000	73.229	17.980	166.911
28226.125	32596.586	20.526	22165.678	35.428
1.014	14.601			
1/4/2016 4:45:00 AM	326700.000	73.227	17.980	166.906
28221.830	32591.625	20.522	22162.307	35.434
1.014	14.601			
1/4/2016 4:50:00 AM	327000.000	73.233	17.981	166.921
28211.775	32579.824	20.514	22154.281	35.446
1.014	14.600			
1/4/2016 4:55:00 AM	327300.000	73.228	17.980	166.910
28221.656	32591.553	20.522	22162.256	35.434
1.014	14.600			
1/4/2016 5:00:00 AM	327600.000	73.237	17.980	166.929
28211.557	32579.889	20.514	22154.326	35.446
1.014	14.599			
1/4/2016 5:05:00 AM	327900.000	73.222	17.980	166.897
28229.959	32601.014	20.529	22168.689	35.423
1.014	14.598			
1/4/2016 5:10:00 AM	328200.000	73.242	17.980	166.941
28219.596	32589.238	20.520	22160.684	35.436
1.014	14.598			
1/4/2016 5:15:00 AM	328500.000	73.227	17.980	166.906
28205.111	32572.199	20.509	22149.098	35.455
1.014	14.597			
1/4/2016 5:20:00 AM	328800.000	73.250	17.980	166.959
28202.369	32569.279	20.507	22147.109	35.458
1.014	14.598			
1/4/2016 5:25:00 AM	329100.000	73.251	17.980	166.962
28220.898	32590.549	20.521	22161.576	35.435
1.014	14.599			
1/4/2016 5:30:00 AM	329400.000	73.250	17.980	166.960
28210.033	32578.066	20.513	22153.088	35.448
1.014	14.600			
1/4/2016 5:35:00 AM	329700.000	73.251	17.980	166.961
28222.877	32592.963	20.523	22163.215	35.432
1.014	14.600			
1/4/2016 5:40:00 AM	330000.000	73.258	17.981	166.978
28227.016	32597.424	20.526	22166.248	35.427
1.014	14.600			
1/4/2016 5:45:00 AM	330300.000	73.260	17.981	166.982
28208.400	32575.926	20.511	22151.631	35.450
1.014	14.600			
1/4/2016 5:50:00 AM	330600.000	73.260	17.981	166.982
28213.984	32582.375	20.516	22156.018	35.443
1.014	14.600			
1/4/2016 5:55:00 AM	330900.000	73.263	17.980	166.990
28212.326	32580.586	20.514	22154.801	35.445
1.014	14.600			
1/4/2016 6:00:00 AM	331200.000	73.259	17.980	166.980
28226.701	32597.379	20.526	22166.219	35.427
1.014	14.601			
1/4/2016 6:05:00 AM	331500.000	73.247	17.980	166.954

28216.203	32585.193	20.518	22157.932	35.441
1.014	14.601			
1/4/2016 6:10:00 AM	331800.000	73.251	17.980	166.962
28225.693	32596.152	20.525	22165.387	35.429
1.014	14.601			
1/4/2016 6:15:00 AM	332100.000	73.253	17.980	166.967
28212.975	32581.465	20.515	22155.396	35.445
1.014	14.601			
1/4/2016 6:20:00 AM	332400.000	73.250	17.981	166.959
28226.740	32597.105	20.526	22166.033	35.427
1.014	14.600			
1/4/2016 6:25:00 AM	332700.000	73.257	17.981	166.975
28210.090	32577.820	20.513	22152.920	35.448
1.014	14.600			
1/4/2016 6:30:00 AM	333000.000	73.277	17.980	167.021
28237.553	32609.910	20.535	22174.740	35.414
1.014	14.599			
1/4/2016 6:35:00 AM	333300.000	73.277	17.981	167.021
28242.057	32614.736	20.538	22178.021	35.408
1.014	14.601			
1/4/2016 6:40:00 AM	333600.000	73.259	17.980	166.980
28221.854	32591.652	20.522	22162.324	35.434
1.014	14.603			
1/4/2016 6:45:00 AM	333900.000	73.257	17.981	166.976
28211.994	32579.889	20.514	22154.326	35.446
1.014	14.605			
1/4/2016 6:50:00 AM	334200.000	73.278	17.980	167.024
28224.020	32594.035	20.524	22163.943	35.431
1.014	14.608			
1/4/2016 6:55:00 AM	334500.000	73.276	17.980	167.018
28227.775	32598.557	20.527	22167.021	35.426
1.014	14.611			
1/4/2016 7:00:00 AM	334800.000	73.275	17.981	167.017
28221.527	32591.086	20.522	22161.939	35.434
1.014	14.615			
1/4/2016 7:05:00 AM	335100.000	73.283	17.980	167.035
28211.707	32579.816	20.514	22154.275	35.446
1.014	14.616			
1/4/2016 7:10:00 AM	335400.000	73.259	17.980	166.979
28223.160	32593.043	20.523	22163.271	35.432
1.014	14.618			
1/4/2016 7:15:00 AM	335700.000	73.277	17.981	167.022
28219.717	32588.748	20.520	22160.352	35.436
1.014	14.620			
1/4/2016 7:20:00 AM	336000.000	73.283	17.980	167.034
28225.186	32595.436	20.525	22164.898	35.429
1.014	14.616			
1/4/2016 7:25:00 AM	336300.000	73.284	17.980	167.036
28230.064	32601.264	20.529	22168.859	35.423
1.014	14.612			
1/4/2016 7:30:00 AM	336600.000	73.265	17.980	166.992
28246.619	32620.445	20.542	22181.904	35.402
1.014	14.609			
1/4/2016 7:35:00 AM	336900.000	73.290	17.981	167.050
28218.313	32587.184	20.519	22159.287	35.438
1.014	14.612			
1/4/2016 7:40:00 AM	337200.000	73.269	17.980	167.002

28218.131	32587.289	20.519	22159.359	35.438
1.014	14.615			
1/4/2016 7:45:00 AM	337500.000	73.288	17.980	167.046
28228.523	32599.355	20.527	22167.564	35.425
1.014	14.617			
1/4/2016 7:50:00 AM	337800.000	73.292	17.981	167.055
28228.320	32598.805	20.527	22167.189	35.425
1.014	14.616			
1/4/2016 7:55:00 AM	338100.000	73.291	17.980	167.054
28204.475	32571.775	20.508	22148.807	35.455
1.014	14.615			
1/4/2016 8:00:00 AM	338400.000	73.290	17.981	167.050
28226.977	32597.064	20.526	22166.004	35.427
1.014	14.613			
1/4/2016 8:05:00 AM	338700.000	73.271	17.981	167.007
28238.375	32610.486	20.535	22175.133	35.413
1.014	14.613			
1/4/2016 8:10:00 AM	339000.000	73.271	17.980	167.008
28196.621	32562.449	20.502	22142.465	35.465
1.014	14.613			
1/4/2016 8:15:00 AM	339300.000	73.287	17.981	167.043
28218.775	32587.781	20.519	22159.693	35.437
1.014	14.613			
1/4/2016 8:20:00 AM	339600.000	73.269	17.981	167.002
28225.756	32595.844	20.525	22165.174	35.429
1.014	14.612			
1/4/2016 8:25:00 AM	339900.000	73.292	17.981	167.056
28218.252	32587.246	20.519	22159.328	35.438
1.014	14.612			
1/4/2016 8:30:00 AM	340200.000	73.288	17.980	167.046
28215.160	32583.857	20.517	22157.023	35.442
1.014	14.611			
1/4/2016 8:35:00 AM	340500.000	73.290	17.981	167.050
28222.400	32592.094	20.522	22162.625	35.433
1.014	14.613			
1/4/2016 8:40:00 AM	340800.000	73.286	17.981	167.041
28245.805	32619.066	20.541	22180.965	35.403
1.014	14.615			
1/4/2016 8:45:00 AM	341100.000	73.286	17.981	167.042
28213.547	32581.813	20.515	22155.635	35.444
1.014	14.617			
1/4/2016 8:50:00 AM	341400.000	73.291	17.981	167.053
28204.367	32571.080	20.508	22148.334	35.456
1.014	14.616			
1/4/2016 8:55:00 AM	341700.000	73.285	17.980	167.039
28224.488	32594.576	20.524	22164.314	35.430
1.014	14.615			
1/4/2016 9:00:00 AM	342000.000	73.288	17.981	167.047
28226.703	32597.063	20.526	22166.002	35.427
1.014	14.614			
1/4/2016 9:05:00 AM	342300.000	73.285	17.981	167.040
28224.449	32594.334	20.524	22164.148	35.430
1.014	14.615			
1/4/2016 9:10:00 AM	342600.000	73.288	17.981	167.047
28230.658	32601.441	20.529	22168.982	35.422
1.014	14.616			
1/4/2016 9:15:00 AM	342900.000	73.285	17.980	167.040
28220.002	32589.396	20.521	22160.789	35.436

1.014	14.617			
1/4/2016 9:20:00 AM	343200.000	73.280	17.981	167.027
28228.799	32599.357	20.527	22167.564	35.425
1.014	14.619			
1/4/2016 9:25:00 AM	343500.000	73.261	17.981	166.985
28226.244	32596.344	20.525	22165.514	35.428
1.014	14.621			
1/4/2016 9:30:00 AM	343800.000	73.257	17.981	166.975
28199.725	32565.719	20.504	22144.689	35.461
1.014	14.623			
1/4/2016 9:35:00 AM	344100.000	73.262	17.981	166.986
28217.922	32586.295	20.518	22158.682	35.438
1.014	14.623			
1/4/2016 9:40:00 AM	344400.000	73.261	17.981	166.984
28227.314	32597.713	20.526	22166.447	35.427
1.014	14.623			
1/4/2016 9:45:00 AM	344700.000	73.259	17.980	166.980
28216.082	32584.869	20.517	22157.713	35.441
1.014	14.622			
1/4/2016 9:50:00 AM	345000.000	73.258	17.981	166.978
28222.434	32592.133	20.522	22162.650	35.433
1.014	14.624			
1/4/2016 9:55:00 AM	345300.000	73.259	17.980	166.980
28210.100	32578.014	20.513	22153.049	35.448
1.014	14.625			
1/4/2016 10:00:00 AM	345600.000	73.257	17.981	166.976
28228.391	32598.822	20.527	22167.199	35.425
1.014	14.627			
1/4/2016 10:05:00 AM	345900.000	73.252	17.981	166.964
28217.172	32585.742	20.518	22158.307	35.439
1.014	14.628			
1/4/2016 10:10:00 AM	346200.000	73.248	17.981	166.955
28215.604	32584.244	20.517	22157.287	35.441
1.014	14.629			
1/4/2016 10:15:00 AM	346500.000	73.268	17.981	167.000
28222.721	32592.408	20.523	22162.840	35.432
1.014	14.629			
1/4/2016 10:20:00 AM	346800.000	73.264	17.981	166.991
28220.164	32589.322	20.521	22160.742	35.436
1.014	14.628			
1/4/2016 10:25:00 AM	347100.000	73.264	17.980	166.991
28215.000	32583.674	20.517	22156.900	35.442
1.014	14.627			
1/4/2016 10:30:00 AM	347400.000	73.262	17.980	166.987
28215.486	32584.182	20.517	22157.246	35.442
1.014	14.626			
1/4/2016 10:35:00 AM	347700.000	73.259	17.980	166.981
28203.734	32570.855	20.508	22148.182	35.456
1.014	14.625			
1/4/2016 10:40:00 AM	348000.000	73.240	17.981	166.936
28224.293	32593.965	20.524	22163.898	35.430
1.014	14.623			
1/4/2016 10:45:00 AM	348300.000	73.262	17.980	166.987
28218.734	32587.986	20.520	22159.832	35.437
1.014	14.622			
1/4/2016 10:50:00 AM	348600.000	73.261	17.980	166.985
28221.068	32590.939	20.522	22161.840	35.435

1.014	14.623				
1/4/2016 10:55:00 AM	348900.000	73.251	17.981	166.963	
28216.373	32585.076	20.518	22157.852	35.440	
1.014	14.625				
1/4/2016 11:00:00 AM	349200.000	73.226	17.981	166.906	
28214.834	32583.230	20.516	22156.600	35.442	
1.014	14.626				
1/4/2016 11:05:00 AM	349500.000	73.251	17.980	166.961	
28214.344	32582.916	20.516	22156.383	35.443	
1.014	14.625				
1/4/2016 11:10:00 AM	349800.000	73.241	17.981	166.938	
28223.756	32593.658	20.524	22163.689	35.431	
1.014	14.624				
1/4/2016 11:15:00 AM	350100.000	73.242	17.981	166.941	
28210.041	32577.695	20.512	22152.836	35.448	
1.014	14.623				
1/4/2016 11:20:00 AM	350400.000	73.220	17.980	166.891	
28228.615	32599.342	20.527	22167.553	35.425	
1.014	14.623				
1/4/2016 11:25:00 AM	350700.000	73.222	17.980	166.896	
28225.807	32596.100	20.525	22165.348	35.429	
1.014	14.623				
1/4/2016 11:30:00 AM	351000.000	73.235	17.981	166.925	
28215.170	32583.555	20.517	22156.820	35.442	
1.014	14.623				
1/4/2016 11:35:00 AM	351300.000	73.215	17.981	166.881	
28220.340	32589.715	20.521	22161.008	35.435	
1.014	14.623				
1/4/2016 11:40:00 AM	351600.000	73.229	17.980	166.913	
28223.498	32593.434	20.523	22163.535	35.431	
1.014	14.622				
1/4/2016 11:45:00 AM	351900.000	73.206	17.980	166.859	
28225.170	32595.482	20.525	22164.928	35.429	
1.014	14.621				
1/4/2016 11:50:00 AM	352200.000	73.229	17.980	166.912	
28225.703	32595.979	20.525	22165.266	35.429	
1.014	14.620				
1/4/2016 11:55:00 AM	352500.000	73.206	17.981	166.860	
28215.564	32583.953	20.517	22157.090	35.441	
1.014	14.619				
1/4/2016 12:00:00 PM	352800.000	73.220	17.980	166.891	
28212.568	32580.865	20.515	22154.988	35.445	
1.014	14.618				
1/4/2016 12:05:00 PM	353100.000	73.198	17.981	166.840	
28209.602	32577.258	20.512	22152.537	35.449	
1.014	14.617				
1/4/2016 12:10:00 PM	353400.000	73.222	17.981	166.896	
28218.738	32587.865	20.520	22159.750	35.437	
1.014	14.615				
1/4/2016 12:15:00 PM	353700.000	73.218	17.981	166.885	
28216.350	32584.980	20.518	22157.787	35.440	
1.014	14.614				
1/4/2016 12:20:00 PM	354000.000	73.197	17.980	166.839	
28214.734	32583.678	20.517	22156.902	35.442	
1.014	14.613				
1/4/2016 12:25:00 PM	354300.000	73.211	17.981	166.870	
28240.975	32613.172	20.537	22176.959	35.410	
1.014	14.612				

1/4/2016 12:30:00 PM	354600.000	73.197	17.980	166.837
28225.340	32595.613	20.525	22165.018	35.429
1.014	14.611			
1/4/2016 12:35:00 PM	354900.000	73.210	17.981	166.869
28216.840	32585.484	20.518	22158.131	35.440
1.014	14.611			
1/4/2016 12:40:00 PM	355200.000	73.208	17.980	166.864
28225.826	32596.176	20.525	22165.402	35.429
1.014	14.611			
1/4/2016 12:45:00 PM	355500.000	73.202	17.981	166.851
28232.418	32603.475	20.530	22170.365	35.420
1.014	14.611			
1/4/2016 12:50:00 PM	355800.000	73.204	17.981	166.855
28226.529	32596.547	20.526	22165.652	35.428
1.014	14.609			
1/4/2016 12:55:00 PM	356100.000	73.206	17.980	166.859
28216.500	32585.471	20.518	22158.123	35.440
1.014	14.607			
1/4/2016 1:00:00 PM	356400.000	73.196	17.980	166.837
28227.281	32597.803	20.526	22166.508	35.427
1.014	14.605			
1/4/2016 1:05:00 PM	356700.000	73.178	17.980	166.796
28220.045	32589.445	20.521	22160.824	35.436
1.014	14.604			
1/4/2016 1:10:00 PM	357000.000	73.197	17.981	166.839
28220.982	32590.457	20.521	22161.512	35.435
1.014	14.604			
1/4/2016 1:15:00 PM	357300.000	73.198	17.980	166.840
28237.850	32610.318	20.535	22175.018	35.413
1.014	14.603			
1/4/2016 1:20:00 PM	357600.000	73.171	17.980	166.780
28225.586	32595.898	20.525	22165.213	35.429
1.014	14.604			
1/4/2016 1:25:00 PM	357900.000	73.183	17.981	166.808
28212.490	32580.648	20.515	22154.842	35.445
1.014	14.605			
1/4/2016 1:30:00 PM	358200.000	73.166	17.981	166.768
28224.410	32594.414	20.524	22164.201	35.430
1.014	14.605			
1/4/2016 1:35:00 PM	358500.000	73.162	17.980	166.759
28215.479	32584.225	20.517	22157.273	35.442
1.014	14.603			
1/4/2016 1:40:00 PM	358800.000	73.162	17.980	166.760
28227.178	32597.682	20.526	22166.426	35.427
1.014	14.601			
1/4/2016 1:45:00 PM	359100.000	73.165	17.980	166.764
28217.877	32587.061	20.519	22159.203	35.439
1.014	14.599			
1/4/2016 1:50:00 PM	359400.000	73.162	17.981	166.760
28226.803	32596.988	20.526	22165.955	35.427
1.014	14.598			
1/4/2016 1:55:00 PM	359700.000	73.180	17.980	166.800
28202.672	32569.436	20.507	22147.219	35.458
1.014	14.597			
1/4/2016 2:00:00 PM	360000.000	73.179	17.980	166.798
28224.369	32594.492	20.524	22164.258	35.430
1.014	14.595			

1/4/2016 2:05:00 PM	360300.000	73.176	17.980	166.791
28221.604	32591.430	20.522	22162.172	35.434
1.014	14.597			
1/4/2016 2:10:00 PM	360600.000	73.155	17.981	166.743
28205.842	32572.916	20.509	22149.586	35.454
1.014	14.599			
1/4/2016 2:15:00 PM	360900.000	73.171	17.980	166.779
28221.082	32590.762	20.522	22161.721	35.435
1.014	14.601			
1/4/2016 2:20:00 PM	361200.000	73.149	17.980	166.728
28232.010	32603.447	20.530	22170.346	35.421
1.014	14.600			
1/4/2016 2:25:00 PM	361500.000	73.151	17.980	166.734
28223.762	32593.738	20.524	22163.744	35.431
1.014	14.599			
1/4/2016 2:30:00 PM	361800.000	73.170	17.981	166.777
28224.799	32594.807	20.524	22164.471	35.430
1.014	14.598			
1/4/2016 2:35:00 PM	362100.000	73.148	17.981	166.728
28217.891	32586.760	20.519	22158.996	35.439
1.014	14.598			
1/4/2016 2:40:00 PM	362400.000	73.144	17.980	166.719
28210.662	32578.664	20.513	22153.494	35.448
1.014	14.599			
1/4/2016 2:45:00 PM	362700.000	73.147	17.981	166.726
28227.896	32598.441	20.527	22166.941	35.426
1.014	14.599			
1/4/2016 2:50:00 PM	363000.000	73.145	17.980	166.719
28223.486	32593.539	20.523	22163.609	35.431
1.014	14.598			
1/4/2016 2:55:00 PM	363300.000	73.147	17.980	166.726
28209.777	32577.953	20.513	22153.010	35.449
1.014	14.597			
1/4/2016 3:00:00 PM	363600.000	73.168	17.980	166.773
28230.889	32602.152	20.529	22169.465	35.422
1.014	14.596			
1/4/2016 3:05:00 PM	363900.000	73.166	17.980	166.767
28215.283	32584.313	20.517	22157.334	35.442
1.014	14.595			
1/4/2016 3:10:00 PM	364200.000	73.150	17.981	166.732
28208.398	32575.867	20.511	22151.590	35.450
1.014	14.594			
1/4/2016 3:15:00 PM	364500.000	73.167	17.980	166.769
28225.443	32595.863	20.525	22165.188	35.429
1.014	14.592			
1/4/2016 3:20:00 PM	364800.000	73.146	17.980	166.722
28224.959	32595.174	20.525	22164.721	35.430
1.014	14.592			
1/4/2016 3:25:00 PM	365100.000	73.165	17.980	166.767
28215.164	32584.246	20.517	22157.287	35.442
1.014	14.591			
1/4/2016 3:30:00 PM	365400.000	73.170	17.981	166.776
28233.039	32604.379	20.531	22170.980	35.419
1.014	14.591			
1/4/2016 3:35:00 PM	365700.000	73.165	17.980	166.767
28221.170	32590.744	20.522	22161.709	35.434
1.014	14.593			
1/4/2016 3:40:00 PM	366000.000	73.160	17.980	166.754

28231.580	32602.885	20.530	22169.963	35.421
1.014	14.595			
1/4/2016 3:45:00 PM	366300.000	73.155	17.980	166.742
28218.352	32587.490	20.519	22159.494	35.438
1.014	14.596			
1/4/2016 3:50:00 PM	366600.000	73.140	17.981	166.708
28232.270	32603.490	20.530	22170.373	35.420
1.014	14.595			
1/4/2016 3:55:00 PM	366900.000	73.164	17.980	166.763
28211.711	32580.004	20.514	22154.404	35.446
1.014	14.593			
1/4/2016 4:00:00 PM	367200.000	73.163	17.980	166.760
28217.439	32586.621	20.519	22158.902	35.439
1.014	14.591			
1/4/2016 4:05:00 PM	367500.000	73.159	17.981	166.752
28234.590	32606.170	20.532	22172.195	35.418
1.014	14.592			
1/4/2016 4:10:00 PM	367800.000	73.160	17.980	166.754
28221.646	32591.607	20.522	22162.295	35.434
1.014	14.593			
1/4/2016 4:15:00 PM	368100.000	73.155	17.981	166.744
28222.445	32592.090	20.522	22162.623	35.433
1.014	14.594			
1/4/2016 4:20:00 PM	368400.000	73.163	17.980	166.761
28210.855	32578.887	20.513	22153.645	35.447
1.014	14.593			
1/4/2016 4:25:00 PM	368700.000	73.143	17.980	166.716
28228.576	32599.416	20.528	22167.604	35.425
1.014	14.592			
1/4/2016 4:30:00 PM	369000.000	73.150	17.980	166.732
28229.631	32600.568	20.528	22168.389	35.424
1.014	14.591			
1/4/2016 4:35:00 PM	369300.000	73.145	17.980	166.719
28217.766	32586.867	20.519	22159.070	35.439
1.014	14.592			
1/4/2016 4:40:00 PM	369600.000	73.164	17.980	166.764
28233.279	32604.729	20.531	22171.215	35.419
1.014	14.593			
1/4/2016 4:45:00 PM	369900.000	73.167	17.980	166.770
28226.768	32597.262	20.526	22166.139	35.427
1.014	14.594			
1/4/2016 4:50:00 PM	370200.000	73.169	17.980	166.776
28224.066	32594.143	20.524	22164.020	35.431
1.014	14.595			
1/4/2016 4:55:00 PM	370500.000	73.164	17.980	166.763
28236.365	32608.412	20.534	22173.721	35.415
1.014	14.597			
1/4/2016 5:00:00 PM	370800.000	73.148	17.980	166.726
28244.971	32618.230	20.541	22180.396	35.405
1.014	14.599			
1/4/2016 5:05:00 PM	371100.000	73.146	17.980	166.722
28217.256	32586.471	20.519	22158.803	35.439
1.014	14.599			
1/4/2016 5:10:00 PM	371400.000	73.144	17.980	166.717
28229.863	32601.150	20.529	22168.785	35.423
1.014	14.600			
1/4/2016 5:15:00 PM	371700.000	73.167	17.980	166.771

28213.670	32582.201	20.516	22155.896	35.444
1.014	14.601			
1/4/2016 5:20:00 PM	372000.000	73.151	17.980	166.735
28225.824	32596.238	20.525	22165.441	35.429
1.014	14.598			
1/4/2016 5:25:00 PM	372300.000	73.172	17.980	166.781
28230.916	32602.311	20.530	22169.572	35.422
1.014	14.595			
1/4/2016 5:30:00 PM	372600.000	73.179	17.981	166.799
28230.492	32601.313	20.529	22168.895	35.423
1.014	14.591			
1/4/2016 5:35:00 PM	372900.000	73.172	17.980	166.781
28223.926	32594.045	20.524	22163.951	35.431
1.014	14.596			
1/4/2016 5:40:00 PM	373200.000	73.172	17.981	166.780
28224.777	32594.650	20.524	22164.363	35.430
1.014	14.600			
1/4/2016 5:45:00 PM	373500.000	73.173	17.981	166.784
28215.314	32583.854	20.517	22157.023	35.442
1.014	14.605			
1/4/2016 5:50:00 PM	373800.000	73.150	17.980	166.732
28235.787	32607.938	20.533	22173.398	35.416
1.014	14.604			
1/4/2016 5:55:00 PM	374100.000	73.152	17.980	166.736
28231.480	32602.705	20.530	22169.842	35.421
1.014	14.603			
1/4/2016 6:00:00 PM	374400.000	73.156	17.980	166.744
28219.910	32589.344	20.521	22160.756	35.436
1.014	14.601			
1/4/2016 6:05:00 PM	374700.000	73.170	17.981	166.778
28227.615	32598.115	20.527	22166.719	35.426
1.014	14.603			
1/4/2016 6:10:00 PM	375000.000	73.171	17.980	166.780
28216.102	32584.945	20.517	22157.764	35.441
1.014	14.604			
1/4/2016 6:15:00 PM	375300.000	73.168	17.981	166.773
28226.881	32597.143	20.526	22166.057	35.427
1.014	14.606			
1/4/2016 6:20:00 PM	375600.000	73.173	17.981	166.785
28226.000	32596.250	20.525	22165.453	35.428
1.014	14.604			
1/4/2016 6:25:00 PM	375900.000	73.175	17.980	166.789
28217.797	32587.160	20.519	22159.271	35.439
1.014	14.602			
1/4/2016 6:30:00 PM	376200.000	73.160	17.980	166.753
28230.066	32601.072	20.529	22168.730	35.423
1.014	14.601			
1/4/2016 6:35:00 PM	376500.000	73.176	17.981	166.790
28214.451	32582.787	20.516	22156.295	35.443
1.014	14.600			
1/4/2016 6:40:00 PM	376800.000	73.177	17.980	166.794
28220.145	32589.680	20.521	22160.984	35.436
1.014	14.600			
1/4/2016 6:45:00 PM	377100.000	73.185	17.980	166.812
28213.074	32581.449	20.515	22155.387	35.445
1.014	14.599			
1/4/2016 6:50:00 PM	377400.000	73.164	17.980	166.762
28219.496	32588.811	20.520	22160.391	35.436

1.014	14.600			
1/4/2016 6:55:00 PM	377700.000	73.184	17.981	166.809
28214.207	32582.576	20.516	22156.152	35.443
1.014	14.601			
1/4/2016 7:00:00 PM	378000.000	73.181	17.981	166.803
28217.213	32586.104	20.518	22158.553	35.439
1.014	14.602			
1/4/2016 7:05:00 PM	378300.000	73.182	17.980	166.805
28227.289	32597.865	20.526	22166.549	35.427
1.014	14.602			
1/4/2016 7:10:00 PM	378600.000	73.185	17.981	166.811
28228.873	32599.512	20.528	22167.670	35.425
1.014	14.602			
1/4/2016 7:15:00 PM	378900.000	73.170	17.980	166.778
28236.699	32609.045	20.534	22174.152	35.415
1.014	14.602			
1/4/2016 7:20:00 PM	379200.000	73.190	17.980	166.824
28225.631	32596.262	20.525	22165.461	35.429
1.014	14.599			
1/4/2016 7:25:00 PM	379500.000	73.173	17.980	166.784
28241.447	32614.162	20.538	22177.631	35.409
1.014	14.597			
1/4/2016 7:30:00 PM	379800.000	73.198	17.980	166.841
28236.338	32608.314	20.534	22173.654	35.415
1.014	14.594			
1/4/2016 7:35:00 PM	380100.000	73.174	17.981	166.786
28208.836	32576.057	20.511	22151.721	35.450
1.014	14.598			
1/4/2016 7:40:00 PM	380400.000	73.174	17.981	166.786
28224.350	32594.289	20.524	22164.117	35.430
1.014	14.602			
1/4/2016 7:45:00 PM	380700.000	73.172	17.980	166.781
28224.693	32594.867	20.524	22164.510	35.430
1.014	14.606			
1/4/2016 7:50:00 PM	381000.000	73.193	17.981	166.830
28229.666	32600.428	20.528	22168.293	35.424
1.014	14.602			
1/4/2016 7:55:00 PM	381300.000	73.184	17.981	166.808
28243.246	32616.166	20.539	22178.994	35.407
1.014	14.598			
1/4/2016 8:00:00 PM	381600.000	73.187	17.981	166.815
28235.730	32607.488	20.533	22173.094	35.416
1.014	14.594			
1/4/2016 8:05:00 PM	381900.000	73.203	17.980	166.851
28227.736	32598.447	20.527	22166.947	35.426
1.014	14.595			
1/4/2016 8:10:00 PM	382200.000	73.183	17.981	166.807
28210.598	32578.463	20.513	22153.357	35.448
1.014	14.597			
1/4/2016 8:15:00 PM	382500.000	73.183	17.981	166.807
28232.176	32603.010	20.530	22170.047	35.421
1.014	14.598			
1/4/2016 8:20:00 PM	382800.000	73.202	17.981	166.849
28233.719	32605.107	20.531	22171.475	35.419
1.014	14.600			
1/4/2016 8:25:00 PM	383100.000	73.179	17.981	166.798
28227.465	32597.816	20.526	22166.518	35.426

1.014	14.601			
1/4/2016 8:30:00 PM	383400.000	73.184	17.981	166.808
28221.209	32590.592	20.521	22161.604	35.434
1.014	14.603			
1/4/2016 8:35:00 PM	383700.000	73.200	17.981	166.845
28223.908	32593.646	20.524	22163.682	35.431
1.014	14.602			
1/4/2016 8:40:00 PM	384000.000	73.203	17.981	166.853
28213.586	32581.727	20.515	22155.574	35.444
1.014	14.601			
1/4/2016 8:45:00 PM	384300.000	73.181	17.980	166.801
28236.656	32608.682	20.534	22173.904	35.415
1.014	14.600			
1/4/2016 8:50:00 PM	384600.000	73.182	17.981	166.805
28210.414	32578.063	20.513	22153.084	35.448
1.014	14.599			
1/4/2016 8:55:00 PM	384900.000	73.204	17.981	166.856
28213.637	32581.533	20.515	22155.445	35.444
1.014	14.598			
1/4/2016 9:00:00 PM	385200.000	73.184	17.980	166.809
28228.207	32598.871	20.527	22167.234	35.426
1.014	14.597			
1/4/2016 9:05:00 PM	385500.000	73.206	17.980	166.859
28226.838	32597.537	20.526	22166.326	35.427
1.014	14.596			
1/4/2016 9:10:00 PM	385800.000	73.203	17.980	166.852
28223.740	32593.766	20.524	22163.764	35.431
1.014	14.596			
1/4/2016 9:15:00 PM	386100.000	73.201	17.980	166.848
28231.371	32602.525	20.530	22169.719	35.422
1.014	14.595			
1/4/2016 9:20:00 PM	386400.000	73.206	17.981	166.860
28209.717	32577.320	20.512	22152.578	35.449
1.014	14.595			
1/4/2016 9:25:00 PM	386700.000	73.191	17.981	166.824
28226.449	32596.645	20.526	22165.721	35.428
1.014	14.595			
1/4/2016 9:30:00 PM	387000.000	73.211	17.981	166.870
28217.359	32586.146	20.518	22158.580	35.439
1.014	14.595			
1/4/2016 9:35:00 PM	387300.000	73.188	17.980	166.818
28210.072	32578.113	20.513	22153.117	35.448
1.014	14.595			
1/4/2016 9:40:00 PM	387600.000	73.178	17.980	166.796
28238.803	32611.107	20.536	22175.555	35.412
1.014	14.595			
1/4/2016 9:45:00 PM	387900.000	73.179	17.980	166.798
28228.877	32599.764	20.528	22167.842	35.425
1.014	14.595			
1/4/2016 9:50:00 PM	388200.000	73.208	17.980	166.864
28221.402	32591.131	20.522	22161.971	35.434
1.014	14.592			
1/4/2016 9:55:00 PM	388500.000	73.212	17.980	166.872
28234.543	32606.188	20.532	22172.209	35.418
1.014	14.589			
1/4/2016 10:00:00 PM	388800.000	73.191	17.981	166.825
28215.805	32584.352	20.517	22157.359	35.441
1.014	14.587			

1/4/2016 10:05:00 PM	389100.000	73.212	17.980	166.873
28211.252	32579.410	20.514	22154.002	35.447
1.014	14.587			
1/4/2016 10:10:00 PM	389400.000	73.211	17.980	166.870
28207.260	32574.734	20.510	22150.822	35.452
1.014	14.588			
1/4/2016 10:15:00 PM	389700.000	73.208	17.981	166.865
28234.141	32605.596	20.532	22171.807	35.418
1.014	14.589			
1/4/2016 10:20:00 PM	390000.000	73.187	17.980	166.816
28221.449	32591.066	20.522	22161.926	35.434
1.014	14.588			
1/4/2016 10:25:00 PM	390300.000	73.208	17.980	166.863
28227.900	32598.570	20.527	22167.029	35.426
1.014	14.588			
1/4/2016 10:30:00 PM	390600.000	73.191	17.981	166.825
28224.750	32594.492	20.524	22164.258	35.430
1.014	14.587			
1/4/2016 10:35:00 PM	390900.000	73.191	17.981	166.825
28233.504	32604.729	20.531	22171.215	35.419
1.014	14.588			
1/4/2016 10:40:00 PM	391200.000	73.183	17.981	166.807
28212.682	32580.744	20.515	22154.906	35.445
1.014	14.588			
1/4/2016 10:45:00 PM	391500.000	73.188	17.981	166.817
28207.883	32575.328	20.511	22151.225	35.451
1.014	14.588			
1/4/2016 10:50:00 PM	391800.000	73.209	17.981	166.867
28235.361	32607.061	20.533	22172.803	35.417
1.014	14.587			
1/4/2016 10:55:00 PM	392100.000	73.208	17.980	166.863
28225.410	32596.008	20.525	22165.287	35.429
1.014	14.585			
1/4/2016 11:00:00 PM	392400.000	73.208	17.981	166.863
28222.205	32591.742	20.522	22162.387	35.433
1.014	14.583			
1/4/2016 11:05:00 PM	392700.000	73.210	17.980	166.869
28218.930	32588.211	20.520	22159.984	35.437
1.014	14.583			
1/4/2016 11:10:00 PM	393000.000	73.206	17.981	166.860
28220.715	32590.092	20.521	22161.262	35.435
1.014	14.584			
1/4/2016 11:15:00 PM	393300.000	73.203	17.981	166.852
28234.227	32605.563	20.532	22171.783	35.418
1.014	14.584			
1/4/2016 11:20:00 PM	393600.000	73.203	17.981	166.853
28225.396	32595.553	20.525	22164.979	35.429
1.014	14.584			
1/4/2016 11:25:00 PM	393900.000	73.186	17.980	166.813
28226.203	32596.611	20.526	22165.697	35.428
1.014	14.583			
1/4/2016 11:30:00 PM	394200.000	73.184	17.981	166.808
28232.281	32603.447	20.530	22170.346	35.420
1.014	14.583			
1/4/2016 11:35:00 PM	394500.000	73.180	17.981	166.800
28225.852	32596.078	20.525	22165.334	35.429
1.014	14.583			

1/4/2016 11:40:00 PM	394800.000	73.205	17.980	166.857
28234.709	32606.379	20.532	22172.338	35.417
1.014	14.584			
1/4/2016 11:45:00 PM	395100.000	73.200	17.981	166.845
28230.033	32600.719	20.528	22168.490	35.423
1.014	14.584			
1/4/2016 11:50:00 PM	395400.000	73.205	17.981	166.856
28225.320	32595.410	20.525	22164.881	35.429
1.014	14.582			
1/4/2016 11:55:00 PM	395700.000	73.186	17.981	166.814
28223.123	32592.871	20.523	22163.152	35.432
1.014	14.580			
1/5/2016 12:00:00 AM	396000.000	73.185	17.980	166.812
28241.545	32614.393	20.538	22177.787	35.409
1.014	14.578			
1/5/2016 12:05:00 AM	396300.000	73.205	17.980	166.857
28235.936	32607.980	20.533	22173.430	35.416
1.014	14.576			
1/5/2016 12:10:00 AM	396600.000	73.191	17.981	166.824
28230.412	32601.158	20.529	22168.789	35.423
1.014	14.573			
1/5/2016 12:15:00 AM	396900.000	73.197	17.981	166.838
28221.920	32591.291	20.522	22162.078	35.433
1.014	14.570			
1/5/2016 12:20:00 AM	397200.000	73.195	17.980	166.834
28237.240	32609.422	20.534	22174.408	35.414
1.014	14.570			
1/5/2016 12:25:00 AM	397500.000	73.189	17.980	166.821
28230.340	32601.453	20.529	22168.988	35.423
1.014	14.570			
1/5/2016 12:30:00 AM	397800.000	73.192	17.981	166.828
28230.014	32600.885	20.529	22168.602	35.423
1.014	14.570			
1/5/2016 12:35:00 AM	398100.000	73.205	17.980	166.856
28230.588	32601.674	20.529	22169.141	35.423
1.014	14.572			
1/5/2016 12:40:00 AM	398400.000	73.206	17.981	166.860
28224.922	32594.816	20.524	22164.477	35.430
1.014	14.573			
1/5/2016 12:45:00 AM	398700.000	73.205	17.980	166.857
28231.203	32602.449	20.530	22169.666	35.422
1.014	14.575			
1/5/2016 12:50:00 AM	399000.000	73.211	17.981	166.870
28235.287	32606.850	20.533	22172.658	35.417
1.014	14.573			
1/5/2016 12:55:00 AM	399300.000	73.189	17.981	166.820
28221.021	32590.445	20.521	22161.504	35.435
1.014	14.570			
1/5/2016 1:00:00 AM	399600.000	73.192	17.981	166.828
28229.740	32600.514	20.528	22168.350	35.424
1.014	14.568			
1/5/2016 1:05:00 AM	399900.000	73.213	17.981	166.875
28232.863	32603.930	20.531	22170.674	35.420
1.014	14.568			
1/5/2016 1:10:00 AM	400200.000	73.187	17.981	166.815
28225.369	32595.275	20.525	22164.787	35.429
1.014	14.569			
1/5/2016 1:15:00 AM	400500.000	73.211	17.980	166.871

28223.941	32593.945	20.524	22163.883	35.431
1.014	14.569			
1/5/2016 1:20:00 AM	400800.000	73.191	17.981	166.825
28233.434	32604.588	20.531	22171.119	35.419
1.014	14.568			
1/5/2016 1:25:00 AM	401100.000	73.228	17.981	166.908
28213.941	32582.270	20.516	22155.945	35.443
1.014	14.567			
1/5/2016 1:30:00 AM	401400.000	73.193	17.981	166.829
28234.551	32606.068	20.532	22172.129	35.418
1.014	14.565			
1/5/2016 1:35:00 AM	401700.000	73.189	17.981	166.820
28217.779	32586.443	20.519	22158.783	35.439
1.014	14.566			
1/5/2016 1:40:00 AM	402000.000	73.207	17.981	166.862
28224.902	32594.795	20.524	22164.461	35.430
1.014	14.567			
1/5/2016 1:45:00 AM	402300.000	73.190	17.980	166.822
28240.359	32612.904	20.537	22176.777	35.410
1.014	14.568			
1/5/2016 1:50:00 AM	402600.000	73.208	17.980	166.864
28226.346	32596.721	20.526	22165.771	35.428
1.014	14.568			
1/5/2016 1:55:00 AM	402900.000	73.208	17.980	166.865
28240.510	32613.078	20.537	22176.893	35.410
1.014	14.568			
1/5/2016 2:00:00 AM	403200.000	73.210	17.981	166.868
28230.604	32601.252	20.529	22168.852	35.423
1.014	14.568			
1/5/2016 2:05:00 AM	403500.000	73.209	17.981	166.867
28234.629	32606.027	20.532	22172.100	35.417
1.014	14.566			
1/5/2016 2:10:00 AM	403800.000	73.219	17.980	166.890
28224.857	32595.057	20.524	22164.641	35.430
1.014	14.564			
1/5/2016 2:15:00 AM	404100.000	73.202	17.981	166.851
28227.139	32597.318	20.526	22166.178	35.427
1.014	14.562			
1/5/2016 2:20:00 AM	404400.000	73.204	17.981	166.854
28224.285	32594.215	20.524	22164.068	35.430
1.014	14.561			
1/5/2016 2:25:00 AM	404700.000	73.206	17.981	166.858
28228.361	32598.730	20.527	22167.137	35.425
1.014	14.560			
1/5/2016 2:30:00 AM	405000.000	73.208	17.980	166.865
28212.352	32580.615	20.514	22154.820	35.445
1.014	14.559			
1/5/2016 2:35:00 AM	405300.000	73.198	17.981	166.842
28226.623	32596.914	20.526	22165.902	35.428
1.014	14.560			
1/5/2016 2:40:00 AM	405600.000	73.223	17.981	166.898
28229.191	32599.811	20.528	22167.871	35.424
1.014	14.561			
1/5/2016 2:45:00 AM	405900.000	73.218	17.981	166.888
28222.613	32592.283	20.523	22162.752	35.433
1.014	14.562			
1/5/2016 2:50:00 AM	406200.000	73.222	17.980	166.895

28232.092	32603.541	20.530	22170.410	35.421
1.014	14.561			
1/5/2016 2:55:00 AM	406500.000	73.225	17.981	166.901
28230.863	32601.428	20.529	22168.973	35.422
1.014	14.560			
1/5/2016 3:00:00 AM	406800.000	73.205	17.980	166.856
28243.688	32616.803	20.540	22179.426	35.406
1.014	14.559			
1/5/2016 3:05:00 AM	407100.000	73.228	17.981	166.908
28231.008	32601.908	20.529	22169.299	35.422
1.014	14.557			
1/5/2016 3:10:00 AM	407400.000	73.228	17.980	166.910
28225.293	32595.689	20.525	22165.070	35.429
1.014	14.554			
1/5/2016 3:15:00 AM	407700.000	73.217	17.981	166.884
28240.365	32612.715	20.537	22176.646	35.410
1.014	14.552			
1/5/2016 3:20:00 AM	408000.000	73.232	17.980	166.918
28228.328	32599.195	20.527	22167.453	35.425
1.014	14.552			
1/5/2016 3:25:00 AM	408300.000	73.214	17.980	166.878
28240.551	32613.180	20.537	22176.963	35.410
1.014	14.552			
1/5/2016 3:30:00 AM	408600.000	73.241	17.980	166.938
28224.232	32594.281	20.524	22164.111	35.431
1.014	14.552			
1/5/2016 3:35:00 AM	408900.000	73.243	17.980	166.943
28228.473	32599.178	20.527	22167.441	35.425
1.014	14.549			
1/5/2016 3:40:00 AM	409200.000	73.245	17.981	166.948
28242.895	32615.514	20.539	22178.551	35.407
1.014	14.546			
1/5/2016 3:45:00 AM	409500.000	73.245	17.981	166.947
28232.232	32603.260	20.530	22170.217	35.421
1.014	14.543			
1/5/2016 3:50:00 AM	409800.000	73.250	17.981	166.959
28227.188	32597.566	20.526	22166.348	35.427
1.014	14.542			
1/5/2016 3:55:00 AM	410100.000	73.233	17.980	166.920
28232.873	32604.260	20.531	22170.898	35.420
1.014	14.541			
1/5/2016 4:00:00 AM	410400.000	73.256	17.981	166.973
28216.246	32584.486	20.517	22157.451	35.441
1.014	14.540			
1/5/2016 4:05:00 AM	410700.000	73.253	17.981	166.966
28228.125	32598.457	20.527	22166.951	35.426
1.014	14.541			
1/5/2016 4:10:00 AM	411000.000	73.254	17.981	166.969
28229.473	32600.014	20.528	22168.010	35.424
1.014	14.543			
1/5/2016 4:15:00 AM	411300.000	73.236	17.981	166.929
28231.852	32603.008	20.530	22170.045	35.421
1.014	14.545			
1/5/2016 4:20:00 AM	411600.000	73.260	17.981	166.982
28227.920	32598.027	20.527	22166.658	35.426
1.014	14.543			
1/5/2016 4:25:00 AM	411900.000	73.244	17.981	166.945
28224.982	32594.635	20.524	22164.352	35.430

1.014	14.541			
1/5/2016 4:30:00 AM	412200.000	73.245	17.980	166.948
28235.127	32606.863	20.533	22172.668	35.417
1.014	14.539			
1/5/2016 4:35:00 AM	412500.000	73.267	17.981	166.998
28235.703	32607.400	20.533	22173.035	35.416
1.014	14.542			
1/5/2016 4:40:00 AM	412800.000	73.267	17.981	166.998
28245.463	32618.727	20.541	22180.734	35.404
1.014	14.546			
1/5/2016 4:45:00 AM	413100.000	73.246	17.981	166.951
28225.330	32595.477	20.525	22164.924	35.429
1.014	14.550			
1/5/2016 4:50:00 AM	413400.000	73.275	17.980	167.015
28241.111	32613.828	20.537	22177.404	35.409
1.014	14.546			
1/5/2016 4:55:00 AM	413700.000	73.259	17.981	166.981
28234.777	32606.262	20.532	22172.258	35.417
1.014	14.543			
1/5/2016 5:00:00 AM	414000.000	73.279	17.981	167.026
28227.785	32597.939	20.527	22166.602	35.426
1.014	14.540			
1/5/2016 5:05:00 AM	414300.000	73.267	17.981	166.999
28231.906	32602.945	20.530	22170.006	35.421
1.014	14.541			
1/5/2016 5:10:00 AM	414600.000	73.288	17.981	167.046
28227.455	32597.742	20.526	22166.465	35.427
1.014	14.542			
1/5/2016 5:15:00 AM	414900.000	73.283	17.981	167.034
28218.350	32587.289	20.519	22159.359	35.438
1.014	14.543			
1/5/2016 5:20:00 AM	415200.000	73.302	17.980	167.078
28226.369	32596.748	20.526	22165.791	35.428
1.014	14.543			
1/5/2016 5:25:00 AM	415500.000	73.282	17.981	167.033
28225.344	32595.121	20.525	22164.682	35.429
1.014	14.543			
1/5/2016 5:30:00 AM	415800.000	73.285	17.981	167.040
28243.529	32616.305	20.539	22179.088	35.406
1.014	14.543			
1/5/2016 5:35:00 AM	416100.000	73.291	17.981	167.054
28229.021	32599.426	20.528	22167.609	35.425
1.014	14.542			
1/5/2016 5:40:00 AM	416400.000	73.312	17.981	167.100
28226.797	32597.045	20.526	22165.990	35.427
1.014	14.542			
1/5/2016 5:45:00 AM	416700.000	73.313	17.980	167.103
28238.369	32610.607	20.535	22175.215	35.413
1.014	14.541			
1/5/2016 5:50:00 AM	417000.000	73.314	17.981	167.106
28243.238	32615.785	20.539	22178.736	35.407
1.014	14.541			
1/5/2016 5:55:00 AM	417300.000	73.316	17.981	167.109
28230.406	32601.150	20.529	22168.785	35.423
1.014	14.540			
1/5/2016 6:00:00 AM	417600.000	73.302	17.981	167.079
28241.383	32613.768	20.537	22177.363	35.409

1.014	14.540			
1/5/2016 6:05:00 AM	417900.000	73.330	17.981	167.143
28237.281	32609.223	20.534	22174.273	35.414
1.014	14.538			
1/5/2016 6:10:00 AM	418200.000	73.309	17.980	167.094
28225.561	32595.814	20.525	22165.156	35.429
1.014	14.536			
1/5/2016 6:15:00 AM	418500.000	73.335	17.981	167.154
28234.488	32605.492	20.532	22171.736	35.418
1.014	14.535			
1/5/2016 6:20:00 AM	418800.000	73.314	17.981	167.105
28234.182	32605.451	20.532	22171.707	35.418
1.014	14.537			
1/5/2016 6:25:00 AM	419100.000	73.332	17.980	167.146
28238.887	32611.205	20.536	22175.621	35.412
1.014	14.539			
1/5/2016 6:30:00 AM	419400.000	73.335	17.981	167.153
28240.492	32612.930	20.537	22176.795	35.410
1.014	14.541			
1/5/2016 6:35:00 AM	419700.000	73.333	17.981	167.149
28231.430	32602.207	20.529	22169.502	35.422
1.014	14.543			
1/5/2016 6:40:00 AM	420000.000	73.340	17.981	167.164
28226.703	32596.816	20.526	22165.836	35.427
1.014	14.544			
1/5/2016 6:45:00 AM	420300.000	73.320	17.981	167.119
28219.469	32588.520	20.520	22160.195	35.437
1.014	14.545			
1/5/2016 6:50:00 AM	420600.000	73.342	17.981	167.168
28234.002	32605.492	20.532	22171.736	35.418
1.014	14.545			
1/5/2016 6:55:00 AM	420900.000	73.349	17.981	167.185
28228.770	32599.322	20.527	22167.539	35.425
1.014	14.544			
1/5/2016 7:00:00 AM	421200.000	73.353	17.981	167.194
28227.668	32597.988	20.527	22166.633	35.426
1.014	14.543			
1/5/2016 7:05:00 AM	421500.000	73.352	17.981	167.192
28234.527	32605.783	20.532	22171.934	35.418
1.014	14.547			
1/5/2016 7:10:00 AM	421800.000	73.351	17.981	167.189
28218.189	32586.791	20.519	22159.020	35.438
1.014	14.552			
1/5/2016 7:15:00 AM	422100.000	73.348	17.981	167.183
28230.762	32601.502	20.529	22169.021	35.422
1.014	14.556			
1/5/2016 7:20:00 AM	422400.000	73.357	17.981	167.204
28228.029	32598.348	20.527	22166.877	35.426
1.014	14.554			
1/5/2016 7:25:00 AM	422700.000	73.334	17.981	167.150
28228.959	32598.980	20.527	22167.307	35.425
1.014	14.552			
1/5/2016 7:30:00 AM	423000.000	73.357	17.981	167.203
28239.832	32611.598	20.536	22175.889	35.411
1.014	14.550			
1/5/2016 7:35:00 AM	423300.000	73.361	17.981	167.213
28227.336	32597.479	20.526	22166.287	35.427
1.014	14.551			

1/5/2016 7:40:00 AM	423600.000	73.361	17.981	167.213
28199.490	32565.197	20.504	22144.334	35.462
1.014	14.552			
1/5/2016 7:45:00 AM	423900.000	73.346	17.981	167.179
28227.422	32597.520	20.526	22166.314	35.427
1.014	14.553			
1/5/2016 7:50:00 AM	424200.000	73.360	17.981	167.211
28218.641	32587.313	20.519	22159.375	35.438
1.014	14.553			
1/5/2016 7:55:00 AM	424500.000	73.359	17.981	167.207
28222.158	32591.566	20.522	22162.266	35.433
1.014	14.553			
1/5/2016 8:00:00 AM	424800.000	73.350	17.981	167.186
28232.773	32603.758	20.531	22170.555	35.420
1.014	14.553			
1/5/2016 8:05:00 AM	425100.000	73.366	17.981	167.224
28226.650	32596.754	20.526	22165.795	35.428
1.014	14.554			
1/5/2016 8:10:00 AM	425400.000	73.365	17.982	167.221
28231.592	32601.957	20.529	22169.330	35.421
1.014	14.555			
1/5/2016 8:15:00 AM	425700.000	73.348	17.981	167.182
28228.695	32599.117	20.527	22167.402	35.425
1.014	14.555			
1/5/2016 8:20:00 AM	426000.000	73.345	17.981	167.176
28224.553	32594.078	20.524	22163.973	35.430
1.014	14.558			
1/5/2016 8:25:00 AM	426300.000	73.363	17.981	167.217
28235.119	32606.221	20.532	22172.232	35.417
1.014	14.560			
1/5/2016 8:30:00 AM	426600.000	73.341	17.981	167.166
28219.428	32588.346	20.520	22160.078	35.437
1.014	14.563			
1/5/2016 8:35:00 AM	426900.000	73.346	17.982	167.178
28234.160	32604.922	20.531	22171.348	35.418
1.014	14.561			
1/5/2016 8:40:00 AM	427200.000	73.366	17.981	167.224
28238.305	32610.404	20.535	22175.076	35.413
1.014	14.560			
1/5/2016 8:45:00 AM	427500.000	73.364	17.981	167.219
28232.029	32602.588	20.530	22169.762	35.421
1.014	14.559			
1/5/2016 8:50:00 AM	427800.000	73.370	17.981	167.232
28225.170	32594.979	20.524	22164.588	35.429
1.014	14.559			
1/5/2016 8:55:00 AM	428100.000	73.348	17.981	167.182
28235.104	32606.203	20.532	22172.221	35.417
1.014	14.560			
1/5/2016 9:00:00 AM	428400.000	73.367	17.981	167.227
28224.293	32593.906	20.524	22163.859	35.430
1.014	14.560			
1/5/2016 9:05:00 AM	428700.000	73.371	17.981	167.235
28241.850	32614.113	20.538	22177.600	35.408
1.014	14.562			
1/5/2016 9:10:00 AM	429000.000	73.368	17.981	167.228
28236.861	32608.422	20.534	22173.727	35.415
1.014	14.565			

1/5/2016 9:15:00 AM	429300.000	73.366	17.981	167.223
28229.096	32599.199	20.527	22167.455	35.424
1.014	14.567			
1/5/2016 9:20:00 AM	429600.000	73.347	17.981	167.179
28224.223	32593.758	20.524	22163.758	35.431
1.014	14.567			
1/5/2016 9:25:00 AM	429900.000	73.353	17.981	167.193
28239.449	32611.096	20.536	22175.547	35.411
1.014	14.567			
1/5/2016 9:30:00 AM	430200.000	73.368	17.981	167.228
28232.314	32602.982	20.530	22170.029	35.420
1.014	14.566			
1/5/2016 9:35:00 AM	430500.000	73.367	17.982	167.225
28240.699	32612.473	20.537	22176.482	35.410
1.014	14.566			
1/5/2016 9:40:00 AM	430800.000	73.345	17.981	167.175
28212.004	32579.527	20.514	22154.080	35.446
1.014	14.567			
1/5/2016 9:45:00 AM	431100.000	73.364	17.982	167.220
28231.367	32601.697	20.529	22169.154	35.422
1.014	14.567			
1/5/2016 9:50:00 AM	431400.000	73.359	17.981	167.207
28230.117	32600.633	20.528	22168.430	35.423
1.014	14.571			
1/5/2016 9:55:00 AM	431700.000	73.340	17.981	167.164
28204.219	32570.658	20.508	22148.049	35.456
1.014	14.576			
1/5/2016 10:00:00 AM	432000.000	73.354	17.982	167.196
28230.459	32600.648	20.528	22168.441	35.423
1.014	14.580			
1/5/2016 10:05:00 AM	432300.000	73.359	17.981	167.209
28235.982	32607.152	20.533	22172.865	35.416
1.014	14.580			
1/5/2016 10:10:00 AM	432600.000	73.356	17.981	167.201
28235.049	32606.328	20.532	22172.305	35.417
1.014	14.579			
1/5/2016 10:15:00 AM	432900.000	73.336	17.981	167.155
28220.031	32588.672	20.520	22160.297	35.436
1.014	14.579			
1/5/2016 10:20:00 AM	433200.000	73.336	17.981	167.156
28230.262	32600.672	20.528	22168.459	35.423
1.014	14.583			
1/5/2016 10:25:00 AM	433500.000	73.345	17.981	167.175
28225.643	32595.338	20.525	22164.832	35.429
1.014	14.587			
1/5/2016 10:30:00 AM	433800.000	73.326	17.982	167.134
28231.043	32601.322	20.529	22168.900	35.422
1.014	14.591			
1/5/2016 10:35:00 AM	434100.000	73.324	17.981	167.127
28203.703	32570.002	20.507	22147.602	35.456
1.014	14.591			
1/5/2016 10:40:00 AM	434400.000	73.339	17.981	167.163
28222.797	32592.111	20.522	22162.639	35.432
1.014	14.590			
1/5/2016 10:45:00 AM	434700.000	73.320	17.981	167.118
28221.148	32590.275	20.521	22161.389	35.434
1.014	14.590			
1/5/2016 10:50:00 AM	435000.000	73.334	17.981	167.150

28216.107	32584.266	20.517	22157.301	35.441
1.014	14.589			
1/5/2016 10:55:00 AM	435300.000	73.315	17.981	167.107
28222.537	32591.752	20.522	22162.393	35.433
1.014	14.588			
1/5/2016 11:00:00 AM	435600.000	73.335	17.981	167.153
28225.002	32594.598	20.524	22164.328	35.430
1.014	14.588			
1/5/2016 11:05:00 AM	435900.000	73.315	17.981	167.107
28228.316	32598.238	20.527	22166.803	35.425
1.014	14.589			
1/5/2016 11:10:00 AM	436200.000	73.309	17.981	167.093
28232.777	32603.576	20.530	22170.434	35.420
1.014	14.589			
1/5/2016 11:15:00 AM	436500.000	73.327	17.982	167.135
28219.340	32587.680	20.519	22159.625	35.437
1.014	14.590			
1/5/2016 11:20:00 AM	436800.000	73.302	17.981	167.079
28213.182	32581.201	20.515	22155.219	35.444
1.014	14.590			
1/5/2016 11:25:00 AM	437100.000	73.324	17.981	167.129
28225.643	32595.338	20.525	22164.832	35.429
1.014	14.590			
1/5/2016 11:30:00 AM	437400.000	73.318	17.981	167.114
28233.346	32604.293	20.531	22170.922	35.419
1.014	14.590			
1/5/2016 11:35:00 AM	437700.000	73.313	17.981	167.103
28253.918	32627.865	20.547	22186.951	35.393
1.014	14.593			
1/5/2016 11:40:00 AM	438000.000	73.313	17.981	167.104
28237.303	32608.617	20.534	22173.861	35.414
1.014	14.595			
1/5/2016 11:45:00 AM	438300.000	73.308	17.981	167.091
28217.230	32585.750	20.518	22158.313	35.439
1.014	14.597			
1/5/2016 11:50:00 AM	438600.000	73.309	17.981	167.094
28216.246	32584.486	20.517	22157.451	35.441
1.014	14.595			
1/5/2016 11:55:00 AM	438900.000	73.304	17.981	167.082
28232.314	32603.043	20.530	22170.070	35.420
1.014	14.592			
1/5/2016 12:00:00 PM	439200.000	73.305	17.981	167.084
28235.496	32607.160	20.533	22172.871	35.416
1.014	14.589			
1/5/2016 12:05:00 PM	439500.000	73.303	17.981	167.079
28229.896	32600.377	20.528	22168.256	35.423
1.014	14.590			
1/5/2016 12:10:00 PM	439800.000	73.280	17.981	167.027
28231.223	32601.781	20.529	22169.213	35.422
1.014	14.592			
1/5/2016 12:15:00 PM	440100.000	73.295	17.981	167.061
28225.068	32594.734	20.524	22164.422	35.429
1.014	14.593			
1/5/2016 12:20:00 PM	440400.000	73.277	17.981	167.022
28229.631	32599.758	20.528	22167.838	35.424
1.014	14.594			
1/5/2016 12:25:00 PM	440700.000	73.269	17.981	167.002

28228.227	32598.508	20.527	22166.986	35.426
1.014	14.594			
1/5/2016 12:30:00 PM	441000.000	73.290	17.982	167.049
28213.373	32580.852	20.515	22154.980	35.444
1.014	14.594			
1/5/2016 12:35:00 PM	441300.000	73.284	17.981	167.037
28231.072	32601.482	20.529	22169.008	35.422
1.014	14.594			
1/5/2016 12:40:00 PM	441600.000	73.263	17.981	166.989
28235.119	32606.342	20.532	22172.314	35.417
1.014	14.594			
1/5/2016 12:45:00 PM	441900.000	73.263	17.981	166.989
28233.645	32604.891	20.531	22171.328	35.419
1.014	14.594			
1/5/2016 12:50:00 PM	442200.000	73.282	17.981	167.033
28234.488	32605.367	20.532	22171.652	35.418
1.014	14.594			
1/5/2016 12:55:00 PM	442500.000	73.276	17.981	167.018
28231.613	32602.293	20.530	22169.559	35.421
1.014	14.594			
1/5/2016 1:00:00 PM	442800.000	73.256	17.981	166.972
28246.934	32620.111	20.542	22181.678	35.402
1.014	14.594			
1/5/2016 1:05:00 PM	443100.000	73.268	17.981	167.000
28239.586	32611.693	20.536	22175.953	35.411
1.014	14.598			
1/5/2016 1:10:00 PM	443400.000	73.263	17.981	166.989
28220.924	32590.074	20.521	22161.252	35.435
1.014	14.602			
1/5/2016 1:15:00 PM	443700.000	73.255	17.982	166.970
28220.170	32588.574	20.520	22160.230	35.436
1.014	14.607			
1/5/2016 1:20:00 PM	444000.000	73.232	17.981	166.919
28248.945	32622.434	20.543	22183.256	35.400
1.014	14.606			
1/5/2016 1:25:00 PM	444300.000	73.231	17.981	166.915
28230.041	32600.545	20.528	22168.371	35.423
1.014	14.605			
1/5/2016 1:30:00 PM	444600.000	73.230	17.981	166.914
28220.678	32589.732	20.521	22161.018	35.435
1.014	14.604			
1/5/2016 1:35:00 PM	444900.000	73.225	17.981	166.901
28238.219	32610.172	20.535	22174.920	35.413
1.014	14.605			
1/5/2016 1:40:00 PM	445200.000	73.249	17.981	166.958
28222.643	32591.748	20.522	22162.391	35.433
1.014	14.605			
1/5/2016 1:45:00 PM	445500.000	73.242	17.981	166.941
28224.955	32594.672	20.524	22164.377	35.430
1.014	14.606			
1/5/2016 1:50:00 PM	445800.000	73.241	17.981	166.938
28233.563	32604.297	20.531	22170.924	35.419
1.014	14.606			
1/5/2016 1:55:00 PM	446100.000	73.241	17.981	166.938
28235.344	32606.852	20.533	22172.660	35.417
1.014	14.607			
1/5/2016 2:00:00 PM	446400.000	73.234	17.981	166.923
28231.404	32602.119	20.529	22169.443	35.422

1.014	14.608			
1/5/2016 2:05:00 PM	446700.000	73.235	17.981	166.925
28237.637	32609.500	20.535	22174.461	35.414
1.014	14.608			
1/5/2016 2:10:00 PM	447000.000	73.231	17.981	166.916
28234.736	32606.213	20.532	22172.227	35.417
1.014	14.608			
1/5/2016 2:15:00 PM	447300.000	73.232	17.981	166.918
28249.020	32622.273	20.543	22183.146	35.399
1.014	14.609			
1/5/2016 2:20:00 PM	447600.000	73.226	17.981	166.904
28236.959	32608.533	20.534	22173.803	35.415
1.014	14.609			
1/5/2016 2:25:00 PM	447900.000	73.206	17.981	166.859
28249.699	32623.494	20.544	22183.977	35.399
1.014	14.608			
1/5/2016 2:30:00 PM	448200.000	73.227	17.981	166.907
28232.623	32603.844	20.531	22170.613	35.420
1.014	14.608			
1/5/2016 2:35:00 PM	448500.000	73.206	17.981	166.858
28235.447	32606.973	20.533	22172.742	35.416
1.014	14.610			
1/5/2016 2:40:00 PM	448800.000	73.219	17.981	166.889
28228.881	32599.205	20.527	22167.459	35.425
1.014	14.611			
1/5/2016 2:45:00 PM	449100.000	73.215	17.981	166.880
28217.410	32586.018	20.518	22158.492	35.439
1.014	14.612			
1/5/2016 2:50:00 PM	449400.000	73.221	17.981	166.894
28234.188	32605.650	20.532	22171.842	35.418
1.014	14.611			
1/5/2016 2:55:00 PM	449700.000	73.216	17.981	166.882
28226.830	32596.770	20.526	22165.805	35.427
1.014	14.609			
1/5/2016 3:00:00 PM	450000.000	73.201	17.981	166.848
28231.441	32602.346	20.530	22169.598	35.422
1.014	14.608			
1/5/2016 3:05:00 PM	450300.000	73.213	17.981	166.876
28231.318	32602.203	20.529	22169.498	35.422
1.014	14.610			
1/5/2016 3:10:00 PM	450600.000	73.211	17.981	166.869
28243.246	32615.666	20.539	22178.654	35.407
1.014	14.612			
1/5/2016 3:15:00 PM	450900.000	73.190	17.980	166.823
28232.982	32604.387	20.531	22170.984	35.420
1.014	14.614			
1/5/2016 3:20:00 PM	451200.000	73.212	17.981	166.873
28232.545	32603.684	20.530	22170.508	35.420
1.014	14.614			
1/5/2016 3:25:00 PM	451500.000	73.208	17.981	166.863
28230.871	32601.688	20.529	22169.148	35.422
1.014	14.615			
1/5/2016 3:30:00 PM	451800.000	73.206	17.981	166.859
28226.652	32596.689	20.526	22165.750	35.428
1.014	14.615			
1/5/2016 3:35:00 PM	452100.000	73.209	17.981	166.865
28247.549	32621.080	20.543	22182.334	35.401

1.014	14.616			
1/5/2016 3:40:00 PM	452400.000	73.190	17.981	166.823
28239.156	32611.197	20.536	22175.617	35.412
1.014	14.617			
1/5/2016 3:45:00 PM	452700.000	73.206	17.981	166.859
28240.301	32612.326	20.536	22176.385	35.410
1.014	14.617			
1/5/2016 3:50:00 PM	453000.000	73.176	17.981	166.790
28230.736	32601.348	20.529	22168.916	35.422
1.014	14.619			
1/5/2016 3:55:00 PM	453300.000	73.180	17.981	166.800
28226.305	32596.230	20.525	22165.438	35.428
1.014	14.620			
1/5/2016 4:00:00 PM	453600.000	73.177	17.981	166.794
28227.006	32597.039	20.526	22165.986	35.427
1.014	14.622			
1/5/2016 4:05:00 PM	453900.000	73.196	17.981	166.835
28235.088	32606.373	20.532	22172.334	35.417
1.014	14.622			
1/5/2016 4:10:00 PM	454200.000	73.179	17.981	166.797
28218.111	32587.084	20.519	22159.219	35.438
1.014	14.622			
1/5/2016 4:15:00 PM	454500.000	73.199	17.981	166.842
28234.021	32605.326	20.532	22171.621	35.418
1.014	14.621			
1/5/2016 4:20:00 PM	454800.000	73.198	17.981	166.840
28231.145	32601.752	20.529	22169.193	35.422
1.014	14.623			
1/5/2016 4:25:00 PM	455100.000	73.179	17.980	166.797
28237.625	32609.748	20.535	22174.629	35.414
1.014	14.624			
1/5/2016 4:30:00 PM	455400.000	73.176	17.981	166.791
28241.043	32613.250	20.537	22177.012	35.409
1.014	14.625			
1/5/2016 4:35:00 PM	455700.000	73.177	17.981	166.793
28214.357	32582.492	20.516	22156.098	35.443
1.014	14.625			
1/5/2016 4:40:00 PM	456000.000	73.196	17.981	166.836
28236.773	32608.566	20.534	22173.828	35.415
1.014	14.626			
1/5/2016 4:45:00 PM	456300.000	73.198	17.981	166.841
28233.309	32604.564	20.531	22171.104	35.419
1.014	14.626			
1/5/2016 4:50:00 PM	456600.000	73.198	17.981	166.841
28250.695	32624.645	20.545	22184.760	35.397
1.014	14.629			
1/5/2016 4:55:00 PM	456900.000	73.197	17.981	166.839
28256.119	32630.660	20.549	22188.850	35.391
1.014	14.631			
1/5/2016 5:00:00 PM	457200.000	73.189	17.981	166.821
28240.613	32612.754	20.537	22176.676	35.410
1.014	14.633			
1/5/2016 5:05:00 PM	457500.000	73.177	17.981	166.793
28231.545	32602.406	20.530	22169.637	35.421
1.014	14.631			
1/5/2016 5:10:00 PM	457800.000	73.182	17.981	166.805
28237.469	32609.248	20.534	22174.289	35.414
1.014	14.629			

1/5/2016 5:15:00 PM	458100.000	73.185	17.981	166.811
28239.230	32611.156	20.536	22175.586	35.412
1.014	14.628			
1/5/2016 5:20:00 PM	458400.000	73.202	17.981	166.849
28234.162	32605.305	20.532	22171.607	35.418
1.014	14.632			
1/5/2016 5:25:00 PM	458700.000	73.177	17.981	166.792
28222.549	32591.951	20.522	22162.529	35.433
1.014	14.636			
1/5/2016 5:30:00 PM	459000.000	73.175	17.981	166.789
28242.150	32614.654	20.538	22177.965	35.408
1.014	14.640			
1/5/2016 5:35:00 PM	459300.000	73.176	17.981	166.790
28225.025	32594.752	20.524	22164.432	35.430
1.014	14.639			
1/5/2016 5:40:00 PM	459600.000	73.198	17.981	166.840
28223.980	32593.730	20.524	22163.738	35.431
1.014	14.637			
1/5/2016 5:45:00 PM	459900.000	73.201	17.981	166.847
28241.688	32614.119	20.538	22177.604	35.409
1.014	14.636			
1/5/2016 5:50:00 PM	460200.000	73.180	17.980	166.801
28234.084	32605.658	20.532	22171.848	35.418
1.014	14.637			
1/5/2016 5:55:00 PM	460500.000	73.184	17.981	166.808
28212.652	32580.779	20.515	22154.930	35.445
1.014	14.638			
1/5/2016 6:00:00 PM	460800.000	73.205	17.981	166.856
28231.029	32602.002	20.529	22169.363	35.422
1.014	14.639			
1/5/2016 6:05:00 PM	461100.000	73.203	17.981	166.852
28233.635	32604.754	20.531	22171.234	35.419
1.014	14.640			
1/5/2016 6:10:00 PM	461400.000	73.208	17.981	166.863
28232.146	32603.223	20.530	22170.193	35.421
1.014	14.641			
1/5/2016 6:15:00 PM	461700.000	73.184	17.980	166.809
28254.766	32629.660	20.548	22188.172	35.392
1.014	14.642			
1/5/2016 6:20:00 PM	462000.000	73.209	17.981	166.866
28225.592	32595.654	20.525	22165.047	35.429
1.014	14.644			
1/5/2016 6:25:00 PM	462300.000	73.185	17.980	166.810
28224.904	32595.176	20.525	22164.723	35.430
1.014	14.645			
1/5/2016 6:30:00 PM	462600.000	73.182	17.981	166.805
28232.371	32603.236	20.530	22170.203	35.420
1.014	14.647			
1/5/2016 6:35:00 PM	462900.000	73.212	17.981	166.872
28245.635	32618.678	20.541	22180.703	35.404
1.014	14.646			
1/5/2016 6:40:00 PM	463200.000	73.212	17.981	166.873
28239.740	32611.930	20.536	22176.115	35.411
1.014	14.644			
1/5/2016 6:45:00 PM	463500.000	73.211	17.981	166.871
28236.074	32607.570	20.533	22173.148	35.416
1.014	14.643			

1/5/2016 6:50:00 PM	463800.000	73.217	17.981	166.883
28230.586	32601.174	20.529	22168.801	35.423
1.014	14.644			
1/5/2016 6:55:00 PM	464100.000	73.202	17.981	166.850
28243.162	32615.881	20.539	22178.801	35.407
1.014	14.644			
1/5/2016 7:00:00 PM	464400.000	73.218	17.981	166.886
28221.830	32591.246	20.522	22162.049	35.434
1.014	14.645			
1/5/2016 7:05:00 PM	464700.000	73.221	17.981	166.893
28230.939	32601.707	20.529	22169.160	35.422
1.014	14.645			
1/5/2016 7:10:00 PM	465000.000	73.202	17.981	166.850
28255.781	32630.270	20.549	22188.586	35.391
1.014	14.645			
1/5/2016 7:15:00 PM	465300.000	73.199	17.981	166.842
28242.027	32614.197	20.538	22177.656	35.408
1.014	14.645			
1/5/2016 7:20:00 PM	465600.000	73.223	17.981	166.897
28232.500	32603.443	20.530	22170.344	35.420
1.014	14.646			
1/5/2016 7:25:00 PM	465900.000	73.217	17.981	166.885
28235.037	32606.498	20.532	22172.418	35.417
1.014	14.648			
1/5/2016 7:30:00 PM	466200.000	73.226	17.981	166.904
28237.588	32609.633	20.535	22174.551	35.414
1.014	14.649			
1/5/2016 7:35:00 PM	466500.000	73.229	17.981	166.911
28238.133	32610.137	20.535	22174.895	35.413
1.014	14.649			
1/5/2016 7:40:00 PM	466800.000	73.225	17.981	166.903
28239.666	32611.844	20.536	22176.057	35.411
1.014	14.650			
1/5/2016 7:45:00 PM	467100.000	73.221	17.981	166.893
28224.896	32594.604	20.524	22164.332	35.430
1.014	14.650			
1/5/2016 7:50:00 PM	467400.000	73.230	17.981	166.913
28236.066	32607.629	20.533	22173.189	35.416
1.014	14.650			
1/5/2016 7:55:00 PM	467700.000	73.214	17.981	166.878
28216.154	32584.691	20.517	22157.592	35.441
1.014	14.650			
1/5/2016 8:00:00 PM	468000.000	73.213	17.981	166.876
28240.768	32613.059	20.537	22176.881	35.410
1.014	14.650			
1/5/2016 8:05:00 PM	468300.000	73.234	17.981	166.924
28218.602	32587.020	20.519	22159.174	35.438
1.014	14.651			
1/5/2016 8:10:00 PM	468600.000	73.236	17.981	166.927
28252.734	32627.125	20.547	22186.447	35.395
1.014	14.653			
1/5/2016 8:15:00 PM	468900.000	73.218	17.981	166.886
28240.111	32612.357	20.536	22176.402	35.411
1.014	14.654			
1/5/2016 8:20:00 PM	469200.000	73.242	17.981	166.941
28237.695	32609.441	20.534	22174.422	35.414
1.014	14.654			
1/5/2016 8:25:00 PM	469500.000	73.223	17.981	166.898

28235.484	32606.764	20.533	22172.600	35.416
1.014	14.653			
1/5/2016 8:30:00 PM	469800.000	73.245	17.981	166.948
28241.166	32613.451	20.537	22177.146	35.409
1.014	14.652			
1/5/2016 8:35:00 PM	470100.000	73.243	17.981	166.944
28240.691	32612.902	20.537	22176.775	35.410
1.014	14.654			
1/5/2016 8:40:00 PM	470400.000	73.223	17.981	166.897
28252.295	32626.369	20.546	22185.932	35.395
1.014	14.656			
1/5/2016 8:45:00 PM	470700.000	73.244	17.981	166.945
28243.475	32616.059	20.539	22178.920	35.406
1.014	14.657			
1/5/2016 8:50:00 PM	471000.000	73.221	17.981	166.894
28243.670	32616.156	20.539	22178.988	35.406
1.014	14.660			
1/5/2016 8:55:00 PM	471300.000	73.249	17.981	166.956
28241.377	32613.568	20.537	22177.227	35.409
1.014	14.663			
1/5/2016 9:00:00 PM	471600.000	73.246	17.981	166.950
28236.686	32608.275	20.534	22173.627	35.415
1.014	14.665			
1/5/2016 9:05:00 PM	471900.000	73.225	17.981	166.902
28241.004	32613.137	20.537	22176.936	35.410
1.014	14.667			
1/5/2016 9:10:00 PM	472200.000	73.243	17.980	166.942
28235.244	32606.998	20.533	22172.760	35.417
1.014	14.669			
1/5/2016 9:15:00 PM	472500.000	73.245	17.981	166.948
28235.104	32606.391	20.532	22172.346	35.417
1.014	14.671			
1/5/2016 9:20:00 PM	472800.000	73.248	17.981	166.954
28240.559	32612.816	20.537	22176.717	35.410
1.014	14.670			
1/5/2016 9:25:00 PM	473100.000	73.251	17.981	166.962
28249.074	32622.582	20.544	22183.357	35.399
1.014	14.668			
1/5/2016 9:30:00 PM	473400.000	73.231	17.981	166.917
28233.826	32604.916	20.531	22171.346	35.419
1.014	14.667			
1/5/2016 9:35:00 PM	473700.000	73.252	17.981	166.963
28227.559	32597.861	20.526	22166.547	35.426
1.014	14.669			
1/5/2016 9:40:00 PM	474000.000	73.231	17.981	166.916
28222.336	32591.646	20.522	22162.320	35.433
1.014	14.671			
1/5/2016 9:45:00 PM	474300.000	73.250	17.981	166.959
28236.279	32607.748	20.533	22173.271	35.415
1.014	14.674			
1/5/2016 9:50:00 PM	474600.000	73.229	17.981	166.912
28229.135	32599.623	20.528	22167.746	35.424
1.014	14.673			
1/5/2016 9:55:00 PM	474900.000	73.234	17.981	166.922
28226.012	32595.891	20.525	22165.207	35.428
1.014	14.671			
1/5/2016 10:00:00 PM	475200.000	73.235	17.981	166.925

28242.867	32615.482	20.539	22178.527	35.407
1.014	14.670			
1/5/2016 10:05:00 PM	475500.000	73.258	17.981	166.978
28234.061	32605.059	20.531	22171.439	35.418
1.014	14.670			
1/5/2016 10:10:00 PM	475800.000	73.237	17.981	166.929
28230.104	32600.676	20.528	22168.461	35.423
1.014	14.670			
1/5/2016 10:15:00 PM	476100.000	73.237	17.981	166.931
28247.453	32620.969	20.542	22182.260	35.401
1.014	14.670			
1/5/2016 10:20:00 PM	476400.000	73.258	17.981	166.978
28239.314	32611.313	20.536	22175.693	35.412
1.014	14.669			
1/5/2016 10:25:00 PM	476700.000	73.259	17.981	166.980
28228.205	32598.797	20.527	22167.184	35.426
1.014	14.667			
1/5/2016 10:30:00 PM	477000.000	73.240	17.981	166.937
28241.447	32613.963	20.538	22177.496	35.409
1.014	14.666			
1/5/2016 10:35:00 PM	477300.000	73.243	17.981	166.944
28241.959	32614.365	20.538	22177.771	35.408
1.014	14.667			
1/5/2016 10:40:00 PM	477600.000	73.242	17.981	166.942
28231.182	32602.178	20.529	22169.480	35.422
1.014	14.668			
1/5/2016 10:45:00 PM	477900.000	73.259	17.981	166.980
28246.582	32619.580	20.542	22181.316	35.403
1.014	14.670			
1/5/2016 10:50:00 PM	478200.000	73.252	17.981	166.964
28224.477	32594.244	20.524	22164.088	35.430
1.014	14.669			
1/5/2016 10:55:00 PM	478500.000	73.235	17.981	166.925
28228.920	32599.309	20.527	22167.529	35.425
1.014	14.668			
1/5/2016 11:00:00 PM	478800.000	73.242	17.981	166.940
28240.473	32612.838	20.537	22176.730	35.410
1.014	14.668			
1/5/2016 11:05:00 PM	479100.000	73.236	17.981	166.928
28239.295	32611.479	20.536	22175.807	35.412
1.014	14.669			
1/5/2016 11:10:00 PM	479400.000	73.259	17.981	166.980
28229.324	32599.402	20.528	22167.596	35.424
1.014	14.671			
1/5/2016 11:15:00 PM	479700.000	73.234	17.981	166.922
28222.527	32591.926	20.522	22162.510	35.433
1.014	14.672			
1/5/2016 11:20:00 PM	480000.000	73.258	17.981	166.978
28234.672	32606.018	20.532	22172.092	35.417
1.014	14.670			
1/5/2016 11:25:00 PM	480300.000	73.255	17.981	166.972
28233.422	32604.449	20.531	22171.025	35.419
1.014	14.668			
1/5/2016 11:30:00 PM	480600.000	73.259	17.981	166.980
28258.932	32633.840	20.551	22191.014	35.387
1.014	14.666			
1/5/2016 11:35:00 PM	480900.000	73.240	17.981	166.938
28231.102	32601.895	20.529	22169.291	35.422

1.014	14.665			
1/5/2016 11:40:00 PM	481200.000	73.256	17.981	166.972
28220.648	32589.445	20.521	22160.824	35.435
1.014	14.664			
1/5/2016 11:45:00 PM	481500.000	73.256	17.981	166.974
28242.887	32615.627	20.539	22178.629	35.407
1.014	14.663			
1/5/2016 11:50:00 PM	481800.000	73.238	17.981	166.931
28220.557	32589.717	20.521	22161.010	35.435
1.014	14.663			
1/5/2016 11:55:00 PM	482100.000	73.255	17.981	166.971
28244.898	32617.760	20.540	22180.076	35.405
1.014	14.662			
1/6/2016 12:00:00 AM	482400.000	73.257	17.981	166.975
28209.145	32576.412	20.512	22151.963	35.449
1.014	14.662			
1/6/2016 12:05:00 AM	482700.000	73.238	17.981	166.932
28239.164	32611.139	20.536	22175.576	35.412
1.014	14.659			
1/6/2016 12:10:00 AM	483000.000	73.260	17.981	166.982
28231.953	32602.686	20.530	22169.826	35.421
1.014	14.657			
1/6/2016 12:15:00 AM	483300.000	73.243	17.981	166.944
28231.588	32602.203	20.529	22169.498	35.421
1.014	14.655			
1/6/2016 12:20:00 AM	483600.000	73.266	17.981	166.996
28222.855	32592.432	20.523	22162.855	35.432
1.014	14.655			
1/6/2016 12:25:00 AM	483900.000	73.262	17.981	166.986
28225.439	32595.547	20.525	22164.975	35.429
1.014	14.655			
1/6/2016 12:30:00 AM	484200.000	73.262	17.981	166.987
28222.652	32592.012	20.522	22162.568	35.433
1.014	14.654			
1/6/2016 12:35:00 AM	484500.000	73.238	17.981	166.933
28233.391	32604.471	20.531	22171.041	35.419
1.014	14.654			
1/6/2016 12:40:00 AM	484800.000	73.261	17.981	166.985
28252.912	32626.828	20.547	22186.244	35.395
1.014	14.654			
1/6/2016 12:45:00 AM	485100.000	73.259	17.981	166.981
28249.160	32622.496	20.544	22183.299	35.399
1.014	14.654			
1/6/2016 12:50:00 AM	485400.000	73.258	17.981	166.978
28242.527	32614.711	20.538	22178.006	35.408
1.014	14.654			
1/6/2016 12:55:00 AM	485700.000	73.257	17.981	166.976
28237.805	32609.637	20.535	22174.553	35.414
1.014	14.655			
1/6/2016 1:00:00 AM	486000.000	73.253	17.981	166.966
28241.031	32613.420	20.537	22177.125	35.409
1.014	14.655			
1/6/2016 1:05:00 AM	486300.000	73.239	17.981	166.935
28231.924	32602.652	20.530	22169.805	35.421
1.014	14.653			
1/6/2016 1:10:00 AM	486600.000	73.259	17.981	166.981
28254.639	32629.010	20.548	22187.727	35.392

1.014	14.650			
1/6/2016 1:15:00 AM	486900.000	73.256	17.981	166.973
28228.352	32598.594	20.527	22167.045	35.425
1.014	14.648			
1/6/2016 1:20:00 AM	487200.000	73.242	17.981	166.940
28239.961	32611.934	20.536	22176.117	35.411
1.014	14.645			
1/6/2016 1:25:00 AM	487500.000	73.262	17.981	166.986
28238.963	32611.031	20.536	22175.502	35.412
1.014	14.642			
1/6/2016 1:30:00 AM	487800.000	73.242	17.981	166.942
28248.215	32621.590	20.543	22182.682	35.400
1.014	14.639			
1/6/2016 1:35:00 AM	488100.000	73.261	17.981	166.984
28246.654	32619.914	20.542	22181.541	35.402
1.014	14.640			
1/6/2016 1:40:00 AM	488400.000	73.239	17.981	166.934
28232.600	32603.625	20.530	22170.465	35.420
1.014	14.641			
1/6/2016 1:45:00 AM	488700.000	73.255	17.981	166.971
28231.707	32602.279	20.530	22169.553	35.421
1.014	14.642			
1/6/2016 1:50:00 AM	489000.000	73.255	17.981	166.971
28247.230	32620.643	20.542	22182.037	35.402
1.014	14.639			
1/6/2016 1:55:00 AM	489300.000	73.260	17.981	166.983
28235.617	32606.916	20.533	22172.705	35.416
1.014	14.637			
1/6/2016 2:00:00 AM	489600.000	73.240	17.981	166.937
28251.391	32625.199	20.545	22185.135	35.396
1.014	14.634			
1/6/2016 2:05:00 AM	489900.000	73.244	17.981	166.946
28234.063	32605.121	20.531	22171.484	35.418
1.014	14.633			
1/6/2016 2:10:00 AM	490200.000	73.245	17.981	166.947
28252.404	32626.555	20.546	22186.059	35.395
1.014	14.631			
1/6/2016 2:15:00 AM	490500.000	73.263	17.981	166.989
28229.109	32599.342	20.527	22167.553	35.424
1.014	14.630			
1/6/2016 2:20:00 AM	490800.000	73.262	17.981	166.988
28239.477	32611.441	20.536	22175.783	35.411
1.014	14.631			
1/6/2016 2:25:00 AM	491100.000	73.244	17.981	166.946
28232.813	32603.871	20.531	22170.633	35.420
1.014	14.631			
1/6/2016 2:30:00 AM	491400.000	73.262	17.981	166.987
28241.951	32614.299	20.538	22177.723	35.408
1.014	14.632			
1/6/2016 2:35:00 AM	491700.000	73.270	17.981	167.004
28234.932	32606.318	20.532	22172.299	35.417
1.014	14.628			
1/6/2016 2:40:00 AM	492000.000	73.253	17.981	166.967
28232.813	32603.803	20.531	22170.588	35.420
1.014	14.623			
1/6/2016 2:45:00 AM	492300.000	73.280	17.981	167.028
28227.119	32597.486	20.526	22166.293	35.427
1.014	14.619			

1/6/2016 2:50:00 AM	492600.000	73.280	17.981	167.028
28240.742	32612.836	20.537	22176.729	35.410
1.014	14.620			
1/6/2016 2:55:00 AM	492900.000	73.272	17.981	167.011
28235.639	32607.193	20.533	22172.893	35.416
1.014	14.620			
1/6/2016 3:00:00 AM	493200.000	73.249	17.981	166.956
28236.941	32608.445	20.534	22173.742	35.415
1.014	14.620			
1/6/2016 3:05:00 AM	493500.000	73.275	17.981	167.017
28231.740	32602.439	20.530	22169.658	35.421
1.014	14.616			
1/6/2016 3:10:00 AM	493800.000	73.260	17.981	166.983
28252.406	32626.619	20.546	22186.102	35.395
1.014	14.612			
1/6/2016 3:15:00 AM	494100.000	73.282	17.981	167.031
28224.381	32593.941	20.524	22163.881	35.430
1.014	14.609			
1/6/2016 3:20:00 AM	494400.000	73.267	17.981	166.998
28235.994	32607.545	20.533	22173.133	35.416
1.014	14.606			
1/6/2016 3:25:00 AM	494700.000	73.264	17.981	166.992
28235.215	32606.330	20.532	22172.307	35.417
1.014	14.603			
1/6/2016 3:30:00 AM	495000.000	73.267	17.981	166.998
28220.545	32589.826	20.521	22161.084	35.435
1.014	14.600			
1/6/2016 3:35:00 AM	495300.000	73.270	17.981	167.004
28240.318	32612.598	20.537	22176.566	35.410
1.014	14.599			
1/6/2016 3:40:00 AM	495600.000	73.268	17.981	167.000
28235.895	32607.176	20.533	22172.881	35.416
1.014	14.599			
1/6/2016 3:45:00 AM	495900.000	73.282	17.981	167.033
28226.879	32596.951	20.526	22165.928	35.427
1.014	14.598			
1/6/2016 3:50:00 AM	496200.000	73.292	17.981	167.054
28248.836	32622.061	20.543	22183.002	35.400
1.014	14.596			
1/6/2016 3:55:00 AM	496500.000	73.293	17.981	167.058
28228.012	32598.201	20.527	22166.779	35.426
1.014	14.593			
1/6/2016 4:00:00 AM	496800.000	73.292	17.981	167.055
28250.188	32623.811	20.544	22184.193	35.398
1.014	14.591			
1/6/2016 4:05:00 AM	497100.000	73.298	17.981	167.068
28235.395	32606.854	20.533	22172.660	35.417
1.014	14.590			
1/6/2016 4:10:00 AM	497400.000	73.298	17.981	167.068
28233.080	32603.986	20.531	22170.711	35.419
1.014	14.590			
1/6/2016 4:15:00 AM	497700.000	73.279	17.981	167.026
28243.977	32616.449	20.539	22179.186	35.406
1.014	14.589			
1/6/2016 4:20:00 AM	498000.000	73.302	17.981	167.077
28238.113	32609.992	20.535	22174.795	35.413
1.014	14.588			

1/6/2016 4:25:00 AM	498300.000	73.307	17.981	167.089
28226.508	32596.396	20.525	22165.553	35.428
1.014	14.587			
1/6/2016 4:30:00 AM	498600.000	73.306	17.981	167.088
28243.215	32615.570	20.539	22178.590	35.407
1.014	14.586			
1/6/2016 4:35:00 AM	498900.000	73.312	17.981	167.102
28237.111	32608.709	20.534	22173.924	35.414
1.014	14.585			
1/6/2016 4:40:00 AM	499200.000	73.315	17.981	167.108
28247.816	32620.818	20.542	22182.158	35.401
1.014	14.584			
1/6/2016 4:45:00 AM	499500.000	73.317	17.981	167.112
28231.807	32602.643	20.530	22169.799	35.421
1.014	14.583			
1/6/2016 4:50:00 AM	499800.000	73.304	17.981	167.083
28223.361	32592.764	20.523	22163.080	35.432
1.014	14.582			
1/6/2016 4:55:00 AM	500100.000	73.303	17.982	167.080
28236.914	32608.102	20.534	22173.512	35.415
1.014	14.581			
1/6/2016 5:00:00 AM	500400.000	73.326	17.981	167.133
28244.223	32617.047	20.540	22179.592	35.405
1.014	14.581			
1/6/2016 5:05:00 AM	500700.000	73.326	17.981	167.132
28242.443	32614.867	20.538	22178.109	35.408
1.014	14.581			
1/6/2016 5:10:00 AM	501000.000	73.311	17.981	167.099
28234.666	32605.758	20.532	22171.916	35.417
1.014	14.582			
1/6/2016 5:15:00 AM	501300.000	73.338	17.982	167.160
28236.992	32608.193	20.534	22173.572	35.415
1.014	14.582			
1/6/2016 5:20:00 AM	501600.000	73.334	17.981	167.150
28232.605	32603.379	20.530	22170.299	35.420
1.014	14.585			
1/6/2016 5:25:00 AM	501900.000	73.318	17.981	167.114
28251.703	32625.492	20.546	22185.336	35.396
1.014	14.588			
1/6/2016 5:30:00 AM	502200.000	73.348	17.981	167.183
28238.729	32610.324	20.535	22175.021	35.412
1.014	14.592			
1/6/2016 5:35:00 AM	502500.000	73.346	17.982	167.178
28239.672	32611.094	20.536	22175.547	35.411
1.014	14.592			
1/6/2016 5:40:00 AM	502800.000	73.347	17.981	167.180
28251.834	32625.645	20.546	22185.439	35.396
1.014	14.593			
1/6/2016 5:45:00 AM	503100.000	73.335	17.982	167.153
28257.430	32631.729	20.550	22189.576	35.389
1.014	14.593			
1/6/2016 5:50:00 AM	503400.000	73.363	17.981	167.217
28244.975	32617.662	20.540	22180.012	35.405
1.014	14.595			
1/6/2016 5:55:00 AM	503700.000	73.360	17.981	167.209
28240.832	32612.752	20.537	22176.672	35.410
1.014	14.596			
1/6/2016 6:00:00 AM	504000.000	73.359	17.981	167.208

28237.068	32608.346	20.534	22173.678	35.414
1.014	14.598			
1/6/2016 6:05:00 AM	504300.000	73.360	17.981	167.209
28236.814	32608.299	20.534	22173.643	35.415
1.014	14.600			
1/6/2016 6:10:00 AM	504600.000	73.358	17.982	167.207
28241.049	32612.813	20.537	22176.715	35.409
1.014	14.602			
1/6/2016 6:15:00 AM	504900.000	73.358	17.982	167.206
28237.525	32608.615	20.534	22173.861	35.414
1.014	14.604			
1/6/2016 6:20:00 AM	505200.000	73.364	17.981	167.219
28245.309	32618.049	20.540	22180.275	35.404
1.014	14.601			
1/6/2016 6:25:00 AM	505500.000	73.373	17.981	167.239
28231.736	32602.314	20.530	22169.574	35.421
1.014	14.597			
1/6/2016 6:30:00 AM	505800.000	73.376	17.982	167.248
28227.064	32596.729	20.526	22165.777	35.427
1.014	14.593			
1/6/2016 6:35:00 AM	506100.000	73.379	17.982	167.254
28218.727	32586.971	20.519	22159.141	35.437
1.014	14.590			
1/6/2016 6:40:00 AM	506400.000	73.383	17.981	167.262
28237.352	32608.734	20.534	22173.941	35.414
1.014	14.588			
1/6/2016 6:45:00 AM	506700.000	73.389	17.981	167.276
28235.006	32606.277	20.532	22172.270	35.417
1.014	14.585			
1/6/2016 6:50:00 AM	507000.000	73.386	17.981	167.270
28252.871	32626.596	20.546	22186.086	35.395
1.014	14.585			
1/6/2016 6:55:00 AM	507300.000	73.385	17.981	167.268
28232.967	32603.734	20.531	22170.539	35.420
1.014	14.584			
1/6/2016 7:00:00 AM	507600.000	73.388	17.982	167.273
28236.551	32607.371	20.533	22173.014	35.415
1.014	14.584			
1/6/2016 7:05:00 AM	507900.000	73.371	17.982	167.236
28233.910	32604.633	20.531	22171.152	35.418
1.014	14.583			
1/6/2016 7:10:00 AM	508200.000	73.396	17.981	167.291
28228.820	32599.318	20.527	22167.537	35.425
1.014	14.582			
1/6/2016 7:15:00 AM	508500.000	73.377	17.982	167.248
28248.340	32620.912	20.542	22182.223	35.400
1.014	14.581			
1/6/2016 7:20:00 AM	508800.000	73.399	17.982	167.299
28261.365	32636.211	20.553	22192.625	35.384
1.014	14.584			
1/6/2016 7:25:00 AM	509100.000	73.377	17.981	167.248
28223.219	32592.352	20.523	22162.801	35.432
1.014	14.587			
1/6/2016 7:30:00 AM	509400.000	73.377	17.982	167.250
28240.742	32612.523	20.537	22176.518	35.410
1.014	14.590			
1/6/2016 7:35:00 AM	509700.000	73.381	17.982	167.257

28241.436	32613.324	20.537	22177.061	35.409
1.014	14.589			
1/6/2016 7:40:00 AM	510000.000	73.406	17.982	167.316
28244.980	32617.289	20.540	22179.756	35.405
1.014	14.588			
1/6/2016 7:45:00 AM	510300.000	73.410	17.982	167.324
28233.957	32604.623	20.531	22171.146	35.418
1.014	14.587			
1/6/2016 7:50:00 AM	510600.000	73.391	17.982	167.282
28234.260	32604.973	20.531	22171.381	35.418
1.014	14.586			
1/6/2016 7:55:00 AM	510900.000	73.412	17.981	167.328
28249.055	32622.313	20.543	22183.172	35.399
1.014	14.586			
1/6/2016 8:00:00 AM	511200.000	73.416	17.982	167.337
28248.154	32620.891	20.542	22182.205	35.401
1.014	14.585			
1/6/2016 8:05:00 AM	511500.000	73.416	17.982	167.338
28247.182	32619.766	20.542	22181.441	35.402
1.014	14.588			
1/6/2016 8:10:00 AM	511800.000	73.417	17.982	167.341
28253.584	32627.225	20.547	22186.514	35.394
1.014	14.591			
1/6/2016 8:15:00 AM	512100.000	73.399	17.982	167.299
28235.816	32606.643	20.533	22172.518	35.416
1.014	14.595			
1/6/2016 8:20:00 AM	512400.000	73.405	17.981	167.314
28242.221	32614.295	20.538	22177.721	35.408
1.014	14.597			
1/6/2016 8:25:00 AM	512700.000	73.417	17.982	167.339
28233.771	32604.215	20.531	22170.867	35.419
1.014	14.600			
1/6/2016 8:30:00 AM	513000.000	73.419	17.982	167.346
28223.154	32592.020	20.522	22162.574	35.432
1.014	14.603			
1/6/2016 8:35:00 AM	513300.000	73.399	17.982	167.300
28244.455	32616.746	20.540	22179.389	35.405
1.014	14.603			
1/6/2016 8:40:00 AM	513600.000	73.419	17.981	167.343
28238.854	32610.533	20.535	22175.164	35.412
1.014	14.604			
1/6/2016 8:45:00 AM	513900.000	73.404	17.982	167.311
28219.047	32587.342	20.519	22159.393	35.437
1.014	14.604			
1/6/2016 8:50:00 AM	514200.000	73.418	17.982	167.343
28245.074	32617.461	20.540	22179.875	35.404
1.014	14.603			
1/6/2016 8:55:00 AM	514500.000	73.423	17.982	167.353
28231.338	32601.535	20.529	22169.047	35.422
1.014	14.601			
1/6/2016 9:00:00 AM	514800.000	73.408	17.982	167.319
28246.934	32619.607	20.542	22181.336	35.402
1.014	14.599			
1/6/2016 9:05:00 AM	515100.000	73.418	17.982	167.343
28236.496	32607.361	20.533	22173.006	35.415
1.014	14.604			
1/6/2016 9:10:00 AM	515400.000	73.419	17.982	167.345
28247.291	32619.586	20.542	22181.320	35.402

1.014	14.608			
1/6/2016 9:15:00 AM	515700.000	73.414	17.982	167.333
28243.041	32614.984	20.538	22178.189	35.407
1.014	14.613			
1/6/2016 9:20:00 AM	516000.000	73.401	17.982	167.303
28240.047	32611.654	20.536	22175.926	35.411
1.014	14.611			
1/6/2016 9:25:00 AM	516300.000	73.426	17.982	167.362
28254.412	32628.051	20.547	22187.074	35.393
1.014	14.610			
1/6/2016 9:30:00 AM	516600.000	73.406	17.982	167.315
28251.629	32624.783	20.545	22184.855	35.396
1.014	14.609			
1/6/2016 9:35:00 AM	516900.000	73.422	17.982	167.351
28241.717	32613.391	20.537	22177.107	35.409
1.014	14.610			
1/6/2016 9:40:00 AM	517200.000	73.420	17.982	167.346
28241.664	32613.275	20.537	22177.029	35.409
1.014	14.612			
1/6/2016 9:45:00 AM	517500.000	73.403	17.982	167.307
28235.787	32606.736	20.533	22172.580	35.416
1.014	14.614			
1/6/2016 9:50:00 AM	517800.000	73.400	17.982	167.302
28255.623	32629.514	20.548	22188.072	35.391
1.014	14.615			
1/6/2016 9:55:00 AM	518100.000	73.413	17.982	167.330
28242.426	32614.027	20.538	22177.539	35.408
1.014	14.616			
1/6/2016 10:00:00 AM	518400.000	73.413	17.981	167.331
28235.918	32607.391	20.533	22173.027	35.416
1.014	14.617			
1/6/2016 10:05:00 AM	518700.000	73.390	17.982	167.278
28226.828	32596.072	20.525	22165.330	35.427
1.014	14.616			
1/6/2016 10:10:00 AM	519000.000	73.415	17.982	167.335
28233.643	32604.260	20.531	22170.898	35.419
1.014	14.615			
1/6/2016 10:15:00 AM	519300.000	73.391	17.982	167.281
28240.965	32612.521	20.537	22176.518	35.410
1.014	14.614			
1/6/2016 10:20:00 AM	519600.000	73.409	17.982	167.322
28239.236	32610.525	20.535	22175.160	35.412
1.014	14.612			
1/6/2016 10:25:00 AM	519900.000	73.411	17.982	167.326
28246.730	32619.246	20.541	22181.090	35.402
1.014	14.610			
1/6/2016 10:30:00 AM	520200.000	73.394	17.982	167.288
28244.303	32616.441	20.539	22179.180	35.405
1.014	14.608			
1/6/2016 10:35:00 AM	520500.000	73.410	17.982	167.324
28248.330	32621.158	20.543	22182.391	35.400
1.014	14.611			
1/6/2016 10:40:00 AM	520800.000	73.385	17.982	167.268
28223.838	32592.809	20.523	22163.111	35.431
1.014	14.614			
1/6/2016 10:45:00 AM	521100.000	73.380	17.982	167.256
28243.984	32616.139	20.539	22178.977	35.406

1.014	14.616			
1/6/2016 10:50:00 AM	521400.000	73.398	17.982	167.296
28238.066	32608.994	20.534	22174.117	35.413
1.014	14.615			
1/6/2016 10:55:00 AM	521700.000	73.395	17.982	167.290
28258.703	32633.006	20.551	22190.445	35.387
1.014	14.614			
1/6/2016 11:00:00 AM	522000.000	73.396	17.982	167.291
28239.852	32611.236	20.536	22175.643	35.411
1.014	14.613			
1/6/2016 11:05:00 AM	522300.000	73.377	17.982	167.249
28226.551	32595.941	20.525	22165.242	35.428
1.014	14.611			
1/6/2016 11:10:00 AM	522600.000	73.399	17.982	167.300
28237.895	32609.234	20.534	22174.279	35.413
1.014	14.609			
1/6/2016 11:15:00 AM	522900.000	73.402	17.982	167.305
28238.420	32609.529	20.535	22174.482	35.413
1.014	14.607			
1/6/2016 11:20:00 AM	523200.000	73.399	17.982	167.299
28227.727	32597.109	20.526	22166.037	35.426
1.014	14.608			
1/6/2016 11:25:00 AM	523500.000	73.392	17.982	167.283
28250.381	32623.342	20.544	22183.875	35.398
1.014	14.609			
1/6/2016 11:30:00 AM	523800.000	73.391	17.982	167.280
28228.867	32598.553	20.527	22167.018	35.425
1.014	14.609			
1/6/2016 11:35:00 AM	524100.000	73.365	17.982	167.222
28233.975	32604.449	20.531	22171.025	35.418
1.014	14.607			
1/6/2016 11:40:00 AM	524400.000	73.369	17.982	167.230
28242.506	32614.248	20.538	22177.691	35.408
1.014	14.605			
1/6/2016 11:45:00 AM	524700.000	73.384	17.982	167.264
28239.662	32611.211	20.536	22175.625	35.411
1.014	14.603			
1/6/2016 11:50:00 AM	525000.000	73.381	17.982	167.258
28233.881	32604.160	20.531	22170.832	35.418
1.014	14.600			
1/6/2016 11:55:00 AM	525300.000	73.379	17.982	167.254
28241.199	32612.793	20.537	22176.701	35.409
1.014	14.598			
1/6/2016 12:00:00 PM	525600.000	73.362	17.982	167.216
28234.139	32604.705	20.531	22171.199	35.418
1.014	14.595			
1/6/2016 12:05:00 PM	525900.000	73.374	17.982	167.241
28234.131	32604.449	20.531	22171.025	35.418
1.014	14.595			
1/6/2016 12:10:00 PM	526200.000	73.350	17.982	167.187
28231.492	32601.457	20.529	22168.990	35.421
1.014	14.595			
1/6/2016 12:15:00 PM	526500.000	73.347	17.982	167.181
28238.195	32609.143	20.534	22174.217	35.413
1.014	14.594			
1/6/2016 12:20:00 PM	526800.000	73.366	17.982	167.225
28245.523	32617.916	20.540	22180.186	35.404
1.014	14.595			

1/6/2016 12:25:00 PM	527100.000	73.364	17.982	167.218
28241.178	32612.834	20.537	22176.727	35.409
1.014	14.595			
1/6/2016 12:30:00 PM	527400.000	73.355	17.982	167.198
28242.828	32614.805	20.538	22178.070	35.407
1.014	14.595			
1/6/2016 12:35:00 PM	527700.000	73.355	17.981	167.198
28237.438	32608.771	20.534	22173.965	35.414
1.014	14.596			
1/6/2016 12:40:00 PM	528000.000	73.352	17.982	167.191
28230.930	32601.064	20.529	22168.727	35.422
1.014	14.596			
1/6/2016 12:45:00 PM	528300.000	73.341	17.982	167.166
28251.736	32624.961	20.545	22184.977	35.396
1.014	14.596			
1/6/2016 12:50:00 PM	528600.000	73.343	17.982	167.172
28241.422	32613.051	20.537	22176.877	35.409
1.014	14.596			
1/6/2016 12:55:00 PM	528900.000	73.337	17.982	167.158
28232.754	32603.105	20.530	22170.113	35.420
1.014	14.596			
1/6/2016 1:00:00 PM	529200.000	73.315	17.982	167.109
28238.814	32609.984	20.535	22174.789	35.412
1.014	14.596			
1/6/2016 1:05:00 PM	529500.000	73.311	17.982	167.098
28255.594	32629.480	20.548	22188.047	35.391
1.014	14.595			
1/6/2016 1:10:00 PM	529800.000	73.330	17.981	167.141
28231.414	32602.189	20.529	22169.488	35.422
1.014	14.593			
1/6/2016 1:15:00 PM	530100.000	73.324	17.982	167.127
28234.508	32605.012	20.531	22171.410	35.418
1.014	14.591			
1/6/2016 1:20:00 PM	530400.000	73.328	17.981	167.137
28250.162	32623.467	20.544	22183.959	35.398
1.014	14.591			
1/6/2016 1:25:00 PM	530700.000	73.306	17.981	167.086
28225.811	32595.471	20.525	22164.920	35.429
1.014	14.590			
1/6/2016 1:30:00 PM	531000.000	73.324	17.982	167.128
28238.246	32609.576	20.535	22174.514	35.413
1.014	14.590			
1/6/2016 1:35:00 PM	531300.000	73.300	17.982	167.073
28236.904	32608.025	20.534	22173.459	35.415
1.014	14.592			
1/6/2016 1:40:00 PM	531600.000	73.312	17.982	167.101
28240.273	32611.982	20.536	22176.148	35.410
1.014	14.595			
1/6/2016 1:45:00 PM	531900.000	73.309	17.982	167.095
28253.693	32627.479	20.547	22186.688	35.394
1.014	14.597			
1/6/2016 1:50:00 PM	532200.000	73.304	17.982	167.083
28247.885	32620.578	20.542	22181.996	35.401
1.014	14.595			
1/6/2016 1:55:00 PM	532500.000	73.301	17.981	167.076
28232.213	32602.986	20.530	22170.033	35.421
1.014	14.594			

1/6/2016 2:00:00 PM	532800.000	73.305	17.981	167.086
28237.977	32609.455	20.535	22174.432	35.413
1.014	14.592			
1/6/2016 2:05:00 PM	533100.000	73.285	17.982	167.040
28253.264	32626.789	20.547	22186.219	35.394
1.014	14.590			
1/6/2016 2:10:00 PM	533400.000	73.294	17.981	167.061
28249.500	32622.701	20.544	22183.439	35.399
1.014	14.589			
1/6/2016 2:15:00 PM	533700.000	73.300	17.981	167.073
28246.939	32619.744	20.542	22181.428	35.402
1.014	14.588			
1/6/2016 2:20:00 PM	534000.000	73.294	17.982	167.059
28242.818	32614.855	20.538	22178.102	35.407
1.014	14.587			
1/6/2016 2:25:00 PM	534300.000	73.294	17.981	167.059
28240.070	32611.873	20.536	22176.074	35.411
1.014	14.587			
1/6/2016 2:30:00 PM	534600.000	73.273	17.982	167.011
28244.498	32616.861	20.540	22179.469	35.405
1.014	14.586			
1/6/2016 2:35:00 PM	534900.000	73.268	17.981	167.001
28245.250	32617.980	20.540	22180.227	35.404
1.014	14.587			
1/6/2016 2:40:00 PM	535200.000	73.288	17.981	167.046
28231.170	32601.535	20.529	22169.047	35.422
1.014	14.587			
1/6/2016 2:45:00 PM	535500.000	73.281	17.982	167.031
28227.111	32596.783	20.526	22165.813	35.427
1.014	14.588			
1/6/2016 2:50:00 PM	535800.000	73.284	17.982	167.038
28245.807	32618.113	20.541	22180.316	35.403
1.014	14.588			
1/6/2016 2:55:00 PM	536100.000	73.281	17.981	167.031
28257.158	32631.545	20.550	22189.453	35.389
1.014	14.588			
1/6/2016 3:00:00 PM	536400.000	73.276	17.981	167.019
28231.650	32602.275	20.530	22169.549	35.421
1.014	14.587			
1/6/2016 3:05:00 PM	536700.000	73.274	17.981	167.014
28240.262	32612.094	20.536	22176.227	35.410
1.014	14.589			
1/6/2016 3:10:00 PM	537000.000	73.272	17.981	167.008
28242.035	32614.082	20.538	22177.578	35.408
1.014	14.590			
1/6/2016 3:15:00 PM	537300.000	73.269	17.981	167.003
28238.916	32610.727	20.535	22175.297	35.412
1.014	14.591			
1/6/2016 3:20:00 PM	537600.000	73.265	17.981	166.995
28237.529	32608.939	20.534	22174.080	35.414
1.014	14.592			
1/6/2016 3:25:00 PM	537900.000	73.242	17.982	166.941
28250.039	32623.131	20.544	22183.729	35.398
1.014	14.592			
1/6/2016 3:30:00 PM	538200.000	73.260	17.981	166.981
28225.295	32595.189	20.525	22164.730	35.429
1.014	14.593			
1/6/2016 3:35:00 PM	538500.000	73.238	17.982	166.933

28236.055	32606.982	20.533	22172.748	35.416
1.014	14.592			
1/6/2016 3:40:00 PM	538800.000	73.236	17.981	166.928
28236.818	32608.305	20.534	22173.646	35.415
1.014	14.591			
1/6/2016 3:45:00 PM	539100.000	73.236	17.981	166.927
28241.711	32613.768	20.537	22177.363	35.409
1.014	14.591			
1/6/2016 3:50:00 PM	539400.000	73.255	17.982	166.972
28239.047	32610.566	20.535	22175.186	35.412
1.014	14.591			
1/6/2016 3:55:00 PM	539700.000	73.234	17.982	166.924
28240.094	32611.709	20.536	22175.965	35.411
1.014	14.591			
1/6/2016 4:00:00 PM	540000.000	73.254	17.981	166.968
28232.928	32603.625	20.530	22170.465	35.420
1.014	14.591			
1/6/2016 4:05:00 PM	540300.000	73.256	17.981	166.973
28227.139	32597.064	20.526	22166.004	35.427
1.014	14.590			
1/6/2016 4:10:00 PM	540600.000	73.234	17.981	166.923
28251.367	32624.857	20.545	22184.904	35.397
1.014	14.589			
1/6/2016 4:15:00 PM	540900.000	73.252	17.981	166.963
28243.514	32615.975	20.539	22178.863	35.406
1.014	14.588			
1/6/2016 4:20:00 PM	541200.000	73.225	17.981	166.902
28237.477	32609.189	20.534	22174.252	35.414
1.014	14.591			
1/6/2016 4:25:00 PM	541500.000	73.246	17.982	166.951
28245.094	32617.482	20.540	22179.891	35.404
1.014	14.594			
1/6/2016 4:30:00 PM	541800.000	73.243	17.981	166.943
28258.338	32632.969	20.551	22190.420	35.388
1.014	14.597			
1/6/2016 4:35:00 PM	542100.000	73.223	17.981	166.897
28240.451	32612.566	20.537	22176.547	35.410
1.014	14.596			
1/6/2016 4:40:00 PM	542400.000	73.224	17.981	166.900
28235.895	32607.176	20.533	22172.881	35.416
1.014	14.594			
1/6/2016 4:45:00 PM	542700.000	73.241	17.981	166.938
28230.844	32601.283	20.529	22168.875	35.422
1.014	14.593			
1/6/2016 4:50:00 PM	543000.000	73.242	17.982	166.941
28240.270	32611.912	20.536	22176.100	35.410
1.014	14.595			
1/6/2016 4:55:00 PM	543300.000	73.240	17.981	166.935
28247.051	32619.934	20.542	22181.555	35.402
1.014	14.596			
1/6/2016 5:00:00 PM	543600.000	73.238	17.981	166.931
28250.441	32623.914	20.545	22184.264	35.398
1.014	14.598			
1/6/2016 5:05:00 PM	543900.000	73.239	17.982	166.935
28250.059	32623.281	20.544	22183.832	35.398
1.014	14.596			
1/6/2016 5:10:00 PM	544200.000	73.227	17.982	166.907

28234.479	32605.225	20.532	22171.555	35.418
1.014	14.595			
1/6/2016 5:15:00 PM	544500.000	73.219	17.981	166.889
28254.947	32629.434	20.548	22188.018	35.392
1.014	14.593			
1/6/2016 5:20:00 PM	544800.000	73.241	17.981	166.938
28248.080	32621.063	20.543	22182.324	35.401
1.014	14.593			
1/6/2016 5:25:00 PM	545100.000	73.242	17.981	166.941
28250.762	32624.219	20.545	22184.469	35.397
1.014	14.593			
1/6/2016 5:30:00 PM	545400.000	73.221	17.982	166.892
28251.826	32625.322	20.545	22185.221	35.396
1.014	14.593			
1/6/2016 5:35:00 PM	545700.000	73.223	17.982	166.898
28234.072	32604.820	20.531	22171.277	35.418
1.014	14.594			
1/6/2016 5:40:00 PM	546000.000	73.244	17.981	166.945
28238.232	32610.063	20.535	22174.844	35.413
1.014	14.595			
1/6/2016 5:45:00 PM	546300.000	73.241	17.982	166.939
28240.984	32612.803	20.537	22176.709	35.410
1.014	14.596			
1/6/2016 5:50:00 PM	546600.000	73.242	17.981	166.941
28249.941	32623.525	20.544	22184.000	35.398
1.014	14.595			
1/6/2016 5:55:00 PM	546900.000	73.223	17.981	166.898
28257.232	32631.631	20.550	22189.510	35.389
1.014	14.595			
1/6/2016 6:00:00 PM	547200.000	73.247	17.982	166.953
28266.459	32642.221	20.557	22196.713	35.378
1.014	14.594			
1/6/2016 6:05:00 PM	547500.000	73.230	17.981	166.913
28243.365	32615.617	20.539	22178.619	35.407
1.014	14.596			
1/6/2016 6:10:00 PM	547800.000	73.242	17.981	166.942
28240.424	32612.281	20.536	22176.354	35.410
1.014	14.599			
1/6/2016 6:15:00 PM	548100.000	73.243	17.981	166.944
28240.492	32612.799	20.537	22176.705	35.410
1.014	14.601			
1/6/2016 6:20:00 PM	548400.000	73.239	17.981	166.935
28243.637	32616.117	20.539	22178.961	35.406
1.014	14.603			
1/6/2016 6:25:00 PM	548700.000	73.237	17.981	166.930
28258.992	32633.979	20.551	22191.107	35.387
1.014	14.605			
1/6/2016 6:30:00 PM	549000.000	73.242	17.981	166.940
28242.180	32614.248	20.538	22177.691	35.408
1.014	14.606			
1/6/2016 6:35:00 PM	549300.000	73.243	17.981	166.943
28235.244	32606.553	20.532	22172.459	35.417
1.014	14.605			
1/6/2016 6:40:00 PM	549600.000	73.245	17.981	166.947
28238.297	32609.891	20.535	22174.729	35.413
1.014	14.604			
1/6/2016 6:45:00 PM	549900.000	73.251	17.981	166.961
28245.256	32618.047	20.540	22180.273	35.404

1.014	14.603			
1/6/2016 6:50:00 PM	550200.000	73.247	17.981	166.953
28230.854	32601.229	20.529	22168.836	35.422
1.014	14.604			
1/6/2016 6:55:00 PM	550500.000	73.252	17.981	166.963
28232.236	32602.951	20.530	22170.010	35.421
1.014	14.605			
1/6/2016 7:00:00 PM	550800.000	73.247	17.981	166.952
28254.486	32628.832	20.548	22187.607	35.393
1.014	14.606			
1/6/2016 7:05:00 PM	551100.000	73.251	17.982	166.962
28237.313	32608.498	20.534	22173.781	35.414
1.014	14.605			
1/6/2016 7:10:00 PM	551400.000	73.253	17.981	166.967
28251.088	32624.723	20.545	22184.814	35.397
1.014	14.604			
1/6/2016 7:15:00 PM	551700.000	73.260	17.981	166.982
28262.980	32638.270	20.554	22194.025	35.382
1.014	14.603			
1/6/2016 7:20:00 PM	552000.000	73.262	17.981	166.987
28225.492	32595.104	20.525	22164.672	35.429
1.014	14.604			
1/6/2016 7:25:00 PM	552300.000	73.243	17.982	166.943
28256.295	32630.484	20.549	22188.732	35.390
1.014	14.604			
1/6/2016 7:30:00 PM	552600.000	73.267	17.981	166.997
28242.113	32614.172	20.538	22177.637	35.408
1.014	14.605			
1/6/2016 7:35:00 PM	552900.000	73.264	17.981	166.992
28239.869	32611.705	20.536	22175.961	35.411
1.014	14.607			
1/6/2016 7:40:00 PM	553200.000	73.243	17.981	166.944
28258.693	32633.443	20.551	22190.742	35.387
1.014	14.609			
1/6/2016 7:45:00 PM	553500.000	73.244	17.981	166.945
28263.150	32638.838	20.555	22194.410	35.382
1.014	14.611			
1/6/2016 7:50:00 PM	553800.000	73.245	17.981	166.948
28243.357	32615.734	20.539	22178.699	35.407
1.014	14.610			
1/6/2016 7:55:00 PM	554100.000	73.269	17.981	167.003
28236.818	32608.117	20.534	22173.521	35.415
1.014	14.609			
1/6/2016 8:00:00 PM	554400.000	73.279	17.981	167.025
28244.488	32617.041	20.540	22179.588	35.405
1.014	14.608			
1/6/2016 8:05:00 PM	554700.000	73.274	17.982	167.014
28258.711	32633.209	20.551	22190.582	35.387
1.014	14.608			
1/6/2016 8:10:00 PM	555000.000	73.254	17.981	166.969
28246.383	32619.289	20.541	22181.117	35.403
1.014	14.608			
1/6/2016 8:15:00 PM	555300.000	73.258	17.981	166.978
28239.350	32611.041	20.536	22175.508	35.412
1.014	14.608			
1/6/2016 8:20:00 PM	555600.000	73.284	17.981	167.038
28253.113	32626.936	20.547	22186.318	35.394

1.014	14.608			
1/6/2016 8:25:00 PM	555900.000	73.281	17.981	167.029
28260.072	32634.971	20.552	22191.781	35.386
1.014	14.608			
1/6/2016 8:30:00 PM	556200.000	73.284	17.981	167.036
28240.242	32612.072	20.536	22176.211	35.410
1.014	14.608			
1/6/2016 8:35:00 PM	556500.000	73.284	17.981	167.037
28238.592	32610.166	20.535	22174.916	35.413
1.014	14.612			
1/6/2016 8:40:00 PM	556800.000	73.285	17.981	167.039
28252.219	32625.842	20.546	22185.574	35.395
1.014	14.616			
1/6/2016 8:45:00 PM	557100.000	73.284	17.981	167.038
28250.480	32623.895	20.545	22184.250	35.398
1.014	14.620			
1/6/2016 8:50:00 PM	557400.000	73.266	17.982	166.995
28262.898	32638.045	20.554	22193.873	35.382
1.014	14.618			
1/6/2016 8:55:00 PM	557700.000	73.292	17.981	167.054
28233.826	32604.602	20.531	22171.129	35.419
1.014	14.616			
1/6/2016 9:00:00 PM	558000.000	73.294	17.981	167.059
28235.928	32607.275	20.533	22172.949	35.416
1.014	14.614			
1/6/2016 9:05:00 PM	558300.000	73.295	17.981	167.063
28239.961	32611.813	20.536	22176.035	35.411
1.014	14.615			
1/6/2016 9:10:00 PM	558600.000	73.279	17.981	167.026
28245.053	32617.691	20.540	22180.033	35.404
1.014	14.615			
1/6/2016 9:15:00 PM	558900.000	73.301	17.981	167.075
28255.943	32630.203	20.549	22188.539	35.391
1.014	14.615			
1/6/2016 9:20:00 PM	559200.000	73.281	17.981	167.029
28251.055	32624.684	20.545	22184.785	35.397
1.014	14.616			
1/6/2016 9:25:00 PM	559500.000	73.298	17.982	167.069
28256.645	32630.887	20.549	22189.006	35.390
1.014	14.617			
1/6/2016 9:30:00 PM	559800.000	73.283	17.981	167.035
28241.082	32613.295	20.537	22177.043	35.409
1.014	14.618			
1/6/2016 9:35:00 PM	560100.000	73.303	17.981	167.080
28233.834	32604.857	20.531	22171.305	35.418
1.014	14.617			
1/6/2016 9:40:00 PM	560400.000	73.308	17.981	167.091
28242.611	32614.807	20.538	22178.070	35.407
1.014	14.617			
1/6/2016 9:45:00 PM	560700.000	73.309	17.981	167.093
28260.363	32635.494	20.553	22192.139	35.385
1.014	14.616			
1/6/2016 9:50:00 PM	561000.000	73.306	17.981	167.088
28268.959	32645.613	20.560	22199.018	35.374
1.014	14.618			
1/6/2016 9:55:00 PM	561300.000	73.302	17.981	167.079
28245.543	32618.258	20.541	22180.418	35.404
1.014	14.621			

1/6/2016 10:00:00 PM	561600.000	73.306	17.982	167.086
28242.777	32614.873	20.538	22178.113	35.407
1.014	14.623			
1/6/2016 10:05:00 PM	561900.000	73.288	17.981	167.045
28238.002	32609.424	20.534	22174.410	35.413
1.014	14.622			
1/6/2016 10:10:00 PM	562200.000	73.289	17.981	167.049
28240.014	32611.934	20.536	22176.117	35.411
1.014	14.621			
1/6/2016 10:15:00 PM	562500.000	73.308	17.982	167.090
28256.072	32630.162	20.549	22188.512	35.391
1.014	14.619			
1/6/2016 10:20:00 PM	562800.000	73.312	17.981	167.101
28240.451	32612.500	20.537	22176.500	35.410
1.014	14.623			
1/6/2016 10:25:00 PM	563100.000	73.307	17.982	167.089
28241.355	32613.232	20.537	22177.000	35.409
1.014	14.626			
1/6/2016 10:30:00 PM	563400.000	73.286	17.982	167.042
28249.682	32622.846	20.544	22183.537	35.399
1.014	14.629			
1/6/2016 10:35:00 PM	563700.000	73.315	17.982	167.107
28252.277	32625.717	20.546	22185.490	35.395
1.014	14.627			
1/6/2016 10:40:00 PM	564000.000	73.314	17.981	167.104
28233.010	32603.658	20.530	22170.490	35.420
1.014	14.625			
1/6/2016 10:45:00 PM	564300.000	73.302	17.982	167.079
28240.738	32612.453	20.537	22176.471	35.410
1.014	14.623			
1/6/2016 10:50:00 PM	564600.000	73.320	17.981	167.120
28223.061	32592.230	20.523	22162.719	35.432
1.014	14.626			
1/6/2016 10:55:00 PM	564900.000	73.298	17.982	167.068
28241.285	32613.021	20.537	22176.857	35.409
1.014	14.630			
1/6/2016 11:00:00 PM	565200.000	73.309	17.981	167.094
28246.402	32619.125	20.541	22181.008	35.403
1.014	14.634			
1/6/2016 11:05:00 PM	565500.000	73.289	17.981	167.049
28243.072	32615.279	20.539	22178.393	35.407
1.014	14.632			
1/6/2016 11:10:00 PM	565800.000	73.295	17.982	167.062
28241.371	32613.184	20.537	22176.965	35.409
1.014	14.630			
1/6/2016 11:15:00 PM	566100.000	73.319	17.981	167.117
28245.871	32618.512	20.541	22180.590	35.403
1.014	14.629			
1/6/2016 11:20:00 PM	566400.000	73.318	17.981	167.113
28244.846	32617.326	20.540	22179.783	35.405
1.014	14.629			
1/6/2016 11:25:00 PM	566700.000	73.321	17.981	167.121
28254.754	32628.770	20.548	22187.564	35.392
1.014	14.629			
1/6/2016 11:30:00 PM	567000.000	73.319	17.982	167.117
28236.895	32607.887	20.533	22173.365	35.415
1.014	14.629			

1/6/2016 11:35:00 PM	567300.000	73.317	17.982	167.113
28262.818	32638.018	20.554	22193.854	35.382
1.014	14.629			
1/6/2016 11:40:00 PM	567600.000	73.301	17.981	167.076
28257.197	32631.838	20.550	22189.652	35.389
1.014	14.629			
1/6/2016 11:45:00 PM	567900.000	73.316	17.981	167.110
28239.902	32611.619	20.536	22175.902	35.411
1.014	14.629			
1/6/2016 11:50:00 PM	568200.000	73.316	17.982	167.110
28238.617	32609.758	20.535	22174.635	35.412
1.014	14.630			
1/6/2016 11:55:00 PM	568500.000	73.322	17.981	167.124
28251.439	32625.002	20.545	22185.004	35.396
1.014	14.631			

Report Date: 1/11/2016 11:31:19 AM
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_2016-01-07_11-12-01-282-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2015 3:03:23 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:22:57 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time:
10/1/2015 3:05:00 PM	Stop Time: 10/8/2015 6:20:00 PM
10/15/2015 1:59:55 PM	Log Download - Used Battery: 23% Used Memory: 7% User Name: KMakar
10/22/2015 5:47:00 PM	Log Download - Used Battery: 24% Used Memory: 9% User Name: CShaw
10/29/2015 4:03:27 PM	Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start
Time: 10/13/2015 6:15:00 AM	Stop Time: 10/29/2015 4:05:00 PM
11/5/2015 3:02:35 PM	Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/5/2015 3:00:00 PM
11/12/2015 5:59:32 PM	Log Download - Used Battery: 26% Used Memory: 17% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/12/2015 6:00:00 PM
11/19/2015 3:59:34 PM	Log Download - Used Battery: 27% Used Memory: 20% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 4:00:00 PM
11/29/2015 10:36:51 AM	Log Download - Used Battery: 28% Used Memory: 23% User Name: CShaw Interval - Start
Time: 11/13/2015 1:00:00 AM	Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 11:43:48 AM	Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start
Time: 11/18/2015 7:00:00 AM	Stop Time: 12/3/2015 11:45:00 AM
12/10/2015 4:22:36 PM	Log Download - Used Battery: 29% Used Memory: 26% User Name: CShaw Interval - Start
Time: 10/13/2015 1:00:00 AM	Stop Time: 12/10/2015 4:20:00 PM
12/17/2015 1:23:10 PM	Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 1:30:00 PM
1/3/2016 2:47:58 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start
Time: 11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 3:45:00 PM
1/7/2016 11:09:53 AM	Log Download - Used Battery: 32% Used Memory: 35% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 11:10:00 AM
1/11/2016 11:27:40 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 2029

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	
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 000000			

Date and Time	Elapsed Time	Corrected	Corrected	Actual
Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
Resistivity (ohm-cm)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
	Water Density (g/cm3)	Barometric Pressure (PSI)		
12/31/2015 12:00:00 AM	2674800.000	12.082	17.641	27.539

7649.447	8900.500	5.019	6052.340	130.728
1.003	14.831			
12/31/2015 12:05:00 AM	2675100.000	12.082	17.641	27.538
7652.422	8903.928	5.021	6054.671	130.678
1.003	14.831			
12/31/2015 12:10:00 AM	2675400.000	12.082	17.641	27.539
7655.010	8907.005	5.023	6056.764	130.633
1.003	14.830			
12/31/2015 12:15:00 AM	2675700.000	12.083	17.641	27.542
7658.801	8911.437	5.025	6059.777	130.569
1.003	14.830			
12/31/2015 12:20:00 AM	2676000.000	12.085	17.640	27.545
7662.078	8915.353	5.028	6062.440	130.513
1.003	14.827			
12/31/2015 12:25:00 AM	2676300.000	12.088	17.640	27.553
7663.799	8917.319	5.029	6063.777	130.484
1.003	14.825			
12/31/2015 12:30:00 AM	2676600.000	12.091	17.640	27.560
7666.144	8919.997	5.030	6065.599	130.444
1.003	14.822			
12/31/2015 12:35:00 AM	2676900.000	12.090	17.640	27.557
7670.406	8924.973	5.033	6068.981	130.371
1.003	14.823			
12/31/2015 12:40:00 AM	2677200.000	12.089	17.640	27.555
7670.151	8924.694	5.033	6068.792	130.376
1.003	14.823			
12/31/2015 12:45:00 AM	2677500.000	12.090	17.640	27.556
7675.030	8930.353	5.037	6072.640	130.293
1.003	14.823			
12/31/2015 12:50:00 AM	2677800.000	12.090	17.640	27.557
7674.132	8929.309	5.036	6071.930	130.308
1.003	14.823			
12/31/2015 12:55:00 AM	2678100.000	12.092	17.640	27.561
7677.979	8933.768	5.039	6074.962	130.243
1.003	14.822			
12/31/2015 1:00:00 AM	2678400.000	12.092	17.640	27.561
7679.216	8935.207	5.040	6075.941	130.222
1.003	14.821			
12/31/2015 1:05:00 AM	2678700.000	12.089	17.641	27.556
7680.240	8936.382	5.040	6076.740	130.204
1.003	14.824			
12/31/2015 1:10:00 AM	2679000.000	12.087	17.640	27.549
7683.776	8940.600	5.043	6079.608	130.144
1.003	14.827			
12/31/2015 1:15:00 AM	2679300.000	12.082	17.641	27.540
7686.041	8943.079	5.044	6081.294	130.106
1.003	14.830			
12/31/2015 1:20:00 AM	2679600.000	12.085	17.641	27.545
7686.475	8943.602	5.045	6081.649	130.099
1.003	14.828			
12/31/2015 1:25:00 AM	2679900.000	12.087	17.641	27.550
7686.489	8943.653	5.045	6081.685	130.098
1.003	14.826			
12/31/2015 1:30:00 AM	2680200.000	12.090	17.640	27.557
7689.938	8947.732	5.047	6084.458	130.040
1.003	14.825			
12/31/2015 1:35:00 AM	2680500.000	12.088	17.641	27.551

7691.980	8950.007	5.049	6086.005	130.006
1.003	14.826			
12/31/2015 1:40:00 AM	2680800.000	12.088	17.640	27.552
7691.972	8950.084	5.049	6086.057	130.006
1.003	14.827			
12/31/2015 1:45:00 AM	2681100.000	12.088	17.641	27.553
7694.569	8953.055	5.050	6088.078	129.962
1.003	14.829			
12/31/2015 1:50:00 AM	2681400.000	12.089	17.641	27.555
7696.750	8955.522	5.052	6089.755	129.925
1.003	14.828			
12/31/2015 1:55:00 AM	2681700.000	12.089	17.641	27.555
7695.232	8953.773	5.051	6088.566	129.951
1.003	14.827			
12/31/2015 2:00:00 AM	2682000.000	12.091	17.640	27.560
7696.991	8955.959	5.052	6090.053	129.921
1.003	14.826			
12/31/2015 2:05:00 AM	2682300.000	12.091	17.641	27.560
7697.623	8956.555	5.052	6090.458	129.910
1.003	14.826			
12/31/2015 2:10:00 AM	2682600.000	12.092	17.640	27.562
7698.902	8958.199	5.053	6091.576	129.889
1.003	14.826			
12/31/2015 2:15:00 AM	2682900.000	12.093	17.640	27.564
7700.859	8960.425	5.055	6093.089	129.856
1.003	14.826			
12/31/2015 2:20:00 AM	2683200.000	12.092	17.640	27.561
7702.414	8962.249	5.056	6094.330	129.829
1.003	14.827			
12/31/2015 2:25:00 AM	2683500.000	12.092	17.640	27.561
7703.856	8964.017	5.057	6095.531	129.805
1.003	14.828			
12/31/2015 2:30:00 AM	2683800.000	12.092	17.641	27.562
7705.637	8965.912	5.058	6096.821	129.775
1.003	14.829			
12/31/2015 2:35:00 AM	2684100.000	12.090	17.641	27.558
7705.012	8965.101	5.058	6096.269	129.786
1.003	14.831			
12/31/2015 2:40:00 AM	2684400.000	12.089	17.641	27.554
7708.097	8968.795	5.060	6098.781	129.734
1.003	14.833			
12/31/2015 2:45:00 AM	2684700.000	12.086	17.640	27.549
7706.693	8967.335	5.059	6097.788	129.757
1.003	14.835			
12/31/2015 2:50:00 AM	2685000.000	12.089	17.641	27.554
7707.571	8968.130	5.060	6098.329	129.743
1.003	14.833			
12/31/2015 2:55:00 AM	2685300.000	12.092	17.640	27.562
7706.987	8967.537	5.059	6097.926	129.752
1.003	14.831			
12/31/2015 3:00:00 AM	2685600.000	12.093	17.640	27.565
7711.037	8972.283	5.062	6101.153	129.684
1.003	14.828			
12/31/2015 3:05:00 AM	2685900.000	12.093	17.641	27.564
7710.169	8971.206	5.061	6100.420	129.699
1.003	14.828			
12/31/2015 3:10:00 AM	2686200.000	12.093	17.640	27.563

7710.918	8972.164	5.062	6101.072	129.686
1.003	14.827			
12/31/2015 3:15:00 AM	2686500.000	12.094	17.640	27.565
7709.681	8970.777	5.061	6100.128	129.707
1.003	14.827			
12/31/2015 3:20:00 AM	2686800.000	12.095	17.641	27.567
7711.222	8972.361	5.062	6101.206	129.681
1.003	14.828			
12/31/2015 3:25:00 AM	2687100.000	12.093	17.640	27.563
7710.285	8971.531	5.062	6100.641	129.697
1.003	14.828			
12/31/2015 3:30:00 AM	2687400.000	12.093	17.641	27.564
7711.553	8972.781	5.062	6101.491	129.676
1.003	14.829			
12/31/2015 3:35:00 AM	2687700.000	12.092	17.641	27.561
7712.724	8974.179	5.063	6102.442	129.656
1.003	14.830			
12/31/2015 3:40:00 AM	2688000.000	12.092	17.640	27.561
7714.516	8976.331	5.064	6103.906	129.626
1.003	14.831			
12/31/2015 3:45:00 AM	2688300.000	12.091	17.640	27.559
7712.714	8974.219	5.063	6102.469	129.656
1.003	14.833			
12/31/2015 3:50:00 AM	2688600.000	12.092	17.640	27.561
7715.406	8977.423	5.065	6104.647	129.611
1.003	14.830			
12/31/2015 3:55:00 AM	2688900.000	12.094	17.640	27.565
7715.101	8976.996	5.065	6104.358	129.616
1.003	14.827			
12/31/2015 4:00:00 AM	2689200.000	12.097	17.640	27.572
7714.038	8975.760	5.064	6103.517	129.634
1.003	14.825			
12/31/2015 4:05:00 AM	2689500.000	12.095	17.640	27.568
7713.835	8975.523	5.064	6103.356	129.637
1.003	14.825			
12/31/2015 4:10:00 AM	2689800.000	12.093	17.640	27.564
7715.283	8977.190	5.065	6104.490	129.613
1.003	14.826			
12/31/2015 4:15:00 AM	2690100.000	12.095	17.640	27.568
7714.872	8976.781	5.065	6104.212	129.620
1.003	14.826			
12/31/2015 4:20:00 AM	2690400.000	12.096	17.640	27.570
7717.247	8979.545	5.066	6106.091	129.580
1.003	14.825			
12/31/2015 4:25:00 AM	2690700.000	12.098	17.640	27.575
7715.359	8977.312	5.065	6104.572	129.612
1.003	14.824			
12/31/2015 4:30:00 AM	2691000.000	12.099	17.641	27.577
7713.806	8975.385	5.064	6103.262	129.638
1.003	14.823			
12/31/2015 4:35:00 AM	2691300.000	12.099	17.640	27.576
7716.012	8978.143	5.066	6105.137	129.601
1.003	14.824			
12/31/2015 4:40:00 AM	2691600.000	12.099	17.641	27.576
7717.364	8979.543	5.066	6106.089	129.578
1.003	14.825			
12/31/2015 4:45:00 AM	2691900.000	12.097	17.640	27.572

7715.117	8977.066	5.065	6104.405	129.616
1.003	14.826			
12/31/2015 4:50:00 AM	2692200.000	12.097	17.641	27.573
7717.181	8979.330	5.066	6105.945	129.581
1.003	14.825			
12/31/2015 4:55:00 AM	2692500.000	12.099	17.640	27.577
7717.868	8980.372	5.067	6106.653	129.569
1.003	14.824			
12/31/2015 5:00:00 AM	2692800.000	12.099	17.641	27.578
7716.569	8978.617	5.066	6105.460	129.591
1.003	14.823			
12/31/2015 5:05:00 AM	2693100.000	12.098	17.640	27.576
7717.983	8980.350	5.067	6106.638	129.568
1.003	14.825			
12/31/2015 5:10:00 AM	2693400.000	12.097	17.640	27.573
7716.153	8978.221	5.066	6105.190	129.598
1.003	14.828			
12/31/2015 5:15:00 AM	2693700.000	12.095	17.640	27.569
7717.635	8979.980	5.067	6106.387	129.573
1.003	14.830			
12/31/2015 5:20:00 AM	2694000.000	12.095	17.640	27.568
7717.856	8980.202	5.067	6106.538	129.570
1.003	14.830			
12/31/2015 5:25:00 AM	2694300.000	12.095	17.640	27.569
7718.668	8981.129	5.067	6107.167	129.556
1.003	14.830			
12/31/2015 5:30:00 AM	2694600.000	12.097	17.640	27.572
7716.404	8978.584	5.066	6105.438	129.594
1.003	14.829			
12/31/2015 5:35:00 AM	2694900.000	12.099	17.640	27.578
7717.802	8980.261	5.067	6106.578	129.571
1.003	14.828			
12/31/2015 5:40:00 AM	2695200.000	12.100	17.641	27.580
7718.479	8980.788	5.067	6106.937	129.559
1.003	14.827			
12/31/2015 5:45:00 AM	2695500.000	12.100	17.641	27.580
7717.750	8980.027	5.067	6106.418	129.571
1.003	14.825			
12/31/2015 5:50:00 AM	2695800.000	12.102	17.641	27.585
7715.561	8977.459	5.065	6104.672	129.608
1.003	14.826			
12/31/2015 5:55:00 AM	2696100.000	12.101	17.641	27.582
7716.801	8978.888	5.066	6105.644	129.587
1.003	14.826			
12/31/2015 6:00:00 AM	2696400.000	12.100	17.640	27.579
7716.354	8978.560	5.066	6105.420	129.595
1.003	14.827			
12/31/2015 6:05:00 AM	2696700.000	12.102	17.640	27.585
7718.512	8980.946	5.067	6107.044	129.559
1.003	14.825			
12/31/2015 6:10:00 AM	2697000.000	12.104	17.640	27.588
7719.062	8981.620	5.068	6107.502	129.549
1.003	14.823			
12/31/2015 6:15:00 AM	2697300.000	12.106	17.640	27.593
7717.344	8979.588	5.066	6106.120	129.578
1.003	14.821			
12/31/2015 6:20:00 AM	2697600.000	12.102	17.641	27.585

7715.657	8977.557	5.065	6104.739	129.607
1.003	14.823			
12/31/2015 6:25:00 AM	2697900.000	12.100	17.640	27.580
7715.385	8977.379	5.065	6104.618	129.611
1.003	14.826			
12/31/2015 6:30:00 AM	2698200.000	12.098	17.640	27.575
7715.703	8977.836	5.065	6104.929	129.606
1.003	14.828			
12/31/2015 6:35:00 AM	2698500.000	12.101	17.640	27.583
7715.198	8977.124	5.065	6104.444	129.614
1.003	14.827			
12/31/2015 6:40:00 AM	2698800.000	12.103	17.640	27.586
7714.977	8976.903	5.065	6104.295	129.618
1.003	14.826			
12/31/2015 6:45:00 AM	2699100.000	12.104	17.640	27.589
7714.924	8976.842	5.065	6104.253	129.619
1.003	14.825			
12/31/2015 6:50:00 AM	2699400.000	12.107	17.640	27.595
7715.953	8977.987	5.065	6105.031	129.602
1.003	14.823			
12/31/2015 6:55:00 AM	2699700.000	12.110	17.640	27.602
7715.254	8977.246	5.065	6104.527	129.613
1.003	14.822			
12/31/2015 7:00:00 AM	2700000.000	12.110	17.640	27.602
7716.694	8978.901	5.066	6105.653	129.589
1.003	14.820			
12/31/2015 7:05:00 AM	2700300.000	12.106	17.640	27.594
7715.219	8977.099	5.065	6104.427	129.614
1.003	14.825			
12/31/2015 7:10:00 AM	2700600.000	12.103	17.641	27.585
7715.290	8977.145	5.065	6104.459	129.613
1.003	14.829			
12/31/2015 7:15:00 AM	2700900.000	12.091	17.640	27.558
7714.027	8975.852	5.064	6103.580	129.634
1.003	14.834			
12/31/2015 7:20:00 AM	2701200.000	12.098	17.641	27.575
7715.705	8977.612	5.065	6104.777	129.606
1.003	14.832			
12/31/2015 7:25:00 AM	2701500.000	12.101	17.641	27.581
7713.563	8975.135	5.064	6103.092	129.642
1.003	14.831			
12/31/2015 7:30:00 AM	2701800.000	12.103	17.640	27.586
7713.395	8975.046	5.064	6103.032	129.645
1.003	14.829			
12/31/2015 7:35:00 AM	2702100.000	12.105	17.641	27.590
7714.166	8975.821	5.064	6103.559	129.632
1.003	14.828			
12/31/2015 7:40:00 AM	2702400.000	12.105	17.640	27.591
7713.265	8974.876	5.064	6102.916	129.647
1.003	14.826			
12/31/2015 7:45:00 AM	2702700.000	12.109	17.640	27.599
7712.853	8974.415	5.063	6102.603	129.654
1.003	14.825			
12/31/2015 7:50:00 AM	2703000.000	12.107	17.640	27.595
7714.507	8976.341	5.064	6103.912	129.626
1.003	14.826			
12/31/2015 7:55:00 AM	2703300.000	12.106	17.640	27.592

7712.064	8973.515	5.063	6101.991	129.667
1.003	14.827			
12/31/2015 8:00:00 AM	2703600.000	12.104	17.640	27.590
7713.514	8975.237	5.064	6103.162	129.643
1.003	14.828			
12/31/2015 8:05:00 AM	2703900.000	12.105	17.640	27.590
7713.644	8975.282	5.064	6103.192	129.640
1.003	14.828			
12/31/2015 8:10:00 AM	2704200.000	12.106	17.640	27.592
7714.236	8976.128	5.064	6103.768	129.630
1.003	14.827			
12/31/2015 8:15:00 AM	2704500.000	12.109	17.640	27.601
7712.807	8974.309	5.063	6102.530	129.654
1.003	14.827			
12/31/2015 8:20:00 AM	2704800.000	12.112	17.640	27.607
7710.095	8971.171	5.061	6100.396	129.700
1.003	14.826			
12/31/2015 8:25:00 AM	2705100.000	12.114	17.640	27.611
7711.084	8972.444	5.062	6101.263	129.683
1.003	14.824			
12/31/2015 8:30:00 AM	2705400.000	12.116	17.641	27.616
7710.947	8972.111	5.062	6101.036	129.686
1.003	14.823			
12/31/2015 8:35:00 AM	2705700.000	12.113	17.640	27.610
7711.177	8972.445	5.062	6101.263	129.682
1.003	14.826			
12/31/2015 8:40:00 AM	2706000.000	12.110	17.639	27.602
7712.039	8973.606	5.063	6102.053	129.667
1.003	14.828			
12/31/2015 8:45:00 AM	2706300.000	12.109	17.640	27.600
7710.049	8971.205	5.061	6100.419	129.701
1.003	14.831			
12/31/2015 8:50:00 AM	2706600.000	12.107	17.641	27.596
7711.683	8972.968	5.062	6101.618	129.673
1.003	14.834			
12/31/2015 8:55:00 AM	2706900.000	12.106	17.640	27.594
7710.672	8971.843	5.062	6100.854	129.690
1.003	14.836			
12/31/2015 9:00:00 AM	2707200.000	12.103	17.640	27.586
7709.284	8970.243	5.061	6099.766	129.714
1.003	14.838			
12/31/2015 9:05:00 AM	2707500.000	12.107	17.639	27.595
7710.460	8971.770	5.062	6100.803	129.694
1.003	14.836			
12/31/2015 9:10:00 AM	2707800.000	12.109	17.640	27.600
7707.273	8967.853	5.059	6098.140	129.748
1.003	14.834			
12/31/2015 9:15:00 AM	2708100.000	12.112	17.640	27.607
7707.196	8967.763	5.059	6098.079	129.749
1.003	14.832			
12/31/2015 9:20:00 AM	2708400.000	12.113	17.640	27.609
7707.530	8968.273	5.060	6098.426	129.743
1.003	14.832			
12/31/2015 9:25:00 AM	2708700.000	12.114	17.641	27.611
7706.212	8966.549	5.059	6097.254	129.765
1.003	14.832			
12/31/2015 9:30:00 AM	2709000.000	12.114	17.640	27.611

7706.310	8966.782	5.059	6097.413	129.764
1.003	14.833			
12/31/2015 9:35:00 AM	2709300.000	12.111	17.641	27.605
7707.037	8967.562	5.059	6097.942	129.752
1.003	14.834			
12/31/2015 9:40:00 AM	2709600.000	12.109	17.640	27.599
7706.121	8966.599	5.059	6097.287	129.767
1.003	14.836			
12/31/2015 9:45:00 AM	2709900.000	12.109	17.640	27.600
7706.306	8966.813	5.059	6097.434	129.764
1.003	14.838			
12/31/2015 9:50:00 AM	2710200.000	12.108	17.640	27.597
7705.911	8966.284	5.058	6097.074	129.771
1.003	14.840			
12/31/2015 9:55:00 AM	2710500.000	12.105	17.640	27.590
7706.658	8967.260	5.059	6097.737	129.758
1.003	14.842			
12/31/2015 10:00:00 AM	0.000	12.104	17.641	27.590
7705.485	8965.736	5.058	6096.701	129.778
1.003	14.845			
12/31/2015 10:05:00 AM	300.000	12.107	17.641	27.596
7702.709	8962.421	5.056	6094.447	129.824
1.003	14.843			
12/31/2015 10:10:00 AM	600.000	12.105	17.640	27.592
7704.536	8964.703	5.057	6095.998	129.794
1.003	14.842			
12/31/2015 10:15:00 AM	900.000	12.110	17.640	27.602
7704.956	8965.243	5.058	6096.365	129.787
1.003	14.840			
12/31/2015 10:20:00 AM	1200.000	12.107	17.640	27.596
7705.158	8965.498	5.058	6096.539	129.783
1.003	14.842			
12/31/2015 10:25:00 AM	1500.000	12.108	17.641	27.597
7702.521	8962.307	5.056	6094.369	129.828
1.003	14.843			
12/31/2015 10:30:00 AM	1800.000	12.105	17.641	27.591
7703.000	8962.829	5.056	6094.724	129.820
1.003	14.844			
12/31/2015 10:35:00 AM	2100.000	12.107	17.640	27.596
7701.070	8960.706	5.055	6093.281	129.852
1.003	14.840			
12/31/2015 10:40:00 AM	2400.000	12.111	17.640	27.604
7701.063	8960.714	5.055	6093.286	129.852
1.003	14.837			
12/31/2015 10:45:00 AM	2700.000	12.114	17.640	27.611
7701.521	8961.229	5.055	6093.637	129.844
1.003	14.834			
12/31/2015 10:50:00 AM	3000.000	12.113	17.640	27.610
7702.048	8961.808	5.056	6094.029	129.836
1.003	14.833			
12/31/2015 10:55:00 AM	3300.000	12.114	17.640	27.611
7702.448	8962.431	5.056	6094.453	129.829
1.003	14.833			
12/31/2015 11:00:00 AM	3600.000	12.112	17.640	27.606
7700.202	8959.695	5.054	6092.593	129.867
1.003	14.832			
12/31/2015 11:05:00 AM	3900.000	12.113	17.640	27.609

7698.768	8957.991	5.053	6091.435	129.891
1.003	14.832			
12/31/2015 11:10:00 AM	4200.000	12.111	17.640	27.604
7700.320	8959.903	5.055	6092.735	129.865
1.003	14.833			
12/31/2015 11:15:00 AM	4500.000	12.110	17.641	27.602
7700.813	8960.233	5.055	6092.959	129.856
1.003	14.833			
12/31/2015 11:20:00 AM	4800.000	12.112	17.640	27.607
7699.962	8959.486	5.054	6092.451	129.871
1.003	14.831			
12/31/2015 11:25:00 AM	5100.000	12.114	17.640	27.612
7698.236	8957.495	5.053	6091.097	129.900
1.003	14.829			
12/31/2015 11:30:00 AM	5400.000	12.116	17.640	27.617
7699.509	8958.854	5.054	6092.021	129.878
1.003	14.827			
12/31/2015 11:35:00 AM	5700.000	12.116	17.639	27.615
7698.824	8958.302	5.054	6091.645	129.890
1.003	14.827			
12/31/2015 11:40:00 AM	6000.000	12.112	17.640	27.606
7695.598	8954.285	5.051	6088.915	129.944
1.003	14.828			
12/31/2015 11:45:00 AM	6300.000	12.112	17.640	27.606
7696.603	8955.544	5.052	6089.771	129.927
1.003	14.829			
12/31/2015 11:50:00 AM	6600.000	12.113	17.640	27.608
7695.523	8954.198	5.051	6088.855	129.946
1.003	14.826			
12/31/2015 11:55:00 AM	6900.000	12.115	17.640	27.613
7694.938	8953.534	5.051	6088.404	129.956
1.003	14.823			
12/31/2015 12:00:00 PM	7200.000	12.118	17.640	27.620
7695.131	8953.795	5.051	6088.581	129.952
1.003	14.820			
12/31/2015 12:05:00 PM	7500.000	12.116	17.640	27.616
7696.871	8955.836	5.052	6089.969	129.923
1.003	14.818			
12/31/2015 12:10:00 PM	7800.000	12.118	17.641	27.620
7694.125	8952.485	5.050	6087.690	129.969
1.003	14.815			
12/31/2015 12:15:00 PM	8100.000	12.119	17.640	27.622
7693.969	8952.390	5.050	6087.625	129.972
1.003	14.812			
12/31/2015 12:20:00 PM	8400.000	12.118	17.640	27.621
7696.102	8954.941	5.052	6089.361	129.936
1.003	14.812			
12/31/2015 12:25:00 PM	8700.000	12.117	17.641	27.618
7693.983	8952.338	5.050	6087.590	129.972
1.003	14.811			
12/31/2015 12:30:00 PM	9000.000	12.116	17.640	27.615
7695.884	8954.758	5.051	6089.236	129.940
1.003	14.810			
12/31/2015 12:35:00 PM	9300.000	12.121	17.640	27.627
7692.693	8951.027	5.049	6086.699	129.993
1.003	14.809			
12/31/2015 12:40:00 PM	9600.000	12.115	17.640	27.614

7693.655	8952.164	5.050	6087.472	129.977
1.003	14.808			
12/31/2015 12:45:00 PM	9900.000	12.116	17.639	27.615
7693.880	8952.530	5.050	6087.721	129.973
1.003	14.807			
12/31/2015 12:50:00 PM	10200.000	12.118	17.641	27.621
7692.685	8950.861	5.049	6086.586	129.994
1.003	14.804			
12/31/2015 12:55:00 PM	10500.000	12.122	17.640	27.630
7690.123	8947.947	5.047	6084.604	130.037
1.003	14.802			
12/31/2015 1:00:00 PM	10800.000	12.122	17.640	27.630
7691.554	8949.598	5.048	6085.727	130.013
1.003	14.799			
12/31/2015 1:05:00 PM	11100.000	12.120	17.640	27.625
7692.891	8951.188	5.049	6086.808	129.990
1.003	14.801			
12/31/2015 1:10:00 PM	11400.000	12.117	17.640	27.619
7690.581	8948.500	5.048	6084.980	130.029
1.003	14.803			
12/31/2015 1:15:00 PM	11700.000	12.114	17.640	27.613
7689.016	8946.749	5.047	6083.790	130.056
1.003	14.804			
12/31/2015 1:20:00 PM	12000.000	12.117	17.640	27.618
7690.195	8948.088	5.047	6084.700	130.036
1.003	14.803			
12/31/2015 1:25:00 PM	12300.000	12.117	17.640	27.619
7688.737	8946.372	5.046	6083.533	130.060
1.003	14.801			
12/31/2015 1:30:00 PM	12600.000	12.119	17.640	27.622
7690.351	8948.285	5.047	6084.834	130.033
1.003	14.799			
12/31/2015 1:35:00 PM	12900.000	12.119	17.641	27.622
7689.937	8947.664	5.047	6084.412	130.040
1.003	14.797			
12/31/2015 1:40:00 PM	13200.000	12.121	17.640	27.628
7689.781	8947.570	5.047	6084.348	130.043
1.003	14.795			
12/31/2015 1:45:00 PM	13500.000	12.123	17.639	27.632
7688.122	8945.813	5.046	6083.154	130.071
1.003	14.793			
12/31/2015 1:50:00 PM	13800.000	12.121	17.641	27.627
7689.202	8946.810	5.047	6083.831	130.053
1.003	14.793			
12/31/2015 1:55:00 PM	14100.000	12.119	17.640	27.623
7685.819	8942.961	5.044	6081.213	130.110
1.003	14.794			
12/31/2015 2:00:00 PM	14400.000	12.119	17.640	27.622
7687.108	8944.460	5.045	6082.233	130.088
1.003	14.794			
12/31/2015 2:05:00 PM	14700.000	12.120	17.640	27.624
7688.459	8946.118	5.046	6083.361	130.065
1.003	14.792			
12/31/2015 2:10:00 PM	15000.000	12.121	17.640	27.628
7686.284	8943.587	5.045	6081.639	130.102
1.003	14.791			
12/31/2015 2:15:00 PM	15300.000	12.121	17.640	27.628

7686.814	8944.065	5.045	6081.964	130.093
1.003	14.789			
12/31/2015 2:20:00 PM	15600.000	12.123	17.641	27.632
7685.248	8942.189	5.044	6080.689	130.119
1.003	14.788			
12/31/2015 2:25:00 PM	15900.000	12.123	17.640	27.632
7683.696	8940.541	5.043	6079.568	130.146
1.003	14.787			
12/31/2015 2:30:00 PM	16200.000	12.124	17.640	27.635
7684.687	8941.659	5.043	6080.329	130.129
1.003	14.786			
12/31/2015 2:35:00 PM	16500.000	12.123	17.641	27.633
7684.174	8940.925	5.043	6079.829	130.138
1.003	14.786			
12/31/2015 2:40:00 PM	16800.000	12.123	17.639	27.632
7683.005	8939.824	5.042	6079.081	130.157
1.003	14.787			
12/31/2015 2:45:00 PM	17100.000	12.122	17.640	27.631
7683.465	8940.237	5.043	6079.361	130.150
1.003	14.787			
12/31/2015 2:50:00 PM	17400.000	12.124	17.641	27.633
7682.997	8939.555	5.042	6078.898	130.158
1.003	14.787			
12/31/2015 2:55:00 PM	17700.000	12.122	17.640	27.631
7680.288	8936.610	5.040	6076.895	130.203
1.003	14.786			
12/31/2015 3:00:00 PM	18000.000	12.124	17.640	27.634
7682.456	8939.098	5.042	6078.586	130.167
1.003	14.785			
12/31/2015 3:05:00 PM	18300.000	12.122	17.640	27.631
7680.383	8936.635	5.040	6076.912	130.202
1.003	14.786			
12/31/2015 3:10:00 PM	18600.000	12.120	17.640	27.626
7678.709	8934.757	5.039	6075.635	130.230
1.003	14.786			
12/31/2015 3:15:00 PM	18900.000	12.121	17.640	27.627
7677.963	8933.766	5.039	6074.961	130.243
1.003	14.787			
12/31/2015 3:20:00 PM	19200.000	12.120	17.640	27.626
7679.169	8935.202	5.040	6075.938	130.222
1.003	14.786			
12/31/2015 3:25:00 PM	19500.000	12.121	17.639	27.628
7677.503	8933.526	5.039	6074.798	130.251
1.003	14.786			
12/31/2015 3:30:00 PM	19800.000	12.121	17.640	27.628
7677.242	8932.927	5.038	6074.391	130.255
1.003	14.785			
12/31/2015 3:35:00 PM	20100.000	12.121	17.639	27.628
7678.741	8934.882	5.039	6075.720	130.230
1.003	14.786			
12/31/2015 3:40:00 PM	20400.000	12.118	17.640	27.620
7677.075	8932.716	5.038	6074.247	130.258
1.003	14.787			
12/31/2015 3:45:00 PM	20700.000	12.117	17.640	27.617
7677.170	8932.896	5.038	6074.370	130.256
1.003	14.788			
12/31/2015 3:50:00 PM	21000.000	12.122	17.640	27.630

7677.431	8933.147	5.038	6074.541	130.252
1.003	14.784			
12/31/2015 3:55:00 PM	21300.000	12.126	17.639	27.640
7674.525	8929.993	5.036	6072.396	130.301
1.003	14.780			
12/31/2015 4:00:00 PM	21600.000	12.131	17.640	27.650
7677.006	8932.758	5.038	6074.275	130.259
1.003	14.776			
12/31/2015 4:05:00 PM	21900.000	12.128	17.640	27.644
7675.635	8931.196	5.037	6073.213	130.282
1.003	14.779			
12/31/2015 4:10:00 PM	22200.000	12.124	17.640	27.635
7676.804	8932.400	5.038	6074.032	130.263
1.003	14.782			
12/31/2015 4:15:00 PM	22500.000	12.123	17.640	27.632
7674.548	8929.793	5.036	6072.259	130.301
1.003	14.785			
12/31/2015 4:20:00 PM	22800.000	12.125	17.639	27.636
7674.469	8929.928	5.036	6072.352	130.302
1.003	14.783			
12/31/2015 4:25:00 PM	23100.000	12.126	17.640	27.640
7671.744	8926.599	5.034	6070.087	130.348
1.003	14.782			
12/31/2015 4:30:00 PM	23400.000	12.128	17.640	27.644
7673.657	8928.845	5.036	6071.615	130.316
1.003	14.781			
12/31/2015 4:35:00 PM	23700.000	12.128	17.641	27.644
7672.021	8926.799	5.034	6070.223	130.344
1.003	14.782			
12/31/2015 4:40:00 PM	24000.000	12.126	17.640	27.638
7671.495	8926.309	5.034	6069.891	130.353
1.003	14.783			
12/31/2015 4:45:00 PM	24300.000	12.125	17.641	27.636
7672.641	8927.521	5.035	6070.714	130.333
1.003	14.785			
12/31/2015 4:50:00 PM	24600.000	12.127	17.640	27.641
7670.920	8925.693	5.034	6069.472	130.362
1.003	14.785			
12/31/2015 4:55:00 PM	24900.000	12.126	17.639	27.639
7671.768	8926.768	5.034	6070.202	130.348
1.003	14.785			
12/31/2015 5:00:00 PM	25200.000	12.126	17.640	27.639
7668.731	8923.164	5.032	6067.752	130.400
1.003	14.786			
12/31/2015 5:05:00 PM	25500.000	12.127	17.641	27.642
7669.092	8923.410	5.032	6067.919	130.394
1.003	14.785			
12/31/2015 5:10:00 PM	25800.000	12.127	17.640	27.641
7667.949	8922.184	5.032	6067.085	130.413
1.003	14.784			
12/31/2015 5:15:00 PM	26100.000	12.128	17.640	27.644
7669.029	8923.439	5.032	6067.939	130.395
1.003	14.783			
12/31/2015 5:20:00 PM	26400.000	12.129	17.640	27.646
7668.664	8923.102	5.032	6067.709	130.401
1.003	14.784			
12/31/2015 5:25:00 PM	26700.000	12.129	17.640	27.647

7669.067	8923.570	5.033	6068.028	130.394
1.003	14.784			
12/31/2015 5:30:00 PM	27000.000	12.130	17.640	27.648
7667.854	8922.058	5.032	6067.000	130.415
1.003	14.785			
12/31/2015 5:35:00 PM	27300.000	12.129	17.640	27.646
7666.989	8921.086	5.031	6066.338	130.429
1.003	14.787			
12/31/2015 5:40:00 PM	27600.000	12.127	17.640	27.641
7666.109	8920.112	5.030	6065.677	130.444
1.003	14.789			
12/31/2015 5:45:00 PM	27900.000	12.124	17.640	27.635
7665.737	8919.609	5.030	6065.335	130.451
1.003	14.791			
12/31/2015 5:50:00 PM	28200.000	12.124	17.640	27.635
7665.570	8919.346	5.030	6065.155	130.453
1.003	14.791			
12/31/2015 5:55:00 PM	28500.000	12.126	17.640	27.639
7663.888	8917.478	5.029	6063.885	130.482
1.003	14.791			
12/31/2015 6:00:00 PM	28800.000	12.126	17.640	27.639
7665.688	8919.657	5.030	6065.368	130.451
1.003	14.792			
12/31/2015 6:05:00 PM	29100.000	12.125	17.641	27.637
7662.758	8916.040	5.028	6062.908	130.501
1.003	14.792			
12/31/2015 6:10:00 PM	29400.000	12.125	17.640	27.637
7663.609	8917.153	5.029	6063.665	130.487
1.003	14.792			
12/31/2015 6:15:00 PM	29700.000	12.125	17.640	27.636
7663.598	8917.051	5.029	6063.595	130.487
1.003	14.792			
12/31/2015 6:20:00 PM	30000.000	12.127	17.640	27.640
7664.791	8918.422	5.029	6064.527	130.467
1.003	14.791			
12/31/2015 6:25:00 PM	30300.000	12.127	17.640	27.642
7662.755	8916.227	5.028	6063.035	130.501
1.003	14.790			
12/31/2015 6:30:00 PM	30600.000	12.129	17.639	27.646
7661.999	8915.381	5.028	6062.459	130.514
1.003	14.789			
12/31/2015 6:35:00 PM	30900.000	12.131	17.640	27.651
7662.361	8915.665	5.028	6062.652	130.508
1.003	14.788			
12/31/2015 6:40:00 PM	31200.000	12.133	17.639	27.655
7661.764	8915.128	5.027	6062.287	130.518
1.003	14.786			
12/31/2015 6:45:00 PM	31500.000	12.134	17.640	27.657
7660.866	8913.995	5.027	6061.517	130.534
1.003	14.785			
12/31/2015 6:50:00 PM	31800.000	12.131	17.640	27.650
7660.411	8913.326	5.026	6061.063	130.541
1.003	14.788			
12/31/2015 6:55:00 PM	32100.000	12.129	17.640	27.646
7659.200	8912.022	5.026	6060.175	130.562
1.003	14.791			
12/31/2015 7:00:00 PM	32400.000	12.127	17.640	27.640

7660.803	8913.868	5.027	6061.431	130.535
1.003	14.794			
12/31/2015 7:05:00 PM	32700.000	12.127	17.640	27.641
7659.957	8912.988	5.026	6060.833	130.549
1.003	14.793			
12/31/2015 7:10:00 PM	33000.000	12.128	17.640	27.644
7658.900	8911.689	5.025	6059.949	130.567
1.003	14.793			
12/31/2015 7:15:00 PM	33300.000	12.131	17.640	27.649
7660.054	8913.083	5.026	6060.897	130.547
1.003	14.792			
12/31/2015 7:20:00 PM	33600.000	12.129	17.640	27.645
7658.966	8911.715	5.025	6059.967	130.566
1.003	14.793			
12/31/2015 7:25:00 PM	33900.000	12.128	17.640	27.643
7658.709	8911.537	5.025	6059.845	130.570
1.003	14.794			
12/31/2015 7:30:00 PM	34200.000	12.128	17.640	27.643
7658.976	8911.706	5.025	6059.960	130.566
1.003	14.794			
12/31/2015 7:35:00 PM	34500.000	12.130	17.640	27.648
7658.616	8911.410	5.025	6059.759	130.572
1.003	14.793			
12/31/2015 7:40:00 PM	34800.000	12.131	17.641	27.650
7659.484	8912.196	5.026	6060.293	130.557
1.003	14.793			
12/31/2015 7:45:00 PM	35100.000	12.131	17.640	27.651
7656.881	8909.254	5.024	6058.293	130.601
1.003	14.792			
12/31/2015 7:50:00 PM	35400.000	12.129	17.640	27.647
7658.053	8910.633	5.025	6059.231	130.581
1.003	14.794			
12/31/2015 7:55:00 PM	35700.000	12.128	17.640	27.644
7657.030	8909.514	5.024	6058.469	130.599
1.003	14.797			
12/31/2015 8:00:00 PM	36000.000	12.127	17.640	27.641
7655.250	8907.338	5.023	6056.990	130.629
1.003	14.799			
12/31/2015 8:05:00 PM	36300.000	12.129	17.640	27.645
7656.748	8909.220	5.024	6058.270	130.604
1.003	14.797			
12/31/2015 8:10:00 PM	36600.000	12.131	17.640	27.650
7657.841	8910.370	5.025	6059.052	130.585
1.003	14.795			
12/31/2015 8:15:00 PM	36900.000	12.131	17.640	27.651
7657.270	8909.706	5.024	6058.601	130.595
1.003	14.793			
12/31/2015 8:20:00 PM	37200.000	12.131	17.639	27.651
7654.074	8906.231	5.022	6056.238	130.649
1.003	14.793			
12/31/2015 8:25:00 PM	37500.000	12.132	17.640	27.652
7656.247	8908.567	5.023	6057.826	130.612
1.003	14.793			
12/31/2015 8:30:00 PM	37800.000	12.131	17.640	27.651
7654.820	8906.821	5.022	6056.639	130.637
1.003	14.793			
12/31/2015 8:35:00 PM	38100.000	12.132	17.641	27.652

7654.451	8906.354	5.022	6056.322	130.643
1.003	14.793			
12/31/2015 8:40:00 PM	38400.000	12.133	17.640	27.655
7654.901	8906.932	5.022	6056.713	130.635
1.003	14.794			
12/31/2015 8:45:00 PM	38700.000	12.131	17.640	27.651
7654.830	8906.953	5.022	6056.729	130.636
1.003	14.794			
12/31/2015 8:50:00 PM	39000.000	12.133	17.640	27.655
7653.383	8905.234	5.021	6055.560	130.661
1.003	14.792			
12/31/2015 8:55:00 PM	39300.000	12.133	17.640	27.655
7653.277	8905.061	5.021	6055.442	130.663
1.003	14.791			
12/31/2015 9:00:00 PM	39600.000	12.134	17.641	27.657
7653.109	8904.794	5.021	6055.260	130.666
1.003	14.790			
12/31/2015 9:05:00 PM	39900.000	12.133	17.640	27.654
7654.490	8906.576	5.022	6056.472	130.642
1.003	14.790			
12/31/2015 9:10:00 PM	40200.000	12.134	17.639	27.658
7652.304	8904.153	5.021	6054.824	130.680
1.003	14.791			
12/31/2015 9:15:00 PM	40500.000	12.133	17.639	27.654
7653.936	8906.019	5.022	6056.093	130.652
1.003	14.791			
12/31/2015 9:20:00 PM	40800.000	12.130	17.640	27.649
7653.507	8905.379	5.022	6055.658	130.659
1.003	14.792			
12/31/2015 9:25:00 PM	41100.000	12.131	17.640	27.650
7652.249	8903.969	5.021	6054.699	130.681
1.003	14.793			
12/31/2015 9:30:00 PM	41400.000	12.129	17.640	27.646
7652.115	8903.760	5.021	6054.557	130.683
1.003	14.794			
12/31/2015 9:35:00 PM	41700.000	12.131	17.640	27.649
7653.075	8904.896	5.021	6055.330	130.666
1.003	14.791			
12/31/2015 9:40:00 PM	42000.000	12.134	17.641	27.658
7651.558	8902.988	5.020	6054.032	130.692
1.003	14.789			
12/31/2015 9:45:00 PM	42300.000	12.136	17.639	27.661
7651.982	8903.746	5.021	6054.548	130.685
1.003	14.786			
12/31/2015 9:50:00 PM	42600.000	12.135	17.640	27.659
7651.848	8903.397	5.020	6054.311	130.687
1.003	14.788			
12/31/2015 9:55:00 PM	42900.000	12.131	17.640	27.650
7649.157	8900.282	5.018	6052.192	130.733
1.003	14.791			
12/31/2015 10:00:00 PM	43200.000	12.129	17.640	27.645
7649.862	8901.121	5.019	6052.763	130.721
1.003	14.793			
12/31/2015 10:05:00 PM	43500.000	12.129	17.640	27.645
7651.469	8902.922	5.020	6053.987	130.694
1.003	14.793			
12/31/2015 10:10:00 PM	43800.000	12.129	17.640	27.645

7652.229	8903.823	5.021	6054.600	130.681
1.003	14.793			
12/31/2015 10:15:00 PM	44100.000	12.128	17.640	27.644
7649.576	8900.840	5.019	6052.572	130.726
1.003	14.793			
12/31/2015 10:20:00 PM	44400.000	12.131	17.640	27.651
7650.770	8902.247	5.020	6053.528	130.706
1.003	14.791			
12/31/2015 10:25:00 PM	44700.000	12.132	17.639	27.652
7649.314	8900.622	5.019	6052.423	130.731
1.003	14.789			
12/31/2015 10:30:00 PM	45000.000	12.135	17.641	27.661
7649.042	8900.062	5.018	6052.042	130.735
1.003	14.788			
12/31/2015 10:35:00 PM	45300.000	12.137	17.640	27.665
7649.418	8900.553	5.019	6052.376	130.729
1.003	14.787			
12/31/2015 10:40:00 PM	45600.000	12.137	17.640	27.663
7647.449	8898.384	5.017	6050.901	130.763
1.002	14.786			
12/31/2015 10:45:00 PM	45900.000	12.136	17.639	27.662
7648.777	8900.032	5.018	6052.022	130.740
1.003	14.786			
12/31/2015 10:50:00 PM	46200.000	12.135	17.640	27.661
7646.430	8897.230	5.017	6050.117	130.780
1.002	14.787			
12/31/2015 10:55:00 PM	46500.000	12.132	17.640	27.652
7647.732	8898.660	5.017	6051.089	130.758
1.002	14.789			
12/31/2015 11:00:00 PM	46800.000	12.130	17.639	27.647
7646.666	8897.662	5.017	6050.410	130.776
1.002	14.791			
12/31/2015 11:05:00 PM	47100.000	12.132	17.640	27.652
7649.109	8900.282	5.018	6052.192	130.734
1.003	14.788			
12/31/2015 11:10:00 PM	47400.000	12.132	17.640	27.653
7646.057	8896.746	5.016	6049.788	130.786
1.002	14.786			
12/31/2015 11:15:00 PM	47700.000	12.134	17.640	27.658
7645.372	8896.018	5.016	6049.292	130.798
1.002	14.784			
12/31/2015 11:20:00 PM	48000.000	12.135	17.640	27.660
7645.451	8896.075	5.016	6049.331	130.797
1.002	14.784			
12/31/2015 11:25:00 PM	48300.000	12.134	17.640	27.658
7645.118	8895.653	5.016	6049.044	130.802
1.002	14.784			
12/31/2015 11:30:00 PM	48600.000	12.135	17.640	27.658
7647.116	8898.047	5.017	6050.672	130.768
1.002	14.783			
12/31/2015 11:35:00 PM	48900.000	12.137	17.640	27.663
7646.283	8896.958	5.016	6049.932	130.783
1.002	14.782			
12/31/2015 11:40:00 PM	49200.000	12.133	17.640	27.654
7646.179	8896.957	5.016	6049.931	130.784
1.002	14.781			
12/31/2015 11:45:00 PM	49500.000	12.137	17.640	27.665

7644.884	8895.449	5.016	6048.906	130.806
1.002	14.780			
12/31/2015 11:50:00 PM	49800.000	12.136	17.640	27.662
7647.104	8897.877	5.017	6050.557	130.768
1.002	14.781			
12/31/2015 11:55:00 PM	50100.000	12.136	17.639	27.663
7646.904	8897.854	5.017	6050.541	130.772
1.002	14.781			
1/1/2016 12:00:00 AM	50400.000	12.135	17.640	27.660
7646.726	8897.509	5.017	6050.306	130.775
1.002	14.782			
1/1/2016 12:05:00 AM	50700.000	12.137	17.640	27.664
7646.464	8897.098	5.017	6050.026	130.779
1.002	14.780			
1/1/2016 12:10:00 AM	51000.000	12.139	17.640	27.668
7644.364	8894.704	5.015	6048.399	130.815
1.002	14.779			
1/1/2016 12:15:00 AM	51300.000	12.140	17.639	27.671
7644.896	8895.517	5.016	6048.952	130.806
1.002	14.777			
1/1/2016 12:20:00 AM	51600.000	12.142	17.640	27.674
7646.462	8897.286	5.017	6050.155	130.779
1.002	14.776			
1/1/2016 12:25:00 AM	51900.000	12.143	17.640	27.677
7645.179	8895.638	5.016	6049.034	130.801
1.002	14.774			
1/1/2016 12:30:00 AM	52200.000	12.145	17.639	27.681
7645.248	8895.976	5.016	6049.264	130.800
1.002	14.773			
1/1/2016 12:35:00 AM	52500.000	12.143	17.640	27.678
7645.974	8896.598	5.016	6049.687	130.788
1.002	14.774			
1/1/2016 12:40:00 AM	52800.000	12.141	17.641	27.674
7644.823	8895.172	5.015	6048.717	130.807
1.002	14.775			
1/1/2016 12:45:00 AM	53100.000	12.138	17.639	27.666
7644.754	8895.335	5.015	6048.828	130.809
1.002	14.776			
1/1/2016 12:50:00 AM	53400.000	12.139	17.640	27.668
7644.107	8894.546	5.015	6048.292	130.820
1.002	14.776			
1/1/2016 12:55:00 AM	53700.000	12.137	17.639	27.664
7645.497	8896.316	5.016	6049.495	130.796
1.002	14.775			
1/1/2016 1:00:00 AM	54000.000	12.136	17.641	27.663
7644.562	8894.868	5.015	6048.511	130.812
1.002	14.775			
1/1/2016 1:05:00 AM	54300.000	12.136	17.641	27.662
7643.406	8893.489	5.014	6047.573	130.832
1.002	14.776			
1/1/2016 1:10:00 AM	54600.000	12.136	17.639	27.661
7644.742	8895.354	5.015	6048.841	130.809
1.002	14.777			
1/1/2016 1:15:00 AM	54900.000	12.134	17.641	27.657
7645.484	8895.941	5.016	6049.241	130.796
1.002	14.778			
1/1/2016 1:20:00 AM	55200.000	12.138	17.640	27.666

7643.863	8894.262	5.015	6048.099	130.824
1.002	14.776			
1/1/2016 1:25:00 AM	55500.000	12.140	17.640	27.670
7644.512	8894.896	5.015	6048.530	130.813
1.002	14.774			
1/1/2016 1:30:00 AM	55800.000	12.142	17.640	27.675
7642.458	8892.558	5.014	6046.940	130.848
1.002	14.772			
1/1/2016 1:35:00 AM	56100.000	12.143	17.640	27.678
7644.414	8894.782	5.015	6048.452	130.814
1.002	14.773			
1/1/2016 1:40:00 AM	56400.000	12.141	17.640	27.672
7642.937	8893.166	5.014	6047.353	130.840
1.002	14.773			
1/1/2016 1:45:00 AM	56700.000	12.141	17.640	27.673
7644.328	8894.769	5.015	6048.443	130.816
1.002	14.774			
1/1/2016 1:50:00 AM	57000.000	12.139	17.641	27.669
7644.067	8894.172	5.015	6048.038	130.820
1.002	14.775			
1/1/2016 1:55:00 AM	57300.000	12.138	17.640	27.666
7644.511	8894.825	5.015	6048.481	130.813
1.002	14.776			
1/1/2016 2:00:00 AM	57600.000	12.137	17.640	27.665
7643.541	8893.731	5.014	6047.738	130.829
1.002	14.778			
1/1/2016 2:05:00 AM	57900.000	12.138	17.640	27.666
7642.782	8893.004	5.014	6047.243	130.842
1.002	14.778			
1/1/2016 2:10:00 AM	58200.000	12.138	17.640	27.666
7644.247	8894.588	5.015	6048.320	130.817
1.002	14.779			
1/1/2016 2:15:00 AM	58500.000	12.137	17.640	27.663
7643.125	8893.369	5.014	6047.492	130.837
1.002	14.779			
1/1/2016 2:20:00 AM	58800.000	12.138	17.641	27.667
7641.443	8891.239	5.013	6046.043	130.865
1.002	14.780			
1/1/2016 2:25:00 AM	59100.000	12.136	17.640	27.662
7641.066	8891.008	5.013	6045.886	130.872
1.002	14.780			
1/1/2016 2:30:00 AM	59400.000	12.137	17.639	27.663
7641.990	8892.099	5.013	6046.627	130.856
1.002	14.780			
1/1/2016 2:35:00 AM	59700.000	12.139	17.640	27.669
7638.829	8888.283	5.011	6044.033	130.910
1.002	14.778			
1/1/2016 2:40:00 AM	60000.000	12.142	17.640	27.676
7643.203	8893.374	5.014	6047.495	130.835
1.002	14.776			
1/1/2016 2:45:00 AM	60300.000	12.145	17.640	27.682
7641.747	8891.766	5.013	6046.401	130.860
1.002	14.774			
1/1/2016 2:50:00 AM	60600.000	12.145	17.640	27.682
7638.659	8888.155	5.011	6043.946	130.913
1.002	14.774			
1/1/2016 2:55:00 AM	60900.000	12.144	17.641	27.680

7640.067	8889.638	5.012	6044.954	130.889
1.002	14.774			
1/1/2016 3:00:00 AM	61200.000	12.146	17.640	27.685
7640.003	8889.581	5.012	6044.915	130.890
1.002	14.773			
1/1/2016 3:05:00 AM	61500.000	12.145	17.640	27.681
7641.689	8891.628	5.013	6046.308	130.861
1.002	14.774			
1/1/2016 3:10:00 AM	61800.000	12.142	17.640	27.676
7637.543	8886.823	5.010	6043.040	130.932
1.002	14.776			
1/1/2016 3:15:00 AM	62100.000	12.141	17.640	27.672
7638.650	8888.022	5.011	6043.855	130.913
1.002	14.777			
1/1/2016 3:20:00 AM	62400.000	12.141	17.640	27.673
7638.241	8887.669	5.011	6043.615	130.920
1.002	14.777			
1/1/2016 3:25:00 AM	62700.000	12.139	17.640	27.668
7639.846	8889.536	5.012	6044.885	130.893
1.002	14.777			
1/1/2016 3:30:00 AM	63000.000	12.138	17.641	27.666
7638.126	8887.380	5.011	6043.419	130.922
1.002	14.777			
1/1/2016 3:35:00 AM	63300.000	12.139	17.640	27.667
7637.427	8886.600	5.010	6042.888	130.934
1.002	14.777			
1/1/2016 3:40:00 AM	63600.000	12.139	17.640	27.667
7637.767	8887.134	5.010	6043.251	130.928
1.002	14.776			
1/1/2016 3:45:00 AM	63900.000	12.138	17.641	27.667
7638.344	8887.633	5.011	6043.590	130.918
1.002	14.776			
1/1/2016 3:50:00 AM	64200.000	12.138	17.639	27.666
7637.774	8887.230	5.011	6043.317	130.928
1.002	14.775			
1/1/2016 3:55:00 AM	64500.000	12.140	17.640	27.670
7638.857	8888.353	5.011	6044.080	130.910
1.002	14.774			
1/1/2016 4:00:00 AM	64800.000	12.140	17.640	27.671
7639.153	8888.712	5.011	6044.324	130.905
1.002	14.773			
1/1/2016 4:05:00 AM	65100.000	12.140	17.640	27.671
7636.007	8884.931	5.009	6041.753	130.958
1.002	14.773			
1/1/2016 4:10:00 AM	65400.000	12.141	17.640	27.673
7637.196	8886.364	5.010	6042.728	130.938
1.002	14.773			
1/1/2016 4:15:00 AM	65700.000	12.141	17.639	27.674
7635.790	8884.989	5.009	6041.793	130.962
1.002	14.773			
1/1/2016 4:20:00 AM	66000.000	12.142	17.640	27.675
7636.641	8885.737	5.010	6042.302	130.948
1.002	14.772			
1/1/2016 4:25:00 AM	66300.000	12.141	17.640	27.673
7637.419	8886.765	5.010	6043.000	130.934
1.002	14.771			
1/1/2016 4:30:00 AM	66600.000	12.141	17.640	27.674

7635.726	8884.673	5.009	6041.578	130.963
1.002	14.770			
1/1/2016 4:35:00 AM	66900.000	12.141	17.640	27.673
7635.746	8884.748	5.009	6041.629	130.963
1.002	14.770			
1/1/2016 4:40:00 AM	67200.000	12.141	17.640	27.674
7638.173	8887.572	5.011	6043.549	130.921
1.002	14.769			
1/1/2016 4:45:00 AM	67500.000	12.141	17.640	27.673
7635.695	8884.654	5.009	6041.565	130.964
1.002	14.768			
1/1/2016 4:50:00 AM	67800.000	12.145	17.639	27.683
7636.884	8886.157	5.010	6042.587	130.943
1.002	14.767			
1/1/2016 4:55:00 AM	68100.000	12.147	17.639	27.686
7634.833	8883.792	5.008	6040.979	130.979
1.002	14.767			
1/1/2016 5:00:00 AM	68400.000	12.149	17.639	27.691
7636.188	8885.367	5.009	6042.050	130.955
1.002	14.766			
1/1/2016 5:05:00 AM	68700.000	12.146	17.640	27.685
7635.782	8884.774	5.009	6041.647	130.962
1.002	14.768			
1/1/2016 5:10:00 AM	69000.000	12.145	17.639	27.682
7634.275	8883.159	5.008	6040.549	130.988
1.002	14.770			
1/1/2016 5:15:00 AM	69300.000	12.144	17.640	27.680
7635.243	8884.076	5.009	6041.172	130.972
1.002	14.772			
1/1/2016 5:20:00 AM	69600.000	12.144	17.640	27.680
7634.106	8882.824	5.008	6040.320	130.991
1.002	14.773			
1/1/2016 5:25:00 AM	69900.000	12.142	17.640	27.676
7636.059	8885.062	5.009	6041.842	130.958
1.002	14.775			
1/1/2016 5:30:00 AM	70200.000	12.140	17.639	27.672
7635.352	8884.411	5.009	6041.399	130.970
1.002	14.776			
1/1/2016 5:35:00 AM	70500.000	12.142	17.640	27.676
7637.103	8886.396	5.010	6042.750	130.940
1.002	14.776			
1/1/2016 5:40:00 AM	70800.000	12.143	17.640	27.678
7635.821	8884.784	5.009	6041.654	130.962
1.002	14.775			
1/1/2016 5:45:00 AM	71100.000	12.148	17.639	27.689
7636.934	8886.216	5.010	6042.627	130.943
1.002	14.774			
1/1/2016 5:50:00 AM	71400.000	12.144	17.639	27.680
7636.286	8885.533	5.010	6042.163	130.954
1.002	14.775			
1/1/2016 5:55:00 AM	71700.000	12.147	17.640	27.687
7634.324	8883.022	5.008	6040.456	130.987
1.002	14.776			
1/1/2016 6:00:00 AM	72000.000	12.143	17.641	27.678
7633.667	8882.139	5.007	6039.855	130.999
1.002	14.778			
1/1/2016 6:05:00 AM	72300.000	12.145	17.640	27.682

7634.362	8883.188	5.008	6040.569	130.987
1.002	14.777			
1/1/2016 6:10:00 AM	72600.000	12.145	17.639	27.683
7634.551	8883.496	5.008	6040.778	130.983
1.002	14.777			
1/1/2016 6:15:00 AM	72900.000	12.147	17.640	27.686
7635.789	8884.747	5.009	6041.628	130.962
1.002	14.776			
1/1/2016 6:20:00 AM	73200.000	12.144	17.641	27.680
7634.057	8882.646	5.008	6040.199	130.992
1.002	14.778			
1/1/2016 6:25:00 AM	73500.000	12.145	17.639	27.683
7635.395	8884.444	5.009	6041.423	130.969
1.002	14.781			
1/1/2016 6:30:00 AM	73800.000	12.145	17.640	27.682
7633.277	8881.893	5.007	6039.687	131.005
1.002	14.783			
1/1/2016 6:35:00 AM	74100.000	12.143	17.640	27.677
7632.846	8881.408	5.007	6039.357	131.013
1.002	14.784			
1/1/2016 6:40:00 AM	74400.000	12.141	17.640	27.674
7633.337	8881.895	5.007	6039.688	131.004
1.002	14.785			
1/1/2016 6:45:00 AM	74700.000	12.142	17.640	27.676
7632.507	8880.875	5.007	6038.995	131.019
1.002	14.786			
1/1/2016 6:50:00 AM	75000.000	12.145	17.641	27.682
7633.779	8882.287	5.008	6039.955	130.997
1.002	14.784			
1/1/2016 6:55:00 AM	75300.000	12.145	17.639	27.683
7632.977	8881.665	5.007	6039.533	131.010
1.002	14.783			
1/1/2016 7:00:00 AM	75600.000	12.148	17.639	27.690
7631.980	8880.472	5.006	6038.721	131.028
1.002	14.781			
1/1/2016 7:05:00 AM	75900.000	12.148	17.640	27.689
7630.559	8878.642	5.005	6037.477	131.052
1.002	14.782			
1/1/2016 7:10:00 AM	76200.000	12.147	17.639	27.686
7632.344	8880.945	5.007	6039.043	131.021
1.002	14.782			
1/1/2016 7:15:00 AM	76500.000	12.144	17.639	27.679
7631.831	8880.314	5.006	6038.614	131.030
1.002	14.783			
1/1/2016 7:20:00 AM	76800.000	12.142	17.640	27.674
7631.909	8880.163	5.006	6038.511	131.029
1.002	14.787			
1/1/2016 7:25:00 AM	77100.000	12.139	17.640	27.669
7631.063	8879.283	5.006	6037.913	131.043
1.002	14.790			
1/1/2016 7:30:00 AM	77400.000	12.136	17.640	27.662
7629.353	8877.309	5.005	6036.570	131.073
1.002	14.794			
1/1/2016 7:35:00 AM	77700.000	12.139	17.639	27.669
7630.162	8878.389	5.005	6037.304	131.059
1.002	14.790			
1/1/2016 7:40:00 AM	78000.000	12.145	17.639	27.682

7630.058	8878.319	5.005	6037.258	131.061
1.002	14.786			
1/1/2016 7:45:00 AM	78300.000	12.150	17.639	27.694
7629.878	8878.006	5.005	6037.044	131.064
1.002	14.782			
1/1/2016 7:50:00 AM	78600.000	12.149	17.640	27.692
7629.324	8877.204	5.004	6036.500	131.073
1.002	14.784			
1/1/2016 7:55:00 AM	78900.000	12.145	17.640	27.682
7628.039	8875.814	5.004	6035.554	131.095
1.002	14.785			
1/1/2016 8:00:00 AM	79200.000	12.146	17.640	27.685
7629.744	8877.729	5.005	6036.855	131.066
1.002	14.787			
1/1/2016 8:05:00 AM	79500.000	12.145	17.639	27.682
7629.034	8877.076	5.004	6036.412	131.078
1.002	14.788			
1/1/2016 8:10:00 AM	79800.000	12.147	17.639	27.687
7628.500	8876.423	5.004	6035.968	131.087
1.002	14.789			
1/1/2016 8:15:00 AM	80100.000	12.146	17.640	27.685
7629.414	8877.398	5.005	6036.631	131.072
1.002	14.789			
1/1/2016 8:20:00 AM	80400.000	12.147	17.639	27.686
7627.080	8874.786	5.003	6034.855	131.112
1.002	14.790			
1/1/2016 8:25:00 AM	80700.000	12.147	17.641	27.687
7628.503	8876.183	5.004	6035.804	131.087
1.002	14.791			
1/1/2016 8:30:00 AM	81000.000	12.145	17.640	27.682
7627.875	8875.658	5.004	6035.448	131.098
1.002	14.792			
1/1/2016 8:35:00 AM	81300.000	12.146	17.640	27.683
7628.357	8876.047	5.004	6035.712	131.090
1.002	14.794			
1/1/2016 8:40:00 AM	81600.000	12.145	17.640	27.682
7628.976	8876.870	5.004	6036.272	131.079
1.002	14.796			
1/1/2016 8:45:00 AM	81900.000	12.142	17.640	27.675
7628.875	8876.737	5.004	6036.182	131.081
1.002	14.798			
1/1/2016 8:50:00 AM	82200.000	12.143	17.641	27.677
7628.711	8876.372	5.004	6035.934	131.084
1.002	14.798			
1/1/2016 8:55:00 AM	82500.000	12.144	17.640	27.679
7628.043	8875.682	5.004	6035.464	131.095
1.002	14.797			
1/1/2016 9:00:00 AM	82800.000	12.145	17.640	27.681
7630.908	8879.188	5.006	6037.848	131.046
1.002	14.796			
1/1/2016 9:05:00 AM	83100.000	12.145	17.640	27.681
7628.935	8876.807	5.004	6036.229	131.080
1.002	14.796			
1/1/2016 9:10:00 AM	83400.000	12.147	17.640	27.687
7628.542	8876.399	5.004	6035.952	131.087
1.002	14.796			
1/1/2016 9:15:00 AM	83700.000	12.146	17.640	27.684

7629.804	8877.834	5.005	6036.928	131.065
1.002	14.795			
1/1/2016 9:20:00 AM	84000.000	12.148	17.640	27.690
7627.963	8875.710	5.004	6035.483	131.097
1.002	14.795			
1/1/2016 9:25:00 AM	84300.000	12.149	17.640	27.692
7628.583	8876.448	5.004	6035.985	131.086
1.002	14.795			
1/1/2016 9:30:00 AM	84600.000	12.150	17.640	27.694
7626.407	8873.950	5.003	6034.287	131.123
1.002	14.796			
1/1/2016 9:35:00 AM	84900.000	12.149	17.640	27.691
7625.334	8872.702	5.002	6033.438	131.142
1.002	14.797			
1/1/2016 9:40:00 AM	85200.000	12.147	17.640	27.688
7626.703	8874.260	5.003	6034.497	131.118
1.002	14.799			
1/1/2016 9:45:00 AM	85500.000	12.145	17.640	27.682
7627.027	8874.499	5.003	6034.659	131.113
1.002	14.800			
1/1/2016 9:50:00 AM	85800.000	12.145	17.640	27.683
7626.469	8873.971	5.003	6034.301	131.122
1.002	14.801			
1/1/2016 9:55:00 AM	86100.000	12.144	17.639	27.681
7627.787	8875.609	5.004	6035.415	131.100
1.002	14.802			
1/1/2016 10:00:00 AM	86400.000	12.146	17.640	27.685
7623.781	8870.722	5.001	6032.091	131.169
1.002	14.802			
1/1/2016 10:05:00 AM	86700.000	12.147	17.640	27.686
7624.754	8871.887	5.001	6032.883	131.152
1.002	14.801			
1/1/2016 10:10:00 AM	87000.000	12.148	17.640	27.688
7627.241	8874.748	5.003	6034.829	131.109
1.002	14.800			
1/1/2016 10:15:00 AM	87300.000	12.149	17.640	27.692
7626.474	8873.873	5.002	6034.234	131.122
1.002	14.799			
1/1/2016 10:20:00 AM	87600.000	12.148	17.640	27.689
7627.694	8875.258	5.003	6035.176	131.101
1.002	14.802			
1/1/2016 10:25:00 AM	87900.000	12.146	17.640	27.684
7626.089	8873.563	5.002	6034.023	131.129
1.002	14.804			
1/1/2016 10:30:00 AM	88200.000	12.143	17.640	27.677
7626.715	8874.274	5.003	6034.507	131.118
1.002	14.807			
1/1/2016 10:35:00 AM	88500.000	12.145	17.639	27.682
7624.632	8871.987	5.001	6032.952	131.154
1.002	14.804			
1/1/2016 10:40:00 AM	88800.000	12.149	17.640	27.692
7626.089	8873.477	5.002	6033.965	131.129
1.002	14.801			
1/1/2016 10:45:00 AM	89100.000	12.151	17.640	27.696
7625.126	8872.376	5.002	6033.216	131.145
1.002	14.798			
1/1/2016 10:50:00 AM	89400.000	12.152	17.640	27.699

7624.464	8871.535	5.001	6032.644	131.157
1.002	14.798			
1/1/2016 10:55:00 AM	89700.000	12.151	17.640	27.697
7624.433	8871.653	5.001	6032.725	131.157
1.002	14.797			
1/1/2016 11:00:00 AM	90000.000	12.152	17.640	27.697
7622.969	8869.899	5.000	6031.532	131.182
1.002	14.796			
1/1/2016 11:05:00 AM	90300.000	12.151	17.639	27.697
7624.223	8871.425	5.001	6032.569	131.161
1.002	14.795			
1/1/2016 11:10:00 AM	90600.000	12.152	17.639	27.699
7622.462	8869.463	5.000	6031.235	131.191
1.002	14.793			
1/1/2016 11:15:00 AM	90900.000	12.153	17.640	27.699
7623.256	8870.215	5.000	6031.747	131.178
1.002	14.792			
1/1/2016 11:20:00 AM	91200.000	12.148	17.640	27.689
7624.276	8871.420	5.001	6032.565	131.160
1.002	14.795			
1/1/2016 11:25:00 AM	91500.000	12.146	17.640	27.684
7621.509	8868.167	4.999	6030.354	131.208
1.002	14.797			
1/1/2016 11:30:00 AM	91800.000	12.144	17.640	27.680
7622.244	8869.021	5.000	6030.935	131.195
1.002	14.800			
1/1/2016 11:35:00 AM	92100.000	12.145	17.639	27.681
7622.594	8869.583	5.000	6031.317	131.189
1.002	14.799			
1/1/2016 11:40:00 AM	92400.000	12.143	17.640	27.677
7621.409	8867.995	4.999	6030.237	131.209
1.002	14.798			
1/1/2016 11:45:00 AM	92700.000	12.144	17.639	27.679
7620.760	8867.396	4.999	6029.830	131.221
1.002	14.797			
1/1/2016 11:50:00 AM	93000.000	12.146	17.640	27.684
7623.179	8870.074	5.000	6031.650	131.179
1.002	14.794			
1/1/2016 11:55:00 AM	93300.000	12.147	17.639	27.688
7622.480	8869.397	5.000	6031.191	131.191
1.002	14.792			
1/1/2016 12:00:00 PM	93600.000	12.147	17.640	27.686
7621.609	8868.248	4.999	6030.409	131.206
1.002	14.790			
1/1/2016 12:05:00 PM	93900.000	12.146	17.639	27.686
7620.171	8866.764	4.998	6029.400	131.231
1.002	14.789			
1/1/2016 12:10:00 PM	94200.000	12.148	17.641	27.688
7619.441	8865.619	4.997	6028.621	131.243
1.002	14.788			
1/1/2016 12:15:00 PM	94500.000	12.148	17.640	27.690
7620.040	8866.387	4.998	6029.144	131.233
1.002	14.786			
1/1/2016 12:20:00 PM	94800.000	12.147	17.639	27.687
7621.142	8867.860	4.999	6030.145	131.214
1.002	14.786			
1/1/2016 12:25:00 PM	95100.000	12.149	17.640	27.691

7618.269	8864.341	4.997	6027.752	131.263
1.002	14.786			
1/1/2016 12:30:00 PM	95400.000	12.147	17.640	27.687
7617.901	8864.019	4.997	6027.533	131.270
1.002	14.786			
1/1/2016 12:35:00 PM	95700.000	12.147	17.640	27.688
7617.367	8863.259	4.996	6027.016	131.279
1.002	14.784			
1/1/2016 12:40:00 PM	96000.000	12.150	17.640	27.693
7617.388	8863.421	4.996	6027.127	131.279
1.002	14.781			
1/1/2016 12:45:00 PM	96300.000	12.150	17.640	27.694
7619.970	8866.442	4.998	6029.181	131.234
1.002	14.779			
1/1/2016 12:50:00 PM	96600.000	12.151	17.640	27.696
7616.987	8862.920	4.996	6026.786	131.286
1.002	14.780			
1/1/2016 12:55:00 PM	96900.000	12.150	17.640	27.693
7617.019	8862.854	4.996	6026.741	131.285
1.002	14.781			
1/1/2016 1:00:00 PM	97200.000	12.146	17.640	27.684
7615.820	8861.614	4.995	6025.898	131.306
1.002	14.782			
1/1/2016 1:05:00 PM	97500.000	12.151	17.640	27.695
7615.929	8861.586	4.995	6025.879	131.304
1.002	14.776			
1/1/2016 1:10:00 PM	97800.000	12.157	17.640	27.709
7617.346	8863.323	4.996	6027.061	131.279
1.002	14.771			
1/1/2016 1:15:00 PM	98100.000	12.161	17.640	27.719
7617.339	8863.314	4.996	6027.054	131.279
1.002	14.765			
1/1/2016 1:20:00 PM	98400.000	12.159	17.640	27.713
7616.959	8862.905	4.996	6026.776	131.286
1.002	14.768			
1/1/2016 1:25:00 PM	98700.000	12.155	17.640	27.704
7618.809	8865.041	4.997	6028.229	131.254
1.002	14.771			
1/1/2016 1:30:00 PM	99000.000	12.151	17.639	27.697
7614.565	8860.188	4.994	6024.928	131.327
1.002	14.774			
1/1/2016 1:35:00 PM	99300.000	12.151	17.640	27.695
7614.141	8859.574	4.994	6024.511	131.335
1.002	14.774			
1/1/2016 1:40:00 PM	99600.000	12.151	17.640	27.696
7614.725	8860.306	4.994	6025.008	131.325
1.002	14.773			
1/1/2016 1:45:00 PM	99900.000	12.152	17.640	27.699
7615.909	8861.651	4.995	6025.923	131.304
1.002	14.772			
1/1/2016 1:50:00 PM	100200.000	12.151	17.640	27.695
7614.172	8859.696	4.994	6024.594	131.334
1.002	14.774			
1/1/2016 1:55:00 PM	100500.000	12.147	17.640	27.688
7614.882	8860.540	4.994	6025.168	131.322
1.002	14.776			
1/1/2016 2:00:00 PM	100800.000	12.146	17.641	27.685

7614.477	8859.862	4.994	6024.707	131.329
1.002	14.778			
1/1/2016 2:05:00 PM	101100.000	12.148	17.640	27.689
7616.144	8862.008	4.995	6026.166	131.300
1.002	14.776			
1/1/2016 2:10:00 PM	101400.000	12.148	17.640	27.690
7614.458	8859.906	4.994	6024.736	131.329
1.002	14.775			
1/1/2016 2:15:00 PM	101700.000	12.150	17.640	27.693
7614.188	8859.663	4.994	6024.571	131.334
1.002	14.774			
1/1/2016 2:20:00 PM	102000.000	12.152	17.640	27.698
7615.824	8861.567	4.995	6025.866	131.306
1.002	14.772			
1/1/2016 2:25:00 PM	102300.000	12.153	17.640	27.701
7616.242	8862.088	4.995	6026.220	131.298
1.002	14.771			
1/1/2016 2:30:00 PM	102600.000	12.155	17.640	27.706
7614.835	8860.382	4.994	6025.060	131.323
1.002	14.769			
1/1/2016 2:35:00 PM	102900.000	12.154	17.640	27.702
7614.921	8860.567	4.994	6025.187	131.321
1.002	14.771			
1/1/2016 2:40:00 PM	103200.000	12.151	17.641	27.697
7614.713	8860.118	4.994	6024.881	131.325
1.002	14.773			
1/1/2016 2:45:00 PM	103500.000	12.151	17.639	27.695
7614.284	8859.881	4.994	6024.720	131.332
1.002	14.775			
1/1/2016 2:50:00 PM	103800.000	12.150	17.640	27.693
7614.965	8860.497	4.994	6025.138	131.320
1.002	14.775			
1/1/2016 2:55:00 PM	104100.000	12.149	17.640	27.691
7611.796	8856.794	4.992	6022.620	131.375
1.002	14.776			
1/1/2016 3:00:00 PM	104400.000	12.149	17.639	27.690
7615.059	8860.798	4.995	6025.343	131.319
1.002	14.776			
1/1/2016 3:05:00 PM	104700.000	12.150	17.640	27.693
7614.356	8859.910	4.994	6024.739	131.331
1.002	14.774			
1/1/2016 3:10:00 PM	105000.000	12.152	17.640	27.698
7615.481	8861.186	4.995	6025.606	131.311
1.002	14.773			
1/1/2016 3:15:00 PM	105300.000	12.152	17.639	27.698
7612.092	8857.381	4.992	6023.020	131.370
1.002	14.771			
1/1/2016 3:20:00 PM	105600.000	12.153	17.640	27.700
7614.156	8859.556	4.994	6024.499	131.334
1.002	14.771			
1/1/2016 3:25:00 PM	105900.000	12.153	17.639	27.701
7612.340	8857.619	4.993	6023.182	131.366
1.002	14.772			
1/1/2016 3:30:00 PM	106200.000	12.152	17.639	27.698
7612.328	8857.621	4.993	6023.183	131.366
1.002	14.772			
1/1/2016 3:35:00 PM	106500.000	12.152	17.640	27.699

7614.542	8860.004	4.994	6024.803	131.328
1.002	14.772			
1/1/2016 3:40:00 PM	106800.000	12.151	17.639	27.696
7614.372	8860.016	4.994	6024.811	131.331
1.002	14.771			
1/1/2016 3:45:00 PM	107100.000	12.151	17.640	27.697
7613.283	8858.575	4.993	6023.832	131.349
1.002	14.771			
1/1/2016 3:50:00 PM	107400.000	12.150	17.641	27.694
7613.113	8858.242	4.993	6023.605	131.352
1.002	14.772			
1/1/2016 3:55:00 PM	107700.000	12.151	17.640	27.697
7611.633	8856.708	4.992	6022.562	131.378
1.002	14.773			
1/1/2016 4:00:00 PM	108000.000	12.149	17.639	27.691
7612.835	8858.175	4.993	6023.560	131.357
1.002	14.774			
1/1/2016 4:05:00 PM	108300.000	12.148	17.641	27.689
7610.865	8855.641	4.991	6021.836	131.391
1.002	14.775			
1/1/2016 4:10:00 PM	108600.000	12.149	17.639	27.691
7610.321	8855.269	4.991	6021.583	131.401
1.002	14.775			
1/1/2016 4:15:00 PM	108900.000	12.147	17.640	27.687
7613.264	8858.518	4.993	6023.792	131.350
1.002	14.776			
1/1/2016 4:20:00 PM	109200.000	12.148	17.639	27.689
7611.091	8856.182	4.992	6022.204	131.387
1.002	14.776			
1/1/2016 4:25:00 PM	109500.000	12.148	17.639	27.690
7611.005	8856.132	4.992	6022.170	131.389
1.002	14.776			
1/1/2016 4:30:00 PM	109800.000	12.148	17.639	27.688
7611.955	8857.222	4.992	6022.911	131.372
1.002	14.776			
1/1/2016 4:35:00 PM	110100.000	12.149	17.640	27.692
7610.036	8854.884	4.991	6021.321	131.405
1.002	14.774			
1/1/2016 4:40:00 PM	110400.000	12.151	17.641	27.695
7611.023	8855.844	4.992	6021.974	131.388
1.002	14.773			
1/1/2016 4:45:00 PM	110700.000	12.151	17.639	27.695
7610.101	8855.097	4.991	6021.466	131.404
1.002	14.772			
1/1/2016 4:50:00 PM	111000.000	12.150	17.639	27.693
7609.916	8854.864	4.991	6021.308	131.408
1.002	14.772			
1/1/2016 4:55:00 PM	111300.000	12.151	17.640	27.695
7609.091	8853.612	4.990	6020.457	131.422
1.002	14.773			
1/1/2016 5:00:00 PM	111600.000	12.150	17.639	27.693
7610.096	8855.058	4.991	6021.439	131.404
1.002	14.773			
1/1/2016 5:05:00 PM	111900.000	12.150	17.641	27.694
7611.249	8856.072	4.992	6022.129	131.384
1.002	14.771			
1/1/2016 5:10:00 PM	112200.000	12.154	17.640	27.702

7609.019	8853.563	4.990	6020.422	131.423
1.002	14.769			
1/1/2016 5:15:00 PM	112500.000	12.157	17.639	27.710
7607.189	8851.642	4.989	6019.116	131.455
1.002	14.767			
1/1/2016 5:20:00 PM	112800.000	12.154	17.640	27.702
7609.116	8853.780	4.990	6020.571	131.421
1.002	14.767			
1/1/2016 5:25:00 PM	113100.000	12.154	17.640	27.703
7609.017	8853.576	4.990	6020.432	131.423
1.002	14.768			
1/1/2016 5:30:00 PM	113400.000	12.154	17.640	27.703
7609.849	8854.528	4.991	6021.080	131.409
1.002	14.768			
1/1/2016 5:35:00 PM	113700.000	12.155	17.640	27.705
7607.391	8851.823	4.989	6019.240	131.451
1.002	14.768			
1/1/2016 5:40:00 PM	114000.000	12.155	17.640	27.706
7606.906	8851.140	4.989	6018.775	131.459
1.002	14.767			
1/1/2016 5:45:00 PM	114300.000	12.156	17.641	27.707
7607.244	8851.446	4.989	6018.984	131.454
1.002	14.766			
1/1/2016 5:50:00 PM	114600.000	12.153	17.640	27.701
7608.323	8852.753	4.990	6019.872	131.435
1.002	14.768			
1/1/2016 5:55:00 PM	114900.000	12.153	17.639	27.700
7607.664	8852.178	4.989	6019.481	131.446
1.002	14.770			
1/1/2016 6:00:00 PM	115200.000	12.149	17.640	27.692
7608.068	8852.439	4.990	6019.659	131.439
1.002	14.772			
1/1/2016 6:05:00 PM	115500.000	12.153	17.639	27.701
7606.381	8850.665	4.988	6018.453	131.469
1.002	14.770			
1/1/2016 6:10:00 PM	115800.000	12.154	17.640	27.702
7606.775	8851.022	4.989	6018.696	131.462
1.002	14.769			
1/1/2016 6:15:00 PM	116100.000	12.156	17.639	27.707
7607.648	8852.140	4.989	6019.456	131.447
1.002	14.767			
1/1/2016 6:20:00 PM	116400.000	12.153	17.640	27.700
7607.326	8851.608	4.989	6019.094	131.452
1.002	14.770			
1/1/2016 6:25:00 PM	116700.000	12.154	17.640	27.702
7605.702	8849.703	4.988	6017.798	131.480
1.002	14.773			
1/1/2016 6:30:00 PM	117000.000	12.150	17.640	27.694
7606.384	8850.617	4.988	6018.420	131.469
1.002	14.776			
1/1/2016 6:35:00 PM	117300.000	12.152	17.640	27.699
7607.018	8851.321	4.989	6018.898	131.458
1.002	14.775			
1/1/2016 6:40:00 PM	117600.000	12.153	17.639	27.699
7605.926	8850.155	4.988	6018.106	131.476
1.002	14.773			
1/1/2016 6:45:00 PM	117900.000	12.158	17.639	27.712

7607.757	8852.318	4.989	6019.577	131.445
1.002	14.772			
1/1/2016 6:50:00 PM	118200.000	12.153	17.639	27.700
7605.318	8849.481	4.988	6017.648	131.487
1.002	14.772			
1/1/2016 6:55:00 PM	118500.000	12.154	17.640	27.703
7605.145	8849.126	4.988	6017.406	131.490
1.002	14.771			
1/1/2016 7:00:00 PM	118800.000	12.155	17.640	27.704
7604.877	8848.795	4.987	6017.181	131.495
1.002	14.771			
1/1/2016 7:05:00 PM	119100.000	12.154	17.640	27.702
7606.321	8850.475	4.988	6018.323	131.470
1.002	14.773			
1/1/2016 7:10:00 PM	119400.000	12.153	17.639	27.700
7607.604	8852.191	4.989	6019.491	131.447
1.002	14.774			
1/1/2016 7:15:00 PM	119700.000	12.152	17.639	27.698
7604.992	8849.068	4.987	6017.367	131.493
1.002	14.776			
1/1/2016 7:20:00 PM	120000.000	12.151	17.640	27.697
7604.786	8848.673	4.987	6017.098	131.496
1.002	14.776			
1/1/2016 7:25:00 PM	120300.000	12.152	17.640	27.698
7604.999	8849.006	4.987	6017.324	131.492
1.002	14.776			
1/1/2016 7:30:00 PM	120600.000	12.152	17.640	27.697
7603.620	8847.316	4.986	6016.176	131.516
1.002	14.777			
1/1/2016 7:35:00 PM	120900.000	12.153	17.640	27.701
7605.390	8849.323	4.988	6017.541	131.486
1.002	14.777			
1/1/2016 7:40:00 PM	121200.000	12.151	17.640	27.696
7606.167	8850.261	4.988	6018.178	131.472
1.002	14.776			
1/1/2016 7:45:00 PM	121500.000	12.151	17.639	27.695
7605.268	8849.390	4.988	6017.585	131.488
1.002	14.776			
1/1/2016 7:50:00 PM	121800.000	12.153	17.640	27.700
7604.970	8848.867	4.987	6017.230	131.493
1.002	14.777			
1/1/2016 7:55:00 PM	122100.000	12.153	17.639	27.702
7603.721	8847.590	4.987	6016.362	131.515
1.002	14.777			
1/1/2016 8:00:00 PM	122400.000	12.153	17.640	27.701
7604.340	8848.170	4.987	6016.755	131.504
1.002	14.778			
1/1/2016 8:05:00 PM	122700.000	12.153	17.640	27.700
7605.313	8849.389	4.988	6017.585	131.487
1.002	14.778			
1/1/2016 8:10:00 PM	123000.000	12.154	17.639	27.704
7603.605	8847.471	4.987	6016.281	131.517
1.002	14.778			
1/1/2016 8:15:00 PM	123300.000	12.154	17.640	27.703
7601.849	8845.291	4.985	6014.798	131.547
1.002	14.778			
1/1/2016 8:20:00 PM	123600.000	12.153	17.640	27.700

7604.167	8847.933	4.987	6016.594	131.507
1.002	14.779			
1/1/2016 8:25:00 PM	123900.000	12.155	17.640	27.706
7604.659	8848.627	4.987	6017.066	131.498
1.002	14.779			
1/1/2016 8:30:00 PM	124200.000	12.154	17.641	27.703
7602.049	8845.402	4.985	6014.874	131.543
1.002	14.780			
1/1/2016 8:35:00 PM	124500.000	12.156	17.640	27.708
7604.237	8848.137	4.987	6016.733	131.506
1.002	14.779			
1/1/2016 8:40:00 PM	124800.000	12.156	17.640	27.707
7604.447	8848.244	4.987	6016.807	131.502
1.002	14.778			
1/1/2016 8:45:00 PM	125100.000	12.158	17.640	27.712
7604.863	8848.693	4.987	6017.112	131.495
1.002	14.777			
1/1/2016 8:50:00 PM	125400.000	12.158	17.640	27.713
7602.970	8846.628	4.986	6015.708	131.528
1.002	14.778			
1/1/2016 8:55:00 PM	125700.000	12.158	17.640	27.712
7602.114	8845.684	4.985	6015.065	131.542
1.002	14.779			
1/1/2016 9:00:00 PM	126000.000	12.161	17.640	27.718
7603.255	8846.908	4.986	6015.898	131.523
1.002	14.780			
1/1/2016 9:05:00 PM	126300.000	12.159	17.640	27.715
7603.958	8847.744	4.987	6016.467	131.510
1.002	14.780			
1/1/2016 9:10:00 PM	126600.000	12.157	17.640	27.711
7601.504	8844.974	4.985	6014.582	131.553
1.002	14.781			
1/1/2016 9:15:00 PM	126900.000	12.157	17.640	27.709
7604.009	8847.785	4.987	6016.494	131.510
1.002	14.782			
1/1/2016 9:20:00 PM	127200.000	12.157	17.639	27.710
7604.195	8848.191	4.987	6016.771	131.506
1.002	14.781			
1/1/2016 9:25:00 PM	127500.000	12.158	17.640	27.711
7603.399	8847.024	4.986	6015.977	131.520
1.002	14.781			
1/1/2016 9:30:00 PM	127800.000	12.157	17.639	27.710
7602.958	8846.682	4.986	6015.744	131.528
1.002	14.781			
1/1/2016 9:35:00 PM	128100.000	12.154	17.640	27.703
7600.900	8844.132	4.984	6014.010	131.563
1.002	14.784			
1/1/2016 9:40:00 PM	128400.000	12.150	17.640	27.694
7601.828	8845.246	4.985	6014.768	131.547
1.002	14.787			
1/1/2016 9:45:00 PM	128700.000	12.147	17.639	27.686
7601.690	8845.277	4.985	6014.789	131.550
1.002	14.790			
1/1/2016 9:50:00 PM	129000.000	12.151	17.640	27.695
7601.819	8845.290	4.985	6014.798	131.547
1.002	14.788			
1/1/2016 9:55:00 PM	129300.000	12.154	17.640	27.704

7600.211	8843.469	4.984	6013.559	131.575
1.002	14.785			
1/1/2016 10:00:00 PM	129600.000	12.157	17.639	27.709
7602.843	8846.585	4.986	6015.678	131.530
1.002	14.782			
1/1/2016 10:05:00 PM	129900.000	12.155	17.640	27.706
7600.417	8843.709	4.984	6013.723	131.572
1.002	14.783			
1/1/2016 10:10:00 PM	130200.000	12.155	17.640	27.705
7601.091	8844.304	4.985	6014.127	131.560
1.002	14.784			
1/1/2016 10:15:00 PM	130500.000	12.155	17.639	27.705
7602.616	8846.284	4.986	6015.473	131.534
1.002	14.785			
1/1/2016 10:20:00 PM	130800.000	12.157	17.640	27.709
7600.763	8844.111	4.984	6013.996	131.566
1.002	14.783			
1/1/2016 10:25:00 PM	131100.000	12.158	17.641	27.712
7601.355	8844.596	4.985	6014.326	131.555
1.002	14.781			
1/1/2016 10:30:00 PM	131400.000	12.162	17.639	27.721
7602.094	8845.696	4.985	6015.074	131.543
1.002	14.779			
1/1/2016 10:35:00 PM	131700.000	12.161	17.640	27.720
7601.701	8845.083	4.985	6014.657	131.550
1.002	14.780			
1/1/2016 10:40:00 PM	132000.000	12.161	17.639	27.718
7602.143	8845.869	4.986	6015.191	131.542
1.002	14.781			
1/1/2016 10:45:00 PM	132300.000	12.160	17.639	27.717
7599.058	8842.197	4.983	6012.695	131.595
1.002	14.781			
1/1/2016 10:50:00 PM	132600.000	12.161	17.640	27.719
7599.457	8842.487	4.983	6012.892	131.588
1.002	14.780			
1/1/2016 10:55:00 PM	132900.000	12.163	17.640	27.723
7599.083	8842.088	4.983	6012.620	131.595
1.002	14.780			
1/1/2016 11:00:00 PM	133200.000	12.163	17.640	27.723
7601.738	8845.073	4.985	6014.650	131.549
1.002	14.779			
1/1/2016 11:05:00 PM	133500.000	12.163	17.640	27.723
7603.108	8846.806	4.986	6015.829	131.525
1.002	14.780			
1/1/2016 11:10:00 PM	133800.000	12.160	17.641	27.717
7600.985	8844.165	4.985	6014.032	131.562
1.002	14.782			
1/1/2016 11:15:00 PM	134100.000	12.158	17.640	27.711
7600.723	8843.893	4.984	6013.847	131.566
1.002	14.783			
1/1/2016 11:20:00 PM	134400.000	12.158	17.639	27.712
7601.562	8845.094	4.985	6014.664	131.552
1.002	14.783			
1/1/2016 11:25:00 PM	134700.000	12.157	17.639	27.711
7601.131	8844.729	4.985	6014.416	131.559
1.002	14.783			
1/1/2016 11:30:00 PM	135000.000	12.159	17.640	27.714

7600.028	8843.222	4.984	6013.391	131.578
1.002	14.784			
1/1/2016 11:35:00 PM	135300.000	12.157	17.639	27.709
7600.182	8843.471	4.984	6013.560	131.576
1.002	14.783			
1/1/2016 11:40:00 PM	135600.000	12.161	17.638	27.718
7600.868	8844.457	4.985	6014.231	131.564
1.002	14.783			
1/1/2016 11:45:00 PM	135900.000	12.158	17.639	27.711
7599.776	8843.051	4.984	6013.275	131.583
1.002	14.783			
1/1/2016 11:50:00 PM	136200.000	12.155	17.640	27.704
7599.157	8842.139	4.983	6012.655	131.594
1.002	14.783			
1/1/2016 11:55:00 PM	136500.000	12.156	17.639	27.708
7599.842	8843.127	4.984	6013.327	131.582
1.002	14.783			
1/2/2016 12:00:00 AM	136800.000	12.156	17.641	27.706
7597.749	8840.330	4.982	6011.424	131.618
1.002	14.783			
1/2/2016 12:05:00 AM	137100.000	12.158	17.640	27.711
7600.713	8843.950	4.984	6013.886	131.567
1.002	14.782			
1/2/2016 12:10:00 AM	137400.000	12.158	17.640	27.712
7599.679	8842.711	4.984	6013.044	131.585
1.002	14.781			
1/2/2016 12:15:00 AM	137700.000	12.159	17.639	27.715
7599.451	8842.602	4.984	6012.970	131.588
1.002	14.780			
1/2/2016 12:20:00 AM	138000.000	12.158	17.639	27.712
7600.996	8844.484	4.985	6014.250	131.562
1.002	14.780			
1/2/2016 12:25:00 AM	138300.000	12.158	17.639	27.712
7599.752	8843.004	4.984	6013.243	131.583
1.002	14.780			
1/2/2016 12:30:00 AM	138600.000	12.154	17.640	27.703
7599.823	8842.967	4.984	6013.217	131.582
1.002	14.780			
1/2/2016 12:35:00 AM	138900.000	12.159	17.640	27.713
7597.558	8840.382	4.982	6011.460	131.621
1.002	14.777			
1/2/2016 12:40:00 AM	139200.000	12.161	17.639	27.719
7598.999	8842.128	4.983	6012.647	131.596
1.002	14.773			
1/2/2016 12:45:00 AM	139500.000	12.164	17.640	27.726
7599.504	8842.578	4.984	6012.953	131.588
1.002	14.770			
1/2/2016 12:50:00 AM	139800.000	12.161	17.640	27.718
7599.350	8842.363	4.983	6012.807	131.590
1.002	14.773			
1/2/2016 12:55:00 AM	140100.000	12.157	17.640	27.709
7597.618	8840.279	4.982	6011.390	131.620
1.002	14.776			
1/2/2016 1:00:00 AM	140400.000	12.155	17.639	27.704
7598.771	8841.810	4.983	6012.431	131.600
1.002	14.779			
1/2/2016 1:05:00 AM	140700.000	12.155	17.641	27.704

7598.803	8841.605	4.983	6012.292	131.600
1.002	14.777			
1/2/2016 1:10:00 AM	141000.000	12.158	17.640	27.711
7598.498	8841.356	4.983	6012.123	131.605
1.002	14.775			
1/2/2016 1:15:00 AM	141300.000	12.159	17.640	27.713
7597.675	8840.414	4.982	6011.482	131.619
1.002	14.773			
1/2/2016 1:20:00 AM	141600.000	12.159	17.639	27.714
7600.582	8843.937	4.984	6013.877	131.569
1.002	14.774			
1/2/2016 1:25:00 AM	141900.000	12.157	17.640	27.710
7600.394	8843.631	4.984	6013.669	131.572
1.002	14.774			
1/2/2016 1:30:00 AM	142200.000	12.154	17.640	27.704
7599.795	8842.882	4.984	6013.160	131.582
1.002	14.775			
1/2/2016 1:35:00 AM	142500.000	12.155	17.640	27.706
7598.759	8841.607	4.983	6012.293	131.600
1.002	14.773			
1/2/2016 1:40:00 AM	142800.000	12.157	17.639	27.709
7598.900	8841.980	4.983	6012.547	131.598
1.002	14.771			
1/2/2016 1:45:00 AM	143100.000	12.158	17.639	27.711
7599.843	8843.128	4.984	6013.328	131.582
1.002	14.770			
1/2/2016 1:50:00 AM	143400.000	12.155	17.640	27.705
7597.231	8839.898	4.982	6011.131	131.627
1.002	14.769			
1/2/2016 1:55:00 AM	143700.000	12.156	17.640	27.707
7598.036	8840.799	4.982	6011.744	131.613
1.002	14.767			
1/2/2016 2:00:00 AM	144000.000	12.160	17.639	27.716
7597.805	8840.756	4.982	6011.714	131.617
1.002	14.766			
1/2/2016 2:05:00 AM	144300.000	12.159	17.640	27.713
7599.699	8842.770	4.984	6013.084	131.584
1.002	14.768			
1/2/2016 2:10:00 AM	144600.000	12.157	17.641	27.709
7600.440	8843.511	4.984	6013.587	131.571
1.002	14.770			
1/2/2016 2:15:00 AM	144900.000	12.154	17.639	27.702
7598.890	8842.001	4.983	6012.561	131.598
1.002	14.773			
1/2/2016 2:20:00 AM	145200.000	12.159	17.639	27.714
7599.492	8842.685	4.984	6013.026	131.588
1.002	14.769			
1/2/2016 2:25:00 AM	145500.000	12.159	17.640	27.715
7599.892	8842.978	4.984	6013.225	131.581
1.002	14.766			
1/2/2016 2:30:00 AM	145800.000	12.163	17.641	27.723
7600.372	8843.450	4.984	6013.546	131.573
1.002	14.763			
1/2/2016 2:35:00 AM	146100.000	12.161	17.640	27.718
7599.611	8842.599	4.984	6012.968	131.586
1.002	14.766			
1/2/2016 2:40:00 AM	146400.000	12.160	17.639	27.716

7601.459	8844.975	4.985	6014.583	131.554
1.002	14.768			
1/2/2016 2:45:00 AM	146700.000	12.157	17.640	27.710
7600.315	8843.451	4.984	6013.547	131.574
1.002	14.771			
1/2/2016 2:50:00 AM	147000.000	12.158	17.640	27.713
7601.257	8844.567	4.985	6014.306	131.557
1.002	14.770			
1/2/2016 2:55:00 AM	147300.000	12.161	17.639	27.718
7599.924	8843.172	4.984	6013.357	131.580
1.002	14.769			
1/2/2016 3:00:00 AM	147600.000	12.161	17.640	27.719
7600.118	8843.257	4.984	6013.415	131.577
1.002	14.769			
1/2/2016 3:05:00 AM	147900.000	12.161	17.639	27.718
7602.046	8845.757	4.985	6015.115	131.544
1.002	14.769			
1/2/2016 3:10:00 AM	148200.000	12.161	17.639	27.720
7600.497	8843.838	4.984	6013.810	131.570
1.002	14.769			
1/2/2016 3:15:00 AM	148500.000	12.160	17.639	27.716
7602.352	8845.977	4.986	6015.265	131.538
1.002	14.769			
1/2/2016 3:20:00 AM	148800.000	12.160	17.639	27.716
7601.134	8844.646	4.985	6014.359	131.559
1.002	14.769			
1/2/2016 3:25:00 AM	149100.000	12.157	17.640	27.709
7601.690	8845.121	4.985	6014.683	131.550
1.002	14.770			
1/2/2016 3:30:00 AM	149400.000	12.155	17.640	27.706
7601.574	8845.021	4.985	6014.614	131.552
1.002	14.770			
1/2/2016 3:35:00 AM	149700.000	12.157	17.641	27.709
7601.869	8845.141	4.985	6014.696	131.547
1.002	14.767			
1/2/2016 3:40:00 AM	150000.000	12.160	17.639	27.717
7602.156	8845.819	4.986	6015.158	131.542
1.002	14.764			
1/2/2016 3:45:00 AM	150300.000	12.163	17.641	27.724
7600.187	8843.216	4.984	6013.387	131.576
1.002	14.761			
1/2/2016 3:50:00 AM	150600.000	12.161	17.639	27.719
7601.429	8845.006	4.985	6014.604	131.554
1.002	14.763			
1/2/2016 3:55:00 AM	150900.000	12.160	17.639	27.716
7602.129	8845.821	4.986	6015.159	131.542
1.002	14.764			
1/2/2016 4:00:00 AM	151200.000	12.159	17.639	27.714
7602.960	8846.788	4.986	6015.816	131.528
1.002	14.766			
1/2/2016 4:05:00 AM	151500.000	12.160	17.639	27.716
7601.932	8845.573	4.985	6014.990	131.546
1.002	14.765			
1/2/2016 4:10:00 AM	151800.000	12.158	17.639	27.713
7603.805	8847.668	4.987	6016.414	131.513
1.002	14.764			
1/2/2016 4:15:00 AM	152100.000	12.160	17.640	27.716

7601.657	8845.101	4.985	6014.669	131.550
1.002	14.763			
1/2/2016 4:20:00 AM	152400.000	12.161	17.640	27.718
7601.768	8845.280	4.985	6014.791	131.548
1.002	14.762			
1/2/2016 4:25:00 AM	152700.000	12.161	17.639	27.718
7603.081	8846.877	4.986	6015.877	131.526
1.002	14.761			
1/2/2016 4:30:00 AM	153000.000	12.162	17.640	27.721
7602.442	8846.015	4.986	6015.290	131.537
1.002	14.761			
1/2/2016 4:35:00 AM	153300.000	12.162	17.640	27.721
7603.146	8846.780	4.986	6015.811	131.525
1.002	14.761			
1/2/2016 4:40:00 AM	153600.000	12.162	17.641	27.720
7602.717	8846.180	4.986	6015.403	131.532
1.002	14.760			
1/2/2016 4:45:00 AM	153900.000	12.161	17.640	27.718
7603.355	8847.127	4.986	6016.046	131.521
1.002	14.760			
1/2/2016 4:50:00 AM	154200.000	12.160	17.639	27.717
7604.124	8848.142	4.987	6016.736	131.508
1.002	14.761			
1/2/2016 4:55:00 AM	154500.000	12.160	17.639	27.716
7604.436	8848.506	4.987	6016.984	131.502
1.002	14.762			
1/2/2016 5:00:00 AM	154800.000	12.158	17.641	27.712
7603.784	8847.421	4.986	6016.246	131.513
1.002	14.763			
1/2/2016 5:05:00 AM	155100.000	12.161	17.641	27.718
7606.357	8850.396	4.988	6018.270	131.469
1.002	14.762			
1/2/2016 5:10:00 AM	155400.000	12.161	17.640	27.719
7603.548	8847.180	4.986	6016.083	131.518
1.002	14.762			
1/2/2016 5:15:00 AM	155700.000	12.160	17.639	27.717
7603.932	8847.919	4.987	6016.585	131.511
1.002	14.762			
1/2/2016 5:20:00 AM	156000.000	12.162	17.639	27.720
7605.103	8849.281	4.988	6017.511	131.491
1.002	14.761			
1/2/2016 5:25:00 AM	156300.000	12.162	17.640	27.721
7603.131	8846.833	4.986	6015.847	131.525
1.002	14.761			
1/2/2016 5:30:00 AM	156600.000	12.160	17.640	27.717
7604.333	8848.197	4.987	6016.774	131.504
1.002	14.761			
1/2/2016 5:35:00 AM	156900.000	12.160	17.640	27.717
7604.619	8848.443	4.987	6016.941	131.499
1.002	14.762			
1/2/2016 5:40:00 AM	157200.000	12.158	17.641	27.711
7605.008	8848.846	4.987	6017.216	131.492
1.002	14.763			
1/2/2016 5:45:00 AM	157500.000	12.156	17.640	27.708
7603.337	8847.089	4.986	6016.021	131.521
1.002	14.764			
1/2/2016 5:50:00 AM	157800.000	12.158	17.640	27.712

7602.958	8846.478	4.986	6015.605	131.528
1.002	14.764			
1/2/2016 5:55:00 AM	158100.000	12.159	17.640	27.714
7603.360	8847.083	4.986	6016.017	131.521
1.002	14.763			
1/2/2016 6:00:00 AM	158400.000	12.159	17.640	27.714
7604.822	8848.766	4.987	6017.161	131.496
1.002	14.762			
1/2/2016 6:05:00 AM	158700.000	12.161	17.640	27.719
7605.095	8848.997	4.987	6017.318	131.491
1.002	14.761			
1/2/2016 6:10:00 AM	159000.000	12.161	17.640	27.719
7605.488	8849.490	4.988	6017.653	131.484
1.002	14.760			
1/2/2016 6:15:00 AM	159300.000	12.163	17.640	27.723
7606.434	8850.605	4.988	6018.412	131.468
1.002	14.758			
1/2/2016 6:20:00 AM	159600.000	12.163	17.640	27.723
7604.487	8848.272	4.987	6016.826	131.501
1.002	14.758			
1/2/2016 6:25:00 AM	159900.000	12.164	17.641	27.725
7604.122	8847.814	4.987	6016.514	131.508
1.002	14.759			
1/2/2016 6:30:00 AM	160200.000	12.164	17.640	27.724
7607.414	8851.767	4.989	6019.201	131.451
1.002	14.759			
1/2/2016 6:35:00 AM	160500.000	12.162	17.640	27.722
7605.155	8849.067	4.987	6017.366	131.490
1.002	14.760			
1/2/2016 6:40:00 AM	160800.000	12.161	17.640	27.720
7605.560	8849.504	4.988	6017.663	131.483
1.002	14.762			
1/2/2016 6:45:00 AM	161100.000	12.160	17.640	27.716
7606.847	8851.173	4.989	6018.798	131.461
1.002	14.764			
1/2/2016 6:50:00 AM	161400.000	12.160	17.640	27.717
7605.470	8849.520	4.988	6017.673	131.484
1.002	14.762			
1/2/2016 6:55:00 AM	161700.000	12.162	17.640	27.721
7605.591	8849.694	4.988	6017.792	131.482
1.002	14.760			
1/2/2016 7:00:00 AM	162000.000	12.165	17.640	27.728
7607.885	8852.398	4.989	6019.631	131.443
1.002	14.758			
1/2/2016 7:05:00 AM	162300.000	12.165	17.641	27.727
7607.126	8851.310	4.989	6018.891	131.456
1.002	14.758			
1/2/2016 7:10:00 AM	162600.000	12.163	17.641	27.724
7606.911	8851.040	4.989	6018.708	131.459
1.002	14.758			
1/2/2016 7:15:00 AM	162900.000	12.162	17.640	27.721
7606.977	8851.290	4.989	6018.877	131.458
1.002	14.759			
1/2/2016 7:20:00 AM	163200.000	12.165	17.639	27.728
7605.832	8850.045	4.988	6018.031	131.478
1.002	14.757			
1/2/2016 7:25:00 AM	163500.000	12.166	17.639	27.730

7606.219	8850.563	4.988	6018.382	131.471
1.002	14.756			
1/2/2016 7:30:00 AM	163800.000	12.168	17.640	27.734
7606.669	8850.983	4.989	6018.669	131.464
1.002	14.754			
1/2/2016 7:35:00 AM	164100.000	12.167	17.640	27.731
7605.470	8849.505	4.988	6017.664	131.484
1.002	14.757			
1/2/2016 7:40:00 AM	164400.000	12.164	17.640	27.725
7607.696	8852.023	4.989	6019.376	131.446
1.002	14.759			
1/2/2016 7:45:00 AM	164700.000	12.161	17.640	27.718
7607.495	8851.789	4.989	6019.217	131.449
1.002	14.761			
1/2/2016 7:50:00 AM	165000.000	12.163	17.640	27.723
7605.737	8849.864	4.988	6017.908	131.480
1.002	14.760			
1/2/2016 7:55:00 AM	165300.000	12.163	17.640	27.723
7607.371	8851.628	4.989	6019.107	131.451
1.002	14.759			
1/2/2016 8:00:00 AM	165600.000	12.164	17.639	27.725
7606.186	8850.560	4.988	6018.381	131.472
1.002	14.758			
1/2/2016 8:05:00 AM	165900.000	12.162	17.640	27.722
7609.038	8853.551	4.990	6020.415	131.423
1.002	14.760			
1/2/2016 8:10:00 AM	166200.000	12.161	17.640	27.719
7609.523	8854.115	4.991	6020.799	131.414
1.002	14.761			
1/2/2016 8:15:00 AM	166500.000	12.161	17.639	27.719
7607.212	8851.669	4.989	6019.135	131.454
1.002	14.763			
1/2/2016 8:20:00 AM	166800.000	12.162	17.641	27.721
7606.742	8850.844	4.989	6018.574	131.462
1.002	14.763			
1/2/2016 8:25:00 AM	167100.000	12.161	17.641	27.719
7607.490	8851.713	4.989	6019.166	131.449
1.002	14.763			
1/2/2016 8:30:00 AM	167400.000	12.161	17.640	27.718
7609.703	8854.444	4.991	6021.022	131.411
1.002	14.763			
1/2/2016 8:35:00 AM	167700.000	12.160	17.639	27.717
7607.948	8852.508	4.990	6019.706	131.441
1.002	14.764			
1/2/2016 8:40:00 AM	168000.000	12.160	17.639	27.717
7609.869	8854.743	4.991	6021.226	131.408
1.002	14.765			
1/2/2016 8:45:00 AM	168300.000	12.160	17.639	27.716
7609.228	8854.063	4.990	6020.763	131.419
1.002	14.766			
1/2/2016 8:50:00 AM	168600.000	12.162	17.639	27.721
7608.667	8853.345	4.990	6020.274	131.429
1.002	14.765			
1/2/2016 8:55:00 AM	168900.000	12.164	17.639	27.724
7607.269	8851.718	4.989	6019.168	131.453
1.002	14.764			
1/2/2016 9:00:00 AM	169200.000	12.164	17.640	27.726

7605.732	8849.876	4.988	6017.916	131.480
1.002	14.763			
1/2/2016 9:05:00 AM	169500.000	12.164	17.639	27.726
7606.618	8850.940	4.989	6018.640	131.464
1.002	14.762			
1/2/2016 9:10:00 AM	169800.000	12.165	17.639	27.727
7607.763	8852.409	4.989	6019.639	131.445
1.002	14.761			
1/2/2016 9:15:00 AM	170100.000	12.166	17.639	27.730
7606.659	8851.110	4.989	6018.755	131.464
1.002	14.760			
1/2/2016 9:20:00 AM	170400.000	12.164	17.639	27.727
7608.387	8853.035	4.990	6020.064	131.434
1.002	14.760			
1/2/2016 9:25:00 AM	170700.000	12.164	17.640	27.725
7607.439	8851.707	4.989	6019.161	131.450
1.002	14.761			
1/2/2016 9:30:00 AM	171000.000	12.163	17.639	27.724
7606.336	8850.734	4.988	6018.500	131.469
1.002	14.761			
1/2/2016 9:35:00 AM	171300.000	12.163	17.640	27.722
7609.426	8854.072	4.991	6020.769	131.416
1.002	14.760			
1/2/2016 9:40:00 AM	171600.000	12.162	17.640	27.722
7609.168	8853.703	4.990	6020.518	131.420
1.002	14.759			
1/2/2016 9:45:00 AM	171900.000	12.162	17.639	27.722
7607.821	8852.377	4.989	6019.617	131.444
1.002	14.759			
1/2/2016 9:50:00 AM	172200.000	12.162	17.640	27.722
7606.278	8850.374	4.988	6018.255	131.470
1.002	14.759			
1/2/2016 9:55:00 AM	172500.000	12.163	17.640	27.724
7606.851	8851.022	4.989	6018.696	131.460
1.002	14.760			
1/2/2016 10:00:00 AM	172800.000	12.163	17.640	27.724
7605.177	8849.247	4.988	6017.488	131.489
1.002	14.760			
1/2/2016 10:05:00 AM	173100.000	12.161	17.640	27.718
7606.607	8850.878	4.989	6018.598	131.465
1.002	14.763			
1/2/2016 10:10:00 AM	173400.000	12.156	17.639	27.708
7606.044	8850.325	4.988	6018.221	131.474
1.002	14.766			
1/2/2016 10:15:00 AM	173700.000	12.151	17.639	27.697
7606.529	8850.873	4.989	6018.594	131.466
1.002	14.770			
1/2/2016 10:20:00 AM	174000.000	12.153	17.640	27.700
7606.014	8850.049	4.988	6018.034	131.475
1.002	14.768			
1/2/2016 10:25:00 AM	174300.000	12.155	17.641	27.704
7604.074	8847.674	4.987	6016.419	131.508
1.002	14.767			
1/2/2016 10:30:00 AM	174600.000	12.154	17.640	27.702
7607.521	8851.855	4.989	6019.262	131.449
1.002	14.766			
1/2/2016 10:35:00 AM	174900.000	12.158	17.639	27.712

7606.696	8851.135	4.989	6018.771	131.463
1.002	14.762			
1/2/2016 10:40:00 AM	175200.000	12.162	17.641	27.722
7606.246	8850.266	4.988	6018.181	131.471
1.002	14.757			
1/2/2016 10:45:00 AM	175500.000	12.166	17.639	27.731
7605.201	8849.292	4.988	6017.519	131.489
1.002	14.753			
1/2/2016 10:50:00 AM	175800.000	12.165	17.639	27.728
7604.865	8848.986	4.987	6017.311	131.495
1.002	14.755			
1/2/2016 10:55:00 AM	176100.000	12.160	17.640	27.715
7608.629	8853.180	4.990	6020.163	131.430
1.002	14.757			
1/2/2016 11:00:00 AM	176400.000	12.156	17.640	27.708
7608.070	8852.563	4.990	6019.744	131.439
1.002	14.760			
1/2/2016 11:05:00 AM	176700.000	12.156	17.639	27.707
7603.934	8847.854	4.987	6016.541	131.511
1.002	14.758			
1/2/2016 11:10:00 AM	177000.000	12.158	17.640	27.713
7607.859	8852.368	4.989	6019.610	131.443
1.002	14.757			
1/2/2016 11:15:00 AM	177300.000	12.158	17.639	27.711
7606.566	8850.881	4.989	6018.600	131.465
1.002	14.755			
1/2/2016 11:20:00 AM	177600.000	12.158	17.641	27.711
7606.749	8850.851	4.989	6018.579	131.462
1.002	14.753			
1/2/2016 11:25:00 AM	177900.000	12.159	17.639	27.714
7608.165	8852.777	4.990	6019.889	131.438
1.002	14.751			
1/2/2016 11:30:00 AM	178200.000	12.160	17.640	27.717
7606.387	8850.466	4.988	6018.317	131.468
1.002	14.750			
1/2/2016 11:35:00 AM	178500.000	12.161	17.640	27.718
7605.705	8849.758	4.988	6017.835	131.480
1.002	14.748			
1/2/2016 11:40:00 AM	178800.000	12.162	17.639	27.722
7607.141	8851.585	4.989	6019.078	131.455
1.002	14.747			
1/2/2016 11:45:00 AM	179100.000	12.162	17.640	27.720
7607.433	8851.732	4.989	6019.178	131.450
1.002	14.745			
1/2/2016 11:50:00 AM	179400.000	12.162	17.640	27.721
7608.425	8852.887	4.990	6019.963	131.433
1.002	14.744			
1/2/2016 11:55:00 AM	179700.000	12.163	17.640	27.723
7608.826	8853.354	4.990	6020.281	131.426
1.002	14.743			
1/2/2016 12:00:00 PM	180000.000	12.161	17.640	27.719
7606.626	8850.934	4.989	6018.635	131.464
1.002	14.742			
1/2/2016 12:05:00 PM	180300.000	12.162	17.639	27.720
7604.359	8848.448	4.987	6016.945	131.504
1.002	14.741			
1/2/2016 12:10:00 PM	180600.000	12.161	17.640	27.719

7605.788	8849.854	4.988	6017.901	131.479
1.002	14.740			
1/2/2016 12:15:00 PM	180900.000	12.159	17.640	27.714
7607.007	8851.309	4.989	6018.891	131.458
1.002	14.738			
1/2/2016 12:20:00 PM	181200.000	12.159	17.639	27.715
7606.904	8851.395	4.989	6018.949	131.460
1.002	14.736			
1/2/2016 12:25:00 PM	181500.000	12.162	17.639	27.721
7606.664	8851.047	4.989	6018.712	131.464
1.002	14.733			
1/2/2016 12:30:00 PM	181800.000	12.162	17.639	27.721
7605.912	8850.241	4.988	6018.164	131.477
1.002	14.731			
1/2/2016 12:35:00 PM	182100.000	12.166	17.639	27.730
7608.841	8853.547	4.990	6020.413	131.426
1.002	14.728			
1/2/2016 12:40:00 PM	182400.000	12.168	17.641	27.734
7607.547	8851.765	4.989	6019.200	131.448
1.002	14.725			
1/2/2016 12:45:00 PM	182700.000	12.169	17.640	27.737
7608.583	8853.142	4.990	6020.136	131.431
1.002	14.722			
1/2/2016 12:50:00 PM	183000.000	12.166	17.641	27.730
7608.332	8852.712	4.990	6019.845	131.435
1.002	14.724			
1/2/2016 12:55:00 PM	183300.000	12.162	17.640	27.721
7609.020	8853.719	4.990	6020.529	131.423
1.002	14.727			
1/2/2016 1:00:00 PM	183600.000	12.158	17.639	27.712
7608.124	8852.763	4.990	6019.879	131.438
1.002	14.729			
1/2/2016 1:05:00 PM	183900.000	12.160	17.639	27.716
7606.326	8850.688	4.988	6018.468	131.470
1.002	14.726			
1/2/2016 1:10:00 PM	184200.000	12.162	17.639	27.721
7608.645	8853.318	4.990	6020.256	131.429
1.002	14.722			
1/2/2016 1:15:00 PM	184500.000	12.167	17.640	27.732
7608.657	8853.107	4.990	6020.113	131.429
1.002	14.719			
1/2/2016 1:20:00 PM	184800.000	12.166	17.639	27.730
7609.766	8854.689	4.991	6021.189	131.410
1.002	14.718			
1/2/2016 1:25:00 PM	185100.000	12.167	17.640	27.733
7607.751	8852.054	4.989	6019.397	131.445
1.002	14.716			
1/2/2016 1:30:00 PM	185400.000	12.168	17.641	27.734
7606.407	8850.454	4.988	6018.310	131.468
1.002	14.715			
1/2/2016 1:35:00 PM	185700.000	12.167	17.640	27.732
7609.424	8854.000	4.990	6020.721	131.416
1.002	14.716			
1/2/2016 1:40:00 PM	186000.000	12.166	17.640	27.730
7606.750	8850.974	4.989	6018.663	131.462
1.002	14.717			
1/2/2016 1:45:00 PM	186300.000	12.166	17.640	27.730

7606.950	8851.171	4.989	6018.796	131.459
1.002	14.718			
1/2/2016 1:50:00 PM	186600.000	12.164	17.641	27.726
7610.425	8855.114	4.991	6021.478	131.399
1.002	14.717			
1/2/2016 1:55:00 PM	186900.000	12.164	17.640	27.725
7608.767	8853.355	4.990	6020.282	131.427
1.002	14.717			
1/2/2016 2:00:00 PM	187200.000	12.166	17.640	27.730
7608.732	8853.280	4.990	6020.231	131.428
1.002	14.716			
1/2/2016 2:05:00 PM	187500.000	12.164	17.640	27.727
7606.392	8850.576	4.988	6018.393	131.468
1.002	14.717			
1/2/2016 2:10:00 PM	187800.000	12.163	17.640	27.724
7608.938	8853.484	4.990	6020.370	131.424
1.002	14.717			
1/2/2016 2:15:00 PM	188100.000	12.163	17.640	27.723
7608.056	8852.458	4.990	6019.671	131.440
1.002	14.718			
1/2/2016 2:20:00 PM	188400.000	12.162	17.639	27.722
7609.348	8854.170	4.991	6020.836	131.417
1.002	14.720			
1/2/2016 2:25:00 PM	188700.000	12.162	17.640	27.721
7609.797	8854.572	4.991	6021.109	131.410
1.002	14.721			
1/2/2016 2:30:00 PM	189000.000	12.160	17.639	27.715
7609.206	8853.988	4.990	6020.712	131.420
1.002	14.723			
1/2/2016 2:35:00 PM	189300.000	12.165	17.640	27.728
7607.733	8852.050	4.989	6019.395	131.445
1.002	14.718			
1/2/2016 2:40:00 PM	189600.000	12.169	17.640	27.736
7608.184	8852.557	4.990	6019.739	131.437
1.002	14.714			
1/2/2016 2:45:00 PM	189900.000	12.174	17.640	27.748
7611.677	8856.691	4.992	6022.551	131.377
1.002	14.709			
1/2/2016 2:50:00 PM	190200.000	12.171	17.640	27.741
7610.066	8854.797	4.991	6021.262	131.405
1.002	14.709			
1/2/2016 2:55:00 PM	190500.000	12.171	17.640	27.740
7606.632	8850.940	4.989	6018.640	131.464
1.002	14.709			
1/2/2016 3:00:00 PM	190800.000	12.169	17.639	27.738
7609.577	8854.420	4.991	6021.006	131.413
1.002	14.709			
1/2/2016 3:05:00 PM	191100.000	12.167	17.639	27.732
7607.670	8852.236	4.989	6019.521	131.446
1.002	14.709			
1/2/2016 3:10:00 PM	191400.000	12.165	17.641	27.729
7606.348	8850.369	4.988	6018.251	131.469
1.002	14.709			
1/2/2016 3:15:00 PM	191700.000	12.166	17.641	27.730
7608.430	8852.774	4.990	6019.887	131.433
1.002	14.709			
1/2/2016 3:20:00 PM	192000.000	12.164	17.640	27.726

7607.506	8851.803	4.989	6019.227	131.449
1.002	14.709			
1/2/2016 3:25:00 PM	192300.000	12.165	17.640	27.729
7608.862	8853.501	4.990	6020.381	131.426
1.002	14.709			
1/2/2016 3:30:00 PM	192600.000	12.164	17.639	27.725
7608.033	8852.587	4.990	6019.760	131.440
1.002	14.709			
1/2/2016 3:35:00 PM	192900.000	12.161	17.640	27.718
7608.375	8852.813	4.990	6019.913	131.434
1.002	14.711			
1/2/2016 3:40:00 PM	193200.000	12.161	17.639	27.718
7609.441	8854.245	4.991	6020.887	131.416
1.002	14.712			
1/2/2016 3:45:00 PM	193500.000	12.159	17.640	27.713
7609.848	8854.599	4.991	6021.127	131.409
1.002	14.714			
1/2/2016 3:50:00 PM	193800.000	12.161	17.639	27.718
7609.366	8854.175	4.991	6020.839	131.417
1.002	14.712			
1/2/2016 3:55:00 PM	194100.000	12.163	17.640	27.722
7607.815	8852.214	4.989	6019.505	131.444
1.002	14.710			
1/2/2016 4:00:00 PM	194400.000	12.165	17.639	27.728
7610.796	8855.873	4.992	6021.994	131.392
1.002	14.709			
1/2/2016 4:05:00 PM	194700.000	12.165	17.639	27.727
7610.395	8855.336	4.991	6021.629	131.399
1.002	14.709			
1/2/2016 4:10:00 PM	195000.000	12.164	17.640	27.726
7609.081	8853.739	4.990	6020.543	131.422
1.002	14.710			
1/2/2016 4:15:00 PM	195300.000	12.161	17.640	27.719
7609.103	8853.627	4.990	6020.467	131.422
1.002	14.711			
1/2/2016 4:20:00 PM	195600.000	12.164	17.640	27.726
7611.682	8856.816	4.992	6022.635	131.377
1.002	14.708			
1/2/2016 4:25:00 PM	195900.000	12.166	17.640	27.730
7609.291	8853.845	4.990	6020.615	131.418
1.002	14.705			
1/2/2016 4:30:00 PM	196200.000	12.169	17.639	27.737
7609.893	8854.873	4.991	6021.314	131.408
1.002	14.702			
1/2/2016 4:35:00 PM	196500.000	12.171	17.639	27.742
7611.600	8856.791	4.992	6022.618	131.378
1.002	14.702			
1/2/2016 4:40:00 PM	196800.000	12.172	17.641	27.743
7607.759	8852.026	4.989	6019.378	131.445
1.002	14.702			
1/2/2016 4:45:00 PM	197100.000	12.173	17.639	27.746
7607.833	8852.355	4.989	6019.602	131.443
1.002	14.701			
1/2/2016 4:50:00 PM	197400.000	12.168	17.640	27.734
7608.024	8852.510	4.990	6019.707	131.440
1.002	14.704			
1/2/2016 4:55:00 PM	197700.000	12.166	17.639	27.729

7607.350	8851.828	4.989	6019.243	131.452
1.002	14.707			
1/2/2016 5:00:00 PM	198000.000	12.161	17.640	27.718
7609.073	8853.661	4.990	6020.490	131.422
1.002	14.710			
1/2/2016 5:05:00 PM	198300.000	12.164	17.640	27.725
7609.008	8853.585	4.990	6020.438	131.423
1.002	14.708			
1/2/2016 5:10:00 PM	198600.000	12.166	17.640	27.730
7606.261	8850.509	4.988	6018.346	131.471
1.002	14.706			
1/2/2016 5:15:00 PM	198900.000	12.168	17.639	27.734
7606.238	8850.552	4.988	6018.376	131.471
1.002	14.704			
1/2/2016 5:20:00 PM	199200.000	12.169	17.639	27.737
7606.453	8850.768	4.989	6018.522	131.467
1.002	14.704			
1/2/2016 5:25:00 PM	199500.000	12.169	17.639	27.736
7608.221	8852.892	4.990	6019.967	131.437
1.002	14.704			
1/2/2016 5:30:00 PM	199800.000	12.169	17.641	27.736
7605.750	8849.656	4.988	6017.767	131.479
1.002	14.704			
1/2/2016 5:35:00 PM	200100.000	12.169	17.641	27.737
7606.733	8850.853	4.989	6018.580	131.462
1.002	14.703			
1/2/2016 5:40:00 PM	200400.000	12.166	17.640	27.731
7605.663	8849.744	4.988	6017.827	131.481
1.002	14.702			
1/2/2016 5:45:00 PM	200700.000	12.169	17.640	27.737
7603.646	8847.362	4.986	6016.207	131.516
1.002	14.701			
1/2/2016 5:50:00 PM	201000.000	12.170	17.639	27.739
7605.949	8850.233	4.988	6018.159	131.476
1.002	14.701			
1/2/2016 5:55:00 PM	201300.000	12.169	17.640	27.736
7605.130	8849.021	4.987	6017.334	131.490
1.002	14.701			
1/2/2016 6:00:00 PM	201600.000	12.170	17.640	27.739
7603.061	8846.646	4.986	6015.719	131.526
1.002	14.701			
1/2/2016 6:05:00 PM	201900.000	12.165	17.639	27.729
7606.934	8851.412	4.989	6018.961	131.459
1.002	14.703			
1/2/2016 6:10:00 PM	202200.000	12.164	17.639	27.726
7603.399	8847.248	4.986	6016.129	131.520
1.002	14.705			
1/2/2016 6:15:00 PM	202500.000	12.162	17.639	27.720
7604.152	8848.125	4.987	6016.726	131.507
1.002	14.707			
1/2/2016 6:20:00 PM	202800.000	12.165	17.640	27.728
7604.490	8848.293	4.987	6016.839	131.501
1.002	14.704			
1/2/2016 6:25:00 PM	203100.000	12.169	17.638	27.737
7606.343	8850.810	4.989	6018.551	131.469
1.002	14.701			
1/2/2016 6:30:00 PM	203400.000	12.169	17.640	27.738

7602.944	8846.580	4.986	6015.675	131.528
1.002	14.698			
1/2/2016 6:35:00 PM	203700.000	12.166	17.639	27.731
7602.294	8846.046	4.986	6015.311	131.539
1.002	14.699			
1/2/2016 6:40:00 PM	204000.000	12.168	17.641	27.735
7600.640	8843.743	4.984	6013.746	131.568
1.002	14.699			
1/2/2016 6:45:00 PM	204300.000	12.167	17.640	27.732
7602.420	8845.886	4.986	6015.203	131.537
1.002	14.700			
1/2/2016 6:50:00 PM	204600.000	12.166	17.639	27.729
7602.646	8846.371	4.986	6015.533	131.533
1.002	14.701			
1/2/2016 6:55:00 PM	204900.000	12.167	17.640	27.733
7604.031	8847.794	4.987	6016.500	131.509
1.002	14.701			
1/2/2016 7:00:00 PM	205200.000	12.168	17.639	27.735
7603.239	8847.079	4.986	6016.014	131.523
1.002	14.702			
1/2/2016 7:05:00 PM	205500.000	12.166	17.640	27.730
7601.923	8845.289	4.985	6014.797	131.546
1.002	14.703			
1/2/2016 7:10:00 PM	205800.000	12.166	17.640	27.729
7601.971	8845.362	4.985	6014.846	131.545
1.002	14.703			
1/2/2016 7:15:00 PM	206100.000	12.165	17.639	27.728
7601.690	8845.311	4.985	6014.812	131.550
1.002	14.704			
1/2/2016 7:20:00 PM	206400.000	12.165	17.640	27.727
7602.812	8846.341	4.986	6015.512	131.530
1.002	14.704			
1/2/2016 7:25:00 PM	206700.000	12.165	17.640	27.729
7604.865	8848.729	4.987	6017.137	131.495
1.002	14.705			
1/2/2016 7:30:00 PM	207000.000	12.167	17.640	27.732
7603.667	8847.407	4.986	6016.237	131.515
1.002	14.705			
1/2/2016 7:35:00 PM	207300.000	12.168	17.640	27.735
7601.079	8844.410	4.985	6014.199	131.560
1.002	14.705			
1/2/2016 7:40:00 PM	207600.000	12.168	17.641	27.734
7601.092	8844.269	4.985	6014.103	131.560
1.002	14.706			
1/2/2016 7:45:00 PM	207900.000	12.168	17.640	27.735
7603.395	8847.174	4.986	6016.079	131.520
1.002	14.707			
1/2/2016 7:50:00 PM	208200.000	12.167	17.640	27.732
7601.333	8844.671	4.985	6014.376	131.556
1.002	14.706			
1/2/2016 7:55:00 PM	208500.000	12.168	17.640	27.736
7602.019	8845.488	4.985	6014.933	131.544
1.002	14.706			
1/2/2016 8:00:00 PM	208800.000	12.168	17.640	27.736
7602.608	8846.174	4.986	6015.398	131.534
1.002	14.706			
1/2/2016 8:05:00 PM	209100.000	12.172	17.640	27.744

7601.041	8844.384	4.985	6014.182	131.561
1.002	14.704			
1/2/2016 8:10:00 PM	209400.000	12.173	17.639	27.746
7599.593	8842.786	4.984	6013.095	131.586
1.002	14.703			
1/2/2016 8:15:00 PM	209700.000	12.176	17.639	27.752
7599.892	8843.167	4.984	6013.354	131.581
1.002	14.702			
1/2/2016 8:20:00 PM	210000.000	12.173	17.640	27.745
7600.508	8843.695	4.984	6013.713	131.570
1.002	14.705			
1/2/2016 8:25:00 PM	210300.000	12.171	17.640	27.741
7600.538	8843.661	4.984	6013.689	131.570
1.002	14.708			
1/2/2016 8:30:00 PM	210600.000	12.167	17.640	27.733
7600.726	8844.034	4.984	6013.944	131.566
1.002	14.711			
1/2/2016 8:35:00 PM	210900.000	12.165	17.639	27.729
7599.580	8842.837	4.984	6013.130	131.586
1.002	14.713			
1/2/2016 8:40:00 PM	211200.000	12.165	17.640	27.727
7600.067	8843.218	4.984	6013.389	131.578
1.002	14.716			
1/2/2016 8:45:00 PM	211500.000	12.164	17.639	27.727
7598.695	8841.758	4.983	6012.396	131.602
1.002	14.718			
1/2/2016 8:50:00 PM	211800.000	12.164	17.640	27.724
7597.908	8840.738	4.982	6011.703	131.615
1.002	14.719			
1/2/2016 8:55:00 PM	212100.000	12.162	17.639	27.720
7598.624	8841.659	4.983	6012.329	131.603
1.002	14.719			
1/2/2016 9:00:00 PM	212400.000	12.162	17.639	27.720
7601.209	8844.820	4.985	6014.478	131.558
1.002	14.720			
1/2/2016 9:05:00 PM	212700.000	12.167	17.640	27.732
7601.495	8844.963	4.985	6014.575	131.553
1.002	14.716			
1/2/2016 9:10:00 PM	213000.000	12.169	17.640	27.738
7599.049	8841.962	4.983	6012.535	131.595
1.002	14.713			
1/2/2016 9:15:00 PM	213300.000	12.172	17.640	27.745
7599.520	8842.511	4.984	6012.908	131.587
1.002	14.710			
1/2/2016 9:20:00 PM	213600.000	12.168	17.640	27.735
7599.225	8842.183	4.983	6012.685	131.592
1.002	14.714			
1/2/2016 9:25:00 PM	213900.000	12.164	17.639	27.725
7599.975	8843.297	4.984	6013.442	131.579
1.002	14.719			
1/2/2016 9:30:00 PM	214200.000	12.159	17.640	27.715
7599.759	8842.840	4.984	6013.132	131.583
1.002	14.724			
1/2/2016 9:35:00 PM	214500.000	12.161	17.640	27.719
7598.647	8841.565	4.983	6012.265	131.602
1.002	14.721			
1/2/2016 9:40:00 PM	214800.000	12.162	17.639	27.721

7598.647	8841.737	4.983	6012.381	131.602
1.002	14.718			
1/2/2016 9:45:00 PM	215100.000	12.164	17.639	27.726
7598.760	8841.918	4.983	6012.504	131.600
1.002	14.716			
1/2/2016 9:50:00 PM	215400.000	12.166	17.641	27.730
7599.798	8842.783	4.984	6013.093	131.582
1.002	14.715			
1/2/2016 9:55:00 PM	215700.000	12.168	17.639	27.735
7598.181	8841.244	4.983	6012.046	131.610
1.002	14.715			
1/2/2016 10:00:00 PM	216000.000	12.170	17.639	27.739
7598.611	8841.677	4.983	6012.340	131.603
1.002	14.714			
1/2/2016 10:05:00 PM	216300.000	12.169	17.640	27.736
7597.351	8839.987	4.982	6011.192	131.625
1.002	14.715			
1/2/2016 10:10:00 PM	216600.000	12.168	17.640	27.735
7596.633	8839.187	4.982	6010.647	131.637
1.002	14.716			
1/2/2016 10:15:00 PM	216900.000	12.167	17.640	27.732
7597.665	8840.387	4.982	6011.463	131.619
1.002	14.717			
1/2/2016 10:20:00 PM	217200.000	12.167	17.640	27.733
7597.623	8840.318	4.982	6011.417	131.620
1.002	14.715			
1/2/2016 10:25:00 PM	217500.000	12.173	17.639	27.747
7596.197	8838.867	4.981	6010.430	131.645
1.002	14.714			
1/2/2016 10:30:00 PM	217800.000	12.168	17.640	27.734
7597.037	8839.741	4.982	6011.024	131.630
1.002	14.712			
1/2/2016 10:35:00 PM	218100.000	12.165	17.640	27.729
7595.644	8838.016	4.981	6009.851	131.654
1.002	14.711			
1/2/2016 10:40:00 PM	218400.000	12.166	17.640	27.729
7593.811	8835.953	4.980	6008.449	131.686
1.002	14.710			
1/2/2016 10:45:00 PM	218700.000	12.166	17.640	27.729
7596.318	8838.871	4.981	6010.433	131.643
1.002	14.709			
1/2/2016 10:50:00 PM	219000.000	12.168	17.639	27.734
7595.302	8837.877	4.981	6009.756	131.660
1.002	14.708			
1/2/2016 10:55:00 PM	219300.000	12.168	17.641	27.734
7596.033	8838.383	4.981	6010.101	131.648
1.002	14.706			
1/2/2016 11:00:00 PM	219600.000	12.168	17.640	27.735
7595.943	8838.364	4.981	6010.088	131.649
1.002	14.705			
1/2/2016 11:05:00 PM	219900.000	12.168	17.639	27.734
7595.042	8837.490	4.980	6009.494	131.665
1.002	14.706			
1/2/2016 11:10:00 PM	220200.000	12.167	17.640	27.733
7595.120	8837.494	4.980	6009.496	131.663
1.002	14.707			
1/2/2016 11:15:00 PM	220500.000	12.166	17.640	27.730

7595.224	8837.648	4.981	6009.602	131.662
1.002	14.708			
1/2/2016 11:20:00 PM	220800.000	12.164	17.639	27.727
7595.777	8838.448	4.981	6010.145	131.652
1.002	14.710			
1/2/2016 11:25:00 PM	221100.000	12.165	17.639	27.727
7594.079	8836.387	4.980	6008.743	131.682
1.002	14.711			
1/2/2016 11:30:00 PM	221400.000	12.163	17.640	27.723
7595.934	8838.373	4.981	6010.094	131.649
1.002	14.712			
1/2/2016 11:35:00 PM	221700.000	12.167	17.640	27.731
7594.082	8836.183	4.980	6008.604	131.681
1.002	14.710			
1/2/2016 11:40:00 PM	222000.000	12.167	17.639	27.733
7596.008	8838.666	4.981	6010.293	131.648
1.002	14.707			
1/2/2016 11:45:00 PM	222300.000	12.169	17.639	27.738
7594.917	8837.325	4.980	6009.382	131.667
1.002	14.705			
1/2/2016 11:50:00 PM	222600.000	12.169	17.641	27.737
7595.846	8838.132	4.981	6009.930	131.651
1.002	14.704			
1/2/2016 11:55:00 PM	222900.000	12.169	17.640	27.738
7595.021	8837.380	4.980	6009.419	131.665
1.002	14.704			
1/3/2016 12:00:00 AM	223200.000	12.168	17.639	27.735
7594.296	8836.674	4.980	6008.939	131.678
1.002	14.703			
1/3/2016 12:05:00 AM	223500.000	12.166	17.640	27.730
7594.555	8836.699	4.980	6008.956	131.673
1.002	14.704			
1/3/2016 12:10:00 AM	223800.000	12.166	17.640	27.729
7595.476	8837.941	4.981	6009.800	131.657
1.002	14.704			
1/3/2016 12:15:00 AM	224100.000	12.164	17.639	27.727
7594.220	8836.551	4.980	6008.855	131.679
1.002	14.704			
1/3/2016 12:20:00 AM	224400.000	12.166	17.640	27.730
7594.393	8836.580	4.980	6008.875	131.676
1.002	14.702			
1/3/2016 12:25:00 AM	224700.000	12.167	17.640	27.733
7596.188	8838.720	4.981	6010.330	131.645
1.002	14.700			
1/3/2016 12:30:00 AM	225000.000	12.168	17.639	27.734
7594.189	8836.479	4.980	6008.806	131.680
1.002	14.698			
1/3/2016 12:35:00 AM	225300.000	12.167	17.640	27.733
7596.226	8838.748	4.981	6010.349	131.644
1.002	14.698			
1/3/2016 12:40:00 AM	225600.000	12.167	17.639	27.733
7594.868	8837.269	4.980	6009.343	131.668
1.002	14.697			
1/3/2016 12:45:00 AM	225900.000	12.166	17.640	27.729
7596.916	8839.617	4.982	6010.940	131.632
1.002	14.697			
1/3/2016 12:50:00 AM	226200.000	12.167	17.640	27.732

7594.923	8837.127	4.980	6009.247	131.667
1.002	14.697			
1/3/2016 12:55:00 AM	226500.000	12.168	17.640	27.735
7594.370	8836.621	4.980	6008.902	131.676
1.002	14.696			
1/3/2016 1:00:00 AM	226800.000	12.169	17.640	27.737
7593.246	8835.176	4.979	6007.920	131.696
1.002	14.696			
1/3/2016 1:05:00 AM	227100.000	12.167	17.639	27.732
7596.615	8839.321	4.982	6010.739	131.638
1.002	14.696			
1/3/2016 1:10:00 AM	227400.000	12.168	17.640	27.734
7595.558	8837.900	4.981	6009.773	131.656
1.002	14.697			
1/3/2016 1:15:00 AM	227700.000	12.168	17.640	27.734
7595.005	8837.239	4.980	6009.323	131.665
1.002	14.697			
1/3/2016 1:20:00 AM	228000.000	12.169	17.639	27.736
7595.509	8838.085	4.981	6009.898	131.657
1.002	14.696			
1/3/2016 1:25:00 AM	228300.000	12.169	17.640	27.736
7594.618	8836.789	4.980	6009.017	131.672
1.002	14.695			
1/3/2016 1:30:00 AM	228600.000	12.170	17.639	27.740
7596.310	8838.966	4.981	6010.497	131.643
1.002	14.693			
1/3/2016 1:35:00 AM	228900.000	12.170	17.640	27.740
7594.780	8837.115	4.980	6009.239	131.669
1.002	14.693			
1/3/2016 1:40:00 AM	229200.000	12.172	17.639	27.743
7595.001	8837.443	4.980	6009.462	131.666
1.002	14.693			
1/3/2016 1:45:00 AM	229500.000	12.170	17.640	27.739
7594.206	8836.481	4.980	6008.808	131.679
1.002	14.693			
1/3/2016 1:50:00 AM	229800.000	12.171	17.639	27.741
7595.743	8838.323	4.981	6010.061	131.653
1.002	14.693			
1/3/2016 1:55:00 AM	230100.000	12.170	17.639	27.740
7594.927	8837.390	4.980	6009.425	131.667
1.002	14.693			
1/3/2016 2:00:00 AM	230400.000	12.170	17.640	27.739
7589.857	8831.371	4.977	6005.333	131.755
1.002	14.693			
1/3/2016 2:05:00 AM	230700.000	12.170	17.640	27.740
7591.519	8833.338	4.978	6006.670	131.726
1.002	14.692			
1/3/2016 2:10:00 AM	231000.000	12.172	17.640	27.743
7589.967	8831.377	4.977	6005.337	131.753
1.002	14.692			
1/3/2016 2:15:00 AM	231300.000	12.173	17.640	27.745
7588.711	8829.949	4.976	6004.366	131.775
1.002	14.691			
1/3/2016 2:20:00 AM	231600.000	12.171	17.640	27.741
7590.265	8831.878	4.977	6005.678	131.748
1.002	14.692			
1/3/2016 2:25:00 AM	231900.000	12.166	17.639	27.730

7586.201	8827.203	4.974	6002.498	131.818
1.002	14.693			
1/3/2016 2:30:00 AM	232200.000	12.166	17.640	27.731
7585.655	8826.359	4.974	6001.924	131.828
1.002	14.695			
1/3/2016 2:35:00 AM	232500.000	12.166	17.640	27.730
7584.183	8824.647	4.973	6000.761	131.853
1.002	14.695			
1/3/2016 2:40:00 AM	232800.000	12.166	17.640	27.730
7582.863	8823.215	4.972	5999.786	131.876
1.002	14.695			
1/3/2016 2:45:00 AM	233100.000	12.167	17.640	27.731
7584.487	8825.054	4.973	6001.037	131.848
1.002	14.695			
1/3/2016 2:50:00 AM	233400.000	12.168	17.639	27.735
7584.213	8824.924	4.973	6000.948	131.853
1.002	14.694			
1/3/2016 2:55:00 AM	233700.000	12.169	17.639	27.736
7585.468	8826.467	4.974	6001.998	131.831
1.002	14.693			
1/3/2016 3:00:00 AM	234000.000	12.169	17.639	27.737
7586.670	8827.886	4.975	6002.962	131.810
1.002	14.692			
1/3/2016 3:05:00 AM	234300.000	12.167	17.639	27.733
7584.480	8825.201	4.973	6001.137	131.848
1.002	14.692			
1/3/2016 3:10:00 AM	234600.000	12.167	17.639	27.733
7584.215	8824.909	4.973	6000.939	131.853
1.002	14.691			
1/3/2016 3:15:00 AM	234900.000	12.167	17.641	27.733
7586.958	8827.773	4.975	6002.886	131.805
1.002	14.690			
1/3/2016 3:20:00 AM	235200.000	12.165	17.640	27.729
7584.293	8824.930	4.973	6000.952	131.851
1.002	14.691			
1/3/2016 3:25:00 AM	235500.000	12.163	17.640	27.724
7582.887	8823.277	4.972	5999.829	131.876
1.002	14.692			
1/3/2016 3:30:00 AM	235800.000	12.162	17.640	27.720
7583.584	8823.934	4.972	6000.275	131.864
1.002	14.693			
1/3/2016 3:35:00 AM	236100.000	12.164	17.639	27.726
7583.960	8824.577	4.973	6000.713	131.857
1.002	14.690			
1/3/2016 3:40:00 AM	236400.000	12.165	17.640	27.728
7581.544	8821.646	4.971	5998.720	131.899
1.002	14.687			
1/3/2016 3:45:00 AM	236700.000	12.167	17.639	27.733
7583.904	8824.512	4.973	6000.668	131.858
1.002	14.685			
1/3/2016 3:50:00 AM	237000.000	12.166	17.640	27.730
7582.124	8822.304	4.971	5999.167	131.889
1.002	14.684			
1/3/2016 3:55:00 AM	237300.000	12.168	17.640	27.735
7583.720	8824.246	4.972	6000.488	131.861
1.002	14.683			
1/3/2016 4:00:00 AM	237600.000	12.169	17.639	27.737

7579.921	8819.929	4.970	5997.552	131.928
1.002	14.682			
1/3/2016 4:05:00 AM	237900.000	12.166	17.638	27.729
7580.049	8820.247	4.970	5997.769	131.925
1.002	14.683			
1/3/2016 4:10:00 AM	238200.000	12.165	17.640	27.727
7579.214	8818.970	4.969	5996.899	131.940
1.002	14.684			
1/3/2016 4:15:00 AM	238500.000	12.163	17.640	27.722
7579.500	8819.199	4.969	5997.056	131.935
1.002	14.685			
1/3/2016 4:20:00 AM	238800.000	12.166	17.639	27.731
7580.249	8820.328	4.970	5997.824	131.922
1.002	14.681			
1/3/2016 4:25:00 AM	239100.000	12.170	17.640	27.740
7580.135	8820.005	4.970	5997.604	131.924
1.002	14.677			
1/3/2016 4:30:00 AM	239400.000	12.172	17.640	27.744
7581.593	8821.771	4.971	5998.805	131.898
1.002	14.673			
1/3/2016 4:35:00 AM	239700.000	12.173	17.640	27.745
7581.288	8821.279	4.971	5998.470	131.904
1.002	14.671			
1/3/2016 4:40:00 AM	240000.000	12.175	17.640	27.750
7580.929	8820.894	4.970	5998.208	131.910
1.002	14.669			
1/3/2016 4:45:00 AM	240300.000	12.177	17.640	27.755
7578.694	8818.382	4.969	5996.500	131.949
1.002	14.667			
1/3/2016 4:50:00 AM	240600.000	12.175	17.640	27.750
7578.110	8817.702	4.969	5996.038	131.959
1.002	14.668			
1/3/2016 4:55:00 AM	240900.000	12.174	17.639	27.747
7577.884	8817.610	4.968	5995.976	131.963
1.002	14.669			
1/3/2016 5:00:00 AM	241200.000	12.173	17.640	27.745
7580.149	8820.022	4.970	5997.615	131.924
1.002	14.670			
1/3/2016 5:05:00 AM	241500.000	12.171	17.640	27.741
7580.685	8820.665	4.970	5998.053	131.914
1.002	14.672			
1/3/2016 5:10:00 AM	241800.000	12.171	17.640	27.741
7580.035	8819.804	4.970	5997.467	131.926
1.002	14.673			
1/3/2016 5:15:00 AM	242100.000	12.167	17.639	27.732
7579.451	8819.349	4.970	5997.158	131.936
1.002	14.675			
1/3/2016 5:20:00 AM	242400.000	12.170	17.639	27.738
7580.656	8820.751	4.970	5998.111	131.915
1.002	14.674			
1/3/2016 5:25:00 AM	242700.000	12.170	17.640	27.739
7578.858	8818.470	4.969	5996.560	131.946
1.002	14.673			
1/3/2016 5:30:00 AM	243000.000	12.172	17.640	27.743
7579.966	8819.829	4.970	5997.484	131.927
1.002	14.672			
1/3/2016 5:35:00 AM	243300.000	12.173	17.639	27.746

7578.795	8818.566	4.969	5996.625	131.947
1.002	14.670			
1/3/2016 5:40:00 AM	243600.000	12.177	17.639	27.754
7581.510	8821.762	4.971	5998.798	131.900
1.002	14.669			
1/3/2016 5:45:00 AM	243900.000	12.176	17.641	27.752
7579.545	8819.149	4.969	5997.021	131.934
1.002	14.667			
1/3/2016 5:50:00 AM	244200.000	12.176	17.640	27.753
7581.618	8821.730	4.971	5998.777	131.898
1.002	14.666			
1/3/2016 5:55:00 AM	244500.000	12.175	17.639	27.750
7578.953	8818.854	4.969	5996.820	131.944
1.002	14.665			
1/3/2016 6:00:00 AM	244800.000	12.176	17.639	27.754
7581.364	8821.626	4.971	5998.706	131.902
1.002	14.664			
1/3/2016 6:05:00 AM	245100.000	12.178	17.639	27.757
7579.586	8819.573	4.970	5997.310	131.933
1.002	14.665			
1/3/2016 6:10:00 AM	245400.000	12.175	17.639	27.750
7581.086	8821.232	4.971	5998.438	131.907
1.002	14.666			
1/3/2016 6:15:00 AM	245700.000	12.174	17.640	27.749
7579.910	8819.813	4.970	5997.473	131.928
1.002	14.666			
1/3/2016 6:20:00 AM	246000.000	12.174	17.641	27.747
7579.389	8819.036	4.969	5996.945	131.937
1.002	14.669			
1/3/2016 6:25:00 AM	246300.000	12.170	17.641	27.739
7578.095	8817.479	4.968	5995.885	131.959
1.002	14.671			
1/3/2016 6:30:00 AM	246600.000	12.167	17.639	27.731
7578.998	8818.803	4.969	5996.787	131.944
1.002	14.674			
1/3/2016 6:35:00 AM	246900.000	12.168	17.640	27.734
7579.313	8819.135	4.969	5997.012	131.938
1.002	14.673			
1/3/2016 6:40:00 AM	247200.000	12.167	17.640	27.732
7579.103	8818.736	4.969	5996.741	131.942
1.002	14.672			
1/3/2016 6:45:00 AM	247500.000	12.169	17.640	27.736
7581.577	8821.703	4.971	5998.759	131.899
1.002	14.672			
1/3/2016 6:50:00 AM	247800.000	12.169	17.639	27.737
7580.125	8820.185	4.970	5997.726	131.924
1.002	14.670			
1/3/2016 6:55:00 AM	248100.000	12.170	17.641	27.740
7578.614	8818.100	4.969	5996.308	131.950
1.002	14.669			
1/3/2016 7:00:00 AM	248400.000	12.171	17.640	27.741
7580.011	8819.825	4.970	5997.481	131.926
1.002	14.667			
1/3/2016 7:05:00 AM	248700.000	12.169	17.640	27.738
7581.459	8821.495	4.971	5998.617	131.901
1.002	14.669			
1/3/2016 7:10:00 AM	249000.000	12.169	17.640	27.736

7580.982	8821.077	4.971	5998.333	131.909
1.002	14.670			
1/3/2016 7:15:00 AM	249300.000	12.167	17.639	27.732
7580.562	8820.658	4.970	5998.048	131.916
1.002	14.672			
1/3/2016 7:20:00 AM	249600.000	12.167	17.639	27.733
7581.211	8821.448	4.971	5998.585	131.905
1.002	14.673			
1/3/2016 7:25:00 AM	249900.000	12.167	17.641	27.733
7581.920	8821.961	4.971	5998.934	131.893
1.002	14.674			
1/3/2016 7:30:00 AM	250200.000	12.165	17.640	27.728
7582.390	8822.664	4.972	5999.412	131.885
1.002	14.675			
1/3/2016 7:35:00 AM	250500.000	12.167	17.640	27.732
7581.362	8821.383	4.971	5998.541	131.902
1.002	14.673			
1/3/2016 7:40:00 AM	250800.000	12.170	17.639	27.740
7582.005	8822.354	4.971	5999.201	131.891
1.002	14.670			
1/3/2016 7:45:00 AM	251100.000	12.174	17.640	27.749
7581.050	8821.054	4.971	5998.317	131.908
1.002	14.668			
1/3/2016 7:50:00 AM	251400.000	12.173	17.640	27.747
7582.907	8823.335	4.972	5999.868	131.876
1.002	14.670			
1/3/2016 7:55:00 AM	251700.000	12.169	17.640	27.737
7583.104	8823.546	4.972	6000.011	131.872
1.002	14.671			
1/3/2016 8:00:00 AM	252000.000	12.170	17.640	27.738
7583.891	8824.479	4.973	6000.646	131.858
1.002	14.673			
1/3/2016 8:05:00 AM	252300.000	12.169	17.639	27.737
7580.395	8820.428	4.970	5997.892	131.919
1.002	14.673			
1/3/2016 8:10:00 AM	252600.000	12.168	17.640	27.735
7583.664	8824.215	4.972	6000.467	131.862
1.002	14.673			
1/3/2016 8:15:00 AM	252900.000	12.169	17.641	27.737
7582.216	8822.326	4.971	5999.182	131.888
1.002	14.673			
1/3/2016 8:20:00 AM	253200.000	12.170	17.639	27.739
7582.980	8823.473	4.972	5999.962	131.874
1.002	14.673			
1/3/2016 8:25:00 AM	253500.000	12.169	17.639	27.736
7582.844	8823.399	4.972	5999.912	131.877
1.002	14.674			
1/3/2016 8:30:00 AM	253800.000	12.170	17.639	27.738
7582.753	8823.344	4.972	5999.874	131.878
1.002	14.674			
1/3/2016 8:35:00 AM	254100.000	12.167	17.639	27.733
7582.361	8822.769	4.972	5999.483	131.885
1.002	14.677			
1/3/2016 8:40:00 AM	254400.000	12.165	17.639	27.727
7583.568	8824.120	4.972	6000.402	131.864
1.002	14.679			
1/3/2016 8:45:00 AM	254700.000	12.165	17.640	27.728

7583.670	8824.139	4.972	6000.415	131.862
1.002	14.682			
1/3/2016 8:50:00 AM	255000.000	12.167	17.640	27.732
7582.254	8822.557	4.971	5999.339	131.887
1.002	14.681			
1/3/2016 8:55:00 AM	255300.000	12.170	17.640	27.738
7585.422	8826.142	4.974	6001.777	131.832
1.002	14.681			
1/3/2016 9:00:00 AM	255600.000	12.169	17.640	27.736
7584.470	8824.980	4.973	6000.987	131.848
1.002	14.680			
1/3/2016 9:05:00 AM	255900.000	12.171	17.639	27.742
7584.893	8825.697	4.973	6001.475	131.841
1.002	14.678			
1/3/2016 9:10:00 AM	256200.000	12.173	17.640	27.746
7582.531	8822.896	4.972	5999.570	131.882
1.002	14.677			
1/3/2016 9:15:00 AM	256500.000	12.174	17.639	27.748
7585.567	8826.517	4.974	6002.031	131.829
1.002	14.675			
1/3/2016 9:20:00 AM	256800.000	12.170	17.639	27.738
7585.323	8826.248	4.974	6001.849	131.834
1.002	14.680			
1/3/2016 9:25:00 AM	257100.000	12.165	17.641	27.728
7585.281	8825.840	4.973	6001.572	131.834
1.002	14.684			
1/3/2016 9:30:00 AM	257400.000	12.161	17.639	27.719
7583.936	8824.601	4.973	6000.729	131.858
1.002	14.688			
1/3/2016 9:35:00 AM	257700.000	12.164	17.639	27.725
7584.662	8825.529	4.973	6001.360	131.845
1.002	14.684			
1/3/2016 9:40:00 AM	258000.000	12.169	17.639	27.737
7584.991	8825.846	4.973	6001.576	131.839
1.002	14.679			
1/3/2016 9:45:00 AM	258300.000	12.173	17.640	27.746
7585.323	8825.957	4.974	6001.651	131.834
1.002	14.675			
1/3/2016 9:50:00 AM	258600.000	12.174	17.639	27.748
7584.611	8825.506	4.973	6001.345	131.846
1.002	14.674			
1/3/2016 9:55:00 AM	258900.000	12.174	17.639	27.747
7583.482	8824.091	4.972	6000.382	131.866
1.002	14.673			
1/3/2016 10:00:00 AM	259200.000	12.174	17.641	27.747
7582.028	8822.087	4.971	5999.019	131.891
1.002	14.673			
1/3/2016 10:05:00 AM	259500.000	12.172	17.639	27.745
7583.204	8823.782	4.972	6000.172	131.870
1.002	14.674			
1/3/2016 10:10:00 AM	259800.000	12.170	17.640	27.740
7583.960	8824.543	4.973	6000.689	131.857
1.002	14.675			
1/3/2016 10:15:00 AM	260100.000	12.168	17.641	27.735
7583.021	8823.263	4.972	5999.819	131.874
1.002	14.676			
1/3/2016 10:20:00 AM	260400.000	12.171	17.639	27.742

7583.223	8823.804	4.972	6000.187	131.870
1.002	14.675			
1/3/2016 10:25:00 AM	260700.000	12.172	17.640	27.743
7582.844	8823.193	4.972	5999.771	131.877
1.002	14.674			
1/3/2016 10:30:00 AM	261000.000	12.172	17.640	27.744
7583.158	8823.508	4.972	5999.986	131.871
1.002	14.673			
1/3/2016 10:35:00 AM	261300.000	12.170	17.640	27.738
7583.309	8823.663	4.972	6000.091	131.869
1.002	14.671			
1/3/2016 10:40:00 AM	261600.000	12.166	17.639	27.729
7580.674	8820.806	4.970	5998.148	131.914
1.002	14.670			
1/3/2016 10:45:00 AM	261900.000	12.173	17.639	27.745
7583.932	8824.646	4.973	6000.760	131.858
1.002	14.668			
1/3/2016 10:50:00 AM	262200.000	12.171	17.641	27.740
7581.765	8821.800	4.971	5998.824	131.895
1.002	14.668			
1/3/2016 10:55:00 AM	262500.000	12.170	17.639	27.740
7581.494	8821.726	4.971	5998.773	131.900
1.002	14.668			
1/3/2016 11:00:00 AM	262800.000	12.169	17.640	27.737
7581.910	8822.021	4.971	5998.974	131.893
1.002	14.667			
1/3/2016 11:05:00 AM	263100.000	12.170	17.641	27.738
7580.949	8820.852	4.970	5998.179	131.910
1.002	14.666			
1/3/2016 11:10:00 AM	263400.000	12.169	17.639	27.738
7579.691	8819.729	4.970	5997.417	131.932
1.002	14.665			
1/3/2016 11:15:00 AM	263700.000	12.171	17.640	27.742
7579.536	8819.395	4.970	5997.188	131.934
1.002	14.664			
1/3/2016 11:20:00 AM	264000.000	12.172	17.639	27.743
7580.007	8820.098	4.970	5997.667	131.926
1.002	14.661			
1/3/2016 11:25:00 AM	264300.000	12.174	17.640	27.749
7580.258	8820.149	4.970	5997.702	131.922
1.002	14.659			
1/3/2016 11:30:00 AM	264600.000	12.175	17.640	27.750
7580.442	8820.362	4.970	5997.847	131.918
1.002	14.657			
1/3/2016 11:35:00 AM	264900.000	12.175	17.640	27.750
7579.919	8819.807	4.970	5997.469	131.928
1.002	14.656			
1/3/2016 11:40:00 AM	265200.000	12.174	17.640	27.748
7580.003	8819.767	4.970	5997.442	131.926
1.002	14.656			
1/3/2016 11:45:00 AM	265500.000	12.172	17.641	27.743
7577.813	8817.183	4.968	5995.684	131.964
1.002	14.655			
1/3/2016 11:50:00 AM	265800.000	12.170	17.639	27.740
7581.300	8821.500	4.971	5998.621	131.904
1.002	14.655			
1/3/2016 11:55:00 AM	266100.000	12.169	17.641	27.736

7579.692	8819.304	4.969	5997.126	131.931
1.002	14.654			
1/3/2016 12:00:00 PM	266400.000	12.170	17.641	27.738
7577.997	8817.416	4.968	5995.843	131.961
1.002	14.654			
1/3/2016 12:05:00 PM	266700.000	12.171	17.639	27.740
7579.884	8819.903	4.970	5997.534	131.928
1.002	14.651			
1/3/2016 12:10:00 PM	267000.000	12.171	17.640	27.742
7581.192	8821.321	4.971	5998.499	131.905
1.002	14.648			
1/3/2016 12:15:00 PM	267300.000	12.172	17.639	27.744
7580.755	8820.933	4.970	5998.235	131.913
1.002	14.646			
1/3/2016 12:20:00 PM	267600.000	12.173	17.640	27.746
7580.315	8820.269	4.970	5997.783	131.921
1.002	14.645			
1/3/2016 12:25:00 PM	267900.000	12.171	17.640	27.742
7579.889	8819.754	4.970	5997.433	131.928
1.002	14.644			
1/3/2016 12:30:00 PM	268200.000	12.169	17.639	27.738
7581.755	8822.081	4.971	5999.015	131.896
1.002	14.643			
1/3/2016 12:35:00 PM	268500.000	12.167	17.639	27.733
7579.134	8819.133	4.969	5997.011	131.941
1.002	14.644			
1/3/2016 12:40:00 PM	268800.000	12.165	17.639	27.727
7579.100	8819.024	4.969	5996.937	131.942
1.002	14.645			
1/3/2016 12:45:00 PM	269100.000	12.164	17.639	27.725
7581.493	8821.842	4.971	5998.853	131.900
1.002	14.646			
1/3/2016 12:50:00 PM	269400.000	12.164	17.640	27.725
7579.983	8819.933	4.970	5997.554	131.926
1.002	14.644			
1/3/2016 12:55:00 PM	269700.000	12.163	17.640	27.723
7579.867	8819.798	4.970	5997.463	131.928
1.002	14.642			
1/3/2016 1:00:00 PM	270000.000	12.164	17.640	27.726
7582.674	8823.013	4.972	5999.649	131.880
1.002	14.640			
1/3/2016 1:05:00 PM	270300.000	12.163	17.639	27.723
7581.962	8822.288	4.971	5999.156	131.892
1.002	14.640			
1/3/2016 1:10:00 PM	270600.000	12.163	17.640	27.723
7581.566	8821.690	4.971	5998.750	131.899
1.002	14.639			
1/3/2016 1:15:00 PM	270900.000	12.163	17.639	27.724
7581.084	8821.250	4.971	5998.450	131.907
1.002	14.638			
1/3/2016 1:20:00 PM	271200.000	12.166	17.641	27.730
7582.333	8822.462	4.971	5999.274	131.886
1.002	14.634			
1/3/2016 1:25:00 PM	271500.000	12.170	17.640	27.739
7580.749	8820.806	4.970	5998.148	131.913
1.002	14.629			
1/3/2016 1:30:00 PM	271800.000	12.172	17.639	27.743

7580.449	8820.576	4.970	5997.992	131.918
1.002	14.625			
1/3/2016 1:35:00 PM	272100.000	12.175	17.639	27.751
7581.586	8821.918	4.971	5998.905	131.899
1.002	14.621			
1/3/2016 1:40:00 PM	272400.000	12.178	17.640	27.758
7581.407	8821.470	4.971	5998.600	131.902
1.002	14.618			
1/3/2016 1:45:00 PM	272700.000	12.180	17.640	27.762
7584.256	8824.785	4.973	6000.854	131.852
1.002	14.615			
1/3/2016 1:50:00 PM	273000.000	12.178	17.640	27.756
7581.858	8822.063	4.971	5999.004	131.894
1.002	14.617			
1/3/2016 1:55:00 PM	273300.000	12.173	17.640	27.746
7582.950	8823.281	4.972	5999.832	131.875
1.002	14.619			
1/3/2016 2:00:00 PM	273600.000	12.171	17.641	27.742
7582.828	8823.038	4.972	5999.666	131.877
1.002	14.621			
1/3/2016 2:05:00 PM	273900.000	12.170	17.640	27.739
7581.326	8821.444	4.971	5998.583	131.903
1.002	14.622			
1/3/2016 2:10:00 PM	274200.000	12.169	17.639	27.737
7580.443	8820.521	4.970	5997.955	131.918
1.002	14.623			
1/3/2016 2:15:00 PM	274500.000	12.168	17.639	27.735
7581.313	8821.582	4.971	5998.676	131.903
1.002	14.624			
1/3/2016 2:20:00 PM	274800.000	12.168	17.640	27.735
7584.345	8824.854	4.973	6000.901	131.851
1.002	14.624			
1/3/2016 2:25:00 PM	275100.000	12.168	17.640	27.735
7584.451	8825.113	4.973	6001.078	131.849
1.002	14.624			
1/3/2016 2:30:00 PM	275400.000	12.167	17.640	27.731
7580.229	8820.115	4.970	5997.678	131.922
1.002	14.624			
1/3/2016 2:35:00 PM	275700.000	12.171	17.640	27.741
7584.568	8825.184	4.973	6001.125	131.847
1.002	14.621			
1/3/2016 2:40:00 PM	276000.000	12.173	17.640	27.747
7584.149	8824.762	4.973	6000.838	131.854
1.002	14.617			
1/3/2016 2:45:00 PM	276300.000	12.178	17.640	27.757
7583.518	8823.873	4.972	6000.234	131.865
1.002	14.613			
1/3/2016 2:50:00 PM	276600.000	12.176	17.640	27.752
7585.643	8826.346	4.974	6001.916	131.828
1.002	14.618			
1/3/2016 2:55:00 PM	276900.000	12.170	17.640	27.738
7587.229	8828.209	4.975	6003.183	131.800
1.002	14.622			
1/3/2016 3:00:00 PM	277200.000	12.162	17.640	27.722
7589.588	8830.954	4.977	6005.049	131.759
1.002	14.627			
1/3/2016 3:05:00 PM	277500.000	12.167	17.640	27.732

7590.417	8831.935	4.977	6005.716	131.745
1.002	14.623			
1/3/2016 3:10:00 PM	277800.000	12.172	17.640	27.743
7590.271	8831.765	4.977	6005.601	131.748
1.002	14.619			
1/3/2016 3:15:00 PM	278100.000	12.176	17.640	27.753
7588.344	8829.593	4.976	6004.123	131.781
1.002	14.615			
1/3/2016 3:20:00 PM	278400.000	12.174	17.640	27.748
7587.813	8828.975	4.975	6003.703	131.790
1.002	14.617			
1/3/2016 3:25:00 PM	278700.000	12.172	17.640	27.743
7590.975	8832.704	4.978	6006.239	131.735
1.002	14.619			
1/3/2016 3:30:00 PM	279000.000	12.168	17.641	27.735
7590.029	8831.417	4.977	6005.364	131.752
1.002	14.621			
1/3/2016 3:35:00 PM	279300.000	12.169	17.639	27.737
7588.088	8829.415	4.976	6004.002	131.786
1.002	14.617			
1/3/2016 3:40:00 PM	279600.000	12.174	17.640	27.748
7587.808	8828.918	4.975	6003.665	131.790
1.002	14.614			
1/3/2016 3:45:00 PM	279900.000	12.178	17.641	27.757
7589.878	8831.222	4.977	6005.231	131.754
1.002	14.610			
1/3/2016 3:50:00 PM	280200.000	12.177	17.641	27.755
7589.222	8830.357	4.976	6004.644	131.766
1.002	14.612			
1/3/2016 3:55:00 PM	280500.000	12.175	17.640	27.750
7589.709	8831.181	4.977	6005.203	131.757
1.002	14.613			
1/3/2016 4:00:00 PM	280800.000	12.174	17.640	27.748
7588.845	8830.192	4.976	6004.531	131.772
1.002	14.615			
1/3/2016 4:05:00 PM	281100.000	12.172	17.640	27.745
7588.219	8829.516	4.976	6004.071	131.783
1.002	14.616			
1/3/2016 4:10:00 PM	281400.000	12.171	17.639	27.742
7586.190	8827.257	4.974	6002.535	131.818
1.002	14.616			
1/3/2016 4:15:00 PM	281700.000	12.170	17.641	27.739
7589.668	8830.826	4.976	6004.962	131.758
1.002	14.617			
1/3/2016 4:20:00 PM	282000.000	12.174	17.639	27.749
7589.026	8830.524	4.976	6004.757	131.769
1.002	14.618			
1/3/2016 4:25:00 PM	282300.000	12.169	17.641	27.738
7586.236	8826.969	4.974	6002.339	131.818
1.002	14.618			
1/3/2016 4:30:00 PM	282600.000	12.168	17.640	27.736
7586.594	8827.624	4.975	6002.784	131.811
1.002	14.618			
1/3/2016 4:35:00 PM	282900.000	12.171	17.641	27.741
7586.731	8827.560	4.974	6002.741	131.809
1.002	14.617			
1/3/2016 4:40:00 PM	283200.000	12.172	17.641	27.743

7589.653	8830.960	4.977	6005.053	131.758
1.002	14.616			
1/3/2016 4:45:00 PM	283500.000	12.175	17.641	27.750
7586.954	8827.770	4.975	6002.883	131.805
1.002	14.615			
1/3/2016 4:50:00 PM	283800.000	12.175	17.639	27.751
7586.097	8827.115	4.974	6002.438	131.820
1.002	14.614			
1/3/2016 4:55:00 PM	284100.000	12.175	17.641	27.751
7585.532	8826.115	4.974	6001.759	131.830
1.002	14.613			
1/3/2016 5:00:00 PM	284400.000	12.178	17.640	27.756
7586.584	8827.595	4.974	6002.765	131.812
1.002	14.613			
1/3/2016 5:05:00 PM	284700.000	12.175	17.640	27.751
7585.110	8825.813	4.973	6001.554	131.837
1.002	14.612			
1/3/2016 5:10:00 PM	285000.000	12.177	17.640	27.756
7587.690	8828.781	4.975	6003.571	131.792
1.002	14.612			
1/3/2016 5:15:00 PM	285300.000	12.176	17.640	27.753
7585.816	8826.650	4.974	6002.123	131.825
1.002	14.612			
1/3/2016 5:20:00 PM	285600.000	12.176	17.640	27.753
7585.286	8826.019	4.974	6001.693	131.834
1.002	14.612			
1/3/2016 5:25:00 PM	285900.000	12.178	17.640	27.756
7586.970	8828.062	4.975	6003.082	131.805
1.002	14.613			
1/3/2016 5:30:00 PM	286200.000	12.176	17.639	27.752
7585.666	8826.614	4.974	6002.098	131.828
1.002	14.613			
1/3/2016 5:35:00 PM	286500.000	12.173	17.640	27.746
7583.155	8823.451	4.972	5999.947	131.871
1.002	14.616			
1/3/2016 5:40:00 PM	286800.000	12.171	17.640	27.740
7582.758	8823.144	4.972	5999.738	131.878
1.002	14.619			
1/3/2016 5:45:00 PM	287100.000	12.168	17.640	27.734
7584.194	8824.814	4.973	6000.875	131.853
1.002	14.622			
1/3/2016 5:50:00 PM	287400.000	12.169	17.641	27.736
7584.665	8825.175	4.973	6001.120	131.845
1.002	14.619			
1/3/2016 5:55:00 PM	287700.000	12.174	17.639	27.747
7584.292	8825.099	4.973	6001.067	131.851
1.002	14.616			
1/3/2016 6:00:00 PM	288000.000	12.176	17.640	27.752
7584.302	8824.838	4.973	6000.890	131.851
1.002	14.613			
1/3/2016 6:05:00 PM	288300.000	12.175	17.639	27.750
7585.681	8826.614	4.974	6002.098	131.827
1.002	14.615			
1/3/2016 6:10:00 PM	288600.000	12.172	17.641	27.744
7583.696	8823.996	4.972	6000.317	131.862
1.002	14.616			
1/3/2016 6:15:00 PM	288900.000	12.171	17.639	27.742

7583.232	8823.800	4.972	6000.185	131.870
1.002	14.618			
1/3/2016 6:20:00 PM	289200.000	12.172	17.640	27.743
7582.751	8823.085	4.972	5999.698	131.878
1.002	14.618			
1/3/2016 6:25:00 PM	289500.000	12.173	17.640	27.747
7582.787	8823.056	4.972	5999.678	131.878
1.002	14.618			
1/3/2016 6:30:00 PM	289800.000	12.174	17.639	27.749
7582.885	8823.446	4.972	5999.944	131.876
1.002	14.619			
1/3/2016 6:35:00 PM	290100.000	12.175	17.639	27.750
7584.612	8825.354	4.973	6001.242	131.846
1.002	14.619			
1/3/2016 6:40:00 PM	290400.000	12.174	17.640	27.749
7584.730	8825.268	4.973	6001.183	131.844
1.002	14.619			
1/3/2016 6:45:00 PM	290700.000	12.174	17.640	27.748
7583.684	8824.170	4.972	6000.436	131.862
1.002	14.619			
1/3/2016 6:50:00 PM	291000.000	12.173	17.640	27.747
7584.118	8824.675	4.973	6000.779	131.854
1.002	14.621			
1/3/2016 6:55:00 PM	291300.000	12.173	17.639	27.745
7584.595	8825.487	4.973	6001.332	131.846
1.002	14.622			
1/3/2016 7:00:00 PM	291600.000	12.172	17.640	27.743
7583.822	8824.296	4.973	6000.521	131.860
1.002	14.624			
1/3/2016 7:05:00 PM	291900.000	12.173	17.639	27.745
7581.771	8822.082	4.971	5999.016	131.895
1.002	14.624			
1/3/2016 7:10:00 PM	292200.000	12.173	17.640	27.745
7583.924	8824.435	4.973	6000.616	131.858
1.002	14.624			
1/3/2016 7:15:00 PM	292500.000	12.173	17.640	27.747
7583.076	8823.428	4.972	5999.931	131.873
1.002	14.625			
1/3/2016 7:20:00 PM	292800.000	12.172	17.640	27.745
7585.030	8825.736	4.973	6001.501	131.839
1.002	14.625			
1/3/2016 7:25:00 PM	293100.000	12.173	17.639	27.745
7582.499	8822.929	4.972	5999.592	131.883
1.002	14.625			
1/3/2016 7:30:00 PM	293400.000	12.172	17.641	27.743
7585.053	8825.574	4.973	6001.391	131.838
1.002	14.625			
1/3/2016 7:35:00 PM	293700.000	12.171	17.640	27.742
7581.053	8821.093	4.971	5998.343	131.908
1.002	14.624			
1/3/2016 7:40:00 PM	294000.000	12.175	17.640	27.750
7582.185	8822.426	4.971	5999.250	131.888
1.002	14.623			
1/3/2016 7:45:00 PM	294300.000	12.175	17.640	27.751
7581.936	8822.033	4.971	5998.983	131.892
1.002	14.622			
1/3/2016 7:50:00 PM	294600.000	12.174	17.640	27.749

7584.687	8825.388	4.973	6001.264	131.845
1.002	14.623			
1/3/2016 7:55:00 PM	294900.000	12.172	17.639	27.743
7581.398	8821.699	4.971	5998.755	131.902
1.002	14.624			
1/3/2016 8:00:00 PM	295200.000	12.170	17.640	27.739
7583.976	8824.390	4.973	6000.585	131.857
1.002	14.625			
1/3/2016 8:05:00 PM	295500.000	12.171	17.639	27.742
7579.967	8820.016	4.970	5997.611	131.927
1.002	14.625			
1/3/2016 8:10:00 PM	295800.000	12.171	17.640	27.741
7581.230	8821.229	4.971	5998.437	131.905
1.002	14.625			
1/3/2016 8:15:00 PM	296100.000	12.172	17.640	27.743
7581.346	8821.363	4.971	5998.527	131.903
1.002	14.625			
1/3/2016 8:20:00 PM	296400.000	12.175	17.640	27.751
7581.400	8821.581	4.971	5998.675	131.902
1.002	14.623			
1/3/2016 8:25:00 PM	296700.000	12.176	17.639	27.753
7584.000	8824.794	4.973	6000.860	131.857
1.002	14.620			
1/3/2016 8:30:00 PM	297000.000	12.179	17.640	27.759
7581.187	8821.194	4.971	5998.413	131.905
1.002	14.618			
1/3/2016 8:35:00 PM	297300.000	12.178	17.640	27.756
7580.303	8820.221	4.970	5997.750	131.921
1.002	14.619			
1/3/2016 8:40:00 PM	297600.000	12.178	17.640	27.756
7579.418	8819.172	4.969	5997.038	131.936
1.002	14.619			
1/3/2016 8:45:00 PM	297900.000	12.176	17.640	27.752
7579.988	8819.921	4.970	5997.547	131.926
1.002	14.620			
1/3/2016 8:50:00 PM	298200.000	12.175	17.639	27.750
7579.341	8819.337	4.969	5997.149	131.938
1.002	14.620			
1/3/2016 8:55:00 PM	298500.000	12.173	17.640	27.746
7579.895	8819.675	4.970	5997.379	131.928
1.002	14.620			
1/3/2016 9:00:00 PM	298800.000	12.174	17.641	27.748
7582.599	8822.771	4.972	5999.485	131.881
1.002	14.620			
1/3/2016 9:05:00 PM	299100.000	12.173	17.640	27.746
7579.670	8819.518	4.970	5997.272	131.932
1.002	14.622			
1/3/2016 9:10:00 PM	299400.000	12.170	17.639	27.740
7577.527	8817.161	4.968	5995.670	131.969
1.002	14.623			
1/3/2016 9:15:00 PM	299700.000	12.170	17.639	27.739
7579.687	8819.657	4.970	5997.367	131.932
1.002	14.624			
1/3/2016 9:20:00 PM	300000.000	12.171	17.640	27.742
7579.428	8819.218	4.969	5997.069	131.936
1.002	14.623			
1/3/2016 9:25:00 PM	300300.000	12.175	17.640	27.750

7581.457	8821.613	4.971	5998.698	131.901
1.002	14.621			
1/3/2016 9:30:00 PM	300600.000	12.175	17.639	27.751
7579.384	8819.288	4.969	5997.116	131.937
1.002	14.619			
1/3/2016 9:35:00 PM	300900.000	12.173	17.639	27.745
7580.918	8821.072	4.971	5998.329	131.910
1.002	14.621			
1/3/2016 9:40:00 PM	301200.000	12.172	17.639	27.743
7579.617	8819.542	4.970	5997.289	131.933
1.002	14.622			
1/3/2016 9:45:00 PM	301500.000	12.171	17.640	27.740
7579.075	8818.791	4.969	5996.778	131.942
1.002	14.623			
1/3/2016 9:50:00 PM	301800.000	12.172	17.640	27.744
7576.632	8815.999	4.967	5994.880	131.985
1.002	14.622			
1/3/2016 9:55:00 PM	302100.000	12.174	17.639	27.749
7580.941	8821.185	4.971	5998.406	131.910
1.002	14.621			
1/3/2016 10:00:00 PM	302400.000	12.174	17.641	27.748
7579.310	8818.944	4.969	5996.882	131.938
1.002	14.620			
1/3/2016 10:05:00 PM	302700.000	12.174	17.641	27.749
7578.171	8817.600	4.968	5995.968	131.958
1.002	14.621			
1/3/2016 10:10:00 PM	303000.000	12.174	17.640	27.749
7578.070	8817.622	4.968	5995.983	131.960
1.002	14.622			
1/3/2016 10:15:00 PM	303300.000	12.174	17.640	27.749
7577.745	8817.259	4.968	5995.736	131.965
1.002	14.623			
1/3/2016 10:20:00 PM	303600.000	12.174	17.640	27.748
7577.167	8816.517	4.968	5995.231	131.975
1.002	14.623			
1/3/2016 10:25:00 PM	303900.000	12.174	17.639	27.749
7576.386	8815.764	4.967	5994.720	131.989
1.002	14.623			
1/3/2016 10:30:00 PM	304200.000	12.175	17.639	27.750
7577.439	8817.125	4.968	5995.646	131.971
1.002	14.623			
1/3/2016 10:35:00 PM	304500.000	12.174	17.640	27.747
7575.905	8815.048	4.967	5994.232	131.997
1.002	14.624			
1/3/2016 10:40:00 PM	304800.000	12.171	17.639	27.740
7576.157	8815.549	4.967	5994.574	131.993
1.002	14.626			
1/3/2016 10:45:00 PM	305100.000	12.170	17.640	27.738
7576.873	8816.244	4.968	5995.046	131.981
1.002	14.628			
1/3/2016 10:50:00 PM	305400.000	12.172	17.639	27.743
7578.927	8818.806	4.969	5996.789	131.945
1.002	14.625			
1/3/2016 10:55:00 PM	305700.000	12.174	17.640	27.748
7577.764	8817.267	4.968	5995.741	131.965
1.002	14.623			
1/3/2016 11:00:00 PM	306000.000	12.177	17.640	27.755

7575.610	8814.741	4.967	5994.024	132.003
1.002	14.620			
1/3/2016 11:05:00 PM	306300.000	12.175	17.640	27.752
7578.810	8818.464	4.969	5996.556	131.947
1.002	14.620			
1/3/2016 11:10:00 PM	306600.000	12.177	17.639	27.755
7575.886	8815.182	4.967	5994.324	131.998
1.002	14.620			
1/3/2016 11:15:00 PM	306900.000	12.176	17.640	27.753
7577.552	8817.053	4.968	5995.596	131.969
1.002	14.620			
1/3/2016 11:20:00 PM	307200.000	12.175	17.640	27.750
7574.690	8813.635	4.966	5993.272	132.019
1.002	14.622			
1/3/2016 11:25:00 PM	307500.000	12.173	17.639	27.746
7574.466	8813.600	4.966	5993.248	132.023
1.002	14.624			
1/3/2016 11:30:00 PM	307800.000	12.169	17.641	27.737
7574.299	8813.095	4.966	5992.905	132.025
1.002	14.626			
1/3/2016 11:35:00 PM	308100.000	12.171	17.640	27.741
7574.473	8813.452	4.966	5993.148	132.022
1.002	14.626			
1/3/2016 11:40:00 PM	308400.000	12.171	17.639	27.741
7575.332	8814.641	4.967	5993.956	132.007
1.002	14.626			
1/3/2016 11:45:00 PM	308700.000	12.171	17.640	27.741
7576.990	8816.295	4.968	5995.081	131.979
1.002	14.626			
1/3/2016 11:50:00 PM	309000.000	12.171	17.639	27.741
7574.461	8813.576	4.966	5993.232	132.023
1.002	14.624			
1/3/2016 11:55:00 PM	309300.000	12.172	17.639	27.744
7576.268	8815.746	4.967	5994.708	131.991
1.002	14.622			
1/4/2016 12:00:00 AM	309600.000	12.175	17.638	27.750
7576.462	8816.059	4.968	5994.920	131.988
1.002	14.620			
1/4/2016 12:05:00 AM	309900.000	12.173	17.640	27.747
7575.311	8814.324	4.966	5993.741	132.008
1.002	14.620			
1/4/2016 12:10:00 AM	310200.000	12.172	17.640	27.744
7575.011	8814.078	4.966	5993.574	132.013
1.002	14.621			
1/4/2016 12:15:00 AM	310500.000	12.171	17.640	27.740
7576.255	8815.577	4.967	5994.593	131.991
1.002	14.622			
1/4/2016 12:20:00 AM	310800.000	12.171	17.641	27.743
7575.363	8814.332	4.966	5993.746	132.007
1.002	14.620			
1/4/2016 12:25:00 AM	311100.000	12.173	17.639	27.747
7575.895	8815.313	4.967	5994.414	131.998
1.002	14.618			
1/4/2016 12:30:00 AM	311400.000	12.176	17.639	27.752
7575.003	8814.290	4.966	5993.718	132.013
1.002	14.616			
1/4/2016 12:35:00 AM	311700.000	12.176	17.638	27.752

7575.692	8815.212	4.967	5994.345	132.001
1.002	14.615			
1/4/2016 12:40:00 AM	312000.000	12.177	17.639	27.755
7577.450	8817.001	4.968	5995.561	131.971
1.002	14.614			
1/4/2016 12:45:00 AM	312300.000	12.178	17.639	27.758
7576.723	8816.155	4.968	5994.986	131.983
1.002	14.612			
1/4/2016 12:50:00 AM	312600.000	12.176	17.640	27.754
7576.368	8815.622	4.967	5994.623	131.989
1.002	14.614			
1/4/2016 12:55:00 AM	312900.000	12.173	17.641	27.746
7575.972	8815.040	4.967	5994.228	131.996
1.002	14.615			
1/4/2016 1:00:00 AM	313200.000	12.173	17.640	27.746
7574.955	8813.942	4.966	5993.481	132.014
1.002	14.616			
1/4/2016 1:05:00 AM	313500.000	12.173	17.639	27.747
7573.713	8812.809	4.966	5992.710	132.036
1.002	14.618			
1/4/2016 1:10:00 AM	313800.000	12.171	17.639	27.741
7576.549	8815.973	4.967	5994.862	131.986
1.002	14.619			
1/4/2016 1:15:00 AM	314100.000	12.169	17.640	27.736
7574.690	8813.723	4.966	5993.332	132.019
1.002	14.620			
1/4/2016 1:20:00 AM	314400.000	12.173	17.640	27.746
7575.552	8814.588	4.967	5993.920	132.004
1.002	14.616			
1/4/2016 1:25:00 AM	314700.000	12.176	17.639	27.753
7576.300	8815.663	4.967	5994.651	131.991
1.002	14.612			
1/4/2016 1:30:00 AM	315000.000	12.181	17.639	27.764
7575.263	8814.456	4.967	5993.830	132.009
1.002	14.609			
1/4/2016 1:35:00 AM	315300.000	12.179	17.639	27.759
7575.615	8814.866	4.967	5994.109	132.002
1.002	14.610			
1/4/2016 1:40:00 AM	315600.000	12.177	17.639	27.754
7577.101	8816.596	4.968	5995.286	131.977
1.002	14.611			
1/4/2016 1:45:00 AM	315900.000	12.177	17.641	27.756
7577.430	8816.736	4.968	5995.381	131.971
1.002	14.613			
1/4/2016 1:50:00 AM	316200.000	12.175	17.641	27.751
7573.881	8812.628	4.965	5992.587	132.033
1.002	14.614			
1/4/2016 1:55:00 AM	316500.000	12.174	17.640	27.749
7574.313	8813.231	4.966	5992.998	132.025
1.002	14.616			
1/4/2016 2:00:00 AM	316800.000	12.173	17.640	27.747
7576.888	8816.159	4.968	5994.988	131.980
1.002	14.617			
1/4/2016 2:05:00 AM	317100.000	12.175	17.641	27.750
7577.594	8816.948	4.968	5995.525	131.968
1.002	14.616			
1/4/2016 2:10:00 AM	317400.000	12.176	17.639	27.753

7577.134	8816.755	4.968	5995.394	131.976
1.002	14.616			
1/4/2016 2:15:00 AM	317700.000	12.175	17.640	27.751
7573.384	8812.114	4.965	5992.238	132.041
1.002	14.615			
1/4/2016 2:20:00 AM	318000.000	12.174	17.640	27.749
7575.689	8814.918	4.967	5994.145	132.001
1.002	14.615			
1/4/2016 2:25:00 AM	318300.000	12.175	17.639	27.751
7575.451	8814.695	4.967	5993.993	132.005
1.002	14.615			
1/4/2016 2:30:00 AM	318600.000	12.175	17.639	27.751
7576.173	8815.552	4.967	5994.576	131.993
1.002	14.615			
1/4/2016 2:35:00 AM	318900.000	12.175	17.640	27.750
7575.263	8814.390	4.967	5993.785	132.009
1.002	14.615			
1/4/2016 2:40:00 AM	319200.000	12.174	17.640	27.749
7574.260	8813.255	4.966	5993.013	132.026
1.002	14.615			
1/4/2016 2:45:00 AM	319500.000	12.174	17.639	27.749
7576.888	8816.451	4.968	5995.188	131.980
1.002	14.614			
1/4/2016 2:50:00 AM	319800.000	12.174	17.639	27.748
7575.042	8814.220	4.966	5993.669	132.012
1.002	14.615			
1/4/2016 2:55:00 AM	320100.000	12.174	17.640	27.748
7576.906	8816.352	4.968	5995.120	131.980
1.002	14.615			
1/4/2016 3:00:00 AM	320400.000	12.172	17.640	27.744
7575.040	8814.146	4.966	5993.620	132.012
1.002	14.616			
1/4/2016 3:05:00 AM	320700.000	12.173	17.640	27.746
7577.063	8816.500	4.968	5995.221	131.977
1.002	14.615			
1/4/2016 3:10:00 AM	321000.000	12.173	17.641	27.745
7574.764	8813.635	4.966	5993.272	132.017
1.002	14.614			
1/4/2016 3:15:00 AM	321300.000	12.173	17.639	27.745
7578.108	8817.853	4.969	5996.140	131.959
1.002	14.614			
1/4/2016 3:20:00 AM	321600.000	12.173	17.640	27.747
7576.369	8815.608	4.967	5994.614	131.989
1.002	14.612			
1/4/2016 3:25:00 AM	321900.000	12.175	17.640	27.750
7575.677	8814.854	4.967	5994.101	132.001
1.002	14.610			
1/4/2016 3:30:00 AM	322200.000	12.176	17.639	27.752
7574.690	8813.893	4.966	5993.447	132.019
1.002	14.608			
1/4/2016 3:35:00 AM	322500.000	12.178	17.639	27.758
7575.366	8814.680	4.967	5993.983	132.007
1.002	14.606			
1/4/2016 3:40:00 AM	322800.000	12.178	17.639	27.758
7575.392	8814.606	4.967	5993.933	132.006
1.002	14.604			
1/4/2016 3:45:00 AM	323100.000	12.180	17.641	27.762

7575.897	8814.953	4.967	5994.168	131.998
1.002	14.601			
1/4/2016 3:50:00 AM	323400.000	12.178	17.639	27.758
7575.838	8815.212	4.967	5994.345	131.999
1.002	14.602			
1/4/2016 3:55:00 AM	323700.000	12.178	17.640	27.759
7576.434	8815.784	4.967	5994.734	131.988
1.002	14.602			
1/4/2016 4:00:00 AM	324000.000	12.179	17.641	27.759
7575.900	8814.977	4.967	5994.185	131.998
1.002	14.603			
1/4/2016 4:05:00 AM	324300.000	12.178	17.639	27.756
7575.844	8815.254	4.967	5994.373	131.998
1.002	14.602			
1/4/2016 4:10:00 AM	324600.000	12.177	17.640	27.756
7574.415	8813.385	4.966	5993.102	132.023
1.002	14.601			
1/4/2016 4:15:00 AM	324900.000	12.178	17.640	27.758
7573.603	8812.336	4.965	5992.389	132.038
1.002	14.600			
1/4/2016 4:20:00 AM	325200.000	12.178	17.640	27.758
7576.224	8815.523	4.967	5994.557	131.992
1.002	14.600			
1/4/2016 4:25:00 AM	325500.000	12.177	17.641	27.754
7574.946	8813.814	4.966	5993.395	132.014
1.002	14.601			
1/4/2016 4:30:00 AM	325800.000	12.177	17.640	27.755
7576.950	8816.283	4.968	5995.073	131.979
1.002	14.601			
1/4/2016 4:35:00 AM	326100.000	12.177	17.639	27.755
7573.861	8812.911	4.966	5992.780	132.033
1.002	14.601			
1/4/2016 4:40:00 AM	326400.000	12.176	17.640	27.753
7575.590	8814.820	4.967	5994.078	132.003
1.002	14.601			
1/4/2016 4:45:00 AM	326700.000	12.175	17.639	27.750
7575.064	8814.295	4.966	5993.721	132.012
1.002	14.601			
1/4/2016 4:50:00 AM	327000.000	12.176	17.640	27.752
7574.847	8813.938	4.966	5993.479	132.016
1.002	14.600			
1/4/2016 4:55:00 AM	327300.000	12.177	17.639	27.754
7575.146	8814.341	4.966	5993.752	132.011
1.002	14.600			
1/4/2016 5:00:00 AM	327600.000	12.177	17.640	27.754
7577.024	8816.336	4.968	5995.108	131.978
1.002	14.599			
1/4/2016 5:05:00 AM	327900.000	12.177	17.641	27.756
7575.339	8814.323	4.966	5993.740	132.007
1.002	14.598			
1/4/2016 5:10:00 AM	328200.000	12.178	17.641	27.758
7574.183	8812.979	4.966	5992.826	132.027
1.002	14.598			
1/4/2016 5:15:00 AM	328500.000	12.175	17.640	27.751
7577.332	8816.830	4.968	5995.445	131.973
1.002	14.597			
1/4/2016 5:20:00 AM	328800.000	12.179	17.641	27.759

7578.126	8817.547	4.968	5995.933	131.959
1.002	14.598			
1/4/2016 5:25:00 AM	329100.000	12.179	17.639	27.760
7576.247	8815.687	4.967	5994.667	131.991
1.002	14.599			
1/4/2016 5:30:00 AM	329400.000	12.178	17.641	27.756
7577.218	8816.458	4.968	5995.191	131.975
1.002	14.600			
1/4/2016 5:35:00 AM	329700.000	12.177	17.640	27.756
7576.849	8816.166	4.968	5994.994	131.981
1.002	14.600			
1/4/2016 5:40:00 AM	330000.000	12.178	17.640	27.757
7576.348	8815.583	4.967	5994.597	131.990
1.002	14.600			
1/4/2016 5:45:00 AM	330300.000	12.178	17.639	27.758
7575.092	8814.311	4.966	5993.731	132.012
1.002	14.600			
1/4/2016 5:50:00 AM	330600.000	12.179	17.639	27.760
7577.640	8817.326	4.968	5995.782	131.967
1.002	14.600			
1/4/2016 5:55:00 AM	330900.000	12.178	17.639	27.757
7575.586	8814.968	4.967	5994.178	132.003
1.002	14.600			
1/4/2016 6:00:00 AM	331200.000	12.177	17.640	27.755
7578.083	8817.687	4.969	5996.027	131.960
1.002	14.601			
1/4/2016 6:05:00 AM	331500.000	12.176	17.641	27.754
7573.500	8812.149	4.965	5992.262	132.039
1.002	14.601			
1/4/2016 6:10:00 AM	331800.000	12.176	17.640	27.752
7564.234	8801.573	4.959	5985.070	132.201
1.002	14.601			
1/4/2016 6:15:00 AM	332100.000	12.176	17.641	27.754
7546.716	8781.020	4.946	5971.094	132.508
1.002	14.601			
1/4/2016 6:20:00 AM	332400.000	12.178	17.639	27.758
7530.972	8763.006	4.935	5958.845	132.785
1.002	14.600			
1/4/2016 6:25:00 AM	332700.000	12.179	17.639	27.759
7515.151	8744.548	4.924	5946.293	133.065
1.002	14.600			
1/4/2016 6:30:00 AM	333000.000	12.178	17.640	27.757
7498.875	8725.438	4.913	5933.298	133.353
1.002	14.599			
1/4/2016 6:35:00 AM	333300.000	12.178	17.639	27.758
7485.278	8709.871	4.903	5922.713	133.596
1.002	14.601			
1/4/2016 6:40:00 AM	333600.000	12.175	17.639	27.750
7468.589	8690.368	4.892	5909.451	133.894
1.002	14.603			
1/4/2016 6:45:00 AM	333900.000	12.174	17.640	27.749
7457.360	8677.183	4.884	5900.484	134.096
1.002	14.605			
1/4/2016 6:50:00 AM	334200.000	12.171	17.640	27.742
7444.607	8662.310	4.875	5890.371	134.325
1.002	14.608			
1/4/2016 6:55:00 AM	334500.000	12.172	17.639	27.743

7432.554	8648.486	4.866	5880.971	134.543
1.002	14.611			
1/4/2016 7:00:00 AM	334800.000	12.173	17.639	27.745
7423.870	8638.366	4.860	5874.089	134.701
1.002	14.615			
1/4/2016 7:05:00 AM	335100.000	12.171	17.639	27.743
7414.689	8627.635	4.854	5866.792	134.867
1.002	14.616			
1/4/2016 7:10:00 AM	335400.000	12.172	17.639	27.743
7404.624	8615.987	4.847	5858.872	135.051
1.002	14.618			
1/4/2016 7:15:00 AM	335700.000	12.169	17.638	27.737
7393.140	8602.776	4.839	5849.888	135.261
1.002	14.620			
1/4/2016 7:20:00 AM	336000.000	12.171	17.639	27.742
7387.504	8596.066	4.835	5845.326	135.364
1.002	14.616			
1/4/2016 7:25:00 AM	336300.000	12.174	17.639	27.748
7373.813	8580.104	4.825	5834.470	135.615
1.002	14.612			
1/4/2016 7:30:00 AM	336600.000	12.177	17.639	27.755
7366.249	8571.302	4.820	5828.485	135.754
1.002	14.609			
1/4/2016 7:35:00 AM	336900.000	12.173	17.639	27.746
7357.437	8561.148	4.814	5821.582	135.917
1.002	14.612			
1/4/2016 7:40:00 AM	337200.000	12.173	17.639	27.747
7349.097	8551.394	4.808	5814.948	136.071
1.002	14.615			
1/4/2016 7:45:00 AM	337500.000	12.171	17.640	27.741
7340.719	8541.512	4.802	5808.229	136.226
1.002	14.617			
1/4/2016 7:50:00 AM	337800.000	12.172	17.640	27.743
7332.708	8532.207	4.796	5801.901	136.375
1.002	14.616			
1/4/2016 7:55:00 AM	338100.000	12.172	17.640	27.743
7326.374	8524.788	4.792	5796.856	136.493
1.002	14.615			
1/4/2016 8:00:00 AM	338400.000	12.173	17.640	27.745
7317.389	8514.365	4.785	5789.769	136.661
1.002	14.613			
1/4/2016 8:05:00 AM	338700.000	12.171	17.639	27.741
7311.557	8507.694	4.781	5785.232	136.770
1.002	14.613			
1/4/2016 8:10:00 AM	339000.000	12.170	17.640	27.740
7306.524	8501.674	4.778	5781.138	136.864
1.002	14.613			
1/4/2016 8:15:00 AM	339300.000	12.171	17.638	27.741
7298.610	8492.729	4.772	5775.056	137.012
1.002	14.613			
1/4/2016 8:20:00 AM	339600.000	12.170	17.639	27.739
7292.048	8484.947	4.768	5769.765	137.136
1.002	14.612			
1/4/2016 8:25:00 AM	339900.000	12.171	17.639	27.742
7285.551	8477.387	4.763	5764.623	137.258
1.002	14.612			
1/4/2016 8:30:00 AM	340200.000	12.173	17.640	27.747

7280.126	8470.991	4.759	5760.274	137.360
1.002	14.611			
1/4/2016 8:35:00 AM	340500.000	12.171	17.639	27.741
7272.328	8461.967	4.754	5754.138	137.508
1.002	14.613			
1/4/2016 8:40:00 AM	340800.000	12.168	17.639	27.735
7269.067	8458.223	4.752	5751.592	137.569
1.002	14.615			
1/4/2016 8:45:00 AM	341100.000	12.167	17.639	27.731
7262.559	8450.715	4.747	5746.487	137.693
1.002	14.617			
1/4/2016 8:50:00 AM	341400.000	12.168	17.639	27.734
7258.509	8445.986	4.744	5743.271	137.769
1.002	14.616			
1/4/2016 8:55:00 AM	341700.000	12.170	17.639	27.738
7251.910	8438.308	4.740	5738.049	137.895
1.002	14.615			
1/4/2016 9:00:00 AM	342000.000	12.171	17.638	27.741
7250.289	8436.553	4.739	5736.856	137.926
1.002	14.614			
1/4/2016 9:05:00 AM	342300.000	12.172	17.639	27.743
7245.355	8430.663	4.735	5732.852	138.019
1.002	14.615			
1/4/2016 9:10:00 AM	342600.000	12.169	17.640	27.737
7241.485	8426.029	4.732	5729.701	138.093
1.002	14.616			
1/4/2016 9:15:00 AM	342900.000	12.165	17.639	27.729
7237.428	8421.487	4.730	5726.612	138.171
1.002	14.617			
1/4/2016 9:20:00 AM	343200.000	12.167	17.639	27.732
7234.191	8417.642	4.727	5723.997	138.232
1.002	14.619			
1/4/2016 9:25:00 AM	343500.000	12.165	17.639	27.728
7230.936	8413.821	4.725	5721.399	138.295
1.002	14.621			
1/4/2016 9:30:00 AM	343800.000	12.165	17.640	27.728
7227.827	8410.169	4.723	5718.916	138.354
1.002	14.623			
1/4/2016 9:35:00 AM	344100.000	12.165	17.639	27.729
7224.996	8406.973	4.721	5716.742	138.408
1.002	14.623			
1/4/2016 9:40:00 AM	344400.000	12.167	17.639	27.732
7220.451	8401.652	4.718	5713.124	138.496
1.002	14.623			
1/4/2016 9:45:00 AM	344700.000	12.169	17.639	27.737
7219.990	8401.085	4.717	5712.738	138.504
1.002	14.622			
1/4/2016 9:50:00 AM	345000.000	12.169	17.639	27.737
7217.248	8397.876	4.715	5710.556	138.557
1.002	14.624			
1/4/2016 9:55:00 AM	345300.000	12.169	17.639	27.738
7213.634	8393.721	4.713	5707.730	138.626
1.002	14.625			
1/4/2016 10:00:00 AM	345600.000	12.168	17.640	27.734
7211.562	8391.212	4.711	5706.024	138.666
1.002	14.627			
1/4/2016 10:05:00 AM	345900.000	12.167	17.639	27.733

7210.894	8390.532	4.711	5705.562	138.679
1.002	14.628			
1/4/2016 10:10:00 AM	346200.000	12.166	17.639	27.730
7207.496	8386.609	4.709	5702.895	138.744
1.002	14.629			
1/4/2016 10:15:00 AM	346500.000	12.165	17.640	27.727
7206.678	8385.544	4.708	5702.170	138.760
1.002	14.629			
1/4/2016 10:20:00 AM	346800.000	12.163	17.639	27.724
7203.340	8381.727	4.706	5699.575	138.824
1.002	14.628			
1/4/2016 10:25:00 AM	347100.000	12.164	17.639	27.726
7202.220	8380.424	4.705	5698.689	138.846
1.002	14.627			
1/4/2016 10:30:00 AM	347400.000	12.163	17.639	27.724
7197.856	8375.346	4.702	5695.236	138.930
1.002	14.626			
1/4/2016 10:35:00 AM	347700.000	12.163	17.639	27.724
7196.547	8373.808	4.701	5694.189	138.956
1.002	14.625			
1/4/2016 10:40:00 AM	348000.000	12.164	17.640	27.725
7192.916	8369.516	4.698	5691.271	139.026
1.002	14.623			
1/4/2016 10:45:00 AM	348300.000	12.165	17.639	27.728
7194.274	8371.259	4.699	5692.456	138.999
1.002	14.622			
1/4/2016 10:50:00 AM	348600.000	12.162	17.639	27.722
7193.284	8370.059	4.699	5691.640	139.019
1.002	14.623			
1/4/2016 10:55:00 AM	348900.000	12.158	17.639	27.713
7190.730	8367.055	4.697	5689.598	139.068
1.002	14.625			
1/4/2016 11:00:00 AM	349200.000	12.158	17.640	27.711
7187.097	8362.729	4.694	5686.656	139.138
1.002	14.626			
1/4/2016 11:05:00 AM	349500.000	12.159	17.640	27.715
7186.723	8362.294	4.694	5686.360	139.145
1.002	14.625			
1/4/2016 11:10:00 AM	349800.000	12.160	17.640	27.716
7186.455	8362.014	4.694	5686.169	139.151
1.002	14.624			
1/4/2016 11:15:00 AM	350100.000	12.159	17.639	27.714
7184.117	8359.454	4.692	5684.429	139.196
1.002	14.623			
1/4/2016 11:20:00 AM	350400.000	12.157	17.640	27.710
7184.238	8359.402	4.692	5684.394	139.194
1.002	14.623			
1/4/2016 11:25:00 AM	350700.000	12.159	17.639	27.713
7183.349	8358.432	4.692	5683.733	139.211
1.002	14.623			
1/4/2016 11:30:00 AM	351000.000	12.157	17.639	27.709
7182.824	8357.983	4.691	5683.429	139.221
1.002	14.623			
1/4/2016 11:35:00 AM	351300.000	12.157	17.639	27.709
7181.575	8356.530	4.690	5682.441	139.245
1.002	14.623			
1/4/2016 11:40:00 AM	351600.000	12.156	17.639	27.706

7181.290	8356.198	4.690	5682.215	139.251
1.002	14.622			
1/4/2016 11:45:00 AM	351900.000	12.156	17.640	27.706
7179.747	8354.207	4.689	5680.861	139.281
1.002	14.621			
1/4/2016 11:50:00 AM	352200.000	12.158	17.640	27.711
7178.642	8352.938	4.688	5679.999	139.302
1.002	14.620			
1/4/2016 11:55:00 AM	352500.000	12.155	17.639	27.705
7177.976	8352.214	4.688	5679.506	139.315
1.002	14.619			
1/4/2016 12:00:00 PM	352800.000	12.153	17.639	27.701
7179.448	8354.040	4.689	5680.748	139.286
1.002	14.618			
1/4/2016 12:05:00 PM	353100.000	12.155	17.639	27.704
7177.198	8351.372	4.687	5678.933	139.330
1.002	14.617			
1/4/2016 12:10:00 PM	353400.000	12.155	17.639	27.706
7176.756	8350.811	4.687	5678.552	139.339
1.002	14.615			
1/4/2016 12:15:00 PM	353700.000	12.156	17.639	27.708
7176.345	8350.349	4.687	5678.237	139.347
1.002	14.614			
1/4/2016 12:20:00 PM	354000.000	12.157	17.639	27.710
7174.880	8348.691	4.686	5677.111	139.375
1.002	14.613			
1/4/2016 12:25:00 PM	354300.000	12.157	17.639	27.709
7176.661	8350.747	4.687	5678.509	139.341
1.002	14.612			
1/4/2016 12:30:00 PM	354600.000	12.156	17.640	27.708
7173.679	8347.085	4.685	5676.018	139.398
1.002	14.611			
1/4/2016 12:35:00 PM	354900.000	12.155	17.639	27.706
7173.875	8347.427	4.685	5676.251	139.395
1.002	14.611			
1/4/2016 12:40:00 PM	355200.000	12.154	17.639	27.703
7174.933	8348.737	4.686	5677.142	139.374
1.002	14.611			
1/4/2016 12:45:00 PM	355500.000	12.154	17.639	27.702
7173.089	8346.512	4.684	5675.628	139.410
1.002	14.611			
1/4/2016 12:50:00 PM	355800.000	12.154	17.640	27.703
7174.518	8348.061	4.685	5676.682	139.382
1.002	14.609			
1/4/2016 12:55:00 PM	356100.000	12.154	17.639	27.702
7173.035	8346.479	4.684	5675.606	139.411
1.002	14.607			
1/4/2016 1:00:00 PM	356400.000	12.156	17.639	27.708
7172.949	8346.411	4.684	5675.560	139.413
1.002	14.605			
1/4/2016 1:05:00 PM	356700.000	12.156	17.640	27.706
7173.331	8346.727	4.685	5675.774	139.405
1.002	14.604			
1/4/2016 1:10:00 PM	357000.000	12.155	17.639	27.705
7173.779	8347.395	4.685	5676.229	139.397
1.002	14.604			
1/4/2016 1:15:00 PM	357300.000	12.155	17.639	27.705

7174.510	8348.262	4.685	5676.818	139.382
1.002	14.603			
1/4/2016 1:20:00 PM	357600.000	12.152	17.639	27.698
7173.343	8346.838	4.685	5675.850	139.405
1.002	14.604			
1/4/2016 1:25:00 PM	357900.000	12.151	17.640	27.696
7174.219	8347.680	4.685	5676.422	139.388
1.002	14.605			
1/4/2016 1:30:00 PM	358200.000	12.149	17.640	27.690
7174.213	8347.770	4.685	5676.483	139.388
1.002	14.605			
1/4/2016 1:35:00 PM	358500.000	12.149	17.639	27.691
7174.816	8348.601	4.686	5677.049	139.376
1.002	14.603			
1/4/2016 1:40:00 PM	358800.000	12.150	17.639	27.695
7174.050	8347.646	4.685	5676.399	139.391
1.002	14.601			
1/4/2016 1:45:00 PM	359100.000	12.150	17.640	27.694
7174.773	8348.438	4.686	5676.938	139.377
1.002	14.599			
1/4/2016 1:50:00 PM	359400.000	12.151	17.639	27.696
7173.293	8346.894	4.685	5675.888	139.406
1.002	14.598			
1/4/2016 1:55:00 PM	359700.000	12.153	17.639	27.700
7173.516	8347.071	4.685	5676.009	139.402
1.002	14.597			
1/4/2016 2:00:00 PM	360000.000	12.154	17.639	27.702
7172.702	8346.141	4.684	5675.376	139.417
1.002	14.595			
1/4/2016 2:05:00 PM	360300.000	12.150	17.639	27.694
7175.623	8349.509	4.686	5677.666	139.361
1.002	14.597			
1/4/2016 2:10:00 PM	360600.000	12.148	17.639	27.689
7174.959	8348.798	4.686	5677.183	139.374
1.002	14.599			
1/4/2016 2:15:00 PM	360900.000	12.145	17.639	27.682
7174.616	8348.270	4.685	5676.824	139.380
1.002	14.601			
1/4/2016 2:20:00 PM	361200.000	12.145	17.640	27.683
7174.149	8347.711	4.685	5676.443	139.389
1.002	14.600			
1/4/2016 2:25:00 PM	361500.000	12.148	17.640	27.688
7173.726	8347.140	4.685	5676.056	139.398
1.002	14.599			
1/4/2016 2:30:00 PM	361800.000	12.146	17.639	27.684
7175.591	8349.405	4.686	5677.596	139.361
1.002	14.598			
1/4/2016 2:35:00 PM	362100.000	12.146	17.640	27.684
7175.619	8349.389	4.686	5677.584	139.361
1.002	14.598			
1/4/2016 2:40:00 PM	362400.000	12.146	17.639	27.684
7173.557	8347.056	4.685	5675.998	139.401
1.002	14.599			
1/4/2016 2:45:00 PM	362700.000	12.145	17.638	27.683
7173.186	8346.784	4.685	5675.813	139.408
1.002	14.599			
1/4/2016 2:50:00 PM	363000.000	12.146	17.639	27.685

7174.483	8348.134	4.685	5676.731	139.383
1.002	14.598			
1/4/2016 2:55:00 PM	363300.000	12.146	17.640	27.684
7174.955	8348.601	4.686	5677.049	139.374
1.002	14.597			
1/4/2016 3:00:00 PM	363600.000	12.146	17.639	27.684
7176.415	8350.363	4.687	5678.248	139.345
1.002	14.596			
1/4/2016 3:05:00 PM	363900.000	12.147	17.640	27.687
7176.814	8350.779	4.687	5678.530	139.338
1.002	14.595			
1/4/2016 3:10:00 PM	364200.000	12.149	17.640	27.691
7176.172	8350.048	4.687	5678.033	139.350
1.002	14.594			
1/4/2016 3:15:00 PM	364500.000	12.150	17.639	27.693
7176.461	8350.417	4.687	5678.284	139.344
1.002	14.592			
1/4/2016 3:20:00 PM	364800.000	12.150	17.639	27.693
7177.962	8352.213	4.688	5679.505	139.315
1.002	14.592			
1/4/2016 3:25:00 PM	365100.000	12.149	17.640	27.692
7176.917	8350.819	4.687	5678.558	139.336
1.002	14.591			
1/4/2016 3:30:00 PM	365400.000	12.148	17.640	27.689
7176.967	8350.925	4.687	5678.629	139.335
1.002	14.591			
1/4/2016 3:35:00 PM	365700.000	12.147	17.640	27.686
7178.300	8352.462	4.688	5679.675	139.309
1.002	14.593			
1/4/2016 3:40:00 PM	366000.000	12.145	17.639	27.682
7179.254	8353.686	4.689	5680.507	139.290
1.002	14.595			
1/4/2016 3:45:00 PM	366300.000	12.142	17.639	27.676
7178.936	8353.363	4.689	5680.288	139.296
1.002	14.596			
1/4/2016 3:50:00 PM	366600.000	12.143	17.640	27.677
7180.417	8354.940	4.689	5681.360	139.268
1.002	14.595			
1/4/2016 3:55:00 PM	366900.000	12.142	17.640	27.675
7180.491	8354.993	4.690	5681.396	139.266
1.002	14.593			
1/4/2016 4:00:00 PM	367200.000	12.145	17.640	27.683
7180.496	8355.017	4.690	5681.411	139.266
1.002	14.591			
1/4/2016 4:05:00 PM	367500.000	12.143	17.640	27.678
7179.410	8353.832	4.689	5680.606	139.287
1.002	14.592			
1/4/2016 4:10:00 PM	367800.000	12.140	17.639	27.671
7181.002	8355.700	4.690	5681.876	139.256
1.002	14.593			
1/4/2016 4:15:00 PM	368100.000	12.141	17.639	27.673
7180.567	8355.213	4.690	5681.545	139.265
1.002	14.594			
1/4/2016 4:20:00 PM	368400.000	12.141	17.640	27.672
7182.088	8356.901	4.691	5682.693	139.235
1.002	14.593			
1/4/2016 4:25:00 PM	368700.000	12.142	17.640	27.675

7184.649	8359.896	4.692	5684.729	139.186
1.002	14.592			
1/4/2016 4:30:00 PM	369000.000	12.143	17.639	27.677
7184.779	8360.146	4.693	5684.899	139.183
1.002	14.591			
1/4/2016 4:35:00 PM	369300.000	12.144	17.639	27.679
7184.853	8360.231	4.693	5684.958	139.182
1.002	14.592			
1/4/2016 4:40:00 PM	369600.000	12.141	17.640	27.674
7184.022	8359.134	4.692	5684.211	139.198
1.002	14.593			
1/4/2016 4:45:00 PM	369900.000	12.143	17.640	27.678
7184.064	8359.169	4.692	5684.235	139.197
1.002	14.594			
1/4/2016 4:50:00 PM	370200.000	12.138	17.639	27.666
7185.649	8361.175	4.693	5685.599	139.166
1.002	14.595			
1/4/2016 4:55:00 PM	370500.000	12.142	17.640	27.675
7185.860	8361.321	4.693	5685.699	139.162
1.002	14.597			
1/4/2016 5:00:00 PM	370800.000	12.139	17.639	27.669
7186.650	8362.273	4.694	5686.347	139.147
1.002	14.599			
1/4/2016 5:05:00 PM	371100.000	12.145	17.640	27.683
7187.886	8363.647	4.695	5687.281	139.123
1.002	14.599			
1/4/2016 5:10:00 PM	371400.000	12.139	17.639	27.667
7190.015	8366.222	4.696	5689.031	139.082
1.002	14.600			
1/4/2016 5:15:00 PM	371700.000	12.137	17.639	27.664
7191.552	8368.075	4.697	5690.292	139.052
1.002	14.601			
1/4/2016 5:20:00 PM	372000.000	12.140	17.640	27.671
7190.966	8367.166	4.697	5689.673	139.063
1.002	14.598			
1/4/2016 5:25:00 PM	372300.000	12.142	17.639	27.675
7191.056	8367.434	4.697	5689.855	139.062
1.002	14.595			
1/4/2016 5:30:00 PM	372600.000	12.142	17.640	27.676
7190.454	8366.650	4.697	5689.322	139.073
1.002	14.591			
1/4/2016 5:35:00 PM	372900.000	12.140	17.640	27.670
7194.075	8370.798	4.699	5692.143	139.003
1.002	14.596			
1/4/2016 5:40:00 PM	373200.000	12.135	17.640	27.661
7194.129	8370.847	4.699	5692.176	139.002
1.002	14.600			
1/4/2016 5:45:00 PM	373500.000	12.135	17.639	27.659
7191.889	8368.436	4.698	5690.537	139.046
1.002	14.605			
1/4/2016 5:50:00 PM	373800.000	12.133	17.639	27.654
7194.255	8371.156	4.699	5692.387	139.000
1.002	14.604			
1/4/2016 5:55:00 PM	374100.000	12.136	17.640	27.661
7194.707	8371.632	4.700	5692.710	138.991
1.002	14.603			
1/4/2016 6:00:00 PM	374400.000	12.135	17.639	27.658

7195.751	8372.961	4.700	5693.614	138.971
1.002	14.601			
1/4/2016 6:05:00 PM	374700.000	12.132	17.639	27.653
7195.167	8372.183	4.700	5693.085	138.982
1.002	14.603			
1/4/2016 6:10:00 PM	375000.000	12.128	17.640	27.644
7193.775	8370.548	4.699	5691.973	139.009
1.002	14.604			
1/4/2016 6:15:00 PM	375300.000	12.126	17.639	27.639
7197.166	8374.590	4.701	5694.722	138.944
1.002	14.606			
1/4/2016 6:20:00 PM	375600.000	12.129	17.640	27.646
7196.402	8373.571	4.701	5694.028	138.958
1.002	14.604			
1/4/2016 6:25:00 PM	375900.000	12.131	17.640	27.650
7198.942	8376.543	4.702	5696.050	138.909
1.002	14.602			
1/4/2016 6:30:00 PM	376200.000	12.131	17.639	27.651
7199.484	8377.225	4.703	5696.513	138.899
1.002	14.601			
1/4/2016 6:35:00 PM	376500.000	12.131	17.640	27.651
7200.140	8377.905	4.703	5696.976	138.886
1.002	14.600			
1/4/2016 6:40:00 PM	376800.000	12.130	17.639	27.649
7199.618	8377.361	4.703	5696.606	138.896
1.002	14.600			
1/4/2016 6:45:00 PM	377100.000	12.131	17.639	27.650
7201.108	8379.131	4.704	5697.809	138.868
1.002	14.599			
1/4/2016 6:50:00 PM	377400.000	12.128	17.640	27.643
7200.541	8378.371	4.704	5697.293	138.878
1.002	14.600			
1/4/2016 6:55:00 PM	377700.000	12.130	17.640	27.649
7200.081	8377.868	4.703	5696.950	138.887
1.002	14.601			
1/4/2016 7:00:00 PM	378000.000	12.129	17.639	27.647
7200.939	8378.980	4.704	5697.707	138.871
1.002	14.602			
1/4/2016 7:05:00 PM	378300.000	12.129	17.640	27.646
7201.227	8379.218	4.704	5697.868	138.865
1.002	14.602			
1/4/2016 7:10:00 PM	378600.000	12.130	17.640	27.647
7201.913	8380.000	4.705	5698.400	138.852
1.002	14.602			
1/4/2016 7:15:00 PM	378900.000	12.129	17.639	27.647
7202.166	8380.394	4.705	5698.667	138.847
1.002	14.602			
1/4/2016 7:20:00 PM	379200.000	12.131	17.639	27.651
7202.680	8381.040	4.705	5699.107	138.837
1.002	14.599			
1/4/2016 7:25:00 PM	379500.000	12.133	17.639	27.654
7203.801	8382.229	4.706	5699.916	138.816
1.002	14.597			
1/4/2016 7:30:00 PM	379800.000	12.135	17.640	27.659
7203.941	8382.278	4.706	5699.949	138.813
1.002	14.594			
1/4/2016 7:35:00 PM	380100.000	12.133	17.639	27.655

7204.131	8382.613	4.706	5700.178	138.809
1.002	14.598			
1/4/2016 7:40:00 PM	380400.000	12.131	17.639	27.651
7204.948	8383.614	4.707	5700.858	138.794
1.002	14.602			
1/4/2016 7:45:00 PM	380700.000	12.127	17.640	27.641
7205.923	8384.569	4.707	5701.508	138.775
1.002	14.606			
1/4/2016 7:50:00 PM	381000.000	12.128	17.640	27.643
7206.768	8385.634	4.708	5702.231	138.758
1.002	14.602			
1/4/2016 7:55:00 PM	381300.000	12.131	17.640	27.651
7205.721	8384.431	4.707	5701.413	138.779
1.002	14.598			
1/4/2016 8:00:00 PM	381600.000	12.134	17.639	27.658
7206.931	8385.905	4.708	5702.416	138.755
1.002	14.594			
1/4/2016 8:05:00 PM	381900.000	12.133	17.640	27.654
7208.528	8387.648	4.709	5703.602	138.725
1.002	14.595			
1/4/2016 8:10:00 PM	382200.000	12.133	17.640	27.654
7208.154	8387.230	4.709	5703.317	138.732
1.002	14.597			
1/4/2016 8:15:00 PM	382500.000	12.130	17.640	27.647
7209.541	8388.827	4.710	5704.402	138.705
1.002	14.598			
1/4/2016 8:20:00 PM	382800.000	12.129	17.639	27.647
7209.440	8388.825	4.710	5704.401	138.707
1.002	14.600			
1/4/2016 8:25:00 PM	383100.000	12.127	17.640	27.640
7211.116	8390.659	4.711	5705.649	138.675
1.002	14.601			
1/4/2016 8:30:00 PM	383400.000	12.125	17.640	27.636
7210.604	8390.097	4.711	5705.266	138.685
1.002	14.603			
1/4/2016 8:35:00 PM	383700.000	12.128	17.640	27.643
7212.585	8392.321	4.712	5706.778	138.647
1.002	14.602			
1/4/2016 8:40:00 PM	384000.000	12.127	17.640	27.642
7212.088	8391.856	4.712	5706.463	138.656
1.002	14.601			
1/4/2016 8:45:00 PM	384300.000	12.129	17.639	27.645
7211.976	8391.840	4.712	5706.451	138.658
1.002	14.600			
1/4/2016 8:50:00 PM	384600.000	12.128	17.640	27.644
7211.676	8391.328	4.711	5706.104	138.664
1.002	14.599			
1/4/2016 8:55:00 PM	384900.000	12.128	17.640	27.644
7212.364	8392.145	4.712	5706.658	138.651
1.002	14.598			
1/4/2016 9:00:00 PM	385200.000	12.129	17.640	27.645
7211.442	8391.007	4.711	5705.885	138.669
1.002	14.597			
1/4/2016 9:05:00 PM	385500.000	12.127	17.640	27.642
7211.547	8391.147	4.711	5705.981	138.666
1.002	14.596			
1/4/2016 9:10:00 PM	385800.000	12.128	17.639	27.644

7213.536	8393.654	4.713	5707.686	138.628
1.002	14.596			
1/4/2016 9:15:00 PM	386100.000	12.126	17.639	27.640
7214.169	8394.375	4.713	5708.176	138.616
1.002	14.595			
1/4/2016 9:20:00 PM	386400.000	12.124	17.639	27.635
7213.338	8393.456	4.713	5707.550	138.632
1.002	14.595			
1/4/2016 9:25:00 PM	386700.000	12.126	17.640	27.640
7212.597	8392.448	4.712	5706.865	138.646
1.002	14.595			
1/4/2016 9:30:00 PM	387000.000	12.127	17.639	27.642
7214.136	8394.322	4.713	5708.140	138.617
1.002	14.595			
1/4/2016 9:35:00 PM	387300.000	12.125	17.640	27.637
7217.979	8398.678	4.716	5711.102	138.543
1.002	14.595			
1/4/2016 9:40:00 PM	387600.000	12.125	17.640	27.638
7230.500	8413.182	4.725	5720.963	138.303
1.002	14.595			
1/4/2016 9:45:00 PM	387900.000	12.124	17.640	27.634
7244.181	8429.101	4.734	5731.789	138.042
1.002	14.595			
1/4/2016 9:50:00 PM	388200.000	12.128	17.640	27.643
7259.327	8446.773	4.745	5743.806	137.754
1.002	14.592			
1/4/2016 9:55:00 PM	388500.000	12.128	17.640	27.644
7276.219	8466.412	4.757	5757.161	137.434
1.002	14.589			
1/4/2016 10:00:00 PM	388800.000	12.129	17.639	27.646
7288.461	8480.789	4.765	5766.937	137.203
1.002	14.587			
1/4/2016 10:05:00 PM	389100.000	12.128	17.640	27.644
7303.499	8498.153	4.776	5778.744	136.921
1.002	14.587			
1/4/2016 10:10:00 PM	389400.000	12.125	17.640	27.636
7313.952	8510.283	4.783	5786.993	136.725
1.002	14.588			
1/4/2016 10:15:00 PM	389700.000	12.126	17.640	27.639
7324.387	8522.509	4.790	5795.306	136.530
1.002	14.589			
1/4/2016 10:20:00 PM	390000.000	12.125	17.639	27.637
7335.169	8535.170	4.798	5803.916	136.330
1.002	14.588			
1/4/2016 10:25:00 PM	390300.000	12.128	17.640	27.643
7345.751	8547.317	4.805	5812.176	136.133
1.002	14.588			
1/4/2016 10:30:00 PM	390600.000	12.128	17.640	27.642
7356.462	8559.813	4.813	5820.673	135.935
1.002	14.587			
1/4/2016 10:35:00 PM	390900.000	12.126	17.640	27.639
7363.188	8567.674	4.818	5826.019	135.811
1.002	14.588			
1/4/2016 10:40:00 PM	391200.000	12.125	17.640	27.636
7373.706	8579.911	4.825	5834.340	135.617
1.002	14.588			
1/4/2016 10:45:00 PM	391500.000	12.124	17.639	27.635

7380.802	8588.285	4.830	5840.035	135.487
1.002	14.588			
1/4/2016 10:50:00 PM	391800.000	12.125	17.640	27.637
7386.918	8595.285	4.834	5844.794	135.374
1.002	14.587			
1/4/2016 10:55:00 PM	392100.000	12.128	17.639	27.643
7396.217	8606.157	4.841	5852.187	135.204
1.002	14.585			
1/4/2016 11:00:00 PM	392400.000	12.128	17.639	27.644
7401.980	8612.828	4.845	5856.723	135.099
1.002	14.583			
1/4/2016 11:05:00 PM	392700.000	12.126	17.640	27.639
7411.261	8623.475	4.851	5863.963	134.930
1.002	14.583			
1/4/2016 11:10:00 PM	393000.000	12.125	17.639	27.637
7416.158	8629.393	4.855	5867.987	134.841
1.002	14.584			
1/4/2016 11:15:00 PM	393300.000	12.125	17.640	27.635
7421.400	8635.307	4.858	5872.009	134.745
1.002	14.584			
1/4/2016 11:20:00 PM	393600.000	12.124	17.640	27.633
7429.228	8644.482	4.864	5878.248	134.603
1.002	14.584			
1/4/2016 11:25:00 PM	393900.000	12.124	17.640	27.634
7434.183	8650.282	4.867	5882.192	134.514
1.002	14.583			
1/4/2016 11:30:00 PM	394200.000	12.125	17.640	27.637
7439.525	8656.498	4.871	5886.419	134.417
1.002	14.583			
1/4/2016 11:35:00 PM	394500.000	12.124	17.640	27.634
7445.024	8662.829	4.875	5890.724	134.318
1.002	14.583			
1/4/2016 11:40:00 PM	394800.000	12.122	17.640	27.631
7452.953	8671.937	4.880	5896.917	134.175
1.002	14.584			
1/4/2016 11:45:00 PM	395100.000	12.122	17.640	27.629
7458.622	8678.617	4.885	5901.460	134.073
1.002	14.584			
1/4/2016 11:50:00 PM	395400.000	12.122	17.640	27.631
7461.229	8681.566	4.886	5903.466	134.026
1.002	14.582			
1/4/2016 11:55:00 PM	395700.000	12.126	17.639	27.638
7467.413	8688.964	4.891	5908.496	133.915
1.002	14.580			
1/5/2016 12:00:00 AM	396000.000	12.126	17.641	27.638
7471.371	8693.233	4.893	5911.399	133.844
1.002	14.578			
1/5/2016 12:05:00 AM	396300.000	12.130	17.640	27.648
7478.332	8701.501	4.898	5917.021	133.720
1.002	14.576			
1/5/2016 12:10:00 AM	396600.000	12.130	17.640	27.649
7482.121	8705.979	4.901	5920.066	133.652
1.002	14.573			
1/5/2016 12:15:00 AM	396900.000	12.132	17.640	27.653
7484.672	8708.913	4.903	5922.062	133.606
1.002	14.570			
1/5/2016 12:20:00 AM	397200.000	12.133	17.641	27.654

7490.896	8716.070	4.907	5926.928	133.495
1.002	14.570			
1/5/2016 12:25:00 AM	397500.000	12.133	17.640	27.654
7497.009	8723.267	4.911	5931.821	133.387
1.002	14.570			
1/5/2016 12:30:00 AM	397800.000	12.132	17.641	27.653
7498.566	8724.927	4.912	5932.951	133.359
1.002	14.570			
1/5/2016 12:35:00 AM	398100.000	12.131	17.641	27.649
7502.239	8729.233	4.915	5935.879	133.294
1.002	14.572			
1/5/2016 12:40:00 AM	398400.000	12.129	17.641	27.646
7506.352	8734.002	4.918	5939.122	133.221
1.002	14.573			
1/5/2016 12:45:00 AM	398700.000	12.126	17.640	27.640
7511.045	8739.717	4.921	5943.007	133.137
1.002	14.575			
1/5/2016 12:50:00 AM	399000.000	12.130	17.640	27.648
7512.743	8741.506	4.922	5944.224	133.107
1.002	14.573			
1/5/2016 12:55:00 AM	399300.000	12.130	17.639	27.649
7518.300	8748.176	4.927	5948.760	133.009
1.002	14.570			
1/5/2016 1:00:00 AM	399600.000	12.132	17.640	27.653
7518.774	8748.558	4.927	5949.020	133.000
1.002	14.568			
1/5/2016 1:05:00 AM	399900.000	12.133	17.640	27.654
7522.307	8752.650	4.929	5951.803	132.938
1.002	14.568			
1/5/2016 1:10:00 AM	400200.000	12.129	17.640	27.645
7525.736	8756.777	4.932	5954.609	132.877
1.002	14.569			
1/5/2016 1:15:00 AM	400500.000	12.128	17.641	27.644
7527.336	8758.401	4.933	5955.713	132.849
1.002	14.569			
1/5/2016 1:20:00 AM	400800.000	12.129	17.641	27.647
7529.729	8761.220	4.934	5957.630	132.807
1.002	14.568			
1/5/2016 1:25:00 AM	401100.000	12.129	17.640	27.645
7531.907	8763.974	4.936	5959.502	132.769
1.002	14.567			
1/5/2016 1:30:00 AM	401400.000	12.129	17.640	27.645
7532.267	8764.411	4.936	5959.800	132.762
1.002	14.565			
1/5/2016 1:35:00 AM	401700.000	12.129	17.641	27.645
7535.664	8768.075	4.939	5962.291	132.702
1.002	14.566			
1/5/2016 1:40:00 AM	402000.000	12.128	17.641	27.643
7537.314	8770.080	4.940	5963.654	132.673
1.002	14.567			
1/5/2016 1:45:00 AM	402300.000	12.125	17.641	27.637
7537.692	8770.520	4.940	5963.954	132.667
1.002	14.568			
1/5/2016 1:50:00 AM	402600.000	12.127	17.641	27.642
7541.185	8774.549	4.942	5966.694	132.605
1.002	14.568			
1/5/2016 1:55:00 AM	402900.000	12.128	17.640	27.643

7541.663	8775.343	4.943	5967.233	132.597
1.002	14.568			
1/5/2016 2:00:00 AM	403200.000	12.130	17.640	27.647
7544.706	8778.781	4.945	5969.572	132.543
1.002	14.568			
1/5/2016 2:05:00 AM	403500.000	12.129	17.640	27.646
7544.696	8778.839	4.945	5969.611	132.543
1.002	14.566			
1/5/2016 2:10:00 AM	403800.000	12.132	17.640	27.654
7545.629	8779.788	4.946	5970.256	132.527
1.002	14.564			
1/5/2016 2:15:00 AM	404100.000	12.135	17.640	27.659
7548.303	8782.932	4.948	5972.394	132.480
1.002	14.562			
1/5/2016 2:20:00 AM	404400.000	12.135	17.639	27.659
7549.699	8784.711	4.949	5973.604	132.456
1.002	14.561			
1/5/2016 2:25:00 AM	404700.000	12.137	17.640	27.663
7550.830	8785.992	4.949	5974.475	132.436
1.002	14.560			
1/5/2016 2:30:00 AM	405000.000	12.138	17.640	27.666
7552.242	8787.569	4.950	5975.548	132.411
1.002	14.559			
1/5/2016 2:35:00 AM	405300.000	12.136	17.640	27.661
7553.641	8789.127	4.951	5976.607	132.386
1.002	14.560			
1/5/2016 2:40:00 AM	405600.000	12.133	17.640	27.656
7555.208	8790.950	4.952	5977.847	132.359
1.002	14.561			
1/5/2016 2:45:00 AM	405900.000	12.129	17.639	27.647
7558.808	8795.346	4.955	5980.835	132.296
1.002	14.562			
1/5/2016 2:50:00 AM	406200.000	12.130	17.641	27.649
7557.378	8793.322	4.954	5979.459	132.321
1.002	14.561			
1/5/2016 2:55:00 AM	406500.000	12.130	17.640	27.648
7558.500	8794.935	4.955	5980.556	132.301
1.002	14.560			
1/5/2016 3:00:00 AM	406800.000	12.129	17.639	27.646
7560.184	8796.910	4.956	5981.899	132.272
1.002	14.559			
1/5/2016 3:05:00 AM	407100.000	12.132	17.641	27.652
7558.152	8794.223	4.954	5980.072	132.307
1.002	14.557			
1/5/2016 3:10:00 AM	407400.000	12.131	17.640	27.649
7561.600	8798.403	4.957	5982.915	132.247
1.002	14.554			
1/5/2016 3:15:00 AM	407700.000	12.135	17.639	27.659
7562.241	8799.305	4.957	5983.528	132.236
1.002	14.552			
1/5/2016 3:20:00 AM	408000.000	12.132	17.639	27.652
7562.018	8799.098	4.957	5983.387	132.240
1.002	14.552			
1/5/2016 3:25:00 AM	408300.000	12.133	17.640	27.655
7561.727	8798.535	4.957	5983.004	132.245
1.002	14.552			
1/5/2016 3:30:00 AM	408600.000	12.131	17.640	27.649

7563.179	8800.226	4.958	5984.154	132.220
1.002	14.552			
1/5/2016 3:35:00 AM	408900.000	12.134	17.640	27.658
7567.212	8804.919	4.961	5987.345	132.149
1.002	14.549			
1/5/2016 3:40:00 AM	409200.000	12.136	17.641	27.661
7566.058	8803.456	4.960	5986.351	132.169
1.002	14.546			
1/5/2016 3:45:00 AM	409500.000	12.136	17.641	27.662
7568.583	8806.462	4.962	5988.394	132.125
1.002	14.543			
1/5/2016 3:50:00 AM	409800.000	12.138	17.640	27.665
7568.768	8806.711	4.962	5988.563	132.122
1.002	14.542			
1/5/2016 3:55:00 AM	410100.000	12.138	17.639	27.667
7567.701	8805.693	4.961	5987.872	132.141
1.002	14.541			
1/5/2016 4:00:00 AM	410400.000	12.140	17.641	27.670
7568.432	8806.253	4.962	5988.252	132.128
1.002	14.540			
1/5/2016 4:05:00 AM	410700.000	12.136	17.640	27.661
7569.352	8807.493	4.962	5989.096	132.112
1.002	14.541			
1/5/2016 4:10:00 AM	411000.000	12.135	17.641	27.659
7572.769	8811.265	4.965	5991.661	132.052
1.002	14.543			
1/5/2016 4:15:00 AM	411300.000	12.132	17.640	27.654
7572.698	8811.353	4.965	5991.720	132.053
1.002	14.545			
1/5/2016 4:20:00 AM	411600.000	12.134	17.641	27.658
7570.727	8808.905	4.963	5990.056	132.088
1.002	14.543			
1/5/2016 4:25:00 AM	411900.000	12.136	17.641	27.661
7571.893	8810.294	4.964	5991.000	132.067
1.002	14.541			
1/5/2016 4:30:00 AM	412200.000	12.136	17.640	27.662
7574.295	8813.210	4.966	5992.983	132.025
1.002	14.539			
1/5/2016 4:35:00 AM	412500.000	12.134	17.640	27.658
7570.674	8809.101	4.963	5990.188	132.089
1.002	14.542			
1/5/2016 4:40:00 AM	412800.000	12.132	17.640	27.653
7570.471	8808.710	4.963	5989.923	132.092
1.002	14.546			
1/5/2016 4:45:00 AM	413100.000	12.131	17.641	27.650
7573.405	8811.971	4.965	5992.140	132.041
1.002	14.550			
1/5/2016 4:50:00 AM	413400.000	12.133	17.639	27.655
7573.882	8812.920	4.966	5992.786	132.033
1.002	14.546			
1/5/2016 4:55:00 AM	413700.000	12.133	17.641	27.654
7576.645	8815.791	4.967	5994.738	131.985
1.002	14.543			
1/5/2016 5:00:00 AM	414000.000	12.138	17.640	27.666
7573.106	8811.791	4.965	5992.018	132.046
1.002	14.540			
1/5/2016 5:05:00 AM	414300.000	12.135	17.639	27.660

7573.417	8812.345	4.965	5992.395	132.041
1.002	14.541			
1/5/2016 5:10:00 AM	414600.000	12.137	17.640	27.665
7574.114	8812.949	4.966	5992.806	132.029
1.002	14.542			
1/5/2016 5:15:00 AM	414900.000	12.142	17.641	27.675
7574.820	8813.601	4.966	5993.249	132.016
1.002	14.543			
1/5/2016 5:20:00 AM	415200.000	12.145	17.640	27.682
7576.072	8815.330	4.967	5994.425	131.995
1.002	14.543			
1/5/2016 5:25:00 AM	415500.000	12.145	17.640	27.682
7578.898	8818.481	4.969	5996.568	131.945
1.002	14.543			
1/5/2016 5:30:00 AM	415800.000	12.143	17.639	27.677
7580.938	8821.164	4.971	5998.392	131.910
1.002	14.543			
1/5/2016 5:35:00 AM	416100.000	12.144	17.640	27.681
7578.673	8818.254	4.969	5996.413	131.949
1.002	14.542			
1/5/2016 5:40:00 AM	416400.000	12.144	17.639	27.680
7583.014	8823.495	4.972	5999.977	131.874
1.002	14.542			
1/5/2016 5:45:00 AM	416700.000	12.146	17.640	27.684
7583.853	8824.332	4.973	6000.546	131.859
1.002	14.541			
1/5/2016 5:50:00 AM	417000.000	12.146	17.640	27.686
7583.740	8824.115	4.972	6000.398	131.861
1.002	14.541			
1/5/2016 5:55:00 AM	417300.000	12.144	17.640	27.680
7585.940	8826.796	4.974	6002.222	131.823
1.002	14.540			
1/5/2016 6:00:00 AM	417600.000	12.145	17.640	27.681
7586.350	8827.221	4.974	6002.511	131.816
1.002	14.540			
1/5/2016 6:05:00 AM	417900.000	12.147	17.640	27.688
7587.817	8829.048	4.975	6003.753	131.790
1.002	14.538			
1/5/2016 6:10:00 AM	418200.000	12.148	17.641	27.689
7587.408	8828.281	4.975	6003.231	131.797
1.002	14.536			
1/5/2016 6:15:00 AM	418500.000	12.148	17.640	27.689
7588.136	8829.265	4.976	6003.900	131.785
1.002	14.535			
1/5/2016 6:20:00 AM	418800.000	12.148	17.640	27.688
7586.761	8827.664	4.975	6002.812	131.809
1.002	14.537			
1/5/2016 6:25:00 AM	419100.000	12.144	17.639	27.679
7584.487	8825.226	4.973	6001.153	131.848
1.002	14.539			
1/5/2016 6:30:00 AM	419400.000	12.142	17.641	27.675
7586.068	8826.808	4.974	6002.229	131.821
1.002	14.541			
1/5/2016 6:35:00 AM	419700.000	12.142	17.639	27.674
7585.039	8825.852	4.973	6001.579	131.838
1.002	14.543			
1/5/2016 6:40:00 AM	420000.000	12.140	17.640	27.671

7585.295	8826.063	4.974	6001.723	131.834
1.002	14.544			
1/5/2016 6:45:00 AM	420300.000	12.141	17.641	27.674
7581.970	8822.005	4.971	5998.964	131.892
1.002	14.545			
1/5/2016 6:50:00 AM	420600.000	12.143	17.641	27.677
7585.383	8825.941	4.974	6001.640	131.833
1.002	14.545			
1/5/2016 6:55:00 AM	420900.000	12.148	17.640	27.689
7583.509	8824.035	4.972	6000.344	131.865
1.002	14.544			
1/5/2016 7:00:00 AM	421200.000	12.150	17.640	27.693
7583.176	8823.563	4.972	6000.024	131.871
1.002	14.543			
1/5/2016 7:05:00 AM	421500.000	12.146	17.639	27.684
7585.693	8826.629	4.974	6002.108	131.827
1.002	14.547			
1/5/2016 7:10:00 AM	421800.000	12.142	17.640	27.675
7587.413	8828.405	4.975	6003.316	131.797
1.002	14.552			
1/5/2016 7:15:00 AM	422100.000	12.138	17.640	27.665
7586.170	8827.080	4.974	6002.415	131.819
1.002	14.556			
1/5/2016 7:20:00 AM	422400.000	12.138	17.640	27.667
7586.500	8827.481	4.974	6002.688	131.813
1.002	14.554			
1/5/2016 7:25:00 AM	422700.000	12.142	17.639	27.674
7588.557	8830.097	4.976	6004.466	131.777
1.002	14.552			
1/5/2016 7:30:00 AM	423000.000	12.145	17.641	27.683
7587.628	8828.570	4.975	6003.428	131.793
1.002	14.550			
1/5/2016 7:35:00 AM	423300.000	12.144	17.640	27.679
7590.823	8832.356	4.977	6006.003	131.738
1.002	14.551			
1/5/2016 7:40:00 AM	423600.000	12.144	17.639	27.679
7587.488	8828.803	4.975	6003.586	131.796
1.002	14.552			
1/5/2016 7:45:00 AM	423900.000	12.144	17.641	27.681
7588.613	8829.734	4.976	6004.220	131.776
1.002	14.553			
1/5/2016 7:50:00 AM	424200.000	12.143	17.639	27.677
7587.128	8828.349	4.975	6003.278	131.802
1.002	14.553			
1/5/2016 7:55:00 AM	424500.000	12.142	17.639	27.675
7587.354	8828.563	4.975	6003.423	131.798
1.002	14.553			
1/5/2016 8:00:00 AM	424800.000	12.143	17.640	27.679
7589.937	8831.446	4.977	6005.383	131.753
1.002	14.553			
1/5/2016 8:05:00 AM	425100.000	12.145	17.639	27.682
7587.638	8828.856	4.975	6003.623	131.793
1.002	14.554			
1/5/2016 8:10:00 AM	425400.000	12.145	17.639	27.682
7586.152	8827.146	4.974	6002.459	131.819
1.002	14.555			
1/5/2016 8:15:00 AM	425700.000	12.141	17.640	27.674

7584.480	8825.165	4.973	6001.112	131.848
1.002	14.555			
1/5/2016 8:20:00 AM	426000.000	12.141	17.639	27.674
7576.881	8816.409	4.968	5995.159	131.980
1.002	14.558			
1/5/2016 8:25:00 AM	426300.000	12.140	17.639	27.671
7564.038	8801.517	4.959	5985.032	132.205
1.002	14.560			
1/5/2016 8:30:00 AM	426600.000	12.138	17.639	27.666
7544.767	8779.074	4.945	5969.771	132.542
1.002	14.563			
1/5/2016 8:35:00 AM	426900.000	12.140	17.639	27.671
7530.813	8762.819	4.935	5958.717	132.788
1.002	14.561			
1/5/2016 8:40:00 AM	427200.000	12.142	17.639	27.675
7515.114	8744.554	4.924	5946.297	133.065
1.002	14.560			
1/5/2016 8:45:00 AM	427500.000	12.145	17.639	27.682
7501.893	8729.136	4.915	5935.813	133.300
1.002	14.559			
1/5/2016 8:50:00 AM	427800.000	12.143	17.639	27.679
7490.034	8715.455	4.907	5926.509	133.511
1.002	14.559			
1/5/2016 8:55:00 AM	428100.000	12.147	17.639	27.686
7478.100	8701.519	4.898	5917.033	133.724
1.002	14.560			
1/5/2016 9:00:00 AM	428400.000	12.146	17.639	27.686
7468.807	8690.688	4.892	5909.668	133.890
1.002	14.560			
1/5/2016 9:05:00 AM	428700.000	12.144	17.640	27.680
7456.782	8676.544	4.883	5900.050	134.106
1.002	14.562			
1/5/2016 9:10:00 AM	429000.000	12.144	17.640	27.681
7449.396	8667.901	4.878	5894.173	134.239
1.002	14.565			
1/5/2016 9:15:00 AM	429300.000	12.143	17.640	27.677
7439.885	8656.884	4.871	5886.682	134.411
1.002	14.567			
1/5/2016 9:20:00 AM	429600.000	12.145	17.640	27.681
7431.525	8647.140	4.866	5880.056	134.562
1.002	14.567			
1/5/2016 9:25:00 AM	429900.000	12.147	17.640	27.687
7426.025	8640.756	4.862	5875.714	134.662
1.002	14.567			
1/5/2016 9:30:00 AM	430200.000	12.148	17.639	27.688
7419.061	8632.771	4.857	5870.285	134.788
1.002	14.566			
1/5/2016 9:35:00 AM	430500.000	12.148	17.639	27.688
7411.726	8624.235	4.852	5864.480	134.921
1.002	14.566			
1/5/2016 9:40:00 AM	430800.000	12.147	17.639	27.688
7404.468	8615.741	4.847	5858.705	135.054
1.002	14.567			
1/5/2016 9:45:00 AM	431100.000	12.147	17.639	27.687
7396.143	8606.119	4.841	5852.162	135.206
1.002	14.567			
1/5/2016 9:50:00 AM	431400.000	12.144	17.639	27.681

7391.518	8600.654	4.837	5848.445	135.290
1.002	14.571			
1/5/2016 9:55:00 AM	431700.000	12.140	17.640	27.672
7385.517	8593.638	4.833	5843.674	135.400
1.002	14.576			
1/5/2016 10:00:00 AM	432000.000	12.139	17.638	27.669
7376.932	8583.865	4.827	5837.028	135.558
1.002	14.580			
1/5/2016 10:05:00 AM	432300.000	12.142	17.638	27.675
7371.867	8577.971	4.824	5833.020	135.651
1.002	14.580			
1/5/2016 10:10:00 AM	432600.000	12.145	17.640	27.681
7366.657	8571.693	4.820	5828.751	135.747
1.002	14.579			
1/5/2016 10:15:00 AM	432900.000	12.146	17.639	27.685
7361.347	8565.548	4.816	5824.573	135.845
1.002	14.579			
1/5/2016 10:20:00 AM	433200.000	12.142	17.639	27.676
7356.521	8560.063	4.813	5820.844	135.934
1.002	14.583			
1/5/2016 10:25:00 AM	433500.000	12.141	17.639	27.672
7351.598	8554.222	4.809	5816.871	136.025
1.002	14.587			
1/5/2016 10:30:00 AM	433800.000	12.138	17.639	27.666
7348.262	8550.454	4.807	5814.309	136.087
1.002	14.591			
1/5/2016 10:35:00 AM	434100.000	12.137	17.639	27.664
7342.033	8543.205	4.803	5809.379	136.202
1.002	14.591			
1/5/2016 10:40:00 AM	434400.000	12.138	17.640	27.667
7341.869	8542.833	4.803	5809.127	136.205
1.002	14.590			
1/5/2016 10:45:00 AM	434700.000	12.140	17.638	27.670
7335.994	8536.247	4.799	5804.648	136.314
1.002	14.590			
1/5/2016 10:50:00 AM	435000.000	12.142	17.639	27.675
7332.486	8532.116	4.796	5801.839	136.379
1.002	14.589			
1/5/2016 10:55:00 AM	435300.000	12.142	17.639	27.675
7328.903	8527.796	4.794	5798.901	136.446
1.002	14.588			
1/5/2016 11:00:00 AM	435600.000	12.143	17.639	27.677
7325.060	8523.359	4.791	5795.885	136.518
1.002	14.588			
1/5/2016 11:05:00 AM	435900.000	12.141	17.639	27.673
7319.546	8516.960	4.787	5791.533	136.620
1.002	14.589			
1/5/2016 11:10:00 AM	436200.000	12.141	17.640	27.673
7318.504	8515.680	4.786	5790.662	136.640
1.002	14.589			
1/5/2016 11:15:00 AM	436500.000	12.140	17.640	27.671
7315.756	8512.465	4.784	5788.477	136.691
1.002	14.590			
1/5/2016 11:20:00 AM	436800.000	12.139	17.640	27.668
7309.687	8505.306	4.780	5783.608	136.805
1.002	14.590			
1/5/2016 11:25:00 AM	437100.000	12.140	17.639	27.671

7309.579	8505.378	4.780	5783.658	136.807
1.002	14.590			
1/5/2016 11:30:00 AM	437400.000	12.141	17.640	27.673
7304.760	8499.588	4.777	5779.720	136.897
1.002	14.590			
1/5/2016 11:35:00 AM	437700.000	12.139	17.639	27.668
7301.907	8496.466	4.775	5777.597	136.951
1.002	14.593			
1/5/2016 11:40:00 AM	438000.000	12.136	17.640	27.662
7301.734	8496.067	4.774	5777.326	136.954
1.002	14.595			
1/5/2016 11:45:00 AM	438300.000	12.134	17.640	27.658
7297.010	8490.589	4.771	5773.601	137.042
1.002	14.597			
1/5/2016 11:50:00 AM	438600.000	12.138	17.640	27.667
7294.833	8488.104	4.770	5771.912	137.083
1.002	14.595			
1/5/2016 11:55:00 AM	438900.000	12.141	17.639	27.673
7291.384	8484.239	4.767	5769.283	137.148
1.002	14.592			
1/5/2016 12:00:00 PM	439200.000	12.144	17.640	27.679
7285.869	8477.707	4.763	5764.841	137.252
1.002	14.589			
1/5/2016 12:05:00 PM	439500.000	12.143	17.640	27.678
7287.019	8479.011	4.764	5765.728	137.230
1.002	14.590			
1/5/2016 12:10:00 PM	439800.000	12.141	17.640	27.674
7282.501	8473.707	4.761	5762.121	137.315
1.002	14.592			
1/5/2016 12:15:00 PM	440100.000	12.140	17.640	27.670
7280.034	8470.899	4.759	5760.211	137.362
1.002	14.593			
1/5/2016 12:20:00 PM	440400.000	12.140	17.640	27.670
7277.203	8467.557	4.757	5757.939	137.415
1.002	14.594			
1/5/2016 12:25:00 PM	440700.000	12.139	17.640	27.669
7273.871	8463.680	4.755	5755.302	137.478
1.002	14.594			
1/5/2016 12:30:00 PM	441000.000	12.141	17.638	27.674
7271.672	8461.401	4.754	5753.753	137.520
1.002	14.594			
1/5/2016 12:35:00 PM	441300.000	12.140	17.639	27.671
7270.437	8459.801	4.753	5752.665	137.543
1.002	14.594			
1/5/2016 12:40:00 PM	441600.000	12.140	17.638	27.671
7267.906	8457.002	4.751	5750.762	137.591
1.002	14.594			
1/5/2016 12:45:00 PM	441900.000	12.141	17.639	27.672
7266.220	8455.008	4.750	5749.405	137.623
1.002	14.594			
1/5/2016 12:50:00 PM	442200.000	12.146	17.640	27.685
7263.377	8451.421	4.748	5746.966	137.677
1.002	14.594			
1/5/2016 12:55:00 PM	442500.000	12.142	17.639	27.676
7260.250	8447.994	4.745	5744.637	137.736
1.002	14.594			
1/5/2016 1:00:00 PM	442800.000	12.143	17.639	27.678

7258.843	8446.425	4.745	5743.569	137.763
1.002	14.594			
1/5/2016 1:05:00 PM	443100.000	12.139	17.639	27.669
7257.415	8444.648	4.743	5742.361	137.790
1.002	14.598			
1/5/2016 1:10:00 PM	443400.000	12.133	17.640	27.656
7255.171	8441.971	4.742	5740.541	137.833
1.002	14.602			
1/5/2016 1:15:00 PM	443700.000	12.130	17.640	27.648
7253.612	8440.141	4.741	5739.296	137.862
1.002	14.607			
1/5/2016 1:20:00 PM	444000.000	12.133	17.639	27.654
7250.418	8436.522	4.739	5736.836	137.923
1.002	14.606			
1/5/2016 1:25:00 PM	444300.000	12.133	17.639	27.656
7250.534	8436.642	4.739	5736.917	137.921
1.002	14.605			
1/5/2016 1:30:00 PM	444600.000	12.134	17.640	27.657
7247.195	8432.674	4.736	5734.219	137.984
1.002	14.604			
1/5/2016 1:35:00 PM	444900.000	12.134	17.640	27.658
7246.295	8431.593	4.736	5733.483	138.002
1.002	14.605			
1/5/2016 1:40:00 PM	445200.000	12.134	17.640	27.658
7245.349	8430.541	4.735	5732.769	138.020
1.002	14.605			
1/5/2016 1:45:00 PM	445500.000	12.133	17.640	27.655
7241.388	8425.851	4.732	5729.579	138.095
1.002	14.606			
1/5/2016 1:50:00 PM	445800.000	12.131	17.640	27.651
7241.163	8425.654	4.732	5729.445	138.099
1.002	14.606			
1/5/2016 1:55:00 PM	446100.000	12.132	17.639	27.652
7240.793	8425.402	4.732	5729.274	138.106
1.002	14.607			
1/5/2016 2:00:00 PM	446400.000	12.131	17.639	27.649
7237.310	8421.302	4.729	5726.486	138.173
1.002	14.608			
1/5/2016 2:05:00 PM	446700.000	12.131	17.639	27.650
7237.903	8421.978	4.730	5726.945	138.162
1.002	14.608			
1/5/2016 2:10:00 PM	447000.000	12.133	17.639	27.654
7236.507	8420.385	4.729	5725.862	138.188
1.002	14.608			
1/5/2016 2:15:00 PM	447300.000	12.134	17.640	27.657
7234.851	8418.294	4.728	5724.440	138.220
1.002	14.609			
1/5/2016 2:20:00 PM	447600.000	12.134	17.639	27.658
7234.594	8418.188	4.728	5724.369	138.225
1.002	14.609			
1/5/2016 2:25:00 PM	447900.000	12.136	17.639	27.661
7232.327	8415.489	4.726	5722.533	138.268
1.002	14.608			
1/5/2016 2:30:00 PM	448200.000	12.136	17.640	27.662
7230.592	8413.288	4.725	5721.037	138.301
1.002	14.608			
1/5/2016 2:35:00 PM	448500.000	12.134	17.639	27.657

7229.824	8412.510	4.724	5720.507	138.316
1.002	14.610			
1/5/2016 2:40:00 PM	448800.000	12.134	17.639	27.657
7229.299	8411.933	4.724	5720.115	138.326
1.002	14.611			
1/5/2016 2:45:00 PM	449100.000	12.134	17.639	27.656
7227.748	8410.144	4.723	5718.898	138.356
1.002	14.612			
1/5/2016 2:50:00 PM	449400.000	12.134	17.639	27.658
7228.542	8411.067	4.723	5719.526	138.340
1.002	14.611			
1/5/2016 2:55:00 PM	449700.000	12.135	17.639	27.660
7225.726	8407.741	4.721	5717.265	138.394
1.002	14.609			
1/5/2016 3:00:00 PM	450000.000	12.137	17.640	27.664
7226.351	8408.372	4.722	5717.693	138.382
1.002	14.608			
1/5/2016 3:05:00 PM	450300.000	12.136	17.640	27.663
7225.417	8407.350	4.721	5716.998	138.400
1.002	14.610			
1/5/2016 3:10:00 PM	450600.000	12.133	17.640	27.655
7225.130	8406.999	4.721	5716.760	138.406
1.002	14.612			
1/5/2016 3:15:00 PM	450900.000	12.131	17.638	27.651
7222.898	8404.630	4.719	5715.149	138.449
1.002	14.614			
1/5/2016 3:20:00 PM	451200.000	12.131	17.639	27.651
7222.053	8403.533	4.719	5714.403	138.465
1.002	14.614			
1/5/2016 3:25:00 PM	451500.000	12.133	17.639	27.655
7222.557	8404.104	4.719	5714.791	138.455
1.002	14.615			
1/5/2016 3:30:00 PM	451800.000	12.132	17.639	27.653
7222.226	8403.687	4.719	5714.507	138.461
1.002	14.615			
1/5/2016 3:35:00 PM	452100.000	12.131	17.639	27.650
7222.673	8404.270	4.719	5714.903	138.453
1.002	14.616			
1/5/2016 3:40:00 PM	452400.000	12.130	17.640	27.648
7220.748	8401.933	4.718	5713.314	138.490
1.002	14.617			
1/5/2016 3:45:00 PM	452700.000	12.132	17.640	27.652
7221.251	8402.502	4.718	5713.701	138.480
1.002	14.617			
1/5/2016 3:50:00 PM	453000.000	12.128	17.639	27.644
7222.476	8404.026	4.719	5714.738	138.457
1.002	14.619			
1/5/2016 3:55:00 PM	453300.000	12.126	17.639	27.639
7219.795	8400.890	4.717	5712.605	138.508
1.002	14.620			
1/5/2016 4:00:00 PM	453600.000	12.125	17.639	27.638
7222.088	8403.543	4.719	5714.409	138.464
1.002	14.622			
1/5/2016 4:05:00 PM	453900.000	12.126	17.639	27.639
7221.790	8403.260	4.719	5714.217	138.470
1.002	14.622			
1/5/2016 4:10:00 PM	454200.000	12.128	17.639	27.643

7218.192	8399.042	4.716	5711.349	138.539
1.002	14.622			
1/5/2016 4:15:00 PM	454500.000	12.129	17.639	27.646
7221.610	8402.970	4.718	5714.020	138.473
1.002	14.621			
1/5/2016 4:20:00 PM	454800.000	12.129	17.640	27.647
7221.417	8402.694	4.718	5713.833	138.477
1.002	14.623			
1/5/2016 4:25:00 PM	455100.000	12.128	17.638	27.643
7219.958	8401.209	4.717	5712.822	138.505
1.002	14.624			
1/5/2016 4:30:00 PM	455400.000	12.128	17.639	27.643
7221.714	8403.140	4.718	5714.136	138.471
1.002	14.625			
1/5/2016 4:35:00 PM	455700.000	12.127	17.639	27.642
7222.237	8403.681	4.719	5714.503	138.461
1.002	14.625			
1/5/2016 4:40:00 PM	456000.000	12.125	17.640	27.636
7221.987	8403.261	4.719	5714.218	138.466
1.002	14.626			
1/5/2016 4:45:00 PM	456300.000	12.130	17.640	27.648
7221.611	8402.889	4.718	5713.964	138.473
1.002	14.626			
1/5/2016 4:50:00 PM	456600.000	12.124	17.639	27.634
7222.420	8403.929	4.719	5714.671	138.458
1.002	14.629			
1/5/2016 4:55:00 PM	456900.000	12.124	17.640	27.634
7222.675	8404.176	4.719	5714.839	138.453
1.002	14.631			
1/5/2016 5:00:00 PM	457200.000	12.123	17.639	27.632
7222.656	8404.298	4.719	5714.922	138.453
1.002	14.633			
1/5/2016 5:05:00 PM	457500.000	12.123	17.639	27.633
7222.087	8403.589	4.719	5714.441	138.464
1.002	14.631			
1/5/2016 5:10:00 PM	457800.000	12.126	17.639	27.638
7222.326	8403.818	4.719	5714.597	138.460
1.002	14.629			
1/5/2016 5:15:00 PM	458100.000	12.129	17.640	27.645
7222.758	8404.174	4.719	5714.838	138.451
1.002	14.628			
1/5/2016 5:20:00 PM	458400.000	12.127	17.639	27.641
7222.658	8404.222	4.719	5714.871	138.453
1.002	14.632			
1/5/2016 5:25:00 PM	458700.000	12.125	17.639	27.636
7223.636	8405.473	4.720	5715.722	138.434
1.002	14.636			
1/5/2016 5:30:00 PM	459000.000	12.119	17.639	27.623
7222.911	8404.547	4.719	5715.092	138.448
1.002	14.640			
1/5/2016 5:35:00 PM	459300.000	12.122	17.639	27.631
7223.231	8404.888	4.720	5715.324	138.442
1.002	14.639			
1/5/2016 5:40:00 PM	459600.000	12.123	17.640	27.633
7222.430	8403.890	4.719	5714.646	138.458
1.002	14.637			
1/5/2016 5:45:00 PM	459900.000	12.125	17.639	27.636

7223.279	8404.912	4.720	5715.341	138.441
1.002	14.636			
1/5/2016 5:50:00 PM	460200.000	12.124	17.640	27.633
7223.598	8405.249	4.720	5715.569	138.435
1.002	14.637			
1/5/2016 5:55:00 PM	460500.000	12.124	17.640	27.635
7221.082	8402.321	4.718	5713.579	138.483
1.002	14.638			
1/5/2016 6:00:00 PM	460800.000	12.124	17.640	27.635
7222.472	8403.841	4.719	5714.612	138.457
1.002	14.639			
1/5/2016 6:05:00 PM	461100.000	12.124	17.640	27.635
7223.124	8404.565	4.719	5715.104	138.444
1.002	14.640			
1/5/2016 6:10:00 PM	461400.000	12.122	17.639	27.630
7221.935	8403.380	4.719	5714.299	138.467
1.002	14.641			
1/5/2016 6:15:00 PM	461700.000	12.122	17.639	27.629
7222.815	8404.452	4.719	5715.028	138.450
1.002	14.642			
1/5/2016 6:20:00 PM	462000.000	12.122	17.640	27.629
7223.262	8404.744	4.719	5715.226	138.442
1.002	14.644			
1/5/2016 6:25:00 PM	462300.000	12.120	17.639	27.625
7222.313	8403.918	4.719	5714.665	138.460
1.002	14.645			
1/5/2016 6:30:00 PM	462600.000	12.119	17.640	27.623
7225.473	8407.332	4.721	5716.986	138.399
1.002	14.647			
1/5/2016 6:35:00 PM	462900.000	12.120	17.640	27.624
7222.818	8404.293	4.719	5714.919	138.450
1.002	14.646			
1/5/2016 6:40:00 PM	463200.000	12.120	17.639	27.624
7223.188	8404.788	4.719	5715.256	138.443
1.002	14.644			
1/5/2016 6:45:00 PM	463500.000	12.123	17.639	27.632
7221.172	8402.442	4.718	5713.661	138.482
1.002	14.643			
1/5/2016 6:50:00 PM	463800.000	12.122	17.640	27.631
7222.031	8403.378	4.719	5714.297	138.465
1.002	14.644			
1/5/2016 6:55:00 PM	464100.000	12.122	17.639	27.629
7223.554	8405.281	4.720	5715.591	138.436
1.002	14.644			
1/5/2016 7:00:00 PM	464400.000	12.120	17.639	27.625
7223.954	8405.714	4.720	5715.886	138.428
1.002	14.645			
1/5/2016 7:05:00 PM	464700.000	12.122	17.640	27.631
7221.950	8403.332	4.719	5714.266	138.467
1.002	14.645			
1/5/2016 7:10:00 PM	465000.000	12.121	17.640	27.627
7223.588	8405.158	4.720	5715.508	138.435
1.002	14.645			
1/5/2016 7:15:00 PM	465300.000	12.121	17.640	27.627
7220.528	8401.598	4.718	5713.086	138.494
1.002	14.645			
1/5/2016 7:20:00 PM	465600.000	12.118	17.639	27.620

7223.104	8404.771	4.719	5715.244	138.445
1.002	14.646			
1/5/2016 7:25:00 PM	465900.000	12.119	17.639	27.623
7222.114	8403.557	4.719	5714.419	138.464
1.002	14.648			
1/5/2016 7:30:00 PM	466200.000	12.118	17.640	27.621
7223.497	8405.052	4.720	5715.436	138.437
1.002	14.649			
1/5/2016 7:35:00 PM	466500.000	12.117	17.640	27.619
7222.696	8404.102	4.719	5714.790	138.452
1.002	14.649			
1/5/2016 7:40:00 PM	466800.000	12.117	17.640	27.619
7223.377	8404.943	4.720	5715.362	138.439
1.002	14.650			
1/5/2016 7:45:00 PM	467100.000	12.118	17.639	27.620
7221.602	8403.040	4.718	5714.067	138.473
1.002	14.650			
1/5/2016 7:50:00 PM	467400.000	12.118	17.640	27.622
7222.751	8404.131	4.719	5714.810	138.451
1.002	14.650			
1/5/2016 7:55:00 PM	467700.000	12.122	17.639	27.629
7223.892	8405.722	4.720	5715.891	138.430
1.002	14.650			
1/5/2016 8:00:00 PM	468000.000	12.124	17.640	27.634
7223.609	8405.183	4.720	5715.525	138.435
1.002	14.650			
1/5/2016 8:05:00 PM	468300.000	12.120	17.640	27.626
7229.252	8411.779	4.724	5720.010	138.327
1.002	14.651			
1/5/2016 8:10:00 PM	468600.000	12.121	17.639	27.628
7238.279	8422.430	4.730	5727.252	138.154
1.002	14.653			
1/5/2016 8:15:00 PM	468900.000	12.120	17.639	27.624
7253.124	8439.655	4.740	5738.966	137.872
1.002	14.654			
1/5/2016 8:20:00 PM	469200.000	12.121	17.639	27.628
7265.150	8453.729	4.749	5748.537	137.643
1.002	14.654			
1/5/2016 8:25:00 PM	469500.000	12.122	17.640	27.631
7277.008	8467.315	4.757	5757.775	137.419
1.002	14.653			
1/5/2016 8:30:00 PM	469800.000	12.125	17.639	27.637
7287.372	8479.521	4.764	5766.075	137.224
1.002	14.652			
1/5/2016 8:35:00 PM	470100.000	12.123	17.640	27.632
7299.590	8493.592	4.773	5775.643	136.994
1.002	14.654			
1/5/2016 8:40:00 PM	470400.000	12.121	17.639	27.627
7311.106	8507.123	4.781	5784.844	136.778
1.002	14.656			
1/5/2016 8:45:00 PM	470700.000	12.120	17.640	27.625
7319.579	8516.765	4.787	5791.400	136.620
1.002	14.657			
1/5/2016 8:50:00 PM	471000.000	12.120	17.641	27.625
7329.497	8528.239	4.794	5799.203	136.435
1.002	14.660			
1/5/2016 8:55:00 PM	471300.000	12.118	17.640	27.622

7338.699	8539.044	4.800	5806.550	136.264
1.002	14.663			
1/5/2016 9:00:00 PM	471600.000	12.120	17.640	27.625
7348.745	8550.851	4.807	5814.579	136.078
1.002	14.665			
1/5/2016 9:05:00 PM	471900.000	12.119	17.640	27.623
7356.354	8559.673	4.813	5820.578	135.937
1.002	14.667			
1/5/2016 9:10:00 PM	472200.000	12.118	17.639	27.621
7364.762	8569.572	4.819	5827.309	135.782
1.002	14.669			
1/5/2016 9:15:00 PM	472500.000	12.116	17.640	27.617
7375.642	8581.997	4.826	5835.759	135.581
1.002	14.671			
1/5/2016 9:20:00 PM	472800.000	12.119	17.640	27.623
7381.875	8589.250	4.831	5840.690	135.467
1.002	14.670			
1/5/2016 9:25:00 PM	473100.000	12.121	17.641	27.629
7389.864	8598.462	4.836	5846.954	135.320
1.002	14.668			
1/5/2016 9:30:00 PM	473400.000	12.124	17.639	27.633
7395.991	8605.894	4.841	5852.008	135.208
1.002	14.667			
1/5/2016 9:35:00 PM	473700.000	12.122	17.640	27.629
7402.082	8612.762	4.845	5856.679	135.097
1.002	14.669			
1/5/2016 9:40:00 PM	474000.000	12.119	17.640	27.623
7410.515	8622.574	4.851	5863.351	134.943
1.002	14.671			
1/5/2016 9:45:00 PM	474300.000	12.118	17.641	27.621
7417.414	8630.550	4.856	5868.774	134.818
1.002	14.674			
1/5/2016 9:50:00 PM	474600.000	12.119	17.640	27.622
7421.124	8635.069	4.858	5871.848	134.750
1.002	14.673			
1/5/2016 9:55:00 PM	474900.000	12.121	17.639	27.628
7427.575	8642.645	4.863	5876.999	134.633
1.002	14.671			
1/5/2016 10:00:00 PM	475200.000	12.119	17.641	27.624
7433.124	8648.747	4.867	5881.148	134.533
1.002	14.670			
1/5/2016 10:05:00 PM	475500.000	12.122	17.640	27.630
7437.939	8654.501	4.870	5885.061	134.446
1.002	14.670			
1/5/2016 10:10:00 PM	475800.000	12.121	17.640	27.628
7443.648	8661.179	4.874	5889.602	134.343
1.002	14.670			
1/5/2016 10:15:00 PM	476100.000	12.124	17.639	27.634
7447.012	8665.226	4.876	5892.354	134.282
1.002	14.670			
1/5/2016 10:20:00 PM	476400.000	12.128	17.639	27.644
7454.176	8673.562	4.881	5898.022	134.153
1.002	14.669			
1/5/2016 10:25:00 PM	476700.000	12.126	17.640	27.639
7458.186	8678.211	4.884	5901.184	134.081
1.002	14.667			
1/5/2016 10:30:00 PM	477000.000	12.125	17.640	27.638

7461.680	8682.125	4.887	5903.845	134.018
1.002	14.666			
1/5/2016 10:35:00 PM	477300.000	12.125	17.640	27.637
7467.351	8688.842	4.891	5908.413	133.916
1.002	14.667			
1/5/2016 10:40:00 PM	477600.000	12.125	17.641	27.637
7470.031	8691.773	4.892	5910.406	133.868
1.002	14.668			
1/5/2016 10:45:00 PM	477900.000	12.123	17.641	27.632
7473.809	8696.120	4.895	5913.362	133.801
1.002	14.670			
1/5/2016 10:50:00 PM	478200.000	12.124	17.641	27.635
7476.837	8699.660	4.897	5915.769	133.746
1.002	14.669			
1/5/2016 10:55:00 PM	478500.000	12.124	17.640	27.634
7481.811	8705.618	4.901	5919.821	133.657
1.002	14.668			
1/5/2016 11:00:00 PM	478800.000	12.126	17.640	27.639
7487.984	8712.816	4.905	5924.715	133.547
1.002	14.668			
1/5/2016 11:05:00 PM	479100.000	12.125	17.640	27.636
7489.440	8714.426	4.906	5925.810	133.521
1.002	14.669			
1/5/2016 11:10:00 PM	479400.000	12.123	17.640	27.632
7491.658	8717.041	4.908	5927.588	133.482
1.002	14.671			
1/5/2016 11:15:00 PM	479700.000	12.121	17.639	27.627
7493.952	8719.863	4.909	5929.508	133.441
1.002	14.672			
1/5/2016 11:20:00 PM	480000.000	12.122	17.639	27.629
7499.174	8725.973	4.913	5933.662	133.348
1.002	14.670			
1/5/2016 11:25:00 PM	480300.000	12.123	17.640	27.632
7501.827	8728.908	4.915	5935.658	133.301
1.002	14.668			
1/5/2016 11:30:00 PM	480600.000	12.127	17.640	27.640
7504.174	8731.704	4.917	5937.559	133.259
1.002	14.666			
1/5/2016 11:35:00 PM	480900.000	12.127	17.640	27.641
7504.713	8732.267	4.917	5937.941	133.250
1.002	14.665			
1/5/2016 11:40:00 PM	481200.000	12.127	17.640	27.640
7509.094	8737.447	4.920	5941.464	133.172
1.002	14.664			
1/5/2016 11:45:00 PM	481500.000	12.127	17.639	27.642
7510.527	8739.131	4.921	5942.609	133.146
1.002	14.663			
1/5/2016 11:50:00 PM	481800.000	12.124	17.640	27.634
7514.284	8743.418	4.924	5945.525	133.080
1.002	14.663			
1/5/2016 11:55:00 PM	482100.000	12.125	17.639	27.637
7514.458	8743.774	4.924	5945.767	133.077
1.002	14.662			
1/6/2016 12:00:00 AM	482400.000	12.126	17.639	27.638
7516.983	8746.713	4.926	5947.765	133.032
1.002	14.662			
1/6/2016 12:05:00 AM	482700.000	12.128	17.641	27.643

7520.750	8750.807	4.928	5950.549	132.965
1.002	14.659			
1/6/2016 12:10:00 AM	483000.000	12.128	17.640	27.644
7518.967	8748.852	4.927	5949.220	132.997
1.002	14.657			
1/6/2016 12:15:00 AM	483300.000	12.131	17.641	27.651
7522.799	8753.123	4.930	5952.124	132.929
1.002	14.655			
1/6/2016 12:20:00 AM	483600.000	12.132	17.639	27.652
7525.943	8757.068	4.932	5954.807	132.874
1.002	14.655			
1/6/2016 12:25:00 AM	483900.000	12.132	17.640	27.654
7524.784	8755.686	4.931	5953.867	132.894
1.002	14.655			
1/6/2016 12:30:00 AM	484200.000	12.133	17.641	27.655
7526.637	8757.555	4.932	5955.137	132.861
1.002	14.654			
1/6/2016 12:35:00 AM	484500.000	12.132	17.640	27.652
7530.451	8762.280	4.935	5958.351	132.794
1.002	14.654			
1/6/2016 12:40:00 AM	484800.000	12.132	17.640	27.653
7530.024	8761.613	4.935	5957.897	132.802
1.002	14.654			
1/6/2016 12:45:00 AM	485100.000	12.132	17.639	27.653
7533.514	8765.930	4.937	5960.832	132.740
1.002	14.654			
1/6/2016 12:50:00 AM	485400.000	12.129	17.640	27.646
7534.195	8766.571	4.938	5961.269	132.728
1.002	14.654			
1/6/2016 12:55:00 AM	485700.000	12.129	17.639	27.647
7534.660	8767.313	4.938	5961.774	132.720
1.002	14.655			
1/6/2016 1:00:00 AM	486000.000	12.127	17.641	27.642
7538.395	8771.317	4.940	5964.497	132.654
1.002	14.655			
1/6/2016 1:05:00 AM	486300.000	12.128	17.640	27.644
7538.199	8771.175	4.940	5964.399	132.658
1.002	14.653			
1/6/2016 1:10:00 AM	486600.000	12.130	17.640	27.649
7539.619	8772.896	4.941	5965.570	132.633
1.002	14.650			
1/6/2016 1:15:00 AM	486900.000	12.129	17.640	27.645
7541.347	8774.925	4.943	5966.949	132.602
1.002	14.648			
1/6/2016 1:20:00 AM	487200.000	12.130	17.639	27.647
7541.570	8775.271	4.943	5967.185	132.598
1.002	14.645			
1/6/2016 1:25:00 AM	487500.000	12.132	17.639	27.652
7541.538	8775.233	4.943	5967.159	132.599
1.002	14.642			
1/6/2016 1:30:00 AM	487800.000	12.131	17.639	27.650
7542.919	8776.822	4.944	5968.239	132.575
1.002	14.639			
1/6/2016 1:35:00 AM	488100.000	12.130	17.640	27.647
7543.846	8777.801	4.944	5968.905	132.558
1.002	14.640			
1/6/2016 1:40:00 AM	488400.000	12.127	17.641	27.642

7544.124	8777.983	4.945	5969.029	132.553
1.002	14.641			
1/6/2016 1:45:00 AM	488700.000	12.124	17.640	27.635
7546.137	8780.481	4.946	5970.728	132.518
1.002	14.642			
1/6/2016 1:50:00 AM	489000.000	12.127	17.638	27.640
7546.461	8781.163	4.946	5971.191	132.512
1.002	14.639			
1/6/2016 1:55:00 AM	489300.000	12.130	17.640	27.648
7546.701	8781.087	4.946	5971.140	132.508
1.002	14.637			
1/6/2016 2:00:00 AM	489600.000	12.134	17.639	27.658
7547.967	8782.731	4.947	5972.258	132.486
1.002	14.634			
1/6/2016 2:05:00 AM	489900.000	12.131	17.640	27.650
7548.212	8782.776	4.947	5972.288	132.482
1.002	14.633			
1/6/2016 2:10:00 AM	490200.000	12.133	17.640	27.655
7550.370	8785.355	4.949	5974.042	132.444
1.002	14.631			
1/6/2016 2:15:00 AM	490500.000	12.135	17.641	27.660
7548.978	8783.651	4.948	5972.883	132.468
1.002	14.630			
1/6/2016 2:20:00 AM	490800.000	12.134	17.640	27.656
7551.242	8786.302	4.950	5974.685	132.429
1.002	14.631			
1/6/2016 2:25:00 AM	491100.000	12.133	17.639	27.655
7550.005	8785.066	4.949	5973.846	132.450
1.002	14.631			
1/6/2016 2:30:00 AM	491400.000	12.130	17.640	27.648
7551.164	8786.315	4.950	5974.695	132.430
1.002	14.632			
1/6/2016 2:35:00 AM	491700.000	12.134	17.639	27.656
7551.189	8786.515	4.950	5974.830	132.429
1.002	14.628			
1/6/2016 2:40:00 AM	492000.000	12.137	17.641	27.664
7551.322	8786.345	4.950	5974.715	132.427
1.002	14.623			
1/6/2016 2:45:00 AM	492300.000	12.140	17.640	27.671
7552.096	8787.465	4.950	5975.476	132.414
1.002	14.619			
1/6/2016 2:50:00 AM	492600.000	12.140	17.641	27.671
7553.829	8789.227	4.951	5976.674	132.383
1.002	14.620			
1/6/2016 2:55:00 AM	492900.000	12.138	17.639	27.666
7554.065	8789.827	4.952	5977.083	132.379
1.002	14.620			
1/6/2016 3:00:00 AM	493200.000	12.134	17.640	27.657
7555.056	8790.789	4.952	5977.737	132.362
1.002	14.620			
1/6/2016 3:05:00 AM	493500.000	12.138	17.639	27.665
7556.278	8792.366	4.953	5978.810	132.340
1.002	14.616			
1/6/2016 3:10:00 AM	493800.000	12.138	17.641	27.665
7552.814	8788.115	4.951	5975.919	132.401
1.002	14.612			
1/6/2016 3:15:00 AM	494100.000	12.139	17.639	27.667

7554.297	8790.081	4.952	5977.256	132.375
1.002	14.609			
1/6/2016 3:20:00 AM	494400.000	12.142	17.640	27.674
7553.599	8789.232	4.951	5976.678	132.387
1.002	14.606			
1/6/2016 3:25:00 AM	494700.000	12.140	17.639	27.670
7555.272	8791.231	4.953	5978.038	132.358
1.002	14.603			
1/6/2016 3:30:00 AM	495000.000	12.139	17.640	27.669
7553.250	8788.826	4.951	5976.402	132.393
1.002	14.600			
1/6/2016 3:35:00 AM	495300.000	12.138	17.640	27.666
7554.158	8789.849	4.952	5977.098	132.377
1.002	14.599			
1/6/2016 3:40:00 AM	495600.000	12.137	17.640	27.664
7553.710	8789.294	4.951	5976.720	132.385
1.002	14.599			
1/6/2016 3:45:00 AM	495900.000	12.136	17.641	27.662
7554.289	8789.797	4.952	5977.062	132.375
1.002	14.598			
1/6/2016 3:50:00 AM	496200.000	12.136	17.640	27.661
7554.989	8790.815	4.952	5977.754	132.363
1.002	14.596			
1/6/2016 3:55:00 AM	496500.000	12.144	17.640	27.680
7553.436	8789.008	4.951	5976.526	132.390
1.002	14.593			
1/6/2016 4:00:00 AM	496800.000	12.141	17.640	27.672
7554.176	8789.766	4.952	5977.041	132.377
1.002	14.591			
1/6/2016 4:05:00 AM	497100.000	12.139	17.639	27.668
7553.069	8788.685	4.951	5976.306	132.397
1.002	14.590			
1/6/2016 4:10:00 AM	497400.000	12.142	17.639	27.674
7552.169	8787.621	4.950	5975.583	132.412
1.002	14.590			
1/6/2016 4:15:00 AM	497700.000	12.139	17.639	27.668
7552.944	8788.486	4.951	5976.171	132.399
1.002	14.589			
1/6/2016 4:20:00 AM	498000.000	12.141	17.640	27.673
7553.475	8788.949	4.951	5976.486	132.389
1.002	14.588			
1/6/2016 4:25:00 AM	498300.000	12.140	17.639	27.671
7552.729	8788.289	4.951	5976.037	132.402
1.002	14.587			
1/6/2016 4:30:00 AM	498600.000	12.144	17.640	27.679
7552.393	8787.710	4.950	5975.643	132.408
1.002	14.586			
1/6/2016 4:35:00 AM	498900.000	12.145	17.640	27.682
7552.684	8788.149	4.951	5975.942	132.403
1.002	14.585			
1/6/2016 4:40:00 AM	499200.000	12.145	17.639	27.682
7552.733	8788.327	4.951	5976.063	132.402
1.002	14.584			
1/6/2016 4:45:00 AM	499500.000	12.145	17.640	27.682
7552.957	8788.468	4.951	5976.159	132.398
1.002	14.583			
1/6/2016 4:50:00 AM	499800.000	12.144	17.640	27.680

7555.923	8791.937	4.953	5978.518	132.346
1.002	14.582			
1/6/2016 4:55:00 AM	500100.000	12.142	17.640	27.676
7556.699	8792.771	4.953	5979.085	132.333
1.002	14.581			
1/6/2016 5:00:00 AM	500400.000	12.140	17.640	27.672
7556.500	8792.504	4.953	5978.903	132.336
1.002	14.581			
1/6/2016 5:05:00 AM	500700.000	12.139	17.640	27.668
7557.055	8793.203	4.954	5979.379	132.327
1.002	14.581			
1/6/2016 5:10:00 AM	501000.000	12.141	17.640	27.673
7558.536	8794.789	4.955	5980.457	132.301
1.002	14.582			
1/6/2016 5:15:00 AM	501300.000	12.142	17.640	27.676
7558.192	8794.577	4.955	5980.313	132.307
1.002	14.582			
1/6/2016 5:20:00 AM	501600.000	12.139	17.640	27.669
7562.266	8799.197	4.957	5983.454	132.236
1.002	14.585			
1/6/2016 5:25:00 AM	501900.000	12.142	17.640	27.676
7559.257	8795.765	4.955	5981.121	132.288
1.002	14.588			
1/6/2016 5:30:00 AM	502200.000	12.146	17.640	27.685
7562.152	8799.046	4.957	5983.351	132.237
1.002	14.592			
1/6/2016 5:35:00 AM	502500.000	12.150	17.640	27.694
7561.803	8798.676	4.957	5983.100	132.244
1.002	14.592			
1/6/2016 5:40:00 AM	502800.000	12.148	17.640	27.690
7564.642	8802.030	4.959	5985.381	132.194
1.002	14.593			
1/6/2016 5:45:00 AM	503100.000	12.148	17.640	27.689
7566.207	8803.749	4.960	5986.549	132.167
1.002	14.593			
1/6/2016 5:50:00 AM	503400.000	12.150	17.641	27.695
7568.588	8806.416	4.962	5988.363	132.125
1.002	14.595			
1/6/2016 5:55:00 AM	503700.000	12.147	17.639	27.686
7568.005	8806.012	4.961	5988.088	132.135
1.002	14.596			
1/6/2016 6:00:00 AM	504000.000	12.144	17.639	27.680
7570.849	8809.373	4.963	5990.374	132.086
1.002	14.598			
1/6/2016 6:05:00 AM	504300.000	12.142	17.639	27.676
7571.201	8809.749	4.964	5990.630	132.079
1.002	14.600			
1/6/2016 6:10:00 AM	504600.000	12.139	17.639	27.669
7572.866	8811.753	4.965	5991.993	132.050
1.002	14.602			
1/6/2016 6:15:00 AM	504900.000	12.137	17.639	27.664
7570.698	8809.197	4.963	5990.255	132.088
1.002	14.604			
1/6/2016 6:20:00 AM	505200.000	12.140	17.640	27.671
7572.717	8811.339	4.965	5991.710	132.053
1.002	14.601			
1/6/2016 6:25:00 AM	505500.000	12.144	17.640	27.681

7568.852	8806.896	4.962	5988.690	132.120
1.002	14.597			
1/6/2016 6:30:00 AM	505800.000	12.147	17.639	27.686
7568.281	8806.369	4.962	5988.332	132.130
1.002	14.593			
1/6/2016 6:35:00 AM	506100.000	12.148	17.640	27.690
7566.358	8803.960	4.960	5986.693	132.164
1.002	14.590			
1/6/2016 6:40:00 AM	506400.000	12.149	17.639	27.692
7563.954	8801.317	4.959	5984.896	132.206
1.002	14.588			
1/6/2016 6:45:00 AM	506700.000	12.151	17.640	27.697
7549.798	8784.622	4.949	5973.543	132.454
1.002	14.585			
1/6/2016 6:50:00 AM	507000.000	12.149	17.640	27.691
7532.887	8764.994	4.937	5960.196	132.751
1.002	14.585			
1/6/2016 6:55:00 AM	507300.000	12.149	17.640	27.690
7513.963	8742.960	4.923	5945.213	133.086
1.002	14.584			
1/6/2016 7:00:00 AM	507600.000	12.146	17.639	27.685
7499.386	8726.237	4.913	5933.842	133.344
1.002	14.584			
1/6/2016 7:05:00 AM	507900.000	12.149	17.638	27.691
7486.734	8711.685	4.904	5923.946	133.570
1.002	14.583			
1/6/2016 7:10:00 AM	508200.000	12.148	17.640	27.688
7474.427	8697.026	4.896	5913.978	133.790
1.002	14.582			
1/6/2016 7:15:00 AM	508500.000	12.149	17.640	27.691
7460.278	8680.544	4.886	5902.771	134.043
1.002	14.581			
1/6/2016 7:20:00 AM	508800.000	12.147	17.641	27.688
7452.746	8671.646	4.880	5896.720	134.179
1.002	14.584			
1/6/2016 7:25:00 AM	509100.000	12.146	17.639	27.686
7440.054	8657.248	4.872	5886.929	134.408
1.002	14.587			
1/6/2016 7:30:00 AM	509400.000	12.144	17.638	27.679
7430.611	8646.345	4.865	5879.515	134.578
1.002	14.590			
1/6/2016 7:35:00 AM	509700.000	12.143	17.639	27.677
7420.965	8635.036	4.858	5871.825	134.753
1.002	14.589			
1/6/2016 7:40:00 AM	510000.000	12.145	17.639	27.683
7413.802	8626.583	4.853	5866.077	134.884
1.002	14.588			
1/6/2016 7:45:00 AM	510300.000	12.149	17.640	27.691
7405.983	8617.469	4.848	5859.879	135.026
1.002	14.587			
1/6/2016 7:50:00 AM	510600.000	12.150	17.640	27.693
7399.659	8610.028	4.843	5854.820	135.141
1.002	14.586			
1/6/2016 7:55:00 AM	510900.000	12.149	17.640	27.692
7394.455	8603.954	4.839	5850.689	135.236
1.002	14.586			
1/6/2016 8:00:00 AM	511200.000	12.149	17.639	27.692

7388.280	8596.987	4.835	5845.952	135.349
1.002	14.585			
1/6/2016 8:05:00 AM	511500.000	12.149	17.639	27.692
7380.199	8587.635	4.830	5839.592	135.498
1.002	14.588			
1/6/2016 8:10:00 AM	511800.000	12.150	17.640	27.694
7374.789	8581.122	4.826	5835.164	135.597
1.002	14.591			
1/6/2016 8:15:00 AM	512100.000	12.148	17.639	27.690
7371.120	8577.036	4.823	5832.385	135.665
1.002	14.595			
1/6/2016 8:20:00 AM	512400.000	12.149	17.638	27.691
7366.109	8571.354	4.820	5828.521	135.757
1.002	14.597			
1/6/2016 8:25:00 AM	512700.000	12.148	17.639	27.690
7363.188	8567.822	4.818	5826.120	135.811
1.002	14.600			
1/6/2016 8:30:00 AM	513000.000	12.142	17.639	27.674
7358.420	8562.273	4.814	5822.347	135.899
1.002	14.603			
1/6/2016 8:35:00 AM	513300.000	12.144	17.640	27.680
7356.767	8560.185	4.813	5820.926	135.929
1.002	14.603			
1/6/2016 8:40:00 AM	513600.000	12.143	17.639	27.677
7351.648	8554.313	4.810	5816.933	136.024
1.002	14.604			
1/6/2016 8:45:00 AM	513900.000	12.141	17.639	27.674
7346.319	8548.112	4.806	5812.716	136.123
1.002	14.604			
1/6/2016 8:50:00 AM	514200.000	12.142	17.639	27.676
7343.615	8545.032	4.804	5810.622	136.173
1.002	14.603			
1/6/2016 8:55:00 AM	514500.000	12.145	17.639	27.681
7336.994	8537.361	4.799	5805.406	136.296
1.002	14.601			
1/6/2016 9:00:00 AM	514800.000	12.149	17.640	27.692
7332.075	8531.390	4.796	5801.345	136.387
1.002	14.599			
1/6/2016 9:05:00 AM	515100.000	12.148	17.639	27.689
7326.311	8524.814	4.792	5796.875	136.494
1.002	14.604			
1/6/2016 9:10:00 AM	515400.000	12.144	17.638	27.680
7322.913	8521.040	4.789	5794.307	136.558
1.002	14.608			
1/6/2016 9:15:00 AM	515700.000	12.142	17.640	27.675
7318.263	8515.383	4.786	5790.460	136.644
1.002	14.613			
1/6/2016 9:20:00 AM	516000.000	12.142	17.638	27.676
7313.597	8510.186	4.783	5786.927	136.732
1.002	14.611			
1/6/2016 9:25:00 AM	516300.000	12.144	17.640	27.679
7311.630	8507.582	4.781	5785.156	136.768
1.002	14.610			
1/6/2016 9:30:00 AM	516600.000	12.147	17.639	27.686
7305.127	8500.131	4.777	5780.089	136.890
1.002	14.609			
1/6/2016 9:35:00 AM	516900.000	12.147	17.639	27.686

7302.491	8497.194	4.775	5778.092	136.940
1.002	14.610			
1/6/2016 9:40:00 AM	517200.000	12.147	17.639	27.686
7297.897	8491.834	4.772	5774.447	137.026
1.002	14.612			
1/6/2016 9:45:00 AM	517500.000	12.145	17.639	27.682
7295.016	8488.447	4.770	5772.145	137.080
1.002	14.614			
1/6/2016 9:50:00 AM	517800.000	12.143	17.640	27.678
7290.424	8482.974	4.767	5768.422	137.166
1.002	14.615			
1/6/2016 9:55:00 AM	518100.000	12.140	17.639	27.671
7287.737	8479.896	4.765	5766.329	137.217
1.002	14.616			
1/6/2016 10:00:00 AM	518400.000	12.138	17.638	27.666
7282.909	8474.491	4.761	5762.655	137.308
1.002	14.617			
1/6/2016 10:05:00 AM	518700.000	12.136	17.640	27.662
7280.949	8471.867	4.760	5760.870	137.345
1.002	14.616			
1/6/2016 10:10:00 AM	519000.000	12.137	17.640	27.665
7278.358	8468.935	4.758	5758.876	137.394
1.002	14.615			
1/6/2016 10:15:00 AM	519300.000	12.137	17.639	27.664
7275.830	8466.206	4.756	5757.021	137.441
1.002	14.614			
1/6/2016 10:20:00 AM	519600.000	12.137	17.639	27.665
7272.093	8461.792	4.754	5754.019	137.512
1.002	14.612			
1/6/2016 10:25:00 AM	519900.000	12.139	17.640	27.668
7268.919	8457.851	4.751	5751.338	137.572
1.002	14.610			
1/6/2016 10:30:00 AM	520200.000	12.142	17.640	27.675
7266.367	8455.014	4.750	5749.410	137.620
1.002	14.608			
1/6/2016 10:35:00 AM	520500.000	12.143	17.639	27.677
7265.561	8454.174	4.749	5748.838	137.636
1.002	14.611			
1/6/2016 10:40:00 AM	520800.000	12.141	17.639	27.674
7262.549	8450.587	4.747	5746.399	137.693
1.002	14.614			
1/6/2016 10:45:00 AM	521100.000	12.137	17.639	27.663
7261.236	8449.095	4.746	5745.385	137.718
1.002	14.616			
1/6/2016 10:50:00 AM	521400.000	12.137	17.639	27.664
7260.500	8448.222	4.746	5744.792	137.732
1.002	14.615			
1/6/2016 10:55:00 AM	521700.000	12.136	17.639	27.661
7257.788	8445.196	4.744	5742.733	137.783
1.002	14.614			
1/6/2016 11:00:00 AM	522000.000	12.137	17.639	27.664
7256.771	8443.914	4.743	5741.862	137.802
1.002	14.613			
1/6/2016 11:05:00 AM	522300.000	12.136	17.640	27.663
7254.005	8440.581	4.741	5739.595	137.855
1.002	14.611			
1/6/2016 11:10:00 AM	522600.000	12.141	17.639	27.673

7253.633	8440.378	4.741	5739.457	137.862
1.002	14.609			
1/6/2016 11:15:00 AM	522900.000	12.144	17.639	27.680
7252.440	8438.859	4.740	5738.425	137.885
1.002	14.607			
1/6/2016 11:20:00 AM	523200.000	12.146	17.639	27.684
7252.231	8438.649	4.740	5738.282	137.889
1.002	14.608			
1/6/2016 11:25:00 AM	523500.000	12.145	17.640	27.681
7252.584	8438.960	4.740	5738.493	137.882
1.002	14.609			
1/6/2016 11:30:00 AM	523800.000	12.140	17.640	27.671
7250.123	8436.080	4.738	5736.535	137.929
1.002	14.609			
1/6/2016 11:35:00 AM	524100.000	12.139	17.639	27.669
7251.600	8438.012	4.739	5737.848	137.901
1.002	14.607			
1/6/2016 11:40:00 AM	524400.000	12.137	17.639	27.664
7249.076	8434.978	4.738	5735.785	137.949
1.002	14.605			
1/6/2016 11:45:00 AM	524700.000	12.139	17.639	27.668
7247.945	8433.613	4.737	5734.857	137.970
1.002	14.603			
1/6/2016 11:50:00 AM	525000.000	12.139	17.640	27.669
7249.011	8434.786	4.738	5735.655	137.950
1.002	14.600			
1/6/2016 11:55:00 AM	525300.000	12.140	17.639	27.671
7247.273	8432.895	4.736	5734.368	137.983
1.002	14.598			
1/6/2016 12:00:00 PM	525600.000	12.143	17.639	27.677
7244.646	8429.905	4.735	5732.335	138.033
1.002	14.595			
1/6/2016 12:05:00 PM	525900.000	12.142	17.639	27.675
7244.438	8429.549	4.734	5732.093	138.037
1.002	14.595			
1/6/2016 12:10:00 PM	526200.000	12.140	17.639	27.672
7243.797	8428.897	4.734	5731.651	138.049
1.002	14.595			
1/6/2016 12:15:00 PM	526500.000	12.140	17.639	27.670
7242.373	8427.146	4.733	5730.459	138.076
1.002	14.594			
1/6/2016 12:20:00 PM	526800.000	12.138	17.639	27.666
7243.367	8428.303	4.734	5731.247	138.057
1.002	14.595			
1/6/2016 12:25:00 PM	527100.000	12.139	17.639	27.669
7242.028	8426.744	4.733	5730.187	138.083
1.002	14.595			
1/6/2016 12:30:00 PM	527400.000	12.136	17.639	27.661
7240.113	8424.646	4.731	5728.759	138.119
1.002	14.595			
1/6/2016 12:35:00 PM	527700.000	12.136	17.639	27.661
7237.390	8421.429	4.729	5726.572	138.171
1.002	14.596			
1/6/2016 12:40:00 PM	528000.000	12.134	17.640	27.656
7236.271	8419.978	4.729	5725.585	138.193
1.002	14.596			
1/6/2016 12:45:00 PM	528300.000	12.134	17.638	27.658

7234.316	8417.916	4.727	5724.184	138.230
1.002	14.596			
1/6/2016 12:50:00 PM	528600.000	12.135	17.638	27.658
7235.170	8418.909	4.728	5724.859	138.214
1.002	14.596			
1/6/2016 12:55:00 PM	528900.000	12.132	17.639	27.653
7233.086	8416.453	4.727	5723.188	138.254
1.002	14.596			
1/6/2016 1:00:00 PM	529200.000	12.130	17.640	27.648
7232.390	8415.413	4.726	5722.481	138.267
1.002	14.596			
1/6/2016 1:05:00 PM	529500.000	12.133	17.638	27.655
7231.743	8415.004	4.726	5722.203	138.279
1.002	14.595			
1/6/2016 1:10:00 PM	529800.000	12.133	17.640	27.656
7231.328	8414.243	4.725	5721.686	138.287
1.002	14.593			
1/6/2016 1:15:00 PM	530100.000	12.136	17.638	27.662
7230.560	8413.545	4.725	5721.211	138.302
1.002	14.591			
1/6/2016 1:20:00 PM	530400.000	12.138	17.640	27.666
7235.975	8419.570	4.728	5725.309	138.198
1.002	14.591			
1/6/2016 1:25:00 PM	530700.000	12.137	17.639	27.665
7245.481	8430.762	4.735	5732.918	138.017
1.002	14.590			
1/6/2016 1:30:00 PM	531000.000	12.137	17.640	27.665
7255.476	8442.309	4.742	5740.771	137.827
1.002	14.590			
1/6/2016 1:35:00 PM	531300.000	12.138	17.640	27.665
7270.325	8459.603	4.752	5752.530	137.545
1.002	14.592			
1/6/2016 1:40:00 PM	531600.000	12.136	17.640	27.662
7279.366	8470.059	4.759	5759.640	137.375
1.002	14.595			
1/6/2016 1:45:00 PM	531900.000	12.133	17.640	27.655
7289.845	8482.151	4.766	5767.863	137.177
1.002	14.597			
1/6/2016 1:50:00 PM	532200.000	12.134	17.640	27.657
7300.225	8494.330	4.773	5776.145	136.982
1.002	14.595			
1/6/2016 1:55:00 PM	532500.000	12.136	17.639	27.662
7311.391	8507.438	4.781	5785.059	136.773
1.002	14.594			
1/6/2016 2:00:00 PM	532800.000	12.137	17.639	27.663
7320.060	8517.672	4.787	5792.018	136.611
1.002	14.592			
1/6/2016 2:05:00 PM	533100.000	12.138	17.639	27.665
7328.372	8527.178	4.793	5798.481	136.456
1.002	14.590			
1/6/2016 2:10:00 PM	533400.000	12.137	17.639	27.664
7336.746	8537.004	4.799	5805.163	136.300
1.002	14.589			
1/6/2016 2:15:00 PM	533700.000	12.138	17.640	27.666
7343.747	8544.903	4.804	5810.535	136.170
1.002	14.588			
1/6/2016 2:20:00 PM	534000.000	12.140	17.640	27.670

7352.563	8555.194	4.810	5817.533	136.007
1.002	14.587			
1/6/2016 2:25:00 PM	534300.000	12.140	17.640	27.670
7360.352	8564.292	4.816	5823.719	135.863
1.002	14.587			
1/6/2016 2:30:00 PM	534600.000	12.141	17.640	27.673
7367.685	8572.739	4.821	5829.463	135.728
1.002	14.586			
1/6/2016 2:35:00 PM	534900.000	12.141	17.640	27.674
7372.013	8577.908	4.824	5832.978	135.648
1.002	14.587			
1/6/2016 2:40:00 PM	535200.000	12.141	17.639	27.674
7376.841	8583.693	4.827	5836.912	135.559
1.002	14.587			
1/6/2016 2:45:00 PM	535500.000	12.140	17.640	27.671
7386.521	8594.688	4.834	5844.388	135.382
1.002	14.588			
1/6/2016 2:50:00 PM	535800.000	12.141	17.640	27.674
7390.556	8599.401	4.837	5847.593	135.308
1.002	14.588			
1/6/2016 2:55:00 PM	536100.000	12.143	17.639	27.678
7396.876	8606.973	4.841	5852.742	135.192
1.002	14.588			
1/6/2016 3:00:00 PM	536400.000	12.142	17.641	27.676
7402.649	8613.356	4.845	5857.083	135.087
1.002	14.587			
1/6/2016 3:05:00 PM	536700.000	12.142	17.640	27.676
7402.297	8612.996	4.845	5856.838	135.093
1.002	14.589			
1/6/2016 3:10:00 PM	537000.000	12.137	17.640	27.664
7397.666	8607.690	4.842	5853.230	135.178
1.002	14.590			
1/6/2016 3:15:00 PM	537300.000	12.137	17.639	27.664
7388.785	8597.509	4.836	5846.306	135.340
1.002	14.591			
1/6/2016 3:20:00 PM	537600.000	12.137	17.639	27.664
7379.591	8586.827	4.829	5839.042	135.509
1.002	14.592			
1/6/2016 3:25:00 PM	537900.000	12.136	17.639	27.661
7371.644	8577.563	4.824	5832.744	135.655
1.002	14.592			
1/6/2016 3:30:00 PM	538200.000	12.136	17.640	27.661
7360.693	8564.722	4.816	5824.011	135.857
1.002	14.593			
1/6/2016 3:35:00 PM	538500.000	12.137	17.640	27.664
7353.048	8555.708	4.810	5817.881	135.998
1.002	14.592			
1/6/2016 3:40:00 PM	538800.000	12.138	17.640	27.667
7347.089	8548.924	4.806	5813.268	136.108
1.002	14.591			
1/6/2016 3:45:00 PM	539100.000	12.139	17.640	27.669
7338.449	8538.771	4.800	5806.365	136.269
1.002	14.591			
1/6/2016 3:50:00 PM	539400.000	12.139	17.640	27.668
7332.946	8532.484	4.796	5802.090	136.371
1.002	14.591			
1/6/2016 3:55:00 PM	539700.000	12.137	17.639	27.664

7328.892	8527.817	4.794	5798.917	136.446
1.002	14.591			
1/6/2016 4:00:00 PM	540000.000	12.137	17.640	27.664
7323.056	8520.977	4.789	5794.264	136.555
1.002	14.591			
1/6/2016 4:05:00 PM	540300.000	12.140	17.640	27.671
7316.606	8513.391	4.785	5789.106	136.675
1.002	14.590			
1/6/2016 4:10:00 PM	540600.000	12.141	17.640	27.673
7312.527	8508.726	4.782	5785.934	136.752
1.002	14.589			
1/6/2016 4:15:00 PM	540900.000	12.143	17.639	27.677
7306.673	8502.096	4.778	5781.425	136.861
1.002	14.588			
1/6/2016 4:20:00 PM	541200.000	12.140	17.639	27.672
7303.916	8498.772	4.776	5779.166	136.913
1.002	14.591			
1/6/2016 4:25:00 PM	541500.000	12.137	17.639	27.664
7300.844	8495.198	4.774	5776.735	136.970
1.002	14.594			
1/6/2016 4:30:00 PM	541800.000	12.136	17.640	27.661
7297.858	8491.624	4.772	5774.304	137.027
1.002	14.597			
1/6/2016 4:35:00 PM	542100.000	12.136	17.639	27.663
7292.181	8485.085	4.768	5769.858	137.133
1.002	14.596			
1/6/2016 4:40:00 PM	542400.000	12.139	17.639	27.669
7289.990	8482.634	4.766	5768.191	137.174
1.002	14.594			
1/6/2016 4:45:00 PM	542700.000	12.136	17.639	27.662
7286.511	8478.568	4.764	5765.427	137.240
1.002	14.593			
1/6/2016 4:50:00 PM	543000.000	12.136	17.639	27.661
7282.804	8474.238	4.761	5762.482	137.310
1.002	14.595			
1/6/2016 4:55:00 PM	543300.000	12.134	17.639	27.658
7280.425	8471.504	4.760	5760.623	137.355
1.002	14.596			
1/6/2016 5:00:00 PM	543600.000	12.134	17.639	27.657
7279.705	8470.617	4.759	5760.020	137.368
1.002	14.598			
1/6/2016 5:05:00 PM	543900.000	12.137	17.640	27.664
7276.286	8466.440	4.757	5757.180	137.433
1.002	14.596			
1/6/2016 5:10:00 PM	544200.000	12.137	17.640	27.664
7271.910	8461.464	4.754	5753.795	137.515
1.002	14.595			
1/6/2016 5:15:00 PM	544500.000	12.138	17.639	27.666
7268.138	8457.158	4.751	5750.868	137.587
1.002	14.593			
1/6/2016 5:20:00 PM	544800.000	12.139	17.638	27.669
7265.774	8454.521	4.749	5749.075	137.632
1.002	14.593			
1/6/2016 5:25:00 PM	545100.000	12.138	17.640	27.667
7264.646	8452.913	4.748	5747.981	137.653
1.002	14.593			
1/6/2016 5:30:00 PM	545400.000	12.136	17.639	27.662

7261.767	8449.826	4.747	5745.882	137.708
1.002	14.593			
1/6/2016 5:35:00 PM	545700.000	12.137	17.639	27.664
7259.717	8447.359	4.745	5744.205	137.746
1.002	14.594			
1/6/2016 5:40:00 PM	546000.000	12.137	17.640	27.664
7258.175	8445.335	4.744	5742.828	137.776
1.002	14.595			
1/6/2016 5:45:00 PM	546300.000	12.135	17.640	27.660
7254.149	8440.765	4.741	5739.720	137.852
1.002	14.596			
1/6/2016 5:50:00 PM	546600.000	12.135	17.640	27.660
7255.053	8441.735	4.742	5740.380	137.835
1.002	14.595			
1/6/2016 5:55:00 PM	546900.000	12.136	17.639	27.662
7252.485	8438.945	4.740	5738.483	137.884
1.002	14.595			
1/6/2016 6:00:00 PM	547200.000	12.138	17.640	27.665
7250.328	8436.303	4.738	5736.686	137.925
1.002	14.594			
1/6/2016 6:05:00 PM	547500.000	12.139	17.640	27.668
7248.785	8434.507	4.737	5735.465	137.954
1.002	14.596			
1/6/2016 6:10:00 PM	547800.000	12.134	17.639	27.657
7246.941	8432.542	4.736	5734.128	137.989
1.002	14.599			
1/6/2016 6:15:00 PM	548100.000	12.131	17.640	27.651
7244.845	8429.906	4.735	5732.336	138.029
1.002	14.601			
1/6/2016 6:20:00 PM	548400.000	12.131	17.639	27.650
7246.191	8431.670	4.736	5733.536	138.004
1.002	14.603			
1/6/2016 6:25:00 PM	548700.000	12.130	17.639	27.649
7244.014	8429.087	4.734	5731.780	138.045
1.002	14.605			
1/6/2016 6:30:00 PM	549000.000	12.131	17.640	27.650
7240.583	8424.898	4.732	5728.932	138.110
1.002	14.606			
1/6/2016 6:35:00 PM	549300.000	12.129	17.640	27.646
7241.002	8425.451	4.732	5729.307	138.102
1.002	14.605			
1/6/2016 6:40:00 PM	549600.000	12.130	17.639	27.649
7239.816	8424.186	4.731	5728.446	138.125
1.002	14.604			
1/6/2016 6:45:00 PM	549900.000	12.133	17.640	27.654
7239.560	8423.789	4.731	5728.177	138.130
1.002	14.603			
1/6/2016 6:50:00 PM	550200.000	12.134	17.639	27.656
7238.614	8422.737	4.730	5727.462	138.148
1.002	14.604			
1/6/2016 6:55:00 PM	550500.000	12.131	17.639	27.651
7236.447	8420.283	4.729	5725.793	138.189
1.002	14.605			
1/6/2016 7:00:00 PM	550800.000	12.130	17.640	27.648
7234.718	8418.090	4.727	5724.301	138.222
1.002	14.606			
1/6/2016 7:05:00 PM	551100.000	12.132	17.640	27.652

7234.550	8417.976	4.727	5724.224	138.226
1.002	14.605			
1/6/2016 7:10:00 PM	551400.000	12.133	17.640	27.654
7234.092	8417.361	4.727	5723.806	138.234
1.002	14.604			
1/6/2016 7:15:00 PM	551700.000	12.133	17.639	27.656
7231.675	8414.697	4.725	5721.995	138.281
1.002	14.603			
1/6/2016 7:20:00 PM	552000.000	12.134	17.639	27.657
7230.975	8414.013	4.725	5721.529	138.294
1.002	14.604			
1/6/2016 7:25:00 PM	552300.000	12.134	17.638	27.657
7230.197	8413.173	4.725	5720.958	138.309
1.002	14.604			
1/6/2016 7:30:00 PM	552600.000	12.134	17.640	27.656
7227.342	8409.473	4.722	5718.441	138.363
1.002	14.605			
1/6/2016 7:35:00 PM	552900.000	12.131	17.639	27.650
7229.893	8412.719	4.724	5720.649	138.315
1.002	14.607			
1/6/2016 7:40:00 PM	553200.000	12.129	17.640	27.647
7228.041	8410.386	4.723	5719.063	138.350
1.002	14.609			
1/6/2016 7:45:00 PM	553500.000	12.127	17.638	27.641
7225.460	8407.693	4.721	5717.232	138.399
1.002	14.611			
1/6/2016 7:50:00 PM	553800.000	12.128	17.639	27.644
7226.228	8408.392	4.722	5717.707	138.385
1.002	14.610			
1/6/2016 7:55:00 PM	554100.000	12.131	17.640	27.651
7225.460	8407.415	4.721	5717.043	138.399
1.002	14.609			
1/6/2016 8:00:00 PM	554400.000	12.134	17.639	27.658
7225.209	8407.269	4.721	5716.943	138.404
1.002	14.608			
1/6/2016 8:05:00 PM	554700.000	12.135	17.639	27.659
7230.021	8412.773	4.724	5720.687	138.312
1.002	14.608			
1/6/2016 8:10:00 PM	555000.000	12.134	17.639	27.658
7240.825	8425.439	4.732	5729.299	138.106
1.002	14.608			
1/6/2016 8:15:00 PM	555300.000	12.133	17.639	27.655
7252.624	8439.203	4.740	5738.658	137.881
1.002	14.608			
1/6/2016 8:20:00 PM	555600.000	12.134	17.639	27.656
7264.500	8452.957	4.748	5748.011	137.656
1.002	14.608			
1/6/2016 8:25:00 PM	555900.000	12.135	17.639	27.659
7277.786	8468.316	4.758	5758.455	137.404
1.002	14.608			
1/6/2016 8:30:00 PM	556200.000	12.138	17.640	27.667
7286.063	8477.817	4.763	5764.917	137.248
1.002	14.608			
1/6/2016 8:35:00 PM	556500.000	12.133	17.639	27.654
7298.102	8492.007	4.772	5774.565	137.022
1.002	14.612			
1/6/2016 8:40:00 PM	556800.000	12.132	17.639	27.652

7308.263	8503.848	4.779	5782.617	136.831
1.002	14.616			
1/6/2016 8:45:00 PM	557100.000	12.130	17.639	27.648
7317.436	8514.452	4.786	5789.828	136.660
1.002	14.620			
1/6/2016 8:50:00 PM	557400.000	12.131	17.640	27.651
7327.277	8525.839	4.792	5797.571	136.476
1.002	14.618			
1/6/2016 8:55:00 PM	557700.000	12.132	17.640	27.653
7335.675	8535.594	4.798	5804.204	136.320
1.002	14.616			
1/6/2016 9:00:00 PM	558000.000	12.135	17.640	27.660
7345.590	8547.180	4.805	5812.083	136.136
1.002	14.614			
1/6/2016 9:05:00 PM	558300.000	12.135	17.640	27.658
7352.861	8555.522	4.810	5817.756	136.001
1.002	14.615			
1/6/2016 9:10:00 PM	558600.000	12.133	17.641	27.656
7360.888	8564.799	4.816	5824.064	135.853
1.002	14.615			
1/6/2016 9:15:00 PM	558900.000	12.136	17.640	27.661
7368.026	8573.270	4.821	5829.824	135.722
1.002	14.615			
1/6/2016 9:20:00 PM	559200.000	12.134	17.640	27.658
7373.982	8580.133	4.825	5834.490	135.612
1.002	14.616			
1/6/2016 9:25:00 PM	559500.000	12.134	17.640	27.657
7380.140	8587.248	4.829	5839.329	135.499
1.002	14.617			
1/6/2016 9:30:00 PM	559800.000	12.132	17.640	27.652
7387.110	8595.427	4.834	5844.891	135.371
1.002	14.618			
1/6/2016 9:35:00 PM	560100.000	12.136	17.640	27.661
7391.782	8600.863	4.838	5848.587	135.285
1.002	14.617			
1/6/2016 9:40:00 PM	560400.000	12.135	17.639	27.659
7398.919	8609.301	4.843	5854.325	135.155
1.002	14.617			
1/6/2016 9:45:00 PM	560700.000	12.136	17.640	27.663
7405.776	8617.127	4.847	5859.647	135.030
1.002	14.616			
1/6/2016 9:50:00 PM	561000.000	12.137	17.639	27.663
7410.414	8622.660	4.851	5863.410	134.945
1.002	14.618			
1/6/2016 9:55:00 PM	561300.000	12.133	17.638	27.655
7416.235	8629.599	4.855	5868.127	134.839
1.002	14.621			
1/6/2016 10:00:00 PM	561600.000	12.132	17.640	27.653
7422.576	8636.759	4.859	5872.996	134.724
1.002	14.623			
1/6/2016 10:05:00 PM	561900.000	12.136	17.639	27.661
7427.109	8642.151	4.863	5876.663	134.642
1.002	14.622			
1/6/2016 10:10:00 PM	562200.000	12.137	17.640	27.664
7431.770	8647.305	4.866	5880.168	134.557
1.002	14.621			
1/6/2016 10:15:00 PM	562500.000	12.140	17.641	27.672

7433.917	8649.704	4.867	5881.799	134.519
1.002	14.619			
1/6/2016 10:20:00 PM	562800.000	12.136	17.640	27.662
7440.771	8657.763	4.872	5887.279	134.395
1.002	14.623			
1/6/2016 10:25:00 PM	563100.000	12.135	17.641	27.659
7444.475	8662.056	4.875	5890.198	134.328
1.002	14.626			
1/6/2016 10:30:00 PM	563400.000	12.133	17.640	27.655
7447.129	8665.161	4.876	5892.310	134.280
1.002	14.629			
1/6/2016 10:35:00 PM	563700.000	12.136	17.641	27.662
7449.722	8668.110	4.878	5894.315	134.233
1.002	14.627			
1/6/2016 10:40:00 PM	564000.000	12.138	17.639	27.665
7455.616	8675.289	4.883	5899.197	134.127
1.002	14.625			
1/6/2016 10:45:00 PM	564300.000	12.140	17.639	27.670
7458.548	8678.648	4.885	5901.481	134.074
1.002	14.623			
1/6/2016 10:50:00 PM	564600.000	12.140	17.640	27.670
7461.479	8681.941	4.887	5903.720	134.022
1.002	14.626			
1/6/2016 10:55:00 PM	564900.000	12.138	17.641	27.666
7467.381	8688.708	4.891	5908.321	133.916
1.002	14.630			
1/6/2016 11:00:00 PM	565200.000	12.135	17.640	27.658
7468.870	8690.561	4.892	5909.581	133.889
1.002	14.634			
1/6/2016 11:05:00 PM	565500.000	12.134	17.641	27.656
7472.455	8694.561	4.894	5912.302	133.825
1.002	14.632			
1/6/2016 11:10:00 PM	565800.000	12.136	17.640	27.661
7475.155	8697.804	4.896	5914.506	133.776
1.002	14.630			
1/6/2016 11:15:00 PM	566100.000	12.138	17.640	27.667
7477.803	8700.955	4.898	5916.650	133.729
1.002	14.629			
1/6/2016 11:20:00 PM	566400.000	12.139	17.641	27.668
7481.141	8704.700	4.900	5919.197	133.669
1.002	14.629			
1/6/2016 11:25:00 PM	566700.000	12.138	17.640	27.667
7483.431	8707.518	4.902	5921.112	133.629
1.002	14.629			
1/6/2016 11:30:00 PM	567000.000	12.140	17.640	27.671
7485.801	8710.191	4.904	5922.930	133.586
1.002	14.629			
1/6/2016 11:35:00 PM	567300.000	12.139	17.639	27.669
7487.353	8712.234	4.905	5924.320	133.559
1.002	14.629			
1/6/2016 11:40:00 PM	567600.000	12.140	17.641	27.671
7490.608	8715.715	4.907	5926.687	133.501
1.002	14.629			
1/6/2016 11:45:00 PM	567900.000	12.139	17.639	27.668
7491.588	8717.129	4.908	5927.648	133.483
1.002	14.629			
1/6/2016 11:50:00 PM	568200.000	12.137	17.640	27.664

7492.699	8718.252	4.908	5928.412	133.463
1.002	14.630			
1/6/2016 11:55:00 PM	568500.000	12.139	17.640	27.668
7496.555	8722.719	4.911	5931.449	133.395
1.002	14.631			

Report Date: 1/11/2016 11:31:25 AM
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_2016-01-07_09-11-20-854-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/14/2015 5:21:49 PM	Used Battery: 1% Used Memory: 4% User Name: nreynolds
3/20/2015 1:42:10 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: GSSI
3/27/2015 3:11:22 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
4/3/2015 10:31:30 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: ECrowWillard
4/10/2015 9:37:12 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ECrowWillard
4/17/2015 4:35:02 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: AKieta
4/24/2015 2:40:39 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
5/1/2015 3:13:28 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: GSSI
5/7/2015 4:36:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/1/2015 3:00:00 PM
5/11/2015 1:01:57 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte
5/14/2015 6:06:28 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte Interval - Start Time: 5/11/2015 1:00:00 PM
5/18/2015 1:20:22 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: BDuarte Interval - Start Time: 5/14/2015 6:00:00 PM
5/21/2015 1:04:06 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw
5/28/2015 4:04:17 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 5/7/2015 4:30:00 PM
6/4/2015 5:35:43 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: BDuarte
6/11/2015 8:20:02 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/4/2015 5:30:00 PM
6/17/2015 8:56:47 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw Interval - Start Time: 5/21/2015 1:00:00 PM
6/18/2015 11:39:25 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw
6/25/2015 10:26:07 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/11/2015 8:15:00 AM
7/2/2015 9:52:38 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
7/9/2015 2:16:22 PM	Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte
7/16/2015 9:40:59 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/23/2015 11:18:20 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar
7/30/2015 3:52:38 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
7/30/2015 4:54:30 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
8/6/2015 1:55:33 PM	Log Download - Used Battery: 9% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM
8/13/2015 10:58:06 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: KMakar Interval - Start Time: 7/23/2015 11:15:00 AM
8/20/2015 5:25:42 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 4:45:00 PM
8/27/2015 11:57:15 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 11:55:00 AM
9/3/2015 11:50:27 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 11:45:00 AM
9/10/2015 9:25:55 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:25:00 AM
9/17/2015 9:27:07 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:30:00 AM
9/24/2015 5:47:55 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM

9/24/2015 6:04:13 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 7:41:30 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM
10/1/2015 9:51:21 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:50:00 AM
10/8/2015 11:29:10 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:15:00 PM
10/15/2015 11:09:18 AM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 11:15:00 AM
10/22/2015 10:31:53 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:30:00 AM
10/29/2015 11:46:57 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 11:45:00 AM
11/5/2015 8:33:04 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 8:30:00 AM
11/12/2015 2:02:13 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:30:00 PM
11/19/2015 9:41:17 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 9:45:00 AM
11/29/2015 11:15:13 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 12:00:00 PM
12/3/2015 8:09:51 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 8:10:00 AM
12/10/2015 10:31:42 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:30:00 AM
12/17/2015 9:49:12 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:45:00 AM
1/3/2016 11:56:11 AM Log Download - Used Battery: 16% Used Memory: 39% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:45:00 PM
1/3/2016 12:55:37 PM Sensor SN: 398697 Cache Timeout: 1000 User Name: CShaw
1/3/2016 12:57:19 PM Device Taken Offline
1/3/2016 12:58:39 PM Sensor SN: 398697 Actual conductivity calibration.
Cell Constant: 1.00791 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
1/3/2016 12:59:45 PM Device Put Online
1/3/2016 12:59:45 PM Sensor SN: 398697 Cache Timeout: 1750 User Name: CShaw
1/7/2016 9:11:16 AM Log Download - Used Battery: 17% Used Memory: 39% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:15:00 AM
1/11/2016 11:27:40 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 669

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	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 658.7ft
SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697

SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697	SN#:
398697	SN#: 000000			
Date and Time	Elapsed Time	Corrected	Corrected	Depth (ft)
Actual Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Total Dissolved Solids (ppt)
Resistivity (ohm-cm)		Specific Conductivity (µS)	Salinity (PSU)	
		Water Density (g/cm3)	Barometric Pressure (PSI)	
12/31/2015 12:00:00 AM	2674800.000		21.350	333.185
5120.699	5504.398	3.011	3.743	195.286
1.000	14.831			
12/31/2015 12:15:00 AM	2675700.000		21.356	333.174
5121.493	5504.638	3.011	3.743	195.256
1.000	14.830			
12/31/2015 12:30:00 AM	2676600.000		21.358	333.189
5121.518	5504.447	3.011	3.743	195.255
1.000	14.822			
12/31/2015 12:45:00 AM	2677500.000		21.356	333.181
5121.462	5504.605	3.011	3.743	195.257
1.000	14.823			
12/31/2015 1:00:00 AM	2678400.000		21.352	333.179
5120.376	5503.834	3.010	3.743	195.298
1.000	14.821			
12/31/2015 1:15:00 AM	2679300.000		21.359	333.078
5121.469	5504.296	3.011	3.743	195.256
1.000	14.830			
12/31/2015 1:30:00 AM	2680200.000		21.354	333.170
5121.066	5504.426	3.011	3.743	195.272
1.000	14.825			
12/31/2015 1:45:00 AM	2681100.000		21.348	333.167
5120.588	5504.547	3.011	3.743	195.290
1.000	14.829			
12/31/2015 2:00:00 AM	2682000.000		21.354	333.328
5120.647	5503.957	3.010	3.743	195.288
1.000	14.826			
12/31/2015 2:15:00 AM	2682900.000		21.356	333.180
5120.632	5503.723	3.010	3.743	195.288
1.000	14.826			
12/31/2015 2:30:00 AM	2683800.000		21.346	333.179
5118.534	5502.596	3.010	3.742	195.368
1.000	14.829			
12/31/2015 2:45:00 AM	2684700.000		21.353	333.158
5119.216	5502.467	3.010	3.742	195.342
1.000	14.835			
12/31/2015 3:00:00 AM	2685600.000		21.349	333.177
5118.474	5502.195	3.009	3.741	195.371
1.000	14.828			
12/31/2015 3:15:00 AM	2686500.000		21.350	333.165
5118.421	5501.989	3.009	3.741	195.373
1.000	14.827			
12/31/2015 3:30:00 AM	2687400.000		21.357	333.177
5119.305	5502.196	3.009	3.741	195.339
1.000	14.829			
12/31/2015 3:45:00 AM	2688300.000		21.356	333.166
5119.005	5501.914	3.009	3.741	195.350

1.000	14.833				
12/31/2015 4:00:00 AM	2689200.000	146.175	21.358	333.177	
5119.060	5501.765	3.009	3.741	195.348	
1.000	14.825				
12/31/2015 4:15:00 AM	2690100.000	146.183	21.350	333.196	
5117.854	5501.340	3.009	3.741	195.394	
1.000	14.826				
12/31/2015 4:30:00 AM	2691000.000	146.189	21.343	333.209	
5117.212	5501.442	3.009	3.741	195.419	
1.000	14.823				
12/31/2015 4:45:00 AM	2691900.000	146.189	21.344	333.210	
5117.670	5501.885	3.009	3.741	195.401	
1.000	14.826				
12/31/2015 5:00:00 AM	2692800.000	146.187	21.349	333.205	
5117.705	5501.289	3.009	3.741	195.400	
1.000	14.823				
12/31/2015 5:15:00 AM	2693700.000	146.145	21.354	333.109	
5117.018	5500.046	3.008	3.740	195.426	
1.000	14.830				
12/31/2015 5:30:00 AM	2694600.000	146.153	21.350	333.128	
5116.226	5499.649	3.008	3.740	195.457	
1.000	14.829				
12/31/2015 5:45:00 AM	2695500.000	146.188	21.345	333.209	
5115.717	5499.617	3.008	3.740	195.476	
1.000	14.825				
12/31/2015 6:00:00 AM	2696400.000	146.189	21.345	333.209	
5116.497	5500.475	3.008	3.740	195.446	
1.000	14.827				
12/31/2015 6:15:00 AM	2697300.000	146.203	21.343	333.242	
5114.103	5498.139	3.007	3.739	195.538	
1.000	14.821				
12/31/2015 6:30:00 AM	2698200.000	146.196	21.342	333.225	
5114.198	5498.380	3.007	3.739	195.534	
1.000	14.828				
12/31/2015 6:45:00 AM	2699100.000	146.166	21.359	333.158	
5115.892	5498.312	3.007	3.739	195.469	
1.000	14.825				
12/31/2015 7:00:00 AM	2700000.000	146.205	21.361	333.246	
5116.276	5498.458	3.007	3.739	195.455	
1.000	14.820				
12/31/2015 7:15:00 AM	2700900.000	146.198	21.355	333.231	
5114.938	5497.711	3.007	3.738	195.506	
1.000	14.834				
12/31/2015 7:30:00 AM	2701800.000	146.204	21.350	333.243	
5115.364	5498.653	3.007	3.739	195.490	
1.000	14.829				
12/31/2015 7:45:00 AM	2702700.000	146.210	21.347	333.257	
5115.317	5499.049	3.008	3.739	195.491	
1.000	14.825				
12/31/2015 8:00:00 AM	2703600.000	146.204	21.345	333.243	
5115.127	5498.962	3.008	3.739	195.499	
1.000	14.828				
12/31/2015 8:15:00 AM	2704500.000	146.176	21.347	333.180	
5115.020	5498.660	3.007	3.739	195.503	
1.000	14.827				
12/31/2015 8:30:00 AM	2705400.000	146.218	21.347	333.276	

5113.269	5496.737	3.006	3.738	195.570
1.000	14.823			
12/31/2015 8:45:00 AM	2706300.000	146.213	21.350	333.264
5113.256	5496.457	3.006	3.738	195.570
1.000	14.831			
12/31/2015 9:00:00 AM	2707200.000	146.193	21.357	333.219
5114.466	5496.977	3.006	3.738	195.524
1.000	14.838			
12/31/2015 9:15:00 AM	2708100.000	146.209	21.351	333.255
5113.112	5496.223	3.006	3.737	195.576
1.000	14.832			
12/31/2015 9:30:00 AM	2709000.000	146.204	21.353	333.244
5114.396	5497.336	3.007	3.738	195.527
1.000	14.833			
12/31/2015 9:45:00 AM	2709900.000	146.190	21.359	333.211
5116.154	5498.552	3.007	3.739	195.459
1.000	14.838			
12/31/2015 10:00:00 AM	0.000	146.138	21.352	333.094
5114.800	5497.929	3.007	3.739	195.511
1.000	14.845			
12/31/2015 10:15:00 AM	900.000	146.152	21.353	333.125
5113.747	5496.678	3.006	3.738	195.551
1.000	14.840			
12/31/2015 10:30:00 AM	1800.000	146.169	21.352	333.165
5113.933	5496.958	3.006	3.738	195.544
1.000	14.844			
12/31/2015 10:45:00 AM	2700.000	146.171	21.353	333.169
5113.364	5496.237	3.006	3.737	195.566
1.000	14.834			
12/31/2015 11:00:00 AM	3600.000	146.169	21.350	333.164
5114.000	5497.248	3.007	3.738	195.542
1.000	14.832			
12/31/2015 11:15:00 AM	4500.000	146.156	21.357	333.134
5114.279	5496.725	3.006	3.738	195.531
1.000	14.833			
12/31/2015 11:30:00 AM	5400.000	146.144	21.365	333.106
5115.583	5497.267	3.007	3.738	195.481
1.000	14.827			
12/31/2015 11:45:00 AM	6300.000	146.135	21.368	333.086
5116.893	5498.328	3.007	3.739	195.431
1.000	14.829			
12/31/2015 12:00:00 PM	7200.000	146.131	21.362	333.077
5115.873	5497.845	3.007	3.739	195.470
1.000	14.820			
12/31/2015 12:15:00 PM	8100.000	146.130	21.356	333.075
5115.588	5498.271	3.007	3.739	195.481
1.000	14.812			
12/31/2015 12:30:00 PM	9000.000	146.127	21.355	333.068
5115.768	5498.584	3.007	3.739	195.474
1.000	14.810			
12/31/2015 12:45:00 PM	9900.000	146.118	21.361	333.047
5115.462	5497.592	3.007	3.738	195.486
1.000	14.807			
12/31/2015 1:00:00 PM	10800.000	146.083	21.364	332.969
5115.954	5497.745	3.007	3.738	195.467
1.000	14.799			

12/31/2015 1:15:00 PM	11700.000	146.112	21.350	333.035
5113.041	5496.156	3.006	3.737	195.578
1.000	14.804			
12/31/2015 1:30:00 PM	12600.000	146.074	21.346	332.947
5111.776	5495.311	3.005	3.737	195.627
1.000	14.799			
12/31/2015 1:45:00 PM	13500.000	146.100	21.348	333.008
5112.931	5496.364	3.006	3.738	195.583
1.000	14.793			
12/31/2015 2:00:00 PM	14400.000	146.126	21.356	333.066
5114.286	5496.871	3.006	3.738	195.531
1.000	14.794			
12/31/2015 2:15:00 PM	15300.000	146.084	21.361	332.970
5114.285	5496.297	3.006	3.737	195.531
1.000	14.789			
12/31/2015 2:30:00 PM	16200.000	146.085	21.355	332.972
5113.712	5496.344	3.006	3.738	195.553
1.000	14.786			
12/31/2015 2:45:00 PM	17100.000	146.077	21.362	332.954
5114.067	5495.934	3.006	3.737	195.539
1.000	14.787			
12/31/2015 3:00:00 PM	18000.000	146.045	21.353	332.881
5113.017	5495.873	3.006	3.737	195.579
1.000	14.785			
12/31/2015 3:15:00 PM	18900.000	146.067	21.349	332.932
5112.132	5495.329	3.005	3.737	195.613
1.000	14.787			
12/31/2015 3:30:00 PM	19800.000	146.062	21.345	332.919
5112.223	5495.890	3.006	3.737	195.610
1.000	14.785			
12/31/2015 3:45:00 PM	20700.000	146.060	21.349	332.915
5112.274	5495.551	3.006	3.737	195.608
1.000	14.788			
12/31/2015 4:00:00 PM	21600.000	146.026	21.349	332.838
5113.071	5496.357	3.006	3.738	195.577
1.000	14.776			
12/31/2015 4:15:00 PM	22500.000	146.042	21.347	332.874
5110.350	5493.669	3.004	3.736	195.681
1.000	14.785			
12/31/2015 4:30:00 PM	23400.000	146.050	21.350	332.893
5111.218	5494.236	3.005	3.736	195.648
1.000	14.781			
12/31/2015 4:45:00 PM	24300.000	146.040	21.354	332.871
5111.714	5494.375	3.005	3.736	195.629
1.000	14.785			
12/31/2015 5:00:00 PM	25200.000	146.033	21.355	332.855
5111.637	5494.173	3.005	3.736	195.632
1.000	14.786			
12/31/2015 5:15:00 PM	26100.000	146.034	21.350	332.856
5112.414	5495.482	3.005	3.737	195.602
1.000	14.783			
12/31/2015 5:30:00 PM	27000.000	146.021	21.348	332.828
5112.170	5495.468	3.005	3.737	195.612
1.000	14.785			
12/31/2015 5:45:00 PM	27900.000	146.019	21.356	332.823
5113.651	5496.219	3.006	3.737	195.555

1.000	14.791			
12/31/2015 6:00:00 PM	28800.000	146.013	21.359	332.809
5114.354	5496.628	3.006	3.738	195.528
1.000	14.792			
12/31/2015 6:15:00 PM	29700.000	146.017	21.356	332.818
5112.786	5495.279	3.005	3.737	195.588
1.000	14.792			
12/31/2015 6:30:00 PM	30600.000	146.018	21.356	332.820
5112.348	5494.738	3.005	3.736	195.605
1.000	14.789			
12/31/2015 6:45:00 PM	31500.000	146.022	21.356	332.830
5113.466	5495.960	3.006	3.737	195.562
1.000	14.785			
12/31/2015 7:00:00 PM	32400.000	146.022	21.356	332.830
5110.900	5493.262	3.004	3.735	195.660
1.000	14.794			
12/31/2015 7:15:00 PM	33300.000	146.014	21.351	332.811
5111.808	5494.752	3.005	3.736	195.626
1.000	14.792			
12/31/2015 7:30:00 PM	34200.000	146.015	21.363	332.812
5112.938	5494.622	3.005	3.736	195.582
1.000	14.794			
12/31/2015 7:45:00 PM	35100.000	146.021	21.352	332.826
5111.512	5494.286	3.005	3.736	195.637
1.000	14.792			
12/31/2015 8:00:00 PM	36000.000	146.016	21.351	332.816
5111.185	5494.103	3.005	3.736	195.649
1.000	14.799			
12/31/2015 8:15:00 PM	36900.000	146.023	21.351	332.831
5111.555	5494.500	3.005	3.736	195.635
1.000	14.793			
12/31/2015 8:30:00 PM	37800.000	146.016	21.360	332.814
5111.948	5493.934	3.005	3.736	195.620
1.000	14.793			
12/31/2015 8:45:00 PM	38700.000	146.017	21.358	332.817
5112.176	5494.377	3.005	3.736	195.611
1.000	14.794			
12/31/2015 9:00:00 PM	39600.000	146.025	21.355	332.835
5112.004	5494.529	3.005	3.736	195.618
1.000	14.790			
12/31/2015 9:15:00 PM	40500.000	146.023	21.348	332.832
5111.969	5495.231	3.005	3.737	195.619
1.000	14.791			
12/31/2015 9:30:00 PM	41400.000	146.027	21.346	332.841
5111.542	5495.100	3.005	3.737	195.636
1.000	14.794			
12/31/2015 9:45:00 PM	42300.000	146.068	21.348	332.934
5111.914	5495.231	3.005	3.737	195.621
1.000	14.786			
12/31/2015 10:00:00 PM	43200.000	146.022	21.350	332.829
5109.939	5492.920	3.004	3.735	195.697
1.000	14.793			
12/31/2015 10:15:00 PM	44100.000	146.021	21.360	332.828
5112.060	5494.035	3.005	3.736	195.616
1.000	14.793			
12/31/2015 10:30:00 PM	45000.000	146.023	21.353	332.831

5110.728	5493.404	3.004	3.736	195.667
1.000	14.788			
12/31/2015 10:45:00 PM	45900.000	145.989	21.357	332.753
5111.959	5494.243	3.005	3.736	195.620
1.000	14.786			
12/31/2015 11:00:00 PM	46800.000	145.984	21.354	332.742
5110.867	5493.454	3.004	3.736	195.662
1.000	14.791			
12/31/2015 11:15:00 PM	47700.000	146.023	21.350	332.831
5109.311	5492.245	3.004	3.735	195.721
1.000	14.784			
12/31/2015 11:30:00 PM	48600.000	146.019	21.353	332.823
5110.672	5493.353	3.004	3.735	195.669
1.000	14.783			
12/31/2015 11:45:00 PM	49500.000	146.021	21.354	332.827
5109.848	5492.329	3.004	3.735	195.701
1.000	14.780			
1/1/2016 12:00:00 AM	50400.000	146.017	21.350	332.817
5109.568	5492.493	3.004	3.735	195.711
1.000	14.782			
1/1/2016 12:15:00 AM	51300.000	146.028	21.349	332.842
5109.203	5492.189	3.004	3.735	195.725
1.000	14.777			
1/1/2016 12:30:00 AM	52200.000	145.992	21.350	332.761
5109.893	5492.772	3.004	3.735	195.699
1.000	14.773			
1/1/2016 12:45:00 AM	53100.000	146.029	21.353	332.845
5110.531	5493.222	3.004	3.735	195.674
1.000	14.776			
1/1/2016 1:00:00 AM	54000.000	146.033	21.351	332.853
5111.515	5494.457	3.005	3.736	195.637
1.000	14.775			
1/1/2016 1:15:00 AM	54900.000	146.024	21.350	332.835
5111.043	5494.049	3.005	3.736	195.655
1.000	14.778			
1/1/2016 1:30:00 AM	55800.000	145.995	21.352	332.767
5111.300	5494.088	3.005	3.736	195.645
1.000	14.772			
1/1/2016 1:45:00 AM	56700.000	146.026	21.352	332.839
5110.396	5493.095	3.004	3.735	195.680
1.000	14.774			
1/1/2016 2:00:00 AM	57600.000	146.034	21.352	332.856
5110.530	5493.251	3.004	3.735	195.674
1.000	14.778			
1/1/2016 2:15:00 AM	58500.000	146.031	21.353	332.850
5110.523	5493.133	3.004	3.735	195.675
1.000	14.779			
1/1/2016 2:30:00 AM	59400.000	146.027	21.355	332.840
5110.463	5492.823	3.004	3.735	195.677
1.000	14.780			
1/1/2016 2:45:00 AM	60300.000	146.045	21.355	332.881
5111.611	5494.096	3.005	3.736	195.633
1.000	14.774			
1/1/2016 3:00:00 AM	61200.000	146.037	21.355	332.864
5112.478	5495.048	3.005	3.737	195.600
1.000	14.773			

1/1/2016 3:15:00 AM	62100.000	146.035	21.357	332.859
5112.401	5494.718	3.005	3.736	195.603
1.000	14.777			
1/1/2016 3:30:00 AM	63000.000	146.038	21.356	332.865
5112.211	5494.602	3.005	3.736	195.610
1.000	14.777			
1/1/2016 3:45:00 AM	63900.000	146.044	21.358	332.879
5112.782	5494.989	3.005	3.737	195.588
1.000	14.776			
1/1/2016 4:00:00 AM	64800.000	146.046	21.359	332.883
5112.543	5494.623	3.005	3.736	195.597
1.000	14.773			
1/1/2016 4:15:00 AM	65700.000	146.042	21.360	332.875
5113.584	5495.614	3.006	3.737	195.558
1.000	14.773			
1/1/2016 4:30:00 AM	66600.000	146.051	21.360	332.895
5113.640	5495.743	3.006	3.737	195.555
1.000	14.770			
1/1/2016 4:45:00 AM	67500.000	146.051	21.364	332.896
5112.788	5494.413	3.005	3.736	195.588
1.000	14.768			
1/1/2016 5:00:00 AM	68400.000	146.066	21.362	332.930
5112.906	5494.716	3.005	3.736	195.583
1.000	14.766			
1/1/2016 5:15:00 AM	69300.000	146.055	21.365	332.905
5113.840	5495.324	3.005	3.737	195.548
1.000	14.772			
1/1/2016 5:30:00 AM	70200.000	146.057	21.363	332.909
5112.727	5494.405	3.005	3.736	195.590
1.000	14.776			
1/1/2016 5:45:00 AM	71100.000	146.065	21.359	332.927
5111.210	5493.230	3.004	3.735	195.648
1.000	14.774			
1/1/2016 6:00:00 AM	72000.000	146.064	21.359	332.926
5111.244	5493.255	3.004	3.735	195.647
1.000	14.778			
1/1/2016 6:15:00 AM	72900.000	146.065	21.361	332.928
5110.743	5492.451	3.004	3.735	195.666
1.000	14.776			
1/1/2016 6:30:00 AM	73800.000	146.067	21.361	332.932
5109.911	5491.646	3.003	3.734	195.698
1.000	14.783			
1/1/2016 6:45:00 AM	74700.000	146.109	21.361	333.028
5109.945	5491.633	3.003	3.734	195.697
1.000	14.786			
1/1/2016 7:00:00 AM	75600.000	146.074	21.361	332.947
5109.659	5491.286	3.003	3.734	195.708
1.000	14.781			
1/1/2016 7:15:00 AM	76500.000	146.073	21.358	332.945
5109.777	5491.838	3.003	3.734	195.703
1.000	14.783			
1/1/2016 7:30:00 AM	77400.000	146.068	21.357	332.935
5109.082	5491.189	3.003	3.734	195.730
1.000	14.794			
1/1/2016 7:45:00 AM	78300.000	146.099	21.352	333.005
5107.208	5489.738	3.002	3.733	195.802

1.000	14.782			
1/1/2016 8:00:00 AM	79200.000	146.091	21.353	332.987
5106.226	5488.514	3.001	3.732	195.839
1.000	14.787			
1/1/2016 8:15:00 AM	80100.000	146.054	21.350	332.902
5104.305	5486.854	3.000	3.731	195.913
1.000	14.789			
1/1/2016 8:30:00 AM	81000.000	146.092	21.350	332.988
5103.339	5485.747	3.000	3.730	195.950
1.000	14.792			
1/1/2016 8:45:00 AM	81900.000	146.095	21.347	332.996
5102.776	5485.478	3.000	3.730	195.972
1.000	14.798			
1/1/2016 9:00:00 AM	82800.000	146.094	21.359	332.993
5103.558	5485.035	2.999	3.730	195.942
1.000	14.796			
1/1/2016 9:15:00 AM	83700.000	146.101	21.366	333.008
5103.543	5484.191	2.999	3.729	195.942
1.000	14.795			
1/1/2016 9:30:00 AM	84600.000	146.106	21.361	333.021
5103.003	5484.153	2.999	3.729	195.963
1.000	14.796			
1/1/2016 9:45:00 AM	85500.000	146.065	21.354	332.926
5101.667	5483.584	2.999	3.729	196.014
1.000	14.800			
1/1/2016 10:00:00 AM	86400.000	146.115	21.355	333.042
5101.613	5483.389	2.998	3.729	196.016
1.000	14.802			
1/1/2016 10:15:00 AM	87300.000	146.079	21.355	332.959
5100.695	5482.343	2.998	3.728	196.052
1.000	14.799			
1/1/2016 10:30:00 AM	88200.000	146.076	21.346	332.953
5100.171	5482.864	2.998	3.728	196.072
1.000	14.807			
1/1/2016 10:45:00 AM	89100.000	146.117	21.348	333.046
5099.811	5482.260	2.998	3.728	196.086
1.000	14.798			
1/1/2016 11:00:00 AM	90000.000	146.110	21.360	333.030
5101.346	5482.540	2.998	3.728	196.027
1.000	14.796			
1/1/2016 11:15:00 AM	90900.000	146.123	21.354	333.059
5099.592	5481.276	2.997	3.727	196.094
1.000	14.792			
1/1/2016 11:30:00 AM	91800.000	146.080	21.346	332.961
5098.750	5481.258	2.997	3.727	196.127
1.000	14.800			
1/1/2016 11:45:00 AM	92700.000	146.118	21.349	333.048
5099.315	5481.610	2.997	3.727	196.105
1.000	14.797			
1/1/2016 12:00:00 PM	93600.000	146.125	21.360	333.063
5101.572	5482.733	2.998	3.728	196.018
1.000	14.790			
1/1/2016 12:15:00 PM	94500.000	146.130	21.360	333.076
5100.635	5481.736	2.997	3.728	196.054
1.000	14.786			
1/1/2016 12:30:00 PM	95400.000	146.121	21.357	333.054

5101.302	5482.837	2.998	3.728	196.028
1.000	14.786			
1/1/2016 12:45:00 PM	96300.000	146.128	21.351	333.070
5099.758	5481.809	2.998	3.728	196.088
1.000	14.779			
1/1/2016 1:00:00 PM	97200.000	146.097	21.349	333.000
5098.439	5480.659	2.997	3.727	196.138
1.000	14.782			
1/1/2016 1:15:00 PM	98100.000	146.153	21.345	333.127
5099.782	5482.466	2.998	3.728	196.087
1.000	14.765			
1/1/2016 1:30:00 PM	99000.000	146.102	21.349	333.012
5099.265	5481.556	2.997	3.727	196.107
1.000	14.774			
1/1/2016 1:45:00 PM	99900.000	146.137	21.352	333.092
5099.776	5481.750	2.997	3.728	196.087
1.000	14.772			
1/1/2016 2:00:00 PM	100800.000	146.137	21.347	333.091
5098.725	5481.143	2.997	3.727	196.127
1.000	14.778			
1/1/2016 2:15:00 PM	101700.000	146.144	21.351	333.107
5099.476	5481.477	2.997	3.727	196.099
1.000	14.774			
1/1/2016 2:30:00 PM	102600.000	146.144	21.352	333.108
5098.795	5480.647	2.997	3.727	196.125
1.000	14.769			
1/1/2016 2:45:00 PM	103500.000	146.137	21.347	333.091
5098.914	5481.306	2.997	3.727	196.120
1.000	14.775			
1/1/2016 3:00:00 PM	104400.000	146.127	21.353	333.069
5099.197	5480.939	2.997	3.727	196.109
1.000	14.776			
1/1/2016 3:15:00 PM	105300.000	146.147	21.349	333.114
5099.112	5481.313	2.997	3.727	196.113
1.000	14.771			
1/1/2016 3:30:00 PM	106200.000	146.146	21.348	333.111
5099.936	5482.394	2.998	3.728	196.081
1.000	14.772			
1/1/2016 3:45:00 PM	107100.000	146.141	21.350	333.101
5100.579	5482.790	2.998	3.728	196.056
1.000	14.771			
1/1/2016 4:00:00 PM	108000.000	146.133	21.357	333.083
5100.442	5481.904	2.998	3.728	196.061
1.000	14.774			
1/1/2016 4:15:00 PM	108900.000	146.139	21.355	333.096
5100.203	5481.823	2.998	3.728	196.071
1.000	14.776			
1/1/2016 4:30:00 PM	109800.000	146.142	21.356	333.103
5100.272	5481.790	2.998	3.728	196.068
1.000	14.776			
1/1/2016 4:45:00 PM	110700.000	146.139	21.357	333.096
5102.104	5483.621	2.999	3.729	195.998
1.000	14.772			
1/1/2016 5:00:00 PM	111600.000	146.152	21.355	333.125
5100.480	5482.182	2.998	3.728	196.060
1.000	14.773			

1/1/2016 5:15:00 PM	112500.000	146.144	21.347	333.108
5099.518	5482.055	2.998	3.728	196.097
1.000	14.767			
1/1/2016 5:30:00 PM	113400.000	146.152	21.346	333.125
5100.051	5482.746	2.998	3.728	196.076
1.000	14.768			
1/1/2016 5:45:00 PM	114300.000	146.155	21.344	333.132
5099.806	5482.659	2.998	3.728	196.086
1.000	14.766			
1/1/2016 6:00:00 PM	115200.000	146.116	21.342	333.043
5099.088	5482.066	2.998	3.728	196.113
1.000	14.772			
1/1/2016 6:15:00 PM	116100.000	146.119	21.343	333.051
5100.122	5483.148	2.998	3.729	196.074
1.000	14.767			
1/1/2016 6:30:00 PM	117000.000	146.142	21.351	333.102
5101.733	5483.952	2.999	3.729	196.012
1.000	14.776			
1/1/2016 6:45:00 PM	117900.000	146.149	21.346	333.118
5103.238	5486.124	3.000	3.731	195.954
1.000	14.772			
1/1/2016 7:00:00 PM	118800.000	146.144	21.349	333.108
5103.337	5485.914	3.000	3.730	195.950
1.000	14.771			
1/1/2016 7:15:00 PM	119700.000	146.180	21.355	333.189
5102.787	5484.572	2.999	3.730	195.971
1.000	14.776			
1/1/2016 7:30:00 PM	120600.000	146.141	21.359	333.099
5102.689	5484.022	2.999	3.729	195.975
1.000	14.777			
1/1/2016 7:45:00 PM	121500.000	146.152	21.352	333.126
5101.692	5483.730	2.999	3.729	196.013
1.000	14.776			
1/1/2016 8:00:00 PM	122400.000	146.143	21.353	333.106
5101.592	5483.573	2.999	3.729	196.017
1.000	14.778			
1/1/2016 8:15:00 PM	123300.000	146.150	21.355	333.121
5102.119	5483.924	2.999	3.729	195.997
1.000	14.778			
1/1/2016 8:30:00 PM	124200.000	146.146	21.357	333.112
5102.975	5484.576	2.999	3.730	195.964
1.000	14.780			
1/1/2016 8:45:00 PM	125100.000	146.153	21.355	333.129
5103.369	5485.257	3.000	3.730	195.949
1.000	14.777			
1/1/2016 9:00:00 PM	126000.000	146.113	21.350	333.037
5102.801	5485.209	2.999	3.730	195.971
1.000	14.780			
1/1/2016 9:15:00 PM	126900.000	146.144	21.354	333.108
5102.834	5484.790	2.999	3.730	195.970
1.000	14.782			
1/1/2016 9:30:00 PM	127800.000	146.149	21.351	333.119
5102.704	5485.024	2.999	3.730	195.975
1.000	14.781			
1/1/2016 9:45:00 PM	128700.000	146.130	21.360	333.074
5102.875	5484.164	2.999	3.729	195.968

1.000	14.790				
1/1/2016 10:00:00 PM	129600.000	146.147	21.354	333.114	
5103.097	5485.053	2.999	3.730	195.959	
1.000	14.782				
1/1/2016 10:15:00 PM	130500.000	146.146	21.348	333.111	
5102.505	5485.117	2.999	3.730	195.982	
1.000	14.785				
1/1/2016 10:30:00 PM	131400.000	146.150	21.348	333.120	
5103.004	5485.634	3.000	3.730	195.963	
1.000	14.779				
1/1/2016 10:45:00 PM	132300.000	146.150	21.348	333.120	
5103.292	5486.001	3.000	3.730	195.952	
1.000	14.781				
1/1/2016 11:00:00 PM	133200.000	146.156	21.347	333.134	
5103.923	5486.721	3.000	3.731	195.928	
1.000	14.779				
1/1/2016 11:15:00 PM	134100.000	146.141	21.351	333.101	
5104.268	5486.677	3.000	3.731	195.914	
1.000	14.783				
1/1/2016 11:30:00 PM	135000.000	146.145	21.351	333.109	
5105.232	5487.743	3.001	3.732	195.877	
1.000	14.784				
1/1/2016 11:45:00 PM	135900.000	146.142	21.350	333.103	
5104.583	5487.094	3.001	3.731	195.902	
1.000	14.783				
1/2/2016 12:00:00 AM	136800.000	146.137	21.348	333.091	
5103.854	5486.586	3.000	3.731	195.930	
1.000	14.783				
1/2/2016 12:15:00 AM	137700.000	146.141	21.348	333.101	
5104.587	5487.306	3.001	3.731	195.902	
1.000	14.780				
1/2/2016 12:30:00 AM	138600.000	146.130	21.358	333.076	
5105.615	5487.326	3.001	3.731	195.863	
1.000	14.780				
1/2/2016 12:45:00 AM	139500.000	146.142	21.361	333.102	
5105.650	5487.027	3.001	3.731	195.861	
1.000	14.770				
1/2/2016 1:00:00 AM	140400.000	146.138	21.362	333.093	
5106.730	5488.069	3.001	3.732	195.820	
1.000	14.779				
1/2/2016 1:15:00 AM	141300.000	146.143	21.348	333.105	
5104.854	5487.652	3.001	3.732	195.892	
1.000	14.773				
1/2/2016 1:30:00 AM	142200.000	146.177	21.345	333.183	
5104.582	5487.675	3.001	3.732	195.902	
1.000	14.775				
1/2/2016 1:45:00 AM	143100.000	146.145	21.345	333.108	
5104.591	5487.695	3.001	3.732	195.902	
1.000	14.770				
1/2/2016 2:00:00 AM	144000.000	146.104	21.344	333.016	
5104.093	5487.289	3.001	3.731	195.921	
1.000	14.766				
1/2/2016 2:15:00 AM	144900.000	146.148	21.346	333.117	
5104.589	5487.555	3.001	3.732	195.902	
1.000	14.773				
1/2/2016 2:30:00 AM	145800.000	146.152	21.354	333.126	

5105.893	5488.019	3.001	3.732	195.852
1.000	14.763			
1/2/2016 2:45:00 AM	146700.000	146.141	21.359	333.101
5106.400	5488.011	3.001	3.732	195.833
1.000	14.771			
1/2/2016 3:00:00 AM	147600.000	146.146	21.354	333.112
5105.434	5487.564	3.001	3.732	195.870
1.000	14.769			
1/2/2016 3:15:00 AM	148500.000	146.187	21.351	333.204
5106.152	5488.731	3.002	3.732	195.842
1.000	14.769			
1/2/2016 3:30:00 AM	149400.000	146.154	21.349	333.130
5106.583	5489.423	3.002	3.733	195.826
1.000	14.770			
1/2/2016 3:45:00 AM	150300.000	146.158	21.350	333.139
5106.948	5489.696	3.002	3.733	195.812
1.000	14.761			
1/2/2016 4:00:00 AM	151200.000	146.154	21.347	333.129
5106.480	5489.479	3.002	3.733	195.830
1.000	14.766			
1/2/2016 4:15:00 AM	152100.000	146.163	21.348	333.150
5107.193	5490.127	3.002	3.733	195.802
1.000	14.763			
1/2/2016 4:30:00 AM	153000.000	146.166	21.352	333.157
5107.237	5489.690	3.002	3.733	195.801
1.000	14.761			
1/2/2016 4:45:00 AM	153900.000	146.165	21.352	333.155
5106.899	5489.337	3.002	3.733	195.814
1.000	14.760			
1/2/2016 5:00:00 AM	154800.000	146.163	21.353	333.151
5107.822	5490.290	3.002	3.733	195.778
1.000	14.763			
1/2/2016 5:15:00 AM	155700.000	146.128	21.355	333.070
5108.527	5490.801	3.003	3.734	195.751
1.000	14.762			
1/2/2016 5:30:00 AM	156600.000	146.183	21.349	333.197
5106.565	5489.354	3.002	3.733	195.826
1.000	14.761			
1/2/2016 5:45:00 AM	157500.000	146.178	21.347	333.184
5106.975	5490.081	3.002	3.733	195.811
1.000	14.764			
1/2/2016 6:00:00 AM	158400.000	146.171	21.352	333.169
5106.924	5489.454	3.002	3.733	195.813
1.000	14.762			
1/2/2016 6:15:00 AM	159300.000	146.190	21.349	333.212
5106.975	5489.785	3.002	3.733	195.811
1.000	14.758			
1/2/2016 6:30:00 AM	160200.000	146.185	21.344	333.201
5106.437	5489.769	3.002	3.733	195.831
1.000	14.759			
1/2/2016 6:45:00 AM	161100.000	146.183	21.345	333.196
5106.289	5489.570	3.002	3.733	195.837
1.000	14.764			
1/2/2016 7:00:00 AM	162000.000	146.150	21.351	333.121
5106.610	5489.165	3.002	3.733	195.825
1.000	14.758			

1/2/2016 7:15:00 AM	162900.000	146.192	21.348	333.216
5106.659	5489.602	3.002	3.733	195.823
1.000	14.759			
1/2/2016 7:30:00 AM	163800.000	146.206	21.351	333.249
5107.014	5489.589	3.002	3.733	195.809
1.000	14.754			
1/2/2016 7:45:00 AM	164700.000	146.203	21.349	333.241
5105.935	5488.726	3.002	3.732	195.851
1.000	14.761			
1/2/2016 8:00:00 AM	165600.000	146.204	21.343	333.245
5106.501	5489.996	3.002	3.733	195.829
1.000	14.758			
1/2/2016 8:15:00 AM	166500.000	146.203	21.346	333.243
5106.499	5489.667	3.002	3.733	195.829
1.000	14.763			
1/2/2016 8:30:00 AM	167400.000	146.204	21.346	333.244
5106.437	5489.571	3.002	3.733	195.831
1.000	14.763			
1/2/2016 8:45:00 AM	168300.000	146.241	21.349	333.329
5106.179	5488.929	3.002	3.732	195.841
1.000	14.766			
1/2/2016 9:00:00 AM	169200.000	146.207	21.348	333.250
5106.329	5489.178	3.002	3.733	195.835
1.000	14.763			
1/2/2016 9:15:00 AM	170100.000	146.175	21.350	333.177
5107.480	5490.258	3.002	3.733	195.791
1.000	14.760			
1/2/2016 9:30:00 AM	171000.000	146.212	21.353	333.263
5108.030	5490.523	3.003	3.734	195.770
1.000	14.761			
1/2/2016 9:45:00 AM	171900.000	146.213	21.357	333.265
5109.151	5491.185	3.003	3.734	195.727
1.000	14.759			
1/2/2016 10:00:00 AM	172800.000	146.209	21.360	333.255
5109.172	5490.931	3.003	3.734	195.726
1.000	14.760			
1/2/2016 10:15:00 AM	173700.000	146.211	21.352	333.261
5108.198	5490.803	3.003	3.734	195.764
1.000	14.770			
1/2/2016 10:30:00 AM	174600.000	146.213	21.349	333.265
5108.977	5491.946	3.003	3.735	195.734
1.000	14.766			
1/2/2016 10:45:00 AM	175500.000	146.226	21.348	333.294
5108.987	5492.076	3.003	3.735	195.734
1.000	14.753			
1/2/2016 11:00:00 AM	176400.000	146.220	21.351	333.280
5109.858	5492.627	3.004	3.735	195.700
1.000	14.760			
1/2/2016 11:15:00 AM	177300.000	146.185	21.350	333.200
5109.065	5491.893	3.003	3.734	195.731
1.000	14.755			
1/2/2016 11:30:00 AM	178200.000	146.219	21.352	333.278
5109.254	5491.869	3.003	3.734	195.723
1.000	14.750			
1/2/2016 11:45:00 AM	179100.000	146.189	21.349	333.210
5108.958	5491.886	3.003	3.734	195.735

1.000	14.745			
1/2/2016 12:00:00 PM	180000.000	146.221	21.351	333.283
5109.312	5492.128	3.004	3.735	195.721
1.000	14.742			
1/2/2016 12:15:00 PM	180900.000	146.224	21.355	333.290
5110.041	5492.378	3.004	3.735	195.693
1.000	14.738			
1/2/2016 12:30:00 PM	181800.000	146.220	21.355	333.280
5110.779	5493.171	3.004	3.735	195.665
1.000	14.731			
1/2/2016 12:45:00 PM	182700.000	146.234	21.353	333.312
5110.698	5493.340	3.004	3.735	195.668
1.000	14.722			
1/2/2016 1:00:00 PM	183600.000	146.219	21.352	333.278
5110.791	5493.590	3.004	3.736	195.664
1.000	14.729			
1/2/2016 1:15:00 PM	184500.000	146.229	21.361	333.301
5111.712	5493.553	3.004	3.736	195.629
1.000	14.719			
1/2/2016 1:30:00 PM	185400.000	146.223	21.360	333.288
5111.844	5493.763	3.004	3.736	195.624
1.000	14.715			
1/2/2016 1:45:00 PM	186300.000	146.225	21.355	333.291
5111.079	5493.544	3.004	3.736	195.653
1.000	14.718			
1/2/2016 2:00:00 PM	187200.000	146.217	21.352	333.273
5110.138	5492.839	3.004	3.735	195.689
1.000	14.716			
1/2/2016 2:15:00 PM	188100.000	146.221	21.350	333.283
5110.085	5493.078	3.004	3.735	195.691
1.000	14.718			
1/2/2016 2:30:00 PM	189000.000	146.217	21.358	333.273
5111.051	5493.198	3.004	3.735	195.654
1.000	14.723			
1/2/2016 2:45:00 PM	189900.000	146.227	21.357	333.297
5110.912	5493.137	3.004	3.735	195.660
1.000	14.709			
1/2/2016 3:00:00 PM	190800.000	146.218	21.363	333.275
5111.834	5493.456	3.004	3.736	195.625
1.000	14.709			
1/2/2016 3:15:00 PM	191700.000	146.221	21.355	333.283
5111.736	5494.261	3.005	3.736	195.628
1.000	14.709			
1/2/2016 3:30:00 PM	192600.000	146.217	21.353	333.274
5110.429	5493.022	3.004	3.735	195.678
1.000	14.709			
1/2/2016 3:45:00 PM	193500.000	146.207	21.350	333.251
5110.931	5493.948	3.005	3.736	195.659
1.000	14.714			
1/2/2016 4:00:00 PM	194400.000	146.219	21.354	333.279
5112.266	5494.948	3.005	3.737	195.608
1.000	14.709			
1/2/2016 4:15:00 PM	195300.000	146.204	21.357	333.243
5111.269	5493.569	3.004	3.736	195.646
1.000	14.711			
1/2/2016 4:30:00 PM	196200.000	146.213	21.361	333.264

5113.009	5494.916	3.005	3.737	195.580
1.000	14.702			
1/2/2016 4:45:00 PM	197100.000	146.209	21.361	333.255
5112.840	5494.774	3.005	3.736	195.586
1.000	14.701			
1/2/2016 5:00:00 PM	198000.000	146.201	21.356	333.237
5112.307	5494.774	3.005	3.736	195.606
1.000	14.710			
1/2/2016 5:15:00 PM	198900.000	146.205	21.358	333.247
5112.114	5494.340	3.005	3.736	195.614
1.000	14.704			
1/2/2016 5:30:00 PM	199800.000	146.205	21.351	333.247
5112.134	5495.112	3.005	3.737	195.613
1.000	14.704			
1/2/2016 5:45:00 PM	200700.000	146.197	21.360	333.227
5112.726	5494.691	3.005	3.736	195.590
1.000	14.701			
1/2/2016 6:00:00 PM	201600.000	146.194	21.360	333.222
5113.283	5495.329	3.005	3.737	195.569
1.000	14.701			
1/2/2016 6:15:00 PM	202500.000	146.181	21.358	333.193
5112.465	5494.677	3.005	3.736	195.600
1.000	14.707			
1/2/2016 6:30:00 PM	203400.000	146.208	21.350	333.252
5111.055	5494.041	3.005	3.736	195.654
1.000	14.698			
1/2/2016 6:45:00 PM	204300.000	146.197	21.343	333.229
5110.805	5494.544	3.005	3.736	195.664
1.000	14.700			
1/2/2016 7:00:00 PM	205200.000	146.193	21.346	333.218
5111.249	5494.695	3.005	3.736	195.647
1.000	14.702			
1/2/2016 7:15:00 PM	206100.000	146.188	21.358	333.207
5112.507	5494.713	3.005	3.736	195.599
1.000	14.704			
1/2/2016 7:30:00 PM	207000.000	146.185	21.354	333.201
5113.475	5496.198	3.006	3.737	195.562
1.000	14.705			
1/2/2016 7:45:00 PM	207900.000	146.180	21.350	333.190
5112.246	5495.401	3.005	3.737	195.609
1.000	14.707			
1/2/2016 8:00:00 PM	208800.000	146.181	21.346	333.192
5112.454	5496.020	3.006	3.737	195.601
1.000	14.706			
1/2/2016 8:15:00 PM	209700.000	146.154	21.348	333.130
5113.949	5497.449	3.007	3.738	195.544
1.000	14.702			
1/2/2016 8:30:00 PM	210600.000	146.178	21.356	333.186
5113.271	5495.811	3.006	3.737	195.570
1.000	14.711			
1/2/2016 8:45:00 PM	211500.000	146.178	21.354	333.185
5114.652	5497.444	3.007	3.738	195.517
1.000	14.718			
1/2/2016 9:00:00 PM	212400.000	146.168	21.349	333.163
5111.691	5494.874	3.005	3.737	195.630
1.000	14.720			

1/2/2016 9:15:00 PM	213300.000	146.179	21.359	333.188
5112.952	5495.142	3.005	3.737	195.582
1.000	14.710			
1/2/2016 9:30:00 PM	214200.000	146.165	21.354	333.156
5113.362	5496.155	3.006	3.737	195.566
1.000	14.724			
1/2/2016 9:45:00 PM	215100.000	146.169	21.351	333.165
5112.375	5495.362	3.005	3.737	195.604
1.000	14.716			
1/2/2016 10:00:00 PM	216000.000	146.167	21.348	333.160
5111.326	5494.580	3.005	3.736	195.644
1.000	14.714			
1/2/2016 10:15:00 PM	216900.000	146.162	21.355	333.148
5111.374	5493.831	3.005	3.736	195.642
1.000	14.717			
1/2/2016 10:30:00 PM	217800.000	146.169	21.357	333.165
5111.597	5493.883	3.005	3.736	195.634
1.000	14.712			
1/2/2016 10:45:00 PM	218700.000	146.152	21.361	333.126
5111.551	5493.409	3.004	3.736	195.635
1.000	14.709			
1/2/2016 11:00:00 PM	219600.000	146.162	21.355	333.147
5109.433	5491.715	3.003	3.734	195.716
1.000	14.705			
1/2/2016 11:15:00 PM	220500.000	146.191	21.349	333.214
5110.027	5493.055	3.004	3.735	195.694
1.000	14.708			
1/2/2016 11:30:00 PM	221400.000	146.157	21.346	333.136
5109.544	5492.863	3.004	3.735	195.712
1.000	14.712			
1/2/2016 11:45:00 PM	222300.000	146.141	21.350	333.100
5109.998	5492.984	3.004	3.735	195.695
1.000	14.705			
1/3/2016 12:00:00 AM	223200.000	146.155	21.352	333.132
5109.751	5492.433	3.004	3.735	195.704
1.000	14.703			
1/3/2016 12:15:00 AM	224100.000	146.159	21.353	333.141
5109.820	5492.437	3.004	3.735	195.702
1.000	14.704			
1/3/2016 12:30:00 AM	225000.000	146.158	21.348	333.139
5109.638	5492.795	3.004	3.735	195.709
1.000	14.698			
1/3/2016 12:45:00 AM	225900.000	146.159	21.346	333.141
5109.332	5492.634	3.004	3.735	195.720
1.000	14.697			
1/3/2016 1:00:00 AM	226800.000	146.156	21.349	333.134
5109.680	5492.682	3.004	3.735	195.707
1.000	14.696			
1/3/2016 1:15:00 AM	227700.000	146.159	21.347	333.141
5109.133	5492.312	3.004	3.735	195.728
1.000	14.697			
1/3/2016 1:30:00 AM	228600.000	146.155	21.347	333.131
5109.536	5492.745	3.004	3.735	195.712
1.000	14.693			
1/3/2016 1:45:00 AM	229500.000	146.125	21.347	333.063
5109.168	5492.430	3.004	3.735	195.727

1.000	14.693			
1/3/2016 2:00:00 AM	230400.000	146.157	21.348	333.136
5109.788	5492.907	3.004	3.735	195.703
1.000	14.693			
1/3/2016 2:15:00 AM	231300.000	146.162	21.346	333.148
5109.732	5493.064	3.004	3.735	195.705
1.000	14.691			
1/3/2016 2:30:00 AM	232200.000	146.152	21.343	333.126
5109.442	5493.109	3.004	3.735	195.716
1.000	14.695			
1/3/2016 2:45:00 AM	233100.000	146.148	21.344	333.116
5108.385	5491.934	3.003	3.735	195.757
1.000	14.695			
1/3/2016 3:00:00 AM	234000.000	146.157	21.342	333.137
5107.786	5491.426	3.003	3.734	195.780
1.000	14.692			
1/3/2016 3:15:00 AM	234900.000	146.151	21.345	333.123
5107.418	5490.744	3.003	3.734	195.794
1.000	14.690			
1/3/2016 3:30:00 AM	235800.000	146.153	21.353	333.128
5107.754	5490.137	3.002	3.733	195.781
1.000	14.693			
1/3/2016 3:45:00 AM	236700.000	146.121	21.347	333.055
5106.669	5489.713	3.002	3.733	195.822
1.000	14.685			
1/3/2016 4:00:00 AM	237600.000	146.161	21.351	333.145
5105.582	5488.040	3.001	3.732	195.864
1.000	14.682			
1/3/2016 4:15:00 AM	238500.000	146.123	21.346	333.060
5103.892	5486.845	3.000	3.731	195.929
1.000	14.685			
1/3/2016 4:30:00 AM	239400.000	146.167	21.347	333.161
5105.449	5488.401	3.001	3.732	195.869
1.000	14.673			
1/3/2016 4:45:00 AM	240300.000	146.179	21.348	333.188
5103.809	5486.469	3.000	3.731	195.932
1.000	14.667			
1/3/2016 5:00:00 AM	241200.000	146.173	21.352	333.173
5104.576	5486.870	3.000	3.731	195.903
1.000	14.670			
1/3/2016 5:15:00 AM	242100.000	146.178	21.350	333.184
5104.169	5486.680	3.000	3.731	195.918
1.000	14.675			
1/3/2016 5:30:00 AM	243000.000	146.179	21.350	333.188
5104.636	5487.181	3.001	3.731	195.900
1.000	14.672			
1/3/2016 5:45:00 AM	243900.000	146.184	21.353	333.199
5104.563	5486.796	3.000	3.731	195.903
1.000	14.667			
1/3/2016 6:00:00 AM	244800.000	146.186	21.360	333.204
5105.211	5486.625	3.000	3.731	195.878
1.000	14.664			
1/3/2016 6:15:00 AM	245700.000	146.179	21.363	333.187
5105.912	5487.052	3.001	3.731	195.851
1.000	14.666			
1/3/2016 6:30:00 AM	246600.000	146.219	21.351	333.278

5103.833	5486.248	3.000	3.731	195.931
1.000	14.674			
1/3/2016 6:45:00 AM	247500.000	146.183	21.351	333.197
5103.538	5485.882	3.000	3.730	195.943
1.000	14.672			
1/3/2016 7:00:00 AM	248400.000	146.189	21.356	333.210
5103.438	5485.211	3.000	3.730	195.946
1.000	14.667			
1/3/2016 7:15:00 AM	249300.000	146.195	21.348	333.223
5102.268	5484.823	2.999	3.730	195.991
1.000	14.672			
1/3/2016 7:30:00 AM	250200.000	146.164	21.347	333.152
5103.205	5485.958	3.000	3.730	195.955
1.000	14.675			
1/3/2016 7:45:00 AM	251100.000	146.208	21.345	333.254
5103.005	5485.980	3.000	3.730	195.963
1.000	14.668			
1/3/2016 8:00:00 AM	252000.000	146.208	21.349	333.252
5102.317	5484.807	2.999	3.730	195.989
1.000	14.673			
1/3/2016 8:15:00 AM	252900.000	146.209	21.350	333.255
5103.013	5485.387	3.000	3.730	195.963
1.000	14.673			
1/3/2016 8:30:00 AM	253800.000	146.211	21.355	333.260
5103.391	5485.281	3.000	3.730	195.948
1.000	14.674			
1/3/2016 8:45:00 AM	254700.000	146.216	21.348	333.271
5102.750	5485.399	3.000	3.730	195.973
1.000	14.682			
1/3/2016 9:00:00 AM	255600.000	146.209	21.349	333.254
5102.720	5485.230	3.000	3.730	195.974
1.000	14.680			
1/3/2016 9:15:00 AM	256500.000	146.216	21.354	333.272
5103.220	5485.244	3.000	3.730	195.955
1.000	14.675			
1/3/2016 9:30:00 AM	257400.000	146.214	21.355	333.266
5103.771	5485.690	3.000	3.730	195.934
1.000	14.688			
1/3/2016 9:45:00 AM	258300.000	146.214	21.357	333.268
5103.005	5484.688	2.999	3.730	195.963
1.000	14.675			
1/3/2016 10:00:00 AM	259200.000	146.223	21.358	333.286
5104.001	5485.561	3.000	3.730	195.925
1.000	14.673			
1/3/2016 10:15:00 AM	260100.000	146.223	21.356	333.287
5104.347	5486.198	3.000	3.731	195.911
1.000	14.676			
1/3/2016 10:30:00 AM	261000.000	146.216	21.361	333.272
5104.213	5485.433	3.000	3.730	195.917
1.000	14.673			
1/3/2016 10:45:00 AM	261900.000	146.217	21.357	333.273
5103.306	5484.982	2.999	3.730	195.951
1.000	14.668			
1/3/2016 11:00:00 AM	262800.000	146.226	21.350	333.294
5101.888	5484.227	2.999	3.729	196.006
1.000	14.667			

1/3/2016 11:15:00 AM	263700.000	146.221	21.358	333.284
5103.004	5484.470	2.999	3.729	195.963
1.000	14.664			
1/3/2016 11:30:00 AM	264600.000	146.228	21.353	333.298
5103.215	5485.348	3.000	3.730	195.955
1.000	14.657			
1/3/2016 11:45:00 AM	265500.000	146.224	21.358	333.289
5103.024	5484.590	2.999	3.730	195.962
1.000	14.655			
1/3/2016 12:00:00 PM	266400.000	146.227	21.354	333.297
5104.743	5486.793	3.000	3.731	195.896
1.000	14.654			
1/3/2016 12:15:00 PM	267300.000	76.436	18.950	174.222
2576.642	2913.290	1.531	1.981	388.102
1.000	14.646			
1/3/2016 12:30:00 PM	268200.000	0.010	15.375	0.023
0.000	0.000	0.000	0.000	10000000.000
0.999	14.643			
1/3/2016 12:45:00 PM	269100.000	1.595	14.177	3.635
10489.054	13222.395	7.642	8.991	95.337
1.005	14.646			
1/3/2016 12:59:45 PM	269985.268	10.175	14.898	23.192
10412.262	12901.615	7.452	8.773	96.041
1.005	14.641			
1/3/2016 1:14:45 PM	270885.268	146.183	21.259	333.196
5016.240	5402.268	2.951	3.674	199.353
1.000	14.638			
1/3/2016 1:29:45 PM	271785.268	146.213	21.344	333.265
5024.133	5401.355	2.951	3.673	199.039
1.000	14.625			
1/3/2016 1:44:45 PM	272685.268	146.184	21.342	333.198
5026.316	5403.828	2.952	3.675	198.953
1.000	14.615			
1/3/2016 1:59:45 PM	273585.268	146.217	21.344	333.274
5026.452	5403.789	2.952	3.675	198.947
1.000	14.621			
1/3/2016 2:14:45 PM	274485.268	146.207	21.348	333.252
5025.679	5402.559	2.951	3.674	198.978
1.000	14.624			
1/3/2016 2:29:45 PM	275385.268	146.207	21.350	333.252
5025.183	5401.803	2.951	3.673	198.998
1.000	14.624			
1/3/2016 2:44:45 PM	276285.268	146.226	21.354	333.295
5024.264	5400.368	2.950	3.672	199.034
1.000	14.613			
1/3/2016 2:59:45 PM	277185.268	146.208	21.353	333.254
5022.760	5398.780	2.949	3.671	199.094
1.000	14.627			
1/3/2016 3:14:45 PM	278085.268	146.221	21.354	333.283
5021.276	5397.175	2.948	3.670	199.153
1.000	14.615			
1/3/2016 3:29:45 PM	278985.268	146.207	21.355	333.251
5020.572	5396.226	2.948	3.669	199.180
1.000	14.621			
1/3/2016 3:44:45 PM	279885.268	146.213	21.358	333.264
5021.125	5396.480	2.948	3.670	199.159

1.000	14.610			
1/3/2016 3:59:45 PM	280785.268	146.247	21.356	333.342
5017.940	5393.280	2.946	3.667	199.285
1.000	14.615			
1/3/2016 4:14:45 PM	281685.268	146.203	21.360	333.241
5017.016	5391.879	2.945	3.666	199.322
1.000	14.617			
1/3/2016 4:29:45 PM	282585.268	146.207	21.360	333.251
5016.153	5391.000	2.945	3.666	199.356
1.000	14.618			
1/3/2016 4:44:45 PM	283485.268	146.213	21.358	333.265
5014.898	5389.865	2.944	3.665	199.406
1.000	14.615			
1/3/2016 4:59:45 PM	284385.268	146.206	21.358	333.249
5014.359	5389.208	2.944	3.665	199.427
1.000	14.613			
1/3/2016 5:14:45 PM	285285.268	146.206	21.363	333.248
5013.802	5388.077	2.943	3.664	199.449
1.000	14.612			
1/3/2016 5:29:45 PM	286185.268	146.210	21.361	333.257
5013.876	5388.359	2.943	3.664	199.446
1.000	14.613			
1/3/2016 5:44:45 PM	287085.268	146.194	21.362	333.222
5012.838	5387.137	2.942	3.663	199.488
1.000	14.622			
1/3/2016 5:59:45 PM	287985.268	146.241	21.361	333.329
5011.811	5386.158	2.942	3.663	199.529
1.000	14.613			
1/3/2016 6:14:45 PM	288885.268	146.202	21.363	333.240
5011.106	5385.246	2.941	3.662	199.557
1.000	14.617			
1/3/2016 6:29:45 PM	289785.268	146.198	21.361	333.231
5009.906	5384.092	2.941	3.661	199.605
1.000	14.619			
1/3/2016 6:44:45 PM	290685.268	146.208	21.357	333.254
5008.087	5382.670	2.940	3.660	199.677
1.000	14.619			
1/3/2016 6:59:45 PM	291585.268	146.198	21.359	333.230
5006.410	5380.548	2.939	3.659	199.744
1.000	14.624			
1/3/2016 7:14:45 PM	292485.268	146.197	21.361	333.227
5005.686	5379.615	2.938	3.658	199.773
1.000	14.625			
1/3/2016 7:29:45 PM	293385.268	146.194	21.363	333.221
5005.646	5379.292	2.938	3.658	199.774
1.000	14.625			
1/3/2016 7:44:45 PM	294285.268	146.236	21.367	333.316
5006.245	5379.587	2.938	3.658	199.751
1.000	14.622			
1/3/2016 7:59:45 PM	295185.268	146.202	21.368	333.241
5006.097	5379.224	2.938	3.658	199.756
1.000	14.625			
1/3/2016 8:14:45 PM	296085.268	146.188	21.366	333.209
5005.060	5378.333	2.937	3.657	199.798
1.000	14.625			
1/3/2016 8:29:45 PM	296985.268	146.211	21.366	333.261

5003.591	5376.823	2.936	3.656	199.856
1.000	14.618			
1/3/2016 8:44:45 PM	297885.268	146.198	21.367	333.230
5003.442	5376.508	2.936	3.656	199.862
1.000	14.620			
1/3/2016 8:59:45 PM	298785.268	146.201	21.368	333.238
5002.344	5375.250	2.935	3.655	199.906
1.000	14.620			
1/3/2016 9:14:45 PM	299685.268	146.199	21.365	333.233
5002.458	5375.652	2.936	3.655	199.902
1.000	14.624			
1/3/2016 9:29:45 PM	300585.268	146.204	21.368	333.243
5002.557	5375.431	2.936	3.655	199.898
1.000	14.619			
1/3/2016 9:44:45 PM	301485.268	146.235	21.367	333.314
5001.826	5374.771	2.935	3.655	199.927
1.000	14.623			
1/3/2016 9:59:45 PM	302385.268	146.200	21.368	333.236
5001.676	5374.474	2.935	3.655	199.933
1.000	14.620			
1/3/2016 10:14:45 PM	303285.268	146.205	21.368	333.247
5001.982	5374.842	2.935	3.655	199.921
1.000	14.623			
1/3/2016 10:29:45 PM	304185.268	146.207	21.371	333.251
5001.224	5373.698	2.935	3.654	199.951
1.000	14.623			
1/3/2016 10:44:45 PM	305085.268	146.203	21.375	333.242
5001.625	5373.676	2.935	3.654	199.935
1.000	14.628			
1/3/2016 10:59:45 PM	305985.268	146.201	21.369	333.237
4999.975	5372.599	2.934	3.653	200.001
1.000	14.620			
1/3/2016 11:14:45 PM	306885.268	146.208	21.370	333.254
5000.223	5372.729	2.934	3.653	199.991
1.000	14.620			
1/3/2016 11:29:45 PM	307785.268	146.204	21.369	333.244
5000.179	5372.798	2.934	3.654	199.993
1.000	14.626			
1/3/2016 11:44:45 PM	308685.268	146.208	21.357	333.253
4999.831	5373.786	2.935	3.654	200.007
1.000	14.626			
1/3/2016 11:59:45 PM	309585.268	146.217	21.355	333.274
4998.311	5372.347	2.934	3.653	200.068
1.000	14.620			
1/4/2016 12:14:45 AM	310485.268	146.222	21.353	333.286
4995.788	5369.886	2.932	3.652	200.169
1.000	14.622			
1/4/2016 12:29:45 AM	311385.268	146.223	21.348	333.288
4995.091	5369.591	2.932	3.651	200.197
1.000	14.616			
1/4/2016 12:44:45 AM	312285.268	146.220	21.365	333.281
4995.800	5368.565	2.932	3.651	200.168
1.000	14.612			
1/4/2016 12:59:45 AM	313185.268	146.262	21.357	333.376
4994.000	5367.424	2.931	3.650	200.240
1.000	14.616			

1/4/2016 1:14:45 AM	314085.268	146.222	21.357	333.285
4993.593	5367.072	2.931	3.650	200.257
1.000	14.620			
1/4/2016 1:29:45 AM	314985.268	146.233	21.359	333.310
4994.084	5367.368	2.931	3.650	200.237
1.000	14.609			
1/4/2016 1:44:45 AM	315885.268	146.226	21.364	333.295
4995.167	5367.906	2.931	3.650	200.193
1.000	14.613			
1/4/2016 1:59:45 AM	316785.268	146.222	21.353	333.285
4994.381	5368.314	2.931	3.650	200.225
1.000	14.617			
1/4/2016 2:14:45 AM	317685.268	146.266	21.355	333.386
4994.514	5368.275	2.931	3.650	200.220
1.000	14.615			
1/4/2016 2:29:45 AM	318585.268	146.231	21.362	333.305
4995.486	5368.567	2.932	3.651	200.181
1.000	14.615			
1/4/2016 2:44:45 AM	319485.268	146.232	21.359	333.308
4995.564	5368.988	2.932	3.651	200.178
1.000	14.614			
1/4/2016 2:59:45 AM	320385.268	146.239	21.349	333.323
4996.018	5370.568	2.933	3.652	200.159
1.000	14.616			
1/4/2016 3:14:45 AM	321285.268	146.243	21.347	333.333
4995.727	5370.430	2.933	3.652	200.171
1.000	14.614			
1/4/2016 3:29:45 AM	322185.268	146.249	21.348	333.345
4996.937	5371.584	2.933	3.653	200.123
1.000	14.608			
1/4/2016 3:44:45 AM	323085.268	146.251	21.351	333.351
4997.078	5371.437	2.933	3.653	200.117
1.000	14.601			
1/4/2016 3:59:45 AM	323985.268	146.245	21.353	333.337
4997.933	5372.133	2.934	3.653	200.083
1.000	14.603			
1/4/2016 4:14:45 AM	324885.268	146.251	21.349	333.351
4997.612	5372.243	2.934	3.653	200.096
1.000	14.600			
1/4/2016 4:29:45 AM	325785.268	146.255	21.350	333.360
4997.472	5371.987	2.934	3.653	200.101
1.000	14.601			
1/4/2016 4:44:45 AM	326685.268	146.250	21.350	333.349
4997.322	5371.806	2.933	3.653	200.107
1.000	14.601			
1/4/2016 4:59:45 AM	327585.268	146.258	21.351	333.366
4997.519	5371.882	2.933	3.653	200.099
1.000	14.599			
1/4/2016 5:14:45 AM	328485.268	146.268	21.358	333.391
4998.732	5372.490	2.934	3.653	200.051
1.000	14.598			
1/4/2016 5:29:45 AM	329385.268	146.265	21.353	333.384
4998.947	5373.281	2.934	3.654	200.042
1.000	14.599			
1/4/2016 5:44:45 AM	330285.268	146.267	21.352	333.388
4999.504	5373.939	2.935	3.654	200.020

1.000	14.600			
1/4/2016 5:59:45 AM	331185.268	146.267	21.347	333.388
5001.592	5376.735	2.936	3.656	199.936
1.000	14.601			
1/4/2016 6:14:45 AM	332085.268	146.273	21.351	333.402
5002.307	5377.019	2.936	3.656	199.908
1.000	14.601			
1/4/2016 6:29:45 AM	332985.268	146.285	21.357	333.428
5004.500	5378.795	2.938	3.658	199.820
1.000	14.599			
1/4/2016 6:44:45 AM	333885.268	146.278	21.354	333.413
5003.174	5377.613	2.937	3.657	199.873
1.000	14.605			
1/4/2016 6:59:45 AM	334785.268	146.274	21.359	333.403
5004.735	5378.777	2.938	3.658	199.811
1.000	14.614			
1/4/2016 7:14:45 AM	335685.268	146.284	21.359	333.427
5004.640	5378.666	2.937	3.657	199.815
1.000	14.620			
1/4/2016 7:29:45 AM	336585.268	146.252	21.353	333.352
5005.630	5380.387	2.938	3.659	199.775
1.000	14.609			
1/4/2016 7:44:45 AM	337485.268	146.289	21.349	333.438
5006.054	5381.328	2.939	3.659	199.758
1.000	14.617			
1/4/2016 7:59:45 AM	338385.268	146.298	21.349	333.459
5006.806	5382.107	2.939	3.660	199.728
1.000	14.614			
1/4/2016 8:14:45 AM	339285.268	146.299	21.356	333.461
5008.354	5382.977	2.940	3.660	199.666
1.000	14.613			
1/4/2016 8:29:45 AM	340185.268	146.301	21.357	333.466
5009.181	5383.808	2.940	3.661	199.633
1.000	14.611			
1/4/2016 8:44:45 AM	341085.268	146.301	21.352	333.464
5008.073	5383.178	2.940	3.661	199.678
1.000	14.616			
1/4/2016 8:59:45 AM	341985.268	146.305	21.350	333.474
5010.833	5386.350	2.942	3.663	199.568
1.000	14.614			
1/4/2016 9:14:45 AM	342885.268	146.305	21.353	333.475
5010.560	5385.695	2.942	3.662	199.579
1.000	14.617			
1/4/2016 9:29:45 AM	343785.268	146.307	21.356	333.479
5012.334	5387.342	2.943	3.663	199.508
1.000	14.623			
1/4/2016 9:44:45 AM	344685.268	146.315	21.354	333.497
5011.839	5386.984	2.942	3.663	199.528
1.000	14.622			
1/4/2016 9:59:45 AM	345585.268	146.319	21.349	333.506
5012.252	5388.000	2.943	3.664	199.511
1.000	14.627			
1/4/2016 10:14:45 AM	346485.268	146.305	21.357	333.474
5013.508	5388.401	2.943	3.664	199.461
1.000	14.629			
1/4/2016 10:29:45 AM	347385.268	146.314	21.359	333.494

5012.632	5387.245	2.942	3.663	199.496
1.000	14.626			
1/4/2016 10:44:45 AM	348285.268	146.353	21.360	333.584
5012.886	5387.469	2.943	3.663	199.486
1.000	14.622			
1/4/2016 10:59:45 AM	349185.268	146.324	21.358	333.517
5013.286	5388.104	2.943	3.664	199.470
1.000	14.626			
1/4/2016 11:14:45 AM	350085.268	146.316	21.357	333.499
5013.876	5388.844	2.943	3.664	199.447
1.000	14.623			
1/4/2016 11:29:45 AM	350985.268	146.321	21.357	333.511
5014.161	5389.160	2.944	3.665	199.435
1.000	14.623			
1/4/2016 11:44:45 AM	351885.268	146.322	21.357	333.512
5014.550	5389.510	2.944	3.665	199.420
1.000	14.621			
1/4/2016 11:59:45 AM	352785.268	146.323	21.359	333.516
5014.835	5389.681	2.944	3.665	199.408
1.000	14.618			
1/4/2016 12:14:45 PM	353685.268	146.328	21.357	333.526
5015.095	5390.124	2.944	3.665	199.398
1.000	14.614			
1/4/2016 12:29:45 PM	354585.268	146.327	21.355	333.525
5015.936	5391.271	2.945	3.666	199.365
1.000	14.611			
1/4/2016 12:44:45 PM	355485.268	146.327	21.359	333.525
5015.713	5390.624	2.944	3.666	199.373
1.000	14.611			
1/4/2016 12:59:45 PM	356385.268	146.288	21.354	333.435
5016.488	5392.009	2.945	3.667	199.343
1.000	14.605			
1/4/2016 1:14:45 PM	357285.268	146.327	21.356	333.524
5015.699	5390.949	2.945	3.666	199.374
1.000	14.603			
1/4/2016 1:29:45 PM	358185.268	146.323	21.356	333.515
5016.805	5392.107	2.945	3.667	199.330
1.000	14.605			
1/4/2016 1:44:45 PM	359085.268	146.329	21.351	333.529
5017.130	5393.030	2.946	3.667	199.317
1.000	14.599			
1/4/2016 1:59:45 PM	359985.268	146.336	21.352	333.545
5018.294	5394.156	2.946	3.668	199.271
1.000	14.596			
1/4/2016 2:14:45 PM	360885.268	146.321	21.355	333.511
5018.282	5393.832	2.946	3.668	199.271
1.000	14.601			
1/4/2016 2:29:45 PM	361785.268	146.314	21.358	333.495
5018.494	5393.680	2.946	3.668	199.263
1.000	14.598			
1/4/2016 2:44:45 PM	362685.268	146.311	21.359	333.487
5019.238	5394.423	2.947	3.668	199.233
1.000	14.599			
1/4/2016 2:59:45 PM	363585.268	146.324	21.358	333.517
5020.061	5395.385	2.947	3.669	199.201
1.000	14.596			

1/4/2016 3:14:45 PM	364485.268	146.288	21.358	333.435
5020.014	5395.276	2.947	3.669	199.203
1.000	14.592			
1/4/2016 3:29:45 PM	365385.268	146.356	21.355	333.592
5019.798	5395.423	2.947	3.669	199.211
1.000	14.591			
1/4/2016 3:44:45 PM	366285.268	146.319	21.352	333.506
5020.628	5396.665	2.948	3.670	199.178
1.000	14.596			
1/4/2016 3:59:45 PM	367185.268	146.316	21.352	333.499
5021.438	5397.554	2.948	3.670	199.146
1.000	14.592			
1/4/2016 4:14:45 PM	368085.268	146.312	21.354	333.490
5021.605	5397.423	2.948	3.670	199.140
1.000	14.594			
1/4/2016 4:29:45 PM	368985.268	146.287	21.360	333.433
5022.777	5398.042	2.949	3.671	199.093
1.000	14.591			
1/4/2016 4:44:45 PM	369885.268	146.319	21.356	333.507
5022.040	5397.763	2.949	3.670	199.122
1.000	14.593			
1/4/2016 4:59:45 PM	370785.268	146.317	21.353	333.502
5022.094	5398.142	2.949	3.671	199.120
1.000	14.599			
1/4/2016 5:14:45 PM	371685.268	146.307	21.349	333.478
5021.440	5397.848	2.949	3.671	199.146
1.000	14.601			
1/4/2016 5:29:45 PM	372585.268	146.320	21.350	333.508
5022.397	5398.799	2.949	3.671	199.108
1.000	14.592			
1/4/2016 5:44:45 PM	373485.268	146.311	21.349	333.489
5022.046	5398.500	2.949	3.671	199.122
1.000	14.604			
1/4/2016 5:59:45 PM	374385.268	146.308	21.350	333.481
5022.824	5399.219	2.949	3.671	199.091
1.000	14.602			
1/4/2016 6:14:45 PM	375285.268	146.317	21.345	333.502
5023.195	5400.162	2.950	3.672	199.076
1.000	14.606			
1/4/2016 6:29:45 PM	376185.268	146.309	21.346	333.484
5022.991	5399.865	2.950	3.672	199.085
1.000	14.601			
1/4/2016 6:44:45 PM	377085.268	146.307	21.354	333.478
5023.855	5399.880	2.950	3.672	199.050
1.000	14.599			
1/4/2016 6:59:45 PM	377985.268	146.304	21.350	333.472
5023.890	5400.344	2.950	3.672	199.049
1.000	14.602			
1/4/2016 7:14:45 PM	378885.268	146.271	21.356	333.397
5024.850	5400.726	2.950	3.672	199.011
1.000	14.602			
1/4/2016 7:29:45 PM	379785.268	146.314	21.349	333.494
5023.941	5400.498	2.950	3.672	199.047
1.000	14.594			
1/4/2016 7:44:45 PM	380685.268	146.309	21.346	333.482
5024.030	5401.001	2.950	3.673	199.043

1.000	14.606			
1/4/2016 7:59:45 PM	381585.268	146.316	21.350	333.500
5024.224	5400.782	2.950	3.673	199.036
1.000	14.594			
1/4/2016 8:14:45 PM	382485.268	146.306	21.351	333.475
5024.014	5400.401	2.950	3.672	199.044
1.000	14.598			
1/4/2016 8:29:45 PM	383385.268	146.267	21.352	333.387
5024.498	5400.862	2.950	3.673	199.025
1.000	14.603			
1/4/2016 8:44:45 PM	384285.268	146.315	21.357	333.497
5025.555	5401.349	2.951	3.673	198.983
1.000	14.600			
1/4/2016 8:59:45 PM	385185.268	146.309	21.360	333.483
5025.373	5400.841	2.950	3.673	198.990
1.000	14.597			
1/4/2016 9:14:45 PM	386085.268	146.322	21.351	333.513
5025.063	5401.547	2.951	3.673	199.002
1.000	14.595			
1/4/2016 9:29:45 PM	386985.268	146.315	21.350	333.498
5024.357	5400.827	2.950	3.673	199.030
1.000	14.595			
1/4/2016 9:44:45 PM	387885.268	146.319	21.349	333.505
5024.399	5401.077	2.950	3.673	199.029
1.000	14.595			
1/4/2016 9:59:45 PM	388785.268	146.321	21.351	333.510
5024.029	5400.455	2.950	3.672	199.043
1.000	14.587			
1/4/2016 10:14:45 PM	389685.268	146.316	21.350	333.500
5024.403	5400.945	2.950	3.673	199.029
1.000	14.589			
1/4/2016 10:29:45 PM	390585.268	146.315	21.351	333.497
5024.846	5401.305	2.951	3.673	199.011
1.000	14.587			
1/4/2016 10:44:45 PM	391485.268	146.320	21.351	333.509
5024.088	5400.433	2.950	3.672	199.041
1.000	14.588			
1/4/2016 10:59:45 PM	392385.268	146.291	21.348	333.442
5023.948	5400.631	2.950	3.672	199.047
1.000	14.583			
1/4/2016 11:14:45 PM	393285.268	146.329	21.348	333.529
5022.733	5399.402	2.950	3.672	199.095
1.000	14.584			
1/4/2016 11:29:45 PM	394185.268	146.330	21.346	333.530
5023.243	5400.126	2.950	3.672	199.075
1.000	14.583			
1/4/2016 11:44:45 PM	395085.268	146.331	21.347	333.533
5023.937	5400.784	2.950	3.673	199.047
1.000	14.584			
1/4/2016 11:59:45 PM	395985.268	146.327	21.349	333.525
5023.720	5400.318	2.950	3.672	199.056
1.000	14.579			
1/5/2016 12:14:45 AM	396885.268	146.333	21.345	333.538
5023.177	5400.152	2.950	3.672	199.077
1.000	14.570			
1/5/2016 12:29:45 AM	397785.268	146.350	21.346	333.576

5024.396	5401.336	2.951	3.673	199.029
1.000	14.570			
1/5/2016 12:44:45 AM	398685.268	146.336	21.349	333.545
5023.925	5400.500	2.950	3.672	199.048
1.000	14.575			
1/5/2016 12:59:45 AM	399585.268	146.341	21.348	333.556
5023.738	5400.435	2.950	3.672	199.055
1.000	14.568			
1/5/2016 1:14:45 AM	400485.268	146.337	21.349	333.548
5023.604	5400.135	2.950	3.672	199.060
1.000	14.569			
1/5/2016 1:29:45 AM	401385.268	146.339	21.351	333.552
5024.499	5400.970	2.950	3.673	199.025
1.000	14.566			
1/5/2016 1:44:45 AM	402285.268	146.339	21.348	333.551
5023.637	5400.325	2.950	3.672	199.059
1.000	14.568			
1/5/2016 1:59:45 AM	403185.268	146.342	21.357	333.560
5024.553	5400.319	2.950	3.672	199.023
1.000	14.568			
1/5/2016 2:14:45 AM	404085.268	146.343	21.359	333.561
5024.301	5399.854	2.950	3.672	199.033
1.000	14.562			
1/5/2016 2:29:45 AM	404985.268	146.365	21.350	333.612
5023.943	5400.382	2.950	3.672	199.047
1.000	14.559			
1/5/2016 2:44:45 AM	405885.268	146.344	21.351	333.562
5024.301	5400.709	2.950	3.672	199.033
1.000	14.562			
1/5/2016 2:59:45 AM	406785.268	146.356	21.352	333.590
5024.450	5400.763	2.950	3.673	199.027
1.000	14.559			
1/5/2016 3:14:45 AM	407685.268	146.356	21.358	333.591
5024.984	5400.656	2.950	3.672	199.006
1.000	14.552			
1/5/2016 3:29:45 AM	408585.268	146.354	21.358	333.586
5024.054	5399.687	2.950	3.672	199.042
1.000	14.552			
1/5/2016 3:44:45 AM	409485.268	146.409	21.350	333.710
5024.100	5400.638	2.950	3.672	199.041
1.000	14.543			
1/5/2016 3:59:45 AM	410385.268	146.370	21.349	333.623
5024.562	5401.165	2.951	3.673	199.022
1.000	14.540			
1/5/2016 4:14:45 AM	411285.268	146.362	21.353	333.604
5024.600	5400.816	2.950	3.673	199.021
1.000	14.544			
1/5/2016 4:29:45 AM	412185.268	146.330	21.354	333.530
5025.490	5401.657	2.951	3.673	198.986
1.000	14.539			
1/5/2016 4:44:45 AM	413085.268	146.372	21.350	333.627
5024.588	5401.076	2.950	3.673	199.021
1.000	14.549			
1/5/2016 4:59:45 AM	413985.268	146.375	21.348	333.633
5024.678	5401.425	2.951	3.673	199.018
1.000	14.541			

1/5/2016 5:14:45 AM	414885.268	146.384	21.348	333.655
5024.720	5401.441	2.951	3.673	199.016
1.000	14.543			
1/5/2016 5:29:45 AM	415785.268	146.392	21.356	333.673
5025.769	5401.782	2.951	3.673	198.975
1.000	14.543			
1/5/2016 5:44:45 AM	416685.268	146.399	21.353	333.688
5024.581	5400.787	2.950	3.673	199.022
1.000	14.541			
1/5/2016 5:59:45 AM	417585.268	146.401	21.352	333.692
5025.588	5401.957	2.951	3.673	198.982
1.000	14.540			
1/5/2016 6:14:45 AM	418485.268	146.408	21.360	333.709
5026.450	5402.047	2.951	3.673	198.948
1.000	14.535			
1/5/2016 6:29:45 AM	419385.268	146.399	21.355	333.688
5026.550	5402.680	2.951	3.674	198.944
1.000	14.541			
1/5/2016 6:44:45 AM	420285.268	146.366	21.356	333.614
5026.142	5402.132	2.951	3.673	198.960
1.000	14.545			
1/5/2016 6:59:45 AM	421185.268	146.422	21.347	333.741
5024.905	5401.757	2.951	3.673	199.009
1.000	14.543			
1/5/2016 7:14:45 AM	422085.268	146.412	21.347	333.717
5025.160	5402.109	2.951	3.673	198.999
1.000	14.556			
1/5/2016 7:29:45 AM	422985.268	146.422	21.351	333.742
5023.945	5400.336	2.950	3.672	199.047
1.000	14.550			
1/5/2016 7:44:45 AM	423885.268	146.433	21.349	333.766
5026.413	5403.174	2.952	3.674	198.949
1.000	14.553			
1/5/2016 7:59:45 AM	424785.268	146.424	21.352	333.746
5026.757	5403.262	2.952	3.674	198.935
1.000	14.553			
1/5/2016 8:14:45 AM	425685.268	146.437	21.355	333.775
5027.436	5403.671	2.952	3.674	198.909
1.000	14.555			
1/5/2016 8:29:45 AM	426585.268	146.428	21.358	333.754
5027.837	5403.713	2.952	3.675	198.893
1.000	14.563			
1/5/2016 8:44:45 AM	427485.268	146.437	21.356	333.775
5027.243	5403.316	2.952	3.674	198.916
1.000	14.559			
1/5/2016 8:59:45 AM	428385.268	146.480	21.352	333.873
5027.161	5403.658	2.952	3.674	198.919
1.000	14.560			
1/5/2016 9:14:45 AM	429285.268	146.445	21.350	333.792
5026.992	5403.728	2.952	3.675	198.926
1.000	14.567			
1/5/2016 9:29:45 AM	430185.268	146.453	21.354	333.811
5028.680	5405.095	2.953	3.675	198.859
1.000	14.566			
1/5/2016 9:44:45 AM	431085.268	146.453	21.351	333.811
5027.627	5404.304	2.952	3.675	198.901

1.000	14.567			
1/5/2016 9:59:45 AM	431985.268	146.446	21.357	333.795
5029.233	5405.350	2.953	3.676	198.837
1.000	14.580			
1/5/2016 10:14:45 AM	432885.268	146.413	21.356	333.721
5029.618	5405.831	2.953	3.676	198.822
1.000	14.579			
1/5/2016 10:29:45 AM	433785.268	146.447	21.360	333.797
5030.190	5406.058	2.953	3.676	198.800
1.000	14.591			
1/5/2016 10:44:45 AM	434685.268	146.453	21.356	333.811
5029.101	5405.285	2.953	3.676	198.843
1.000	14.590			
1/5/2016 10:59:45 AM	435585.268	146.451	21.354	333.808
5029.504	5405.914	2.953	3.676	198.827
1.000	14.588			
1/5/2016 11:14:45 AM	436485.268	146.450	21.353	333.805
5029.941	5406.549	2.954	3.676	198.809
1.000	14.590			
1/5/2016 11:29:45 AM	437385.268	146.450	21.350	333.805
5029.167	5406.095	2.953	3.676	198.840
1.000	14.590			
1/5/2016 11:44:45 AM	438285.268	146.453	21.350	333.812
5029.425	5406.294	2.954	3.676	198.830
1.000	14.597			
1/5/2016 11:59:45 AM	439185.268	146.464	21.352	333.837
5030.181	5406.884	2.954	3.677	198.800
1.000	14.589			
1/5/2016 12:14:45 PM	440085.268	146.471	21.351	333.852
5030.716	5407.557	2.954	3.677	198.779
1.000	14.593			
1/5/2016 12:29:45 PM	440985.268	146.465	21.352	333.838
5030.922	5407.691	2.954	3.677	198.771
1.000	14.594			
1/5/2016 12:44:45 PM	441885.268	146.471	21.353	333.853
5031.171	5407.890	2.954	3.677	198.761
1.000	14.594			
1/5/2016 12:59:45 PM	442785.268	146.462	21.351	333.832
5030.840	5407.738	2.954	3.677	198.774
1.000	14.594			
1/5/2016 1:14:45 PM	443685.268	146.459	21.360	333.825
5032.188	5408.214	2.955	3.678	198.721
1.000	14.607			
1/5/2016 1:29:45 PM	444585.268	146.461	21.361	333.830
5033.396	5409.375	2.955	3.678	198.673
1.000	14.604			
1/5/2016 1:44:45 PM	445485.268	146.458	21.361	333.823
5031.627	5407.426	2.954	3.677	198.743
1.000	14.606			
1/5/2016 1:59:45 PM	446385.268	146.456	21.354	333.818
5031.999	5408.652	2.955	3.678	198.728
1.000	14.608			
1/5/2016 2:14:45 PM	447285.268	146.454	21.351	333.815
5031.395	5408.286	2.955	3.678	198.752
1.000	14.609			
1/5/2016 2:29:45 PM	448185.268	146.459	21.349	333.825

5031.196	5408.306	2.955	3.678	198.760
1.000	14.608			
1/5/2016 2:44:45 PM	449085.268	146.455	21.351	333.816
5031.845	5408.771	2.955	3.678	198.734
1.000	14.612			
1/5/2016 2:59:45 PM	449985.268	146.455	21.351	333.817
5031.643	5408.563	2.955	3.678	198.742
1.000	14.608			
1/5/2016 3:14:45 PM	450885.268	146.459	21.347	333.825
5031.827	5409.237	2.955	3.678	198.735
1.000	14.613			
1/5/2016 3:29:45 PM	451785.268	146.459	21.349	333.826
5032.500	5409.766	2.956	3.679	198.708
1.000	14.615			
1/5/2016 3:44:45 PM	452685.268	146.414	21.350	333.722
5032.050	5409.185	2.955	3.678	198.726
1.000	14.617			
1/5/2016 3:59:45 PM	453585.268	146.451	21.354	333.808
5032.881	5409.581	2.955	3.679	198.693
1.000	14.622			
1/5/2016 4:14:45 PM	454485.268	146.449	21.355	333.803
5032.409	5409.016	2.955	3.678	198.712
1.000	14.622			
1/5/2016 4:29:45 PM	455385.268	146.444	21.352	333.791
5032.210	5409.045	2.955	3.678	198.720
1.000	14.625			
1/5/2016 4:44:45 PM	456285.268	146.445	21.353	333.792
5033.431	5410.348	2.956	3.679	198.672
1.000	14.626			
1/5/2016 4:59:45 PM	457185.268	146.438	21.355	333.778
5033.037	5409.632	2.955	3.679	198.687
1.000	14.633			
1/5/2016 5:14:45 PM	458085.268	146.441	21.362	333.783
5033.963	5409.908	2.956	3.679	198.651
1.000	14.628			
1/5/2016 5:29:45 PM	458985.268	146.437	21.352	333.775
5033.021	5409.995	2.956	3.679	198.688
1.000	14.640			
1/5/2016 5:44:45 PM	459885.268	146.433	21.355	333.767
5032.777	5409.333	2.955	3.678	198.697
1.000	14.636			
1/5/2016 5:59:45 PM	460785.268	146.437	21.353	333.774
5032.218	5409.015	2.955	3.678	198.720
1.000	14.639			
1/5/2016 6:14:45 PM	461685.268	146.430	21.354	333.759
5033.326	5410.108	2.956	3.679	198.676
1.000	14.642			
1/5/2016 6:29:45 PM	462585.268	146.423	21.351	333.743
5032.158	5409.184	2.955	3.678	198.722
1.000	14.647			
1/5/2016 6:44:45 PM	463485.268	146.431	21.354	333.762
5032.911	5409.623	2.955	3.679	198.692
1.000	14.643			
1/5/2016 6:59:45 PM	464385.268	146.467	21.355	333.843
5032.533	5409.062	2.955	3.678	198.707
1.000	14.645			

1/5/2016 7:14:45 PM	465285.268	146.430	21.350	333.759
5032.608	5409.756	2.956	3.679	198.704
1.000	14.645			
1/5/2016 7:29:45 PM	466185.268	146.421	21.353	333.738
5033.652	5410.526	2.956	3.679	198.663
1.000	14.649			
1/5/2016 7:44:45 PM	467085.268	146.426	21.349	333.750
5032.501	5409.757	2.956	3.679	198.708
1.000	14.650			
1/5/2016 7:59:45 PM	467985.268	146.430	21.348	333.760
5031.826	5409.157	2.955	3.678	198.735
1.000	14.650			
1/5/2016 8:14:45 PM	468885.268	146.421	21.347	333.740
5032.081	5409.569	2.955	3.679	198.725
1.000	14.654			
1/5/2016 8:29:45 PM	469785.268	146.421	21.354	333.738
5032.928	5409.613	2.955	3.679	198.691
1.000	14.652			
1/5/2016 8:44:45 PM	470685.268	146.428	21.350	333.754
5032.392	5409.523	2.955	3.678	198.713
1.000	14.657			
1/5/2016 8:59:45 PM	471585.268	146.422	21.350	333.742
5032.006	5409.089	2.955	3.678	198.728
1.000	14.665			
1/5/2016 9:14:45 PM	472485.268	146.422	21.354	333.741
5033.619	5410.365	2.956	3.679	198.664
1.000	14.671			
1/5/2016 9:29:45 PM	473385.268	146.427	21.354	333.753
5033.067	5409.782	2.956	3.679	198.686
1.000	14.667			
1/5/2016 9:44:45 PM	474285.268	146.415	21.360	333.725
5033.679	5409.777	2.956	3.679	198.662
1.000	14.674			
1/5/2016 9:59:45 PM	475185.268	146.422	21.364	333.740
5035.050	5410.803	2.956	3.679	198.608
1.000	14.670			
1/5/2016 10:14:45 PM	476085.268	146.429	21.355	333.758
5033.174	5409.829	2.956	3.679	198.682
1.000	14.670			
1/5/2016 10:29:45 PM	476985.268	146.469	21.357	333.849
5033.771	5410.247	2.956	3.679	198.658
1.000	14.666			
1/5/2016 10:44:45 PM	477885.268	146.433	21.351	333.767
5032.523	5409.566	2.955	3.679	198.707
1.000	14.670			
1/5/2016 10:59:45 PM	478785.268	146.438	21.346	333.776
5032.222	5409.808	2.956	3.679	198.719
1.000	14.668			
1/5/2016 11:14:45 PM	479685.268	146.430	21.343	333.759
5031.168	5408.976	2.955	3.678	198.761
1.000	14.672			
1/5/2016 11:29:45 PM	480585.268	146.440	21.343	333.782
5031.803	5409.688	2.955	3.679	198.736
1.000	14.666			
1/5/2016 11:44:45 PM	481485.268	146.446	21.342	333.795
5031.979	5409.954	2.956	3.679	198.729

1.000	14.663			
1/5/2016 11:59:45 PM	482385.268	146.439	21.345	333.781
5033.015	5410.776	2.956	3.679	198.688
1.000	14.662			
1/6/2016 12:14:45 AM	483285.268	146.455	21.344	333.816
5032.496	5410.336	2.956	3.679	198.709
1.000	14.655			
1/6/2016 12:29:45 AM	484185.268	146.453	21.343	333.812
5031.638	5409.530	2.955	3.678	198.742
1.000	14.654			
1/6/2016 12:44:45 AM	485085.268	146.440	21.345	333.782
5032.073	5409.735	2.956	3.679	198.725
1.000	14.654			
1/6/2016 12:59:45 AM	485985.268	146.443	21.357	333.788
5033.874	5410.347	2.956	3.679	198.654
1.000	14.655			
1/6/2016 1:14:45 AM	486885.268	146.446	21.360	333.796
5033.605	5409.717	2.956	3.679	198.665
1.000	14.648			
1/6/2016 1:29:45 AM	487785.268	146.455	21.352	333.815
5033.941	5410.926	2.956	3.679	198.652
1.000	14.639			
1/6/2016 1:44:45 AM	488685.268	146.410	21.350	333.714
5032.848	5409.994	2.956	3.679	198.695
1.000	14.642			
1/6/2016 1:59:45 AM	489585.268	146.457	21.359	333.820
5034.340	5410.643	2.956	3.679	198.636
1.000	14.634			
1/6/2016 2:14:45 AM	490485.268	146.461	21.353	333.830
5033.164	5410.022	2.956	3.679	198.682
1.000	14.630			
1/6/2016 2:29:45 AM	491385.268	146.481	21.357	333.876
5034.538	5411.003	2.956	3.679	198.628
1.000	14.632			
1/6/2016 2:44:45 AM	492285.268	146.504	21.360	333.928
5035.599	5411.860	2.957	3.680	198.586
1.000	14.619			
1/6/2016 2:59:45 AM	493185.268	146.459	21.357	333.825
5034.724	5411.280	2.956	3.680	198.621
1.000	14.620			
1/6/2016 3:14:45 AM	494085.268	146.467	21.351	333.843
5032.698	5409.716	2.956	3.679	198.701
1.000	14.609			
1/6/2016 3:29:45 AM	494985.268	146.475	21.349	333.861
5034.017	5411.426	2.957	3.680	198.649
1.000	14.600			
1/6/2016 3:44:45 AM	495885.268	146.473	21.347	333.857
5033.725	5411.248	2.956	3.680	198.660
1.000	14.598			
1/6/2016 3:59:45 AM	496785.268	146.479	21.349	333.870
5034.165	5411.506	2.957	3.680	198.643
1.000	14.591			
1/6/2016 4:14:45 AM	497685.268	146.476	21.356	333.864
5034.374	5410.980	2.956	3.679	198.634
1.000	14.589			
1/6/2016 4:29:45 AM	498585.268	146.474	21.361	333.859

5035.978	5412.190	2.957	3.680	198.571
1.000	14.586			
1/6/2016 4:44:45 AM	499485.268	146.486	21.350	333.888
5034.851	5412.175	2.957	3.680	198.616
1.000	14.583			
1/6/2016 4:59:45 AM	500385.268	146.482	21.357	333.877
5035.919	5412.545	2.957	3.681	198.573
1.000	14.581			
1/6/2016 5:14:45 AM	501285.268	146.495	21.355	333.908
5034.655	5411.392	2.957	3.680	198.623
1.000	14.582			
1/6/2016 5:29:45 AM	502185.268	146.500	21.350	333.919
5035.970	5413.359	2.958	3.681	198.571
1.000	14.592			
1/6/2016 5:44:45 AM	503085.268	146.505	21.348	333.930
5034.570	5412.040	2.957	3.680	198.627
1.000	14.593			
1/6/2016 5:59:45 AM	503985.268	146.513	21.350	333.949
5035.148	5412.456	2.957	3.680	198.604
1.000	14.598			
1/6/2016 6:14:45 AM	504885.268	146.506	21.356	333.932
5035.983	5412.761	2.957	3.681	198.571
1.000	14.604			
1/6/2016 6:29:45 AM	505785.268	146.513	21.351	333.949
5036.869	5414.199	2.958	3.682	198.536
1.000	14.593			
1/6/2016 6:44:45 AM	506685.268	146.523	21.348	333.972
5036.084	5413.715	2.958	3.681	198.567
1.000	14.585			
1/6/2016 6:59:45 AM	507585.268	146.524	21.348	333.973
5035.511	5413.138	2.958	3.681	198.590
1.000	14.584			
1/6/2016 7:14:45 AM	508485.268	146.528	21.357	333.983
5037.218	5413.941	2.958	3.681	198.522
1.000	14.581			
1/6/2016 7:29:45 AM	509385.268	146.513	21.359	333.948
5038.324	5414.936	2.959	3.682	198.479
1.000	14.589			
1/6/2016 7:44:45 AM	510285.268	146.541	21.358	334.013
5037.343	5413.988	2.958	3.682	198.517
1.000	14.587			
1/6/2016 7:59:45 AM	511185.268	146.526	21.361	333.977
5039.054	5415.496	2.959	3.683	198.450
1.000	14.585			
1/6/2016 8:14:45 AM	512085.268	146.545	21.356	334.022
5037.930	5414.794	2.958	3.682	198.494
1.000	14.594			
1/6/2016 8:29:45 AM	512985.268	146.545	21.351	334.021
5037.583	5415.034	2.959	3.682	198.508
1.000	14.603			
1/6/2016 8:44:45 AM	513885.268	146.536	21.355	334.001
5038.212	5415.195	2.959	3.682	198.483
1.000	14.604			
1/6/2016 8:59:45 AM	514785.268	146.540	21.359	334.010
5038.530	5415.146	2.959	3.682	198.471
1.000	14.599			

1/6/2016 9:14:45 AM	515685.268	146.540	21.357	334.010
5039.148	5416.054	2.959	3.683	198.446
1.000	14.612			
1/6/2016 9:29:45 AM	516585.268	146.555	21.354	334.045
5039.013	5416.211	2.959	3.683	198.452
1.000	14.609			
1/6/2016 9:44:45 AM	517485.268	146.546	21.353	334.024
5038.313	5415.595	2.959	3.683	198.479
1.000	14.614			
1/6/2016 9:59:45 AM	518385.268	146.551	21.351	334.034
5038.361	5415.793	2.959	3.683	198.477
1.000	14.617			
1/6/2016 10:14:45 AM	519285.268	146.551	21.358	334.035
5039.740	5416.574	2.960	3.683	198.423
1.000	14.614			
1/6/2016 10:29:45 AM	520185.268	146.560	21.352	334.055
5039.173	5416.598	2.960	3.683	198.445
1.000	14.608			
1/6/2016 10:44:45 AM	521085.268	146.593	21.349	334.130
5038.855	5416.588	2.960	3.683	198.458
1.000	14.616			
1/6/2016 10:59:45 AM	521985.268	146.560	21.357	334.056
5039.861	5416.811	2.960	3.683	198.418
1.000	14.613			
1/6/2016 11:14:45 AM	522885.268	146.571	21.347	334.080
5038.712	5416.638	2.960	3.683	198.463
1.000	14.607			
1/6/2016 11:29:45 AM	523785.268	146.567	21.351	334.071
5040.515	5418.128	2.960	3.684	198.392
1.000	14.609			
1/6/2016 11:44:45 AM	524685.268	146.577	21.350	334.095
5039.984	5417.685	2.960	3.684	198.413
1.000	14.603			
1/6/2016 11:59:45 AM	525585.268	146.578	21.348	334.096
5041.622	5419.678	2.961	3.685	198.349
1.000	14.596			
1/6/2016 12:14:45 PM	526485.268	146.578	21.349	334.096
5041.317	5419.234	2.961	3.685	198.361
1.000	14.594			
1/6/2016 12:29:45 PM	527385.268	146.577	21.349	334.093
5040.457	5418.270	2.960	3.684	198.395
1.000	14.595			
1/6/2016 12:44:45 PM	528285.268	146.574	21.356	334.088
5042.297	5419.468	2.961	3.685	198.322
1.000	14.596			
1/6/2016 12:59:45 PM	529185.268	146.579	21.354	334.098
5041.914	5419.291	2.961	3.685	198.337
1.000	14.596			
1/6/2016 1:14:45 PM	530085.268	146.614	21.354	334.179
5042.150	5419.603	2.961	3.685	198.328
1.000	14.591			
1/6/2016 1:29:45 PM	530985.268	146.579	21.357	334.098
5042.909	5420.039	2.962	3.686	198.298
1.000	14.590			
1/6/2016 1:44:45 PM	531885.268	146.574	21.360	334.088
5042.649	5419.447	2.961	3.685	198.308

1.000	14.597			
1/6/2016 1:59:45 PM	532785.268	146.586	21.352	334.114
5042.612	5420.295	2.962	3.686	198.310
1.000	14.592			
1/6/2016 2:14:45 PM	533685.268	146.572	21.354	334.083
5043.271	5420.779	2.962	3.686	198.284
1.000	14.588			
1/6/2016 2:29:45 PM	534585.268	146.572	21.359	334.083
5043.796	5420.787	2.962	3.686	198.263
1.000	14.586			
1/6/2016 2:44:45 PM	535485.268	146.535	21.354	333.999
5043.333	5420.845	2.962	3.686	198.282
1.000	14.588			
1/6/2016 2:59:45 PM	536385.268	146.578	21.351	334.097
5043.702	5421.516	2.962	3.687	198.267
1.000	14.587			
1/6/2016 3:14:45 PM	537285.268	146.575	21.351	334.091
5042.949	5420.734	2.962	3.686	198.297
1.000	14.591			
1/6/2016 3:29:45 PM	538185.268	146.575	21.350	334.089
5043.550	5421.488	2.962	3.687	198.273
1.000	14.593			
1/6/2016 3:44:45 PM	539085.268	146.575	21.349	334.089
5044.313	5422.397	2.963	3.687	198.243
1.000	14.591			
1/6/2016 3:59:45 PM	539985.268	146.572	21.349	334.084
5044.167	5422.318	2.963	3.687	198.249
1.000	14.591			
1/6/2016 4:14:45 PM	540885.268	146.564	21.350	334.065
5045.793	5423.967	2.964	3.688	198.185
1.000	14.588			
1/6/2016 4:29:45 PM	541785.268	146.558	21.355	334.051
5045.579	5423.181	2.963	3.688	198.193
1.000	14.597			
1/6/2016 4:44:45 PM	542685.268	146.560	21.351	334.056
5045.804	5423.861	2.964	3.688	198.184
1.000	14.593			
1/6/2016 4:59:45 PM	543585.268	146.555	21.352	334.044
5045.501	5423.362	2.963	3.688	198.196
1.000	14.598			
1/6/2016 5:14:45 PM	544485.268	146.551	21.356	334.036
5045.504	5422.915	2.963	3.688	198.196
1.000	14.593			
1/6/2016 5:29:45 PM	545385.268	146.556	21.357	334.047
5045.913	5423.306	2.963	3.688	198.180
1.000	14.593			
1/6/2016 5:44:45 PM	546285.268	146.518	21.350	333.959
5044.688	5422.730	2.963	3.687	198.228
1.000	14.596			
1/6/2016 5:59:45 PM	547185.268	146.547	21.354	334.026
5046.057	5423.706	2.964	3.688	198.175
1.000	14.594			
1/6/2016 6:14:45 PM	548085.268	146.545	21.352	334.020
5046.225	5424.130	2.964	3.688	198.168
1.000	14.601			
1/6/2016 6:29:45 PM	548985.268	146.541	21.350	334.012

5046.255	5424.396	2.964	3.689	198.167
1.000	14.606			
1/6/2016 6:44:45 PM	549885.268	146.543	21.348	334.016
5044.592	5422.891	2.963	3.688	198.232
1.000	14.603			
1/6/2016 6:59:45 PM	550785.268	146.543	21.345	334.017
5044.453	5423.053	2.963	3.688	198.238
1.000	14.606			
1/6/2016 7:14:45 PM	551685.268	146.534	21.351	333.997
5046.206	5424.225	2.964	3.688	198.169
1.000	14.603			
1/6/2016 7:29:45 PM	552585.268	146.531	21.350	333.990
5044.730	5422.796	2.963	3.688	198.227
1.000	14.605			
1/6/2016 7:44:45 PM	553485.268	146.531	21.345	333.989
5045.188	5423.854	2.964	3.688	198.209
1.000	14.611			
1/6/2016 7:59:45 PM	554385.268	146.529	21.347	333.985
5045.187	5423.608	2.964	3.688	198.209
1.000	14.608			
1/6/2016 8:14:45 PM	555285.268	146.527	21.353	333.979
5047.346	5425.256	2.965	3.689	198.124
1.000	14.608			
1/6/2016 8:29:45 PM	556185.268	146.534	21.349	333.997
5045.809	5423.995	2.964	3.688	198.184
1.000	14.608			
1/6/2016 8:44:45 PM	557085.268	146.519	21.356	333.962
5045.823	5423.248	2.963	3.688	198.184
1.000	14.620			
1/6/2016 8:59:45 PM	557985.268	146.528	21.355	333.983
5046.457	5424.096	2.964	3.688	198.159
1.000	14.615			
1/6/2016 9:14:45 PM	558885.268	146.523	21.358	333.972
5046.499	5423.760	2.964	3.688	198.157
1.000	14.615			
1/6/2016 9:29:45 PM	559785.268	146.527	21.356	333.981
5046.798	5424.286	2.964	3.689	198.145
1.000	14.618			
1/6/2016 9:44:45 PM	560685.268	146.570	21.352	334.077
5045.126	5423.036	2.963	3.688	198.211
1.000	14.616			
1/6/2016 9:59:45 PM	561585.268	146.518	21.359	333.961
5046.642	5423.864	2.964	3.688	198.152
1.000	14.623			
1/6/2016 10:14:45 PM	562485.268	146.532	21.355	333.991
5046.687	5424.283	2.964	3.689	198.150
1.000	14.619			
1/6/2016 10:29:45 PM	563385.268	146.530	21.356	333.986
5047.020	5424.593	2.964	3.689	198.137
1.000	14.629			
1/6/2016 10:44:45 PM	564285.268	146.542	21.358	334.015
5047.733	5425.117	2.964	3.689	198.109
1.000	14.623			
1/6/2016 10:59:45 PM	565185.268	146.519	21.362	333.963
5046.979	5423.895	2.964	3.688	198.138
1.000	14.634			

1/6/2016 11:14:45 PM	566085.268	146.536	21.351	334.001
5046.067	5424.058	2.964	3.688	198.174
1.000	14.629			
1/6/2016 11:29:45 PM	566985.268	146.542	21.348	334.016
5045.793	5424.153	2.964	3.688	198.185
1.000	14.629			
1/6/2016 11:44:45 PM	567885.268	146.544	21.353	334.019
5046.620	5424.476	2.964	3.689	198.152
1.000	14.629			
1/6/2016 11:59:45 PM	568785.268	146.534	21.357	333.995
5047.281	5424.767	2.964	3.689	198.126
1.000	14.633			

Serial_number:

1071288

Project ID:

MPWSP TSW Long Term

Location:

MPWSP MW-5M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/31/2015	0:00:00		0 90.28	17.1	1178.8
12/31/2015	0:15:00		0 90.283	17.1	1178.8
12/31/2015	0:30:00		0 90.248	17.1	1178.8
12/31/2015	0:45:00		0 90.291	17.1	1175.4
12/31/2015	1:00:00		0 90.254	17.1	1177.7
12/31/2015	1:15:00		0 90.295	17.1	1175.4
12/31/2015	1:30:00		0 90.235	17.1	1177.7
12/31/2015	1:45:00		0 90.271	17.1	1175.4
12/31/2015	2:00:00		0 90.289	17.1	1176.5
12/31/2015	2:15:00		0 90.269	17.1	1180
12/31/2015	2:30:00		0 90.285	17.1	1169.6
12/31/2015	2:45:00		0 90.283	17.1	1177.7
12/31/2015	3:00:00		0 90.268	17.1	1171.9
12/31/2015	3:15:00		0 90.29	17.1	1177.7
12/31/2015	3:30:00		0 90.231	17.1	1181.2
12/31/2015	3:45:00		0 90.272	17.1	1177.7
12/31/2015	4:00:00		0 90.277	17.1	1178.8
12/31/2015	4:15:00		0 90.258	17.1	1180
12/31/2015	4:30:00		0 90.279	17.1	1171.9
12/31/2015	4:45:00		0 90.298	17.1	1180
12/31/2015	5:00:00		0 90.282	17.1	1171.9
12/31/2015	5:15:00		0 90.26	17.1	1177.7
12/31/2015	5:30:00		0 90.278	17.1	1176.5
12/31/2015	5:45:00		0 90.3	17.1	1177.7
12/31/2015	6:00:00		0 90.323	17.1	1184.6
12/31/2015	6:15:00		0 90.286	17.1	1178.8
12/31/2015	6:30:00		0 90.266	17.1	1174.2
12/31/2015	6:45:00		0 90.262	17.1	1171.9
12/31/2015	7:00:00		0 90.299	17.1	1181.2
12/31/2015	7:15:00		0 90.302	17.1	1178.8
12/31/2015	7:30:00		0 90.317	17.1	1182.3

12/31/2015	7:45:00	0	90.281	17.1	1181.2
12/31/2015	8:00:00	0	90.301	17.1	1174.2
12/31/2015	8:15:00	0	90.27	17.1	1178.8
12/31/2015	8:30:00	0	90.283	17.1	1181.2
12/31/2015	8:45:00	0	90.275	17.1	1174.2
12/31/2015	9:00:00	0	90.271	17.1	1181.2
12/31/2015	9:15:00	0	90.283	17.1	1185.8
12/31/2015	9:30:00	0	90.277	17.1	1176.5
12/31/2015	9:45:00	0	90.296	17.1	1174.2
12/31/2015	10:00:00	0	90.208	17.1	1181.2
12/31/2015	10:15:00	0	90.287	17.1	1174.2
12/31/2015	10:30:00	0	90.288	17.1	1181.2
12/31/2015	10:45:00	0	90.254	17.1	1178.8
12/31/2015	11:00:00	0	90.298	17.1	1169.6
12/31/2015	11:15:00	0	90.261	17.1	1173.1
12/31/2015	11:30:00	0	90.246	17.1	1182.3
12/31/2015	11:45:00	0	90.272	17.1	1176.5
12/31/2015	12:00:00	0	90.262	17.1	1178.8
12/31/2015	12:15:00	0	90.274	17.1	1174.2
12/31/2015	12:30:00	0	90.287	17.1	1176.5
12/31/2015	12:45:00	0	90.314	17.1	1178.8
12/31/2015	13:00:00	0	90.262	17.1	1170.7
12/31/2015	13:15:00	0	90.286	17.1	1177.7
12/31/2015	13:30:00	0	90.311	17.1	1173.1
12/31/2015	13:45:00	0	90.279	17.1	1175.4
12/31/2015	14:00:00	0	90.305	17.1	1184.6
12/31/2015	14:15:00	0	90.292	17.1	1182.3
12/31/2015	14:30:00	0	90.275	17.1	1176.5
12/31/2015	14:45:00	0	90.315	17.1	1181.2
12/31/2015	15:00:00	0	90.282	17.1	1178.8
12/31/2015	15:15:00	0	90.288	17.1	1176.5
12/31/2015	15:30:00	0	90.273	17.1	1178.8
12/31/2015	15:45:00	0	90.316	17.1	1177.7
12/31/2015	16:00:00	0	90.295	17.1	1174.2
12/31/2015	16:15:00	0	90.276	17.1	1177.7
12/31/2015	16:30:00	0	90.293	17.1	1176.5
12/31/2015	16:45:00	0	90.313	17.1	1177.7
12/31/2015	17:00:00	0	90.312	17.1	1175.4
12/31/2015	17:15:00	0	90.291	17.1	1182.3
12/31/2015	17:30:00	0	90.29	17.1	1174.2
12/31/2015	17:45:00	0	90.308	17.1	1174.2
12/31/2015	18:00:00	0	90.324	17.1	1176.5
12/31/2015	18:15:00	0	90.307	17.1	1175.4
12/31/2015	18:30:00	0	90.286	17.1	1171.9
12/31/2015	18:45:00	0	90.268	17.1	1171.9
12/31/2015	19:00:00	0	90.287	17.1	1177.7
12/31/2015	19:15:00	0	90.283	17.1	1176.5

12/31/2015	19:30:00	0	90.284	17.1	1176.5
12/31/2015	19:45:00	0	90.282	17.1	1176.5
12/31/2015	20:00:00	0	90.257	17.1	1176.5
12/31/2015	20:15:00	0	90.262	17.1	1178.8
12/31/2015	20:30:00	0	90.304	17.1	1180
12/31/2015	20:45:00	0	90.304	17.1	1174.2
12/31/2015	21:00:00	0	90.248	17.1	1182.3
12/31/2015	21:15:00	0	90.25	17.1	1174.2
12/31/2015	21:30:00	0	90.253	17.1	1182.3
12/31/2015	21:45:00	0	90.295	17.1	1180
12/31/2015	22:00:00	0	90.279	17.1	1175.4
12/31/2015	22:15:00	0	90.3	17.1	1178.8
12/31/2015	22:30:00	0	90.277	17.1	1176.5
12/31/2015	22:45:00	0	90.281	17.1	1173.1
12/31/2015	23:00:00	0	90.268	17.1	1177.7
12/31/2015	23:15:00	0	90.276	17.1	1180
12/31/2015	23:30:00	0	90.261	17.1	1181.2
12/31/2015	23:45:00	0	90.281	17.1	1178.8
1/1/2016	0:00:00	0	90.282	17.1	1178.8
1/1/2016	0:15:00	0	90.267	17.1	1180
1/1/2016	0:30:00	0	90.269	17.1	1184.6
1/1/2016	0:45:00	0	90.276	17.1	1176.5
1/1/2016	1:00:00	0	90.3	17.1	1176.5
1/1/2016	1:15:00	0	90.281	17.1	1178.8
1/1/2016	1:30:00	0	90.299	17.1	1176.5
1/1/2016	1:45:00	0	90.28	17.1	1175.4
1/1/2016	2:00:00	0	90.257	17.1	1182.3
1/1/2016	2:15:00	0	90.312	17.1	1177.7
1/1/2016	2:30:00	0	90.29	17.1	1178.8
1/1/2016	2:45:00	0	90.29	17.1	1174.2
1/1/2016	3:00:00	0	90.252	17.1	1174.2
1/1/2016	3:15:00	0	90.277	17.1	1176.5
1/1/2016	3:30:00	0	90.279	17.1	1170.7
1/1/2016	3:45:00	0	90.284	17.1	1178.8
1/1/2016	4:00:00	0	90.247	17.1	1178.8
1/1/2016	4:15:00	0	90.287	17.1	1177.7
1/1/2016	4:30:00	0	90.255	17.1	1182.3
1/1/2016	4:45:00	0	90.296	17.1	1177.7
1/1/2016	5:00:00	0	90.31	17.1	1177.7
1/1/2016	5:15:00	0	90.269	17.1	1182.3
1/1/2016	5:30:00	0	90.307	17.1	1173.1
1/1/2016	5:45:00	0	90.283	17.1	1178.8
1/1/2016	6:00:00	0	90.316	17.1	1183.5
1/1/2016	6:15:00	0	90.292	17.1	1180
1/1/2016	6:30:00	0	90.305	17.1	1177.7
1/1/2016	6:45:00	0	90.3	17.1	1181.2
1/1/2016	7:00:00	0	90.277	17.1	1177.7

1/1/2016	7:15:00	0	90.3	17.1	1181.2
1/1/2016	7:30:00	0	90.278	17.1	1177.7
1/1/2016	7:45:00	0	90.315	17.1	1181.2
1/1/2016	8:00:00	0	90.313	17.1	1178.8
1/1/2016	8:15:00	0	90.285	17.1	1177.7
1/1/2016	8:30:00	0	90.296	17.1	1176.5
1/1/2016	8:45:00	0	90.27	17.1	1180
1/1/2016	9:00:00	0	90.263	17.1	1181.2
1/1/2016	9:15:00	0	90.279	17.1	1180
1/1/2016	9:30:00	0	90.288	17.1	1174.2
1/1/2016	9:45:00	0	90.304	17.1	1181.2
1/1/2016	10:00:00	0	90.279	17.1	1178.8
1/1/2016	10:15:00	0	90.296	17.1	1176.5
1/1/2016	10:30:00	0	90.252	17.1	1182.3
1/1/2016	10:45:00	0	90.255	17.1	1180
1/1/2016	11:00:00	0	90.26	17.1	1176.5
1/1/2016	11:15:00	0	90.246	17.1	1178.8
1/1/2016	11:30:00	0	90.269	17.1	1174.2
1/1/2016	11:45:00	0	90.233	17.1	1186.9
1/1/2016	12:00:00	0	90.262	17.1	1173.1
1/1/2016	12:15:00	0	90.29	17.1	1175.4
1/1/2016	12:30:00	0	90.311	17.1	1171.9
1/1/2016	12:45:00	0	90.276	17.1	1178.8
1/1/2016	13:00:00	0	90.299	17.1	1178.8
1/1/2016	13:15:00	0	90.306	17.1	1185.8
1/1/2016	13:30:00	0	90.27	17.1	1177.7
1/1/2016	13:45:00	0	90.271	17.1	1175.4
1/1/2016	14:00:00	0	90.296	17.1	1176.5
1/1/2016	14:15:00	0	90.295	17.1	1176.5
1/1/2016	14:30:00	0	90.315	17.1	1176.5
1/1/2016	14:45:00	0	90.293	17.1	1182.3
1/1/2016	15:00:00	0	90.258	17.1	1177.7
1/1/2016	15:15:00	0	90.258	17.1	1180
1/1/2016	15:30:00	0	90.277	17.1	1180
1/1/2016	15:45:00	0	90.3	17.1	1177.7
1/1/2016	16:00:00	0	90.281	17.1	1174.2
1/1/2016	16:15:00	0	90.263	17.1	1177.7
1/1/2016	16:30:00	0	90.304	17.1	1177.7
1/1/2016	16:45:00	0	90.267	17.1	1176.5
1/1/2016	17:00:00	0	90.287	17.1	1180
1/1/2016	17:15:00	0	90.27	17.1	1176.5
1/1/2016	17:30:00	0	90.311	17.1	1171.9
1/1/2016	17:45:00	0	90.294	17.1	1176.5
1/1/2016	18:00:00	0	90.275	17.1	1174.2
1/1/2016	18:15:00	0	90.29	17.1	1176.5
1/1/2016	18:30:00	0	90.248	17.1	1175.4
1/1/2016	18:45:00	0	90.27	17.1	1175.4

1/1/2016	19:00:00	0	90.288	17.1	1173.1
1/1/2016	19:15:00	0	90.305	17.1	1178.8
1/1/2016	19:30:00	0	90.286	17.1	1181.2
1/1/2016	19:45:00	0	90.265	17.1	1175.4
1/1/2016	20:00:00	0	90.298	17.1	1182.3
1/1/2016	20:15:00	0	90.298	17.1	1173.1
1/1/2016	20:30:00	0	90.314	17.1	1177.7
1/1/2016	20:45:00	0	90.292	17.1	1178.8
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1/1/2016	21:15:00	0	90.268	17.1	1178.8
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1/1/2016	21:45:00	0	90.308	17.1	1178.8
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1/1/2016	22:15:00	0	90.286	17.1	1180
1/1/2016	22:30:00	0	90.283	17.1	1176.5
1/1/2016	22:45:00	0	90.283	17.1	1180
1/1/2016	23:00:00	0	90.259	17.1	1170.7
1/1/2016	23:15:00	0	90.265	17.1	1171.9
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1/1/2016	23:45:00	0	90.289	17.1	1175.4
1/2/2016	0:00:00	0	90.292	17.1	1176.5
1/2/2016	0:15:00	0	90.253	17.1	1175.4
1/2/2016	0:30:00	0	90.322	17.1	1175.4
1/2/2016	0:45:00	0	90.284	17.1	1176.5
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1/2/2016	1:15:00	0	90.31	17.1	1183.5
1/2/2016	1:30:00	0	90.312	17.1	1178.8
1/2/2016	1:45:00	0	90.34	17.1	1182.3
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1/2/2016	2:15:00	0	90.302	17.1	1182.3
1/2/2016	2:30:00	0	90.321	17.1	1182.3
1/2/2016	2:45:00	0	90.317	17.1	1182.3
1/2/2016	3:00:00	0	90.276	17.1	1178.8
1/2/2016	3:15:00	0	90.279	17.1	1176.5
1/2/2016	3:30:00	0	90.286	17.1	1182.3
1/2/2016	3:45:00	0	90.308	17.1	1180
1/2/2016	4:00:00	0	90.309	17.1	1176.5
1/2/2016	4:15:00	0	90.292	17.1	1184.6
1/2/2016	4:30:00	0	90.297	17.1	1176.5
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1/2/2016	5:00:00	0	90.333	17.1	1177.7
1/2/2016	5:15:00	0	90.294	17.1	1174.2
1/2/2016	5:30:00	0	90.338	17.1	1181.2
1/2/2016	5:45:00	0	90.318	17.1	1173.1
1/2/2016	6:00:00	0	90.319	17.1	1174.2
1/2/2016	6:15:00	0	90.338	17.1	1178.8
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1/2/2016	6:45:00	0	90.335	17.1	1180
1/2/2016	7:00:00	0	90.337	17.1	1175.4
1/2/2016	7:15:00	0	90.319	17.1	1177.7
1/2/2016	7:30:00	0	90.299	17.1	1175.4
1/2/2016	7:45:00	0	90.3	17.1	1177.7
1/2/2016	8:00:00	0	90.317	17.1	1183.5
1/2/2016	8:15:00	0	90.313	17.1	1174.2
1/2/2016	8:30:00	0	90.314	17.1	1181.2
1/2/2016	8:45:00	0	90.368	17.1	1180
1/2/2016	9:00:00	0	90.326	17.1	1180
1/2/2016	9:15:00	0	90.329	17.1	1178.8
1/2/2016	9:30:00	0	90.35	17.1	1181.2
1/2/2016	9:45:00	0	90.314	17.1	1182.3
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1/2/2016	10:15:00	0	90.327	17.1	1178.8
1/2/2016	10:30:00	0	90.329	17.1	1181.2
1/2/2016	10:45:00	0	90.331	17.1	1182.3
1/2/2016	11:00:00	0	90.359	17.1	1169.6
1/2/2016	11:15:00	0	90.308	17.1	1182.3
1/2/2016	11:30:00	0	90.295	17.1	1176.5
1/2/2016	11:45:00	0	90.34	17.1	1178.8
1/2/2016	12:00:00	0	90.35	17.1	1181.2
1/2/2016	12:15:00	0	90.345	17.1	1177.7
1/2/2016	12:30:00	0	90.354	17.1	1171.9
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1/2/2016	13:00:00	0	90.347	17.1	1177.7
1/2/2016	13:15:00	0	90.331	17.1	1178.8
1/2/2016	13:30:00	0	90.358	17.1	1184.6
1/2/2016	13:45:00	0	90.338	17.1	1190.4
1/2/2016	14:00:00	0	90.36	17.1	1174.2
1/2/2016	14:15:00	0	90.321	17.1	1178.8
1/2/2016	14:30:00	0	90.339	17.1	1177.7
1/2/2016	14:45:00	0	90.363	17.1	1176.5
1/2/2016	15:00:00	0	90.33	17.1	1173.1
1/2/2016	15:15:00	0	90.358	17.1	1176.5
1/2/2016	15:30:00	0	90.343	17.1	1178.8
1/2/2016	15:45:00	0	90.341	17.1	1176.5
1/2/2016	16:00:00	0	90.324	17.1	1181.2
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1/2/2016	16:30:00	0	90.331	17.1	1186.9
1/2/2016	16:45:00	0	90.349	17.1	1181.2
1/2/2016	17:00:00	0	90.314	17.1	1177.7
1/2/2016	17:15:00	0	90.311	17.1	1174.2
1/2/2016	17:30:00	0	90.355	17.1	1182.3
1/2/2016	17:45:00	0	90.339	17.1	1182.3
1/2/2016	18:00:00	0	90.282	17.1	1178.8
1/2/2016	18:15:00	0	90.326	17.1	1178.8

1/2/2016	18:30:00	0	90.369	17.1	1182.3
1/2/2016	18:45:00	0	90.334	17.1	1181.2
1/2/2016	19:00:00	0	90.351	17.1	1177.7
1/2/2016	19:15:00	0	90.349	17.1	1181.2
1/2/2016	19:30:00	0	90.323	17.1	1182.3
1/2/2016	19:45:00	0	90.339	17.1	1174.2
1/2/2016	20:00:00	0	90.315	17.1	1178.8
1/2/2016	20:15:00	0	90.352	17.1	1181.2
1/2/2016	20:30:00	0	90.287	17.1	1174.2
1/2/2016	20:45:00	0	90.324	17.1	1181.2
1/2/2016	21:00:00	0	90.301	17.1	1171.9
1/2/2016	21:15:00	0	90.297	17.1	1175.4
1/2/2016	21:30:00	0	90.299	17.1	1182.3
1/2/2016	21:45:00	0	90.32	17.1	1176.5
1/2/2016	22:00:00	0	90.296	17.1	1174.2
1/2/2016	22:15:00	0	90.28	17.1	1177.7
1/2/2016	22:30:00	0	90.31	17.1	1176.5
1/2/2016	22:45:00	0	90.301	17.1	1180
1/2/2016	23:00:00	0	90.305	17.1	1177.7
1/2/2016	23:15:00	0	90.285	17.1	1176.5
1/2/2016	23:30:00	0	90.3	17.1	1178.8
1/2/2016	23:45:00	0	90.304	17.1	1177.7
1/3/2016	0:00:00	0	90.272	17.1	1181.2
1/3/2016	0:15:00	0	90.294	17.1	1178.8
1/3/2016	0:30:00	0	90.282	17.1	1182.3
1/3/2016	0:45:00	0	90.326	17.1	1178.8
1/3/2016	1:00:00	0	90.307	17.1	1178.8
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1/3/2016	2:00:00	0	90.306	17.1	1173.1
1/3/2016	2:15:00	0	90.305	17.1	1174.2
1/3/2016	2:30:00	0	90.329	17.1	1174.2
1/3/2016	2:45:00	0	90.285	17.1	1176.5
1/3/2016	3:00:00	0	90.253	17.1	1176.5
1/3/2016	3:15:00	0	90.316	17.1	1177.7
1/3/2016	3:30:00	0	90.323	17.1	1177.7
1/3/2016	3:45:00	0	90.329	17.1	1171.9
1/3/2016	4:00:00	0	90.333	17.1	1176.5
1/3/2016	4:15:00	0	90.3	17.1	1176.5
1/3/2016	4:30:00	0	90.306	17.1	1178.8
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1/3/2016	5:30:00	0	90.312	17.1	1176.5
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1/3/2016	6:30:00	0	90.294	17.1	1178.8
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1/3/2016	7:15:00	0	90.376	17.1	1174.2
1/3/2016	7:30:00	0	90.336	17.1	1176.5
1/3/2016	7:45:00	0	90.349	17.1	1169.6
1/3/2016	8:00:00	0	90.333	17.1	1178.8
1/3/2016	8:15:00	0	90.334	17.1	1175.4
1/3/2016	8:30:00	0	90.31	17.1	1176.5
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1/3/2016	9:00:00	0	90.317	17.1	1176.5
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1/3/2016	10:45:00	0	90.336	17.1	1180
1/3/2016	11:00:00	0	90.307	17.1	1180
1/3/2016	11:15:00	0	90.333	17.1	1175.4
1/3/2016	11:30:00	0	90.36	17.1	1177.7
1/3/2016	11:45:00	0	90.35	17.1	1177.7
1/3/2016	12:00:00	0	90.381	17.1	1174.2
1/3/2016	12:15:00	0	90.41	17.1	1176.5
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1/3/2016	13:00:00	0	90.384	17.1	1183.5
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1/3/2016	14:00:00	0	90.41	17.1	1176.5
1/3/2016	14:15:00	0	90.353	17.1	1180
1/3/2016	14:30:00	0	90.375	17.1	1176.5
1/3/2016	14:45:00	0	90.393	17.1	1181.2
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1/3/2016	15:15:00	0	90.394	17.1	1176.5
1/3/2016	15:30:00	0	90.379	17.1	1180
1/3/2016	15:45:00	0	90.421	17.1	1177.7
1/3/2016	16:00:00	0	90.403	17.1	1175.4
1/3/2016	16:15:00	0	90.388	17.1	1176.5
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1/3/2016	17:45:00	0	90.424	17.1	1175.4

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1/3/2016	18:15:00	0	90.384	17.1	1178.8
1/3/2016	18:30:00	0	90.381	17.1	1180
1/3/2016	18:45:00	0	90.416	17.1	1173.1
1/3/2016	19:00:00	0	90.413	17.1	1181.2
1/3/2016	19:15:00	0	90.391	17.1	1176.5
1/3/2016	19:30:00	0	90.39	17.1	1174.2
1/3/2016	19:45:00	0	90.372	17.1	1178.8
1/3/2016	20:00:00	0	90.374	17.1	1184.6
1/3/2016	20:15:00	0	90.372	17.1	1177.7
1/3/2016	20:30:00	0	90.393	17.1	1175.4
1/3/2016	20:45:00	0	90.395	17.1	1177.7
1/3/2016	21:00:00	0	90.381	17.1	1182.3
1/3/2016	21:15:00	0	90.401	17.1	1181.2
1/3/2016	21:30:00	0	90.422	17.1	1174.2
1/3/2016	21:45:00	0	90.422	17.1	1177.7
1/3/2016	22:00:00	0	90.363	17.1	1185.8
1/3/2016	22:15:00	0	90.418	17.1	1169.6
1/3/2016	22:30:00	0	90.395	17.1	1175.4
1/3/2016	22:45:00	0	90.396	17.1	1174.2
1/3/2016	23:00:00	0	90.439	17.1	1173.1
1/3/2016	23:15:00	0	90.419	17.1	1184.6
1/3/2016	23:30:00	0	90.399	17.1	1182.3
1/3/2016	23:45:00	0	90.4	17.1	1170.7
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1/4/2016	0:30:00	0	90.412	17.1	1178.8
1/4/2016	0:45:00	0	90.416	17.1	1175.4
1/4/2016	1:00:00	0	90.436	17.1	1177.7
1/4/2016	1:15:00	0	90.42	17.1	1178.8
1/4/2016	1:30:00	0	90.381	17.1	1176.5
1/4/2016	1:45:00	0	90.379	17.1	1174.2
1/4/2016	2:00:00	0	90.435	17.1	1173.1
1/4/2016	2:15:00	0	90.417	17.1	1180
1/4/2016	2:30:00	0	90.417	17.1	1178.8
1/4/2016	2:45:00	0	90.38	17.1	1173.1
1/4/2016	3:00:00	0	90.423	17.1	1181.2
1/4/2016	3:15:00	0	90.466	17.1	1173.1
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1/4/2016	5:00:00	0	90.454	17.1	1181.2
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1/4/2016	6:15:00	0	90.465	17.1	1181.2
1/4/2016	6:30:00	0	90.447	17.1	1181.2
1/4/2016	6:45:00	0	90.423	17.1	1171.9
1/4/2016	7:00:00	0	90.446	17.1	1183.5
1/4/2016	7:15:00	0	90.452	17.1	1174.2
1/4/2016	7:30:00	0	90.443	17.1	1170.7
1/4/2016	7:45:00	0	90.472	17.1	1183.5
1/4/2016	8:00:00	0	90.455	17.1	1171.9
1/4/2016	8:15:00	0	90.46	17.1	1175.4
1/4/2016	8:30:00	0	90.514	17.1	1178.8
1/4/2016	8:45:00	0	90.47	17.1	1176.5
1/4/2016	9:00:00	0	90.389	17.1	1177.7
1/4/2016	9:15:00	0	90.483	17.1	1178.8
1/4/2016	9:30:00	0	90.494	17.1	1177.7
1/4/2016	9:45:00	0	90.485	17.1	1174.2
1/4/2016	10:00:00	0	90.474	17.1	1175.4
1/4/2016	10:15:00	0	90.468	17.1	1176.5
1/4/2016	10:30:00	0	90.456	17.1	1176.5
1/4/2016	10:45:00	0	90.437	17.1	1176.5
1/4/2016	11:00:00	0	90.462	17.1	1174.2
1/4/2016	11:15:00	0	90.468	17.1	1183.5
1/4/2016	11:30:00	0	90.446	17.1	1174.2
1/4/2016	11:45:00	0	90.45	17.1	1174.2
1/4/2016	12:00:00	0	90.478	17.1	1174.2
1/4/2016	12:15:00	0	90.462	17.1	1175.4
1/4/2016	12:30:00	0	90.468	17.1	1176.5
1/4/2016	12:45:00	0	90.433	17.1	1175.4
1/4/2016	13:00:00	0	90.481	17.1	1180
1/4/2016	13:15:00	0	90.485	17.1	1178.8
1/4/2016	13:30:00	0	90.471	17.1	1173.1
1/4/2016	13:45:00	0	90.475	17.1	1178.8
1/4/2016	14:00:00	0	90.496	17.1	1171.9
1/4/2016	14:15:00	0	90.461	17.1	1185.8
1/4/2016	14:30:00	0	90.501	17.1	1171.9
1/4/2016	14:45:00	0	90.499	17.1	1181.2
1/4/2016	15:00:00	0	90.486	17.1	1178.8
1/4/2016	15:15:00	0	90.483	17.1	1186.9
1/4/2016	15:30:00	0	90.528	17.1	1181.2
1/4/2016	15:45:00	0	90.412	17.1	1175.4
1/4/2016	16:00:00	0	90.492	17.1	1177.7
1/4/2016	16:15:00	0	90.474	17.1	1174.2
1/4/2016	16:30:00	0	90.531	17.1	1177.7
1/4/2016	16:45:00	0	90.505	17.1	1175.4
1/4/2016	17:00:00	0	90.521	17.1	1182.3
1/4/2016	17:15:00	0	90.439	17.1	1174.2

1/4/2016	17:30:00	0	90.503	17.1	1173.1
1/4/2016	17:45:00	0	90.498	17.1	1173.1
1/4/2016	18:00:00	0	90.519	17.1	1178.8
1/4/2016	18:15:00	0	90.485	17.1	1178.8
1/4/2016	18:30:00	0	90.445	17.1	1189.3
1/4/2016	18:45:00	0	90.43	17.1	1180
1/4/2016	19:00:00	0	90.521	17.1	1174.2
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1/4/2016	19:30:00	0	90.466	17.1	1181.2
1/4/2016	19:45:00	0	90.496	17.1	1181.2
1/4/2016	20:00:00	0	90.524	17.1	1177.7
1/4/2016	20:15:00	0	90.443	17.1	1189.3
1/4/2016	20:30:00	0	90.518	17.1	1185.8
1/4/2016	20:45:00	0	90.54	17.1	1177.7
1/4/2016	21:00:00	0	90.485	17.1	1176.5
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1/4/2016	23:00:00	0	90.475	17.1	1178.8
1/4/2016	23:15:00	0	90.439	17.1	1177.7
1/4/2016	23:30:00	0	90.541	17.1	1177.7
1/4/2016	23:45:00	0	90.468	17.1	1185.8
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1/5/2016	0:15:00	0	90.499	17.1	1181.2
1/5/2016	0:30:00	0	90.543	17.1	1178.8
1/5/2016	0:45:00	0	90.503	17.1	1175.4
1/5/2016	1:00:00	0	90.528	17.1	1176.5
1/5/2016	1:15:00	0	90.495	17.1	1182.3
1/5/2016	1:30:00	0	90.544	17.1	1176.5
1/5/2016	1:45:00	0	90.569	17.1	1174.2
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1/5/2016	3:00:00	0	90.508	17.1	1174.2
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1/5/2016	3:30:00	0	90.541	17.1	1183.5
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1/5/2016	4:30:00	0	90.589	17.1	1178.8
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1/5/2016	5:00:00	0	90.565	17.1	1178.8

1/5/2016	5:15:00	0	90.572	17.1	1177.7
1/5/2016	5:30:00	0	90.609	17.1	1175.4
1/5/2016	5:45:00	0	90.571	17.1	1183.5
1/5/2016	6:00:00	0	90.615	17.1	1175.4
1/5/2016	6:15:00	0	90.599	17.1	1182.3
1/5/2016	6:30:00	0	90.6	17.1	1182.3
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1/5/2016	7:00:00	0	90.622	17.1	1175.4
1/5/2016	7:15:00	0	90.605	17.1	1177.7
1/5/2016	7:30:00	0	90.637	17.1	1173.1
1/5/2016	7:45:00	0	90.602	17.1	1176.5
1/5/2016	8:00:00	0	90.619	17.1	1177.7
1/5/2016	8:15:00	0	90.651	17.1	1184.6
1/5/2016	8:30:00	0	90.628	17.1	1182.3
1/5/2016	8:45:00	0	90.58	17.1	1177.7
1/5/2016	9:00:00	0	90.608	17.1	1176.5
1/5/2016	9:15:00	0	90.66	17.1	1178.8
1/5/2016	9:30:00	0	90.579	17.1	1178.8
1/5/2016	9:45:00	0	90.648	17.1	1178.8
1/5/2016	10:00:00	0	90.674	17.1	1178.8
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1/5/2016	10:30:00	0	90.613	17.1	1177.7
1/5/2016	10:45:00	0	90.629	17.1	1180
1/5/2016	11:00:00	0	90.611	17.1	1182.3
1/5/2016	11:15:00	0	90.632	17.1	1178.8
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1/5/2016	12:00:00	0	90.604	17.1	1177.7
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1/5/2016	12:30:00	0	90.661	17.1	1177.7
1/5/2016	12:45:00	0	90.652	17.1	1181.2
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1/5/2016	13:15:00	0	90.665	17.1	1180
1/5/2016	13:30:00	0	90.581	17.1	1176.5
1/5/2016	13:45:00	0	90.601	17.1	1182.3
1/5/2016	14:00:00	0	90.615	17.1	1177.7
1/5/2016	14:15:00	0	90.661	17.1	1177.7
1/5/2016	14:30:00	0	90.657	17.1	1178.8
1/5/2016	14:45:00	0	90.594	17.1	1176.5
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1/5/2016	15:30:00	0	90.662	17.1	1176.5
1/5/2016	15:45:00	0	90.662	17.1	1175.4
1/5/2016	16:00:00	0	90.638	17.1	1181.2
1/5/2016	16:15:00	0	90.63	17.1	1174.2
1/5/2016	16:30:00	0	90.647	17.1	1176.5
1/5/2016	16:45:00	0	90.641	17.1	1175.4

1/5/2016	17:00:00	0	90.636	17.1	1174.2
1/5/2016	17:15:00	0	90.651	17.1	1178.8
1/5/2016	17:30:00	0	90.519	17.1	1178.8
1/5/2016	17:45:00	0	90.636	17.1	1181.2
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1/5/2016	18:30:00	0	90.606	17.1	1181.2
1/5/2016	18:45:00	0	90.584	17.1	1174.2
1/5/2016	19:00:00	0	90.642	17.1	1181.2
1/5/2016	19:15:00	0	90.639	17.1	1181.2
1/5/2016	19:30:00	0	90.616	17.1	1175.4
1/5/2016	19:45:00	0	90.612	17.1	1181.2
1/5/2016	20:00:00	0	90.546	17.1	1183.5
1/5/2016	20:15:00	0	90.621	17.1	1178.8
1/5/2016	20:30:00	0	90.517	17.1	1176.5
1/5/2016	20:45:00	0	90.654	17.1	1181.2
1/5/2016	21:00:00	0	90.596	17.1	1177.7
1/5/2016	21:15:00	0	90.568	17.1	1178.8
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1/5/2016	21:45:00	0	90.544	17.1	1178.8
1/5/2016	22:00:00	0	90.644	17.1	1176.5
1/5/2016	22:15:00	0	90.639	17.1	1176.5
1/5/2016	22:30:00	0	90.549	17.1	1178.8
1/5/2016	22:45:00	0	90.642	17.1	1180
1/5/2016	23:00:00	0	90.646	17.1	1176.5
1/5/2016	23:15:00	0	90.628	17.1	1180
1/5/2016	23:30:00	0	90.61	17.1	1177.7
1/5/2016	23:45:00	0	90.542	17.1	1180
1/6/2016	0:00:00	0	90.646	17.1	1180
1/6/2016	0:15:00	0	90.671	17.1	1178.8
1/6/2016	0:30:00	0	90.672	17.1	1175.4
1/6/2016	0:45:00	0	90.558	17.1	1183.5
1/6/2016	1:00:00	0	90.645	17.1	1180
1/6/2016	1:15:00	0	90.617	17.1	1175.4
1/6/2016	1:30:00	0	90.658	17.1	1176.5
1/6/2016	1:45:00	0	90.645	17.1	1177.7
1/6/2016	2:00:00	0	90.627	17.1	1177.7
1/6/2016	2:15:00	0	90.677	17.1	1182.3
1/6/2016	2:30:00	0	90.622	17.1	1181.2
1/6/2016	2:45:00	0	90.689	17.1	1180
1/6/2016	3:00:00	0	90.622	17.1	1178.8
1/6/2016	3:15:00	0	90.675	17.1	1178.8
1/6/2016	3:30:00	0	90.7	17.1	1177.7
1/6/2016	3:45:00	0	90.716	17.1	1180
1/6/2016	4:00:00	0	90.699	17.1	1177.7
1/6/2016	4:15:00	0	90.714	17.1	1182.3
1/6/2016	4:30:00	0	90.717	17.1	1177.7

1/6/2016	4:45:00	0	90.698	17.1	1176.5
1/6/2016	5:00:00	0	90.752	17.1	1176.5
1/6/2016	5:15:00	0	90.656	17.1	1183.5
1/6/2016	5:30:00	0	90.744	17.1	1176.5
1/6/2016	5:45:00	0	90.757	17.1	1174.2
1/6/2016	6:00:00	0	90.794	17.1	1174.2
1/6/2016	6:15:00	0	90.756	17.1	1180
1/6/2016	6:30:00	0	90.764	17.1	1175.4
1/6/2016	6:45:00	0	90.774	17.1	1176.5
1/6/2016	7:00:00	0	90.739	17.1	1178.8
1/6/2016	7:15:00	0	90.742	17.1	1182.3
1/6/2016	7:30:00	0	90.777	17.1	1176.5
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1/6/2016	8:00:00	0	90.771	17.1	1177.7
1/6/2016	8:15:00	0	90.756	17.1	1177.7
1/6/2016	8:30:00	0	90.716	17.1	1177.7
1/6/2016	8:45:00	0	90.74	17.1	1176.5
1/6/2016	9:00:00	0	90.752	17.1	1178.8
1/6/2016	9:15:00	0	90.702	17.1	1181.2
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1/6/2016	9:45:00	0	90.706	17.1	1180
1/6/2016	10:00:00	0	90.815	17.1	1178.8
1/6/2016	10:15:00	0	90.718	17.1	1178.8
1/6/2016	10:30:00	0	90.757	17.1	1175.4
1/6/2016	10:45:00	0	90.725	17.1	1178.8
1/6/2016	11:00:00	0	90.775	17.1	1176.5
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1/6/2016	11:30:00	0	90.735	17.1	1180
1/6/2016	11:45:00	0	90.736	17.1	1180
1/6/2016	12:00:00	0	90.763	17.1	1174.2
1/6/2016	12:15:00	0	90.789	17.1	1178.8
1/6/2016	12:30:00	0	90.754	17.1	1177.7
1/6/2016	12:45:00	0	90.737	17.1	1178.8
1/6/2016	13:00:00	0	90.742	17.1	1180
1/6/2016	13:15:00	0	90.781	17.1	1182.3
1/6/2016	13:30:00	0	90.784	17.1	1178.8
1/6/2016	13:45:00	0	90.795	17.1	1180
1/6/2016	14:00:00	0	90.741	17.1	1176.5
1/6/2016	14:15:00	0	90.785	17.1	1180
1/6/2016	14:30:00	0	90.789	17.1	1180
1/6/2016	14:45:00	0	90.767	17.1	1180
1/6/2016	15:00:00	0	90.8	17.1	1176.5
1/6/2016	15:15:00	0	90.801	17.1	1178.8
1/6/2016	15:30:00	0	90.78	17.1	1176.5
1/6/2016	15:45:00	0	90.776	17.1	1176.5
1/6/2016	16:00:00	0	90.778	17.1	1181.2
1/6/2016	16:15:00	0	90.774	17.1	1174.2

1/6/2016	16:30:00	0	90.71	17.1	1178.8
1/6/2016	16:45:00	0	90.754	17.1	1181.2
1/6/2016	17:00:00	0	90.751	17.1	1177.7
1/6/2016	17:15:00	0	90.77	17.1	1177.7
1/6/2016	17:30:00	0	90.756	17.1	1178.8
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1/6/2016	18:00:00	0	90.752	17.1	1176.5
1/6/2016	18:15:00	0	90.768	17.1	1175.4
1/6/2016	18:30:00	0	90.744	17.1	1178.8
1/6/2016	18:45:00	0	90.822	17.1	1175.4
1/6/2016	19:00:00	0	90.74	17.1	1178.8
1/6/2016	19:15:00	0	90.736	17.1	1177.7
1/6/2016	19:30:00	0	90.769	17.1	1180
1/6/2016	19:45:00	0	90.768	17.1	1175.4
1/6/2016	20:00:00	0	90.786	17.1	1181.2
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1/6/2016	21:00:00	0	90.73	17.1	1178.8
1/6/2016	21:15:00	0	90.749	17.1	1180
1/6/2016	21:30:00	0	90.786	17.1	1182.3
1/6/2016	21:45:00	0	90.745	17.1	1180
1/6/2016	22:00:00	0	90.778	17.1	1181.2
1/6/2016	22:15:00	0	90.713	17.1	1178.8
1/6/2016	22:30:00	0	90.768	17.1	1180
1/6/2016	22:45:00	0	90.747	17.1	1180
1/6/2016	23:00:00	0	90.736	17.1	1182.3
1/6/2016	23:15:00	0	90.76	17.1	1182.3
1/6/2016	23:30:00	0	90.779	17.1	1178.8
1/6/2016	23:45:00	0	90.743	17.1	1175.4

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
12/31/2015	0:00:00		0 25.87	16.5	1948.1
12/31/2015	0:15:00		0 25.913	16.5	1950.4
12/31/2015	0:30:00		0 25.898	16.5	1950.4
12/31/2015	0:45:00		0 25.921	16.5	1950.4
12/31/2015	1:00:00		0 25.884	16.5	1950.4
12/31/2015	1:15:00		0 25.865	16.5	1950.4
12/31/2015	1:30:00		0 25.963	16.5	1950.4
12/31/2015	1:45:00		0 25.901	16.5	1948.1
12/31/2015	2:00:00		0 25.899	16.5	1950.4
12/31/2015	2:15:00		0 25.899	16.5	1950.4
12/31/2015	2:30:00		0 25.895	16.5	1948.1
12/31/2015	2:45:00		0 25.873	16.5	1948.1
12/31/2015	3:00:00		0 25.918	16.5	1948.1
12/31/2015	3:15:00		0 25.88	16.5	1948.1
12/31/2015	3:30:00		0 25.92	16.5	1948.1
12/31/2015	3:45:00		0 25.882	16.5	1948.1
12/31/2015	4:00:00		0 25.927	16.5	1946.9
12/31/2015	4:15:00		0 25.928	16.5	1948.1
12/31/2015	4:30:00		0 25.909	16.5	1948.1
12/31/2015	4:45:00		0 25.868	16.5	1948.1
12/31/2015	5:00:00		0 25.892	16.5	1950.4
12/31/2015	5:15:00		0 25.91	16.5	1948.1
12/31/2015	5:30:00		0 25.868	16.5	1950.4
12/31/2015	5:45:00		0 25.91	16.5	1948.1
12/31/2015	6:00:00		0 25.894	16.5	1948.1
12/31/2015	6:15:00		0 25.896	16.5	1948.1
12/31/2015	6:30:00		0 25.916	16.5	1946.9
12/31/2015	6:45:00		0 25.932	16.5	1946.9
12/31/2015	7:00:00		0 25.889	16.5	1946.9
12/31/2015	7:15:00		0 25.892	16.5	1948.1
12/31/2015	7:30:00		0 25.868	16.5	1948.1

12/31/2015	7:45:00	0	25.871	16.5	1950.4
12/31/2015	8:00:00	0	25.891	16.5	1948.1
12/31/2015	8:15:00	0	25.86	16.5	1946.9
12/31/2015	8:30:00	0	25.913	16.5	1946.9
12/31/2015	8:45:00	0	25.885	16.5	1946.9
12/31/2015	9:00:00	0	25.861	16.5	1948.1
12/31/2015	9:15:00	0	25.854	16.5	1948.1
12/31/2015	9:30:00	0	25.868	16.5	1948.1
12/31/2015	9:45:00	0	25.847	16.5	1948.1
12/31/2015	10:00:00	0	25.858	16.5	1948.1
12/31/2015	10:15:00	0	25.818	16.5	1948.1
12/31/2015	10:30:00	0	25.839	16.5	1948.1
12/31/2015	10:45:00	0	25.864	16.5	1950.4
12/31/2015	11:00:00	0	25.869	16.5	1950.4
12/31/2015	11:15:00	0	25.871	16.5	1950.4
12/31/2015	11:30:00	0	25.876	16.5	1950.4
12/31/2015	11:45:00	0	25.883	16.5	1951.6
12/31/2015	12:00:00	0	25.872	16.5	1948.1
12/31/2015	12:15:00	0	25.884	16.5	1948.1
12/31/2015	12:30:00	0	25.937	16.5	1948.1
12/31/2015	12:45:00	0	25.924	16.5	1950.4
12/31/2015	13:00:00	0	25.872	16.5	1948.1
12/31/2015	13:15:00	0	25.916	16.5	1948.1
12/31/2015	13:30:00	0	25.941	16.5	1948.1
12/31/2015	13:45:00	0	25.928	16.5	1950.4
12/31/2015	14:00:00	0	25.896	16.5	1950.4
12/31/2015	14:15:00	0	25.863	16.5	1948.1
12/31/2015	14:30:00	0	25.944	16.5	1950.4
12/31/2015	14:45:00	0	25.925	16.5	1948.1
12/31/2015	15:00:00	0	25.931	16.5	1950.4
12/31/2015	15:15:00	0	25.918	16.5	1950.4
12/31/2015	15:30:00	0	25.884	16.5	1946.9
12/31/2015	15:45:00	0	25.926	16.5	1948.1
12/31/2015	16:00:00	0	25.866	16.5	1946.9
12/31/2015	16:15:00	0	25.906	16.5	1946.9
12/31/2015	16:30:00	0	25.903	16.5	1948.1
12/31/2015	16:45:00	0	25.844	16.5	1948.1
12/31/2015	17:00:00	0	25.902	16.5	1950.4
12/31/2015	17:15:00	0	25.921	16.5	1950.4
12/31/2015	17:30:00	0	25.861	16.5	1950.4
12/31/2015	17:45:00	0	25.879	16.5	1948.1
12/31/2015	18:00:00	0	25.895	16.5	1948.1
12/31/2015	18:15:00	0	25.878	16.5	1948.1
12/31/2015	18:30:00	0	25.877	16.5	1946.9
12/31/2015	18:45:00	0	25.879	16.5	1946.9
12/31/2015	19:00:00	0	25.878	16.5	1945.7
12/31/2015	19:15:00	0	25.874	16.5	1945.7

12/31/2015	19:30:00	0	25.875	16.5	1946.9
12/31/2015	19:45:00	0	25.912	16.5	1946.9
12/31/2015	20:00:00	0	25.887	16.5	1946.9
12/31/2015	20:15:00	0	25.912	16.5	1948.1
12/31/2015	20:30:00	0	25.876	16.5	1946.9
12/31/2015	20:45:00	0	25.894	16.5	1948.1
12/31/2015	21:00:00	0	25.879	16.5	1948.1
12/31/2015	21:15:00	0	25.861	16.5	1948.1
12/31/2015	21:30:00	0	25.884	16.5	1948.1
12/31/2015	21:45:00	0	25.905	16.5	1948.1
12/31/2015	22:00:00	0	25.89	16.5	1948.1
12/31/2015	22:15:00	0	25.871	16.5	1950.4
12/31/2015	22:30:00	0	25.946	16.5	1950.4
12/31/2015	22:45:00	0	25.911	16.5	1950.4
12/31/2015	23:00:00	0	25.879	16.5	1950.4
12/31/2015	23:15:00	0	25.926	16.5	1948.1
12/31/2015	23:30:00	0	25.93	16.5	1950.4
12/31/2015	23:45:00	0	25.931	16.5	1950.4
1/1/2016	0:00:00	0	25.913	16.5	1950.4
1/1/2016	0:15:00	0	25.897	16.5	1950.4
1/1/2016	0:30:00	0	25.919	16.5	1950.4
1/1/2016	0:45:00	0	25.906	16.5	1951.6
1/1/2016	1:00:00	0	25.891	16.5	1951.6
1/1/2016	1:15:00	0	25.931	16.5	1950.4
1/1/2016	1:30:00	0	25.93	16.5	1948.1
1/1/2016	1:45:00	0	25.91	16.5	1948.1
1/1/2016	2:00:00	0	25.907	16.5	1946.9
1/1/2016	2:15:00	0	25.883	16.5	1948.1
1/1/2016	2:30:00	0	25.881	16.5	1948.1
1/1/2016	2:45:00	0	25.901	16.5	1948.1
1/1/2016	3:00:00	0	25.902	16.5	1946.9
1/1/2016	3:15:00	0	25.907	16.5	1948.1
1/1/2016	3:30:00	0	25.869	16.5	1948.1
1/1/2016	3:45:00	0	25.934	16.5	1948.1
1/1/2016	4:00:00	0	25.857	16.5	1950.4
1/1/2016	4:15:00	0	25.917	16.5	1950.4
1/1/2016	4:30:00	0	25.924	16.5	1948.1
1/1/2016	4:45:00	0	25.926	16.5	1948.1
1/1/2016	5:00:00	0	25.941	16.5	1948.1
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1/1/2016	6:30:00	0	25.896	16.5	1946.9
1/1/2016	6:45:00	0	25.891	16.5	1948.1
1/1/2016	7:00:00	0	25.888	16.5	1948.1

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1/1/2016	7:45:00	0	25.886	16.5	1946.9
1/1/2016	8:00:00	0	25.904	16.5	1946.9
1/1/2016	8:15:00	0	25.915	16.5	1946.9
1/1/2016	8:30:00	0	25.906	16.5	1945.7
1/1/2016	8:45:00	0	25.881	16.5	1948.1
1/1/2016	9:00:00	0	25.893	16.5	1948.1
1/1/2016	9:15:00	0	25.87	16.5	1948.1
1/1/2016	9:30:00	0	25.859	16.5	1948.1
1/1/2016	9:45:00	0	25.875	16.5	1948.1
1/1/2016	10:00:00	0	25.869	16.5	1950.4
1/1/2016	10:15:00	0	25.867	16.5	1950.4
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1/1/2016	10:45:00	0	25.885	16.5	1950.4
1/1/2016	11:00:00	0	25.87	16.5	1950.4
1/1/2016	11:15:00	0	25.876	16.5	1948.1
1/1/2016	11:30:00	0	25.899	16.5	1948.1
1/1/2016	11:45:00	0	25.883	16.5	1948.1
1/1/2016	12:00:00	0	25.892	16.5	1946.9
1/1/2016	12:15:00	0	25.9	16.5	1946.9
1/1/2016	12:30:00	0	25.842	16.5	1946.9
1/1/2016	12:45:00	0	25.887	16.5	1946.9
1/1/2016	13:00:00	0	25.89	16.5	1946.9
1/1/2016	13:15:00	0	25.877	16.5	1948.1
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1/1/2016	16:00:00	0	25.852	16.5	1950.4
1/1/2016	16:15:00	0	25.913	16.5	1948.1
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1/1/2016	16:45:00	0	25.877	16.5	1948.1
1/1/2016	17:00:00	0	25.858	16.5	1950.4
1/1/2016	17:15:00	0	25.88	16.5	1948.1
1/1/2016	17:30:00	0	25.902	16.5	1948.1
1/1/2016	17:45:00	0	25.865	16.5	1950.4
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1/1/2016	18:45:00	0	25.88	16.5	1946.9

1/1/2016	19:00:00	0	25.879	16.5	1946.9
1/1/2016	19:15:00	0	25.876	16.5	1948.1
1/1/2016	19:30:00	0	25.838	16.5	1948.1
1/1/2016	19:45:00	0	25.915	16.5	1950.4
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1/1/2016	20:45:00	0	25.883	16.5	1948.1
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1/1/2016	21:30:00	0	25.858	16.5	1950.4
1/1/2016	21:45:00	0	25.859	16.5	1950.4
1/1/2016	22:00:00	0	25.879	16.5	1948.1
1/1/2016	22:15:00	0	25.877	16.5	1948.1
1/1/2016	22:30:00	0	25.874	16.5	1948.1
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1/2/2016	0:00:00	0	25.903	16.5	1948.1
1/2/2016	0:15:00	0	25.883	16.5	1946.9
1/2/2016	0:30:00	0	25.893	16.5	1950.4
1/2/2016	0:45:00	0	25.895	16.5	1950.4
1/2/2016	1:00:00	0	25.878	16.5	1950.4
1/2/2016	1:15:00	0	25.881	16.5	1950.4
1/2/2016	1:30:00	0	25.942	16.5	1950.4
1/2/2016	1:45:00	0	25.931	16.5	1950.4
1/2/2016	2:00:00	0	25.928	16.5	1950.4
1/2/2016	2:15:00	0	25.972	16.5	1950.4
1/2/2016	2:30:00	0	25.892	16.5	1948.1
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1/2/2016	3:00:00	0	25.906	16.5	1950.4
1/2/2016	3:15:00	0	25.929	16.5	1950.4
1/2/2016	3:30:00	0	25.876	16.5	1948.1
1/2/2016	3:45:00	0	25.899	16.5	1948.1
1/2/2016	4:00:00	0	25.9	16.5	1948.1
1/2/2016	4:15:00	0	25.922	16.5	1946.9
1/2/2016	4:30:00	0	25.907	16.5	1946.9
1/2/2016	4:45:00	0	25.886	16.5	1950.4
1/2/2016	5:00:00	0	25.904	16.5	1950.4
1/2/2016	5:15:00	0	25.904	16.5	1950.4
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1/2/2016	6:00:00	0	25.969	16.5	1950.4
1/2/2016	6:15:00	0	25.949	16.5	1951.6
1/2/2016	6:30:00	0	25.886	16.5	1951.6

1/2/2016	6:45:00	0	25.886	16.5	1950.4
1/2/2016	7:00:00	0	25.869	16.5	1950.4
1/2/2016	7:15:00	0	25.89	16.5	1951.6
1/2/2016	7:30:00	0	25.949	16.5	1950.4
1/2/2016	7:45:00	0	25.871	16.5	1948.1
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1/2/2016	10:15:00	0	25.878	16.5	1946.9
1/2/2016	10:30:00	0	25.9	16.5	1950.4
1/2/2016	10:45:00	0	25.863	16.5	1950.4
1/2/2016	11:00:00	0	25.871	16.5	1951.6
1/2/2016	11:15:00	0	25.918	16.5	1951.6
1/2/2016	11:30:00	0	25.886	16.5	1950.4
1/2/2016	11:45:00	0	25.951	16.5	1951.6
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1/2/2016	12:15:00	0	25.896	16.5	1948.1
1/2/2016	12:30:00	0	25.905	16.5	1950.4
1/2/2016	12:45:00	0	25.933	16.5	1948.1
1/2/2016	13:00:00	0	25.938	16.5	1948.1
1/2/2016	13:15:00	0	25.941	16.5	1950.4
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1/2/2016	14:15:00	0	25.911	16.5	1950.4
1/2/2016	14:30:00	0	25.968	16.5	1948.1
1/2/2016	14:45:00	0	25.914	16.5	1948.1
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1/2/2016	15:45:00	0	25.912	16.5	1948.1
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1/2/2016	16:30:00	0	25.922	16.5	1950.4
1/2/2016	16:45:00	0	25.9	16.5	1950.4
1/2/2016	17:00:00	0	25.925	16.5	1948.1
1/2/2016	17:15:00	0	25.902	16.5	1948.1
1/2/2016	17:30:00	0	25.906	16.5	1950.4
1/2/2016	17:45:00	0	25.91	16.5	1948.1
1/2/2016	18:00:00	0	25.932	16.5	1950.4
1/2/2016	18:15:00	0	25.897	16.5	1948.1

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1/2/2016	18:45:00	0	25.925	16.5	1950.4
1/2/2016	19:00:00	0	25.902	16.5	1948.1
1/2/2016	19:15:00	0	25.94	16.5	1950.4
1/2/2016	19:30:00	0	25.894	16.5	1950.4
1/2/2016	19:45:00	0	25.91	16.5	1950.4
1/2/2016	20:00:00	0	25.926	16.5	1948.1
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1/2/2016	20:45:00	0	25.875	16.5	1946.9
1/2/2016	21:00:00	0	25.872	16.5	1948.1
1/2/2016	21:15:00	0	25.868	16.5	1946.9
1/2/2016	21:30:00	0	25.89	16.5	1948.1
1/2/2016	21:45:00	0	25.871	16.5	1948.1
1/2/2016	22:00:00	0	25.867	16.5	1948.1
1/2/2016	22:15:00	0	25.89	16.5	1950.4
1/2/2016	22:30:00	0	25.921	16.5	1948.1
1/2/2016	22:45:00	0	25.931	16.5	1950.4
1/2/2016	23:00:00	0	25.954	16.5	1951.6
1/2/2016	23:15:00	0	25.915	16.5	1951.6
1/2/2016	23:30:00	0	25.91	16.5	1950.4
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1/3/2016	1:15:00	0	25.916	16.5	1951.6
1/3/2016	1:30:00	0	25.917	16.5	1951.6
1/3/2016	1:45:00	0	25.937	16.5	1951.6
1/3/2016	2:00:00	0	25.936	16.5	1951.6
1/3/2016	2:15:00	0	25.915	16.5	1948.1
1/3/2016	2:30:00	0	25.9	16.5	1950.4
1/3/2016	2:45:00	0	25.896	16.5	1950.4
1/3/2016	3:00:00	0	25.962	16.5	1950.4
1/3/2016	3:15:00	0	25.946	16.5	1950.4
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1/3/2016	4:00:00	0	25.963	16.5	1946.9
1/3/2016	4:15:00	0	25.93	16.5	1948.1
1/3/2016	4:30:00	0	25.916	16.5	1950.4
1/3/2016	4:45:00	0	25.917	16.5	1950.4
1/3/2016	5:00:00	0	25.92	16.5	1950.4
1/3/2016	5:15:00	0	25.902	16.5	1950.4
1/3/2016	5:30:00	0	25.942	16.5	1950.4
1/3/2016	5:45:00	0	25.942	16.5	1948.1
1/3/2016	6:00:00	0	25.926	16.5	1946.9

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1/3/2016	6:30:00	0	25.885	16.5	1948.1
1/3/2016	6:45:00	0	25.925	16.5	1948.1
1/3/2016	7:00:00	0	25.889	16.5	1946.9
1/3/2016	7:15:00	0	25.907	16.5	1948.1
1/3/2016	7:30:00	0	25.907	16.5	1948.1
1/3/2016	7:45:00	0	25.92	16.5	1948.1
1/3/2016	8:00:00	0	25.924	16.5	1948.1
1/3/2016	8:15:00	0	25.905	16.5	1946.9
1/3/2016	8:30:00	0	25.9	16.5	1948.1
1/3/2016	8:45:00	0	25.894	16.5	1948.1
1/3/2016	9:00:00	0	25.908	16.5	1948.1
1/3/2016	9:15:00	0	25.889	16.5	1948.1
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1/3/2016	10:45:00	0	25.888	16.5	1946.9
1/3/2016	11:00:00	0	25.937	16.5	1950.4
1/3/2016	11:15:00	0	25.923	16.5	1950.4
1/3/2016	11:30:00	0	25.912	16.5	1948.1
1/3/2016	11:45:00	0	25.94	16.5	1950.4
1/3/2016	12:00:00	0	25.933	16.5	1948.1
1/3/2016	12:15:00	0	25.902	16.5	1950.4
1/3/2016	12:30:00	0	25.914	16.5	1950.4
1/3/2016	12:45:00	0	25.943	16.5	1950.4
1/3/2016	13:00:00	0	25.955	16.5	1950.4
1/3/2016	13:15:00	0	25.962	16.5	1951.6
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1/3/2016	14:00:00	0	25.961	16.5	1950.4
1/3/2016	14:15:00	0	25.944	16.5	1950.4
1/3/2016	14:30:00	0	25.926	16.5	1950.4
1/3/2016	14:45:00	0	25.886	16.5	1950.4
1/3/2016	15:00:00	0	25.906	16.5	1950.4
1/3/2016	15:15:00	0	25.906	16.5	1950.4
1/3/2016	15:30:00	0	25.91	16.5	1950.4
1/3/2016	15:45:00	0	25.933	16.5	1950.4
1/3/2016	16:00:00	0	25.896	16.5	1950.4
1/3/2016	16:15:00	0	25.939	16.5	1950.4
1/3/2016	16:30:00	0	25.936	16.5	1950.4
1/3/2016	16:45:00	0	25.914	16.5	1950.4
1/3/2016	17:00:00	0	25.935	16.5	1950.4
1/3/2016	17:15:00	0	25.936	16.5	1950.4
1/3/2016	17:30:00	0	25.897	16.5	1948.1
1/3/2016	17:45:00	0	25.936	16.5	1948.1

1/3/2016	18:00:00	0	25.92	16.5	1948.1
1/3/2016	18:15:00	0	25.915	16.5	1948.1
1/3/2016	18:30:00	0	25.932	16.5	1950.4
1/3/2016	18:45:00	0	25.889	16.5	1948.1
1/3/2016	19:00:00	0	25.886	16.5	1948.1
1/3/2016	19:15:00	0	25.923	16.5	1948.1
1/3/2016	19:30:00	0	25.922	16.5	1948.1
1/3/2016	19:45:00	0	25.923	16.5	1948.1
1/3/2016	20:00:00	0	25.886	16.5	1948.1
1/3/2016	20:15:00	0	25.884	16.5	1950.4
1/3/2016	20:30:00	0	25.886	16.5	1950.4
1/3/2016	20:45:00	0	25.888	16.5	1948.1
1/3/2016	21:00:00	0	25.952	16.5	1950.4
1/3/2016	21:15:00	0	25.933	16.5	1950.4
1/3/2016	21:30:00	0	25.895	16.5	1950.4
1/3/2016	21:45:00	0	25.875	16.5	1950.4
1/3/2016	22:00:00	0	25.934	16.5	1948.1
1/3/2016	22:15:00	0	25.95	16.5	1946.9
1/3/2016	22:30:00	0	25.907	16.5	1948.1
1/3/2016	22:45:00	0	25.948	16.5	1950.4
1/3/2016	23:00:00	0	25.892	16.5	1950.4
1/3/2016	23:15:00	0	25.911	16.5	1950.4
1/3/2016	23:30:00	0	25.892	16.5	1950.4
1/3/2016	23:45:00	0	25.932	16.5	1950.4
1/4/2016	0:00:00	0	25.916	16.5	1950.4
1/4/2016	0:15:00	0	25.942	16.5	1950.4
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1/4/2016	1:00:00	0	25.968	16.5	1950.4
1/4/2016	1:15:00	0	25.913	16.5	1950.4
1/4/2016	1:30:00	0	25.932	16.5	1950.4
1/4/2016	1:45:00	0	25.911	16.5	1948.1
1/4/2016	2:00:00	0	25.947	16.5	1948.1
1/4/2016	2:15:00	0	25.91	16.5	1948.1
1/4/2016	2:30:00	0	25.91	16.5	1948.1
1/4/2016	2:45:00	0	25.951	16.5	1950.4
1/4/2016	3:00:00	0	25.935	16.5	1950.4
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1/4/2016	3:45:00	0	25.931	16.5	1948.1
1/4/2016	4:00:00	0	25.912	16.5	1950.4
1/4/2016	4:15:00	0	25.918	16.5	1948.1
1/4/2016	4:30:00	0	25.943	16.5	1950.4
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1/4/2016	5:00:00	0	25.868	16.5	1948.1
1/4/2016	5:15:00	0	25.945	16.5	1948.1
1/4/2016	5:30:00	0	25.943	16.5	1948.1

1/4/2016	5:45:00	0	25.923	16.5	1948.1
1/4/2016	6:00:00	0	25.941	16.5	1948.1
1/4/2016	6:15:00	0	25.957	16.5	1950.4
1/4/2016	6:30:00	0	25.92	16.5	1948.1
1/4/2016	6:45:00	0	25.915	16.5	1948.1
1/4/2016	7:00:00	0	25.879	16.5	1948.1
1/4/2016	7:15:00	0	25.885	16.5	1948.1
1/4/2016	7:30:00	0	25.916	16.5	1948.1
1/4/2016	7:45:00	0	25.906	16.5	1948.1
1/4/2016	8:00:00	0	25.927	16.5	1948.1
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1/4/2016	8:45:00	0	25.904	16.5	1950.4
1/4/2016	9:00:00	0	25.92	16.5	1951.6
1/4/2016	9:15:00	0	25.936	16.5	1950.4
1/4/2016	9:30:00	0	25.888	16.5	1950.4
1/4/2016	9:45:00	0	25.898	16.5	1950.4
1/4/2016	10:00:00	0	25.868	16.5	1951.6
1/4/2016	10:15:00	0	25.901	16.5	1951.6
1/4/2016	10:30:00	0	25.909	16.5	1950.4
1/4/2016	10:45:00	0	25.89	16.5	1950.4
1/4/2016	11:00:00	0	25.876	16.5	1950.4
1/4/2016	11:15:00	0	25.882	16.5	1951.6
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1/4/2016	12:00:00	0	25.892	16.5	1950.4
1/4/2016	12:15:00	0	25.915	16.5	1950.4
1/4/2016	12:30:00	0	25.921	16.5	1948.1
1/4/2016	12:45:00	0	25.925	16.5	1948.1
1/4/2016	13:00:00	0	25.954	16.5	1946.9
1/4/2016	13:15:00	0	25.879	16.5	1948.1
1/4/2016	13:30:00	0	25.904	16.5	1948.1
1/4/2016	13:45:00	0	25.908	16.5	1948.1
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1/4/2016	14:15:00	0	25.914	16.5	1948.1
1/4/2016	14:30:00	0	25.915	16.5	1948.1
1/4/2016	14:45:00	0	25.854	16.5	1948.1
1/4/2016	15:00:00	0	25.899	16.5	1950.4
1/4/2016	15:15:00	0	25.916	16.5	1950.4
1/4/2016	15:30:00	0	25.863	16.5	1948.1
1/4/2016	15:45:00	0	25.923	16.5	1950.4
1/4/2016	16:00:00	0	25.925	16.5	1950.4
1/4/2016	16:15:00	0	25.886	16.5	1950.4
1/4/2016	16:30:00	0	25.905	16.5	1950.4
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1/4/2016	17:15:00	0	25.911	16.5	1950.4

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1/4/2016	17:45:00	0	25.892	16.5	1950.4
1/4/2016	18:00:00	0	25.933	16.5	1948.1
1/4/2016	18:15:00	0	25.898	16.5	1950.4
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1/4/2016	23:15:00	0	25.911	16.5	1950.4
1/4/2016	23:30:00	0	25.935	16.5	1950.4
1/4/2016	23:45:00	0	25.92	16.5	1950.4
1/5/2016	0:00:00	0	25.966	16.5	1948.1
1/5/2016	0:15:00	0	25.972	16.5	1950.4
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1/5/2016	2:15:00	0	25.94	16.5	1951.6
1/5/2016	2:30:00	0	25.94	16.5	1950.4
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1/5/2016	3:15:00	0	25.966	16.5	1948.1
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1/5/2016	4:30:00	0	25.944	16.5	1950.4
1/5/2016	4:45:00	0	25.949	16.5	1948.1
1/5/2016	5:00:00	0	25.919	16.5	1950.4

1/5/2016	5:15:00	0	25.946	16.5	1950.4
1/5/2016	5:30:00	0	25.924	16.5	1950.4
1/5/2016	5:45:00	0	25.965	16.5	1950.4
1/5/2016	6:00:00	0	25.93	16.5	1948.1
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1/5/2016	6:45:00	0	25.911	16.5	1948.1
1/5/2016	7:00:00	0	25.937	16.5	1950.4
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1/5/2016	7:30:00	0	25.873	16.5	1950.4
1/5/2016	7:45:00	0	25.917	16.5	1946.9
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1/5/2016	8:30:00	0	25.864	16.5	1948.1
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1/5/2016	9:00:00	0	25.903	16.5	1948.1
1/5/2016	9:15:00	0	25.916	16.5	1950.4
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1/5/2016	10:15:00	0	25.876	16.5	1948.1
1/5/2016	10:30:00	0	25.849	16.5	1948.1
1/5/2016	10:45:00	0	25.885	16.5	1948.1
1/5/2016	11:00:00	0	25.887	16.5	1948.1
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1/5/2016	13:45:00	0	25.857	16.5	1951.6
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1/5/2016	14:15:00	0	25.898	16.5	1950.4
1/5/2016	14:30:00	0	25.894	16.5	1948.1
1/5/2016	14:45:00	0	25.909	16.5	1948.1
1/5/2016	15:00:00	0	25.907	16.5	1950.4
1/5/2016	15:15:00	0	25.842	16.5	1950.4
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1/5/2016	16:00:00	0	25.875	16.5	1950.4
1/5/2016	16:15:00	0	25.926	16.5	1950.4
1/5/2016	16:30:00	0	25.903	16.5	1948.1
1/5/2016	16:45:00	0	25.878	16.5	1948.1

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1/5/2016	17:15:00	0	25.907	16.5	1950.4
1/5/2016	17:30:00	0	25.873	16.5	1950.4
1/5/2016	17:45:00	0	25.912	16.5	1950.4
1/5/2016	18:00:00	0	25.908	16.5	1950.4
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1/5/2016	18:45:00	0	25.88	16.5	1950.4
1/5/2016	19:00:00	0	25.878	16.5	1950.4
1/5/2016	19:15:00	0	25.895	16.5	1951.6
1/5/2016	19:30:00	0	25.911	16.5	1948.1
1/5/2016	19:45:00	0	25.868	16.5	1948.1
1/5/2016	20:00:00	0	25.881	16.5	1948.1
1/5/2016	20:15:00	0	25.857	16.5	1948.1
1/5/2016	20:30:00	0	25.911	16.5	1946.9
1/5/2016	20:45:00	0	25.91	16.5	1948.1
1/5/2016	21:00:00	0	25.871	16.5	1948.1
1/5/2016	21:15:00	0	25.844	16.5	1948.1
1/5/2016	21:30:00	0	25.88	16.5	1948.1
1/5/2016	21:45:00	0	25.899	16.5	1948.1
1/5/2016	22:00:00	0	25.86	16.5	1948.1
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1/5/2016	22:30:00	0	25.884	16.5	1948.1
1/5/2016	22:45:00	0	25.898	16.5	1950.4
1/5/2016	23:00:00	0	25.882	16.5	1950.4
1/5/2016	23:15:00	0	25.923	16.5	1950.4
1/5/2016	23:30:00	0	25.945	16.5	1948.1
1/5/2016	23:45:00	0	25.956	16.5	1950.4
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1/6/2016	1:00:00	0	25.98	16.5	1950.4
1/6/2016	1:15:00	0	25.932	16.5	1950.4
1/6/2016	1:30:00	0	25.992	16.5	1950.4
1/6/2016	1:45:00	0	25.94	16.5	1950.4
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1/6/2016	3:45:00	0	26.012	16.5	1950.4
1/6/2016	4:00:00	0	26.034	16.5	1948.1
1/6/2016	4:15:00	0	26.01	16.5	1950.4
1/6/2016	4:30:00	0	25.974	16.5	1948.1

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1/6/2016	5:00:00	0	26.008	16.5	1948.1
1/6/2016	5:15:00	0	25.971	16.5	1948.1
1/6/2016	5:30:00	0	25.961	16.5	1948.1
1/6/2016	5:45:00	0	25.973	16.5	1948.1
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1/6/2016	6:45:00	0	25.951	16.5	1950.4
1/6/2016	7:00:00	0	25.916	16.5	1950.4
1/6/2016	7:15:00	0	25.919	16.5	1948.1
1/6/2016	7:30:00	0	25.954	16.5	1948.1
1/6/2016	7:45:00	0	25.947	16.5	1948.1
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1/6/2016	11:45:00	0	25.952	16.5	1948.1
1/6/2016	12:00:00	0	26	16.5	1950.4
1/6/2016	12:15:00	0	25.966	16.5	1948.1
1/6/2016	12:30:00	0	25.97	16.5	1948.1
1/6/2016	12:45:00	0	25.914	16.5	1950.4
1/6/2016	13:00:00	0	25.919	16.5	1950.4
1/6/2016	13:15:00	0	25.978	16.5	1948.1
1/6/2016	13:30:00	0	25.981	16.5	1948.1
1/6/2016	13:45:00	0	25.972	16.5	1948.1
1/6/2016	14:00:00	0	25.958	16.5	1948.1
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1/6/2016	15:30:00	0	25.958	16.5	1948.1
1/6/2016	15:45:00	0	25.993	16.5	1950.4
1/6/2016	16:00:00	0	25.975	16.5	1948.1
1/6/2016	16:15:00	0	25.932	16.5	1948.1

1/6/2016	16:30:00	0	25.927	16.5	1950.4
1/6/2016	16:45:00	0	25.951	16.5	1950.4
1/6/2016	17:00:00	0	25.948	16.5	1950.4
1/6/2016	17:15:00	0	25.928	16.5	1950.4
1/6/2016	17:30:00	0	25.933	16.5	1950.4
1/6/2016	17:45:00	0	25.911	16.5	1950.4
1/6/2016	18:00:00	0	25.929	16.5	1950.4
1/6/2016	18:15:00	0	25.926	16.5	1950.4
1/6/2016	18:30:00	0	25.881	16.5	1950.4
1/6/2016	18:45:00	0	25.941	16.5	1950.4
1/6/2016	19:00:00	0	25.996	16.5	1948.1
1/6/2016	19:15:00	0	25.913	16.5	1950.4
1/6/2016	19:30:00	0	25.887	16.5	1950.4
1/6/2016	19:45:00	0	25.945	16.5	1951.6
1/6/2016	20:00:00	0	25.943	16.5	1951.6
1/6/2016	20:15:00	0	25.928	16.5	1950.4
1/6/2016	20:30:00	0	25.858	16.5	1950.4
1/6/2016	20:45:00	0	25.868	16.5	1950.4
1/6/2016	21:00:00	0	25.888	16.5	1950.4
1/6/2016	21:15:00	0	25.907	16.5	1951.6
1/6/2016	21:30:00	0	25.885	16.5	1950.4
1/6/2016	21:45:00	0	25.903	16.5	1951.6
1/6/2016	22:00:00	0	25.936	16.5	1950.4
1/6/2016	22:15:00	0	25.91	16.5	1951.6
1/6/2016	22:30:00	0	25.906	16.5	1950.4
1/6/2016	22:45:00	0	25.904	16.5	1950.4
1/6/2016	23:00:00	0	25.933	16.5	1948.1
1/6/2016	23:15:00	0	25.918	16.5	1948.1
1/6/2016	23:30:00	0	25.878	16.5	1950.4
1/6/2016	23:45:00	0	25.94	16.5	1948.1

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/31/2015	0:00:00	0	156.599	16.9	2519.2
12/31/2015	0:15:00	0	156.562	16.9	2519.2
12/31/2015	0:30:00	0	156.567	16.9	2516.9
12/31/2015	0:45:00	0	156.57	16.9	2518.1
12/31/2015	1:00:00	0	156.554	16.9	2518.1
12/31/2015	1:15:00	0	156.574	16.9	2518.1
12/31/2015	1:30:00	0	156.593	16.9	2516.9
12/31/2015	1:45:00	0	156.59	16.9	2516.9
12/31/2015	2:00:00	0	156.608	16.9	2516.9
12/31/2015	2:15:00	0	156.608	16.9	2514.6
12/31/2015	2:30:00	0	156.604	16.9	2514.6
12/31/2015	2:45:00	0	156.602	16.9	2516.9
12/31/2015	3:00:00	0	156.626	16.9	2516.9
12/31/2015	3:15:00	0	156.589	16.9	2516.9
12/31/2015	3:30:00	0	156.648	16.9	2516.9
12/31/2015	3:45:00	0	156.65	16.9	2516.9
12/31/2015	4:00:00	0	156.616	16.9	2518.1
12/31/2015	4:15:00	0	156.676	16.9	2516.9
12/31/2015	4:30:00	0	156.637	16.9	2518.1
12/31/2015	4:45:00	0	156.656	16.9	2516.9
12/31/2015	5:00:00	0	156.68	16.9	2516.9
12/31/2015	5:15:00	0	156.717	16.9	2518.1
12/31/2015	5:30:00	0	156.695	16.9	2518.1
12/31/2015	5:45:00	0	156.697	16.9	2519.2
12/31/2015	6:00:00	0	156.741	16.9	2518.1
12/31/2015	6:15:00	0	156.644	16.9	2519.2
12/31/2015	6:30:00	0	156.703	16.9	2519.2
12/31/2015	6:45:00	0	156.68	16.9	2519.2
12/31/2015	7:00:00	0	156.696	16.9	2519.2
12/31/2015	7:15:00	0	156.699	16.9	2519.2
12/31/2015	7:30:00	0	156.695	16.9	2519.2

12/31/2015	7:45:00	0	156.698	16.9	2519.2
12/31/2015	8:00:00	0	156.698	16.9	2518.1
12/31/2015	8:15:00	0	156.648	16.9	2518.1
12/31/2015	8:30:00	0	156.661	16.9	2519.2
12/31/2015	8:45:00	0	156.692	16.9	2518.1
12/31/2015	9:00:00	0	156.688	16.9	2518.1
12/31/2015	9:15:00	0	156.661	16.9	2516.9
12/31/2015	9:30:00	0	156.695	16.9	2518.1
12/31/2015	9:45:00	0	156.694	16.9	2518.1
12/31/2015	10:00:00	0	156.724	16.9	2518.1
12/31/2015	10:15:00	0	156.685	16.9	2518.1
12/31/2015	10:30:00	0	156.686	16.9	2518.1
12/31/2015	10:45:00	0	156.691	16.9	2516.9
12/31/2015	11:00:00	0	156.637	16.9	2516.9
12/31/2015	11:15:00	0	156.639	16.9	2516.9
12/31/2015	11:30:00	0	156.624	16.9	2516.9
12/31/2015	11:45:00	0	156.651	16.9	2516.9
12/31/2015	12:00:00	0	156.62	16.9	2516.9
12/31/2015	12:15:00	0	156.652	16.9	2516.9
12/31/2015	12:30:00	0	156.626	16.9	2516.9
12/31/2015	12:45:00	0	156.633	16.9	2516.9
12/31/2015	13:00:00	0	156.64	16.9	2514.6
12/31/2015	13:15:00	0	156.645	16.9	2518.1
12/31/2015	13:30:00	0	156.61	16.9	2518.1
12/31/2015	13:45:00	0	156.637	16.9	2516.9
12/31/2015	14:00:00	0	156.565	16.9	2516.9
12/31/2015	14:15:00	0	156.65	16.9	2516.9
12/31/2015	14:30:00	0	156.633	16.9	2516.9
12/31/2015	14:45:00	0	156.575	16.9	2516.9
12/31/2015	15:00:00	0	156.621	16.9	2516.9
12/31/2015	15:15:00	0	156.607	16.9	2516.9
12/31/2015	15:30:00	0	156.632	16.9	2516.9
12/31/2015	15:45:00	0	156.615	16.9	2516.9
12/31/2015	16:00:00	0	156.594	16.9	2513.4
12/31/2015	16:15:00	0	156.615	16.9	2516.9
12/31/2015	16:30:00	0	156.632	16.9	2514.6
12/31/2015	16:45:00	0	156.592	16.9	2514.6
12/31/2015	17:00:00	0	156.591	16.9	2514.6
12/31/2015	17:15:00	0	156.61	16.9	2514.6
12/31/2015	17:30:00	0	156.569	16.9	2513.4
12/31/2015	17:45:00	0	156.587	16.9	2512.2
12/31/2015	18:00:00	0	156.545	16.9	2513.4
12/31/2015	18:15:00	0	156.586	16.9	2513.4
12/31/2015	18:30:00	0	156.565	16.9	2513.4
12/31/2015	18:45:00	0	156.587	16.9	2513.4
12/31/2015	19:00:00	0	156.586	16.9	2514.6
12/31/2015	19:15:00	0	156.543	16.9	2514.6

12/31/2015	19:30:00	0	156.544	16.9	2513.4
12/31/2015	19:45:00	0	156.581	16.9	2513.4
12/31/2015	20:00:00	0	156.556	16.9	2513.4
12/31/2015	20:15:00	0	156.581	16.9	2513.4
12/31/2015	20:30:00	0	156.584	16.9	2514.6
12/31/2015	20:45:00	0	156.563	16.9	2514.6
12/31/2015	21:00:00	0	156.548	16.9	2513.4
12/31/2015	21:15:00	0	156.569	16.9	2514.6
12/31/2015	21:30:00	0	156.553	16.9	2513.4
12/31/2015	21:45:00	0	156.594	16.9	2513.4
12/31/2015	22:00:00	0	156.559	16.9	2513.4
12/31/2015	22:15:00	0	156.619	16.9	2514.6
12/31/2015	22:30:00	0	156.576	16.9	2516.9
12/31/2015	22:45:00	0	156.541	16.9	2516.9
12/31/2015	23:00:00	0	156.587	16.9	2516.9
12/31/2015	23:15:00	0	156.536	16.9	2516.9
12/31/2015	23:30:00	0	156.58	16.9	2514.6
12/31/2015	23:45:00	0	156.6	16.9	2514.6
1/1/2016	0:00:00	0	156.582	16.9	2514.6
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1/1/2016	0:30:00	0	156.647	16.9	2514.6
1/1/2016	0:45:00	0	156.575	16.9	2514.6
1/1/2016	1:00:00	0	156.58	16.9	2514.6
1/1/2016	1:15:00	0	156.58	16.9	2514.6
1/1/2016	1:30:00	0	156.579	16.9	2514.6
1/1/2016	1:45:00	0	156.618	16.9	2514.6
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1/1/2016	2:15:00	0	156.572	16.9	2513.4
1/1/2016	2:30:00	0	156.59	16.9	2514.6
1/1/2016	2:45:00	0	156.609	16.9	2514.6
1/1/2016	3:00:00	0	156.591	16.9	2514.6
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1/1/2016	3:30:00	0	156.617	16.9	2514.6
1/1/2016	3:45:00	0	156.603	16.9	2513.4
1/1/2016	4:00:00	0	156.565	16.9	2514.6
1/1/2016	4:15:00	0	156.606	16.9	2513.4
1/1/2016	4:30:00	0	156.632	16.9	2514.6
1/1/2016	4:45:00	0	156.634	16.9	2513.4
1/1/2016	5:00:00	0	156.649	16.9	2514.6
1/1/2016	5:15:00	0	156.568	16.9	2514.6
1/1/2016	5:30:00	0	156.626	16.9	2514.6
1/1/2016	5:45:00	0	156.641	16.9	2513.4
1/1/2016	6:00:00	0	156.655	16.9	2513.4
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1/1/2016	6:30:00	0	156.644	16.9	2513.4
1/1/2016	6:45:00	0	156.639	16.9	2512.2
1/1/2016	7:00:00	0	156.695	16.9	2513.4

1/1/2016	7:15:00	0	156.678	16.9	2513.4
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1/1/2016	7:45:00	0	156.673	16.9	2512.2
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1/1/2016	9:15:00	0	156.696	16.9	2512.2
1/1/2016	9:30:00	0	156.666	16.9	2512.2
1/1/2016	9:45:00	0	156.722	16.9	2512.2
1/1/2016	10:00:00	0	156.676	16.9	2512.2
1/1/2016	10:15:00	0	156.674	16.9	2512.2
1/1/2016	10:30:00	0	156.669	16.9	2512.2
1/1/2016	10:45:00	0	156.672	16.9	2512.2
1/1/2016	11:00:00	0	156.677	16.9	2512.2
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1/1/2016	12:00:00	0	156.719	16.9	2512.2
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1/1/2016	16:00:00	0	156.679	16.9	2512.2
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1/1/2016	17:45:00	0	156.692	16.9	2513.4
1/1/2016	18:00:00	0	156.653	16.9	2513.4
1/1/2016	18:15:00	0	156.629	16.9	2513.4
1/1/2016	18:30:00	0	156.626	16.9	2513.4
1/1/2016	18:45:00	0	156.628	16.9	2512.2

1/1/2016	19:00:00	0	156.607	16.9	2512.2
1/1/2016	19:15:00	0	156.624	16.9	2511.1
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1/1/2016	19:45:00	0	156.623	16.9	2512.2
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1/1/2016	23:45:00	0	156.549	16.9	2512.2
1/2/2016	0:00:00	0	156.513	16.9	2512.2
1/2/2016	0:15:00	0	156.473	16.9	2513.4
1/2/2016	0:30:00	0	156.503	16.9	2513.4
1/2/2016	0:45:00	0	156.466	16.9	2512.2
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1/2/2016	1:30:00	0	156.493	16.9	2512.2
1/2/2016	1:45:00	0	156.462	16.9	2512.2
1/2/2016	2:00:00	0	156.498	16.9	2512.2
1/2/2016	2:15:00	0	156.503	16.9	2512.2
1/2/2016	2:30:00	0	156.522	16.9	2511.1
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1/2/2016	3:45:00	0	156.588	16.9	2511.1
1/2/2016	4:00:00	0	156.589	16.9	2511.1
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1/2/2016	5:30:00	0	156.637	16.9	2512.2
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1/2/2016	6:00:00	0	156.678	16.9	2513.4
1/2/2016	6:15:00	0	156.677	16.9	2513.4
1/2/2016	6:30:00	0	156.694	16.9	2513.4

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1/2/2016	7:00:00	0	156.735	16.9	2514.6
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1/2/2016	8:00:00	0	156.755	16.9	2514.6
1/2/2016	8:15:00	0	156.711	16.9	2514.6
1/2/2016	8:30:00	0	156.752	16.9	2516.9
1/2/2016	8:45:00	0	156.726	16.9	2516.9
1/2/2016	9:00:00	0	156.763	16.9	2516.9
1/2/2016	9:15:00	0	156.786	16.9	2516.9
1/2/2016	9:30:00	0	156.728	16.9	2516.9
1/2/2016	9:45:00	0	156.752	16.9	2516.9
1/2/2016	10:00:00	0	156.707	16.9	2516.9
1/2/2016	10:15:00	0	156.666	16.9	2518.1
1/2/2016	10:30:00	0	156.589	16.9	2516.9
1/2/2016	10:45:00	0	156.571	16.9	2514.6
1/2/2016	11:00:00	0	156.501	16.9	2516.9
1/2/2016	11:15:00	0	156.489	16.9	2516.9
1/2/2016	11:30:00	0	156.476	16.9	2514.6
1/2/2016	11:45:00	0	156.423	16.9	2516.9
1/2/2016	12:00:00	0	156.415	16.9	2513.4
1/2/2016	12:15:00	0	156.349	16.9	2514.6
1/2/2016	12:30:00	0	156.378	16.9	2514.6
1/2/2016	12:45:00	0	156.346	16.9	2514.6
1/2/2016	13:00:00	0	156.41	16.9	2513.4
1/2/2016	13:15:00	0	156.453	16.9	2513.4
1/2/2016	13:30:00	0	156.382	16.9	2513.4
1/2/2016	13:45:00	0	156.46	16.9	2514.6
1/2/2016	14:00:00	0	156.482	16.9	2513.4
1/2/2016	14:15:00	0	156.482	16.9	2513.4
1/2/2016	14:30:00	0	156.461	16.9	2514.6
1/2/2016	14:45:00	0	156.485	16.9	2514.6
1/2/2016	15:00:00	0	156.511	16.9	2513.4
1/2/2016	15:15:00	0	156.499	16.9	2514.6
1/2/2016	15:30:00	0	156.504	16.9	2513.4
1/2/2016	15:45:00	0	156.463	16.9	2513.4
1/2/2016	16:00:00	0	156.525	16.9	2513.4
1/2/2016	16:15:00	0	156.449	16.9	2513.4
1/2/2016	16:30:00	0	156.512	16.9	2513.4
1/2/2016	16:45:00	0	156.51	16.9	2513.4
1/2/2016	17:00:00	0	156.515	16.8	2517.7
1/2/2016	17:15:00	0	156.493	16.9	2516.9
1/2/2016	17:30:00	0	156.497	16.9	2516.9
1/2/2016	17:45:00	0	156.501	16.9	2518.1
1/2/2016	18:00:00	0	156.463	16.9	2519.2
1/2/2016	18:15:00	0	156.468	16.9	2518.1

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1/2/2016	19:00:00	0	156.434	16.9	2518.1
1/2/2016	19:15:00	0	156.471	16.9	2516.9
1/2/2016	19:30:00	0	156.386	16.9	2516.9
1/2/2016	19:45:00	0	156.442	16.9	2516.9
1/2/2016	20:00:00	0	156.438	16.9	2516.9
1/2/2016	20:15:00	0	156.435	16.9	2516.9
1/2/2016	20:30:00	0	156.468	16.9	2514.6
1/2/2016	20:45:00	0	156.427	16.9	2516.9
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1/2/2016	21:15:00	0	156.439	16.9	2516.9
1/2/2016	21:30:00	0	156.481	16.9	2516.9
1/2/2016	21:45:00	0	156.442	16.9	2514.6
1/2/2016	22:00:00	0	156.438	16.9	2516.9
1/2/2016	22:15:00	0	156.441	16.9	2514.6
1/2/2016	22:30:00	0	156.433	16.9	2514.6
1/2/2016	22:45:00	0	156.462	16.9	2514.6
1/2/2016	23:00:00	0	156.427	16.9	2514.6
1/2/2016	23:15:00	0	156.427	16.9	2514.6
1/2/2016	23:30:00	0	156.402	16.9	2513.4
1/2/2016	23:45:00	0	156.465	16.9	2513.4
1/3/2016	0:00:00	0	156.434	16.9	2513.4
1/3/2016	0:15:00	0	156.436	16.9	2513.4
1/3/2016	0:30:00	0	156.424	16.9	2513.4
1/3/2016	0:45:00	0	156.487	16.9	2512.2
1/3/2016	1:00:00	0	156.508	16.9	2512.2
1/3/2016	1:15:00	0	156.448	16.9	2512.2
1/3/2016	1:30:00	0	156.469	16.9	2511.1
1/3/2016	1:45:00	0	156.488	16.9	2512.2
1/3/2016	2:00:00	0	156.487	16.9	2512.2
1/3/2016	2:15:00	0	156.506	16.9	2511.1
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1/3/2016	3:00:00	0	156.552	16.9	2511.1
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1/3/2016	4:30:00	0	156.605	16.9	2512.2
1/3/2016	4:45:00	0	156.606	16.9	2512.2
1/3/2016	5:00:00	0	156.609	16.9	2512.2
1/3/2016	5:15:00	0	156.611	16.9	2512.2
1/3/2016	5:30:00	0	156.591	16.9	2512.2
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1/3/2016	6:00:00	0	156.674	16.9	2513.4

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1/3/2016	6:45:00	0	156.634	16.9	2512.2
1/3/2016	7:00:00	0	156.656	16.9	2511.1
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1/3/2016	9:15:00	0	156.696	16.9	2521.5
1/3/2016	9:30:00	0	156.715	16.9	2521.5
1/3/2016	9:45:00	0	156.758	16.9	2520.4
1/3/2016	10:00:00	0	156.74	16.9	2520.4
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1/3/2016	10:30:00	0	156.692	16.9	2520.4
1/3/2016	10:45:00	0	156.734	16.9	2519.2
1/3/2016	11:00:00	0	156.705	16.9	2519.2
1/3/2016	11:15:00	0	156.75	16.9	2519.2
1/3/2016	11:30:00	0	156.778	16.9	2519.2
1/3/2016	11:45:00	0	156.747	16.8	2523.6
1/3/2016	12:00:00	0	156.759	16.8	2522.4
1/3/2016	12:15:00	0	156.709	16.9	2519.2
1/3/2016	12:30:00	0	156.682	16.9	2519.2
1/3/2016	12:45:00	0	156.652	16.9	2518.1
1/3/2016	13:00:00	0	156.605	16.9	2519.2
1/3/2016	13:15:00	0	156.592	16.9	2519.2
1/3/2016	13:30:00	0	156.522	16.9	2519.2
1/3/2016	13:45:00	0	156.489	16.9	2518.1
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1/3/2016	15:15:00	0	156.516	16.9	2518.1
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1/3/2016	16:00:00	0	156.545	16.9	2516.9
1/3/2016	16:15:00	0	156.49	16.9	2514.6
1/3/2016	16:30:00	0	156.467	16.9	2513.4
1/3/2016	16:45:00	0	156.446	16.9	2513.4
1/3/2016	17:00:00	0	156.466	16.9	2513.4
1/3/2016	17:15:00	0	156.467	16.9	2513.4
1/3/2016	17:30:00	0	156.467	16.9	2513.4
1/3/2016	17:45:00	0	156.526	16.9	2513.4

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1/3/2016	19:30:00	0	156.512	16.9	2512.2
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1/3/2016	21:45:00	0	156.603	16.9	2512.2
1/3/2016	22:00:00	0	156.662	16.9	2512.2
1/3/2016	22:15:00	0	156.678	16.9	2513.4
1/3/2016	22:30:00	0	156.714	16.9	2512.2
1/3/2016	22:45:00	0	156.656	16.8	2517.7
1/3/2016	23:00:00	0	156.679	16.9	2512.2
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1/4/2016	1:45:00	0	156.659	16.9	2512.2
1/4/2016	2:00:00	0	156.675	16.9	2512.2
1/4/2016	2:15:00	0	156.697	16.9	2511.1
1/4/2016	2:30:00	0	156.697	16.9	2511.1
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1/4/2016	3:00:00	0	156.742	16.9	2511.1
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1/4/2016	4:00:00	0	156.798	16.9	2511.1
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1/4/2016	4:45:00	0	156.83	16.9	2508.8
1/4/2016	5:00:00	0	156.872	16.9	2508.8
1/4/2016	5:15:00	0	156.83	16.9	2508.8
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1/4/2016	6:45:00	0	156.781	16.9	2508.8
1/4/2016	7:00:00	0	156.824	16.9	2511.1
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1/4/2016	7:30:00	0	156.86	16.9	2508.8
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1/4/2016	11:30:00	0	156.824	16.9	2507.6
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1/4/2016	12:00:00	0	156.856	16.9	2506.4
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1/4/2016	18:15:00	0	157.04	16.9	2506.4
1/4/2016	18:30:00	0	157.04	16.9	2505.3
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1/4/2016	19:00:00	0	157.057	16.8	2510.7
1/4/2016	19:15:00	0	157.06	16.8	2510.7
1/4/2016	19:30:00	0	157.041	16.8	2510.7
1/4/2016	19:45:00	0	157.091	16.9	2507.6
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1/4/2016	20:30:00	0	157.073	16.9	2507.6
1/4/2016	20:45:00	0	157.075	16.9	2507.6
1/4/2016	21:00:00	0	157.079	16.9	2507.6
1/4/2016	21:15:00	0	157.124	16.9	2507.6
1/4/2016	21:30:00	0	157.085	16.9	2507.6
1/4/2016	21:45:00	0	157.093	16.9	2507.6
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1/4/2016	22:15:00	0	157.104	16.9	2507.6
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1/4/2016	23:15:00	0	157.152	16.9	2507.6
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1/5/2016	0:00:00	0	157.167	16.9	2508.8
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1/5/2016	0:30:00	0	157.177	16.9	2508.8
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1/5/2016	2:00:00	0	157.239	16.9	2508.8
1/5/2016	2:15:00	0	157.2	16.9	2508.8
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1/5/2016	2:45:00	0	157.248	16.9	2507.6
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1/5/2016	12:45:00	0	157.384	16.9	2505.3
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1/5/2016	15:45:00	0	157.395	16.9	2504.1
1/5/2016	16:00:00	0	157.41	16.9	2504.1
1/5/2016	16:15:00	0	157.402	16.9	2504.1
1/5/2016	16:30:00	0	157.38	16.9	2504.1
1/5/2016	16:45:00	0	157.374	16.9	2504.1

1/5/2016	17:00:00	0	157.388	16.9	2504.1
1/5/2016	17:15:00	0	157.403	16.9	2501.8
1/5/2016	17:30:00	0	157.409	16.9	2501.8
1/5/2016	17:45:00	0	157.408	16.9	2501.8
1/5/2016	18:00:00	0	157.404	16.9	2501.8
1/5/2016	18:15:00	0	157.383	16.9	2501.8
1/5/2016	18:30:00	0	157.398	16.9	2501.8
1/5/2016	18:45:00	0	157.415	16.9	2501.8
1/5/2016	19:00:00	0	157.394	16.9	2501.8
1/5/2016	19:15:00	0	157.391	16.9	2501.8
1/5/2016	19:30:00	0	157.407	16.9	2501.8
1/5/2016	19:45:00	0	157.423	16.9	2500.6
1/5/2016	20:00:00	0	157.378	16.9	2501.8
1/5/2016	20:15:00	0	157.353	16.9	2500.6
1/5/2016	20:30:00	0	157.368	16.9	2500.6
1/5/2016	20:45:00	0	157.426	16.9	2500.6
1/5/2016	21:00:00	0	157.407	16.9	2501.8
1/5/2016	21:15:00	0	157.379	16.9	2500.6
1/5/2016	21:30:00	0	157.337	16.9	2501.8
1/5/2016	21:45:00	0	157.395	16.9	2504.1
1/5/2016	22:00:00	0	157.435	16.9	2501.8
1/5/2016	22:15:00	0	157.391	16.9	2501.8
1/5/2016	22:30:00	0	157.38	16.9	2501.8
1/5/2016	22:45:00	0	157.413	16.9	2504.1
1/5/2016	23:00:00	0	157.358	16.9	2504.1
1/5/2016	23:15:00	0	157.38	16.9	2504.1
1/5/2016	23:30:00	0	157.402	16.9	2504.1
1/5/2016	23:45:00	0	157.393	16.9	2504.1
1/6/2016	0:00:00	0	157.437	16.9	2504.1
1/6/2016	0:15:00	0	157.383	16.9	2504.1
1/6/2016	0:30:00	0	157.424	16.9	2504.1
1/6/2016	0:45:00	0	157.409	16.9	2501.8
1/6/2016	1:00:00	0	157.417	16.9	2505.3
1/6/2016	1:15:00	0	157.408	16.9	2504.1
1/6/2016	1:30:00	0	157.429	16.9	2504.1
1/6/2016	1:45:00	0	157.417	16.9	2504.1
1/6/2016	2:00:00	0	157.438	16.9	2504.1
1/6/2016	2:15:00	0	157.429	16.9	2504.1
1/6/2016	2:30:00	0	157.414	16.9	2504.1
1/6/2016	2:45:00	0	157.441	16.9	2504.1
1/6/2016	3:00:00	0	157.472	16.9	2504.1
1/6/2016	3:15:00	0	157.447	16.9	2504.1
1/6/2016	3:30:00	0	157.433	16.9	2501.8
1/6/2016	3:45:00	0	157.449	16.8	2506.1
1/6/2016	4:00:00	0	157.491	16.8	2508.4
1/6/2016	4:15:00	0	157.467	16.9	2504.1
1/6/2016	4:30:00	0	157.489	16.9	2504.1

1/6/2016	4:45:00	0	157.45	16.9	2505.3
1/6/2016	5:00:00	0	157.504	16.8	2510.7
1/6/2016	5:15:00	0	157.526	16.9	2506.4
1/6/2016	5:30:00	0	157.496	16.9	2507.6
1/6/2016	5:45:00	0	157.489	16.9	2507.6
1/6/2016	6:00:00	0	157.526	16.9	2507.6
1/6/2016	6:15:00	0	157.527	16.9	2507.6
1/6/2016	6:30:00	0	157.516	16.9	2507.6
1/6/2016	6:45:00	0	157.506	16.9	2507.6
1/6/2016	7:00:00	0	157.511	16.9	2507.6
1/6/2016	7:15:00	0	157.534	16.9	2507.6
1/6/2016	7:30:00	0	157.548	16.9	2507.6
1/6/2016	7:45:00	0	157.522	16.9	2507.6
1/6/2016	8:00:00	0	157.523	16.9	2507.6
1/6/2016	8:15:00	0	157.527	16.9	2507.6
1/6/2016	8:30:00	0	157.566	16.9	2507.6
1/6/2016	8:45:00	0	157.57	16.9	2507.6
1/6/2016	9:00:00	0	157.544	16.9	2507.6
1/6/2016	9:15:00	0	157.533	16.9	2507.6
1/6/2016	9:30:00	0	157.524	16.9	2506.4
1/6/2016	9:45:00	0	157.536	16.9	2506.4
1/6/2016	10:00:00	0	157.547	16.9	2506.4
1/6/2016	10:15:00	0	157.548	16.9	2506.4
1/6/2016	10:30:00	0	157.588	16.9	2505.3
1/6/2016	10:45:00	0	157.556	16.9	2506.4
1/6/2016	11:00:00	0	157.586	16.9	2505.3
1/6/2016	11:15:00	0	157.563	16.9	2505.3
1/6/2016	11:30:00	0	157.546	16.9	2505.3
1/6/2016	11:45:00	0	157.586	16.9	2506.4
1/6/2016	12:00:00	0	157.574	16.9	2506.4
1/6/2016	12:15:00	0	157.58	16.9	2505.3
1/6/2016	12:30:00	0	157.604	16.8	2509.6
1/6/2016	12:45:00	0	157.568	16.9	2506.4
1/6/2016	13:00:00	0	157.573	16.9	2506.4
1/6/2016	13:15:00	0	157.592	16.8	2510.7
1/6/2016	13:30:00	0	157.615	16.9	2506.4
1/6/2016	13:45:00	0	157.567	16.8	2510.7
1/6/2016	14:00:00	0	157.611	16.8	2511.9
1/6/2016	14:15:00	0	157.616	16.9	2508.8
1/6/2016	14:30:00	0	157.62	16.9	2508.8
1/6/2016	14:45:00	0	157.558	16.9	2508.8
1/6/2016	15:00:00	0	157.611	16.8	2513.1
1/6/2016	15:15:00	0	157.651	16.8	2515.4
1/6/2016	15:30:00	0	157.65	16.8	2515.4
1/6/2016	15:45:00	0	157.607	16.8	2516.6
1/6/2016	16:00:00	0	157.609	16.9	2512.2
1/6/2016	16:15:00	0	157.585	16.9	2513.4

1/6/2016	16:30:00	0	157.62	16.9	2512.2
1/6/2016	16:45:00	0	157.604	16.9	2512.2
1/6/2016	17:00:00	0	157.581	16.9	2512.2
1/6/2016	17:15:00	0	157.581	16.9	2512.2
1/6/2016	17:30:00	0	157.626	16.9	2513.4
1/6/2016	17:45:00	0	157.643	16.9	2513.4
1/6/2016	18:00:00	0	157.602	16.9	2513.4
1/6/2016	18:15:00	0	157.619	16.9	2513.4
1/6/2016	18:30:00	0	157.594	16.9	2513.4
1/6/2016	18:45:00	0	157.614	16.9	2512.2
1/6/2016	19:00:00	0	157.649	16.9	2512.2
1/6/2016	19:15:00	0	157.586	16.9	2512.2
1/6/2016	19:30:00	0	157.6	16.9	2512.2
1/6/2016	19:45:00	0	157.618	16.9	2512.2
1/6/2016	20:00:00	0	157.597	16.9	2512.2
1/6/2016	20:15:00	0	157.62	16.9	2512.2
1/6/2016	20:30:00	0	157.61	16.9	2512.2
1/6/2016	20:45:00	0	157.6	16.9	2512.2
1/6/2016	21:00:00	0	157.64	16.9	2512.2
1/6/2016	21:15:00	0	157.639	16.9	2511.1
1/6/2016	21:30:00	0	157.617	16.9	2511.1
1/6/2016	21:45:00	0	157.635	16.9	2511.1
1/6/2016	22:00:00	0	157.609	16.9	2511.1
1/6/2016	22:15:00	0	157.564	16.9	2511.1
1/6/2016	22:30:00	0	157.599	16.9	2511.1
1/6/2016	22:45:00	0	157.617	16.8	2513.1
1/6/2016	23:00:00	0	157.606	16.9	2508.8
1/6/2016	23:15:00	0	157.65	16.9	2511.1
1/6/2016	23:30:00	0	157.59	16.9	2508.8
1/6/2016	23:45:00	0	157.613	16.9	2511.1

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: μ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/31/2015	0:00:00	0	107.091	17.7	1501.3
12/31/2015	0:15:00	0	108.078	17.7	1502.4
12/31/2015	0:30:00	0	107.807	17.7	1501.3
12/31/2015	0:45:00	0	106.925	17.7	1502.4
12/31/2015	1:00:00	0	107.853	17.7	1502.4
12/31/2015	1:15:00	0	107.578	17.7	1502.4
12/31/2015	1:30:00	0	107.4	17.7	1502.4
12/31/2015	1:45:00	0	107.082	17.7	1502.4
12/31/2015	2:00:00	0	107.592	17.7	1502.4
12/31/2015	2:15:00	0	108.281	17.7	1501.3
12/31/2015	2:30:00	0	107.253	17.7	1502.4
12/31/2015	2:45:00	0	108.216	17.7	1502.4
12/31/2015	3:00:00	0	107.965	17.7	1502.4
12/31/2015	3:15:00	0	107.927	17.7	1502.4
12/31/2015	3:30:00	0	107.829	17.7	1502.4
12/31/2015	3:45:00	0	107.496	17.7	1500.1
12/31/2015	4:00:00	0	108.131	17.7	1500.1
12/31/2015	4:15:00	0	107.325	17.7	1499
12/31/2015	4:30:00	0	107.188	17.7	1499
12/31/2015	4:45:00	0	108.506	17.7	1499
12/31/2015	5:00:00	0	107.349	17.7	1497.8
12/31/2015	5:15:00	0	107.426	17.7	1497.8
12/31/2015	5:30:00	0	107.64	17.7	1497.8
12/31/2015	5:45:00	0	107.485	17.7	1500.1
12/31/2015	6:00:00	0	107.567	17.7	1500.1
12/31/2015	6:15:00	0	108.042	17.7	1500.1
12/31/2015	6:30:00	0	107.274	17.7	1500.1
12/31/2015	6:45:00	0	108.077	17.7	1500.1
12/31/2015	7:00:00	0	107.031	17.7	1500.1
12/31/2015	7:15:00	0	107.369	17.7	1499
12/31/2015	7:30:00	0	107.266	17.7	1500.1

12/31/2015	7:45:00	0	107.387	17.7	1499
12/31/2015	8:00:00	0	107.269	17.7	1497.8
12/31/2015	8:15:00	0	108.636	17.7	1497.8
12/31/2015	8:30:00	0	107.586	17.7	1496.7
12/31/2015	8:45:00	0	107.972	17.7	1497.8
12/31/2015	9:00:00	0	108.125	17.7	1497.8
12/31/2015	9:15:00	0	107.331	17.7	1499
12/31/2015	9:30:00	0	107.777	17.7	1500.1
12/31/2015	9:45:00	0	108.072	17.7	1497.8
12/31/2015	10:00:00	0	107.531	17.7	1500.1
12/31/2015	10:15:00	0	107.748	17.7	1499
12/31/2015	10:30:00	0	107.355	17.7	1499
12/31/2015	10:45:00	0	108.108	17.7	1499
12/31/2015	11:00:00	0	108.152	17.7	1496.7
12/31/2015	11:15:00	0	107.977	17.7	1497.8
12/31/2015	11:30:00	0	107.687	17.7	1497.8
12/31/2015	11:45:00	0	107.024	17.7	1496.7
12/31/2015	12:00:00	0	107.427	17.7	1496.7
12/31/2015	12:15:00	0	107.97	17.7	1496.7
12/31/2015	12:30:00	0	107.649	17.7	1495.5
12/31/2015	12:45:00	0	107.932	17.7	1495.5
12/31/2015	13:00:00	0	107.644	17.7	1495.5
12/31/2015	13:15:00	0	108.18	17.7	1497.8
12/31/2015	13:30:00	0	107.319	17.7	1497.8
12/31/2015	13:45:00	0	107.542	17.7	1500.1
12/31/2015	14:00:00	0	107.982	17.7	1499
12/31/2015	14:15:00	0	107.359	17.7	1500.1
12/31/2015	14:30:00	0	107.047	17.7	1500.1
12/31/2015	14:45:00	0	107.54	17.7	1497.8
12/31/2015	15:00:00	0	107.113	17.7	1497.8
12/31/2015	15:15:00	0	108.182	17.7	1500.1
12/31/2015	15:30:00	0	107.793	17.7	1500.1
12/31/2015	15:45:00	0	107.894	17.7	1499
12/31/2015	16:00:00	0	108.09	17.7	1495.5
12/31/2015	16:15:00	0	108.229	17.7	1494.4
12/31/2015	16:30:00	0	107.006	17.7	1495.5
12/31/2015	16:45:00	0	107.793	17.7	1495.5
12/31/2015	17:00:00	0	106.985	17.7	1495.5
12/31/2015	17:15:00	0	107.122	17.7	1495.5
12/31/2015	17:30:00	0	108.243	17.7	1496.7
12/31/2015	17:45:00	0	107.729	17.7	1497.8
12/31/2015	18:00:00	0	107.154	17.7	1496.7
12/31/2015	18:15:00	0	107.905	17.7	1499
12/31/2015	18:30:00	0	108.081	17.7	1497.8
12/31/2015	18:45:00	0	107.473	17.7	1499
12/31/2015	19:00:00	0	108.043	17.7	1497.8
12/31/2015	19:15:00	0	107.488	17.7	1497.8

12/31/2015	19:30:00	0	107.725	17.7	1496.7
12/31/2015	19:45:00	0	107.664	17.7	1497.8
12/31/2015	20:00:00	0	107.108	17.7	1499
12/31/2015	20:15:00	0	106.995	17.7	1497.8
12/31/2015	20:30:00	0	107.567	17.7	1500.1
12/31/2015	20:45:00	0	107.449	17.7	1500.1
12/31/2015	21:00:00	0	107.552	17.7	1499
12/31/2015	21:15:00	0	107.357	17.7	1499
12/31/2015	21:30:00	0	107.537	17.7	1499
12/31/2015	21:45:00	0	107.283	17.7	1499
12/31/2015	22:00:00	0	108.075	17.7	1499
12/31/2015	22:15:00	0	107.682	17.7	1500.1
12/31/2015	22:30:00	0	107.226	17.7	1501.3
12/31/2015	22:45:00	0	108.037	17.7	1502.4
12/31/2015	23:00:00	0	106.961	17.7	1501.3
12/31/2015	23:15:00	0	107.619	17.7	1502.4
12/31/2015	23:30:00	0	107.505	17.7	1502.4
12/31/2015	23:45:00	0	107.388	17.7	1502.4
1/1/2016	0:00:00	0	106.995	17.7	1502.4
1/1/2016	0:15:00	0	107.275	17.7	1502.4
1/1/2016	0:30:00	0	108.084	17.7	1501.3
1/1/2016	0:45:00	0	107.776	17.7	1501.3
1/1/2016	1:00:00	0	107.781	17.7	1502.4
1/1/2016	1:15:00	0	107.801	17.7	1501.3
1/1/2016	1:30:00	0	107.701	17.7	1501.3
1/1/2016	1:45:00	0	107.839	17.7	1501.3
1/1/2016	2:00:00	0	106.714	17.7	1500.1
1/1/2016	2:15:00	0	106.907	17.7	1499
1/1/2016	2:30:00	0	107.987	17.7	1497.8
1/1/2016	2:45:00	0	107.791	17.7	1497.8
1/1/2016	3:00:00	0	106.847	17.7	1497.8
1/1/2016	3:15:00	0	107.836	17.7	1496.7
1/1/2016	3:30:00	0	107.582	17.7	1497.8
1/1/2016	3:45:00	0	107.272	17.7	1496.7
1/1/2016	4:00:00	0	107.235	17.7	1499
1/1/2016	4:15:00	0	107.078	17.7	1499
1/1/2016	4:30:00	0	106.81	17.7	1499
1/1/2016	4:45:00	0	107.363	17.7	1499
1/1/2016	5:00:00	0	106.984	17.7	1497.8
1/1/2016	5:15:00	0	107.69	17.7	1499
1/1/2016	5:30:00	0	108.024	17.7	1497.8
1/1/2016	5:45:00	0	107.625	17.7	1500.1
1/1/2016	6:00:00	0	107.245	17.7	1499
1/1/2016	6:15:00	0	107.793	17.7	1501.3
1/1/2016	6:30:00	0	107.904	17.7	1500.1
1/1/2016	6:45:00	0	107.958	17.7	1499
1/1/2016	7:00:00	0	107.6	17.7	1500.1

1/1/2016	7:15:00	0	107.682	17.7	1501.3
1/1/2016	7:30:00	0	108.034	17.7	1497.8
1/1/2016	7:45:00	0	106.791	17.7	1500.1
1/1/2016	8:00:00	0	107.872	17.7	1497.8
1/1/2016	8:15:00	0	107.903	17.7	1500.1
1/1/2016	8:30:00	0	107.284	17.7	1499
1/1/2016	8:45:00	0	108.479	17.7	1497.8
1/1/2016	9:00:00	0	107.31	17.7	1499
1/1/2016	9:15:00	0	107.759	17.7	1497.8
1/1/2016	9:30:00	0	107.748	17.7	1499
1/1/2016	9:45:00	0	107.745	17.7	1499
1/1/2016	10:00:00	0	107.582	17.7	1497.8
1/1/2016	10:15:00	0	107.245	17.7	1497.8
1/1/2016	10:30:00	0	107.988	17.7	1497.8
1/1/2016	10:45:00	0	108.523	17.7	1500.1
1/1/2016	11:00:00	0	107.386	17.7	1497.8
1/1/2016	11:15:00	0	108.219	17.7	1500.1
1/1/2016	11:30:00	0	107.985	17.7	1497.8
1/1/2016	11:45:00	0	108.777	17.7	1497.8
1/1/2016	12:00:00	0	108.038	17.7	1496.7
1/1/2016	12:15:00	0	108.282	17.7	1495.5
1/1/2016	12:30:00	0	107.791	17.7	1494.4
1/1/2016	12:45:00	0	108.249	17.7	1493.2
1/1/2016	13:00:00	0	107.72	17.7	1494.4
1/1/2016	13:15:00	0	107.845	17.7	1494.4
1/1/2016	13:30:00	0	107.672	17.7	1494.4
1/1/2016	13:45:00	0	108.283	17.7	1495.5
1/1/2016	14:00:00	0	108.092	17.7	1495.5
1/1/2016	14:15:00	0	107.047	17.7	1496.7
1/1/2016	14:30:00	0	108.465	17.7	1497.8
1/1/2016	14:45:00	0	107.97	17.7	1496.7
1/1/2016	15:00:00	0	107.404	17.7	1496.7
1/1/2016	15:15:00	0	108.171	17.7	1497.8
1/1/2016	15:30:00	0	108.585	17.7	1499
1/1/2016	15:45:00	0	107.308	17.7	1500.1
1/1/2016	16:00:00	0	108.175	17.7	1499
1/1/2016	16:15:00	0	107.546	17.7	1497.8
1/1/2016	16:30:00	0	108.001	17.7	1500.1
1/1/2016	16:45:00	0	107.905	17.7	1500.1
1/1/2016	17:00:00	0	107.118	17.7	1500.1
1/1/2016	17:15:00	0	108.105	17.7	1500.1
1/1/2016	17:30:00	0	107.614	17.7	1500.1
1/1/2016	17:45:00	0	108.011	17.7	1500.1
1/1/2016	18:00:00	0	107.952	17.7	1497.8
1/1/2016	18:15:00	0	107.869	17.7	1499
1/1/2016	18:30:00	0	107.118	17.7	1499
1/1/2016	18:45:00	0	107.809	17.7	1497.8

1/1/2016	19:00:00	0	108.143	17.7	1499
1/1/2016	19:15:00	0	108.219	17.7	1500.1
1/1/2016	19:30:00	0	107.432	17.7	1500.1
1/1/2016	19:45:00	0	107.686	17.7	1501.3
1/1/2016	20:00:00	0	107.956	17.7	1501.3
1/1/2016	20:15:00	0	107.345	17.7	1500.1
1/1/2016	20:30:00	0	108.286	17.7	1501.3
1/1/2016	20:45:00	0	107.635	17.7	1499
1/1/2016	21:00:00	0	107.924	17.7	1499
1/1/2016	21:15:00	0	108.556	17.7	1500.1
1/1/2016	21:30:00	0	107.689	17.7	1500.1
1/1/2016	21:45:00	0	107.749	17.7	1499
1/1/2016	22:00:00	0	107.847	17.7	1500.1
1/1/2016	22:15:00	0	107.727	17.7	1500.1
1/1/2016	22:30:00	0	107.39	17.7	1499
1/1/2016	22:45:00	0	107.685	17.7	1501.3
1/1/2016	23:00:00	0	107.366	17.7	1501.3
1/1/2016	23:15:00	0	107.549	17.7	1500.1
1/1/2016	23:30:00	0	107.806	17.7	1501.3
1/1/2016	23:45:00	0	107.455	17.7	1499
1/2/2016	0:00:00	0	107.635	17.7	1500.1
1/2/2016	0:15:00	0	107.359	17.7	1497.8
1/2/2016	0:30:00	0	107.448	17.7	1497.8
1/2/2016	0:45:00	0	107.292	17.7	1500.1
1/2/2016	1:00:00	0	108.004	17.7	1499
1/2/2016	1:15:00	0	107.732	17.7	1502.4
1/2/2016	1:30:00	0	107.93	17.7	1502.4
1/2/2016	1:45:00	0	108.037	17.7	1502.4
1/2/2016	2:00:00	0	107.069	17.7	1502.4
1/2/2016	2:15:00	0	107.645	17.7	1504.7
1/2/2016	2:30:00	0	108.156	17.7	1503.6
1/2/2016	2:45:00	0	107.916	17.7	1504.7
1/2/2016	3:00:00	0	108.032	17.7	1504.7
1/2/2016	3:15:00	0	107.208	17.7	1504.7
1/2/2016	3:30:00	0	107.51	17.7	1502.4
1/2/2016	3:45:00	0	108.045	17.7	1502.4
1/2/2016	4:00:00	0	107.77	17.7	1502.4
1/2/2016	4:15:00	0	108.008	17.7	1504.7
1/2/2016	4:30:00	0	108.309	17.7	1502.4
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1/2/2016	5:00:00	0	107.184	17.7	1502.4
1/2/2016	5:15:00	0	108.424	17.7	1503.6
1/2/2016	5:30:00	0	107.228	17.7	1503.6
1/2/2016	5:45:00	0	108.035	17.7	1502.4
1/2/2016	6:00:00	0	107.8	17.7	1501.3
1/2/2016	6:15:00	0	107.346	17.7	1502.4
1/2/2016	6:30:00	0	107.54	17.7	1501.3

1/2/2016	6:45:00	0	108.623	17.7	1502.4
1/2/2016	7:00:00	0	107.64	17.7	1504.7
1/2/2016	7:15:00	0	108.075	17.7	1503.6
1/2/2016	7:30:00	0	106.578	17.7	1503.6
1/2/2016	7:45:00	0	108.509	17.7	1504.7
1/2/2016	8:00:00	0	107.778	17.7	1504.7
1/2/2016	8:15:00	0	107.636	17.7	1503.6
1/2/2016	8:30:00	0	108.011	17.7	1502.4
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1/2/2016	9:00:00	0	108.377	17.7	1500.1
1/2/2016	9:15:00	0	107.672	17.7	1499
1/2/2016	9:30:00	0	108.047	17.7	1496.7
1/2/2016	9:45:00	0	107.952	17.7	1496.7
1/2/2016	10:00:00	0	107.967	17.7	1497.8
1/2/2016	10:15:00	0	107.847	17.7	1499
1/2/2016	10:30:00	0	107.987	17.7	1500.1
1/2/2016	10:45:00	0	108.264	17.7	1500.1
1/2/2016	11:00:00	0	108.213	17.7	1500.1
1/2/2016	11:15:00	0	107.473	17.7	1497.8
1/2/2016	11:30:00	0	108.779	17.7	1499
1/2/2016	11:45:00	0	108.805	17.7	1497.8
1/2/2016	12:00:00	0	107.478	17.7	1500.1
1/2/2016	12:15:00	0	108.435	17.7	1500.1
1/2/2016	12:30:00	0	108.11	17.7	1501.3
1/2/2016	12:45:00	0	108.177	17.7	1502.4
1/2/2016	13:00:00	0	108.142	17.7	1503.6
1/2/2016	13:15:00	0	107.279	17.7	1502.4
1/2/2016	13:30:00	0	107.563	17.7	1505.8
1/2/2016	13:45:00	0	107.306	17.7	1505.8
1/2/2016	14:00:00	0	107.585	17.7	1504.7
1/2/2016	14:15:00	0	107.27	17.7	1504.7
1/2/2016	14:30:00	0	106.716	17.7	1503.6
1/2/2016	14:45:00	0	106.544	17.7	1503.6
1/2/2016	15:00:00	0	107.101	17.7	1503.6
1/2/2016	15:15:00	0	106.795	17.7	1503.6
1/2/2016	15:30:00	0	106.366	17.7	1502.4
1/2/2016	15:45:00	0	106.975	17.7	1503.6
1/2/2016	16:00:00	0	105.974	17.7	1504.7
1/2/2016	16:15:00	0	106.823	17.7	1503.6
1/2/2016	16:30:00	0	106.748	17.7	1503.6
1/2/2016	16:45:00	0	107.258	17.7	1503.6
1/2/2016	17:00:00	0	106.318	17.7	1504.7
1/2/2016	17:15:00	0	106.493	17.7	1503.6
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1/2/2016	17:45:00	0	106.107	17.7	1507
1/2/2016	18:00:00	0	106.66	17.7	1507
1/2/2016	18:15:00	0	106.468	17.7	1505.8

1/2/2016	18:30:00	0	106.846	17.7	1505.8
1/2/2016	18:45:00	0	106.771	17.7	1505.8
1/2/2016	19:00:00	0	106.808	17.7	1505.8
1/2/2016	19:15:00	0	107.751	17.7	1505.8
1/2/2016	19:30:00	0	107.096	17.7	1504.7
1/2/2016	19:45:00	0	107.17	17.7	1504.7
1/2/2016	20:00:00	0	107.638	17.7	1507
1/2/2016	20:15:00	0	107.143	17.7	1507
1/2/2016	20:30:00	0	106.173	17.7	1505.8
1/2/2016	20:45:00	0	106.722	17.7	1508.1
1/2/2016	21:00:00	0	107.447	17.7	1504.7
1/2/2016	21:15:00	0	106.518	17.7	1507
1/2/2016	21:30:00	0	106.54	17.7	1505.8
1/2/2016	21:45:00	0	107.525	17.7	1503.6
1/2/2016	22:00:00	0	106.812	17.7	1503.6
1/2/2016	22:15:00	0	107.701	17.7	1503.6
1/2/2016	22:30:00	0	106.925	17.7	1500.1
1/2/2016	22:45:00	0	107.27	17.7	1501.3
1/2/2016	23:00:00	0	107.352	17.7	1503.6
1/2/2016	23:15:00	0	107.49	17.7	1504.7
1/2/2016	23:30:00	0	106.953	17.7	1502.4
1/2/2016	23:45:00	0	107.174	17.7	1503.6
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1/3/2016	2:00:00	0	106.901	17.7	1503.6
1/3/2016	2:15:00	0	107.648	17.7	1504.7
1/3/2016	2:30:00	0	107.474	17.7	1505.8
1/3/2016	2:45:00	0	107.274	17.7	1505.8
1/3/2016	3:00:00	0	107.871	17.7	1504.7
1/3/2016	3:15:00	0	107.442	17.7	1507
1/3/2016	3:30:00	0	108.236	17.7	1504.7
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1/3/2016	4:45:00	0	108.141	17.7	1503.6
1/3/2016	5:00:00	0	107.16	17.7	1500.1
1/3/2016	5:15:00	0	107.438	17.7	1501.3
1/3/2016	5:30:00	0	107.95	17.7	1501.3
1/3/2016	5:45:00	0	107.91	17.7	1501.3
1/3/2016	6:00:00	0	108.032	17.7	1500.1

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1/3/2016	6:30:00	0	107.42	17.7	1500.1
1/3/2016	6:45:00	0	107.757	17.7	1502.4
1/3/2016	7:00:00	0	107.562	17.7	1501.3
1/3/2016	7:15:00	0	108.269	17.7	1503.6
1/3/2016	7:30:00	0	107.541	17.7	1501.3
1/3/2016	7:45:00	0	107.81	17.7	1502.4
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1/3/2016	8:45:00	0	107.764	17.7	1501.3
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1/3/2016	9:30:00	0	110.317	17.7	1500.1
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1/3/2016	10:00:00	0	109.732	17.7	1501.3
1/3/2016	10:15:00	0	112.194	17.7	1502.4
1/3/2016	10:30:00	0	109.448	17.7	1503.6
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1/3/2016	11:30:00	0	110.203	17.7	1500.1
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1/3/2016	12:00:00	0	110.086	17.7	1502.4
1/3/2016	12:15:00	0	109.701	17.7	1502.4
1/3/2016	12:30:00	0	109.241	17.7	1503.6
1/3/2016	12:45:00	0	109.526	17.7	1505.8
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1/3/2016	13:30:00	0	109.987	17.7	1504.7
1/3/2016	13:45:00	0	109.264	17.7	1504.7
1/3/2016	14:00:00	0	108.756	17.7	1507
1/3/2016	14:15:00	0	109.349	17.7	1510.4
1/3/2016	14:30:00	0	109.843	17.7	1510.4
1/3/2016	14:45:00	0	109.389	17.7	1509.3
1/3/2016	15:00:00	0	109.056	17.7	1509.3
1/3/2016	15:15:00	0	109.056	17.7	1510.4
1/3/2016	15:30:00	0	108.863	17.7	1512.7
1/3/2016	15:45:00	0	108.315	17.7	1510.4
1/3/2016	16:00:00	0	109.262	17.7	1509.3
1/3/2016	16:15:00	0	109.6	17.7	1511.6
1/3/2016	16:30:00	0	109.696	17.7	1510.4
1/3/2016	16:45:00	0	108.887	17.7	1510.4
1/3/2016	17:00:00	0	109.006	17.7	1509.3
1/3/2016	17:15:00	0	108.593	17.7	1511.6
1/3/2016	17:30:00	0	108.633	17.7	1510.4
1/3/2016	17:45:00	0	109.223	17.7	1508.1

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1/3/2016	18:15:00	0	108.533	17.7	1512.7
1/3/2016	18:30:00	0	108.786	17.7	1511.6
1/3/2016	18:45:00	0	108.29	17.7	1511.6
1/3/2016	19:00:00	0	108.622	17.7	1510.4
1/3/2016	19:15:00	0	109.368	17.7	1511.6
1/3/2016	19:30:00	0	109.091	17.7	1508.1
1/3/2016	19:45:00	0	108.344	17.7	1505.8
1/3/2016	20:00:00	0	109.626	17.7	1510.4
1/3/2016	20:15:00	0	109.486	17.7	1512.7
1/3/2016	20:30:00	0	108.623	17.7	1507
1/3/2016	20:45:00	0	108.171	17.7	1510.4
1/3/2016	21:00:00	0	108.707	17.7	1510.4
1/3/2016	21:15:00	0	109.476	17.7	1511.6
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1/3/2016	22:15:00	0	108.548	17.7	1512.7
1/3/2016	22:30:00	0	109.47	17.7	1513.9
1/3/2016	22:45:00	0	108.841	17.7	1512.7
1/3/2016	23:00:00	0	109.258	17.7	1509.3
1/3/2016	23:15:00	0	108.785	17.7	1511.6
1/3/2016	23:30:00	0	108.864	17.7	1509.3
1/3/2016	23:45:00	0	109.14	17.7	1510.4
1/4/2016	0:00:00	0	108.967	17.7	1509.3
1/4/2016	0:15:00	0	108.619	17.7	1505.8
1/4/2016	0:30:00	0	108.286	17.7	1507
1/4/2016	0:45:00	0	108.704	17.7	1508.1
1/4/2016	1:00:00	0	108.92	17.7	1508.1
1/4/2016	1:15:00	0	108.826	17.7	1510.4
1/4/2016	1:30:00	0	109.712	17.7	1509.3
1/4/2016	1:45:00	0	108.706	17.7	1508.1
1/4/2016	2:00:00	0	109.766	17.7	1509.3
1/4/2016	2:15:00	0	108.488	17.7	1509.3
1/4/2016	2:30:00	0	108.705	17.7	1504.7
1/4/2016	2:45:00	0	108.569	17.7	1505.8
1/4/2016	3:00:00	0	109.026	17.7	1507
1/4/2016	3:15:00	0	108.379	17.7	1508.1
1/4/2016	3:30:00	0	109.212	17.7	1508.1
1/4/2016	3:45:00	0	108.845	17.7	1507
1/4/2016	4:00:00	0	109.002	17.7	1508.1
1/4/2016	4:15:00	0	109.048	17.7	1508.1
1/4/2016	4:30:00	0	109.998	17.7	1509.3
1/4/2016	4:45:00	0	109.606	17.7	1508.1
1/4/2016	5:00:00	0	108.466	17.7	1507
1/4/2016	5:15:00	0	109.212	17.7	1508.1
1/4/2016	5:30:00	0	109.703	17.7	1508.1

1/4/2016	5:45:00	0	109.545	17.7	1508.1
1/4/2016	6:00:00	0	109.346	17.7	1507
1/4/2016	6:15:00	0	108.752	17.7	1508.1
1/4/2016	6:30:00	0	108.479	17.7	1509.3
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1/4/2016	7:30:00	0	109.065	17.7	1508.1
1/4/2016	7:45:00	0	109.272	17.7	1505.8
1/4/2016	8:00:00	0	108.663	17.7	1503.6
1/4/2016	8:15:00	0	108.334	17.7	1507
1/4/2016	8:30:00	0	108.565	17.7	1507
1/4/2016	8:45:00	0	109.604	17.7	1505.8
1/4/2016	9:00:00	0	108.814	17.7	1505.8
1/4/2016	9:15:00	0	109.066	17.7	1507
1/4/2016	9:30:00	0	109.293	17.7	1507
1/4/2016	9:45:00	0	108.634	17.7	1508.1
1/4/2016	10:00:00	0	108.643	17.7	1508.1
1/4/2016	10:15:00	0	109.031	17.7	1509.3
1/4/2016	10:30:00	0	109.314	17.7	1509.3
1/4/2016	10:45:00	0	109.748	17.7	1512.7
1/4/2016	11:00:00	0	109.675	17.7	1508.1
1/4/2016	11:15:00	0	109.11	17.7	1505.8
1/4/2016	11:30:00	0	108.832	17.7	1507
1/4/2016	11:45:00	0	108.836	17.7	1509.3
1/4/2016	12:00:00	0	109.435	17.7	1508.1
1/4/2016	12:15:00	0	108.888	17.7	1507
1/4/2016	12:30:00	0	109.228	17.7	1507
1/4/2016	12:45:00	0	109.744	17.7	1509.3
1/4/2016	13:00:00	0	109.3	17.7	1508.1
1/4/2016	13:15:00	0	109.462	17.7	1509.3
1/4/2016	13:30:00	0	109.388	17.7	1508.1
1/4/2016	13:45:00	0	109.589	17.7	1503.6
1/4/2016	14:00:00	0	109.079	17.7	1499
1/4/2016	14:15:00	0	109.162	17.7	1501.3
1/4/2016	14:30:00	0	109.675	17.7	1497.8
1/4/2016	14:45:00	0	109.594	17.7	1501.3
1/4/2016	15:00:00	0	108.773	17.7	1501.3
1/4/2016	15:15:00	0	109.124	17.7	1502.4
1/4/2016	15:30:00	0	108.599	17.7	1504.7
1/4/2016	15:45:00	0	109.703	17.7	1502.4
1/4/2016	16:00:00	0	108.602	17.7	1502.4
1/4/2016	16:15:00	0	108.191	17.7	1503.6
1/4/2016	16:30:00	0	109.547	17.7	1505.8
1/4/2016	16:45:00	0	109.915	17.7	1505.8
1/4/2016	17:00:00	0	108.946	17.7	1505.8
1/4/2016	17:15:00	0	108.51	17.7	1504.7

1/4/2016	17:30:00	0	109.145	17.7	1503.6
1/4/2016	17:45:00	0	109.691	17.7	1502.4
1/4/2016	18:00:00	0	108.688	17.7	1504.7
1/4/2016	18:15:00	0	109.382	17.7	1504.7
1/4/2016	18:30:00	0	110.071	17.7	1503.6
1/4/2016	18:45:00	0	109.17	17.7	1502.4
1/4/2016	19:00:00	0	108.73	17.7	1501.3
1/4/2016	19:15:00	0	109.599	17.7	1501.3
1/4/2016	19:30:00	0	109.383	17.7	1500.1
1/4/2016	19:45:00	0	109.374	17.7	1502.4
1/4/2016	20:00:00	0	109.599	17.7	1502.4
1/4/2016	20:15:00	0	108.534	17.7	1503.6
1/4/2016	20:30:00	0	109.081	17.7	1500.1
1/4/2016	20:45:00	0	109.221	17.7	1500.1
1/4/2016	21:00:00	0	109.993	17.7	1501.3
1/4/2016	21:15:00	0	109.525	17.7	1502.4
1/4/2016	21:30:00	0	108.975	17.7	1502.4
1/4/2016	21:45:00	0	108.904	17.7	1500.1
1/4/2016	22:00:00	0	109.204	17.7	1500.1
1/4/2016	22:15:00	0	108.266	17.7	1501.3
1/4/2016	22:30:00	0	109.306	17.7	1499
1/4/2016	22:45:00	0	109.332	17.7	1501.3
1/4/2016	23:00:00	0	109.157	17.7	1499
1/4/2016	23:15:00	0	108.687	17.7	1499
1/4/2016	23:30:00	0	108.829	17.7	1499
1/4/2016	23:45:00	0	108.599	17.7	1499
1/5/2016	0:00:00	0	108.899	17.7	1499
1/5/2016	0:15:00	0	108.847	17.7	1500.1
1/5/2016	0:30:00	0	108.869	17.7	1502.4
1/5/2016	0:45:00	0	109.066	17.7	1502.4
1/5/2016	1:00:00	0	108.895	17.7	1500.1
1/5/2016	1:15:00	0	108.999	17.7	1500.1
1/5/2016	1:30:00	0	109.383	17.7	1500.1
1/5/2016	1:45:00	0	109.033	17.7	1500.1
1/5/2016	2:00:00	0	109.207	17.7	1499
1/5/2016	2:15:00	0	109.227	17.7	1497.8
1/5/2016	2:30:00	0	108.224	17.7	1499
1/5/2016	2:45:00	0	109.257	17.7	1500.1
1/5/2016	3:00:00	0	108.736	17.7	1499
1/5/2016	3:15:00	0	108.663	17.7	1499
1/5/2016	3:30:00	0	108.808	17.7	1500.1
1/5/2016	3:45:00	0	108.703	17.7	1496.7
1/5/2016	4:00:00	0	109.376	17.7	1495.5
1/5/2016	4:15:00	0	109.068	17.7	1494.4
1/5/2016	4:30:00	0	109.113	17.7	1494.4
1/5/2016	4:45:00	0	109.02	17.7	1493.2
1/5/2016	5:00:00	0	109.758	17.7	1493.2

1/5/2016	5:15:00	0	108.722	17.7	1494.4
1/5/2016	5:30:00	0	108.817	17.7	1495.5
1/5/2016	5:45:00	0	108.504	17.7	1496.7
1/5/2016	6:00:00	0	109.1	17.7	1497.8
1/5/2016	6:15:00	0	109.123	17.7	1499
1/5/2016	6:30:00	0	109.557	17.7	1496.7
1/5/2016	6:45:00	0	109.159	17.7	1499
1/5/2016	7:00:00	0	108.654	17.7	1500.1
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1/5/2016	7:45:00	0	108.81	17.7	1497.8
1/5/2016	8:00:00	0	108.828	17.7	1497.8
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1/5/2016	8:30:00	0	108.994	17.7	1500.1
1/5/2016	8:45:00	0	108.788	17.7	1499
1/5/2016	9:00:00	0	109.289	17.7	1494.4
1/5/2016	9:15:00	0	108.751	17.7	1493.2
1/5/2016	9:30:00	0	109.457	17.7	1494.4
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1/5/2016	10:15:00	0	108.73	17.7	1500.1
1/5/2016	10:30:00	0	109.098	17.7	1497.8
1/5/2016	10:45:00	0	109.074	17.7	1499
1/5/2016	11:00:00	0	109.469	17.7	1499
1/5/2016	11:15:00	0	109.707	17.7	1495.5
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1/5/2016	11:45:00	0	108.74	17.7	1497.8
1/5/2016	12:00:00	0	110.23	17.7	1497.8
1/5/2016	12:15:00	0	109.185	17.7	1497.8
1/5/2016	12:30:00	0	109.874	17.7	1495.5
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1/5/2016	13:00:00	0	109.821	17.7	1496.7
1/5/2016	13:15:00	0	109.09	17.7	1495.5
1/5/2016	13:30:00	0	108.731	17.7	1495.5
1/5/2016	13:45:00	0	109.341	17.7	1495.5
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1/5/2016	14:30:00	0	109.299	17.7	1496.7
1/5/2016	14:45:00	0	109.964	17.7	1496.7
1/5/2016	15:00:00	0	109.49	17.7	1496.7
1/5/2016	15:15:00	0	109.74	17.7	1497.8
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1/5/2016	16:15:00	0	108.898	17.7	1495.5
1/5/2016	16:30:00	0	109.486	17.7	1494.4
1/5/2016	16:45:00	0	108.988	17.7	1494.4

1/5/2016	17:00:00	0	109.75	17.7	1494.4
1/5/2016	17:15:00	0	109.214	17.7	1495.5
1/5/2016	17:30:00	0	109.22	17.7	1495.5
1/5/2016	17:45:00	0	109.809	17.7	1495.5
1/5/2016	18:00:00	0	109.451	17.7	1494.4
1/5/2016	18:15:00	0	110.08	17.7	1493.2
1/5/2016	18:30:00	0	109.642	17.7	1493.2
1/5/2016	18:45:00	0	109.01	17.7	1495.5
1/5/2016	19:00:00	0	109.618	17.7	1495.5
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1/5/2016	20:45:00	0	109.709	17.7	1495.5
1/5/2016	21:00:00	0	109.001	17.7	1494.4
1/5/2016	21:15:00	0	108.934	17.7	1492.1
1/5/2016	21:30:00	0	109.187	17.7	1490.9
1/5/2016	21:45:00	0	109.028	17.7	1493.2
1/5/2016	22:00:00	0	109.344	17.7	1495.5
1/5/2016	22:15:00	0	109.32	17.7	1495.5
1/5/2016	22:30:00	0	109.467	17.7	1494.4
1/5/2016	22:45:00	0	109.047	17.7	1495.5
1/5/2016	23:00:00	0	109.602	17.7	1493.2
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1/6/2016	0:30:00	0	108.802	17.7	1494.4
1/6/2016	0:45:00	0	109.85	17.7	1494.4
1/6/2016	1:00:00	0	109.405	17.7	1493.2
1/6/2016	1:15:00	0	109.416	17.7	1493.2
1/6/2016	1:30:00	0	109.851	17.7	1493.2
1/6/2016	1:45:00	0	109.405	17.7	1493.2
1/6/2016	2:00:00	0	109.741	17.7	1495.5
1/6/2016	2:15:00	0	109.083	17.7	1495.5
1/6/2016	2:30:00	0	109.284	17.7	1494.4
1/6/2016	2:45:00	0	109.015	17.7	1492.1
1/6/2016	3:00:00	0	108.791	17.7	1492.1
1/6/2016	3:15:00	0	109.711	17.7	1489.8
1/6/2016	3:30:00	0	108.948	17.7	1489.8
1/6/2016	3:45:00	0	109.141	17.7	1489.8
1/6/2016	4:00:00	0	109.459	17.7	1489.8
1/6/2016	4:15:00	0	109.258	17.7	1490.9
1/6/2016	4:30:00	0	109.3	17.7	1493.2

1/6/2016	4:45:00	0	109.359	17.7	1493.2
1/6/2016	5:00:00	0	109.71	17.7	1490.9
1/6/2016	5:15:00	0	109.632	17.7	1490.9
1/6/2016	5:30:00	0	109.327	17.7	1490.9
1/6/2016	5:45:00	0	109.536	17.7	1489.8
1/6/2016	6:00:00	0	109.16	17.7	1490.9
1/6/2016	6:15:00	0	109.181	17.7	1490.9
1/6/2016	6:30:00	0	108.933	17.7	1490.9
1/6/2016	6:45:00	0	109.041	17.7	1493.2
1/6/2016	7:00:00	0	109.027	17.7	1492.1
1/6/2016	7:15:00	0	109.364	17.7	1493.2
1/6/2016	7:30:00	0	109.025	17.7	1493.2
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1/6/2016	8:00:00	0	109.353	17.7	1494.4
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1/6/2016	9:30:00	0	109.021	17.7	1494.4
1/6/2016	9:45:00	0	109.938	17.7	1495.5
1/6/2016	10:00:00	0	108.669	17.7	1495.5
1/6/2016	10:15:00	0	109.32	17.7	1493.2
1/6/2016	10:30:00	0	109.497	17.7	1489.8
1/6/2016	10:45:00	0	110.469	17.7	1488.7
1/6/2016	11:00:00	0	109.594	17.7	1489.8
1/6/2016	11:15:00	0	109.63	17.7	1493.2
1/6/2016	11:30:00	0	109.948	17.7	1494.4
1/6/2016	11:45:00	0	109.889	17.7	1493.2
1/6/2016	12:00:00	0	109.188	17.7	1493.2
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1/6/2016	12:30:00	0	109.356	17.7	1489.8
1/6/2016	12:45:00	0	108.926	17.7	1489.8
1/6/2016	13:00:00	0	109.049	17.7	1488.7
1/6/2016	13:15:00	0	108.519	17.7	1490.9
1/6/2016	13:30:00	0	109.879	17.7	1490.9
1/6/2016	13:45:00	0	108.807	17.7	1490.9
1/6/2016	14:00:00	0	108.339	17.7	1493.2
1/6/2016	14:15:00	0	108.856	17.7	1493.2
1/6/2016	14:30:00	0	109.687	17.7	1490.9
1/6/2016	14:45:00	0	109.566	17.7	1490.9
1/6/2016	15:00:00	0	109.068	17.7	1490.9
1/6/2016	15:15:00	0	109.877	17.7	1492.1
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1/6/2016	15:45:00	0	108.827	17.7	1490.9
1/6/2016	16:00:00	0	109.991	17.7	1493.2
1/6/2016	16:15:00	0	108.845	17.7	1495.5

1/6/2016	16:30:00	0	109.234	17.7	1495.5
1/6/2016	16:45:00	0	109.474	17.7	1494.4
1/6/2016	17:00:00	0	109.668	17.7	1493.2
1/6/2016	17:15:00	0	109.53	17.7	1493.2
1/6/2016	17:30:00	0	109.22	17.7	1493.2
1/6/2016	17:45:00	0	108.51	17.7	1490.9
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1/6/2016	18:15:00	0	108.879	17.7	1492.1
1/6/2016	18:30:00	0	109.858	17.7	1493.2
1/6/2016	18:45:00	0	109.996	17.7	1493.2
1/6/2016	19:00:00	0	108.535	17.7	1490.9
1/6/2016	19:15:00	0	109.338	17.7	1490.9
1/6/2016	19:30:00	0	108.328	17.7	1490.9
1/6/2016	19:45:00	0	108.937	17.7	1490.9
1/6/2016	20:00:00	0	108.483	17.7	1492.1
1/6/2016	20:15:00	0	108.664	17.7	1490.9
1/6/2016	20:30:00	0	108.319	17.7	1490.9
1/6/2016	20:45:00	0	108.624	17.7	1489.8
1/6/2016	21:00:00	0	108.644	17.7	1488.7
1/6/2016	21:15:00	0	108.958	17.7	1488.7
1/6/2016	21:30:00	0	109.172	17.7	1486.4
1/6/2016	21:45:00	0	109.15	17.7	1488.7
1/6/2016	22:00:00	0	109.046	17.7	1490.9
1/6/2016	22:15:00	0	108.548	17.7	1490.9
1/6/2016	22:30:00	0	108.209	17.7	1490.9
1/6/2016	22:45:00	0	108.955	17.7	1489.8
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1/6/2016	23:15:00	0	109.422	17.7	1489.8
1/6/2016	23:30:00	0	108.988	17.7	1488.7
1/6/2016	23:45:00	0	109.719	17.7	1488.7

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
12/31/2015	0:00:00		0 57.8508	16.043
12/31/2015	0:15:00		0 57.8522	16.042
12/31/2015	0:30:00		0 57.8547	16.042
12/31/2015	0:45:00		0 57.8622	16.042
12/31/2015	1:00:00		0 57.8692	16.044
12/31/2015	1:15:00		0 57.8717	16.044
12/31/2015	1:30:00		0 57.8752	16.044
12/31/2015	1:45:00		0 57.8713	16.042
12/31/2015	2:00:00		0 57.8788	16.042
12/31/2015	2:15:00		0 57.8805	16.044
12/31/2015	2:30:00		0 57.8822	16.044
12/31/2015	2:45:00		0 57.8895	16.043
12/31/2015	3:00:00		0 57.8862	16.043
12/31/2015	3:15:00		0 57.8917	16.042
12/31/2015	3:30:00		0 57.8944	16.041
12/31/2015	3:45:00		0 57.9033	16.042
12/31/2015	4:00:00		0 57.9099	16.042
12/31/2015	4:15:00		0 57.9076	16.041
12/31/2015	4:30:00		0 57.9144	16.042
12/31/2015	4:45:00		0 57.9185	16.039
12/31/2015	5:00:00		0 57.9249	16.041
12/31/2015	5:15:00		0 57.9282	16.041
12/31/2015	5:30:00		0 57.9277	16.04
12/31/2015	5:45:00		0 57.9383	16.039
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12/31/2015	6:15:00		0 57.9402	16.041
12/31/2015	6:30:00		0 57.9489	16.04
12/31/2015	6:45:00		0 57.95	16.042
12/31/2015	7:00:00		0 57.9523	16.042
12/31/2015	7:15:00		0 57.9547	16.042
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12/31/2015	8:00:00		0 57.9667	16.041

12/31/2015	8:15:00	0	57.9612	16.04
12/31/2015	8:30:00	0	57.9631	16.04
12/31/2015	8:45:00	0	57.9627	16.042
12/31/2015	9:00:00	0	57.9599	16.041
12/31/2015	9:15:00	0	57.9518	16.041
12/31/2015	9:30:00	0	57.9539	16.04
12/31/2015	9:45:00	0	57.9496	16.04
12/31/2015	10:00:00	0	57.9418	16.042
12/31/2015	10:15:00	0	57.9405	16.04
12/31/2015	10:30:00	0	57.9419	16.04
12/31/2015	10:45:00	0	57.937	16.041
12/31/2015	11:00:00	0	57.9419	16.041
12/31/2015	11:15:00	0	57.929	16.04
12/31/2015	11:30:00	0	57.9299	16.042
12/31/2015	11:45:00	0	57.9329	16.042
12/31/2015	12:00:00	0	57.9295	16.042
12/31/2015	12:15:00	0	57.9269	16.04
12/31/2015	12:30:00	0	57.9234	16.039
12/31/2015	12:45:00	0	57.9193	16.039
12/31/2015	13:00:00	0	57.9179	16.042
12/31/2015	13:15:00	0	57.915	16.04
12/31/2015	13:30:00	0	57.9136	16.042
12/31/2015	13:45:00	0	57.9106	16.041
12/31/2015	14:00:00	0	57.9061	16.041
12/31/2015	14:15:00	0	57.9026	16.041
12/31/2015	14:30:00	0	57.9028	16.041
12/31/2015	14:45:00	0	57.8962	16.041
12/31/2015	15:00:00	0	57.8929	16.041
12/31/2015	15:15:00	0	57.8869	16.042
12/31/2015	15:30:00	0	57.8857	16.042
12/31/2015	15:45:00	0	57.8778	16.041
12/31/2015	16:00:00	0	57.8718	16.042
12/31/2015	16:15:00	0	57.868	16.042
12/31/2015	16:30:00	0	57.8609	16.042
12/31/2015	16:45:00	0	57.848	16.04
12/31/2015	17:00:00	0	57.8464	16.041
12/31/2015	17:15:00	0	57.8347	16.04
12/31/2015	17:30:00	0	57.841	16.04
12/31/2015	17:45:00	0	57.8323	16.04
12/31/2015	18:00:00	0	57.8261	16.04
12/31/2015	18:15:00	0	57.8207	16.041
12/31/2015	18:30:00	0	57.8244	16.043
12/31/2015	18:45:00	0	57.8165	16.043
12/31/2015	19:00:00	0	57.8178	16.042
12/31/2015	19:15:00	0	57.812	16.042
12/31/2015	19:30:00	0	57.8112	16.042
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1/4/2016	9:30:00	0	58.2419	16.037
1/4/2016	9:45:00	0	58.23	16.037
1/4/2016	10:00:00	0	58.2253	16.036
1/4/2016	10:15:00	0	58.2195	16.037
1/4/2016	10:30:00	0	58.2217	16.037
1/4/2016	10:45:00	0	58.221	16.039
1/4/2016	11:00:00	0	58.2199	16.038
1/4/2016	11:15:00	0	58.2189	16.038
1/4/2016	11:30:00	0	58.224	16.037
1/4/2016	11:45:00	0	58.2237	16.038
1/4/2016	12:00:00	0	58.2305	16.037
1/4/2016	12:15:00	0	58.2371	16.039
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1/4/2016	13:00:00	0	58.2478	16.042
1/4/2016	13:15:00	0	58.2556	16.042
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1/4/2016	15:15:00	0	58.2937	16.039
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1/4/2016	15:45:00	0	58.3094	16.04
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1/4/2016	16:45:00	0	58.3204	16.039
1/4/2016	17:00:00	0	58.324	16.039
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1/4/2016	17:30:00	0	58.3279	16.04
1/4/2016	17:45:00	0	58.3336	16.039

1/4/2016	18:00:00	0	58.3371	16.041
1/4/2016	18:15:00	0	58.3429	16.04
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1/4/2016	19:30:00	0	58.364	16.041
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1/5/2016	0:45:00	0	58.4503	16.038
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1/5/2016	11:45:00	0	58.6442	16.039
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1/5/2016	12:15:00	0	58.6536	16.038
1/5/2016	12:30:00	0	58.654	16.038
1/5/2016	12:45:00	0	58.6529	16.039
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1/5/2016	17:15:00	0	58.6778	16.038

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1/5/2016	17:45:00	0	58.6773	16.038
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1/5/2016	20:00:00	0	58.6781	16.04
1/5/2016	20:15:00	0	58.684	16.041
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1/5/2016	22:15:00	0	58.6811	16.038
1/5/2016	22:30:00	0	58.6966	16.037
1/5/2016	22:45:00	0	58.684	16.036
1/5/2016	23:00:00	0	58.6912	16.037
1/5/2016	23:15:00	0	58.693	16.038
1/5/2016	23:30:00	0	58.6927	16.039
1/5/2016	23:45:00	0	58.6989	16.038
1/6/2016	0:00:00	0	58.699	16.037
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1/6/2016	1:00:00	0	58.7091	16.036
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1/6/2016	3:45:00	0	58.7497	16.037
1/6/2016	4:00:00	0	58.7519	16.037
1/6/2016	4:15:00	0	58.7586	16.038
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1/6/2016	4:45:00	0	58.7694	16.039
1/6/2016	5:00:00	0	58.7755	16.038

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1/6/2016	12:45:00	0	58.8716	16.039
1/6/2016	13:00:00	0	58.8853	16.039
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1/6/2016	16:30:00	0	58.9126	16.038
1/6/2016	16:45:00	0	58.9144	16.037

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1/6/2016	18:00:00	0	58.9161	16.038
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1/6/2016	20:30:00	0	58.9163	16.037
1/6/2016	20:45:00	0	58.9183	16.036
1/6/2016	21:00:00	0	58.9233	16.035
1/6/2016	21:15:00	0	58.9252	16.037
1/6/2016	21:30:00	0	58.9195	16.037
1/6/2016	21:45:00	0	58.9164	16.038
1/6/2016	22:00:00	0	58.9194	16.04
1/6/2016	22:15:00	0	58.9196	16.036
1/6/2016	22:30:00	0	58.9229	16.036
1/6/2016	22:45:00	0	58.9186	16.037
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1/6/2016	23:30:00	0	58.9246	16.039
1/6/2016	23:45:00	0	58.9244	16.04

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/31/2015	0:00:00	0	33.469	16.6	1757.8
12/31/2015	0:15:00	0	33.432	16.6	1757.8
12/31/2015	0:30:00	0	33.457	16.6	1757.8
12/31/2015	0:45:00	0	33.48	16.5	1760.8
12/31/2015	1:00:00	0	33.463	16.6	1757.8
12/31/2015	1:15:00	0	33.484	16.6	1757.8
12/31/2015	1:30:00	0	33.502	16.6	1757.8
12/31/2015	1:45:00	0	33.48	16.6	1757.8
12/31/2015	2:00:00	0	33.497	16.6	1757.8
12/31/2015	2:15:00	0	33.537	16.6	1757.8
12/31/2015	2:30:00	0	33.454	16.6	1757.8
12/31/2015	2:45:00	0	33.472	16.5	1760.8
12/31/2015	3:00:00	0	33.536	16.6	1757.8
12/31/2015	3:15:00	0	33.479	16.5	1760.8
12/31/2015	3:30:00	0	33.459	16.6	1757.8
12/31/2015	3:45:00	0	33.54	16.6	1757.8
12/31/2015	4:00:00	0	33.486	16.6	1757.8
12/31/2015	4:15:00	0	33.506	16.6	1757.8
12/31/2015	4:30:00	0	33.527	16.6	1757.8
12/31/2015	4:45:00	0	33.526	16.6	1757.8
12/31/2015	5:00:00	0	33.51	16.5	1760.8
12/31/2015	5:15:00	0	33.548	16.6	1757.8
12/31/2015	5:30:00	0	33.467	16.6	1757.8
12/31/2015	5:45:00	0	33.469	16.6	1757.8
12/31/2015	6:00:00	0	33.493	16.6	1757.8
12/31/2015	6:15:00	0	33.495	16.6	1757.8
12/31/2015	6:30:00	0	33.534	16.6	1757.8
12/31/2015	6:45:00	0	33.51	16.6	1757.8
12/31/2015	7:00:00	0	33.488	16.6	1757.8
12/31/2015	7:15:00	0	33.471	16.5	1760.8
12/31/2015	7:30:00	0	33.467	16.6	1757.8

12/31/2015	7:45:00	0	33.529	16.6	1759
12/31/2015	8:00:00	0	33.47	16.6	1757.8
12/31/2015	8:15:00	0	33.498	16.6	1757.8
12/31/2015	8:30:00	0	33.531	16.6	1757.8
12/31/2015	8:45:00	0	33.503	16.6	1757.8
12/31/2015	9:00:00	0	33.46	16.6	1757.8
12/31/2015	9:15:00	0	33.492	16.6	1757.8
12/31/2015	9:30:00	0	33.506	16.6	1757.8
12/31/2015	9:45:00	0	33.446	16.6	1759
12/31/2015	10:00:00	0	33.437	16.6	1759
12/31/2015	10:15:00	0	33.437	16.6	1759
12/31/2015	10:30:00	0	33.497	16.5	1762
12/31/2015	10:45:00	0	33.482	16.5	1762
12/31/2015	11:00:00	0	33.448	16.6	1759
12/31/2015	11:15:00	0	33.509	16.6	1759
12/31/2015	11:30:00	0	33.514	16.6	1759
12/31/2015	11:45:00	0	33.501	16.6	1759
12/31/2015	12:00:00	0	33.471	16.5	1762
12/31/2015	12:15:00	0	33.542	16.6	1759
12/31/2015	12:30:00	0	33.535	16.6	1759
12/31/2015	12:45:00	0	33.463	16.6	1759
12/31/2015	13:00:00	0	33.47	16.6	1759
12/31/2015	13:15:00	0	33.475	16.6	1759
12/31/2015	13:30:00	0	33.441	16.6	1759
12/31/2015	13:45:00	0	33.507	16.6	1759
12/31/2015	14:00:00	0	33.455	16.6	1759
12/31/2015	14:15:00	0	33.441	16.5	1762
12/31/2015	14:30:00	0	33.484	16.5	1762
12/31/2015	14:45:00	0	33.465	16.6	1759
12/31/2015	15:00:00	0	33.451	16.6	1761.3
12/31/2015	15:15:00	0	33.457	16.6	1761.3
12/31/2015	15:30:00	0	33.482	16.6	1761.3
12/31/2015	15:45:00	0	33.485	16.6	1759
12/31/2015	16:00:00	0	33.504	16.6	1759
12/31/2015	16:15:00	0	33.485	16.6	1761.3
12/31/2015	16:30:00	0	33.521	16.6	1761.3
12/31/2015	16:45:00	0	33.462	16.6	1761.3
12/31/2015	17:00:00	0	33.461	16.6	1761.3
12/31/2015	17:15:00	0	33.48	16.6	1761.3
12/31/2015	17:30:00	0	33.459	16.6	1761.3
12/31/2015	17:45:00	0	33.497	16.6	1761.3
12/31/2015	18:00:00	0	33.453	16.6	1761.3
12/31/2015	18:15:00	0	33.436	16.5	1764.4
12/31/2015	18:30:00	0	33.455	16.6	1761.3
12/31/2015	18:45:00	0	33.477	16.6	1761.3
12/31/2015	19:00:00	0	33.456	16.6	1761.3
12/31/2015	19:15:00	0	33.492	16.6	1761.3

12/31/2015	19:30:00	0	33.473	16.5	1764.4
12/31/2015	19:45:00	0	33.451	16.6	1761.3
12/31/2015	20:00:00	0	33.505	16.5	1764.4
12/31/2015	20:15:00	0	33.491	16.5	1764.4
12/31/2015	20:30:00	0	33.453	16.6	1761.3
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12/31/2015	21:00:00	0	33.497	16.6	1761.3
12/31/2015	21:15:00	0	33.499	16.5	1764.4
12/31/2015	21:30:00	0	33.462	16.6	1761.3
12/31/2015	21:45:00	0	33.484	16.6	1761.3
12/31/2015	22:00:00	0	33.508	16.6	1761.3
12/31/2015	22:15:00	0	33.489	16.6	1762.5
12/31/2015	22:30:00	0	33.525	16.6	1761.3
12/31/2015	22:45:00	0	33.49	16.6	1761.3
12/31/2015	23:00:00	0	33.517	16.6	1762.5
12/31/2015	23:15:00	0	33.485	16.6	1762.5
12/31/2015	23:30:00	0	33.529	16.6	1762.5
12/31/2015	23:45:00	0	33.51	16.6	1761.3
1/1/2016	0:00:00	0	33.491	16.5	1765.5
1/1/2016	0:15:00	0	33.495	16.6	1761.3
1/1/2016	0:30:00	0	33.517	16.6	1761.3
1/1/2016	0:45:00	0	33.504	16.5	1765.5
1/1/2016	1:00:00	0	33.509	16.6	1762.5
1/1/2016	1:15:00	0	33.489	16.6	1762.5
1/1/2016	1:30:00	0	33.548	16.6	1761.3
1/1/2016	1:45:00	0	33.508	16.6	1762.5
1/1/2016	2:00:00	0	33.505	16.5	1765.5
1/1/2016	2:15:00	0	33.481	16.6	1762.5
1/1/2016	2:30:00	0	33.519	16.6	1762.5
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1/1/2016	3:00:00	0	33.52	16.6	1762.5
1/1/2016	3:15:00	0	33.545	16.5	1765.5
1/1/2016	3:30:00	0	33.487	16.6	1762.5
1/1/2016	3:45:00	0	33.473	16.6	1761.3
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1/1/2016	4:15:00	0	33.476	16.6	1762.5
1/1/2016	4:30:00	0	33.502	16.6	1762.5
1/1/2016	4:45:00	0	33.524	16.6	1762.5
1/1/2016	5:00:00	0	33.539	16.6	1762.5
1/1/2016	5:15:00	0	33.497	16.6	1761.3
1/1/2016	5:30:00	0	33.496	16.6	1761.3
1/1/2016	5:45:00	0	33.452	16.6	1762.5
1/1/2016	6:00:00	0	33.466	16.5	1765.5
1/1/2016	6:15:00	0	33.521	16.6	1762.5
1/1/2016	6:30:00	0	33.593	16.5	1765.5
1/1/2016	6:45:00	0	33.529	16.6	1762.5
1/1/2016	7:00:00	0	33.506	16.6	1762.5

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1/1/2016	7:45:00	0	33.504	16.6	1762.5
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1/1/2016	8:30:00	0	33.465	16.6	1762.5
1/1/2016	8:45:00	0	33.499	16.5	1765.5
1/1/2016	9:00:00	0	33.492	16.5	1765.5
1/1/2016	9:15:00	0	33.468	16.5	1765.5
1/1/2016	9:30:00	0	33.477	16.6	1762.5
1/1/2016	9:45:00	0	33.474	16.6	1762.5
1/1/2016	10:00:00	0	33.487	16.6	1762.5
1/1/2016	10:15:00	0	33.426	16.6	1762.5
1/1/2016	10:30:00	0	33.5	16.5	1765.5
1/1/2016	10:45:00	0	33.523	16.6	1762.5
1/1/2016	11:00:00	0	33.469	16.6	1762.5
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1/1/2016	12:15:00	0	33.459	16.6	1762.5
1/1/2016	12:30:00	0	33.44	16.5	1765.5
1/1/2016	12:45:00	0	33.465	16.5	1765.5
1/1/2016	13:00:00	0	33.429	16.6	1762.5
1/1/2016	13:15:00	0	33.475	16.6	1762.5
1/1/2016	13:30:00	0	33.459	16.6	1762.5
1/1/2016	13:45:00	0	33.421	16.6	1762.5
1/1/2016	14:00:00	0	33.465	16.5	1765.5
1/1/2016	14:15:00	0	33.484	16.6	1762.5
1/1/2016	14:30:00	0	33.445	16.5	1766.7
1/1/2016	14:45:00	0	33.502	16.6	1762.5
1/1/2016	15:00:00	0	33.447	16.6	1763.7
1/1/2016	15:15:00	0	33.466	16.6	1763.7
1/1/2016	15:30:00	0	33.408	16.5	1766.7
1/1/2016	15:45:00	0	33.529	16.5	1766.7
1/1/2016	16:00:00	0	33.51	16.6	1763.7
1/1/2016	16:15:00	0	33.511	16.6	1763.7
1/1/2016	16:30:00	0	33.395	16.6	1763.7
1/1/2016	16:45:00	0	33.475	16.6	1763.7
1/1/2016	17:00:00	0	33.437	16.5	1766.7
1/1/2016	17:15:00	0	33.459	16.6	1763.7
1/1/2016	17:30:00	0	33.5	16.6	1763.7
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1/1/2016	18:00:00	0	33.464	16.6	1763.7
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1/1/2016	18:45:00	0	33.498	16.5	1766.7

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1/1/2016	19:15:00	0	33.435	16.6	1763.7
1/1/2016	19:30:00	0	33.456	16.5	1766.7
1/1/2016	19:45:00	0	33.473	16.6	1763.7
1/1/2016	20:00:00	0	33.487	16.5	1766.7
1/1/2016	20:15:00	0	33.487	16.5	1767.9
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1/1/2016	21:00:00	0	33.455	16.6	1763.7
1/1/2016	21:15:00	0	33.457	16.6	1764.8
1/1/2016	21:30:00	0	33.496	16.5	1767.9
1/1/2016	21:45:00	0	33.497	16.5	1767.9
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1/1/2016	22:15:00	0	33.455	16.6	1764.8
1/1/2016	22:30:00	0	33.472	16.6	1764.8
1/1/2016	22:45:00	0	33.492	16.6	1764.8
1/1/2016	23:00:00	0	33.429	16.6	1764.8
1/1/2016	23:15:00	0	33.514	16.5	1767.9
1/1/2016	23:30:00	0	33.475	16.6	1764.8
1/1/2016	23:45:00	0	33.498	16.6	1764.8
1/2/2016	0:00:00	0	33.461	16.5	1767.9
1/2/2016	0:15:00	0	33.481	16.5	1767.9
1/2/2016	0:30:00	0	33.491	16.6	1764.8
1/2/2016	0:45:00	0	33.513	16.6	1764.8
1/2/2016	1:00:00	0	33.476	16.6	1764.8
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1/2/2016	1:30:00	0	33.442	16.5	1767.9
1/2/2016	1:45:00	0	33.509	16.6	1764.8
1/2/2016	2:00:00	0	33.506	16.5	1767.9
1/2/2016	2:15:00	0	33.491	16.6	1764.8
1/2/2016	2:30:00	0	33.51	16.6	1764.8
1/2/2016	2:45:00	0	33.486	16.6	1764.8
1/2/2016	3:00:00	0	33.504	16.5	1767.9
1/2/2016	3:15:00	0	33.468	16.5	1767.9
1/2/2016	3:30:00	0	33.475	16.6	1764.8
1/2/2016	3:45:00	0	33.497	16.6	1764.8
1/2/2016	4:00:00	0	33.479	16.6	1764.8
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1/2/2016	4:30:00	0	33.466	16.6	1764.8
1/2/2016	4:45:00	0	33.504	16.6	1764.8
1/2/2016	5:00:00	0	33.483	16.5	1767.9
1/2/2016	5:15:00	0	33.444	16.6	1764.8
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1/2/2016	6:00:00	0	33.528	16.5	1767.9
1/2/2016	6:15:00	0	33.507	16.5	1770.2
1/2/2016	6:30:00	0	33.465	16.6	1767.2

1/2/2016	6:45:00	0	33.524	16.5	1767.9
1/2/2016	7:00:00	0	33.448	16.5	1767.9
1/2/2016	7:15:00	0	33.489	16.6	1767.2
1/2/2016	7:30:00	0	33.507	16.6	1767.2
1/2/2016	7:45:00	0	33.508	16.6	1767.2
1/2/2016	8:00:00	0	33.546	16.6	1767.2
1/2/2016	8:15:00	0	33.502	16.5	1767.9
1/2/2016	8:30:00	0	33.464	16.6	1767.2
1/2/2016	8:45:00	0	33.458	16.6	1767.2
1/2/2016	9:00:00	0	33.495	16.6	1767.2
1/2/2016	9:15:00	0	33.538	16.6	1767.2
1/2/2016	9:30:00	0	33.519	16.5	1770.2
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1/2/2016	10:30:00	0	33.479	16.6	1767.2
1/2/2016	10:45:00	0	33.5	16.6	1767.2
1/2/2016	11:00:00	0	33.489	16.6	1767.2
1/2/2016	11:15:00	0	33.418	16.5	1770.2
1/2/2016	11:30:00	0	33.484	16.6	1767.2
1/2/2016	11:45:00	0	33.51	16.5	1770.2
1/2/2016	12:00:00	0	33.52	16.6	1767.2
1/2/2016	12:15:00	0	33.534	16.5	1770.2
1/2/2016	12:30:00	0	33.562	16.5	1770.2
1/2/2016	12:45:00	0	33.492	16.5	1770.2
1/2/2016	13:00:00	0	33.497	16.5	1770.2
1/2/2016	13:15:00	0	33.5	16.5	1770.2
1/2/2016	13:30:00	0	33.488	16.5	1770.2
1/2/2016	13:45:00	0	33.487	16.5	1770.2
1/2/2016	14:00:00	0	33.47	16.6	1767.2
1/2/2016	14:15:00	0	33.47	16.5	1767.9
1/2/2016	14:30:00	0	33.449	16.5	1770.2
1/2/2016	14:45:00	0	33.454	16.5	1770.2
1/2/2016	15:00:00	0	33.401	16.5	1770.2
1/2/2016	15:15:00	0	33.487	16.5	1770.2
1/2/2016	15:30:00	0	33.492	16.6	1767.2
1/2/2016	15:45:00	0	33.451	16.5	1770.2
1/2/2016	16:00:00	0	33.434	16.5	1770.2
1/2/2016	16:15:00	0	33.437	16.6	1767.2
1/2/2016	16:30:00	0	33.481	16.5	1771.4
1/2/2016	16:45:00	0	33.479	16.5	1770.2
1/2/2016	17:00:00	0	33.464	16.5	1770.2
1/2/2016	17:15:00	0	33.441	16.5	1770.2
1/2/2016	17:30:00	0	33.485	16.6	1767.2
1/2/2016	17:45:00	0	33.508	16.5	1770.2
1/2/2016	18:00:00	0	33.471	16.5	1770.2
1/2/2016	18:15:00	0	33.476	16.6	1767.2

1/2/2016	18:30:00	0	33.499	16.5	1771.4
1/2/2016	18:45:00	0	33.464	16.6	1768.4
1/2/2016	19:00:00	0	33.442	16.5	1770.2
1/2/2016	19:15:00	0	33.459	16.6	1768.4
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1/2/2016	19:45:00	0	33.449	16.6	1767.2
1/2/2016	20:00:00	0	33.485	16.5	1770.2
1/2/2016	20:15:00	0	33.462	16.5	1771.4
1/2/2016	20:30:00	0	33.495	16.6	1768.4
1/2/2016	20:45:00	0	33.493	16.6	1768.4
1/2/2016	21:00:00	0	33.471	16.6	1768.4
1/2/2016	21:15:00	0	33.467	16.5	1771.4
1/2/2016	21:30:00	0	33.508	16.6	1768.4
1/2/2016	21:45:00	0	33.43	16.6	1768.4
1/2/2016	22:00:00	0	33.485	16.6	1768.4
1/2/2016	22:15:00	0	33.469	16.5	1771.4
1/2/2016	22:30:00	0	33.499	16.5	1771.4
1/2/2016	22:45:00	0	33.49	16.6	1768.4
1/2/2016	23:00:00	0	33.533	16.5	1771.4
1/2/2016	23:15:00	0	33.494	16.5	1771.4
1/2/2016	23:30:00	0	33.508	16.6	1768.4
1/2/2016	23:45:00	0	33.493	16.6	1768.4
1/3/2016	0:00:00	0	33.461	16.5	1771.4
1/3/2016	0:15:00	0	33.522	16.6	1768.4
1/3/2016	0:30:00	0	33.452	16.5	1771.4
1/3/2016	0:45:00	0	33.515	16.5	1771.4
1/3/2016	1:00:00	0	33.516	16.5	1771.4
1/3/2016	1:15:00	0	33.475	16.6	1768.4
1/3/2016	1:30:00	0	33.476	16.5	1771.4
1/3/2016	1:45:00	0	33.516	16.6	1768.4
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1/3/2016	2:15:00	0	33.474	16.5	1771.4
1/3/2016	2:30:00	0	33.498	16.5	1771.4
1/3/2016	2:45:00	0	33.474	16.6	1768.4
1/3/2016	3:00:00	0	33.481	16.6	1769.5
1/3/2016	3:15:00	0	33.485	16.5	1771.4
1/3/2016	3:30:00	0	33.512	16.5	1771.4
1/3/2016	3:45:00	0	33.459	16.6	1768.4
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1/3/2016	4:15:00	0	33.449	16.6	1768.4
1/3/2016	4:30:00	0	33.475	16.6	1768.4
1/3/2016	4:45:00	0	33.496	16.6	1768.4
1/3/2016	5:00:00	0	33.518	16.5	1772.6
1/3/2016	5:15:00	0	33.422	16.5	1771.4
1/3/2016	5:30:00	0	33.481	16.6	1769.5
1/3/2016	5:45:00	0	33.461	16.5	1772.6
1/3/2016	6:00:00	0	33.544	16.5	1772.6

1/3/2016	6:15:00	0	33.464	16.5	1772.6
1/3/2016	6:30:00	0	33.483	16.5	1772.6
1/3/2016	6:45:00	0	33.484	16.6	1769.5
1/3/2016	7:00:00	0	33.487	16.5	1772.6
1/3/2016	7:15:00	0	33.407	16.6	1769.5
1/3/2016	7:30:00	0	33.486	16.6	1769.5
1/3/2016	7:45:00	0	33.459	16.5	1772.6
1/3/2016	8:00:00	0	33.463	16.5	1773.7
1/3/2016	8:15:00	0	33.504	16.6	1769.5
1/3/2016	8:30:00	0	33.518	16.5	1772.6
1/3/2016	8:45:00	0	33.512	16.5	1773.7
1/3/2016	9:00:00	0	33.487	16.5	1776.1
1/3/2016	9:15:00	0	33.507	16.5	1770.2
1/3/2016	9:30:00	0	33.487	16.6	1767.2
1/3/2016	9:45:00	0	33.471	16.5	1770.2
1/3/2016	10:00:00	0	33.472	16.5	1770.2
1/3/2016	10:15:00	0	33.533	16.5	1770.2
1/3/2016	10:30:00	0	33.463	16.5	1770.2
1/3/2016	10:45:00	0	33.486	16.5	1770.2
1/3/2016	11:00:00	0	33.496	16.5	1770.2
1/3/2016	11:15:00	0	33.482	16.5	1770.2
1/3/2016	11:30:00	0	33.51	16.6	1767.2
1/3/2016	11:45:00	0	33.46	16.5	1770.2
1/3/2016	12:00:00	0	33.511	16.5	1770.2
1/3/2016	12:15:00	0	33.52	16.6	1767.2
1/3/2016	12:30:00	0	33.532	16.6	1767.2
1/3/2016	12:45:00	0	33.502	16.6	1768.4
1/3/2016	13:00:00	0	33.455	16.6	1767.2
1/3/2016	13:15:00	0	33.501	16.5	1770.2
1/3/2016	13:30:00	0	33.53	16.5	1770.2
1/3/2016	13:45:00	0	33.477	16.5	1771.4
1/3/2016	14:00:00	0	33.481	16.6	1767.2
1/3/2016	14:15:00	0	33.483	16.5	1770.2
1/3/2016	14:30:00	0	33.465	16.6	1767.2
1/3/2016	14:45:00	0	33.504	16.6	1768.4
1/3/2016	15:00:00	0	33.465	16.5	1771.4
1/3/2016	15:15:00	0	33.524	16.6	1768.4
1/3/2016	15:30:00	0	33.509	16.5	1771.4
1/3/2016	15:45:00	0	33.433	16.5	1771.4
1/3/2016	16:00:00	0	33.494	16.5	1771.4
1/3/2016	16:15:00	0	33.439	16.5	1771.4
1/3/2016	16:30:00	0	33.495	16.5	1771.4
1/3/2016	16:45:00	0	33.493	16.6	1768.4
1/3/2016	17:00:00	0	33.435	16.6	1768.4
1/3/2016	17:15:00	0	33.475	16.5	1771.4
1/3/2016	17:30:00	0	33.495	16.5	1772.6
1/3/2016	17:45:00	0	33.455	16.5	1771.4

1/3/2016	18:00:00	0	33.479	16.6	1769.5
1/3/2016	18:15:00	0	33.474	16.5	1772.6
1/3/2016	18:30:00	0	33.55	16.6	1769.5
1/3/2016	18:45:00	0	33.507	16.6	1769.5
1/3/2016	19:00:00	0	33.464	16.5	1772.6
1/3/2016	19:15:00	0	33.442	16.5	1772.6
1/3/2016	19:30:00	0	33.481	16.5	1772.6
1/3/2016	19:45:00	0	33.502	16.5	1772.6
1/3/2016	20:00:00	0	33.484	16.5	1772.6
1/3/2016	20:15:00	0	33.423	16.5	1773.7
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1/3/2016	20:45:00	0	33.446	16.5	1772.6
1/3/2016	21:00:00	0	33.491	16.5	1772.6
1/3/2016	21:15:00	0	33.512	16.5	1772.6
1/3/2016	21:30:00	0	33.513	16.5	1772.6
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1/3/2016	22:45:00	0	33.447	16.5	1772.6
1/3/2016	23:00:00	0	33.431	16.5	1772.6
1/3/2016	23:15:00	0	33.47	16.6	1770.7
1/3/2016	23:30:00	0	33.51	16.5	1773.7
1/3/2016	23:45:00	0	33.471	16.5	1772.6
1/4/2016	0:00:00	0	33.475	16.5	1773.7
1/4/2016	0:15:00	0	33.521	16.5	1772.6
1/4/2016	0:30:00	0	33.523	16.5	1773.7
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1/4/2016	1:15:00	0	33.511	16.5	1773.7
1/4/2016	1:30:00	0	33.491	16.5	1772.6
1/4/2016	1:45:00	0	33.489	16.5	1773.7
1/4/2016	2:00:00	0	33.506	16.5	1773.7
1/4/2016	2:15:00	0	33.449	16.5	1772.6
1/4/2016	2:30:00	0	33.468	16.5	1772.6
1/4/2016	2:45:00	0	33.49	16.5	1773.7
1/4/2016	3:00:00	0	33.474	16.6	1770.7
1/4/2016	3:15:00	0	33.517	16.5	1773.7
1/4/2016	3:30:00	0	33.503	16.5	1773.7
1/4/2016	3:45:00	0	33.509	16.6	1770.7
1/4/2016	4:00:00	0	33.51	16.5	1773.7
1/4/2016	4:15:00	0	33.536	16.5	1773.7
1/4/2016	4:30:00	0	33.501	16.6	1770.7
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1/4/2016	5:00:00	0	33.486	16.5	1773.7
1/4/2016	5:15:00	0	33.543	16.5	1773.7
1/4/2016	5:30:00	0	33.482	16.5	1773.7

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1/4/2016	6:30:00	0	33.44	16.5	1773.7
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1/4/2016	7:00:00	0	33.458	16.5	1773.7
1/4/2016	7:15:00	0	33.444	16.5	1773.7
1/4/2016	7:30:00	0	33.534	16.5	1773.7
1/4/2016	7:45:00	0	33.504	16.5	1773.7
1/4/2016	8:00:00	0	33.526	16.5	1773.7
1/4/2016	8:15:00	0	33.471	16.5	1773.7
1/4/2016	8:30:00	0	33.447	16.5	1773.7
1/4/2016	8:45:00	0	33.482	16.5	1773.7
1/4/2016	9:00:00	0	33.479	16.5	1773.7
1/4/2016	9:15:00	0	33.515	16.5	1773.7
1/4/2016	9:30:00	0	33.506	16.5	1773.7
1/4/2016	9:45:00	0	33.457	16.6	1770.7
1/4/2016	10:00:00	0	33.486	16.5	1773.7
1/4/2016	10:15:00	0	33.48	16.5	1773.7
1/4/2016	10:30:00	0	33.409	16.5	1773.7
1/4/2016	10:45:00	0	33.449	16.6	1770.7
1/4/2016	11:00:00	0	33.513	16.6	1770.7
1/4/2016	11:15:00	0	33.46	16.5	1773.7
1/4/2016	11:30:00	0	33.517	16.5	1773.7
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1/4/2016	12:00:00	0	33.47	16.5	1773.7
1/4/2016	12:15:00	0	33.474	16.5	1776.1
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1/4/2016	14:30:00	0	33.454	16.6	1773
1/4/2016	14:45:00	0	33.472	16.5	1776.1
1/4/2016	15:00:00	0	33.458	16.5	1776.1
1/4/2016	15:15:00	0	33.475	16.5	1776.1
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1/4/2016	16:00:00	0	33.484	16.5	1776.1
1/4/2016	16:15:00	0	33.485	16.5	1776.1
1/4/2016	16:30:00	0	33.484	16.5	1776.1
1/4/2016	16:45:00	0	33.478	16.6	1773
1/4/2016	17:00:00	0	33.493	16.5	1776.1
1/4/2016	17:15:00	0	33.45	16.5	1776.1

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1/4/2016	17:45:00	0	33.451	16.5	1776.1
1/4/2016	18:00:00	0	33.433	16.5	1776.1
1/4/2016	18:15:00	0	33.496	16.5	1776.1
1/4/2016	18:30:00	0	33.496	16.6	1773
1/4/2016	18:45:00	0	33.54	16.5	1777.2
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1/4/2016	19:15:00	0	33.496	16.5	1776.1
1/4/2016	19:30:00	0	33.497	16.5	1776.1
1/4/2016	19:45:00	0	33.508	16.5	1776.1
1/4/2016	20:00:00	0	33.477	16.5	1776.1
1/4/2016	20:15:00	0	33.455	16.6	1773
1/4/2016	20:30:00	0	33.51	16.5	1776.1
1/4/2016	20:45:00	0	33.512	16.5	1776.1
1/4/2016	21:00:00	0	33.496	16.5	1776.1
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1/4/2016	21:30:00	0	33.501	16.5	1776.1
1/4/2016	21:45:00	0	33.53	16.5	1776.1
1/4/2016	22:00:00	0	33.496	16.5	1776.1
1/4/2016	22:15:00	0	33.482	16.6	1773
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1/4/2016	23:45:00	0	33.499	16.5	1777.2
1/5/2016	0:00:00	0	33.505	16.5	1776.1
1/5/2016	0:15:00	0	33.472	16.5	1777.2
1/5/2016	0:30:00	0	33.456	16.5	1777.2
1/5/2016	0:45:00	0	33.436	16.5	1777.2
1/5/2016	1:00:00	0	33.481	16.5	1777.2
1/5/2016	1:15:00	0	33.487	16.5	1777.2
1/5/2016	1:30:00	0	33.477	16.5	1777.2
1/5/2016	1:45:00	0	33.522	16.5	1777.2
1/5/2016	2:00:00	0	33.538	16.5	1777.2
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1/5/2016	3:00:00	0	33.559	16.5	1777.2
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1/5/2016	3:30:00	0	33.552	16.5	1777.2
1/5/2016	3:45:00	0	33.506	16.5	1777.2
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1/5/2016	4:30:00	0	33.463	16.5	1777.2
1/5/2016	4:45:00	0	33.489	16.5	1778.4
1/5/2016	5:00:00	0	33.537	16.5	1777.2

1/5/2016	5:15:00	0	33.525	16.5	1777.2
1/5/2016	5:30:00	0	33.483	16.5	1777.2
1/5/2016	5:45:00	0	33.524	16.5	1777.2
1/5/2016	6:00:00	0	33.489	16.5	1777.2
1/5/2016	6:15:00	0	33.532	16.5	1777.2
1/5/2016	6:30:00	0	33.494	16.5	1777.2
1/5/2016	6:45:00	0	33.47	16.5	1777.2
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1/5/2016	7:15:00	0	33.479	16.5	1777.2
1/5/2016	7:30:00	0	33.491	16.5	1777.2
1/5/2016	7:45:00	0	33.495	16.5	1777.2
1/5/2016	8:00:00	0	33.513	16.5	1777.2
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1/5/2016	8:30:00	0	33.522	16.6	1774.2
1/5/2016	8:45:00	0	33.454	16.6	1774.2
1/5/2016	9:00:00	0	33.502	16.5	1777.2
1/5/2016	9:15:00	0	33.455	16.5	1777.2
1/5/2016	9:30:00	0	33.513	16.5	1777.2
1/5/2016	9:45:00	0	33.463	16.6	1774.2
1/5/2016	10:00:00	0	33.489	16.5	1778.4
1/5/2016	10:15:00	0	33.494	16.5	1777.2
1/5/2016	10:30:00	0	33.487	16.5	1777.2
1/5/2016	10:45:00	0	33.483	16.5	1778.4
1/5/2016	11:00:00	0	33.466	16.5	1778.4
1/5/2016	11:15:00	0	33.486	16.5	1778.4
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1/5/2016	11:45:00	0	33.523	16.5	1778.4
1/5/2016	12:00:00	0	33.537	16.5	1778.4
1/5/2016	12:15:00	0	33.515	16.6	1775.4
1/5/2016	12:30:00	0	33.515	16.5	1778.4
1/5/2016	12:45:00	0	33.487	16.5	1778.4
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1/5/2016	13:30:00	0	33.494	16.5	1778.4
1/5/2016	13:45:00	0	33.475	16.6	1775.4
1/5/2016	14:00:00	0	33.469	16.5	1778.4
1/5/2016	14:15:00	0	33.496	16.5	1780.7
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1/5/2016	15:00:00	0	33.446	16.5	1778.4
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1/5/2016	16:15:00	0	33.465	16.5	1778.4
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1/5/2016	16:45:00	0	33.535	16.5	1778.4

1/5/2016	17:00:00	0	33.471	16.5	1778.4
1/5/2016	17:15:00	0	33.486	16.5	1778.4
1/5/2016	17:30:00	0	33.511	16.5	1778.4
1/5/2016	17:45:00	0	33.471	16.5	1778.4
1/5/2016	18:00:00	0	33.486	16.5	1778.4
1/5/2016	18:15:00	0	33.505	16.5	1778.4
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1/5/2016	18:45:00	0	33.439	16.5	1778.4
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1/5/2016	19:15:00	0	33.532	16.5	1780.7
1/5/2016	19:30:00	0	33.51	16.5	1780.7
1/5/2016	19:45:00	0	33.506	16.5	1780.7
1/5/2016	20:00:00	0	33.518	16.5	1780.7
1/5/2016	20:15:00	0	33.495	16.5	1780.7
1/5/2016	20:30:00	0	33.529	16.5	1780.7
1/5/2016	20:45:00	0	33.469	16.5	1780.7
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1/5/2016	21:45:00	0	33.497	16.6	1777.7
1/5/2016	22:00:00	0	33.518	16.5	1780.7
1/5/2016	22:15:00	0	33.513	16.5	1780.7
1/5/2016	22:30:00	0	33.482	16.5	1780.7
1/5/2016	22:45:00	0	33.516	16.5	1780.7
1/5/2016	23:00:00	0	33.52	16.5	1780.7
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1/5/2016	23:30:00	0	33.543	16.5	1780.7
1/5/2016	23:45:00	0	33.495	16.5	1780.7
1/6/2016	0:00:00	0	33.481	16.5	1780.7
1/6/2016	0:15:00	0	33.525	16.5	1781.9
1/6/2016	0:30:00	0	33.487	16.5	1781.9
1/6/2016	0:45:00	0	33.511	16.5	1780.7
1/6/2016	1:00:00	0	33.539	16.5	1781.9
1/6/2016	1:15:00	0	33.53	16.5	1781.9
1/6/2016	1:30:00	0	33.571	16.5	1781.9
1/6/2016	1:45:00	0	33.539	16.5	1781.9
1/6/2016	2:00:00	0	33.541	16.5	1781.9
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1/6/2016	2:30:00	0	33.516	16.5	1781.9
1/6/2016	2:45:00	0	33.543	16.6	1778.9
1/6/2016	3:00:00	0	33.555	16.5	1781.9
1/6/2016	3:15:00	0	33.53	16.5	1781.9
1/6/2016	3:30:00	0	33.456	16.5	1781.9
1/6/2016	3:45:00	0	33.551	16.5	1781.9
1/6/2016	4:00:00	0	33.613	16.5	1781.9
1/6/2016	4:15:00	0	33.589	16.5	1781.9
1/6/2016	4:30:00	0	33.572	16.5	1781.9

1/6/2016	4:45:00	0	33.513	16.5	1781.9
1/6/2016	5:00:00	0	33.547	16.5	1781.9
1/6/2016	5:15:00	0	33.53	16.5	1781.9
1/6/2016	5:30:00	0	33.48	16.5	1781.9
1/6/2016	5:45:00	0	33.532	16.5	1781.9
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1/6/2016	6:15:00	0	33.492	16.5	1781.9
1/6/2016	6:30:00	0	33.5	16.5	1781.9
1/6/2016	6:45:00	0	33.51	16.5	1781.9
1/6/2016	7:00:00	0	33.534	16.5	1783.1
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1/6/2016	7:30:00	0	33.493	16.5	1781.9
1/6/2016	7:45:00	0	33.525	16.5	1781.9
1/6/2016	8:00:00	0	33.546	16.5	1781.9
1/6/2016	8:15:00	0	33.551	16.5	1781.9
1/6/2016	8:30:00	0	33.491	16.5	1781.9
1/6/2016	8:45:00	0	33.535	16.5	1781.9
1/6/2016	9:00:00	0	33.488	16.5	1781.9
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1/6/2016	10:45:00	0	33.521	16.5	1781.9
1/6/2016	11:00:00	0	33.491	16.5	1781.9
1/6/2016	11:15:00	0	33.488	16.5	1781.9
1/6/2016	11:30:00	0	33.511	16.5	1781.9
1/6/2016	11:45:00	0	33.491	16.5	1781.9
1/6/2016	12:00:00	0	33.618	16.5	1781.9
1/6/2016	12:15:00	0	33.545	16.5	1781.9
1/6/2016	12:30:00	0	33.549	16.5	1781.9
1/6/2016	12:45:00	0	33.591	16.5	1781.9
1/6/2016	13:00:00	0	33.517	16.5	1783.1
1/6/2016	13:15:00	0	33.537	16.5	1783.1
1/6/2016	13:30:00	0	33.481	16.5	1783.1
1/6/2016	13:45:00	0	33.511	16.5	1783.1
1/6/2016	14:00:00	0	33.556	16.5	1781.9
1/6/2016	14:15:00	0	33.521	16.5	1783.1
1/6/2016	14:30:00	0	33.506	16.5	1781.9
1/6/2016	14:45:00	0	33.522	16.5	1783.1
1/6/2016	15:00:00	0	33.497	16.5	1783.1
1/6/2016	15:15:00	0	33.459	16.5	1783.1
1/6/2016	15:30:00	0	33.536	16.5	1781.9
1/6/2016	15:45:00	0	33.512	16.5	1783.1
1/6/2016	16:00:00	0	33.574	16.5	1783.1
1/6/2016	16:15:00	0	33.491	16.5	1781.9

1/6/2016	16:30:00	0	33.565	16.5	1783.1
1/6/2016	16:45:00	0	33.569	16.5	1781.9
1/6/2016	17:00:00	0	33.526	16.5	1783.1
1/6/2016	17:15:00	0	33.546	16.5	1783.1
1/6/2016	17:30:00	0	33.531	16.5	1783.1
1/6/2016	17:45:00	0	33.569	16.5	1781.9
1/6/2016	18:00:00	0	33.527	16.5	1783.1
1/6/2016	18:15:00	0	33.504	16.5	1783.1
1/6/2016	18:30:00	0	33.578	16.5	1783.1
1/6/2016	18:45:00	0	33.539	16.5	1783.1
1/6/2016	19:00:00	0	33.495	16.5	1783.1
1/6/2016	19:15:00	0	33.551	16.5	1783.1
1/6/2016	19:30:00	0	33.485	16.5	1783.1
1/6/2016	19:45:00	0	33.524	16.5	1783.1
1/6/2016	20:00:00	0	33.522	16.5	1783.1
1/6/2016	20:15:00	0	33.506	16.5	1783.1
1/6/2016	20:30:00	0	33.516	16.5	1783.1
1/6/2016	20:45:00	0	33.526	16.5	1784.3
1/6/2016	21:00:00	0	33.506	16.5	1783.1
1/6/2016	21:15:00	0	33.505	16.5	1783.1
1/6/2016	21:30:00	0	33.542	16.5	1783.1
1/6/2016	21:45:00	0	33.521	16.5	1783.1
1/6/2016	22:00:00	0	33.534	16.5	1783.1
1/6/2016	22:15:00	0	33.548	16.5	1783.1
1/6/2016	22:30:00	0	33.505	16.5	1783.1
1/6/2016	22:45:00	0	33.522	16.5	1784.3
1/6/2016	23:00:00	0	33.472	16.5	1783.1
1/6/2016	23:15:00	0	33.536	16.5	1784.3
1/6/2016	23:30:00	0	33.535	16.5	1784.3
1/6/2016	23:45:00	0	33.538	16.5	1784.3

Report Date: 1/11/2016 11:32:02 AM
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_2016-01-07_09-36-50-606-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

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
1/3/2016 11:03:14 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:36:12 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/11/2016 11:27:40 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 670

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: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc	
SN#: 424860	SN#: 424860	SN#: 424860	SN#: 424860
SN#: 424860	SN#: 424860	SN#: 424860	SN#: 424860
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)		
12/31/2015 12:00:00 AM	2674800.000		117.981	19.912	268.916
35036.219	38807.297		26.389	24.949	28.542
1.017	14.831				
12/31/2015 12:15:00 AM	2675700.000		118.002	19.912	268.962
35041.715	38813.891		26.393	24.953	28.537
1.017	14.830				
12/31/2015 12:30:00 AM	2676600.000		118.002	19.912	268.963
35078.355	38853.969		26.421	24.982	28.508
1.017	14.822				
12/31/2015 12:45:00 AM	2677500.000		118.007	19.911	268.975
35050.141	38824.016		26.400	24.960	28.531
1.017	14.823				
12/31/2015 1:00:00 AM	2678400.000		118.010	19.912	268.981
35064.984	38839.383		26.411	24.971	28.518

1.017	14.821			
12/31/2015 1:15:00 AM	2679300.000	117.999	19.912	268.956
35063.172	38837.734	26.410	24.970	28.520
1.017	14.830			
12/31/2015 1:30:00 AM	2680200.000	118.011	19.911	268.983
35078.457	38855.160	26.422	24.983	28.508
1.017	14.825			
12/31/2015 1:45:00 AM	2681100.000	118.014	19.912	268.989
35061.379	38835.750	26.408	24.969	28.521
1.017	14.829			
12/31/2015 2:00:00 AM	2682000.000	118.028	19.911	269.021
35052.465	38826.734	26.402	24.962	28.529
1.017	14.826			
12/31/2015 2:15:00 AM	2682900.000	118.027	19.911	269.020
35050.449	38824.285	26.401	24.961	28.530
1.017	14.826			
12/31/2015 2:30:00 AM	2683800.000	118.035	19.910	269.039
35073.781	38850.773	26.419	24.979	28.511
1.017	14.829			
12/31/2015 2:45:00 AM	2684700.000	118.030	19.909	269.026
35072.719	38850.523	26.418	24.979	28.512
1.017	14.835			
12/31/2015 3:00:00 AM	2685600.000	118.054	19.910	269.080
35090.969	38869.949	26.432	24.993	28.497
1.017	14.828			
12/31/2015 3:15:00 AM	2686500.000	118.048	19.910	269.068
35056.195	38831.723	26.406	24.966	28.526
1.017	14.827			
12/31/2015 3:30:00 AM	2687400.000	118.040	19.911	269.050
35070.129	38846.230	26.415	24.976	28.514
1.017	14.829			
12/31/2015 3:45:00 AM	2688300.000	118.068	19.911	269.113
35064.629	38840.141	26.411	24.972	28.519
1.017	14.833			
12/31/2015 4:00:00 AM	2689200.000	118.076	19.910	269.133
35050.438	38824.625	26.401	24.961	28.530
1.017	14.825			
12/31/2015 4:15:00 AM	2690100.000	118.077	19.910	269.134
35076.797	38853.754	26.421	24.982	28.509
1.017	14.826			
12/31/2015 4:30:00 AM	2691000.000	118.080	19.911	269.140
35068.555	38844.125	26.414	24.975	28.516
1.017	14.823			
12/31/2015 4:45:00 AM	2691900.000	118.086	19.910	269.155
35061.469	38836.996	26.409	24.970	28.521
1.017	14.826			
12/31/2015 5:00:00 AM	2692800.000	118.098	19.910	269.181
35072.199	38849.301	26.418	24.978	28.513
1.017	14.823			
12/31/2015 5:15:00 AM	2693700.000	118.090	19.911	269.164
35083.094	38860.660	26.425	24.987	28.504
1.017	14.830			
12/31/2015 5:30:00 AM	2694600.000	118.088	19.912	269.159
35071.672	38847.219	26.416	24.977	28.513
1.017	14.829			
12/31/2015 5:45:00 AM	2695500.000	118.102	19.910	269.190
35084.457	38862.387	26.426	24.988	28.503

1.017	14.825			
12/31/2015 6:00:00 AM	2696400.000	118.100	19.909	269.187
35060.395	38836.590	26.409	24.969	28.522
1.017	14.827			
12/31/2015 6:15:00 AM	2697300.000	118.102	19.909	269.192
35071.625	38849.105	26.417	24.978	28.513
1.017	14.821			
12/31/2015 6:30:00 AM	2698200.000	118.100	19.910	269.187
35055.117	38830.461	26.405	24.965	28.527
1.017	14.828			
12/31/2015 6:45:00 AM	2699100.000	118.108	19.910	269.205
35074.957	38852.215	26.420	24.980	28.510
1.017	14.825			
12/31/2015 7:00:00 AM	2700000.000	118.118	19.911	269.227
35064.699	38839.633	26.411	24.972	28.519
1.017	14.820			
12/31/2015 7:15:00 AM	2700900.000	118.104	19.910	269.196
35051.086	38825.773	26.402	24.962	28.530
1.017	14.834			
12/31/2015 7:30:00 AM	2701800.000	118.093	19.911	269.171
35066.070	38841.805	26.412	24.973	28.518
1.017	14.829			
12/31/2015 7:45:00 AM	2702700.000	118.110	19.909	269.209
35041.969	38816.102	26.395	24.955	28.537
1.017	14.825			
12/31/2015 8:00:00 AM	2703600.000	118.098	19.909	269.183
35078.973	38857.023	26.423	24.984	28.507
1.017	14.828			
12/31/2015 8:15:00 AM	2704500.000	118.101	19.909	269.189
35055.117	38831.176	26.405	24.965	28.527
1.017	14.827			
12/31/2015 8:30:00 AM	2705400.000	118.112	19.909	269.213
35049.754	38825.305	26.401	24.961	28.531
1.017	14.823			
12/31/2015 8:45:00 AM	2706300.000	118.097	19.909	269.180
35069.434	38846.676	26.416	24.977	28.515
1.017	14.831			
12/31/2015 9:00:00 AM	2707200.000	118.085	19.910	269.153
35058.531	38833.949	26.407	24.967	28.524
1.017	14.838			
12/31/2015 9:15:00 AM	2708100.000	118.101	19.909	269.189
35066.457	38843.875	26.414	24.975	28.517
1.017	14.832			
12/31/2015 9:30:00 AM	2709000.000	118.102	19.907	269.190
35078.035	38857.773	26.423	24.984	28.508
1.017	14.833			
12/31/2015 9:45:00 AM	2709900.000	118.082	19.909	269.145
35067.246	38844.035	26.414	24.975	28.517
1.017	14.838			
12/31/2015 10:00:00 AM	0.000	118.082	19.909	269.146
35062.996	38839.902	26.411	24.972	28.520
1.017	14.845			
12/31/2015 10:15:00 AM	900.000	118.086	19.908	269.155
35068.043	38846.277	26.415	24.976	28.516
1.017	14.840			
12/31/2015 10:30:00 AM	1800.000	118.085	19.908	269.152
35069.668	38847.641	26.416	24.977	28.515

1.017	14.844			
12/31/2015 10:45:00 AM	2700.000	118.095	19.907	269.175
35054.645	38832.012	26.406	24.966	28.527
1.017	14.834			
12/31/2015 11:00:00 AM	3600.000	118.070	19.909	269.118
35073.844	38852.059	26.419	24.980	28.511
1.017	14.832			
12/31/2015 11:15:00 AM	4500.000	118.084	19.909	269.150
35060.141	38836.809	26.409	24.969	28.522
1.017	14.833			
12/31/2015 11:30:00 AM	5400.000	118.097	19.909	269.179
35052.699	38827.922	26.403	24.963	28.528
1.017	14.827			
12/31/2015 11:45:00 AM	6300.000	118.081	19.909	269.144
35046.941	38822.188	26.399	24.959	28.533
1.017	14.829			
12/31/2015 12:00:00 PM	7200.000	118.082	19.910	269.145
35076.520	38853.875	26.421	24.982	28.509
1.017	14.820			
12/31/2015 12:15:00 PM	8100.000	118.088	19.908	269.159
35054.633	38830.914	26.405	24.965	28.527
1.017	14.812			
12/31/2015 12:30:00 PM	9000.000	118.081	19.908	269.143
35062.559	38840.203	26.411	24.972	28.520
1.017	14.810			
12/31/2015 12:45:00 PM	9900.000	118.084	19.908	269.150
35064.324	38842.016	26.413	24.973	28.519
1.017	14.807			
12/31/2015 1:00:00 PM	10800.000	118.089	19.908	269.161
35053.602	38830.207	26.405	24.965	28.528
1.017	14.799			
12/31/2015 1:15:00 PM	11700.000	118.058	19.908	269.089
35052.305	38828.844	26.404	24.964	28.529
1.017	14.804			
12/31/2015 1:30:00 PM	12600.000	118.094	19.906	269.173
35055.469	38833.574	26.407	24.967	28.526
1.017	14.799			
12/31/2015 1:45:00 PM	13500.000	118.101	19.908	269.189
35069.117	38847.680	26.416	24.977	28.515
1.017	14.793			
12/31/2015 2:00:00 PM	14400.000	118.085	19.908	269.153
35068.121	38846.152	26.415	24.976	28.516
1.017	14.794			
12/31/2015 2:15:00 PM	15300.000	118.093	19.908	269.170
35058.227	38835.047	26.408	24.968	28.524
1.017	14.789			
12/31/2015 2:30:00 PM	16200.000	118.114	19.907	269.219
35071.434	38850.969	26.419	24.979	28.513
1.017	14.786			
12/31/2015 2:45:00 PM	17100.000	118.100	19.906	269.187
35051.805	38829.512	26.404	24.964	28.529
1.017	14.787			
12/31/2015 3:00:00 PM	18000.000	118.104	19.906	269.195
35071.730	38851.656	26.419	24.980	28.513
1.017	14.785			
12/31/2015 3:15:00 PM	18900.000	118.092	19.906	269.168
35068.465	38848.469	26.417	24.978	28.516

1.017	14.787			
12/31/2015 3:30:00 PM	19800.000	118.106	19.904	269.201
35062.785	38843.754	26.414	24.974	28.520
1.017	14.785			
12/31/2015 3:45:00 PM	20700.000	118.088	19.905	269.159
35066.711	38847.098	26.416	24.977	28.517
1.017	14.788			
12/31/2015 4:00:00 PM	21600.000	118.104	19.904	269.195
35069.063	38850.563	26.418	24.979	28.515
1.017	14.776			
12/31/2015 4:15:00 PM	22500.000	118.103	19.904	269.193
35053.438	38832.895	26.406	24.967	28.528
1.017	14.785			
12/31/2015 4:30:00 PM	23400.000	118.108	19.905	269.205
35053.430	38832.387	26.406	24.966	28.528
1.017	14.781			
12/31/2015 4:45:00 PM	24300.000	118.102	19.906	269.192
35065.473	38845.012	26.415	24.975	28.518
1.017	14.785			
12/31/2015 5:00:00 PM	25200.000	118.093	19.905	269.171
35065.770	38845.977	26.415	24.976	28.518
1.017	14.786			
12/31/2015 5:15:00 PM	26100.000	118.102	19.905	269.192
35048.715	38827.449	26.403	24.963	28.532
1.017	14.783			
12/31/2015 5:30:00 PM	27000.000	118.087	19.904	269.156
35075.688	38857.543	26.423	24.984	28.510
1.017	14.785			
12/31/2015 5:45:00 PM	27900.000	118.056	19.905	269.086
35060.602	38840.117	26.411	24.972	28.522
1.017	14.791			
12/31/2015 6:00:00 PM	28800.000	118.073	19.906	269.126
35052.738	38830.469	26.405	24.965	28.528
1.017	14.792			
12/31/2015 6:15:00 PM	29700.000	118.073	19.906	269.124
35045.980	38823.492	26.400	24.960	28.534
1.017	14.792			
12/31/2015 6:30:00 PM	30600.000	118.075	19.904	269.129
35074.996	38856.777	26.423	24.984	28.510
1.017	14.789			
12/31/2015 6:45:00 PM	31500.000	118.069	19.906	269.116
35062.266	38840.949	26.412	24.972	28.521
1.017	14.785			
12/31/2015 7:00:00 PM	32400.000	118.032	19.905	269.031
35073.027	38854.313	26.421	24.982	28.512
1.017	14.794			
12/31/2015 7:15:00 PM	33300.000	118.061	19.906	269.097
35046.531	38824.102	26.400	24.960	28.533
1.017	14.792			
12/31/2015 7:30:00 PM	34200.000	118.046	19.905	269.062
35070.469	38851.480	26.419	24.980	28.514
1.017	14.794			
12/31/2015 7:45:00 PM	35100.000	118.042	19.904	269.054
35040.328	38818.582	26.397	24.956	28.539
1.017	14.792			
12/31/2015 8:00:00 PM	36000.000	118.025	19.904	269.016
35043.141	38821.699	26.399	24.959	28.536

1.017	14.799			
12/31/2015 8:15:00 PM	36900.000	118.024	19.904	269.012
35044.742	38823.199	26.400	24.960	28.535
1.017	14.793			
12/31/2015 8:30:00 PM	37800.000	118.017	19.904	268.996
35042.094	38820.469	26.398	24.958	28.537
1.017	14.793			
12/31/2015 8:45:00 PM	38700.000	118.015	19.904	268.992
35058.926	38839.332	26.411	24.971	28.523
1.017	14.794			
12/31/2015 9:00:00 PM	39600.000	118.016	19.903	268.994
35025.691	38803.234	26.386	24.945	28.550
1.017	14.790			
12/31/2015 9:15:00 PM	40500.000	117.997	19.902	268.951
35050.891	38831.934	26.406	24.966	28.530
1.017	14.791			
12/31/2015 9:30:00 PM	41400.000	117.996	19.904	268.950
35030.633	38808.270	26.390	24.949	28.546
1.017	14.794			
12/31/2015 9:45:00 PM	42300.000	117.987	19.904	268.928
35036.328	38814.512	26.394	24.953	28.542
1.017	14.786			
12/31/2015 10:00:00 PM	43200.000	117.983	19.903	268.921
35054.941	38835.426	26.408	24.968	28.527
1.017	14.793			
12/31/2015 10:15:00 PM	44100.000	117.972	19.903	268.895
35046.379	38826.078	26.402	24.962	28.534
1.017	14.793			
12/31/2015 10:30:00 PM	45000.000	117.975	19.903	268.901
35063.535	38845.016	26.415	24.975	28.520
1.017	14.788			
12/31/2015 10:45:00 PM	45900.000	117.959	19.903	268.865
35043.164	38822.875	26.400	24.959	28.536
1.017	14.786			
12/31/2015 11:00:00 PM	46800.000	117.962	19.903	268.872
35036.406	38815.031	26.394	24.954	28.542
1.017	14.791			
12/31/2015 11:15:00 PM	47700.000	117.966	19.903	268.880
35067.727	38849.660	26.418	24.978	28.516
1.017	14.784			
12/31/2015 11:30:00 PM	48600.000	117.960	19.903	268.867
35059.887	38841.258	26.412	24.972	28.523
1.017	14.783			
12/31/2015 11:45:00 PM	49500.000	117.972	19.903	268.895
35035.461	38814.340	26.394	24.953	28.543
1.017	14.780			
1/1/2016 12:00:00 AM	50400.000	117.933	19.903	268.806
35022.219	38799.527	26.384	24.943	28.553
1.017	14.782			
1/1/2016 12:15:00 AM	51300.000	117.968	19.903	268.885
35033.484	38812.082	26.392	24.952	28.544
1.017	14.777			
1/1/2016 12:30:00 AM	52200.000	117.947	19.902	268.838
35044.816	38825.070	26.401	24.961	28.535
1.017	14.773			
1/1/2016 12:45:00 AM	53100.000	117.967	19.903	268.884
35064.363	38846.430	26.416	24.976	28.519

1.017	14.776			
1/1/2016 1:00:00 AM	54000.000	117.958	19.903	268.863
35044.023	38823.605	26.400	24.960	28.536
1.017	14.775			
1/1/2016 1:15:00 AM	54900.000	117.972	19.903	268.894
35044.156	38823.902	26.400	24.960	28.535
1.017	14.778			
1/1/2016 1:30:00 AM	55800.000	117.984	19.902	268.923
35051.773	38832.910	26.406	24.966	28.529
1.017	14.772			
1/1/2016 1:45:00 AM	56700.000	117.984	19.903	268.921
35079.535	38862.742	26.427	24.988	28.507
1.017	14.774			
1/1/2016 2:00:00 AM	57600.000	117.984	19.901	268.921
35068.824	38852.520	26.420	24.980	28.515
1.017	14.778			
1/1/2016 2:15:00 AM	58500.000	117.992	19.901	268.941
35051.188	38833.047	26.406	24.967	28.530
1.017	14.779			
1/1/2016 2:30:00 AM	59400.000	117.995	19.900	268.948
35049.969	38832.637	26.406	24.966	28.531
1.017	14.780			
1/1/2016 2:45:00 AM	60300.000	118.009	19.901	268.978
35077.902	38862.941	26.427	24.988	28.508
1.017	14.774			
1/1/2016 3:00:00 AM	61200.000	118.021	19.901	269.006
35063.156	38846.602	26.416	24.976	28.520
1.017	14.773			
1/1/2016 3:15:00 AM	62100.000	118.020	19.900	269.003
35058.750	38842.289	26.413	24.973	28.524
1.017	14.777			
1/1/2016 3:30:00 AM	63000.000	118.020	19.901	269.003
35062.492	38845.363	26.415	24.975	28.521
1.017	14.777			
1/1/2016 3:45:00 AM	63900.000	118.030	19.901	269.026
35064.621	38848.438	26.417	24.977	28.519
1.017	14.776			
1/1/2016 4:00:00 AM	64800.000	118.024	19.900	269.012
35075.059	38860.285	26.425	24.986	28.510
1.017	14.773			
1/1/2016 4:15:00 AM	65700.000	118.031	19.901	269.030
35064.523	38847.613	26.416	24.977	28.519
1.017	14.773			
1/1/2016 4:30:00 AM	66600.000	118.040	19.900	269.049
35083.113	38869.359	26.431	24.992	28.504
1.017	14.770			
1/1/2016 4:45:00 AM	67500.000	118.051	19.900	269.074
35068.949	38853.309	26.420	24.981	28.515
1.017	14.768			
1/1/2016 5:00:00 AM	68400.000	118.066	19.899	269.108
35074.164	38860.234	26.425	24.986	28.511
1.017	14.766			
1/1/2016 5:15:00 AM	69300.000	118.059	19.901	269.092
35078.512	38863.613	26.427	24.988	28.507
1.017	14.772			
1/1/2016 5:30:00 AM	70200.000	118.067	19.900	269.112
35053.508	38836.199	26.409	24.969	28.528

1.017	14.776			
1/1/2016 5:45:00 AM	71100.000	118.074	19.900	269.127
35063.770	38847.852	26.417	24.977	28.519
1.017	14.774			
1/1/2016 6:00:00 AM	72000.000	118.074	19.900	269.127
35070.906	38855.836	26.422	24.983	28.514
1.017	14.778			
1/1/2016 6:15:00 AM	72900.000	118.080	19.901	269.140
35051.793	38833.945	26.407	24.967	28.529
1.017	14.776			
1/1/2016 6:30:00 AM	73800.000	118.080	19.902	269.140
35072.492	38856.367	26.422	24.983	28.512
1.017	14.783			
1/1/2016 6:45:00 AM	74700.000	118.079	19.901	269.139
35064.773	38848.605	26.417	24.978	28.519
1.017	14.786			
1/1/2016 7:00:00 AM	75600.000	118.073	19.900	269.126
35071.195	38855.934	26.422	24.983	28.513
1.017	14.781			
1/1/2016 7:15:00 AM	76500.000	118.084	19.900	269.151
35073.879	38858.840	26.424	24.985	28.511
1.017	14.783			
1/1/2016 7:30:00 AM	77400.000	118.079	19.900	269.138
35078.793	38864.574	26.428	24.989	28.507
1.017	14.794			
1/1/2016 7:45:00 AM	78300.000	118.080	19.900	269.142
35063.566	38847.773	26.416	24.977	28.520
1.017	14.782			
1/1/2016 8:00:00 AM	79200.000	118.050	19.899	269.073
35070.320	38856.410	26.422	24.983	28.514
1.017	14.787			
1/1/2016 8:15:00 AM	80100.000	118.076	19.899	269.131
35079.250	38866.305	26.429	24.990	28.507
1.017	14.789			
1/1/2016 8:30:00 AM	81000.000	118.072	19.899	269.122
35055.023	38838.883	26.410	24.971	28.527
1.017	14.792			
1/1/2016 8:45:00 AM	81900.000	118.064	19.898	269.105
35062.781	38848.688	26.417	24.978	28.520
1.017	14.798			
1/1/2016 9:00:00 AM	82800.000	118.069	19.899	269.115
35064.258	38849.395	26.418	24.978	28.519
1.017	14.796			
1/1/2016 9:15:00 AM	83700.000	118.082	19.898	269.146
35054.504	38839.383	26.411	24.971	28.527
1.017	14.795			
1/1/2016 9:30:00 AM	84600.000	118.071	19.897	269.121
35073.887	38861.570	26.426	24.987	28.511
1.017	14.796			
1/1/2016 9:45:00 AM	85500.000	118.065	19.898	269.106
35059.691	38845.199	26.415	24.975	28.523
1.017	14.800			
1/1/2016 10:00:00 AM	86400.000	118.065	19.897	269.106
35082.301	38870.605	26.432	24.993	28.504
1.017	14.802			
1/1/2016 10:15:00 AM	87300.000	118.068	19.897	269.114
35045.473	38830.090	26.404	24.964	28.534

1.017	14.799			
1/1/2016 10:30:00 AM	88200.000	118.060	19.898	269.096
35085.145	38873.184	26.434	24.995	28.502
1.017	14.807			
1/1/2016 10:45:00 AM	89100.000	118.069	19.896	269.116
35064.480	38851.863	26.419	24.980	28.519
1.017	14.798			
1/1/2016 11:00:00 AM	90000.000	118.059	19.896	269.092
35062.574	38849.609	26.418	24.978	28.520
1.017	14.796			
1/1/2016 11:15:00 AM	90900.000	118.063	19.896	269.102
35076.605	38865.449	26.429	24.989	28.509
1.017	14.792			
1/1/2016 11:30:00 AM	91800.000	118.054	19.897	269.082
35076.223	38863.801	26.427	24.988	28.509
1.017	14.800			
1/1/2016 11:45:00 AM	92700.000	118.046	19.896	269.062
35050.395	38836.410	26.409	24.969	28.530
1.017	14.797			
1/1/2016 12:00:00 PM	93600.000	118.047	19.895	269.067
35056.758	38844.027	26.414	24.974	28.525
1.017	14.790			
1/1/2016 12:15:00 PM	94500.000	118.059	19.895	269.093
35057.980	38845.664	26.415	24.975	28.524
1.017	14.786			
1/1/2016 12:30:00 PM	95400.000	118.060	19.895	269.095
35053.371	38840.711	26.412	24.972	28.528
1.017	14.786			
1/1/2016 12:45:00 PM	96300.000	118.049	19.895	269.071
35066.477	38854.723	26.421	24.982	28.517
1.017	14.779			
1/1/2016 1:00:00 PM	97200.000	118.056	19.895	269.085
35082.789	38873.379	26.434	24.995	28.504
1.017	14.782			
1/1/2016 1:15:00 PM	98100.000	118.057	19.896	269.089
35089.219	38879.563	26.438	24.999	28.499
1.017	14.765			
1/1/2016 1:30:00 PM	99000.000	118.051	19.896	269.074
35062.543	38850.227	26.418	24.979	28.520
1.017	14.774			
1/1/2016 1:45:00 PM	99900.000	118.058	19.894	269.092
35056.660	38845.215	26.415	24.975	28.525
1.017	14.772			
1/1/2016 2:00:00 PM	100800.000	118.030	19.895	269.027
35071.891	38861.008	26.425	24.986	28.513
1.017	14.778			
1/1/2016 2:15:00 PM	101700.000	118.057	19.895	269.088
35077.746	38867.141	26.430	24.991	28.508
1.017	14.774			
1/1/2016 2:30:00 PM	102600.000	118.064	19.895	269.105
35052.449	38839.254	26.411	24.971	28.529
1.017	14.769			
1/1/2016 2:45:00 PM	103500.000	118.065	19.895	269.106
35064.898	38853.191	26.420	24.981	28.519
1.017	14.775			
1/1/2016 3:00:00 PM	104400.000	118.052	19.894	269.078
35063.547	38852.414	26.420	24.980	28.520

1.017	14.776			
1/1/2016 3:15:00 PM	105300.000	118.067	19.891	269.110
35038.191	38826.824	26.402	24.962	28.540
1.017	14.771			
1/1/2016 3:30:00 PM	106200.000	118.070	19.889	269.117
35070.633	38864.211	26.428	24.988	28.514
1.017	14.772			
1/1/2016 3:45:00 PM	107100.000	118.066	19.888	269.109
35077.660	38873.434	26.434	24.995	28.508
1.017	14.771			
1/1/2016 4:00:00 PM	108000.000	118.070	19.887	269.118
35073.801	38869.578	26.431	24.992	28.511
1.017	14.774			
1/1/2016 4:15:00 PM	108900.000	118.061	19.886	269.098
35067.824	38864.254	26.428	24.988	28.516
1.017	14.776			
1/1/2016 4:30:00 PM	109800.000	118.060	19.884	269.095
35079.922	38879.023	26.438	24.999	28.506
1.017	14.776			
1/1/2016 4:45:00 PM	110700.000	118.081	19.884	269.143
35062.172	38859.137	26.424	24.985	28.521
1.017	14.772			
1/1/2016 5:00:00 PM	111600.000	118.069	19.883	269.115
35070.883	38869.434	26.431	24.992	28.514
1.017	14.773			
1/1/2016 5:15:00 PM	112500.000	118.077	19.883	269.133
35080.457	38880.043	26.438	24.999	28.506
1.017	14.767			
1/1/2016 5:30:00 PM	113400.000	118.042	19.881	269.055
35054.473	38853.184	26.420	24.980	28.527
1.017	14.768			
1/1/2016 5:45:00 PM	114300.000	118.086	19.883	269.155
35049.527	38845.988	26.415	24.975	28.531
1.017	14.766			
1/1/2016 6:00:00 PM	115200.000	118.064	19.882	269.104
35071.223	38870.957	26.432	24.993	28.513
1.017	14.772			
1/1/2016 6:15:00 PM	116100.000	118.063	19.883	269.103
35083.352	38883.250	26.441	25.002	28.504
1.017	14.767			
1/1/2016 6:30:00 PM	117000.000	118.065	19.882	269.107
35073.883	38873.977	26.434	24.995	28.511
1.017	14.776			
1/1/2016 6:45:00 PM	117900.000	118.063	19.884	269.103
35084.219	38883.715	26.441	25.002	28.503
1.017	14.772			
1/1/2016 7:00:00 PM	118800.000	118.065	19.884	269.106
35070.363	38868.500	26.431	24.991	28.514
1.017	14.771			
1/1/2016 7:15:00 PM	119700.000	118.059	19.883	269.094
35069.648	38868.719	26.431	24.991	28.515
1.017	14.776			
1/1/2016 7:30:00 PM	120600.000	118.058	19.883	269.091
35059.563	38856.887	26.423	24.983	28.523
1.017	14.777			
1/1/2016 7:45:00 PM	121500.000	118.057	19.883	269.089
35060.301	38858.426	26.424	24.984	28.522

1.017	14.776			
1/1/2016 8:00:00 PM	122400.000	118.054	19.883	269.081
35058.621	38856.137	26.422	24.982	28.524
1.017	14.778			
1/1/2016 8:15:00 PM	123300.000	118.015	19.883	268.992
35042.191	38837.711	26.410	24.969	28.537
1.017	14.778			
1/1/2016 8:30:00 PM	124200.000	118.051	19.884	269.075
35063.426	38860.316	26.425	24.985	28.520
1.017	14.780			
1/1/2016 8:45:00 PM	125100.000	118.017	19.884	268.997
35066.750	38864.715	26.428	24.989	28.517
1.017	14.777			
1/1/2016 9:00:00 PM	126000.000	118.043	19.883	269.055
35060.516	38858.020	26.423	24.984	28.522
1.017	14.780			
1/1/2016 9:15:00 PM	126900.000	118.037	19.882	269.044
35054.258	38852.016	26.419	24.979	28.527
1.017	14.782			
1/1/2016 9:30:00 PM	127800.000	118.029	19.882	269.024
35051.445	38848.758	26.417	24.977	28.529
1.017	14.781			
1/1/2016 9:45:00 PM	128700.000	118.020	19.883	269.003
35037.359	38832.422	26.406	24.966	28.541
1.017	14.790			
1/1/2016 10:00:00 PM	129600.000	118.031	19.882	269.029
35063.336	38862.148	26.426	24.987	28.520
1.017	14.782			
1/1/2016 10:15:00 PM	130500.000	118.015	19.882	268.992
35066.484	38865.348	26.428	24.989	28.517
1.017	14.785			
1/1/2016 10:30:00 PM	131400.000	118.022	19.883	269.009
35051.902	38848.980	26.417	24.977	28.529
1.017	14.779			
1/1/2016 10:45:00 PM	132300.000	118.024	19.882	269.014
35048.258	38845.508	26.415	24.975	28.532
1.017	14.781			
1/1/2016 11:00:00 PM	133200.000	118.015	19.881	268.993
35067.152	38867.168	26.430	24.990	28.517
1.017	14.779			
1/1/2016 11:15:00 PM	134100.000	118.014	19.882	268.991
35043.402	38839.984	26.411	24.971	28.536
1.017	14.783			
1/1/2016 11:30:00 PM	135000.000	118.016	19.881	268.994
35047.934	38846.156	26.415	24.975	28.532
1.017	14.784			
1/1/2016 11:45:00 PM	135900.000	118.019	19.882	269.001
35073.441	38873.715	26.434	24.995	28.512
1.017	14.783			
1/2/2016 12:00:00 AM	136800.000	118.005	19.882	268.971
35072.895	38872.742	26.433	24.994	28.512
1.017	14.783			
1/2/2016 12:15:00 AM	137700.000	118.010	19.881	268.982
35042.789	38840.098	26.411	24.971	28.537
1.017	14.780			
1/2/2016 12:30:00 AM	138600.000	118.010	19.881	268.982
35051.102	38849.516	26.418	24.978	28.530

1.017	14.780			
1/2/2016 12:45:00 AM	139500.000	118.020	19.881	269.004
35057.957	38856.758	26.423	24.983	28.524
1.017	14.770			
1/2/2016 1:00:00 AM	140400.000	118.008	19.881	268.976
35052.973	38851.523	26.419	24.979	28.528
1.017	14.779			
1/2/2016 1:15:00 AM	141300.000	118.017	19.882	268.998
35053.730	38851.938	26.419	24.979	28.528
1.017	14.773			
1/2/2016 1:30:00 AM	142200.000	118.015	19.882	268.993
35068.289	38867.707	26.430	24.991	28.516
1.017	14.775			
1/2/2016 1:45:00 AM	143100.000	118.026	19.882	269.017
35075.926	38876.391	26.436	24.997	28.510
1.017	14.770			
1/2/2016 2:00:00 AM	144000.000	118.031	19.882	269.029
35063.539	38862.582	26.427	24.987	28.520
1.017	14.766			
1/2/2016 2:15:00 AM	144900.000	118.027	19.883	269.019
35047.262	38843.762	26.414	24.974	28.533
1.017	14.773			
1/2/2016 2:30:00 AM	145800.000	118.036	19.882	269.041
35062.500	38861.430	26.426	24.986	28.520
1.017	14.763			
1/2/2016 2:45:00 AM	146700.000	118.035	19.882	269.038
35066.414	38865.926	26.429	24.989	28.517
1.017	14.771			
1/2/2016 3:00:00 AM	147600.000	118.048	19.882	269.068
35090.336	38892.074	26.447	25.008	28.498
1.017	14.769			
1/2/2016 3:15:00 AM	148500.000	118.050	19.882	269.073
35072.180	38872.383	26.433	24.994	28.513
1.017	14.769			
1/2/2016 3:30:00 AM	149400.000	118.060	19.881	269.095
35075.293	38875.973	26.436	24.996	28.510
1.017	14.770			
1/2/2016 3:45:00 AM	150300.000	118.072	19.881	269.123
35068.145	38868.047	26.430	24.991	28.516
1.017	14.761			
1/2/2016 4:00:00 AM	151200.000	118.075	19.882	269.129
35061.543	38860.660	26.425	24.986	28.521
1.017	14.766			
1/2/2016 4:15:00 AM	152100.000	118.083	19.881	269.147
35074.262	38875.117	26.435	24.996	28.511
1.017	14.763			
1/2/2016 4:30:00 AM	153000.000	118.084	19.881	269.151
35085.629	38888.004	26.444	25.005	28.502
1.017	14.761			
1/2/2016 4:45:00 AM	153900.000	118.065	19.881	269.106
35077.645	38879.086	26.438	24.999	28.508
1.017	14.760			
1/2/2016 5:00:00 AM	154800.000	118.103	19.881	269.194
35061.113	38860.613	26.425	24.986	28.522
1.017	14.763			
1/2/2016 5:15:00 AM	155700.000	118.111	19.882	269.212
35075.492	38875.691	26.435	24.996	28.510

1.017	14.762			
1/2/2016 5:30:00 AM	156600.000	118.077	19.880	269.134
35076.746	38878.664	26.437	24.998	28.509
1.017	14.761			
1/2/2016 5:45:00 AM	157500.000	118.083	19.880	269.147
35066.457	38867.547	26.430	24.990	28.517
1.017	14.764			
1/2/2016 6:00:00 AM	158400.000	118.118	19.880	269.227
35078.016	38880.496	26.439	25.000	28.508
1.017	14.762			
1/2/2016 6:15:00 AM	159300.000	118.117	19.882	269.224
35074.270	38874.766	26.435	24.996	28.511
1.017	14.758			
1/2/2016 6:30:00 AM	160200.000	118.134	19.881	269.263
35074.625	38876.016	26.436	24.996	28.511
1.017	14.759			
1/2/2016 6:45:00 AM	161100.000	118.127	19.880	269.248
35058.813	38859.074	26.424	24.984	28.523
1.017	14.764			
1/2/2016 7:00:00 AM	162000.000	118.145	19.880	269.288
35068.598	38869.406	26.431	24.992	28.516
1.017	14.758			
1/2/2016 7:15:00 AM	162900.000	118.136	19.880	269.268
35085.430	38888.355	26.444	25.005	28.502
1.017	14.759			
1/2/2016 7:30:00 AM	163800.000	118.146	19.880	269.291
35081.520	38883.883	26.441	25.002	28.505
1.017	14.754			
1/2/2016 7:45:00 AM	164700.000	118.140	19.881	269.279
35085.668	38888.188	26.444	25.005	28.502
1.017	14.761			
1/2/2016 8:00:00 AM	165600.000	118.146	19.882	269.292
35083.094	38884.336	26.441	25.002	28.504
1.017	14.758			
1/2/2016 8:15:00 AM	166500.000	118.147	19.880	269.295
35062.777	38863.180	26.427	24.987	28.520
1.017	14.763			
1/2/2016 8:30:00 AM	167400.000	118.147	19.879	269.293
35056.320	38856.594	26.422	24.983	28.526
1.017	14.763			
1/2/2016 8:45:00 AM	168300.000	118.144	19.879	269.286
35061.500	38862.336	26.426	24.987	28.521
1.017	14.766			
1/2/2016 9:00:00 AM	169200.000	118.143	19.880	269.285
35072.605	38874.004	26.434	24.995	28.512
1.017	14.763			
1/2/2016 9:15:00 AM	170100.000	118.140	19.880	269.277
35050.438	38849.789	26.418	24.978	28.530
1.017	14.760			
1/2/2016 9:30:00 AM	171000.000	118.140	19.880	269.278
35062.348	38862.918	26.427	24.987	28.521
1.017	14.761			
1/2/2016 9:45:00 AM	171900.000	118.136	19.880	269.268
35068.840	38870.258	26.432	24.992	28.515
1.017	14.759			
1/2/2016 10:00:00 AM	172800.000	118.141	19.879	269.280
35089.613	38893.570	26.448	25.009	28.498

1.017	14.760			
1/2/2016 10:15:00 AM	173700.000	118.118	19.879	269.227
35042.902	38842.086	26.413	24.972	28.536
1.017	14.770			
1/2/2016 10:30:00 AM	174600.000	118.110	19.877	269.210
35053.188	38854.992	26.421	24.981	28.528
1.017	14.766			
1/2/2016 10:45:00 AM	175500.000	118.140	19.879	269.277
35072.688	38875.168	26.435	24.996	28.512
1.017	14.753			
1/2/2016 11:00:00 AM	176400.000	118.125	19.878	269.244
35054.711	38855.746	26.422	24.982	28.527
1.017	14.760			
1/2/2016 11:15:00 AM	177300.000	118.107	19.879	269.203
35060.875	38862.008	26.426	24.986	28.522
1.017	14.755			
1/2/2016 11:30:00 AM	178200.000	118.114	19.878	269.219
35085.930	38890.563	26.446	25.007	28.501
1.017	14.750			
1/2/2016 11:45:00 AM	179100.000	118.110	19.878	269.209
35078.441	38882.344	26.440	25.001	28.508
1.017	14.745			
1/2/2016 12:00:00 PM	180000.000	118.106	19.877	269.200
35065.457	38868.520	26.431	24.991	28.518
1.017	14.742			
1/2/2016 12:15:00 PM	180900.000	118.105	19.877	269.199
35065.770	38868.938	26.431	24.991	28.518
1.017	14.738			
1/2/2016 12:30:00 PM	181800.000	118.105	19.878	269.197
35076.180	38879.395	26.438	24.999	28.509
1.017	14.731			
1/2/2016 12:45:00 PM	182700.000	118.116	19.878	269.222
35055.398	38856.363	26.422	24.982	28.526
1.017	14.722			
1/2/2016 1:00:00 PM	183600.000	118.099	19.878	269.184
35055.785	38857.074	26.423	24.983	28.526
1.017	14.729			
1/2/2016 1:15:00 PM	184500.000	118.112	19.878	269.214
35071.973	38874.809	26.435	24.996	28.513
1.017	14.719			
1/2/2016 1:30:00 PM	185400.000	118.116	19.879	269.223
35081.891	38885.152	26.442	25.003	28.505
1.017	14.715			
1/2/2016 1:45:00 PM	186300.000	118.101	19.878	269.189
35058.621	38860.375	26.425	24.985	28.524
1.017	14.718			
1/2/2016 2:00:00 PM	187200.000	118.103	19.878	269.193
35064.488	38866.582	26.429	24.990	28.519
1.017	14.716			
1/2/2016 2:15:00 PM	188100.000	118.101	19.878	269.188
35048.629	38849.504	26.418	24.977	28.532
1.017	14.718			
1/2/2016 2:30:00 PM	189000.000	118.117	19.877	269.224
35052.805	38854.566	26.421	24.981	28.528
1.017	14.723			
1/2/2016 2:45:00 PM	189900.000	118.095	19.877	269.174
35047.555	38848.816	26.417	24.977	28.533

1.017	14.709			
1/2/2016 3:00:00 PM	190800.000	118.101	19.877	269.189
35068.871	38872.234	26.433	24.994	28.515
1.017	14.709			
1/2/2016 3:15:00 PM	191700.000	118.101	19.876	269.189
35048.027	38849.918	26.418	24.978	28.532
1.017	14.709			
1/2/2016 3:30:00 PM	192600.000	118.090	19.878	269.163
35033.840	38833.043	26.406	24.966	28.544
1.017	14.709			
1/2/2016 3:45:00 PM	193500.000	118.103	19.876	269.194
35047.309	38849.055	26.417	24.977	28.533
1.017	14.714			
1/2/2016 4:00:00 PM	194400.000	118.095	19.876	269.175
35053.633	38856.203	26.422	24.982	28.528
1.017	14.709			
1/2/2016 4:15:00 PM	195300.000	118.103	19.878	269.193
35045.227	38845.594	26.415	24.975	28.535
1.017	14.711			
1/2/2016 4:30:00 PM	196200.000	118.097	19.877	269.179
35047.594	38849.219	26.417	24.977	28.533
1.017	14.702			
1/2/2016 4:45:00 PM	197100.000	118.108	19.876	269.204
35047.410	38849.305	26.418	24.977	28.533
1.017	14.701			
1/2/2016 5:00:00 PM	198000.000	118.107	19.877	269.202
35050.563	38852.363	26.420	24.980	28.530
1.017	14.710			
1/2/2016 5:15:00 PM	198900.000	118.110	19.877	269.208
35061.777	38864.371	26.428	24.988	28.521
1.017	14.704			
1/2/2016 5:30:00 PM	199800.000	118.105	19.877	269.198
35076.262	38880.781	26.439	25.000	28.509
1.017	14.704			
1/2/2016 5:45:00 PM	200700.000	118.102	19.874	269.192
35054.543	38859.363	26.424	24.984	28.527
1.017	14.701			
1/2/2016 6:00:00 PM	201600.000	118.080	19.874	269.140
35067.578	38873.164	26.434	24.994	28.516
1.017	14.701			
1/2/2016 6:15:00 PM	202500.000	118.106	19.873	269.200
35043.215	38847.016	26.416	24.976	28.536
1.017	14.707			
1/2/2016 6:30:00 PM	203400.000	118.119	19.873	269.229
35044.438	38848.875	26.417	24.977	28.535
1.017	14.698			
1/2/2016 6:45:00 PM	204300.000	118.105	19.872	269.199
35042.625	38847.730	26.416	24.976	28.537
1.017	14.700			
1/2/2016 7:00:00 PM	205200.000	118.075	19.872	269.128
35042.332	38847.547	26.416	24.976	28.537
1.017	14.702			
1/2/2016 7:15:00 PM	206100.000	118.105	19.872	269.197
35039.469	38843.875	26.414	24.973	28.539
1.017	14.704			
1/2/2016 7:30:00 PM	207000.000	118.108	19.873	269.205
35058.891	38864.973	26.428	24.988	28.523

1.017	14.705			
1/2/2016 7:45:00 PM	207900.000	118.103	19.873	269.194
35023.465	38825.414	26.401	24.960	28.552
1.017	14.707			
1/2/2016 8:00:00 PM	208800.000	118.096	19.874	269.177
35046.328	38850.332	26.418	24.978	28.534
1.017	14.706			
1/2/2016 8:15:00 PM	209700.000	118.108	19.871	269.205
35045.680	38851.402	26.419	24.979	28.534
1.017	14.702			
1/2/2016 8:30:00 PM	210600.000	118.103	19.873	269.192
35045.418	38850.105	26.418	24.978	28.534
1.017	14.711			
1/2/2016 8:45:00 PM	211500.000	118.092	19.873	269.167
35047.332	38851.871	26.419	24.979	28.533
1.017	14.718			
1/2/2016 9:00:00 PM	212400.000	118.086	19.873	269.154
35056.324	38861.621	26.426	24.986	28.526
1.017	14.720			
1/2/2016 9:15:00 PM	213300.000	118.090	19.871	269.162
35058.340	38865.578	26.429	24.989	28.524
1.017	14.710			
1/2/2016 9:30:00 PM	214200.000	118.073	19.872	269.125
35046.516	38852.113	26.419	24.979	28.534
1.017	14.724			
1/2/2016 9:45:00 PM	215100.000	118.086	19.872	269.154
35036.828	38840.949	26.412	24.971	28.541
1.017	14.716			
1/2/2016 10:00:00 PM	216000.000	118.054	19.871	269.082
35051.328	38857.805	26.423	24.983	28.530
1.017	14.714			
1/2/2016 10:15:00 PM	216900.000	118.077	19.871	269.134
35045.586	38851.297	26.419	24.979	28.534
1.017	14.717			
1/2/2016 10:30:00 PM	217800.000	118.078	19.873	269.137
35012.660	38813.648	26.393	24.952	28.561
1.017	14.712			
1/2/2016 10:45:00 PM	218700.000	118.066	19.872	269.109
35033.398	38837.285	26.409	24.969	28.544
1.017	14.709			
1/2/2016 11:00:00 PM	219600.000	118.048	19.871	269.069
35022.301	38825.848	26.402	24.960	28.553
1.017	14.705			
1/2/2016 11:15:00 PM	220500.000	118.056	19.872	269.086
35043.012	38848.160	26.417	24.976	28.536
1.017	14.708			
1/2/2016 11:30:00 PM	221400.000	118.056	19.871	269.087
35042.117	38847.527	26.416	24.976	28.537
1.017	14.712			
1/2/2016 11:45:00 PM	222300.000	118.060	19.871	269.095
35039.984	38845.805	26.415	24.975	28.539
1.017	14.705			
1/3/2016 12:00:00 AM	223200.000	118.059	19.871	269.093
35032.594	38837.473	26.409	24.969	28.545
1.017	14.703			
1/3/2016 12:15:00 AM	224100.000	118.061	19.871	269.097
35033.043	38837.605	26.410	24.969	28.544

1.017	14.704			
1/3/2016 12:30:00 AM	225000.000	118.054	19.872	269.082
35038.539	38843.410	26.414	24.973	28.540
1.017	14.698			
1/3/2016 12:45:00 AM	225900.000	118.055	19.872	269.085
35050.816	38856.953	26.423	24.983	28.530
1.017	14.697			
1/3/2016 1:00:00 AM	226800.000	118.057	19.871	269.089
35045.031	38851.184	26.419	24.978	28.535
1.017	14.696			
1/3/2016 1:15:00 AM	227700.000	118.060	19.871	269.095
35026.730	38830.758	26.405	24.964	28.550
1.017	14.697			
1/3/2016 1:30:00 AM	228600.000	118.062	19.872	269.099
35026.523	38829.949	26.404	24.963	28.550
1.017	14.693			
1/3/2016 1:45:00 AM	229500.000	118.064	19.871	269.104
35040.227	38845.566	26.415	24.974	28.539
1.017	14.693			
1/3/2016 2:00:00 AM	230400.000	118.057	19.870	269.089
35031.293	38836.242	26.409	24.968	28.546
1.017	14.693			
1/3/2016 2:15:00 AM	231300.000	118.081	19.872	269.143
35055.629	38862.004	26.426	24.986	28.526
1.017	14.691			
1/3/2016 2:30:00 AM	232200.000	118.068	19.872	269.113
35054.066	38860.625	26.425	24.985	28.527
1.017	14.695			
1/3/2016 2:45:00 AM	233100.000	118.073	19.871	269.125
35046.289	38852.793	26.420	24.980	28.534
1.017	14.695			
1/3/2016 3:00:00 AM	234000.000	118.089	19.871	269.162
35050.277	38856.938	26.423	24.983	28.530
1.017	14.692			
1/3/2016 3:15:00 AM	234900.000	118.095	19.871	269.175
35050.035	38856.305	26.422	24.982	28.531
1.017	14.690			
1/3/2016 3:30:00 AM	235800.000	118.085	19.871	269.151
35038.609	38844.277	26.414	24.974	28.540
1.017	14.693			
1/3/2016 3:45:00 AM	236700.000	118.098	19.870	269.182
35038.246	38844.094	26.414	24.973	28.540
1.017	14.685			
1/3/2016 4:00:00 AM	237600.000	118.105	19.871	269.198
35047.324	38853.223	26.420	24.980	28.533
1.017	14.682			
1/3/2016 4:15:00 AM	238500.000	118.105	19.871	269.198
35046.215	38852.711	26.420	24.980	28.534
1.017	14.685			
1/3/2016 4:30:00 AM	239400.000	118.126	19.871	269.245
35046.848	38853.344	26.420	24.980	28.533
1.017	14.673			
1/3/2016 4:45:00 AM	240300.000	118.130	19.871	269.255
35060.941	38868.320	26.430	24.991	28.522
1.017	14.667			
1/3/2016 5:00:00 AM	241200.000	118.141	19.871	269.279
35068.465	38876.941	26.436	24.997	28.516

1.017	14.670			
1/3/2016 5:15:00 AM	242100.000	118.138	19.870	269.273
35044.211	38850.992	26.419	24.978	28.535
1.017	14.675			
1/3/2016 5:30:00 AM	243000.000	118.138	19.869	269.274
35052.785	38860.859	26.425	24.985	28.528
1.017	14.672			
1/3/2016 5:45:00 AM	243900.000	118.161	19.871	269.326
35045.844	38851.863	26.419	24.979	28.534
1.017	14.667			
1/3/2016 6:00:00 AM	244800.000	118.160	19.872	269.324
35053.871	38860.406	26.425	24.985	28.528
1.017	14.664			
1/3/2016 6:15:00 AM	245700.000	118.164	19.871	269.333
35065.711	38873.973	26.434	24.995	28.518
1.017	14.666			
1/3/2016 6:30:00 AM	246600.000	118.164	19.870	269.331
35047.605	38854.543	26.421	24.981	28.533
1.017	14.674			
1/3/2016 6:45:00 AM	247500.000	118.170	19.871	269.345
35065.664	38874.203	26.434	24.995	28.518
1.017	14.672			
1/3/2016 7:00:00 AM	248400.000	118.175	19.869	269.358
35045.504	38853.070	26.420	24.980	28.534
1.017	14.667			
1/3/2016 7:15:00 AM	249300.000	118.192	19.868	269.396
35060.344	38870.246	26.432	24.992	28.522
1.017	14.672			
1/3/2016 7:30:00 AM	250200.000	118.185	19.870	269.381
35042.340	38849.137	26.417	24.977	28.537
1.017	14.675			
1/3/2016 7:45:00 AM	251100.000	118.185	19.869	269.380
35074.910	38885.387	26.442	25.003	28.510
1.017	14.668			
1/3/2016 8:00:00 AM	252000.000	118.192	19.871	269.397
35036.992	38842.484	26.413	24.972	28.541
1.017	14.673			
1/3/2016 8:15:00 AM	252900.000	118.190	19.870	269.391
35070.629	38879.996	26.438	24.999	28.514
1.017	14.673			
1/3/2016 8:30:00 AM	253800.000	118.202	19.870	269.419
35059.082	38867.621	26.430	24.990	28.523
1.017	14.674			
1/3/2016 8:45:00 AM	254700.000	118.154	19.871	269.309
35052.629	38859.820	26.425	24.985	28.529
1.017	14.682			
1/3/2016 9:00:00 AM	255600.000	118.197	19.870	269.408
35036.746	38842.789	26.413	24.972	28.541
1.017	14.680			
1/3/2016 9:15:00 AM	256500.000	118.192	19.870	269.397
35084.359	38895.355	26.449	25.010	28.503
1.017	14.675			
1/3/2016 9:30:00 AM	257400.000	118.192	19.871	269.395
35049.254	38856.078	26.422	24.982	28.531
1.017	14.688			
1/3/2016 9:45:00 AM	258300.000	118.179	19.870	269.366
35041.773	38848.289	26.417	24.976	28.537

1.017	14.675			
1/3/2016 10:00:00 AM	259200.000	118.192	19.870	269.396
35042.746	38849.289	26.418	24.977	28.537
1.017	14.673			
1/3/2016 10:15:00 AM	260100.000	118.184	19.869	269.377
35052.621	38860.816	26.425	24.985	28.529
1.017	14.676			
1/3/2016 10:30:00 AM	261000.000	118.181	19.869	269.372
35043.625	38851.414	26.419	24.979	28.536
1.017	14.673			
1/3/2016 10:45:00 AM	261900.000	118.177	19.867	269.361
35030.328	38837.684	26.410	24.969	28.547
1.017	14.668			
1/3/2016 11:00:00 AM	262800.000	118.174	19.870	269.355
35036.418	38841.992	26.413	24.972	28.542
1.017	14.667			
1/3/2016 11:15:00 AM	263700.000	118.192	19.870	269.396
35048.488	38855.809	26.422	24.982	28.532
1.017	14.664			
1/3/2016 11:30:00 AM	264600.000	118.168	19.870	269.341
35069.809	38879.223	26.438	24.998	28.515
1.017	14.657			
1/3/2016 11:45:00 AM	265500.000	118.157	19.870	269.317
35063.824	38873.023	26.434	24.994	28.519
1.017	14.655			
1/3/2016 12:00:00 PM	266400.000	118.165	19.868	269.335
35086.344	38898.918	26.451	25.012	28.501
1.017	14.654			
1/3/2016 12:15:00 PM	267300.000	118.152	19.869	269.305
35069.270	38879.203	26.438	24.998	28.515
1.017	14.646			
1/3/2016 12:30:00 PM	268200.000	118.159	19.869	269.320
35058.500	38867.695	26.430	24.990	28.524
1.017	14.643			
1/3/2016 12:45:00 PM	269100.000	118.150	19.868	269.301
35062.211	38872.164	26.433	24.993	28.521
1.017	14.646			
1/3/2016 1:00:00 PM	270000.000	118.155	19.868	269.312
35058.141	38867.734	26.430	24.990	28.524
1.017	14.640			
1/3/2016 1:15:00 PM	270900.000	118.137	19.868	269.272
35042.508	38850.969	26.419	24.978	28.537
1.017	14.638			
1/3/2016 1:30:00 PM	271800.000	118.140	19.864	269.278
35046.176	38857.688	26.423	24.983	28.534
1.017	14.625			
1/3/2016 1:45:00 PM	272700.000	118.147	19.865	269.293
35069.215	38882.660	26.440	25.001	28.515
1.017	14.615			
1/3/2016 2:00:00 PM	273600.000	118.132	19.866	269.259
35076.012	38889.191	26.445	25.005	28.510
1.017	14.621			
1/3/2016 2:15:00 PM	274500.000	118.133	19.868	269.262
35063.359	38874.160	26.434	24.995	28.520
1.017	14.624			
1/3/2016 2:30:00 PM	275400.000	118.129	19.868	269.252
35071.703	38883.266	26.441	25.001	28.513

1.017	14.624			
1/3/2016 2:45:00 PM	276300.000	118.139	19.867	269.276
35072.254	38884.234	26.441	25.002	28.513
1.017	14.613			
1/3/2016 3:00:00 PM	277200.000	118.117	19.868	269.225
35082.773	38895.402	26.449	25.010	28.504
1.017	14.627			
1/3/2016 3:15:00 PM	278100.000	118.135	19.867	269.266
35066.672	38878.047	26.437	24.997	28.517
1.017	14.615			
1/3/2016 3:30:00 PM	279000.000	118.124	19.868	269.240
35079.184	38891.629	26.446	25.007	28.507
1.017	14.621			
1/3/2016 3:45:00 PM	279900.000	118.129	19.867	269.252
35051.453	38861.469	26.426	24.986	28.529
1.017	14.610			
1/3/2016 4:00:00 PM	280800.000	118.099	19.867	269.185
35077.934	38890.602	26.446	25.006	28.508
1.017	14.615			
1/3/2016 4:15:00 PM	281700.000	118.116	19.869	269.223
35056.793	38865.945	26.429	24.989	28.525
1.017	14.617			
1/3/2016 4:30:00 PM	282600.000	118.125	19.868	269.244
35070.719	38882.176	26.440	25.000	28.514
1.017	14.618			
1/3/2016 4:45:00 PM	283500.000	118.138	19.867	269.273
35059.707	38870.324	26.432	24.992	28.523
1.017	14.615			
1/3/2016 5:00:00 PM	284400.000	118.140	19.867	269.277
35076.250	38888.527	26.444	25.005	28.509
1.017	14.613			
1/3/2016 5:15:00 PM	285300.000	118.141	19.867	269.280
35071.598	38883.367	26.441	25.001	28.513
1.017	14.612			
1/3/2016 5:30:00 PM	286200.000	118.131	19.867	269.258
35075.715	38888.215	26.444	25.005	28.510
1.017	14.613			
1/3/2016 5:45:00 PM	287100.000	118.131	19.867	269.256
35059.125	38870.113	26.432	24.992	28.523
1.017	14.622			
1/3/2016 6:00:00 PM	288000.000	118.147	19.866	269.294
35054.320	38865.363	26.428	24.988	28.527
1.017	14.613			
1/3/2016 6:15:00 PM	288900.000	118.140	19.865	269.277
35064.082	38877.047	26.436	24.997	28.519
1.017	14.618			
1/3/2016 6:30:00 PM	289800.000	118.139	19.865	269.274
35065.770	38878.703	26.438	24.998	28.518
1.017	14.619			
1/3/2016 6:45:00 PM	290700.000	118.143	19.865	269.284
35078.395	38892.555	26.447	25.008	28.508
1.017	14.619			
1/3/2016 7:00:00 PM	291600.000	118.152	19.866	269.305
35057.941	38869.516	26.431	24.991	28.524
1.017	14.624			
1/3/2016 7:15:00 PM	292500.000	118.152	19.865	269.305
35050.707	38862.355	26.426	24.986	28.530

1.017	14.625			
1/3/2016 7:30:00 PM	293400.000	118.142	19.867	269.283
35057.434	38868.383	26.431	24.991	28.525
1.017	14.625			
1/3/2016 7:45:00 PM	294300.000	118.153	19.866	269.308
35065.156	38877.227	26.437	24.997	28.518
1.017	14.622			
1/3/2016 8:00:00 PM	295200.000	118.151	19.866	269.304
35082.121	38896.469	26.450	25.011	28.505
1.017	14.625			
1/3/2016 8:15:00 PM	296100.000	118.150	19.866	269.301
35063.375	38875.609	26.435	24.996	28.520
1.017	14.625			
1/3/2016 8:30:00 PM	297000.000	118.149	19.866	269.298
35052.379	38863.418	26.427	24.987	28.529
1.017	14.618			
1/3/2016 8:45:00 PM	297900.000	118.166	19.865	269.336
35101.609	38918.656	26.465	25.026	28.489
1.017	14.620			
1/3/2016 9:00:00 PM	298800.000	118.152	19.866	269.306
35070.727	38883.262	26.441	25.001	28.514
1.017	14.620			
1/3/2016 9:15:00 PM	299700.000	118.149	19.864	269.297
35080.180	38895.461	26.449	25.010	28.506
1.017	14.624			
1/3/2016 9:30:00 PM	300600.000	118.156	19.865	269.315
35074.129	38888.047	26.444	25.005	28.511
1.017	14.619			
1/3/2016 9:45:00 PM	301500.000	118.153	19.865	269.307
35075.273	38889.316	26.445	25.005	28.510
1.017	14.623			
1/3/2016 10:00:00 PM	302400.000	118.157	19.865	269.316
35065.004	38878.137	26.437	24.997	28.518
1.017	14.620			
1/3/2016 10:15:00 PM	303300.000	118.149	19.865	269.298
35075.434	38889.840	26.445	25.006	28.510
1.017	14.623			
1/3/2016 10:30:00 PM	304200.000	118.163	19.865	269.330
35084.672	38899.516	26.452	25.013	28.502
1.017	14.623			
1/3/2016 10:45:00 PM	305100.000	118.157	19.865	269.317
35089.023	38904.840	26.455	25.016	28.499
1.017	14.628			
1/3/2016 11:00:00 PM	306000.000	118.157	19.865	269.315
35067.887	38881.473	26.439	25.000	28.516
1.017	14.620			
1/3/2016 11:15:00 PM	306900.000	118.145	19.863	269.289
35061.648	38876.289	26.436	24.996	28.521
1.017	14.620			
1/3/2016 11:30:00 PM	307800.000	118.118	19.864	269.226
35068.293	38882.719	26.440	25.001	28.516
1.017	14.626			
1/3/2016 11:45:00 PM	308700.000	118.150	19.865	269.301
35079.461	38893.809	26.448	25.009	28.507
1.017	14.626			
1/4/2016 12:00:00 AM	309600.000	118.118	19.865	269.227
35065.184	38878.625	26.437	24.998	28.518

1.017	14.620			
1/4/2016 12:15:00 AM	310500.000	118.131	19.864	269.256
35068.016	38882.129	26.440	25.000	28.516
1.017	14.622			
1/4/2016 12:30:00 AM	311400.000	118.149	19.863	269.299
35076.617	38892.805	26.447	25.008	28.509
1.017	14.616			
1/4/2016 12:45:00 AM	312300.000	118.150	19.865	269.301
35063.914	38877.289	26.437	24.997	28.519
1.017	14.612			
1/4/2016 1:00:00 AM	313200.000	118.146	19.863	269.292
35049.195	38862.254	26.426	24.986	28.531
1.017	14.616			
1/4/2016 1:15:00 AM	314100.000	118.145	19.863	269.289
35060.070	38874.383	26.435	24.995	28.522
1.017	14.620			
1/4/2016 1:30:00 AM	315000.000	118.160	19.864	269.323
35067.887	38881.988	26.440	25.000	28.516
1.017	14.609			
1/4/2016 1:45:00 AM	315900.000	118.160	19.864	269.323
35049.820	38862.453	26.426	24.986	28.531
1.017	14.613			
1/4/2016 2:00:00 AM	316800.000	118.150	19.864	269.300
35060.719	38874.535	26.435	24.995	28.522
1.017	14.617			
1/4/2016 2:15:00 AM	317700.000	118.161	19.864	269.325
35046.398	38858.656	26.424	24.984	28.534
1.017	14.615			
1/4/2016 2:30:00 AM	318600.000	118.160	19.864	269.323
35069.160	38883.820	26.441	25.001	28.515
1.017	14.615			
1/4/2016 2:45:00 AM	319500.000	118.171	19.864	269.349
35066.094	38880.207	26.439	24.999	28.518
1.017	14.614			
1/4/2016 3:00:00 AM	320400.000	118.131	19.864	269.257
35064.777	38879.035	26.438	24.998	28.519
1.017	14.616			
1/4/2016 3:15:00 AM	321300.000	118.172	19.864	269.351
35051.348	38864.000	26.428	24.987	28.530
1.017	14.614			
1/4/2016 3:30:00 AM	322200.000	118.177	19.863	269.363
35079.301	38895.637	26.449	25.010	28.507
1.017	14.608			
1/4/2016 3:45:00 AM	323100.000	118.197	19.863	269.408
35075.133	38891.016	26.446	25.007	28.510
1.017	14.601			
1/4/2016 4:00:00 AM	324000.000	118.194	19.864	269.401
35056.742	38869.984	26.432	24.992	28.525
1.017	14.603			
1/4/2016 4:15:00 AM	324900.000	118.204	19.861	269.424
35071.531	38888.246	26.444	25.005	28.513
1.017	14.600			
1/4/2016 4:30:00 AM	325800.000	118.207	19.863	269.431
35071.484	38887.039	26.443	25.004	28.513
1.017	14.601			
1/4/2016 4:45:00 AM	326700.000	118.224	19.862	269.469
35076.480	38893.090	26.447	25.008	28.509

1.017	14.601			
1/4/2016 5:00:00 AM	327600.000	118.210	19.863	269.437
35071.426	38887.199	26.443	25.004	28.513
1.017	14.599			
1/4/2016 5:15:00 AM	328500.000	118.229	19.863	269.480
35050.301	38863.551	26.427	24.987	28.530
1.017	14.597			
1/4/2016 5:30:00 AM	329400.000	118.225	19.861	269.470
35063.004	38879.156	26.438	24.998	28.520
1.017	14.600			
1/4/2016 5:45:00 AM	330300.000	118.240	19.862	269.506
35074.531	38891.496	26.446	25.007	28.511
1.017	14.600			
1/4/2016 6:00:00 AM	331200.000	118.245	19.860	269.516
35068.379	38885.980	26.442	25.003	28.516
1.017	14.601			
1/4/2016 6:15:00 AM	332100.000	118.257	19.860	269.545
35065.441	38882.727	26.440	25.001	28.518
1.017	14.601			
1/4/2016 6:30:00 AM	333000.000	118.265	19.860	269.562
35068.414	38885.727	26.442	25.003	28.516
1.017	14.599			
1/4/2016 6:45:00 AM	333900.000	118.262	19.859	269.555
35066.293	38884.164	26.441	25.002	28.517
1.017	14.605			
1/4/2016 7:00:00 AM	334800.000	118.272	19.857	269.579
35075.262	38895.973	26.449	25.010	28.510
1.017	14.615			
1/4/2016 7:15:00 AM	335700.000	118.281	19.857	269.598
35073.574	38894.031	26.448	25.009	28.511
1.017	14.620			
1/4/2016 7:30:00 AM	336600.000	118.283	19.856	269.602
35078.262	38900.523	26.452	25.013	28.508
1.017	14.609			
1/4/2016 7:45:00 AM	337500.000	118.257	19.857	269.544
35070.848	38891.441	26.446	25.007	28.514
1.017	14.617			
1/4/2016 8:00:00 AM	338400.000	118.289	19.857	269.617
35087.359	38909.754	26.459	25.020	28.500
1.017	14.613			
1/4/2016 8:15:00 AM	339300.000	118.296	19.855	269.634
35082.852	38905.977	26.456	25.017	28.504
1.017	14.613			
1/4/2016 8:30:00 AM	340200.000	118.297	19.855	269.634
35067.465	38888.695	26.444	25.005	28.516
1.017	14.611			
1/4/2016 8:45:00 AM	341100.000	118.295	19.857	269.632
35062.977	38882.789	26.440	25.000	28.520
1.017	14.617			
1/4/2016 9:00:00 AM	342000.000	118.294	19.857	269.627
35074.949	38895.555	26.449	25.010	28.510
1.017	14.614			
1/4/2016 9:15:00 AM	342900.000	118.281	19.857	269.599
35048.137	38865.891	26.429	24.988	28.532
1.017	14.617			
1/4/2016 9:30:00 AM	343800.000	118.293	19.858	269.627
35062.313	38881.250	26.439	24.999	28.521

1.017	14.623			
1/4/2016 9:45:00 AM	344700.000	118.297	19.858	269.636
35056.391	38874.473	26.435	24.995	28.525
1.017	14.622			
1/4/2016 10:00:00 AM	345600.000	118.293	19.857	269.625
35058.828	38877.746	26.437	24.997	28.523
1.017	14.627			
1/4/2016 10:15:00 AM	346500.000	118.291	19.856	269.621
35064.527	38884.645	26.442	25.002	28.519
1.017	14.629			
1/4/2016 10:30:00 AM	347400.000	118.280	19.858	269.598
35088.180	38909.871	26.459	25.020	28.500
1.017	14.626			
1/4/2016 10:45:00 AM	348300.000	118.269	19.857	269.572
35063.871	38883.270	26.441	25.001	28.519
1.017	14.622			
1/4/2016 11:00:00 AM	349200.000	118.278	19.857	269.592
35058.742	38877.582	26.437	24.997	28.524
1.017	14.626			
1/4/2016 11:15:00 AM	350100.000	118.280	19.856	269.597
35081.727	38903.789	26.455	25.015	28.505
1.017	14.623			
1/4/2016 11:30:00 AM	351000.000	118.281	19.856	269.598
35052.379	38871.602	26.433	24.993	28.529
1.017	14.623			
1/4/2016 11:45:00 AM	351900.000	118.270	19.855	269.573
35063.848	38885.117	26.442	25.002	28.519
1.017	14.621			
1/4/2016 12:00:00 PM	352800.000	118.258	19.856	269.547
35062.543	38883.023	26.440	25.001	28.520
1.017	14.618			
1/4/2016 12:15:00 PM	353700.000	118.233	19.856	269.490
35058.473	38878.148	26.437	24.997	28.524
1.017	14.614			
1/4/2016 12:30:00 PM	354600.000	118.252	19.856	269.533
35051.715	38870.582	26.432	24.992	28.529
1.017	14.611			
1/4/2016 12:45:00 PM	355500.000	118.242	19.854	269.511
35061.234	38883.156	26.441	25.001	28.522
1.017	14.611			
1/4/2016 1:00:00 PM	356400.000	118.236	19.855	269.496
35061.684	38882.504	26.440	25.000	28.521
1.017	14.605			
1/4/2016 1:15:00 PM	357300.000	118.231	19.855	269.485
35065.742	38887.141	26.443	25.004	28.518
1.017	14.603			
1/4/2016 1:30:00 PM	358200.000	118.232	19.855	269.487
35072.727	38894.531	26.448	25.009	28.512
1.017	14.605			
1/4/2016 1:45:00 PM	359100.000	118.195	19.854	269.403
35063.551	38885.145	26.442	25.002	28.520
1.017	14.599			
1/4/2016 2:00:00 PM	360000.000	118.228	19.855	269.479
35060.418	38881.383	26.439	24.999	28.522
1.017	14.595			
1/4/2016 2:15:00 PM	360900.000	118.180	19.855	269.368
35077.711	38900.773	26.453	25.013	28.508

1.017	14.601			
1/4/2016 2:30:00 PM	361800.000	118.182	19.855	269.372
35057.434	38877.859	26.437	24.997	28.525
1.017	14.598			
1/4/2016 2:45:00 PM	362700.000	118.218	19.855	269.454
35055.285	38875.262	26.435	24.995	28.526
1.017	14.599			
1/4/2016 3:00:00 PM	363600.000	118.198	19.856	269.409
35055.965	38875.508	26.435	24.995	28.526
1.017	14.596			
1/4/2016 3:15:00 PM	364500.000	118.213	19.856	269.444
35061.871	38881.770	26.440	25.000	28.521
1.017	14.592			
1/4/2016 3:30:00 PM	365400.000	118.197	19.856	269.408
35066.352	38887.094	26.443	25.004	28.517
1.017	14.591			
1/4/2016 3:45:00 PM	366300.000	118.189	19.854	269.390
35056.863	38877.730	26.437	24.997	28.525
1.017	14.596			
1/4/2016 4:00:00 PM	367200.000	118.199	19.855	269.411
35058.172	38879.105	26.438	24.998	28.524
1.017	14.591			
1/4/2016 4:15:00 PM	368100.000	118.196	19.853	269.406
35054.887	38876.398	26.436	24.996	28.527
1.017	14.594			
1/4/2016 4:30:00 PM	369000.000	118.200	19.853	269.413
35055.215	38876.836	26.436	24.996	28.526
1.017	14.591			
1/4/2016 4:45:00 PM	369900.000	118.202	19.852	269.419
35072.359	38896.637	26.450	25.010	28.512
1.017	14.594			
1/4/2016 5:00:00 PM	370800.000	118.191	19.853	269.395
35068.754	38892.203	26.447	25.007	28.515
1.017	14.599			
1/4/2016 5:15:00 PM	371700.000	118.195	19.853	269.404
35059.309	38881.730	26.440	25.000	28.523
1.017	14.601			
1/4/2016 5:30:00 PM	372600.000	118.199	19.853	269.412
35064.777	38887.512	26.444	25.004	28.519
1.017	14.591			
1/4/2016 5:45:00 PM	373500.000	118.192	19.853	269.395
35028.840	38848.297	26.417	24.976	28.548
1.017	14.605			
1/4/2016 6:00:00 PM	374400.000	118.196	19.853	269.405
35038.520	38858.816	26.424	24.983	28.540
1.017	14.601			
1/4/2016 6:15:00 PM	375300.000	118.182	19.852	269.373
35023.730	38842.988	26.413	24.972	28.552
1.017	14.606			
1/4/2016 6:30:00 PM	376200.000	118.197	19.852	269.407
35047.695	38869.566	26.431	24.991	28.533
1.017	14.601			
1/4/2016 6:45:00 PM	377100.000	118.200	19.852	269.415
35059.699	38882.953	26.440	25.000	28.523
1.017	14.599			
1/4/2016 7:00:00 PM	378000.000	118.206	19.853	269.428
35054.297	38876.383	26.436	24.996	28.527

1.017	14.602			
1/4/2016 7:15:00 PM	378900.000	118.195	19.852	269.404
35077.258	38902.070	26.453	25.014	28.508
1.017	14.602			
1/4/2016 7:30:00 PM	379800.000	118.212	19.853	269.441
35057.957	38880.445	26.439	24.999	28.524
1.017	14.594			
1/4/2016 7:45:00 PM	380700.000	118.210	19.853	269.438
35062.680	38885.824	26.442	25.003	28.520
1.017	14.606			
1/4/2016 8:00:00 PM	381600.000	118.216	19.853	269.450
35051.289	38873.051	26.434	24.993	28.530
1.017	14.594			
1/4/2016 8:15:00 PM	382500.000	118.215	19.852	269.448
35058.762	38882.059	26.440	25.000	28.524
1.017	14.598			
1/4/2016 8:30:00 PM	383400.000	118.221	19.853	269.461
35057.809	38880.066	26.438	24.998	28.524
1.017	14.603			
1/4/2016 8:45:00 PM	384300.000	118.216	19.851	269.451
35041.531	38863.742	26.427	24.987	28.538
1.017	14.600			
1/4/2016 9:00:00 PM	385200.000	118.228	19.852	269.477
35051.875	38874.559	26.435	24.994	28.529
1.017	14.597			
1/4/2016 9:15:00 PM	386100.000	118.224	19.852	269.469
35041.133	38862.082	26.426	24.986	28.538
1.017	14.595			
1/4/2016 9:30:00 PM	387000.000	118.229	19.853	269.481
35058.457	38880.785	26.439	24.999	28.524
1.017	14.595			
1/4/2016 9:45:00 PM	387900.000	118.231	19.853	269.485
35064.238	38887.340	26.443	25.004	28.519
1.017	14.595			
1/4/2016 10:00:00 PM	388800.000	118.237	19.852	269.499
35067.230	38891.023	26.446	25.006	28.517
1.017	14.587			
1/4/2016 10:15:00 PM	389700.000	118.225	19.853	269.470
35056.242	38878.543	26.437	24.997	28.526
1.017	14.589			
1/4/2016 10:30:00 PM	390600.000	118.237	19.852	269.498
35053.453	38876.242	26.436	24.996	28.528
1.017	14.587			
1/4/2016 10:45:00 PM	391500.000	118.228	19.852	269.478
35062.582	38886.297	26.443	25.003	28.520
1.017	14.588			
1/4/2016 11:00:00 PM	392400.000	118.233	19.851	269.490
35063.215	38887.723	26.444	25.004	28.520
1.017	14.583			
1/4/2016 11:15:00 PM	393300.000	118.225	19.850	269.471
35050.043	38873.965	26.434	24.994	28.531
1.017	14.584			
1/4/2016 11:30:00 PM	394200.000	118.230	19.851	269.483
35057.590	38881.184	26.439	24.999	28.524
1.017	14.583			
1/4/2016 11:45:00 PM	395100.000	118.229	19.851	269.481
35048.223	38871.160	26.432	24.992	28.532

1.017	14.584			
1/5/2016 12:00:00 AM	396000.000	118.238	19.851	269.501
35075.844	38901.652	26.453	25.014	28.510
1.017	14.578			
1/5/2016 12:15:00 AM	396900.000	118.244	19.851	269.513
35071.586	38897.145	26.450	25.011	28.513
1.017	14.570			
1/5/2016 12:30:00 AM	397800.000	118.254	19.851	269.537
35065.570	38890.473	26.446	25.006	28.518
1.017	14.570			
1/5/2016 12:45:00 AM	398700.000	118.235	19.850	269.494
35067.035	38892.316	26.447	25.007	28.517
1.017	14.575			
1/5/2016 1:00:00 AM	399600.000	118.245	19.851	269.517
35071.711	38897.066	26.450	25.010	28.513
1.017	14.568			
1/5/2016 1:15:00 AM	400500.000	118.241	19.850	269.508
35040.715	38863.340	26.427	24.986	28.538
1.017	14.569			
1/5/2016 1:30:00 AM	401400.000	118.248	19.850	269.523
35068.691	38894.438	26.448	25.009	28.515
1.017	14.565			
1/5/2016 1:45:00 AM	402300.000	118.212	19.851	269.441
35067.977	38892.703	26.447	25.007	28.516
1.017	14.568			
1/5/2016 2:00:00 AM	403200.000	118.243	19.850	269.512
35077.914	38904.383	26.455	25.016	28.508
1.017	14.568			
1/5/2016 2:15:00 AM	404100.000	118.262	19.850	269.555
35068.215	38894.348	26.448	25.008	28.516
1.017	14.562			
1/5/2016 2:30:00 AM	405000.000	118.228	19.850	269.477
35061.984	38887.438	26.443	25.004	28.521
1.017	14.559			
1/5/2016 2:45:00 AM	405900.000	118.254	19.850	269.538
35045.367	38868.934	26.431	24.990	28.534
1.017	14.562			
1/5/2016 3:00:00 AM	406800.000	118.258	19.850	269.547
35076.410	38903.438	26.454	25.015	28.509
1.017	14.559			
1/5/2016 3:15:00 AM	407700.000	118.274	19.851	269.582
35056.164	38880.039	26.438	24.998	28.526
1.017	14.552			
1/5/2016 3:30:00 AM	408600.000	118.257	19.850	269.544
35066.160	38892.137	26.447	25.007	28.518
1.017	14.552			
1/5/2016 3:45:00 AM	409500.000	118.276	19.852	269.587
35065.355	38889.441	26.445	25.005	28.518
1.017	14.543			
1/5/2016 4:00:00 AM	410400.000	118.282	19.850	269.602
35060.480	38885.117	26.442	25.002	28.522
1.017	14.540			
1/5/2016 4:15:00 AM	411300.000	118.280	19.851	269.596
35062.988	38887.395	26.443	25.004	28.520
1.017	14.545			
1/5/2016 4:30:00 AM	412200.000	118.262	19.850	269.557
35044.918	38867.855	26.430	24.990	28.535

1.017	14.539			
1/5/2016 4:45:00 AM	413100.000	118.292	19.849	269.624
35054.023	38878.891	26.438	24.997	28.527
1.017	14.550			
1/5/2016 5:00:00 AM	414000.000	118.311	19.850	269.667
35073.656	38900.309	26.452	25.013	28.511
1.017	14.540			
1/5/2016 5:15:00 AM	414900.000	118.322	19.850	269.692
35042.551	38865.883	26.429	24.988	28.537
1.017	14.543			
1/5/2016 5:30:00 AM	415800.000	118.332	19.848	269.716
35055.039	38881.313	26.439	24.999	28.527
1.017	14.543			
1/5/2016 5:45:00 AM	416700.000	118.337	19.846	269.728
35064.512	38893.320	26.447	25.008	28.519
1.017	14.541			
1/5/2016 6:00:00 AM	417600.000	118.352	19.844	269.760
35065.488	38896.352	26.450	25.010	28.518
1.017	14.540			
1/5/2016 6:15:00 AM	418500.000	118.360	19.843	269.779
35048.090	38877.125	26.436	24.996	28.532
1.017	14.535			
1/5/2016 6:30:00 AM	419400.000	118.369	19.843	269.799
35081.871	38915.023	26.462	25.023	28.505
1.017	14.541			
1/5/2016 6:45:00 AM	420300.000	118.374	19.841	269.811
35059.918	38892.035	26.447	25.007	28.523
1.017	14.545			
1/5/2016 7:00:00 AM	421200.000	118.385	19.841	269.836
35071.289	38904.648	26.455	25.016	28.513
1.017	14.543			
1/5/2016 7:15:00 AM	422100.000	118.408	19.842	269.889
35055.664	38887.102	26.443	25.003	28.526
1.017	14.556			
1/5/2016 7:30:00 AM	423000.000	118.397	19.840	269.862
35064.070	38898.004	26.451	25.011	28.519
1.017	14.550			
1/5/2016 7:45:00 AM	423900.000	118.405	19.839	269.881
35083.199	38919.516	26.465	25.026	28.504
1.017	14.553			
1/5/2016 8:00:00 AM	424800.000	118.402	19.838	269.875
35081.820	38918.922	26.465	25.026	28.505
1.017	14.553			
1/5/2016 8:15:00 AM	425700.000	118.414	19.836	269.901
35062.914	38899.609	26.452	25.012	28.520
1.017	14.555			
1/5/2016 8:30:00 AM	426600.000	118.407	19.837	269.887
35068.051	38904.867	26.455	25.016	28.516
1.017	14.563			
1/5/2016 8:45:00 AM	427500.000	118.415	19.837	269.904
35070.566	38906.949	26.457	25.017	28.514
1.017	14.559			
1/5/2016 9:00:00 AM	428400.000	118.427	19.837	269.931
35059.867	38895.863	26.449	25.009	28.523
1.017	14.560			
1/5/2016 9:15:00 AM	429300.000	118.422	19.836	269.921
35063.867	38901.086	26.453	25.013	28.519

1.017	14.567			
1/5/2016 9:30:00 AM	430200.000	118.444	19.834	269.971
35086.656	38927.301	26.471	25.031	28.501
1.017	14.566			
1/5/2016 9:45:00 AM	431100.000	118.433	19.835	269.945
35063.281	38901.230	26.453	25.013	28.520
1.017	14.567			
1/5/2016 10:00:00 AM	432000.000	118.417	19.834	269.908
35064.199	38903.109	26.454	25.014	28.519
1.017	14.580			
1/5/2016 10:15:00 AM	432900.000	118.425	19.834	269.927
35066.055	38904.516	26.455	25.015	28.518
1.017	14.579			
1/5/2016 10:30:00 AM	433800.000	118.419	19.834	269.914
35056.375	38894.215	26.448	25.008	28.525
1.017	14.591			
1/5/2016 10:45:00 AM	434700.000	118.410	19.833	269.893
35050.285	38888.258	26.444	25.004	28.530
1.017	14.590			
1/5/2016 11:00:00 AM	435600.000	118.416	19.833	269.907
35028.109	38863.426	26.427	24.986	28.549
1.017	14.588			
1/5/2016 11:15:00 AM	436500.000	118.379	19.833	269.821
35035.691	38871.984	26.433	24.992	28.542
1.017	14.590			
1/5/2016 11:30:00 AM	437400.000	118.397	19.832	269.864
35059.773	38899.570	26.452	25.012	28.523
1.017	14.590			
1/5/2016 11:45:00 AM	438300.000	118.393	19.833	269.855
35056.902	38895.082	26.449	25.008	28.525
1.017	14.597			
1/5/2016 12:00:00 PM	439200.000	118.398	19.832	269.866
35059.594	38899.648	26.452	25.012	28.523
1.017	14.589			
1/5/2016 12:15:00 PM	440100.000	118.387	19.833	269.841
35058.152	38897.270	26.450	25.010	28.524
1.017	14.593			
1/5/2016 12:30:00 PM	441000.000	118.378	19.833	269.820
35069.801	38910.047	26.459	25.019	28.515
1.017	14.594			
1/5/2016 12:45:00 PM	441900.000	118.368	19.832	269.797
35069.117	38909.648	26.459	25.019	28.515
1.017	14.594			
1/5/2016 1:00:00 PM	442800.000	118.365	19.831	269.790
35059.895	38900.203	26.452	25.012	28.523
1.017	14.594			
1/5/2016 1:15:00 PM	443700.000	118.352	19.833	269.760
35055.539	38894.293	26.448	25.008	28.526
1.017	14.607			
1/5/2016 1:30:00 PM	444600.000	118.350	19.831	269.755
35059.750	38899.898	26.452	25.012	28.523
1.017	14.604			
1/5/2016 1:45:00 PM	445500.000	118.330	19.832	269.711
35033.090	38869.887	26.432	24.991	28.544
1.017	14.606			
1/5/2016 2:00:00 PM	446400.000	118.331	19.832	269.712
35075.664	38916.980	26.464	25.024	28.510

1.017	14.608			
1/5/2016 2:15:00 PM	447300.000	118.324	19.831	269.698
35091.414	38935.754	26.476	25.037	28.497
1.017	14.609			
1/5/2016 2:30:00 PM	448200.000	118.320	19.831	269.689
35054.855	38894.465	26.448	25.008	28.527
1.017	14.608			
1/5/2016 2:45:00 PM	449100.000	118.294	19.830	269.629
35058.813	38900.371	26.452	25.012	28.523
1.017	14.612			
1/5/2016 3:00:00 PM	450000.000	118.312	19.831	269.670
35061.152	38901.895	26.453	25.013	28.522
1.017	14.608			
1/5/2016 3:15:00 PM	450900.000	118.260	19.830	269.551
35052.379	38892.727	26.447	25.007	28.529
1.017	14.614			
1/5/2016 3:30:00 PM	451800.000	118.289	19.830	269.617
35071.266	38913.895	26.461	25.022	28.513
1.017	14.615			
1/5/2016 3:45:00 PM	452700.000	118.281	19.831	269.599
35063.953	38904.563	26.455	25.015	28.519
1.017	14.617			
1/5/2016 4:00:00 PM	453600.000	118.279	19.832	269.595
35061.551	38901.684	26.453	25.013	28.521
1.017	14.622			
1/5/2016 4:15:00 PM	454500.000	118.273	19.832	269.581
35063.000	38903.289	26.454	25.014	28.520
1.017	14.621			
1/5/2016 4:30:00 PM	455400.000	118.270	19.830	269.574
35057.324	38898.426	26.451	25.011	28.525
1.017	14.625			
1/5/2016 4:45:00 PM	456300.000	118.274	19.831	269.583
35048.211	38887.742	26.444	25.003	28.532
1.017	14.626			
1/5/2016 5:00:00 PM	457200.000	118.261	19.830	269.554
35043.020	38882.199	26.440	24.999	28.536
1.017	14.633			
1/5/2016 5:15:00 PM	458100.000	118.300	19.830	269.643
35048.871	38889.191	26.445	25.004	28.532
1.017	14.628			
1/5/2016 5:30:00 PM	459000.000	118.239	19.831	269.503
35047.410	38886.426	26.443	25.002	28.533
1.017	14.640			
1/5/2016 5:45:00 PM	459900.000	118.265	19.830	269.562
35053.328	38893.848	26.448	25.008	28.528
1.017	14.636			
1/5/2016 6:00:00 PM	460800.000	118.262	19.830	269.556
35052.371	38892.859	26.447	25.007	28.529
1.017	14.639			
1/5/2016 6:15:00 PM	461700.000	118.270	19.830	269.573
35045.375	38885.313	26.442	25.001	28.534
1.017	14.642			
1/5/2016 6:30:00 PM	462600.000	118.256	19.830	269.542
35075.340	38918.559	26.465	25.025	28.510
1.017	14.647			
1/5/2016 6:45:00 PM	463500.000	118.269	19.829	269.571
35066.445	38909.629	26.459	25.019	28.517

1.017	14.643			
1/5/2016 7:00:00 PM	464400.000	118.265	19.830	269.564
35053.746	38894.750	26.448	25.008	28.528
1.017	14.645			
1/5/2016 7:15:00 PM	465300.000	118.234	19.829	269.493
35069.555	38912.863	26.461	25.021	28.515
1.017	14.645			
1/5/2016 7:30:00 PM	466200.000	118.271	19.829	269.577
35056.809	38898.652	26.451	25.011	28.525
1.017	14.649			
1/5/2016 7:45:00 PM	467100.000	118.249	19.828	269.526
35087.066	38932.723	26.474	25.035	28.501
1.017	14.650			
1/5/2016 8:00:00 PM	468000.000	118.274	19.830	269.582
35059.223	38900.898	26.453	25.012	28.523
1.017	14.650			
1/5/2016 8:15:00 PM	468900.000	118.275	19.829	269.585
35066.328	38909.645	26.459	25.019	28.517
1.017	14.654			
1/5/2016 8:30:00 PM	469800.000	118.290	19.828	269.620
35066.727	38910.664	26.459	25.019	28.517
1.017	14.652			
1/5/2016 8:45:00 PM	470700.000	118.287	19.828	269.612
35058.629	38901.891	26.453	25.013	28.524
1.017	14.657			
1/5/2016 9:00:00 PM	471600.000	118.280	19.828	269.596
35043.238	38884.234	26.441	25.001	28.536
1.017	14.665			
1/5/2016 9:15:00 PM	472500.000	118.283	19.828	269.603
35050.871	38892.789	26.447	25.007	28.530
1.017	14.671			
1/5/2016 9:30:00 PM	473400.000	118.284	19.829	269.605
35068.699	38912.055	26.460	25.020	28.515
1.017	14.667			
1/5/2016 9:45:00 PM	474300.000	118.288	19.828	269.616
35063.031	38906.488	26.456	25.016	28.520
1.017	14.674			
1/5/2016 10:00:00 PM	475200.000	118.305	19.828	269.654
35066.867	38910.895	26.459	25.020	28.517
1.017	14.670			
1/5/2016 10:15:00 PM	476100.000	118.295	19.828	269.631
35059.691	38902.781	26.454	25.014	28.523
1.017	14.670			
1/5/2016 10:30:00 PM	477000.000	118.306	19.828	269.656
35070.707	38915.293	26.462	25.023	28.514
1.017	14.666			
1/5/2016 10:45:00 PM	477900.000	118.310	19.827	269.665
35059.723	38903.250	26.454	25.014	28.523
1.017	14.670			
1/5/2016 11:00:00 PM	478800.000	118.304	19.828	269.652
35061.875	38905.496	26.456	25.016	28.521
1.017	14.668			
1/5/2016 11:15:00 PM	479700.000	118.291	19.829	269.622
35064.293	38907.164	26.457	25.017	28.519
1.017	14.672			
1/5/2016 11:30:00 PM	480600.000	118.306	19.826	269.655
35061.801	38906.641	26.457	25.016	28.521

1.017	14.666			
1/5/2016 11:45:00 PM	481500.000	118.309	19.827	269.662
35072.676	38918.059	26.464	25.025	28.512
1.017	14.663			
1/6/2016 12:00:00 AM	482400.000	118.307	19.826	269.659
35068.367	38913.848	26.461	25.022	28.516
1.017	14.662			
1/6/2016 12:15:00 AM	483300.000	118.303	19.827	269.650
35082.945	38929.098	26.472	25.033	28.504
1.017	14.655			
1/6/2016 12:30:00 AM	484200.000	118.315	19.827	269.677
35069.094	38914.152	26.462	25.022	28.515
1.017	14.654			
1/6/2016 12:45:00 AM	485100.000	118.311	19.826	269.667
35053.719	38898.090	26.451	25.010	28.528
1.017	14.654			
1/6/2016 1:00:00 AM	486000.000	118.313	19.826	269.672
35065.629	38911.102	26.460	25.020	28.518
1.017	14.655			
1/6/2016 1:15:00 AM	486900.000	118.305	19.826	269.654
35037.754	38879.598	26.438	24.997	28.541
1.017	14.648			
1/6/2016 1:30:00 AM	487800.000	118.319	19.826	269.686
35048.961	38892.246	26.447	25.006	28.532
1.017	14.639			
1/6/2016 1:45:00 AM	488700.000	118.294	19.826	269.628
35081.496	38928.133	26.471	25.032	28.505
1.017	14.642			
1/6/2016 2:00:00 AM	489600.000	118.318	19.828	269.682
35047.324	38889.211	26.445	25.004	28.533
1.017	14.634			
1/6/2016 2:15:00 AM	490500.000	118.314	19.826	269.675
35065.359	38910.941	26.459	25.020	28.518
1.017	14.630			
1/6/2016 2:30:00 AM	491400.000	118.324	19.827	269.696
35068.648	38913.660	26.461	25.021	28.515
1.017	14.632			
1/6/2016 2:45:00 AM	492300.000	118.327	19.827	269.705
35049.395	38892.293	26.447	25.006	28.531
1.017	14.619			
1/6/2016 3:00:00 AM	493200.000	118.318	19.826	269.683
35059.527	38904.469	26.455	25.015	28.523
1.017	14.620			
1/6/2016 3:15:00 AM	494100.000	118.334	19.826	269.720
35062.781	38908.012	26.457	25.017	28.520
1.017	14.609			
1/6/2016 3:30:00 AM	495000.000	118.333	19.826	269.717
35063.668	38908.566	26.458	25.018	28.520
1.017	14.600			
1/6/2016 3:45:00 AM	495900.000	118.336	19.825	269.725
35062.238	38907.836	26.457	25.017	28.521
1.017	14.598			
1/6/2016 4:00:00 AM	496800.000	118.342	19.827	269.738
35056.770	38900.410	26.452	25.012	28.525
1.017	14.591			
1/6/2016 4:15:00 AM	497700.000	118.314	19.826	269.673
35082.266	38929.633	26.472	25.033	28.504

1.017	14.589			
1/6/2016 4:30:00 AM	498600.000	118.362	19.825	269.782
35090.914	38939.516	26.479	25.040	28.497
1.017	14.586			
1/6/2016 4:45:00 AM	499500.000	118.370	19.825	269.803
35073.781	38921.012	26.466	25.027	28.511
1.017	14.583			
1/6/2016 5:00:00 AM	500400.000	118.382	19.825	269.830
35065.617	38911.949	26.460	25.020	28.518
1.017	14.581			
1/6/2016 5:15:00 AM	501300.000	118.386	19.825	269.838
35058.328	38904.000	26.455	25.015	28.524
1.017	14.582			
1/6/2016 5:30:00 AM	502200.000	118.396	19.824	269.861
35079.004	38927.234	26.471	25.031	28.507
1.017	14.592			
1/6/2016 5:45:00 AM	503100.000	118.406	19.825	269.884
35079.230	38926.477	26.470	25.031	28.507
1.017	14.593			
1/6/2016 6:00:00 AM	504000.000	118.402	19.824	269.875
35075.570	38923.641	26.468	25.029	28.510
1.017	14.598			
1/6/2016 6:15:00 AM	504900.000	118.411	19.824	269.896
35070.355	38917.707	26.464	25.024	28.514
1.017	14.604			
1/6/2016 6:30:00 AM	505800.000	118.429	19.824	269.937
35070.191	38918.031	26.464	25.024	28.514
1.017	14.593			
1/6/2016 6:45:00 AM	506700.000	118.426	19.824	269.930
35079.781	38928.313	26.471	25.032	28.506
1.017	14.585			
1/6/2016 7:00:00 AM	507600.000	118.410	19.823	269.893
35076.750	38925.379	26.469	25.030	28.509
1.017	14.584			
1/6/2016 7:15:00 AM	508500.000	118.450	19.823	269.985
35054.727	38901.520	26.453	25.013	28.527
1.017	14.581			
1/6/2016 7:30:00 AM	509400.000	118.459	19.824	270.003
35067.523	38914.996	26.462	25.022	28.516
1.017	14.590			
1/6/2016 7:45:00 AM	510300.000	118.432	19.823	269.943
35066.438	38914.008	26.462	25.022	28.517
1.017	14.587			
1/6/2016 8:00:00 AM	511200.000	118.464	19.825	270.017
35077.883	38925.629	26.469	25.030	28.508
1.017	14.585			
1/6/2016 8:15:00 AM	512100.000	118.476	19.824	270.043
35043.645	38888.574	26.444	25.004	28.536
1.017	14.595			
1/6/2016 8:30:00 AM	513000.000	118.478	19.824	270.048
35057.004	38903.398	26.454	25.014	28.525
1.017	14.603			
1/6/2016 8:45:00 AM	513900.000	118.484	19.824	270.061
35069.496	38917.262	26.464	25.024	28.515
1.017	14.604			
1/6/2016 9:00:00 AM	514800.000	118.489	19.824	270.074
35058.199	38904.727	26.455	25.015	28.524

1.017	14.599			
1/6/2016 9:15:00 AM	515700.000	118.476	19.822	270.043
35068.672	38917.422	26.464	25.024	28.515
1.017	14.613			
1/6/2016 9:30:00 AM	516600.000	118.485	19.823	270.063
35078.793	38927.719	26.471	25.031	28.507
1.017	14.609			
1/6/2016 9:45:00 AM	517500.000	118.491	19.822	270.077
35055.844	38903.188	26.454	25.014	28.526
1.017	14.614			
1/6/2016 10:00:00 AM	518400.000	118.488	19.822	270.070
35068.590	38917.547	26.464	25.024	28.516
1.017	14.617			
1/6/2016 10:15:00 AM	519300.000	118.484	19.822	270.062
35060.047	38908.207	26.458	25.017	28.522
1.017	14.614			
1/6/2016 10:30:00 AM	520200.000	118.491	19.821	270.078
35058.563	38906.926	26.457	25.017	28.524
1.017	14.608			
1/6/2016 10:45:00 AM	521100.000	118.488	19.822	270.071
35070.859	38919.637	26.465	25.026	28.514
1.017	14.616			
1/6/2016 11:00:00 AM	522000.000	118.494	19.821	270.085
35043.930	38891.047	26.446	25.005	28.536
1.017	14.613			
1/6/2016 11:15:00 AM	522900.000	118.484	19.822	270.061
35076.887	38926.324	26.470	25.030	28.509
1.017	14.607			
1/6/2016 11:30:00 AM	523800.000	118.489	19.822	270.074
35047.371	38894.070	26.448	25.007	28.533
1.017	14.609			
1/6/2016 11:45:00 AM	524700.000	118.479	19.820	270.049
35049.270	38897.332	26.450	25.010	28.531
1.017	14.603			
1/6/2016 12:00:00 PM	525600.000	118.480	19.821	270.053
35068.074	38917.559	26.464	25.024	28.516
1.017	14.595			
1/6/2016 12:15:00 PM	526500.000	118.475	19.821	270.042
35041.094	38888.113	26.444	25.003	28.538
1.017	14.594			
1/6/2016 12:30:00 PM	527400.000	118.457	19.820	270.000
35061.301	38910.898	26.459	25.019	28.521
1.017	14.595			
1/6/2016 12:45:00 PM	528300.000	118.471	19.822	270.032
35052.363	38899.828	26.452	25.011	28.529
1.017	14.596			
1/6/2016 1:00:00 PM	529200.000	118.447	19.820	269.977
35069.871	38920.621	26.466	25.026	28.515
1.017	14.596			
1/6/2016 1:15:00 PM	530100.000	118.448	19.820	269.979
35045.512	38893.738	26.448	25.007	28.534
1.017	14.591			
1/6/2016 1:30:00 PM	531000.000	118.434	19.821	269.948
35050.191	38898.211	26.451	25.010	28.531
1.017	14.590			
1/6/2016 1:45:00 PM	531900.000	118.416	19.818	269.907
35054.441	38905.000	26.455	25.015	28.527

1.017	14.597			
1/6/2016 2:00:00 PM	532800.000	118.424	19.819	269.924
35064.934	38916.148	26.463	25.023	28.519
1.017	14.592			
1/6/2016 2:15:00 PM	533700.000	118.413	19.818	269.901
35062.277	38913.492	26.461	25.021	28.521
1.017	14.588			
1/6/2016 2:30:00 PM	534600.000	118.402	19.819	269.874
35055.832	38905.980	26.456	25.016	28.526
1.017	14.586			
1/6/2016 2:45:00 PM	535500.000	118.387	19.819	269.840
35068.457	38919.914	26.466	25.026	28.516
1.017	14.588			
1/6/2016 3:00:00 PM	536400.000	118.384	19.818	269.833
35075.074	38928.129	26.471	25.031	28.510
1.017	14.587			
1/6/2016 3:15:00 PM	537300.000	118.372	19.817	269.806
35069.652	38922.609	26.467	25.028	28.515
1.017	14.591			
1/6/2016 3:30:00 PM	538200.000	118.367	19.819	269.794
35064.758	38915.672	26.463	25.023	28.519
1.017	14.593			
1/6/2016 3:45:00 PM	539100.000	118.365	19.818	269.789
35061.574	38913.074	26.461	25.021	28.521
1.017	14.591			
1/6/2016 4:00:00 PM	540000.000	118.353	19.818	269.764
35070.031	38922.305	26.467	25.027	28.514
1.017	14.591			
1/6/2016 4:15:00 PM	540900.000	118.357	19.819	269.772
35055.516	38905.129	26.455	25.015	28.526
1.017	14.588			
1/6/2016 4:30:00 PM	541800.000	118.313	19.819	269.671
35057.773	38908.273	26.458	25.017	28.524
1.017	14.597			
1/6/2016 4:45:00 PM	542700.000	118.312	19.818	269.670
35041.227	38890.195	26.445	25.005	28.538
1.017	14.593			
1/6/2016 5:00:00 PM	543600.000	118.335	19.818	269.723
35073.340	38926.340	26.470	25.030	28.512
1.017	14.598			
1/6/2016 5:15:00 PM	544500.000	118.310	19.818	269.665
35066.844	38919.207	26.465	25.025	28.517
1.017	14.593			
1/6/2016 5:30:00 PM	545400.000	118.335	19.818	269.723
35063.340	38915.395	26.462	25.022	28.520
1.017	14.593			
1/6/2016 5:45:00 PM	546300.000	118.283	19.816	269.604
35031.074	38880.805	26.439	24.998	28.546
1.017	14.596			
1/6/2016 6:00:00 PM	547200.000	118.322	19.815	269.693
35047.727	38900.074	26.452	25.011	28.533
1.017	14.594			
1/6/2016 6:15:00 PM	548100.000	118.316	19.814	269.679
35041.891	38894.250	26.448	25.007	28.537
1.017	14.601			
1/6/2016 6:30:00 PM	549000.000	118.322	19.815	269.693
35039.324	38890.746	26.446	25.005	28.539

1.017	14.606			
1/6/2016 6:45:00 PM	549900.000	118.336	19.816	269.724
35047.188	38898.320	26.451	25.010	28.533
1.017	14.603			
1/6/2016 7:00:00 PM	550800.000	118.336	19.815	269.724
35031.875	38882.555	26.440	24.999	28.545
1.017	14.606			
1/6/2016 7:15:00 PM	551700.000	118.331	19.817	269.714
35068.207	38921.582	26.467	25.027	28.516
1.017	14.603			
1/6/2016 7:30:00 PM	552600.000	118.329	19.816	269.709
35049.656	38901.141	26.453	25.012	28.531
1.017	14.605			
1/6/2016 7:45:00 PM	553500.000	118.311	19.816	269.668
35048.367	38900.219	26.452	25.012	28.532
1.017	14.611			
1/6/2016 8:00:00 PM	554400.000	118.346	19.815	269.747
35066.176	38920.551	26.466	25.026	28.518
1.017	14.608			
1/6/2016 8:15:00 PM	555300.000	118.343	19.816	269.740
35064.887	38918.332	26.464	25.024	28.519
1.017	14.608			
1/6/2016 8:30:00 PM	556200.000	118.346	19.816	269.746
35060.055	38912.602	26.461	25.020	28.522
1.017	14.608			
1/6/2016 8:45:00 PM	557100.000	118.341	19.815	269.735
35060.293	38913.813	26.461	25.021	28.522
1.017	14.620			
1/6/2016 9:00:00 PM	558000.000	118.358	19.815	269.773
35077.777	38933.359	26.475	25.035	28.508
1.017	14.614			
1/6/2016 9:15:00 PM	558900.000	118.347	19.815	269.749
35056.648	38910.133	26.459	25.019	28.525
1.017	14.615			
1/6/2016 9:30:00 PM	559800.000	118.354	19.817	269.765
35055.605	38907.238	26.457	25.017	28.526
1.017	14.618			
1/6/2016 9:45:00 PM	560700.000	118.365	19.816	269.789
35088.703	38944.988	26.483	25.043	28.499
1.017	14.616			
1/6/2016 10:00:00 PM	561600.000	118.367	19.816	269.794
35049.637	38901.695	26.453	25.013	28.531
1.017	14.623			
1/6/2016 10:15:00 PM	562500.000	118.378	19.817	269.820
35062.066	38914.266	26.462	25.022	28.521
1.017	14.619			
1/6/2016 10:30:00 PM	563400.000	118.361	19.815	269.781
35078.355	38934.363	26.475	25.036	28.508
1.017	14.629			
1/6/2016 10:45:00 PM	564300.000	118.385	19.815	269.835
35070.441	38925.145	26.469	25.029	28.514
1.017	14.623			
1/6/2016 11:00:00 PM	565200.000	118.374	19.815	269.811
35052.621	38905.367	26.456	25.015	28.529
1.017	14.634			
1/6/2016 11:15:00 PM	566100.000	118.383	19.815	269.830
35061.004	38914.672	26.462	25.022	28.522

1.017	14.629			
1/6/2016 11:30:00 PM	567000.000	118.378	19.815	269.821
35060.277	38914.160	26.462	25.021	28.522
1.017	14.629			
1/6/2016 11:45:00 PM	567900.000	118.385	19.814	269.835
35075.629	38931.910	26.474	25.034	28.510
1.017	14.629			

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

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
12/31/2015	0:00:00	0	135.654	17.6	4850.3
12/31/2015	0:15:00	0	135.617	17.6	4833.1
12/31/2015	0:30:00	0	135.642	17.6	4865.2
12/31/2015	0:45:00	0	135.645	17.6	4845.7
12/31/2015	1:00:00	0	135.628	17.6	4835.4
12/31/2015	1:15:00	0	135.669	17.6	4829.6
12/31/2015	1:30:00	0	135.668	17.6	4825
12/31/2015	1:45:00	0	135.665	17.6	4807.8
12/31/2015	2:00:00	0	135.663	17.6	4802.1
12/31/2015	2:15:00	0	135.702	17.6	4771.1
12/31/2015	2:30:00	0	135.677	17.6	4759.6
12/31/2015	2:45:00	0	135.657	17.6	4749.3
12/31/2015	3:00:00	0	135.681	17.6	4717.1
12/31/2015	3:15:00	0	135.703	17.6	4681.5
12/31/2015	3:30:00	0	135.664	17.6	4670.1
12/31/2015	3:45:00	0	135.705	17.6	4640.2
12/31/2015	4:00:00	0	135.69	17.6	4626.4
12/31/2015	4:15:00	0	135.691	17.6	4592
12/31/2015	4:30:00	0	135.692	17.6	4548.4
12/31/2015	4:45:00	0	135.711	17.6	4528.9
12/31/2015	5:00:00	0	135.735	17.6	4486.4
12/31/2015	5:15:00	0	135.693	17.6	4476.1
12/31/2015	5:30:00	0	135.731	17.6	4431.3
12/31/2015	5:45:00	0	135.752	17.6	4400.3
12/31/2015	6:00:00	0	135.717	17.6	4387.7
12/31/2015	6:15:00	0	135.739	17.6	4362.4
12/31/2015	6:30:00	0	135.699	17.6	4339.4
12/31/2015	6:45:00	0	135.754	17.6	4310.7
12/31/2015	7:00:00	0	135.771	17.6	4300.4
12/31/2015	7:15:00	0	135.774	17.6	4298.1
12/31/2015	7:30:00	0	135.75	17.6	4279.7

12/31/2015	7:45:00	0	135.753	17.6	4279.7
12/31/2015	8:00:00	0	135.773	17.6	4269.4
12/31/2015	8:15:00	0	135.723	17.6	4271.7
12/31/2015	8:30:00	0	135.755	17.6	4267.1
12/31/2015	8:45:00	0	135.727	17.6	4269.4
12/31/2015	9:00:00	0	135.743	17.6	4266
12/31/2015	9:15:00	0	135.736	17.6	4279.7
12/31/2015	9:30:00	0	135.75	17.6	4293.5
12/31/2015	9:45:00	0	135.729	17.6	4301.6
12/31/2015	10:00:00	0	135.74	17.6	4318.8
12/31/2015	10:15:00	0	135.72	17.6	4321.1
12/31/2015	10:30:00	0	135.741	17.6	4341.7
12/31/2015	10:45:00	0	135.706	17.6	4350.9
12/31/2015	11:00:00	0	135.731	17.6	4363.5
12/31/2015	11:15:00	0	135.733	17.6	4360.1
12/31/2015	11:30:00	0	135.699	17.6	4378.5
12/31/2015	11:45:00	0	135.744	17.6	4393.4
12/31/2015	12:00:00	0	135.754	17.6	4401.4
12/31/2015	12:15:00	0	135.766	17.6	4394.5
12/31/2015	12:30:00	0	135.74	17.6	4401.4
12/31/2015	12:45:00	0	135.747	17.6	4387.7
12/31/2015	13:00:00	0	135.754	17.6	4408.3
12/31/2015	13:15:00	0	135.719	17.6	4395.7
12/31/2015	13:30:00	0	135.744	17.6	4415.2
12/31/2015	13:45:00	0	135.771	17.6	4395.7
12/31/2015	14:00:00	0	135.738	17.6	4400.3
12/31/2015	14:15:00	0	135.744	17.6	4384.2
12/31/2015	14:30:00	0	135.728	17.6	4381.9
12/31/2015	14:45:00	0	135.748	17.6	4368.1
12/31/2015	15:00:00	0	135.774	17.6	4364.7
12/31/2015	15:15:00	0	135.78	17.6	4359
12/31/2015	15:30:00	0	135.765	17.6	4355.5
12/31/2015	15:45:00	0	135.749	17.6	4345.2
12/31/2015	16:00:00	0	135.748	17.6	4338.3
12/31/2015	16:15:00	0	135.768	17.6	4326.8
12/31/2015	16:30:00	0	135.785	17.6	4324.5
12/31/2015	16:45:00	0	135.785	17.6	4307.3
12/31/2015	17:00:00	0	135.764	17.6	4314.2
12/31/2015	17:15:00	0	135.763	17.6	4319.9
12/31/2015	17:30:00	0	135.762	17.6	4316.5
12/31/2015	17:45:00	0	135.76	17.6	4325.7
12/31/2015	18:00:00	0	135.756	17.6	4321.1
12/31/2015	18:15:00	0	135.799	17.6	4329.1
12/31/2015	18:30:00	0	135.739	17.6	4332.6
12/31/2015	18:45:00	0	135.741	17.6	4359
12/31/2015	19:00:00	0	135.74	17.6	4362.4
12/31/2015	19:15:00	0	135.716	17.6	4388.8

12/31/2015	19:30:00	0	135.717	17.6	4387.7
12/31/2015	19:45:00	0	135.735	17.6	4433.6
12/31/2015	20:00:00	0	135.69	17.6	4450.8
12/31/2015	20:15:00	0	135.754	17.6	4469.2
12/31/2015	20:30:00	0	135.717	17.6	4504.8
12/31/2015	20:45:00	0	135.678	17.6	4528.9
12/31/2015	21:00:00	0	135.642	17.6	4547.2
12/31/2015	21:15:00	0	135.703	17.6	4564.4
12/31/2015	21:30:00	0	135.687	17.6	4598.9
12/31/2015	21:45:00	0	135.669	17.6	4617.3
12/31/2015	22:00:00	0	135.693	17.6	4651.7
12/31/2015	22:15:00	0	135.694	17.6	4671.2
12/31/2015	22:30:00	0	135.671	17.6	4683.8
12/31/2015	22:45:00	0	135.655	17.6	4729.8
12/31/2015	23:00:00	0	135.662	17.6	4749.3
12/31/2015	23:15:00	0	135.651	17.6	4755
12/31/2015	23:30:00	0	135.714	17.6	4796.3
12/31/2015	23:45:00	0	135.636	17.6	4798.6
1/1/2016	0:00:00	0	135.657	17.6	4805.5
1/1/2016	0:15:00	0	135.602	17.6	4811.3
1/1/2016	0:30:00	0	135.623	17.6	4833.1
1/1/2016	0:45:00	0	135.65	17.6	4820.5
1/1/2016	1:00:00	0	135.655	17.6	4831.9
1/1/2016	1:15:00	0	135.675	17.6	4813.6
1/1/2016	1:30:00	0	135.654	17.6	4797.5
1/1/2016	1:45:00	0	135.615	17.6	4825
1/1/2016	2:00:00	0	135.671	17.6	4809
1/1/2016	2:15:00	0	135.667	17.6	4802.1
1/1/2016	2:30:00	0	135.645	17.6	4779.1
1/1/2016	2:45:00	0	135.665	17.6	4774.5
1/1/2016	3:00:00	0	135.626	17.6	4736.6
1/1/2016	3:15:00	0	135.671	17.6	4720.6
1/1/2016	3:30:00	0	135.673	17.6	4712.5
1/1/2016	3:45:00	0	135.697	17.6	4680.4
1/1/2016	4:00:00	0	135.699	17.6	4659.7
1/1/2016	4:15:00	0	135.72	17.6	4633.3
1/1/2016	4:30:00	0	135.668	17.6	4603.5
1/1/2016	4:45:00	0	135.69	17.6	4561
1/1/2016	5:00:00	0	135.685	17.6	4528.9
1/1/2016	5:15:00	0	135.702	17.6	4505.9
1/1/2016	5:30:00	0	135.741	17.6	4499
1/1/2016	5:45:00	0	135.696	17.6	4470.3
1/1/2016	6:00:00	0	135.71	17.6	4437
1/1/2016	6:15:00	0	135.706	17.6	4425.5
1/1/2016	6:30:00	0	135.719	17.6	4371.6
1/1/2016	6:45:00	0	135.733	17.6	4344
1/1/2016	7:00:00	0	135.711	17.6	4333.7

1/1/2016	7:15:00	0	135.733	17.6	4313
1/1/2016	7:30:00	0	135.731	17.6	4298.1
1/1/2016	7:45:00	0	135.728	17.6	4295.8
1/1/2016	8:00:00	0	135.726	17.6	4275.2
1/1/2016	8:15:00	0	135.738	17.6	4276.3
1/1/2016	8:30:00	0	135.729	17.6	4254.5
1/1/2016	8:45:00	0	135.684	17.6	4232.7
1/1/2016	9:00:00	0	135.716	17.6	4248.7
1/1/2016	9:15:00	0	135.732	17.6	4251
1/1/2016	9:30:00	0	135.701	17.6	4252.2
1/1/2016	9:45:00	0	135.698	17.6	4259.1
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1/1/2016	10:15:00	0	135.71	17.6	4294.7
1/1/2016	10:30:00	0	135.705	17.6	4285.5
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1/1/2016	11:00:00	0	135.713	17.6	4322.2
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1/1/2016	12:00:00	0	135.735	17.6	4386.5
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1/1/2016	12:30:00	0	135.685	17.6	4417.5
1/1/2016	12:45:00	0	135.729	17.6	4431.3
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1/1/2016	13:15:00	0	135.719	17.6	4443.9
1/1/2016	13:30:00	0	135.664	17.6	4456.5
1/1/2016	13:45:00	0	135.705	17.6	4457.7
1/1/2016	14:00:00	0	135.67	17.6	4470.3
1/1/2016	14:15:00	0	135.709	17.6	4480.6
1/1/2016	14:30:00	0	135.689	17.6	4474.9
1/1/2016	14:45:00	0	135.746	17.6	4482.9
1/1/2016	15:00:00	0	135.691	17.6	4494.4
1/1/2016	15:15:00	0	135.671	17.6	4477.2
1/1/2016	15:30:00	0	135.711	17.6	4474.9
1/1/2016	15:45:00	0	135.733	17.6	4481.8
1/1/2016	16:00:00	0	135.695	17.6	4479.5
1/1/2016	16:15:00	0	135.716	17.6	4476.1
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1/1/2016	17:00:00	0	135.681	17.6	4458.8
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1/1/2016	17:30:00	0	135.725	17.6	4448.5
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1/1/2016	20:00:00	0	135.692	17.6	4448.5
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1/1/2016	22:00:00	0	135.682	17.6	4564.4
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1/1/2016	22:45:00	0	135.657	17.6	4613.8
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1/2/2016	0:00:00	0	135.647	17.6	4680.4
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1/2/2016	3:00:00	0	135.709	17.6	4678.1
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1/2/2016	4:30:00	0	135.75	17.6	4565.6
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1/2/2016	12:30:00	0	135.826	17.6	4254.5
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1/2/2016	23:45:00	0	135.717	17.6	4553
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1/4/2016	7:00:00	0	135.997	17.5	3913.4
1/4/2016	7:15:00	0	135.983	17.5	3864
1/4/2016	7:30:00	0	135.994	17.5	3811.1
1/4/2016	7:45:00	0	135.984	17.5	3749
1/4/2016	8:00:00	0	135.986	17.5	3703
1/4/2016	8:15:00	0	136.011	17.5	3651.3
1/4/2016	8:30:00	0	136.026	17.6	3590.9
1/4/2016	8:45:00	0	135.982	17.6	3557.7
1/4/2016	9:00:00	0	136.019	17.5	3535.1
1/4/2016	9:15:00	0	135.995	17.5	3506.4
1/4/2016	9:30:00	0	136.025	17.5	3448.9
1/4/2016	9:45:00	0	135.997	17.6	3380.9
1/4/2016	10:00:00	0	136.005	17.5	3325.8
1/4/2016	10:15:00	0	136.039	17.5	3313.1
1/4/2016	10:30:00	0	136.007	17.5	3297.1
1/4/2016	10:45:00	0	136.028	17.5	3293.6
1/4/2016	11:00:00	0	136.013	17.5	3297.1
1/4/2016	11:15:00	0	135.98	17.5	3326.9
1/4/2016	11:30:00	0	135.978	17.5	3368.4
1/4/2016	11:45:00	0	136.002	17.5	3440.8
1/4/2016	12:00:00	0	135.99	17.6	3483
1/4/2016	12:15:00	0	135.994	17.5	3515.6
1/4/2016	12:30:00	0	135.98	17.5	3562.7
1/4/2016	12:45:00	0	135.984	17.5	3615.6
1/4/2016	13:00:00	0	135.993	17.5	3670.8
1/4/2016	13:15:00	0	135.978	17.5	3699.6
1/4/2016	13:30:00	0	135.983	17.5	3772
1/4/2016	13:45:00	0	136.006	17.5	3832.9
1/4/2016	14:00:00	0	135.989	17.6	3917
1/4/2016	14:15:00	0	135.973	17.5	3964.1
1/4/2016	14:30:00	0	135.954	17.6	4015.7
1/4/2016	14:45:00	0	135.952	17.6	4069.7
1/4/2016	15:00:00	0	135.958	17.6	4129.4
1/4/2016	15:15:00	0	135.975	17.6	4173
1/4/2016	15:30:00	0	135.961	17.6	4225.8
1/4/2016	15:45:00	0	135.943	17.6	4257.9
1/4/2016	16:00:00	0	135.944	17.6	4290.1
1/4/2016	16:15:00	0	135.927	17.5	4339
1/4/2016	16:30:00	0	135.944	17.6	4355.5
1/4/2016	16:45:00	0	135.958	17.6	4384.2
1/4/2016	17:00:00	0	135.974	17.6	4396.8
1/4/2016	17:15:00	0	135.951	17.6	4411.8

1/4/2016	17:30:00	0	135.936	17.6	4437
1/4/2016	17:45:00	0	135.951	17.6	4419.8
1/4/2016	18:00:00	0	135.952	17.6	4446.2
1/4/2016	18:15:00	0	135.918	17.6	4440.5
1/4/2016	18:30:00	0	135.937	17.6	4440.5
1/4/2016	18:45:00	0	135.961	17.6	4435.9
1/4/2016	19:00:00	0	135.934	17.6	4419.8
1/4/2016	19:15:00	0	135.977	17.6	4414.1
1/4/2016	19:30:00	0	135.958	17.6	4396.8
1/4/2016	19:45:00	0	135.949	17.6	4380.8
1/4/2016	20:00:00	0	135.957	17.6	4375
1/4/2016	20:15:00	0	135.935	17.6	4370.4
1/4/2016	20:30:00	0	135.951	17.5	4351.6
1/4/2016	20:45:00	0	135.953	17.6	4329.1
1/4/2016	21:00:00	0	135.937	17.5	4326.3
1/4/2016	21:15:00	0	136.002	17.6	4297
1/4/2016	21:30:00	0	135.924	17.6	4284.3
1/4/2016	21:45:00	0	135.971	17.6	4240.7
1/4/2016	22:00:00	0	135.937	17.5	4253.9
1/4/2016	22:15:00	0	135.982	17.6	4218.9
1/4/2016	22:30:00	0	135.999	17.6	4207.4
1/4/2016	22:45:00	0	135.985	17.6	4195.9
1/4/2016	23:00:00	0	135.967	17.6	4205.1
1/4/2016	23:15:00	0	135.951	17.5	4184.9
1/4/2016	23:30:00	0	135.974	17.6	4173
1/4/2016	23:45:00	0	135.961	17.6	4162.6
1/5/2016	0:00:00	0	135.966	17.5	4172.2
1/5/2016	0:15:00	0	135.973	17.6	4173
1/5/2016	0:30:00	0	136.015	17.6	4170.7
1/5/2016	0:45:00	0	136.015	17.5	4171
1/5/2016	1:00:00	0	136.001	17.6	4160.4
1/5/2016	1:15:00	0	136.026	17.6	4175.3
1/5/2016	1:30:00	0	136.016	17.5	4186
1/5/2016	1:45:00	0	136.002	17.6	4179.9
1/5/2016	2:00:00	0	136.038	17.5	4184.9
1/5/2016	2:15:00	0	135.979	17.6	4171.8
1/5/2016	2:30:00	0	136	17.6	4175.3
1/5/2016	2:45:00	0	136.009	17.6	4171.8
1/5/2016	3:00:00	0	136.02	17.6	4171.8
1/5/2016	3:15:00	0	136.064	17.6	4166.1
1/5/2016	3:30:00	0	136.013	17.6	4163.8
1/5/2016	3:45:00	0	136.026	17.6	4147.7
1/5/2016	4:00:00	0	136.068	17.5	4146.9
1/5/2016	4:15:00	0	136.075	17.6	4113.3
1/5/2016	4:30:00	0	136.042	17.5	4113.5
1/5/2016	4:45:00	0	136.087	17.6	4093.8
1/5/2016	5:00:00	0	136.076	17.5	4079.1

1/5/2016	5:15:00	0	136.104	17.6	4047.8
1/5/2016	5:30:00	0	136.121	17.5	4013.5
1/5/2016	5:45:00	0	136.123	17.6	3965.2
1/5/2016	6:00:00	0	136.147	17.6	3920.4
1/5/2016	6:15:00	0	136.15	17.5	3875.5
1/5/2016	6:30:00	0	136.151	17.5	3819.1
1/5/2016	6:45:00	0	136.147	17.5	3763.9
1/5/2016	7:00:00	0	136.174	17.5	3669.6
1/5/2016	7:15:00	0	136.195	17.6	3626.5
1/5/2016	7:30:00	0	136.208	17.5	3577.6
1/5/2016	7:45:00	0	136.192	17.6	3501.4
1/5/2016	8:00:00	0	136.21	17.5	3363.8
1/5/2016	8:15:00	0	136.202	17.5	3286.7
1/5/2016	8:30:00	0	136.199	17.5	3236.1
1/5/2016	8:45:00	0	136.21	17.5	3192.4
1/5/2016	9:00:00	0	136.258	17.5	3162.5
1/5/2016	9:15:00	0	136.211	17.5	3140.6
1/5/2016	9:30:00	0	136.209	17.6	3129.4
1/5/2016	9:45:00	0	136.239	17.5	3106.1
1/5/2016	10:00:00	0	136.225	17.5	3080.9
1/5/2016	10:15:00	0	136.191	17.5	3075.1
1/5/2016	10:30:00	0	136.204	17.5	3073.9
1/5/2016	10:45:00	0	136.18	17.5	3073.9
1/5/2016	11:00:00	0	136.202	17.5	3073.9
1/5/2016	11:15:00	0	136.242	17.5	3075.1
1/5/2016	11:30:00	0	136.239	17.5	3071.6
1/5/2016	11:45:00	0	136.24	17.5	3073.9
1/5/2016	12:00:00	0	136.195	17.5	3078.6
1/5/2016	12:15:00	0	136.193	17.5	3085.4
1/5/2016	12:30:00	0	136.252	17.6	3101.9
1/5/2016	12:45:00	0	136.184	17.6	3129.4
1/5/2016	13:00:00	0	136.199	17.5	3155.6
1/5/2016	13:15:00	0	136.216	17.5	3192.4
1/5/2016	13:30:00	0	136.191	17.5	3237.3
1/5/2016	13:45:00	0	136.172	17.5	3287.9
1/5/2016	14:00:00	0	136.166	17.6	3382
1/5/2016	14:15:00	0	136.173	17.5	3523.6
1/5/2016	14:30:00	0	136.15	17.5	3611
1/5/2016	14:45:00	0	136.125	17.5	3697.3
1/5/2016	15:00:00	0	136.163	17.5	3780.1
1/5/2016	15:15:00	0	136.138	17.5	3858.3
1/5/2016	15:30:00	0	136.135	17.5	3931.9
1/5/2016	15:45:00	0	136.154	17.5	4021.6
1/5/2016	16:00:00	0	136.111	17.5	4098.6
1/5/2016	16:15:00	0	136.123	17.6	4139.7
1/5/2016	16:30:00	0	136.12	17.6	4194.8
1/5/2016	16:45:00	0	136.114	17.6	4240.7

1/5/2016	17:00:00	0	136.128	17.6	4291.2
1/5/2016	17:15:00	0	136.084	17.5	4316
1/5/2016	17:30:00	0	136.07	17.6	4359
1/5/2016	17:45:00	0	136.089	17.6	4376.2
1/5/2016	18:00:00	0	136.085	17.6	4388.8
1/5/2016	18:15:00	0	136.084	17.6	4404.9
1/5/2016	18:30:00	0	136.098	17.6	4407.2
1/5/2016	18:45:00	0	136.116	17.6	4407.2
1/5/2016	19:00:00	0	136.075	17.6	4432.4
1/5/2016	19:15:00	0	136.091	17.6	4417.5
1/5/2016	19:30:00	0	136.069	17.6	4412.9
1/5/2016	19:45:00	0	136.104	17.6	4394.5
1/5/2016	20:00:00	0	136.098	17.5	4406.8
1/5/2016	20:15:00	0	136.093	17.6	4383.1
1/5/2016	20:30:00	0	136.089	17.5	4365.4
1/5/2016	20:45:00	0	136.107	17.6	4355.5
1/5/2016	21:00:00	0	136.127	17.5	4333.2
1/5/2016	21:15:00	0	136.08	17.5	4304.5
1/5/2016	21:30:00	0	136.057	17.6	4275.2
1/5/2016	21:45:00	0	136.076	17.6	4253.3
1/5/2016	22:00:00	0	136.116	17.6	4222.3
1/5/2016	22:15:00	0	136.072	17.6	4210.9
1/5/2016	22:30:00	0	136.1	17.6	4194.8
1/5/2016	22:45:00	0	136.114	17.6	4166.1
1/5/2016	23:00:00	0	136.138	17.5	4164.1
1/5/2016	23:15:00	0	136.1	17.6	4123.6
1/5/2016	23:30:00	0	136.142	17.6	4108.7
1/5/2016	23:45:00	0	136.113	17.6	4083.4
1/6/2016	0:00:00	0	136.138	17.6	4068.5
1/6/2016	0:15:00	0	136.104	17.6	4051.3
1/6/2016	0:30:00	0	136.144	17.5	4054.9
1/6/2016	0:45:00	0	136.11	17.6	4029.5
1/6/2016	1:00:00	0	136.118	17.6	4028.3
1/6/2016	1:15:00	0	136.129	17.6	4035.2
1/6/2016	1:30:00	0	136.13	17.5	4026.1
1/6/2016	1:45:00	0	136.137	17.6	4006.5
1/6/2016	2:00:00	0	136.159	17.6	3989.3
1/6/2016	2:15:00	0	136.169	17.6	4012.3
1/6/2016	2:30:00	0	136.134	17.5	4008.9
1/6/2016	2:45:00	0	136.181	17.5	4010.1
1/6/2016	3:00:00	0	136.153	17.5	4019.3
1/6/2016	3:15:00	0	136.187	17.6	4000.8
1/6/2016	3:30:00	0	136.212	17.5	3998.6
1/6/2016	3:45:00	0	136.228	17.5	3991.6
1/6/2016	4:00:00	0	136.192	17.6	3979
1/6/2016	4:15:00	0	136.167	17.6	3974.4
1/6/2016	4:30:00	0	136.269	17.5	3976.7

1/6/2016	4:45:00	0	136.249	17.6	3957.2
1/6/2016	5:00:00	0	136.206	17.6	3939.9
1/6/2016	5:15:00	0	136.246	17.5	3912.3
1/6/2016	5:30:00	0	136.275	17.5	3896.2
1/6/2016	5:45:00	0	136.268	17.6	3861.9
1/6/2016	6:00:00	0	136.286	17.5	3835.3
1/6/2016	6:15:00	0	136.307	17.5	3758.2
1/6/2016	6:30:00	0	136.315	17.5	3722.6
1/6/2016	6:45:00	0	136.344	17.5	3675.4
1/6/2016	7:00:00	0	136.31	17.5	3596.1
1/6/2016	7:15:00	0	136.333	17.6	3557.7
1/6/2016	7:30:00	0	136.347	17.5	3439.6
1/6/2016	7:45:00	0	136.321	17.5	3354.6
1/6/2016	8:00:00	0	136.341	17.5	3285.6
1/6/2016	8:15:00	0	136.326	17.5	3237.3
1/6/2016	8:30:00	0	136.346	17.5	3223.4
1/6/2016	8:45:00	0	136.33	17.5	3183.2
1/6/2016	9:00:00	0	136.323	17.5	3156.8
1/6/2016	9:15:00	0	136.352	17.5	3106.1
1/6/2016	9:30:00	0	136.363	17.5	3082
1/6/2016	9:45:00	0	136.375	17.5	3073.9
1/6/2016	10:00:00	0	136.366	17.5	3068.2
1/6/2016	10:15:00	0	136.387	17.6	3060.6
1/6/2016	10:30:00	0	136.387	17.5	3064.8
1/6/2016	10:45:00	0	136.336	17.5	3060.1
1/6/2016	11:00:00	0	136.385	17.5	3059
1/6/2016	11:15:00	0	136.402	17.5	3056.7
1/6/2016	11:30:00	0	136.365	17.5	3054.4
1/6/2016	11:45:00	0	136.385	17.5	3054.4
1/6/2016	12:00:00	0	136.374	17.5	3053.3
1/6/2016	12:15:00	0	136.34	17.5	3053.3
1/6/2016	12:30:00	0	136.364	17.5	3056.7
1/6/2016	12:45:00	0	136.367	17.5	3059
1/6/2016	13:00:00	0	136.332	17.5	3065.9
1/6/2016	13:15:00	0	136.372	17.5	3072.8
1/6/2016	13:30:00	0	136.375	17.5	3075.1
1/6/2016	13:45:00	0	136.405	17.5	3078.6
1/6/2016	14:00:00	0	136.371	17.5	3110.8
1/6/2016	14:15:00	0	136.376	17.6	3149
1/6/2016	14:30:00	0	136.321	17.5	3206.2
1/6/2016	14:45:00	0	136.357	17.5	3255.6
1/6/2016	15:00:00	0	136.331	17.5	3330.4
1/6/2016	15:15:00	0	136.294	17.5	3466.1
1/6/2016	15:30:00	0	136.253	17.5	3619.1
1/6/2016	15:45:00	0	136.308	17.5	3715.6
1/6/2016	16:00:00	0	136.29	17.5	3783.5
1/6/2016	16:15:00	0	136.286	17.5	3867.4

1/6/2016	16:30:00	0	136.281	17.5	3937.6
1/6/2016	16:45:00	0	136.305	17.5	4008.9
1/6/2016	17:00:00	0	136.302	17.6	4075.4
1/6/2016	17:15:00	0	136.243	17.6	4133.9
1/6/2016	17:30:00	0	136.248	17.6	4205.1
1/6/2016	17:45:00	0	136.265	17.5	4255
1/6/2016	18:00:00	0	136.263	17.6	4308.4
1/6/2016	18:15:00	0	136.28	17.6	4355.5
1/6/2016	18:30:00	0	136.216	17.6	4395.7
1/6/2016	18:45:00	0	136.236	17.6	4406
1/6/2016	19:00:00	0	136.232	17.6	4422.1
1/6/2016	19:15:00	0	136.267	17.6	4427.8
1/6/2016	19:30:00	0	136.261	17.5	4432.1
1/6/2016	19:45:00	0	136.24	17.6	4425.5
1/6/2016	20:00:00	0	136.219	17.6	4419.8
1/6/2016	20:15:00	0	136.223	17.6	4412.9
1/6/2016	20:30:00	0	136.213	17.6	4383.1
1/6/2016	20:45:00	0	136.242	17.6	4364.7
1/6/2016	21:00:00	0	136.262	17.6	4355.5
1/6/2016	21:15:00	0	136.261	17.6	4347.5
1/6/2016	21:30:00	0	136.259	17.6	4325.7
1/6/2016	21:45:00	0	136.237	17.6	4288.9
1/6/2016	22:00:00	0	136.251	17.6	4262.5
1/6/2016	22:15:00	0	136.264	17.5	4233.1
1/6/2016	22:30:00	0	136.241	17.6	4187.9
1/6/2016	22:45:00	0	136.278	17.6	4170.7
1/6/2016	23:00:00	0	136.287	17.5	4142.3
1/6/2016	23:15:00	0	136.252	17.5	4128.5
1/6/2016	23:30:00	0	136.271	17.6	4082.3
1/6/2016	23:45:00	0	136.254	17.5	4061.8

Report Date: 1/11/2016 11:32:08 AM
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_2016-01-07_09-38-59-614-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
11/28/2015 4:09:52 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM	Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM	Device Taken Offline
11/28/2015 4:13:26 PM	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: KMaker
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: KMaker Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMaker Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/11/2016 11:27:40 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 670

Sensors: 2

1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Standard Time

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
12/31/2015 12:00:00 AM	2674800.000	11.264	17.558	25.675
1861.419	2169.828	1.475	1.121	537.225
1.000	14.831			
12/31/2015 12:15:00 AM	2675700.000	11.266	17.559	25.679

1861.417	2169.813	1.475	1.121	537.225
1.000	14.830			
12/31/2015 12:30:00 AM	2676600.000	11.272	17.558	25.692
1861.978	2170.475	1.476	1.121	537.063
1.000	14.822			
12/31/2015 12:45:00 AM	2677500.000	11.270	17.558	25.688
1859.082	2167.108	1.474	1.120	537.900
1.000	14.823			
12/31/2015 1:00:00 AM	2678400.000	11.271	17.559	25.691
1857.722	2165.501	1.473	1.119	538.294
1.000	14.821			
12/31/2015 1:15:00 AM	2679300.000	11.264	17.558	25.675
1857.362	2165.103	1.472	1.118	538.398
1.000	14.830			
12/31/2015 1:30:00 AM	2680200.000	11.268	17.558	25.683
1859.171	2167.216	1.474	1.120	537.874
1.000	14.825			
12/31/2015 1:45:00 AM	2681100.000	11.263	17.558	25.672
1860.698	2169.008	1.475	1.121	537.433
1.000	14.829			
12/31/2015 2:00:00 AM	2682000.000	11.265	17.558	25.676
1860.455	2168.717	1.475	1.120	537.503
1.000	14.826			
12/31/2015 2:15:00 AM	2682900.000	11.266	17.558	25.680
1860.526	2168.791	1.475	1.120	537.482
1.000	14.826			
12/31/2015 2:30:00 AM	2683800.000	11.264	17.558	25.675
1859.445	2167.523	1.474	1.120	537.795
1.000	14.829			
12/31/2015 2:45:00 AM	2684700.000	11.257	17.558	25.658
1860.899	2169.242	1.475	1.121	537.375
1.000	14.835			
12/31/2015 3:00:00 AM	2685600.000	11.265	17.558	25.676
1857.758	2165.590	1.473	1.119	538.283
1.000	14.828			
12/31/2015 3:15:00 AM	2686500.000	11.267	17.558	25.680
1858.868	2166.855	1.473	1.119	537.962
1.000	14.827			
12/31/2015 3:30:00 AM	2687400.000	11.265	17.558	25.677
1859.570	2167.689	1.474	1.120	537.759
1.000	14.829			
12/31/2015 3:45:00 AM	2688300.000	11.262	17.558	25.669
1857.788	2165.620	1.473	1.119	538.275
1.000	14.833			
12/31/2015 4:00:00 AM	2689200.000	11.267	17.558	25.682
1856.564	2164.177	1.472	1.118	538.629
1.000	14.825			
12/31/2015 4:15:00 AM	2690100.000	11.266	17.558	25.679
1856.241	2163.787	1.471	1.118	538.723
1.000	14.826			
12/31/2015 4:30:00 AM	2691000.000	11.268	17.558	25.684
1856.531	2164.135	1.472	1.118	538.639
1.000	14.823			
12/31/2015 4:45:00 AM	2691900.000	11.267	17.559	25.682
1853.598	2160.694	1.469	1.116	539.491

1.000	14.826				
12/31/2015 5:00:00 AM	2692800.000	11.268	17.558	25.684	
1855.248	2162.638	1.471	1.117	539.012	
1.000	14.823				
12/31/2015 5:15:00 AM	2693700.000	11.261	17.558	25.668	
1856.193	2163.745	1.471	1.118	538.737	
1.000	14.830				
12/31/2015 5:30:00 AM	2694600.000	11.261	17.558	25.667	
1855.449	2162.873	1.471	1.117	538.953	
1.000	14.829				
12/31/2015 5:45:00 AM	2695500.000	11.267	17.558	25.680	
1854.991	2162.330	1.470	1.117	539.086	
1.000	14.825				
12/31/2015 6:00:00 AM	2696400.000	11.265	17.558	25.676	
1856.752	2164.388	1.472	1.118	538.575	
1.000	14.827				
12/31/2015 6:15:00 AM	2697300.000	11.270	17.558	25.687	
1857.965	2165.802	1.473	1.119	538.223	
1.000	14.821				
12/31/2015 6:30:00 AM	2698200.000	11.262	17.558	25.670	
1859.527	2167.630	1.474	1.120	537.771	
1.000	14.828				
12/31/2015 6:45:00 AM	2699100.000	11.266	17.558	25.679	
1857.539	2165.301	1.472	1.119	538.347	
1.000	14.825				
12/31/2015 7:00:00 AM	2700000.000	11.271	17.558	25.691	
1858.520	2166.461	1.473	1.119	538.063	
1.000	14.820				
12/31/2015 7:15:00 AM	2700900.000	11.257	17.559	25.659	
1857.143	2164.835	1.472	1.118	538.462	
1.000	14.834				
12/31/2015 7:30:00 AM	2701800.000	11.263	17.558	25.673	
1858.655	2166.602	1.473	1.119	538.023	
1.000	14.829				
12/31/2015 7:45:00 AM	2702700.000	11.267	17.558	25.680	
1859.009	2167.014	1.474	1.119	537.921	
1.000	14.825				
12/31/2015 8:00:00 AM	2703600.000	11.263	17.558	25.673	
1858.292	2166.187	1.473	1.119	538.129	
1.000	14.828				
12/31/2015 8:15:00 AM	2704500.000	11.269	17.559	25.686	
1860.314	2168.532	1.475	1.120	537.544	
1.000	14.827				
12/31/2015 8:30:00 AM	2705400.000	11.271	17.558	25.690	
1859.772	2167.916	1.474	1.120	537.700	
1.000	14.823				
12/31/2015 8:45:00 AM	2706300.000	11.262	17.558	25.668	
1856.693	2164.323	1.472	1.118	538.592	
1.000	14.831				
12/31/2015 9:00:00 AM	2707200.000	11.255	17.559	25.655	
1857.726	2165.510	1.473	1.119	538.293	
1.000	14.838				
12/31/2015 9:15:00 AM	2708100.000	11.263	17.558	25.672	
1857.327	2165.075	1.472	1.118	538.408	
1.000	14.832				

12/31/2015 9:30:00 AM	2709000.000	11.264	17.558	25.673
1856.290	2163.845	1.471	1.118	538.709
1.000	14.833			
12/31/2015 9:45:00 AM	2709900.000	11.259	17.558	25.663
1855.575	2163.019	1.471	1.117	538.917
1.000	14.838			
12/31/2015 10:00:00 AM	0.000	11.254	17.559	25.652
1855.571	2162.998	1.471	1.117	538.918
1.000	14.845			
12/31/2015 10:15:00 AM	900.000	11.260	17.558	25.665
1855.010	2162.382	1.470	1.117	539.081
1.000	14.840			
12/31/2015 10:30:00 AM	1800.000	11.256	17.558	25.655
1858.991	2166.993	1.474	1.119	537.926
1.000	14.844			
12/31/2015 10:45:00 AM	2700.000	11.266	17.558	25.678
1857.714	2165.530	1.473	1.119	538.296
1.000	14.834			
12/31/2015 11:00:00 AM	3600.000	11.268	17.559	25.683
1856.595	2164.191	1.472	1.118	538.621
1.000	14.832			
12/31/2015 11:15:00 AM	4500.000	11.266	17.558	25.679
1855.711	2163.204	1.471	1.117	538.877
1.000	14.833			
12/31/2015 11:30:00 AM	5400.000	11.272	17.558	25.692
1856.372	2163.953	1.471	1.118	538.685
1.000	14.827			
12/31/2015 11:45:00 AM	6300.000	11.268	17.559	25.682
1856.199	2163.726	1.471	1.118	538.735
1.000	14.829			
12/31/2015 12:00:00 PM	7200.000	11.276	17.559	25.701
1859.245	2167.286	1.474	1.120	537.853
1.000	14.820			
12/31/2015 12:15:00 PM	8100.000	11.281	17.559	25.713
1858.459	2166.365	1.473	1.119	538.080
1.000	14.812			
12/31/2015 12:30:00 PM	9000.000	11.282	17.558	25.716
1858.630	2166.581	1.473	1.119	538.031
1.000	14.810			
12/31/2015 12:45:00 PM	9900.000	11.281	17.558	25.712
1859.565	2167.662	1.474	1.120	537.760
1.000	14.807			
12/31/2015 1:00:00 PM	10800.000	11.288	17.559	25.730
1859.238	2167.272	1.474	1.120	537.855
1.000	14.799			
12/31/2015 1:15:00 PM	11700.000	11.278	17.558	25.706
1859.314	2167.369	1.474	1.120	537.833
1.000	14.804			
12/31/2015 1:30:00 PM	12600.000	11.280	17.558	25.710
1860.330	2168.575	1.475	1.120	537.539
1.000	14.799			
12/31/2015 1:45:00 PM	13500.000	11.283	17.558	25.718
1858.801	2166.797	1.473	1.119	537.981
1.000	14.793			
12/31/2015 2:00:00 PM	14400.000	11.278	17.558	25.707

1858.490	2166.422	1.473	1.119	538.071
1.000	14.794			
12/31/2015 2:15:00 PM	15300.000	11.282	17.558	25.715
1862.298	2170.856	1.476	1.122	536.971
1.000	14.789			
12/31/2015 2:30:00 PM	16200.000	11.283	17.559	25.718
1863.428	2172.162	1.477	1.122	536.645
1.000	14.786			
12/31/2015 2:45:00 PM	17100.000	11.278	17.559	25.707
1861.618	2170.047	1.476	1.121	537.167
1.000	14.787			
12/31/2015 3:00:00 PM	18000.000	11.278	17.558	25.705
1859.944	2168.134	1.474	1.120	537.651
1.000	14.785			
12/31/2015 3:15:00 PM	18900.000	11.275	17.558	25.700
1859.578	2167.711	1.474	1.120	537.757
1.000	14.787			
12/31/2015 3:30:00 PM	19800.000	11.275	17.558	25.698
1861.084	2169.433	1.475	1.121	537.321
1.000	14.785			
12/31/2015 3:45:00 PM	20700.000	11.270	17.558	25.687
1862.776	2171.410	1.477	1.122	536.833
1.000	14.788			
12/31/2015 4:00:00 PM	21600.000	11.279	17.558	25.708
1864.497	2173.428	1.478	1.123	536.338
1.000	14.776			
12/31/2015 4:15:00 PM	22500.000	11.271	17.558	25.690
1861.752	2170.217	1.476	1.121	537.128
1.000	14.785			
12/31/2015 4:30:00 PM	23400.000	11.273	17.559	25.695
1861.839	2170.310	1.476	1.121	537.103
1.000	14.781			
12/31/2015 4:45:00 PM	24300.000	11.269	17.558	25.686
1860.663	2168.947	1.475	1.121	537.443
1.000	14.785			
12/31/2015 5:00:00 PM	25200.000	11.268	17.559	25.683
1859.698	2167.797	1.474	1.120	537.722
1.000	14.786			
12/31/2015 5:15:00 PM	26100.000	11.270	17.558	25.687
1859.691	2167.817	1.474	1.120	537.724
1.000	14.783			
12/31/2015 5:30:00 PM	27000.000	11.270	17.559	25.687
1858.989	2166.987	1.474	1.119	537.927
1.000	14.785			
12/31/2015 5:45:00 PM	27900.000	11.263	17.559	25.673
1859.965	2168.125	1.474	1.120	537.644
1.000	14.791			
12/31/2015 6:00:00 PM	28800.000	11.264	17.559	25.674
1860.502	2168.742	1.475	1.120	537.489
1.000	14.792			
12/31/2015 6:15:00 PM	29700.000	11.263	17.558	25.672
1860.766	2169.075	1.475	1.121	537.413
1.000	14.792			
12/31/2015 6:30:00 PM	30600.000	11.267	17.558	25.680
1858.728	2166.704	1.473	1.119	538.002

1.000	14.789			
12/31/2015 6:45:00 PM	31500.000	11.271	17.559	25.690
1858.995	2166.990	1.474	1.119	537.925
1.000	14.785			
12/31/2015 7:00:00 PM	32400.000	11.262	17.559	25.670
1858.904	2166.888	1.473	1.119	537.951
1.000	14.794			
12/31/2015 7:15:00 PM	33300.000	11.265	17.558	25.676
1859.084	2167.118	1.474	1.120	537.899
1.000	14.792			
12/31/2015 7:30:00 PM	34200.000	11.263	17.559	25.672
1858.188	2166.053	1.473	1.119	538.159
1.000	14.794			
12/31/2015 7:45:00 PM	35100.000	11.266	17.558	25.678
1855.845	2163.335	1.471	1.117	538.838
1.000	14.792			
12/31/2015 8:00:00 PM	36000.000	11.260	17.558	25.665
1857.637	2165.420	1.472	1.119	538.318
1.000	14.799			
12/31/2015 8:15:00 PM	36900.000	11.266	17.559	25.678
1856.623	2164.229	1.472	1.118	538.612
1.000	14.793			
12/31/2015 8:30:00 PM	37800.000	11.266	17.558	25.679
1858.328	2166.237	1.473	1.119	538.118
1.000	14.793			
12/31/2015 8:45:00 PM	38700.000	11.267	17.558	25.680
1857.365	2165.102	1.472	1.118	538.397
1.000	14.794			
12/31/2015 9:00:00 PM	39600.000	11.271	17.558	25.691
1855.689	2163.145	1.471	1.117	538.883
1.000	14.790			
12/31/2015 9:15:00 PM	40500.000	11.269	17.558	25.685
1858.549	2166.500	1.473	1.119	538.054
1.000	14.791			
12/31/2015 9:30:00 PM	41400.000	11.265	17.559	25.676
1857.960	2165.774	1.473	1.119	538.225
1.000	14.794			
12/31/2015 9:45:00 PM	42300.000	11.274	17.559	25.696
1863.531	2172.269	1.477	1.122	536.616
1.000	14.786			
12/31/2015 10:00:00 PM	43200.000	11.266	17.558	25.678
1860.569	2168.833	1.475	1.120	537.470
1.000	14.793			
12/31/2015 10:15:00 PM	44100.000	11.265	17.558	25.676
1859.347	2167.420	1.474	1.120	537.823
1.000	14.793			
12/31/2015 10:30:00 PM	45000.000	11.270	17.558	25.689
1858.114	2166.005	1.473	1.119	538.180
1.000	14.788			
12/31/2015 10:45:00 PM	45900.000	11.271	17.558	25.689
1858.346	2166.242	1.473	1.119	538.113
1.000	14.786			
12/31/2015 11:00:00 PM	46800.000	11.266	17.559	25.679
1857.609	2165.374	1.472	1.119	538.327
1.000	14.791			

12/31/2015 11:15:00 PM	47700.000	11.272	17.558	25.693
1858.345	2166.257	1.473	1.119	538.113
1.000	14.784			
12/31/2015 11:30:00 PM	48600.000	11.272	17.559	25.693
1857.261	2164.973	1.472	1.118	538.427
1.000	14.783			
12/31/2015 11:45:00 PM	49500.000	11.276	17.559	25.701
1857.614	2165.385	1.472	1.119	538.325
1.000	14.780			
1/1/2016 12:00:00 AM	50400.000	11.273	17.559	25.694
1859.545	2167.631	1.474	1.120	537.766
1.000	14.782			
1/1/2016 12:15:00 AM	51300.000	11.277	17.559	25.703
1858.538	2166.452	1.473	1.119	538.057
1.000	14.777			
1/1/2016 12:30:00 AM	52200.000	11.283	17.558	25.716
1858.045	2165.899	1.473	1.119	538.200
1.000	14.773			
1/1/2016 12:45:00 AM	53100.000	11.274	17.558	25.698
1855.859	2163.348	1.471	1.117	538.834
1.000	14.776			
1/1/2016 1:00:00 AM	54000.000	11.275	17.558	25.698
1855.483	2162.905	1.471	1.117	538.943
1.000	14.775			
1/1/2016 1:15:00 AM	54900.000	11.271	17.559	25.691
1858.002	2165.837	1.473	1.119	538.212
1.000	14.778			
1/1/2016 1:30:00 AM	55800.000	11.277	17.558	25.704
1858.035	2165.884	1.473	1.119	538.203
1.000	14.772			
1/1/2016 1:45:00 AM	56700.000	11.273	17.558	25.694
1859.644	2167.754	1.474	1.120	537.737
1.000	14.774			
1/1/2016 2:00:00 AM	57600.000	11.269	17.558	25.686
1858.951	2166.959	1.474	1.119	537.938
1.000	14.778			
1/1/2016 2:15:00 AM	58500.000	11.268	17.559	25.682
1859.909	2168.060	1.474	1.120	537.661
1.000	14.779			
1/1/2016 2:30:00 AM	59400.000	11.265	17.558	25.677
1859.433	2167.534	1.474	1.120	537.798
1.000	14.780			
1/1/2016 2:45:00 AM	60300.000	11.272	17.558	25.693
1860.106	2168.306	1.474	1.120	537.604
1.000	14.774			
1/1/2016 3:00:00 AM	61200.000	11.273	17.559	25.695
1858.882	2166.863	1.473	1.119	537.958
1.000	14.773			
1/1/2016 3:15:00 AM	62100.000	11.270	17.559	25.687
1858.335	2166.225	1.473	1.119	538.116
1.000	14.777			
1/1/2016 3:30:00 AM	63000.000	11.269	17.558	25.685
1860.409	2168.646	1.475	1.120	537.516
1.000	14.777			
1/1/2016 3:45:00 AM	63900.000	11.269	17.558	25.685

1858.071	2165.950	1.473	1.119	538.193
1.000	14.776			
1/1/2016 4:00:00 AM	64800.000	11.271	17.558	25.689
1859.355	2167.426	1.474	1.120	537.821
1.000	14.773			
1/1/2016 4:15:00 AM	65700.000	11.272	17.558	25.693
1859.432	2167.516	1.474	1.120	537.799
1.000	14.773			
1/1/2016 4:30:00 AM	66600.000	11.272	17.558	25.693
1860.012	2168.184	1.474	1.120	537.631
1.000	14.770			
1/1/2016 4:45:00 AM	67500.000	11.275	17.558	25.699
1859.847	2168.000	1.474	1.120	537.679
1.000	14.768			
1/1/2016 5:00:00 AM	68400.000	11.276	17.558	25.703
1859.162	2167.193	1.474	1.120	537.877
1.000	14.766			
1/1/2016 5:15:00 AM	69300.000	11.270	17.559	25.688
1859.492	2167.574	1.474	1.120	537.781
1.000	14.772			
1/1/2016 5:30:00 AM	70200.000	11.265	17.559	25.677
1858.533	2166.456	1.473	1.119	538.059
1.000	14.776			
1/1/2016 5:45:00 AM	71100.000	11.267	17.558	25.681
1856.665	2164.303	1.472	1.118	538.600
1.000	14.774			
1/1/2016 6:00:00 AM	72000.000	11.265	17.559	25.676
1853.917	2161.062	1.470	1.116	539.399
1.000	14.778			
1/1/2016 6:15:00 AM	72900.000	11.272	17.558	25.693
1855.507	2162.958	1.471	1.117	538.936
1.000	14.776			
1/1/2016 6:30:00 AM	73800.000	11.261	17.559	25.668
1858.142	2165.986	1.473	1.119	538.172
1.000	14.783			
1/1/2016 6:45:00 AM	74700.000	11.260	17.559	25.666
1858.797	2166.750	1.473	1.119	537.982
1.000	14.786			
1/1/2016 7:00:00 AM	75600.000	11.265	17.558	25.676
1857.115	2164.811	1.472	1.118	538.470
1.000	14.781			
1/1/2016 7:15:00 AM	76500.000	11.264	17.558	25.675
1857.466	2165.224	1.472	1.119	538.368
1.000	14.783			
1/1/2016 7:30:00 AM	77400.000	11.255	17.558	25.653
1857.656	2165.453	1.473	1.119	538.313
1.000	14.794			
1/1/2016 7:45:00 AM	78300.000	11.269	17.558	25.685
1858.467	2166.399	1.473	1.119	538.078
1.000	14.782			
1/1/2016 8:00:00 AM	79200.000	11.263	17.559	25.673
1858.547	2166.467	1.473	1.119	538.055
1.000	14.787			
1/1/2016 8:15:00 AM	80100.000	11.262	17.559	25.669
1859.569	2167.659	1.474	1.120	537.759

1.000	14.789			
1/1/2016 8:30:00 AM	81000.000	11.261	17.559	25.668
1857.641	2165.411	1.472	1.119	538.317
1.000	14.792			
1/1/2016 8:45:00 AM	81900.000	11.257	17.558	25.658
1856.425	2164.015	1.472	1.118	538.670
1.000	14.798			
1/1/2016 9:00:00 AM	82800.000	11.260	17.558	25.664
1858.161	2166.034	1.473	1.119	538.167
1.000	14.796			
1/1/2016 9:15:00 AM	83700.000	11.264	17.558	25.673
1857.363	2165.104	1.472	1.118	538.398
1.000	14.795			
1/1/2016 9:30:00 AM	84600.000	11.264	17.558	25.674
1855.740	2163.216	1.471	1.117	538.869
1.000	14.796			
1/1/2016 9:45:00 AM	85500.000	11.260	17.558	25.665
1854.467	2161.725	1.470	1.117	539.238
1.000	14.800			
1/1/2016 10:00:00 AM	86400.000	11.258	17.558	25.661
1854.575	2161.845	1.470	1.117	539.207
1.000	14.802			
1/1/2016 10:15:00 AM	87300.000	11.265	17.558	25.675
1856.064	2163.603	1.471	1.118	538.775
1.000	14.799			
1/1/2016 10:30:00 AM	88200.000	11.257	17.558	25.658
1858.747	2166.722	1.473	1.119	537.997
1.000	14.807			
1/1/2016 10:45:00 AM	89100.000	11.267	17.558	25.681
1857.870	2165.703	1.473	1.119	538.251
1.000	14.798			
1/1/2016 11:00:00 AM	90000.000	11.269	17.558	25.686
1859.584	2167.685	1.474	1.120	537.755
1.000	14.796			
1/1/2016 11:15:00 AM	90900.000	11.274	17.558	25.698
1856.285	2163.848	1.471	1.118	538.710
1.000	14.792			
1/1/2016 11:30:00 AM	91800.000	11.266	17.558	25.678
1857.245	2164.980	1.472	1.118	538.432
1.000	14.800			
1/1/2016 11:45:00 AM	92700.000	11.269	17.559	25.685
1855.845	2163.309	1.471	1.117	538.838
1.000	14.797			
1/1/2016 12:00:00 PM	93600.000	11.274	17.558	25.697
1853.247	2160.297	1.469	1.116	539.594
1.000	14.790			
1/1/2016 12:15:00 PM	94500.000	11.276	17.558	25.702
1858.428	2166.349	1.473	1.119	538.089
1.000	14.786			
1/1/2016 12:30:00 PM	95400.000	11.275	17.558	25.700
1858.429	2166.347	1.473	1.119	538.089
1.000	14.786			
1/1/2016 12:45:00 PM	96300.000	11.281	17.558	25.712
1858.896	2166.888	1.473	1.119	537.954
1.000	14.779			

1/1/2016 1:00:00 PM	97200.000	11.276	17.558	25.702
1859.437	2167.518	1.474	1.120	537.797
1.000	14.782			
1/1/2016 1:15:00 PM	98100.000	11.290	17.559	25.733
1857.944	2165.756	1.473	1.119	538.229
1.000	14.765			
1/1/2016 1:30:00 PM	99000.000	11.279	17.559	25.709
1856.301	2163.854	1.471	1.118	538.706
1.000	14.774			
1/1/2016 1:45:00 PM	99900.000	11.281	17.558	25.713
1854.852	2162.169	1.470	1.117	539.127
1.000	14.772			
1/1/2016 2:00:00 PM	100800.000	11.272	17.559	25.693
1855.314	2162.695	1.471	1.117	538.992
1.000	14.778			
1/1/2016 2:15:00 PM	101700.000	11.275	17.559	25.698
1856.711	2164.301	1.472	1.118	538.587
1.000	14.774			
1/1/2016 2:30:00 PM	102600.000	11.279	17.558	25.708
1859.490	2167.588	1.474	1.120	537.782
1.000	14.769			
1/1/2016 2:45:00 PM	103500.000	11.273	17.558	25.695
1858.512	2166.461	1.473	1.119	538.065
1.000	14.775			
1/1/2016 3:00:00 PM	104400.000	11.270	17.558	25.688
1858.260	2166.157	1.473	1.119	538.138
1.000	14.776			
1/1/2016 3:15:00 PM	105300.000	11.276	17.559	25.701
1859.458	2167.534	1.474	1.120	537.791
1.000	14.771			
1/1/2016 3:30:00 PM	106200.000	11.274	17.558	25.696
1859.213	2167.273	1.474	1.120	537.862
1.000	14.772			
1/1/2016 3:45:00 PM	107100.000	11.274	17.558	25.697
1859.907	2168.078	1.474	1.120	537.661
1.000	14.771			
1/1/2016 4:00:00 PM	108000.000	11.271	17.559	25.690
1858.917	2166.898	1.473	1.119	537.948
1.000	14.774			
1/1/2016 4:15:00 PM	108900.000	11.269	17.558	25.686
1856.556	2164.172	1.472	1.118	538.632
1.000	14.776			
1/1/2016 4:30:00 PM	109800.000	11.267	17.559	25.681
1857.452	2165.191	1.472	1.118	538.372
1.000	14.776			
1/1/2016 4:45:00 PM	110700.000	11.273	17.559	25.694
1859.797	2167.916	1.474	1.120	537.693
1.000	14.772			
1/1/2016 5:00:00 PM	111600.000	11.273	17.558	25.695
1859.501	2167.604	1.474	1.120	537.779
1.000	14.773			
1/1/2016 5:15:00 PM	112500.000	11.276	17.558	25.701
1859.209	2167.260	1.474	1.120	537.863
1.000	14.767			
1/1/2016 5:30:00 PM	113400.000	11.269	17.558	25.687

1858.295	2166.199	1.473	1.119	538.128
1.000	14.768			
1/1/2016 5:45:00 PM	114300.000	11.275	17.558	25.699
1856.986	2164.656	1.472	1.118	538.507
1.000	14.766			
1/1/2016 6:00:00 PM	115200.000	11.268	17.559	25.683
1857.455	2165.186	1.472	1.118	538.371
1.000	14.772			
1/1/2016 6:15:00 PM	116100.000	11.273	17.559	25.694
1858.590	2166.509	1.473	1.119	538.042
1.000	14.767			
1/1/2016 6:30:00 PM	117000.000	11.266	17.559	25.678
1858.933	2166.913	1.474	1.119	537.943
1.000	14.776			
1/1/2016 6:45:00 PM	117900.000	11.269	17.558	25.685
1859.048	2167.082	1.474	1.120	537.910
1.000	14.772			
1/1/2016 7:00:00 PM	118800.000	11.273	17.558	25.694
1858.948	2166.943	1.474	1.119	537.939
1.000	14.771			
1/1/2016 7:15:00 PM	119700.000	11.266	17.558	25.679
1856.419	2164.004	1.472	1.118	538.671
1.000	14.776			
1/1/2016 7:30:00 PM	120600.000	11.266	17.558	25.678
1855.493	2162.921	1.471	1.117	538.940
1.000	14.777			
1/1/2016 7:45:00 PM	121500.000	11.265	17.558	25.676
1856.754	2164.398	1.472	1.118	538.574
1.000	14.776			
1/1/2016 8:00:00 PM	122400.000	11.265	17.559	25.677
1856.693	2164.294	1.472	1.118	538.592
1.000	14.778			
1/1/2016 8:15:00 PM	123300.000	11.266	17.559	25.678
1857.156	2164.842	1.472	1.118	538.458
1.000	14.778			
1/1/2016 8:30:00 PM	124200.000	11.263	17.558	25.673
1859.006	2167.016	1.474	1.119	537.922
1.000	14.780			
1/1/2016 8:45:00 PM	125100.000	11.269	17.559	25.685
1859.062	2167.064	1.474	1.120	537.906
1.000	14.777			
1/1/2016 9:00:00 PM	126000.000	11.267	17.558	25.682
1860.710	2169.013	1.475	1.121	537.429
1.000	14.780			
1/1/2016 9:15:00 PM	126900.000	11.266	17.559	25.679
1859.689	2167.799	1.474	1.120	537.724
1.000	14.782			
1/1/2016 9:30:00 PM	127800.000	11.269	17.558	25.686
1857.862	2165.677	1.473	1.119	538.253
1.000	14.781			
1/1/2016 9:45:00 PM	128700.000	11.260	17.558	25.664
1861.735	2170.192	1.476	1.121	537.133
1.000	14.790			
1/1/2016 10:00:00 PM	129600.000	11.269	17.559	25.687
1858.181	2166.037	1.473	1.119	538.161

1.000	14.782			
1/1/2016 10:15:00 PM	130500.000	11.267	17.558	25.682
1858.507	2166.434	1.473	1.119	538.066
1.000	14.785			
1/1/2016 10:30:00 PM	131400.000	11.273	17.559	25.694
1858.596	2166.507	1.473	1.119	538.041
1.000	14.779			
1/1/2016 10:45:00 PM	132300.000	11.272	17.558	25.693
1857.902	2165.737	1.473	1.119	538.242
1.000	14.781			
1/1/2016 11:00:00 PM	133200.000	11.275	17.559	25.698
1857.454	2165.193	1.472	1.118	538.371
1.000	14.779			
1/1/2016 11:15:00 PM	134100.000	11.270	17.559	25.688
1859.737	2167.855	1.474	1.120	537.710
1.000	14.783			
1/1/2016 11:30:00 PM	135000.000	11.270	17.558	25.687
1861.904	2170.401	1.476	1.121	537.085
1.000	14.784			
1/1/2016 11:45:00 PM	135900.000	11.271	17.559	25.690
1857.159	2164.850	1.472	1.118	538.457
1.000	14.783			
1/2/2016 12:00:00 AM	136800.000	11.272	17.558	25.693
1856.605	2164.216	1.472	1.118	538.618
1.000	14.783			
1/2/2016 12:15:00 AM	137700.000	11.274	17.558	25.696
1854.364	2161.604	1.470	1.117	539.269
1.000	14.780			
1/2/2016 12:30:00 AM	138600.000	11.274	17.558	25.698
1853.632	2160.754	1.469	1.116	539.482
1.000	14.780			
1/2/2016 12:45:00 AM	139500.000	11.283	17.558	25.717
1855.638	2163.097	1.471	1.117	538.898
1.000	14.770			
1/2/2016 1:00:00 AM	140400.000	11.273	17.558	25.695
1858.071	2165.929	1.473	1.119	538.193
1.000	14.779			
1/2/2016 1:15:00 AM	141300.000	11.277	17.558	25.705
1857.120	2164.817	1.472	1.118	538.468
1.000	14.773			
1/2/2016 1:30:00 AM	142200.000	11.274	17.558	25.697
1858.063	2165.912	1.473	1.119	538.195
1.000	14.775			
1/2/2016 1:45:00 AM	143100.000	11.278	17.558	25.706
1858.697	2166.663	1.473	1.119	538.011
1.000	14.770			
1/2/2016 2:00:00 AM	144000.000	11.280	17.558	25.711
1859.260	2167.307	1.474	1.120	537.848
1.000	14.766			
1/2/2016 2:15:00 AM	144900.000	11.273	17.558	25.695
1859.535	2167.658	1.474	1.120	537.769
1.000	14.773			
1/2/2016 2:30:00 AM	145800.000	11.282	17.559	25.714
1858.582	2166.500	1.473	1.119	538.045
1.000	14.763			

1/2/2016 2:45:00 AM	146700.000	11.274	17.559	25.696
1856.985	2164.635	1.472	1.118	538.507
1.000	14.771			
1/2/2016 3:00:00 AM	147600.000	11.274	17.559	25.697
1855.100	2162.445	1.470	1.117	539.054
1.000	14.769			
1/2/2016 3:15:00 AM	148500.000	11.275	17.558	25.699
1858.005	2165.856	1.473	1.119	538.212
1.000	14.769			
1/2/2016 3:30:00 AM	149400.000	11.273	17.559	25.694
1856.664	2164.273	1.472	1.118	538.600
1.000	14.770			
1/2/2016 3:45:00 AM	150300.000	11.282	17.559	25.715
1856.161	2163.678	1.471	1.118	538.746
1.000	14.761			
1/2/2016 4:00:00 AM	151200.000	11.276	17.559	25.702
1857.330	2165.044	1.472	1.118	538.407
1.000	14.766			
1/2/2016 4:15:00 AM	152100.000	11.277	17.558	25.705
1858.253	2166.133	1.473	1.119	538.140
1.000	14.763			
1/2/2016 4:30:00 AM	153000.000	11.278	17.558	25.707
1855.294	2162.700	1.471	1.117	538.998
1.000	14.761			
1/2/2016 4:45:00 AM	153900.000	11.279	17.559	25.708
1855.975	2163.460	1.471	1.118	538.800
1.000	14.760			
1/2/2016 5:00:00 AM	154800.000	11.276	17.558	25.701
1853.642	2160.783	1.469	1.116	539.479
1.000	14.763			
1/2/2016 5:15:00 AM	155700.000	11.276	17.558	25.701
1857.759	2165.582	1.473	1.119	538.283
1.000	14.762			
1/2/2016 5:30:00 AM	156600.000	11.278	17.558	25.705
1858.587	2166.543	1.473	1.119	538.043
1.000	14.761			
1/2/2016 5:45:00 AM	157500.000	11.273	17.559	25.694
1858.461	2166.372	1.473	1.119	538.080
1.000	14.764			
1/2/2016 6:00:00 AM	158400.000	11.273	17.559	25.695
1858.262	2166.127	1.473	1.119	538.137
1.000	14.762			
1/2/2016 6:15:00 AM	159300.000	11.277	17.559	25.704
1857.926	2165.739	1.473	1.119	538.235
1.000	14.758			
1/2/2016 6:30:00 AM	160200.000	11.278	17.558	25.706
1854.997	2162.363	1.470	1.117	539.084
1.000	14.759			
1/2/2016 6:45:00 AM	161100.000	11.271	17.558	25.689
1853.741	2160.886	1.469	1.116	539.450
1.000	14.764			
1/2/2016 7:00:00 AM	162000.000	11.275	17.558	25.699
1855.115	2162.484	1.470	1.117	539.050
1.000	14.758			
1/2/2016 7:15:00 AM	162900.000	11.276	17.559	25.702

1857.158	2164.853	1.472	1.118	538.457
1.000	14.759			
1/2/2016 7:30:00 AM	163800.000	11.280	17.559	25.711
1859.000	2167.001	1.474	1.119	537.923
1.000	14.754			
1/2/2016 7:45:00 AM	164700.000	11.273	17.558	25.695
1861.229	2169.602	1.475	1.121	537.279
1.000	14.761			
1/2/2016 8:00:00 AM	165600.000	11.275	17.559	25.700
1858.711	2166.651	1.473	1.119	538.007
1.000	14.758			
1/2/2016 8:15:00 AM	166500.000	11.271	17.558	25.691
1858.812	2166.797	1.473	1.119	537.978
1.000	14.763			
1/2/2016 8:30:00 AM	167400.000	11.271	17.559	25.690
1859.752	2167.868	1.474	1.120	537.706
1.000	14.763			
1/2/2016 8:45:00 AM	168300.000	11.269	17.558	25.685
1858.606	2166.549	1.473	1.119	538.038
1.000	14.766			
1/2/2016 9:00:00 AM	169200.000	11.271	17.559	25.691
1856.826	2164.445	1.472	1.118	538.553
1.000	14.763			
1/2/2016 9:15:00 AM	170100.000	11.274	17.559	25.698
1859.412	2167.480	1.474	1.120	537.805
1.000	14.760			
1/2/2016 9:30:00 AM	171000.000	11.275	17.559	25.698
1858.667	2166.608	1.473	1.119	538.020
1.000	14.761			
1/2/2016 9:45:00 AM	171900.000	11.278	17.559	25.706
1862.103	2170.608	1.476	1.121	537.027
1.000	14.759			
1/2/2016 10:00:00 AM	172800.000	11.276	17.559	25.701
1860.206	2168.401	1.475	1.120	537.575
1.000	14.760			
1/2/2016 10:15:00 AM	173700.000	11.265	17.559	25.677
1858.803	2166.758	1.473	1.119	537.981
1.000	14.770			
1/2/2016 10:30:00 AM	174600.000	11.268	17.558	25.682
1858.728	2166.692	1.473	1.119	538.002
1.000	14.766			
1/2/2016 10:45:00 AM	175500.000	11.283	17.559	25.717
1858.976	2166.967	1.474	1.119	537.931
1.000	14.753			
1/2/2016 11:00:00 AM	176400.000	11.272	17.558	25.693
1858.956	2166.965	1.474	1.119	537.936
1.000	14.760			
1/2/2016 11:15:00 AM	177300.000	11.277	17.558	25.704
1857.074	2164.781	1.472	1.118	538.481
1.000	14.755			
1/2/2016 11:30:00 AM	178200.000	11.281	17.559	25.713
1858.273	2166.153	1.473	1.119	538.134
1.000	14.750			
1/2/2016 11:45:00 AM	179100.000	11.282	17.558	25.716
1858.992	2167.003	1.474	1.119	537.926

1.000	14.745			
1/2/2016 12:00:00 PM	180000.000	11.283	17.558	25.718
1859.327	2167.397	1.474	1.120	537.829
1.000	14.742			
1/2/2016 12:15:00 PM	180900.000	11.285	17.558	25.722
1856.939	2164.614	1.472	1.118	538.521
1.000	14.738			
1/2/2016 12:30:00 PM	181800.000	11.290	17.558	25.733
1857.377	2165.142	1.472	1.118	538.394
1.000	14.731			
1/2/2016 12:45:00 PM	182700.000	11.295	17.559	25.745
1860.247	2168.441	1.475	1.120	537.563
1.000	14.722			
1/2/2016 1:00:00 PM	183600.000	11.286	17.558	25.724
1858.391	2166.320	1.473	1.119	538.100
1.000	14.729			
1/2/2016 1:15:00 PM	184500.000	11.292	17.559	25.737
1857.142	2164.834	1.472	1.118	538.462
1.000	14.719			
1/2/2016 1:30:00 PM	185400.000	11.293	17.558	25.740
1857.161	2164.877	1.472	1.118	538.456
1.000	14.715			
1/2/2016 1:45:00 PM	186300.000	11.288	17.559	25.729
1857.782	2165.580	1.473	1.119	538.276
1.000	14.718			
1/2/2016 2:00:00 PM	187200.000	11.287	17.559	25.726
1858.655	2166.582	1.473	1.119	538.023
1.000	14.716			
1/2/2016 2:15:00 PM	188100.000	11.283	17.558	25.718
1860.397	2168.644	1.475	1.120	537.520
1.000	14.718			
1/2/2016 2:30:00 PM	189000.000	11.277	17.559	25.703
1859.534	2167.609	1.474	1.120	537.769
1.000	14.723			
1/2/2016 2:45:00 PM	189900.000	11.289	17.559	25.730
1858.270	2166.140	1.473	1.119	538.135
1.000	14.709			
1/2/2016 3:00:00 PM	190800.000	11.289	17.559	25.730
1856.872	2164.511	1.472	1.118	538.540
1.000	14.709			
1/2/2016 3:15:00 PM	191700.000	11.286	17.558	25.725
1856.118	2163.645	1.471	1.118	538.759
1.000	14.709			
1/2/2016 3:30:00 PM	192600.000	11.283	17.558	25.718
1858.424	2166.333	1.473	1.119	538.090
1.000	14.709			
1/2/2016 3:45:00 PM	193500.000	11.279	17.559	25.708
1857.002	2164.654	1.472	1.118	538.503
1.000	14.714			
1/2/2016 4:00:00 PM	194400.000	11.282	17.558	25.715
1858.118	2165.980	1.473	1.119	538.179
1.000	14.709			
1/2/2016 4:15:00 PM	195300.000	11.277	17.558	25.704
1857.409	2165.154	1.472	1.118	538.384
1.000	14.711			

1/2/2016 4:30:00 PM	196200.000	11.286	17.559	25.724
1855.906	2163.380	1.471	1.118	538.820
1.000	14.702			
1/2/2016 4:45:00 PM	197100.000	11.285	17.559	25.722
1861.329	2169.707	1.475	1.121	537.250
1.000	14.701			
1/2/2016 5:00:00 PM	198000.000	11.276	17.559	25.702
1860.633	2168.899	1.475	1.121	537.451
1.000	14.710			
1/2/2016 5:15:00 PM	198900.000	11.282	17.559	25.715
1858.818	2166.771	1.473	1.119	537.976
1.000	14.704			
1/2/2016 5:30:00 PM	199800.000	11.282	17.559	25.714
1858.460	2166.362	1.473	1.119	538.080
1.000	14.704			
1/2/2016 5:45:00 PM	200700.000	11.282	17.559	25.716
1857.989	2165.821	1.473	1.119	538.216
1.000	14.701			
1/2/2016 6:00:00 PM	201600.000	11.282	17.558	25.715
1857.006	2164.688	1.472	1.118	538.501
1.000	14.701			
1/2/2016 6:15:00 PM	202500.000	11.274	17.559	25.698
1857.290	2165.007	1.472	1.118	538.419
1.000	14.707			
1/2/2016 6:30:00 PM	203400.000	11.285	17.559	25.721
1857.511	2165.251	1.472	1.119	538.355
1.000	14.698			
1/2/2016 6:45:00 PM	204300.000	11.280	17.559	25.711
1859.127	2167.144	1.474	1.120	537.887
1.000	14.700			
1/2/2016 7:00:00 PM	205200.000	11.277	17.559	25.704
1856.965	2164.628	1.472	1.118	538.513
1.000	14.702			
1/2/2016 7:15:00 PM	206100.000	11.275	17.559	25.699
1855.383	2162.767	1.471	1.117	538.972
1.000	14.704			
1/2/2016 7:30:00 PM	207000.000	11.275	17.559	25.699
1854.042	2161.212	1.470	1.116	539.362
1.000	14.705			
1/2/2016 7:45:00 PM	207900.000	11.273	17.558	25.694
1856.076	2163.595	1.471	1.118	538.771
1.000	14.707			
1/2/2016 8:00:00 PM	208800.000	11.275	17.558	25.699
1859.224	2167.269	1.474	1.120	537.859
1.000	14.706			
1/2/2016 8:15:00 PM	209700.000	11.279	17.559	25.708
1857.849	2165.653	1.473	1.119	538.257
1.000	14.702			
1/2/2016 8:30:00 PM	210600.000	11.271	17.559	25.689
1861.681	2170.108	1.476	1.121	537.149
1.000	14.711			
1/2/2016 8:45:00 PM	211500.000	11.265	17.559	25.676
1860.331	2168.538	1.475	1.120	537.539
1.000	14.718			
1/2/2016 9:00:00 PM	212400.000	11.264	17.559	25.673

1859.168	2167.183	1.474	1.120	537.875
1.000	14.720			
1/2/2016 9:15:00 PM	213300.000	11.276	17.559	25.700
1860.492	2168.722	1.475	1.120	537.492
1.000	14.710			
1/2/2016 9:30:00 PM	214200.000	11.261	17.558	25.668
1858.710	2166.675	1.473	1.119	538.007
1.000	14.724			
1/2/2016 9:45:00 PM	215100.000	11.272	17.558	25.692
1858.776	2166.747	1.473	1.119	537.988
1.000	14.716			
1/2/2016 10:00:00 PM	216000.000	11.273	17.559	25.695
1858.233	2166.102	1.473	1.119	538.146
1.000	14.714			
1/2/2016 10:15:00 PM	216900.000	11.271	17.559	25.690
1858.643	2166.579	1.473	1.119	538.027
1.000	14.717			
1/2/2016 10:30:00 PM	217800.000	11.275	17.559	25.699
1858.774	2166.706	1.473	1.119	537.989
1.000	14.712			
1/2/2016 10:45:00 PM	218700.000	11.278	17.559	25.707
1856.649	2164.251	1.472	1.118	538.605
1.000	14.709			
1/2/2016 11:00:00 PM	219600.000	11.282	17.559	25.715
1856.402	2163.967	1.471	1.118	538.676
1.000	14.705			
1/2/2016 11:15:00 PM	220500.000	11.278	17.558	25.706
1856.239	2163.794	1.471	1.118	538.724
1.000	14.708			
1/2/2016 11:30:00 PM	221400.000	11.273	17.558	25.695
1858.059	2165.912	1.473	1.119	538.196
1.000	14.712			
1/2/2016 11:45:00 PM	222300.000	11.278	17.559	25.707
1856.534	2164.121	1.472	1.118	538.638
1.000	14.705			
1/3/2016 12:00:00 AM	223200.000	11.279	17.559	25.709
1857.353	2165.081	1.472	1.118	538.401
1.000	14.703			
1/3/2016 12:15:00 AM	224100.000	11.279	17.558	25.708
1857.468	2165.226	1.472	1.119	538.367
1.000	14.704			
1/3/2016 12:30:00 AM	225000.000	11.283	17.558	25.718
1855.368	2162.779	1.471	1.117	538.977
1.000	14.698			
1/3/2016 12:45:00 AM	225900.000	11.283	17.558	25.717
1853.825	2160.984	1.469	1.116	539.425
1.000	14.697			
1/3/2016 1:00:00 AM	226800.000	11.281	17.558	25.713
1854.930	2162.260	1.470	1.117	539.104
1.000	14.696			
1/3/2016 1:15:00 AM	227700.000	11.279	17.559	25.709
1855.514	2162.928	1.471	1.117	538.934
1.000	14.697			
1/3/2016 1:30:00 AM	228600.000	11.283	17.558	25.716
1858.156	2166.021	1.473	1.119	538.168

1.000	14.693			
1/3/2016 1:45:00 AM	229500.000	11.281	17.558	25.714
1858.146	2166.021	1.473	1.119	538.171
1.000	14.693			
1/3/2016 2:00:00 AM	230400.000	11.280	17.559	25.710
1857.732	2165.496	1.473	1.119	538.291
1.000	14.693			
1/3/2016 2:15:00 AM	231300.000	11.281	17.558	25.712
1855.280	2162.684	1.471	1.117	539.002
1.000	14.691			
1/3/2016 2:30:00 AM	232200.000	11.277	17.558	25.704
1854.647	2161.930	1.470	1.117	539.186
1.000	14.695			
1/3/2016 2:45:00 AM	233100.000	11.275	17.559	25.699
1855.711	2163.153	1.471	1.117	538.877
1.000	14.695			
1/3/2016 3:00:00 AM	234000.000	11.278	17.558	25.707
1855.944	2163.441	1.471	1.118	538.809
1.000	14.692			
1/3/2016 3:15:00 AM	234900.000	11.279	17.558	25.708
1855.191	2162.563	1.471	1.117	539.028
1.000	14.690			
1/3/2016 3:30:00 AM	235800.000	11.275	17.559	25.698
1854.655	2161.930	1.470	1.117	539.184
1.000	14.693			
1/3/2016 3:45:00 AM	236700.000	11.281	17.558	25.712
1854.988	2162.327	1.470	1.117	539.087
1.000	14.685			
1/3/2016 4:00:00 AM	237600.000	11.284	17.558	25.719
1856.061	2163.578	1.471	1.118	538.775
1.000	14.682			
1/3/2016 4:15:00 AM	238500.000	11.278	17.558	25.707
1857.824	2165.633	1.473	1.119	538.264
1.000	14.685			
1/3/2016 4:30:00 AM	239400.000	11.288	17.559	25.730
1858.540	2166.447	1.473	1.119	538.057
1.000	14.673			
1/3/2016 4:45:00 AM	240300.000	11.293	17.558	25.740
1856.374	2163.947	1.471	1.118	538.685
1.000	14.667			
1/3/2016 5:00:00 AM	241200.000	11.288	17.559	25.728
1855.587	2163.022	1.471	1.117	538.913
1.000	14.670			
1/3/2016 5:15:00 AM	242100.000	11.281	17.559	25.713
1860.362	2168.579	1.475	1.120	537.530
1.000	14.675			
1/3/2016 5:30:00 AM	243000.000	11.283	17.559	25.717
1858.389	2166.275	1.473	1.119	538.100
1.000	14.672			
1/3/2016 5:45:00 AM	243900.000	11.286	17.559	25.725
1856.275	2163.815	1.471	1.118	538.713
1.000	14.667			
1/3/2016 6:00:00 AM	244800.000	11.288	17.558	25.728
1855.595	2163.043	1.471	1.117	538.911
1.000	14.664			

1/3/2016 6:15:00 AM	245700.000	11.285	17.558	25.722
1856.100	2163.657	1.471	1.118	538.764
1.000	14.666			
1/3/2016 6:30:00 AM	246600.000	11.277	17.559	25.703
1855.470	2162.881	1.471	1.117	538.947
1.000	14.674			
1/3/2016 6:45:00 AM	247500.000	11.282	17.558	25.716
1855.618	2163.074	1.471	1.117	538.904
1.000	14.672			
1/3/2016 7:00:00 AM	248400.000	11.283	17.558	25.717
1854.797	2162.104	1.470	1.117	539.143
1.000	14.667			
1/3/2016 7:15:00 AM	249300.000	11.275	17.559	25.700
1855.133	2162.471	1.470	1.117	539.045
1.000	14.672			
1/3/2016 7:30:00 AM	250200.000	11.273	17.558	25.694
1855.477	2162.897	1.471	1.117	538.945
1.000	14.675			
1/3/2016 7:45:00 AM	251100.000	11.279	17.559	25.707
1858.732	2166.688	1.473	1.119	538.001
1.000	14.668			
1/3/2016 8:00:00 AM	252000.000	11.275	17.559	25.700
1858.269	2166.144	1.473	1.119	538.135
1.000	14.673			
1/3/2016 8:15:00 AM	252900.000	11.274	17.558	25.698
1856.838	2164.488	1.472	1.118	538.550
1.000	14.673			
1/3/2016 8:30:00 AM	253800.000	11.272	17.558	25.693
1854.974	2162.310	1.470	1.117	539.091
1.000	14.674			
1/3/2016 8:45:00 AM	254700.000	11.267	17.558	25.681
1850.510	2157.119	1.467	1.114	540.392
1.000	14.682			
1/3/2016 9:00:00 AM	255600.000	11.269	17.559	25.686
1850.029	2156.543	1.466	1.114	540.532
1.000	14.680			
1/3/2016 9:15:00 AM	256500.000	11.274	17.558	25.698
1849.188	2155.572	1.466	1.113	540.778
1.000	14.675			
1/3/2016 9:30:00 AM	257400.000	11.262	17.559	25.669
1853.923	2161.068	1.470	1.116	539.397
1.000	14.688			
1/3/2016 9:45:00 AM	258300.000	11.276	17.559	25.702
1854.791	2162.089	1.470	1.117	539.144
1.000	14.675			
1/3/2016 10:00:00 AM	259200.000	11.278	17.559	25.705
1855.772	2163.229	1.471	1.117	538.859
1.000	14.673			
1/3/2016 10:15:00 AM	260100.000	11.274	17.558	25.698
1856.123	2163.651	1.471	1.118	538.757
1.000	14.676			
1/3/2016 10:30:00 AM	261000.000	11.277	17.559	25.705
1854.677	2161.939	1.470	1.117	539.177
1.000	14.673			
1/3/2016 10:45:00 AM	261900.000	11.281	17.559	25.713

1856.203	2163.714	1.471	1.118	538.734
1.000	14.668			
1/3/2016 11:00:00 AM	262800.000	11.284	17.559	25.721
1861.961	2170.447	1.476	1.121	537.068
1.000	14.667			
1/3/2016 11:15:00 AM	263700.000	11.285	17.559	25.722
1851.580	2158.337	1.468	1.115	540.079
1.000	14.664			
1/3/2016 11:30:00 AM	264600.000	11.290	17.559	25.733
1846.825	2152.791	1.464	1.112	541.470
1.000	14.657			
1/3/2016 11:45:00 AM	265500.000	11.290	17.559	25.732
1847.089	2153.103	1.464	1.112	541.392
1.000	14.655			
1/3/2016 12:00:00 PM	266400.000	11.289	17.558	25.731
1848.519	2154.786	1.465	1.113	540.974
1.000	14.654			
1/3/2016 12:15:00 PM	267300.000	11.294	17.558	25.742
1851.456	2158.218	1.468	1.115	540.116
1.000	14.646			
1/3/2016 12:30:00 PM	268200.000	11.293	17.559	25.741
1851.594	2158.354	1.468	1.115	540.075
1.000	14.643			
1/3/2016 12:45:00 PM	269100.000	11.288	17.559	25.728
1854.204	2161.409	1.470	1.116	539.315
1.000	14.646			
1/3/2016 1:00:00 PM	270000.000	11.290	17.559	25.733
1852.760	2159.722	1.469	1.116	539.735
1.000	14.640			
1/3/2016 1:15:00 PM	270900.000	11.288	17.559	25.729
1853.946	2161.104	1.470	1.116	539.390
1.000	14.638			
1/3/2016 1:30:00 PM	271800.000	11.297	17.559	25.748
1857.304	2165.010	1.472	1.118	538.415
1.000	14.625			
1/3/2016 1:45:00 PM	272700.000	11.304	17.558	25.764
1857.580	2165.354	1.472	1.119	538.335
1.000	14.615			
1/3/2016 2:00:00 PM	273600.000	11.294	17.558	25.743
1857.042	2164.721	1.472	1.118	538.491
1.000	14.621			
1/3/2016 2:15:00 PM	274500.000	11.288	17.558	25.729
1856.781	2164.426	1.472	1.118	538.566
1.000	14.624			
1/3/2016 2:30:00 PM	275400.000	11.286	17.559	25.724
1855.653	2163.094	1.471	1.117	538.894
1.000	14.624			
1/3/2016 2:45:00 PM	276300.000	11.294	17.559	25.744
1855.479	2162.878	1.471	1.117	538.945
1.000	14.613			
1/3/2016 3:00:00 PM	277200.000	11.280	17.558	25.710
1855.064	2162.416	1.470	1.117	539.065
1.000	14.627			
1/3/2016 3:15:00 PM	278100.000	11.291	17.559	25.736
1853.735	2160.863	1.469	1.116	539.451

1.000	14.615			
1/3/2016 3:30:00 PM	279000.000	11.284	17.558	25.719
1851.405	2158.156	1.468	1.115	540.130
1.000	14.621			
1/3/2016 3:45:00 PM	279900.000	11.293	17.558	25.741
1853.774	2160.941	1.469	1.116	539.440
1.000	14.610			
1/3/2016 4:00:00 PM	280800.000	11.288	17.559	25.729
1855.777	2163.234	1.471	1.117	538.858
1.000	14.615			
1/3/2016 4:15:00 PM	281700.000	11.282	17.559	25.716
1853.984	2161.145	1.470	1.116	539.379
1.000	14.617			
1/3/2016 4:30:00 PM	282600.000	11.282	17.559	25.714
1853.566	2160.648	1.469	1.116	539.501
1.000	14.618			
1/3/2016 4:45:00 PM	283500.000	11.285	17.559	25.722
1853.061	2160.069	1.469	1.116	539.648
1.000	14.615			
1/3/2016 5:00:00 PM	284400.000	11.286	17.558	25.725
1854.197	2161.414	1.470	1.116	539.317
1.000	14.613			
1/3/2016 5:15:00 PM	285300.000	11.287	17.559	25.726
1857.391	2165.125	1.472	1.118	538.389
1.000	14.612			
1/3/2016 5:30:00 PM	286200.000	11.284	17.559	25.720
1856.826	2164.453	1.472	1.118	538.553
1.000	14.613			
1/3/2016 5:45:00 PM	287100.000	11.276	17.558	25.701
1854.911	2162.238	1.470	1.117	539.109
1.000	14.622			
1/3/2016 6:00:00 PM	288000.000	11.285	17.559	25.721
1853.559	2160.645	1.469	1.116	539.503
1.000	14.613			
1/3/2016 6:15:00 PM	288900.000	11.280	17.559	25.710
1853.841	2160.981	1.469	1.116	539.421
1.000	14.618			
1/3/2016 6:30:00 PM	289800.000	11.278	17.559	25.705
1853.271	2160.288	1.469	1.116	539.586
1.000	14.619			
1/3/2016 6:45:00 PM	290700.000	11.279	17.559	25.709
1852.674	2159.613	1.469	1.115	539.760
1.000	14.619			
1/3/2016 7:00:00 PM	291600.000	11.275	17.558	25.699
1853.663	2160.804	1.469	1.116	539.472
1.000	14.624			
1/3/2016 7:15:00 PM	292500.000	11.274	17.559	25.697
1851.793	2158.594	1.468	1.115	540.017
1.000	14.625			
1/3/2016 7:30:00 PM	293400.000	11.275	17.559	25.699
1852.532	2159.430	1.468	1.115	539.802
1.000	14.625			
1/3/2016 7:45:00 PM	294300.000	11.282	17.559	25.715
1852.092	2158.926	1.468	1.115	539.930
1.000	14.622			

1/3/2016 8:00:00 PM	295200.000	11.276	17.559	25.701
1852.375	2159.265	1.468	1.115	539.847
1.000	14.625			
1/3/2016 8:15:00 PM	296100.000	11.275	17.559	25.699
1850.872	2157.525	1.467	1.114	540.286
1.000	14.625			
1/3/2016 8:30:00 PM	297000.000	11.284	17.559	25.719
1850.672	2157.283	1.467	1.114	540.344
1.000	14.618			
1/3/2016 8:45:00 PM	297900.000	11.282	17.558	25.715
1849.985	2156.507	1.466	1.114	540.545
1.000	14.620			
1/3/2016 9:00:00 PM	298800.000	11.281	17.558	25.713
1848.896	2155.234	1.466	1.113	540.863
1.000	14.620			
1/3/2016 9:15:00 PM	299700.000	11.277	17.558	25.704
1849.797	2156.302	1.466	1.114	540.600
1.000	14.624			
1/3/2016 9:30:00 PM	300600.000	11.280	17.559	25.712
1851.568	2158.336	1.468	1.115	540.083
1.000	14.619			
1/3/2016 9:45:00 PM	301500.000	11.277	17.558	25.704
1852.172	2159.066	1.468	1.115	539.907
1.000	14.623			
1/3/2016 10:00:00 PM	302400.000	11.281	17.558	25.712
1853.864	2161.029	1.469	1.116	539.414
1.000	14.620			
1/3/2016 10:15:00 PM	303300.000	11.278	17.558	25.706
1851.526	2158.313	1.468	1.115	540.095
1.000	14.623			
1/3/2016 10:30:00 PM	304200.000	11.277	17.558	25.704
1852.367	2159.277	1.468	1.115	539.850
1.000	14.623			
1/3/2016 10:45:00 PM	305100.000	11.273	17.558	25.695
1851.933	2158.771	1.468	1.115	539.976
1.000	14.628			
1/3/2016 11:00:00 PM	306000.000	11.282	17.558	25.714
1856.784	2164.438	1.472	1.118	538.566
1.000	14.620			
1/3/2016 11:15:00 PM	306900.000	11.282	17.559	25.716
1851.976	2158.813	1.468	1.115	539.964
1.000	14.620			
1/3/2016 11:30:00 PM	307800.000	11.275	17.558	25.700
1853.420	2160.504	1.469	1.116	539.543
1.000	14.626			
1/3/2016 11:45:00 PM	308700.000	11.276	17.558	25.701
1852.763	2159.755	1.469	1.116	539.735
1.000	14.626			
1/4/2016 12:00:00 AM	309600.000	11.282	17.559	25.715
1849.685	2156.133	1.466	1.114	540.633
1.000	14.620			
1/4/2016 12:15:00 AM	310500.000	11.280	17.559	25.710
1848.144	2154.341	1.465	1.113	541.083
1.000	14.622			
1/4/2016 12:30:00 AM	311400.000	11.284	17.558	25.720

1847.947	2154.128	1.465	1.112	541.141
1.000	14.616			
1/4/2016 12:45:00 AM	312300.000	11.286	17.558	25.725
1851.401	2158.146	1.468	1.115	540.132
1.000	14.612			
1/4/2016 1:00:00 AM	313200.000	11.283	17.558	25.717
1847.424	2153.518	1.464	1.112	541.294
1.000	14.616			
1/4/2016 1:15:00 AM	314100.000	11.277	17.559	25.705
1848.078	2154.264	1.465	1.113	541.103
1.000	14.620			
1/4/2016 1:30:00 AM	315000.000	11.289	17.558	25.732
1851.477	2158.259	1.468	1.115	540.109
1.000	14.609			
1/4/2016 1:45:00 AM	315900.000	11.285	17.559	25.721
1851.124	2157.814	1.467	1.114	540.212
1.000	14.613			
1/4/2016 2:00:00 AM	316800.000	11.280	17.558	25.711
1850.339	2156.929	1.467	1.114	540.442
1.000	14.617			
1/4/2016 2:15:00 AM	317700.000	11.281	17.559	25.712
1847.454	2153.524	1.464	1.112	541.286
1.000	14.615			
1/4/2016 2:30:00 AM	318600.000	11.280	17.559	25.711
1849.340	2155.727	1.466	1.113	540.733
1.000	14.615			
1/4/2016 2:45:00 AM	319500.000	11.282	17.559	25.715
1844.444	2150.011	1.462	1.110	542.169
1.000	14.614			
1/4/2016 3:00:00 AM	320400.000	11.280	17.558	25.709
1845.789	2151.625	1.463	1.111	541.774
1.000	14.616			
1/4/2016 3:15:00 AM	321300.000	11.281	17.558	25.712
1851.869	2158.704	1.468	1.115	539.995
1.000	14.614			
1/4/2016 3:30:00 AM	322200.000	11.286	17.559	25.724
1855.068	2162.408	1.470	1.117	539.064
1.000	14.608			
1/4/2016 3:45:00 AM	323100.000	11.291	17.558	25.735
1850.175	2156.729	1.467	1.114	540.490
1.000	14.601			
1/4/2016 4:00:00 AM	324000.000	11.290	17.558	25.733
1846.996	2153.020	1.464	1.112	541.420
1.000	14.603			
1/4/2016 4:15:00 AM	324900.000	11.291	17.559	25.736
1845.031	2150.695	1.462	1.111	541.996
1.000	14.600			
1/4/2016 4:30:00 AM	325800.000	11.288	17.558	25.729
1846.766	2152.759	1.464	1.112	541.487
1.000	14.601			
1/4/2016 4:45:00 AM	326700.000	11.286	17.558	25.725
1845.533	2151.339	1.463	1.111	541.849
1.000	14.601			
1/4/2016 5:00:00 AM	327600.000	11.289	17.559	25.731
1852.777	2159.733	1.469	1.116	539.730

1.000	14.599			
1/4/2016 5:15:00 AM	328500.000	11.288	17.560	25.728
1850.269	2156.776	1.467	1.114	540.462
1.000	14.597			
1/4/2016 5:30:00 AM	329400.000	11.285	17.559	25.722
1851.241	2157.956	1.467	1.115	540.178
1.000	14.600			
1/4/2016 5:45:00 AM	330300.000	11.284	17.558	25.719
1850.128	2156.688	1.467	1.114	540.503
1.000	14.600			
1/4/2016 6:00:00 AM	331200.000	11.283	17.558	25.716
1848.427	2154.704	1.465	1.113	541.001
1.000	14.601			
1/4/2016 6:15:00 AM	332100.000	11.283	17.558	25.717
1850.713	2157.343	1.467	1.114	540.332
1.000	14.601			
1/4/2016 6:30:00 AM	333000.000	11.285	17.558	25.722
1850.563	2157.169	1.467	1.114	540.376
1.000	14.599			
1/4/2016 6:45:00 AM	333900.000	11.278	17.558	25.707
1846.284	2152.181	1.463	1.111	541.628
1.000	14.605			
1/4/2016 7:00:00 AM	334800.000	11.270	17.559	25.689
1846.596	2152.541	1.464	1.112	541.537
1.000	14.615			
1/4/2016 7:15:00 AM	335700.000	11.267	17.558	25.681
1848.583	2154.883	1.465	1.113	540.955
1.000	14.620			
1/4/2016 7:30:00 AM	336600.000	11.277	17.558	25.705
1850.702	2157.347	1.467	1.114	540.336
1.000	14.609			
1/4/2016 7:45:00 AM	337500.000	11.272	17.558	25.691
1844.741	2150.387	1.462	1.110	542.082
1.000	14.617			
1/4/2016 8:00:00 AM	338400.000	11.276	17.558	25.702
1845.013	2150.704	1.462	1.111	542.002
1.000	14.613			
1/4/2016 8:15:00 AM	339300.000	11.279	17.558	25.708
1843.481	2148.926	1.461	1.110	542.452
1.000	14.613			
1/4/2016 8:30:00 AM	340200.000	11.281	17.558	25.712
1840.628	2145.610	1.459	1.108	543.293
1.000	14.611			
1/4/2016 8:45:00 AM	341100.000	11.276	17.558	25.701
1843.573	2149.026	1.461	1.110	542.425
1.000	14.617			
1/4/2016 9:00:00 AM	342000.000	11.279	17.558	25.707
1848.974	2155.316	1.466	1.113	540.841
1.000	14.614			
1/4/2016 9:15:00 AM	342900.000	11.277	17.559	25.704
1847.739	2153.868	1.465	1.112	541.202
1.000	14.617			
1/4/2016 9:30:00 AM	343800.000	11.272	17.558	25.692
1852.133	2159.004	1.468	1.115	539.918
1.000	14.623			

1/4/2016 9:45:00 AM	344700.000	11.274	17.559	25.698
1849.363	2155.749	1.466	1.113	540.727
1.000	14.622			
1/4/2016 10:00:00 AM	345600.000	11.271	17.558	25.691
1848.479	2154.751	1.465	1.113	540.985
1.000	14.627			
1/4/2016 10:15:00 AM	346500.000	11.271	17.559	25.690
1852.333	2159.229	1.468	1.115	539.860
1.000	14.629			
1/4/2016 10:30:00 AM	347400.000	11.277	17.558	25.703
1847.501	2153.612	1.464	1.112	541.272
1.000	14.626			
1/4/2016 10:45:00 AM	348300.000	11.281	17.558	25.712
1845.267	2151.004	1.463	1.111	541.927
1.000	14.622			
1/4/2016 11:00:00 AM	349200.000	11.277	17.558	25.705
1837.898	2142.405	1.457	1.106	544.100
1.000	14.626			
1/4/2016 11:15:00 AM	350100.000	11.281	17.558	25.713
1840.163	2145.051	1.459	1.108	543.430
1.000	14.623			
1/4/2016 11:30:00 AM	351000.000	11.280	17.559	25.711
1845.414	2151.164	1.463	1.111	541.884
1.000	14.623			
1/4/2016 11:45:00 AM	351900.000	11.282	17.559	25.716
1852.440	2159.340	1.468	1.115	539.829
1.000	14.621			
1/4/2016 12:00:00 PM	352800.000	11.284	17.558	25.720
1849.387	2155.815	1.466	1.113	540.720
1.000	14.618			
1/4/2016 12:15:00 PM	353700.000	11.288	17.559	25.728
1847.245	2153.285	1.464	1.112	541.347
1.000	14.614			
1/4/2016 12:30:00 PM	354600.000	11.288	17.558	25.729
1849.329	2155.748	1.466	1.113	540.737
1.000	14.611			
1/4/2016 12:45:00 PM	355500.000	11.288	17.558	25.729
1846.267	2152.174	1.463	1.111	541.633
1.000	14.611			
1/4/2016 1:00:00 PM	356400.000	11.294	17.559	25.742
1844.297	2149.844	1.462	1.110	542.212
1.000	14.605			
1/4/2016 1:15:00 PM	357300.000	11.293	17.559	25.740
1847.995	2154.171	1.465	1.113	541.127
1.000	14.603			
1/4/2016 1:30:00 PM	358200.000	11.289	17.559	25.731
1850.188	2156.707	1.467	1.114	540.485
1.000	14.605			
1/4/2016 1:45:00 PM	359100.000	11.294	17.558	25.743
1844.989	2150.672	1.462	1.111	542.009
1.000	14.599			
1/4/2016 2:00:00 PM	360000.000	11.295	17.558	25.745
1840.566	2145.540	1.459	1.108	543.311
1.000	14.595			
1/4/2016 2:15:00 PM	360900.000	11.288	17.559	25.728

1843.402	2148.810	1.461	1.110	542.475
1.000	14.601			
1/4/2016 2:30:00 PM	361800.000	11.292	17.559	25.738
1840.720	2145.683	1.459	1.108	543.266
1.000	14.598			
1/4/2016 2:45:00 PM	362700.000	11.288	17.558	25.730
1841.088	2146.136	1.459	1.108	543.157
1.000	14.599			
1/4/2016 3:00:00 PM	363600.000	11.284	17.558	25.721
1842.709	2148.019	1.461	1.109	542.679
1.000	14.596			
1/4/2016 3:15:00 PM	364500.000	11.292	17.558	25.738
1846.292	2152.220	1.464	1.111	541.626
1.000	14.592			
1/4/2016 3:30:00 PM	365400.000	11.293	17.559	25.741
1843.733	2149.204	1.461	1.110	542.378
1.000	14.591			
1/4/2016 3:45:00 PM	366300.000	11.288	17.558	25.728
1842.655	2147.963	1.461	1.109	542.695
1.000	14.596			
1/4/2016 4:00:00 PM	367200.000	11.292	17.557	25.738
1831.895	2135.458	1.452	1.102	545.883
1.000	14.591			
1/4/2016 4:15:00 PM	368100.000	11.287	17.559	25.726
1832.429	2136.018	1.452	1.103	545.724
1.000	14.594			
1/4/2016 4:30:00 PM	369000.000	11.292	17.558	25.737
1834.950	2138.981	1.455	1.104	544.974
1.000	14.591			
1/4/2016 4:45:00 PM	369900.000	11.288	17.559	25.728
1838.753	2143.390	1.458	1.107	543.847
1.000	14.594			
1/4/2016 5:00:00 PM	370800.000	11.282	17.559	25.716
1839.369	2144.116	1.458	1.107	543.665
1.000	14.599			
1/4/2016 5:15:00 PM	371700.000	11.281	17.558	25.712
1845.818	2151.646	1.463	1.111	541.765
1.000	14.601			
1/4/2016 5:30:00 PM	372600.000	11.291	17.559	25.735
1845.489	2151.229	1.463	1.111	541.862
1.000	14.591			
1/4/2016 5:45:00 PM	373500.000	11.276	17.558	25.701
1847.929	2154.115	1.465	1.112	541.146
1.000	14.605			
1/4/2016 6:00:00 PM	374400.000	11.282	17.558	25.715
1848.133	2154.345	1.465	1.113	541.087
1.000	14.601			
1/4/2016 6:15:00 PM	375300.000	11.277	17.558	25.704
1845.779	2151.630	1.463	1.111	541.777
1.000	14.606			
1/4/2016 6:30:00 PM	376200.000	11.282	17.558	25.716
1845.036	2150.739	1.463	1.111	541.995
1.000	14.601			
1/4/2016 6:45:00 PM	377100.000	11.283	17.559	25.718
1842.025	2147.199	1.460	1.109	542.881

1.000	14.599			
1/4/2016 7:00:00 PM	378000.000	11.280	17.559	25.711
1839.199	2143.897	1.458	1.107	543.715
1.000	14.602			
1/4/2016 7:15:00 PM	378900.000	11.278	17.559	25.706
1847.380	2153.450	1.464	1.112	541.307
1.000	14.602			
1/4/2016 7:30:00 PM	379800.000	11.289	17.558	25.731
1848.342	2154.597	1.465	1.113	541.025
1.000	14.594			
1/4/2016 7:45:00 PM	380700.000	11.276	17.559	25.702
1838.909	2143.572	1.458	1.107	543.801
1.000	14.606			
1/4/2016 8:00:00 PM	381600.000	11.288	17.558	25.729
1838.472	2143.083	1.457	1.106	543.930
1.000	14.594			
1/4/2016 8:15:00 PM	382500.000	11.286	17.559	25.724
1838.747	2143.391	1.458	1.107	543.849
1.000	14.598			
1/4/2016 8:30:00 PM	383400.000	11.280	17.559	25.710
1839.985	2144.818	1.458	1.107	543.483
1.000	14.603			
1/4/2016 8:45:00 PM	384300.000	11.283	17.558	25.718
1838.191	2142.776	1.457	1.106	544.013
1.000	14.600			
1/4/2016 9:00:00 PM	385200.000	11.286	17.558	25.724
1832.626	2136.265	1.453	1.103	545.665
1.000	14.597			
1/4/2016 9:15:00 PM	386100.000	11.289	17.558	25.730
1836.301	2140.552	1.456	1.105	544.573
1.000	14.595			
1/4/2016 9:30:00 PM	387000.000	11.287	17.558	25.726
1835.733	2139.904	1.455	1.105	544.741
1.000	14.595			
1/4/2016 9:45:00 PM	387900.000	11.288	17.558	25.728
1833.877	2137.735	1.454	1.104	545.293
1.000	14.595			
1/4/2016 10:00:00 PM	388800.000	11.293	17.558	25.740
1829.975	2133.170	1.451	1.101	546.456
1.000	14.587			
1/4/2016 10:15:00 PM	389700.000	11.290	17.558	25.733
1840.254	2145.160	1.459	1.108	543.403
1.000	14.589			
1/4/2016 10:30:00 PM	390600.000	11.290	17.558	25.734
1837.044	2141.422	1.456	1.106	544.353
1.000	14.587			
1/4/2016 10:45:00 PM	391500.000	11.289	17.559	25.732
1835.659	2139.779	1.455	1.105	544.764
1.000	14.588			
1/4/2016 11:00:00 PM	392400.000	11.292	17.559	25.739
1842.338	2147.561	1.460	1.109	542.788
1.000	14.583			
1/4/2016 11:15:00 PM	393300.000	11.288	17.558	25.729
1834.938	2138.977	1.455	1.104	544.978
1.000	14.584			

1/4/2016 11:30:00 PM	394200.000	11.289	17.558	25.732
1841.027	2146.053	1.459	1.108	543.175
1.000	14.583			
1/4/2016 11:45:00 PM	395100.000	11.287	17.558	25.727
1836.312	2140.556	1.456	1.105	544.570
1.000	14.584			
1/5/2016 12:00:00 AM	396000.000	11.291	17.558	25.737
1841.037	2146.077	1.459	1.108	543.172
1.000	14.578			
1/5/2016 12:15:00 AM	396900.000	11.300	17.558	25.756
1834.871	2138.899	1.454	1.104	544.997
1.000	14.570			
1/5/2016 12:30:00 AM	397800.000	11.297	17.558	25.749
1837.749	2142.232	1.457	1.106	544.144
1.000	14.570			
1/5/2016 12:45:00 AM	398700.000	11.291	17.558	25.735
1845.972	2151.847	1.463	1.111	541.720
1.000	14.575			
1/5/2016 1:00:00 AM	399600.000	11.297	17.557	25.750
1834.880	2138.938	1.454	1.104	544.995
1.000	14.568			
1/5/2016 1:15:00 AM	400500.000	11.294	17.558	25.743
1827.406	2130.200	1.449	1.099	547.224
1.000	14.569			
1/5/2016 1:30:00 AM	401400.000	11.296	17.558	25.746
1825.962	2128.508	1.447	1.099	547.657
1.000	14.565			
1/5/2016 1:45:00 AM	402300.000	11.291	17.558	25.736
1829.190	2132.263	1.450	1.101	546.690
1.000	14.568			
1/5/2016 2:00:00 AM	403200.000	11.291	17.558	25.735
1836.258	2140.499	1.456	1.105	544.586
1.000	14.568			
1/5/2016 2:15:00 AM	404100.000	11.295	17.558	25.745
1832.419	2136.018	1.452	1.103	545.727
1.000	14.562			
1/5/2016 2:30:00 AM	405000.000	11.295	17.558	25.745
1827.046	2129.797	1.448	1.099	547.332
1.000	14.559			
1/5/2016 2:45:00 AM	405900.000	11.293	17.558	25.740
1821.886	2123.766	1.444	1.096	548.882
1.000	14.562			
1/5/2016 3:00:00 AM	406800.000	11.293	17.557	25.740
1817.822	2119.049	1.441	1.093	550.109
1.000	14.559			
1/5/2016 3:15:00 AM	407700.000	11.298	17.558	25.753
1825.942	2128.485	1.447	1.099	547.663
1.000	14.552			
1/5/2016 3:30:00 AM	408600.000	11.296	17.558	25.746
1827.403	2130.188	1.449	1.099	547.225
1.000	14.552			
1/5/2016 3:45:00 AM	409500.000	11.302	17.558	25.762
1832.202	2135.799	1.452	1.103	545.791
1.000	14.543			
1/5/2016 4:00:00 AM	410400.000	11.303	17.558	25.762

1830.640	2133.950	1.451	1.102	546.257
1.000	14.540			
1/5/2016 4:15:00 AM	411300.000	11.296	17.559	25.747
1830.907	2134.253	1.451	1.102	546.177
1.000	14.545			
1/5/2016 4:30:00 AM	412200.000	11.297	17.558	25.750
1833.615	2137.442	1.453	1.103	545.371
1.000	14.539			
1/5/2016 4:45:00 AM	413100.000	11.285	17.558	25.723
1826.046	2128.615	1.447	1.099	547.631
1.000	14.550			
1/5/2016 5:00:00 AM	414000.000	11.294	17.558	25.742
1822.931	2124.996	1.445	1.097	548.567
1.000	14.540			
1/5/2016 5:15:00 AM	414900.000	11.292	17.558	25.738
1822.487	2124.470	1.445	1.096	548.701
1.000	14.543			
1/5/2016 5:30:00 AM	415800.000	11.291	17.558	25.735
1826.037	2128.604	1.447	1.099	547.634
1.000	14.543			
1/5/2016 5:45:00 AM	416700.000	11.291	17.558	25.737
1822.394	2124.357	1.445	1.096	548.729
1.000	14.541			
1/5/2016 6:00:00 AM	417600.000	11.293	17.558	25.739
1822.655	2124.653	1.445	1.096	548.650
1.000	14.540			
1/5/2016 6:15:00 AM	418500.000	11.297	17.558	25.750
1823.027	2125.096	1.445	1.097	548.538
1.000	14.535			
1/5/2016 6:30:00 AM	419400.000	11.291	17.558	25.735
1826.521	2129.156	1.448	1.099	547.489
1.000	14.541			
1/5/2016 6:45:00 AM	420300.000	11.286	17.558	25.725
1828.143	2131.067	1.449	1.100	547.003
1.000	14.545			
1/5/2016 7:00:00 AM	421200.000	11.288	17.558	25.729
1826.353	2128.952	1.448	1.099	547.539
1.000	14.543			
1/5/2016 7:15:00 AM	422100.000	11.277	17.558	25.704
1826.573	2129.213	1.448	1.099	547.473
1.000	14.556			
1/5/2016 7:30:00 AM	423000.000	11.282	17.558	25.716
1827.245	2130.009	1.448	1.099	547.272
1.000	14.550			
1/5/2016 7:45:00 AM	423900.000	11.282	17.558	25.714
1829.317	2132.419	1.450	1.101	546.652
1.000	14.553			
1/5/2016 8:00:00 AM	424800.000	11.281	17.559	25.714
1830.022	2133.212	1.451	1.101	546.442
1.000	14.553			
1/5/2016 8:15:00 AM	425700.000	11.281	17.558	25.712
1825.851	2128.371	1.447	1.098	547.690
1.000	14.555			
1/5/2016 8:30:00 AM	426600.000	11.274	17.558	25.696
1818.726	2120.065	1.442	1.094	549.836

1.000	14.563			
1/5/2016 8:45:00 AM	427500.000	11.280	17.558	25.711
1820.271	2121.875	1.443	1.095	549.369
1.000	14.559			
1/5/2016 9:00:00 AM	428400.000	11.280	17.558	25.710
1817.947	2119.178	1.441	1.094	550.071
1.000	14.560			
1/5/2016 9:15:00 AM	429300.000	11.275	17.558	25.700
1815.284	2116.083	1.439	1.092	550.878
1.000	14.567			
1/5/2016 9:30:00 AM	430200.000	11.278	17.558	25.706
1818.855	2120.215	1.442	1.094	549.797
1.000	14.566			
1/5/2016 9:45:00 AM	431100.000	11.278	17.558	25.707
1820.786	2122.459	1.443	1.095	549.213
1.000	14.567			
1/5/2016 10:00:00 AM	432000.000	11.270	17.557	25.687
1825.967	2128.548	1.447	1.099	547.655
1.000	14.580			
1/5/2016 10:15:00 AM	432900.000	11.273	17.559	25.695
1827.590	2130.386	1.449	1.100	547.169
1.000	14.579			
1/5/2016 10:30:00 AM	433800.000	11.265	17.558	25.675
1829.960	2133.174	1.451	1.101	546.460
1.000	14.591			
1/5/2016 10:45:00 AM	434700.000	11.270	17.558	25.689
1827.700	2130.542	1.449	1.100	547.136
1.000	14.590			
1/5/2016 11:00:00 AM	435600.000	11.275	17.559	25.699
1824.374	2126.633	1.446	1.098	548.133
1.000	14.588			
1/5/2016 11:15:00 AM	436500.000	11.273	17.558	25.694
1823.227	2125.341	1.445	1.097	548.478
1.000	14.590			
1/5/2016 11:30:00 AM	437400.000	11.278	17.558	25.707
1820.668	2122.337	1.443	1.095	549.249
1.000	14.590			
1/5/2016 11:45:00 AM	438300.000	11.272	17.558	25.692
1822.207	2124.119	1.444	1.096	548.785
1.000	14.597			
1/5/2016 12:00:00 PM	439200.000	11.281	17.558	25.713
1823.023	2125.074	1.445	1.097	548.540
1.000	14.589			
1/5/2016 12:15:00 PM	440100.000	11.278	17.559	25.707
1825.745	2128.235	1.447	1.098	547.722
1.000	14.593			
1/5/2016 12:30:00 PM	441000.000	11.278	17.559	25.706
1830.084	2133.289	1.451	1.101	546.423
1.000	14.594			
1/5/2016 12:45:00 PM	441900.000	11.280	17.558	25.711
1824.891	2127.252	1.447	1.098	547.978
1.000	14.594			
1/5/2016 1:00:00 PM	442800.000	11.282	17.558	25.716
1823.634	2125.794	1.446	1.097	548.356
1.000	14.594			

1/5/2016 1:15:00 PM	443700.000	11.271	17.558	25.690
1821.829	2123.696	1.444	1.096	548.899
1.000	14.607			
1/5/2016 1:30:00 PM	444600.000	11.276	17.558	25.702
1818.793	2120.147	1.442	1.094	549.815
1.000	14.604			
1/5/2016 1:45:00 PM	445500.000	11.276	17.558	25.702
1823.728	2125.913	1.446	1.097	548.327
1.000	14.606			
1/5/2016 2:00:00 PM	446400.000	11.276	17.559	25.702
1821.603	2123.386	1.444	1.096	548.967
1.000	14.608			
1/5/2016 2:15:00 PM	447300.000	11.278	17.558	25.705
1817.560	2118.727	1.441	1.093	550.188
1.000	14.609			
1/5/2016 2:30:00 PM	448200.000	11.278	17.558	25.706
1820.788	2122.485	1.443	1.095	549.213
1.000	14.608			
1/5/2016 2:45:00 PM	449100.000	11.277	17.558	25.703
1820.378	2121.995	1.443	1.095	549.337
1.000	14.612			
1/5/2016 3:00:00 PM	450000.000	11.283	17.558	25.717
1819.391	2120.849	1.442	1.094	549.634
1.000	14.608			
1/5/2016 3:15:00 PM	450900.000	11.279	17.558	25.707
1820.213	2121.791	1.443	1.095	549.386
1.000	14.614			
1/5/2016 3:30:00 PM	451800.000	11.280	17.559	25.710
1819.417	2120.859	1.442	1.094	549.627
1.000	14.615			
1/5/2016 3:45:00 PM	452700.000	11.279	17.558	25.708
1823.130	2125.203	1.445	1.097	548.507
1.000	14.617			
1/5/2016 4:00:00 PM	453600.000	11.277	17.558	25.704
1819.589	2121.071	1.442	1.095	549.575
1.000	14.622			
1/5/2016 4:15:00 PM	454500.000	11.279	17.558	25.707
1820.900	2122.625	1.443	1.095	549.179
1.000	14.621			
1/5/2016 4:30:00 PM	455400.000	11.277	17.558	25.703
1816.973	2118.055	1.440	1.093	550.366
1.000	14.625			
1/5/2016 4:45:00 PM	456300.000	11.277	17.559	25.704
1816.010	2116.887	1.439	1.092	550.658
1.000	14.626			
1/5/2016 5:00:00 PM	457200.000	11.272	17.558	25.693
1814.100	2114.670	1.438	1.091	551.237
1.000	14.633			
1/5/2016 5:15:00 PM	458100.000	11.280	17.558	25.712
1815.530	2116.336	1.439	1.092	550.803
1.000	14.628			
1/5/2016 5:30:00 PM	459000.000	11.270	17.558	25.687
1820.060	2121.624	1.443	1.095	549.432
1.000	14.640			
1/5/2016 5:45:00 PM	459900.000	11.275	17.558	25.699

1817.909	2119.109	1.441	1.093	550.083
1.000	14.636			
1/5/2016 6:00:00 PM	460800.000	11.276	17.558	25.702
1815.324	2116.103	1.439	1.092	550.866
1.000	14.639			
1/5/2016 6:15:00 PM	461700.000	11.275	17.558	25.699
1824.933	2127.309	1.447	1.098	547.965
1.000	14.642			
1/5/2016 6:30:00 PM	462600.000	11.271	17.559	25.691
1817.322	2118.417	1.441	1.093	550.260
1.000	14.647			
1/5/2016 6:45:00 PM	463500.000	11.279	17.559	25.709
1823.465	2125.569	1.445	1.097	548.406
1.000	14.643			
1/5/2016 7:00:00 PM	464400.000	11.278	17.559	25.705
1829.203	2132.258	1.450	1.101	546.686
1.000	14.645			
1/5/2016 7:15:00 PM	465300.000	11.279	17.558	25.707
1825.947	2128.503	1.447	1.099	547.661
1.000	14.645			
1/5/2016 7:30:00 PM	466200.000	11.277	17.558	25.703
1821.263	2123.036	1.444	1.096	549.069
1.000	14.649			
1/5/2016 7:45:00 PM	467100.000	11.277	17.558	25.704
1826.731	2129.413	1.448	1.099	547.426
1.000	14.650			
1/5/2016 8:00:00 PM	468000.000	11.279	17.558	25.707
1833.202	2136.956	1.453	1.103	545.494
1.000	14.650			
1/5/2016 8:15:00 PM	468900.000	11.281	17.558	25.712
1827.225	2129.964	1.448	1.099	547.278
1.000	14.654			
1/5/2016 8:30:00 PM	469800.000	11.280	17.558	25.710
1824.880	2127.247	1.447	1.098	547.981
1.000	14.652			
1/5/2016 8:45:00 PM	470700.000	11.277	17.558	25.703
1823.321	2125.435	1.445	1.097	548.450
1.000	14.657			
1/5/2016 9:00:00 PM	471600.000	11.272	17.558	25.692
1826.383	2128.982	1.448	1.099	547.530
1.000	14.665			
1/5/2016 9:15:00 PM	472500.000	11.269	17.558	25.686
1829.570	2132.702	1.450	1.101	546.577
1.000	14.671			
1/5/2016 9:30:00 PM	473400.000	11.276	17.558	25.703
1826.942	2129.651	1.448	1.099	547.363
1.000	14.667			
1/5/2016 9:45:00 PM	474300.000	11.270	17.558	25.689
1823.882	2126.068	1.446	1.097	548.281
1.000	14.674			
1/5/2016 10:00:00 PM	475200.000	11.276	17.558	25.702
1827.619	2130.424	1.449	1.100	547.160
1.000	14.670			
1/5/2016 10:15:00 PM	476100.000	11.280	17.558	25.710
1822.513	2124.488	1.445	1.096	548.693

1.000	14.670			
1/5/2016 10:30:00 PM	477000.000	11.286	17.558	25.725
1821.769	2123.617	1.444	1.096	548.917
1.000	14.666			
1/5/2016 10:45:00 PM	477900.000	11.287	17.558	25.727
1827.079	2129.802	1.448	1.099	547.322
1.000	14.670			
1/5/2016 11:00:00 PM	478800.000	11.284	17.558	25.719
1828.612	2131.593	1.449	1.100	546.863
1.000	14.668			
1/5/2016 11:15:00 PM	479700.000	11.280	17.559	25.710
1834.844	2138.820	1.454	1.104	545.005
1.000	14.672			
1/5/2016 11:30:00 PM	480600.000	11.287	17.558	25.727
1835.807	2139.981	1.455	1.105	544.719
1.000	14.666			
1/5/2016 11:45:00 PM	481500.000	11.290	17.559	25.734
1831.486	2134.906	1.452	1.102	546.005
1.000	14.663			
1/6/2016 12:00:00 AM	482400.000	11.289	17.558	25.732
1825.830	2128.350	1.447	1.098	547.696
1.000	14.662			
1/6/2016 12:15:00 AM	483300.000	11.298	17.558	25.751
1823.481	2125.625	1.445	1.097	548.402
1.000	14.655			
1/6/2016 12:30:00 AM	484200.000	11.297	17.558	25.749
1822.584	2124.559	1.445	1.096	548.672
1.000	14.654			
1/6/2016 12:45:00 AM	485100.000	11.295	17.559	25.746
1822.309	2124.218	1.444	1.096	548.754
1.000	14.654			
1/6/2016 1:00:00 AM	486000.000	11.292	17.557	25.739
1815.792	2116.683	1.439	1.092	550.724
1.000	14.655			
1/6/2016 1:15:00 AM	486900.000	11.299	17.558	25.753
1816.429	2117.385	1.440	1.093	550.531
1.000	14.648			
1/6/2016 1:30:00 AM	487800.000	11.305	17.558	25.768
1817.027	2118.088	1.440	1.093	550.350
1.000	14.639			
1/6/2016 1:45:00 AM	488700.000	11.299	17.558	25.753
1816.907	2117.945	1.440	1.093	550.386
1.000	14.642			
1/6/2016 2:00:00 AM	489600.000	11.303	17.558	25.762
1821.850	2123.723	1.444	1.096	548.893
1.000	14.634			
1/6/2016 2:15:00 AM	490500.000	11.304	17.558	25.766
1818.700	2120.048	1.442	1.094	549.843
1.000	14.630			
1/6/2016 2:30:00 AM	491400.000	11.300	17.558	25.755
1821.189	2122.928	1.444	1.096	549.092
1.000	14.632			
1/6/2016 2:45:00 AM	492300.000	11.309	17.558	25.776
1811.469	2111.626	1.436	1.089	552.038
1.000	14.619			

1/6/2016 3:00:00 AM	493200.000	11.305	17.558	25.768
1818.033	2119.254	1.441	1.094	550.045
1.000	14.620			
1/6/2016 3:15:00 AM	494100.000	11.314	17.559	25.787
1817.030	2118.076	1.440	1.093	550.349
1.000	14.609			
1/6/2016 3:30:00 AM	495000.000	11.319	17.559	25.799
1818.903	2120.260	1.442	1.094	549.782
1.000	14.600			
1/6/2016 3:45:00 AM	495900.000	11.311	17.558	25.782
1819.046	2120.455	1.442	1.094	549.739
1.000	14.598			
1/6/2016 4:00:00 AM	496800.000	11.317	17.558	25.795
1814.965	2115.706	1.439	1.092	550.975
1.000	14.591			
1/6/2016 4:15:00 AM	497700.000	11.312	17.559	25.784
1817.607	2118.740	1.441	1.093	550.174
1.000	14.589			
1/6/2016 4:30:00 AM	498600.000	11.312	17.558	25.784
1819.758	2121.268	1.442	1.095	549.524
1.000	14.586			
1/6/2016 4:45:00 AM	499500.000	11.311	17.559	25.782
1817.883	2119.071	1.441	1.093	550.090
1.000	14.583			
1/6/2016 5:00:00 AM	500400.000	11.308	17.559	25.775
1819.044	2120.399	1.442	1.094	549.739
1.000	14.581			
1/6/2016 5:15:00 AM	501300.000	11.304	17.558	25.764
1817.618	2118.782	1.441	1.093	550.171
1.000	14.582			
1/6/2016 5:30:00 AM	502200.000	11.293	17.559	25.741
1821.479	2123.263	1.444	1.096	549.004
1.000	14.592			
1/6/2016 5:45:00 AM	503100.000	11.289	17.558	25.732
1823.212	2125.295	1.445	1.097	548.483
1.000	14.593			
1/6/2016 6:00:00 AM	504000.000	11.286	17.559	25.725
1826.356	2128.926	1.448	1.099	547.538
1.000	14.598			
1/6/2016 6:15:00 AM	504900.000	11.281	17.558	25.713
1819.674	2121.195	1.442	1.095	549.549
1.000	14.604			
1/6/2016 6:30:00 AM	505800.000	11.292	17.558	25.737
1817.604	2118.757	1.441	1.093	550.175
1.000	14.593			
1/6/2016 6:45:00 AM	506700.000	11.300	17.558	25.756
1816.626	2117.634	1.440	1.093	550.471
1.000	14.585			
1/6/2016 7:00:00 AM	507600.000	11.301	17.558	25.758
1815.231	2116.000	1.439	1.092	550.894
1.000	14.584			
1/6/2016 7:15:00 AM	508500.000	11.306	17.558	25.770
1818.546	2119.852	1.441	1.094	549.890
1.000	14.581			
1/6/2016 7:30:00 AM	509400.000	11.293	17.558	25.740

1815.213	2115.970	1.439	1.092	550.900
1.000	14.590			
1/6/2016 7:45:00 AM	510300.000	11.296	17.558	25.746
1814.872	2115.590	1.439	1.092	551.003
1.000	14.587			
1/6/2016 8:00:00 AM	511200.000	11.300	17.558	25.757
1825.309	2127.731	1.447	1.098	547.852
1.000	14.585			
1/6/2016 8:15:00 AM	512100.000	11.286	17.559	25.723
1817.925	2119.120	1.441	1.093	550.078
1.000	14.595			
1/6/2016 8:30:00 AM	513000.000	11.282	17.558	25.716
1818.165	2119.412	1.441	1.094	550.005
1.000	14.603			
1/6/2016 8:45:00 AM	513900.000	11.282	17.558	25.716
1815.905	2116.793	1.439	1.092	550.690
1.000	14.604			
1/6/2016 9:00:00 AM	514800.000	11.288	17.558	25.729
1814.993	2115.722	1.439	1.092	550.966
1.000	14.599			
1/6/2016 9:15:00 AM	515700.000	11.277	17.558	25.705
1818.432	2119.727	1.441	1.094	549.924
1.000	14.613			
1/6/2016 9:30:00 AM	516600.000	11.285	17.559	25.721
1822.847	2124.853	1.445	1.097	548.592
1.000	14.609			
1/6/2016 9:45:00 AM	517500.000	11.280	17.558	25.711
1820.797	2122.496	1.443	1.095	549.210
1.000	14.614			
1/6/2016 10:00:00 AM	518400.000	11.280	17.558	25.710
1819.090	2120.499	1.442	1.094	549.725
1.000	14.617			
1/6/2016 10:15:00 AM	519300.000	11.283	17.558	25.718
1816.619	2117.630	1.440	1.093	550.473
1.000	14.614			
1/6/2016 10:30:00 AM	520200.000	11.290	17.558	25.735
1821.722	2123.558	1.444	1.096	548.931
1.000	14.608			
1/6/2016 10:45:00 AM	521100.000	11.283	17.558	25.716
1828.717	2131.712	1.450	1.100	546.831
1.000	14.616			
1/6/2016 11:00:00 AM	522000.000	11.288	17.558	25.728
1823.696	2125.856	1.446	1.097	548.337
1.000	14.613			
1/6/2016 11:15:00 AM	522900.000	11.293	17.558	25.741
1822.586	2124.557	1.445	1.096	548.671
1.000	14.607			
1/6/2016 11:30:00 AM	523800.000	11.291	17.558	25.736
1812.510	2112.832	1.437	1.090	551.721
1.000	14.609			
1/6/2016 11:45:00 AM	524700.000	11.297	17.558	25.749
1810.190	2110.115	1.435	1.089	552.428
1.000	14.603			
1/6/2016 12:00:00 PM	525600.000	11.305	17.558	25.768
1813.503	2113.977	1.438	1.091	551.419

1.000	14.595			
1/6/2016 12:15:00 PM	526500.000	11.303	17.558	25.764
1815.047	2115.806	1.439	1.092	550.950
1.000	14.594			
1/6/2016 12:30:00 PM	527400.000	11.301	17.558	25.759
1830.608	2133.925	1.451	1.102	546.267
1.000	14.595			
1/6/2016 12:45:00 PM	528300.000	11.298	17.558	25.752
1828.312	2131.239	1.449	1.100	546.953
1.000	14.596			
1/6/2016 1:00:00 PM	529200.000	11.301	17.559	25.760
1828.874	2131.869	1.450	1.100	546.785
1.000	14.596			
1/6/2016 1:15:00 PM	530100.000	11.301	17.558	25.758
1819.360	2120.804	1.442	1.094	549.644
1.000	14.591			
1/6/2016 1:30:00 PM	531000.000	11.301	17.558	25.758
1815.036	2115.768	1.439	1.092	550.953
1.000	14.590			
1/6/2016 1:45:00 PM	531900.000	11.292	17.558	25.739
1815.122	2115.868	1.439	1.092	550.927
1.000	14.597			
1/6/2016 2:00:00 PM	532800.000	11.297	17.558	25.749
1813.583	2114.070	1.438	1.091	551.395
1.000	14.592			
1/6/2016 2:15:00 PM	533700.000	11.300	17.558	25.756
1818.656	2119.992	1.442	1.094	549.857
1.000	14.588			
1/6/2016 2:30:00 PM	534600.000	11.301	17.558	25.758
1817.404	2118.533	1.441	1.093	550.235
1.000	14.586			
1/6/2016 2:45:00 PM	535500.000	11.298	17.558	25.752
1825.018	2127.400	1.447	1.098	547.940
1.000	14.588			
1/6/2016 3:00:00 PM	536400.000	11.297	17.558	25.749
1820.172	2121.750	1.443	1.095	549.399
1.000	14.587			
1/6/2016 3:15:00 PM	537300.000	11.296	17.558	25.747
1812.449	2112.765	1.437	1.090	551.740
1.000	14.591			
1/6/2016 3:30:00 PM	538200.000	11.293	17.559	25.740
1813.059	2113.447	1.437	1.090	551.554
1.000	14.593			
1/6/2016 3:45:00 PM	539100.000	11.294	17.559	25.743
1809.837	2109.692	1.435	1.088	552.536
1.000	14.591			
1/6/2016 4:00:00 PM	540000.000	11.295	17.559	25.744
1816.648	2117.631	1.440	1.093	550.464
1.000	14.591			
1/6/2016 4:15:00 PM	540900.000	11.298	17.558	25.753
1819.511	2120.989	1.442	1.094	549.598
1.000	14.588			
1/6/2016 4:30:00 PM	541800.000	11.289	17.558	25.730
1818.775	2120.143	1.442	1.094	549.821
1.000	14.597			

1/6/2016 4:45:00 PM	542700.000	11.294	17.558	25.742
1814.935	2115.638	1.439	1.092	550.984
1.000	14.593			
1/6/2016 5:00:00 PM	543600.000	11.289	17.558	25.731
1823.302	2125.404	1.445	1.097	548.455
1.000	14.598			
1/6/2016 5:15:00 PM	544500.000	11.294	17.558	25.742
1826.496	2129.123	1.448	1.099	547.496
1.000	14.593			
1/6/2016 5:30:00 PM	545400.000	11.295	17.558	25.745
1826.617	2129.263	1.448	1.099	547.460
1.000	14.593			
1/6/2016 5:45:00 PM	546300.000	11.294	17.559	25.743
1824.892	2127.236	1.447	1.098	547.978
1.000	14.596			
1/6/2016 6:00:00 PM	547200.000	11.295	17.559	25.745
1838.364	2142.945	1.457	1.106	543.962
1.000	14.594			
1/6/2016 6:15:00 PM	548100.000	11.287	17.558	25.727
1829.445	2132.560	1.450	1.101	546.614
1.000	14.601			
1/6/2016 6:30:00 PM	549000.000	11.285	17.558	25.721
1834.655	2138.637	1.454	1.104	545.062
1.000	14.606			
1/6/2016 6:45:00 PM	549900.000	11.288	17.558	25.729
1828.962	2132.014	1.450	1.100	546.758
1.000	14.603			
1/6/2016 7:00:00 PM	550800.000	11.286	17.558	25.725
1823.761	2125.943	1.446	1.097	548.318
1.000	14.606			
1/6/2016 7:15:00 PM	551700.000	11.290	17.558	25.733
1814.427	2115.062	1.438	1.091	551.138
1.000	14.603			
1/6/2016 7:30:00 PM	552600.000	11.288	17.558	25.728
1817.820	2119.013	1.441	1.093	550.109
1.000	14.605			
1/6/2016 7:45:00 PM	553500.000	11.284	17.558	25.719
1820.051	2121.610	1.443	1.095	549.435
1.000	14.611			
1/6/2016 8:00:00 PM	554400.000	11.288	17.558	25.728
1819.557	2121.025	1.442	1.095	549.584
1.000	14.608			
1/6/2016 8:15:00 PM	555300.000	11.290	17.559	25.732
1822.149	2124.044	1.444	1.096	548.802
1.000	14.608			
1/6/2016 8:30:00 PM	556200.000	11.290	17.558	25.734
1814.284	2114.913	1.438	1.091	551.182
1.000	14.608			
1/6/2016 8:45:00 PM	557100.000	11.279	17.558	25.709
1809.768	2109.615	1.435	1.088	552.557
1.000	14.620			
1/6/2016 9:00:00 PM	558000.000	11.287	17.559	25.726
1822.453	2124.399	1.445	1.096	548.711
1.000	14.614			
1/6/2016 9:15:00 PM	558900.000	11.292	17.558	25.738

1820.125	2121.704	1.443	1.095	549.413
1.000	14.615			
1/6/2016 9:30:00 PM	559800.000	11.285	17.558	25.721
1817.912	2119.117	1.441	1.093	550.082
1.000	14.618			
1/6/2016 9:45:00 PM	560700.000	11.290	17.558	25.732
1816.245	2117.177	1.440	1.092	550.587
1.000	14.616			
1/6/2016 10:00:00 PM	561600.000	11.284	17.558	25.720
1812.791	2113.144	1.437	1.090	551.635
1.000	14.623			
1/6/2016 10:15:00 PM	562500.000	11.289	17.558	25.730
1822.858	2124.898	1.445	1.097	548.589
1.000	14.619			
1/6/2016 10:30:00 PM	563400.000	11.280	17.559	25.710
1818.259	2119.510	1.441	1.094	549.977
1.000	14.629			
1/6/2016 10:45:00 PM	564300.000	11.288	17.559	25.729
1816.449	2117.369	1.440	1.093	550.525
1.000	14.623			
1/6/2016 11:00:00 PM	565200.000	11.280	17.558	25.710
1821.291	2123.047	1.444	1.096	549.061
1.000	14.634			
1/6/2016 11:15:00 PM	566100.000	11.286	17.558	25.723
1830.352	2133.609	1.451	1.101	546.343
1.000	14.629			
1/6/2016 11:30:00 PM	567000.000	11.287	17.558	25.727
1833.783	2137.625	1.454	1.104	545.321
1.000	14.629			
1/6/2016 11:45:00 PM	567900.000	11.289	17.558	25.731
1842.151	2147.392	1.460	1.109	542.844
1.000	14.629			

Report Date: 1/11/2016 11:31:37 AM
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_2016-01-07_08-55-16-497.wsl
Create Date: 1/7/2016 8:55:10 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

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 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
 1/3/2016 11:42:50 AM Log Download - Used Battery: 11% Used Memory: 20% User Name: CShaw Interval - Start
 Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:30:00 PM
 1/7/2016 8:54:14 AM Log Download - Used Battery: 12% Used Memory: 21% User Name: KMakar Interval -
 Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM

Log Data:

Record Count: 667

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		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Elapsed Time		SN#: 410757	SN#: 410757	SN#: 410757	SN#:
SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#:
410757	SN#: 410757				
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
12/31/2015 12:00:00 AM	2674800.000	71.122	17.362	160.209	
41916.805	49076.488	33.372	32.256	23.857	
1.023					
12/31/2015 12:15:00 AM	2675700.000	71.126	17.363	160.218	
41849.109	48995.984	33.317	32.197	23.895	
1.023					
12/31/2015 12:30:00 AM	2676600.000	71.127	17.362	160.221	
41906.238	49064.402	33.364	32.247	23.863	
1.023					
12/31/2015 12:45:00 AM	2677500.000	71.134	17.371	160.237	
41841.730	48978.715	33.306	32.185	23.900	
1.023					
12/31/2015 1:00:00 AM	2678400.000	71.139	17.371	160.247	
41900.066	49047.102	33.352	32.235	23.866	
1.023					
12/31/2015 1:15:00 AM	2679300.000	71.144	17.369	160.258	
41941.098	49097.051	33.386	32.272	23.843	
1.023					
12/31/2015 1:30:00 AM	2680200.000	71.152	17.367	160.277	
41921.309	49075.996	33.372	32.256	23.854	
1.023					
12/31/2015 1:45:00 AM	2681100.000	71.157	17.369	160.287	

41905.371	49055.227	33.358	32.241	23.863
1.023				
12/31/2015 2:00:00 AM	2682000.000	71.164	17.365	160.304
41865.629	49013.219	33.329	32.210	23.886
1.023				
12/31/2015 2:15:00 AM	2682900.000	71.168	17.365	160.313
41902.230	49055.684	33.358	32.241	23.865
1.023				
12/31/2015 2:30:00 AM	2683800.000	71.172	17.369	160.323
41898.379	49046.949	33.352	32.235	23.867
1.023				
12/31/2015 2:45:00 AM	2684700.000	71.184	17.360	160.348
41866.070	49018.629	33.333	32.214	23.886
1.023				
12/31/2015 3:00:00 AM	2685600.000	71.192	17.364	160.366
41902.152	49057.398	33.359	32.242	23.865
1.023				
12/31/2015 3:15:00 AM	2686500.000	71.199	17.361	160.383
41898.934	49056.914	33.359	32.242	23.867
1.023				
12/31/2015 3:30:00 AM	2687400.000	71.201	17.368	160.386
41889.512	49038.109	33.346	32.229	23.872
1.023				
12/31/2015 3:45:00 AM	2688300.000	71.209	17.364	160.406
41869.262	49018.336	33.332	32.214	23.884
1.023				
12/31/2015 4:00:00 AM	2689200.000	71.214	17.362	160.415
41912.656	49071.340	33.369	32.253	23.859
1.023				
12/31/2015 4:15:00 AM	2690100.000	71.218	17.369	160.425
41889.207	49036.305	33.345	32.227	23.872
1.023				
12/31/2015 4:30:00 AM	2691000.000	71.220	17.363	160.430
41907.996	49064.543	33.364	32.248	23.862
1.023				
12/31/2015 4:45:00 AM	2691900.000	71.228	17.367	160.449
41899.582	49050.469	33.354	32.238	23.867
1.023				
12/31/2015 5:00:00 AM	2692800.000	71.229	17.366	160.450
41893.973	49045.348	33.351	32.234	23.870
1.023				
12/31/2015 5:15:00 AM	2693700.000	71.233	17.363	160.460
41919.375	49078.441	33.373	32.258	23.855
1.023				
12/31/2015 5:30:00 AM	2694600.000	71.235	17.368	160.465
41911.738	49064.129	33.364	32.248	23.860
1.023				
12/31/2015 5:45:00 AM	2695500.000	71.238	17.364	160.471
41887.281	49040.098	33.347	32.230	23.874
1.023				
12/31/2015 6:00:00 AM	2696400.000	71.236	17.364	160.466
41888.273	49040.969	33.348	32.230	23.873
1.023				
12/31/2015 6:15:00 AM	2697300.000	71.244	17.363	160.483
41904.258	49060.836	33.361	32.245	23.864

1.023					
12/31/2015 6:30:00 AM	2698200.000	71.226	17.368	160.444	
41897.938	49047.488	33.352	32.235	23.868	
1.023					
12/31/2015 6:45:00 AM	2699100.000	71.226	17.372	160.443	
41878.289	49020.547	33.334	32.216	23.879	
1.023					
12/31/2015 7:00:00 AM	2700000.000	71.227	17.368	160.445	
41878.234	49024.910	33.337	32.219	23.879	
1.023					
12/31/2015 7:15:00 AM	2700900.000	71.239	17.363	160.474	
41897.422	49052.074	33.355	32.239	23.868	
1.023					
12/31/2015 7:30:00 AM	2701800.000	71.236	17.363	160.467	
41860.563	49009.008	33.326	32.207	23.889	
1.023					
12/31/2015 7:45:00 AM	2702700.000	71.234	17.367	160.461	
41895.414	49046.348	33.352	32.235	23.869	
1.023					
12/31/2015 8:00:00 AM	2703600.000	71.233	17.366	160.460	
41905.941	49059.645	33.361	32.244	23.863	
1.023					
12/31/2015 8:15:00 AM	2704500.000	71.216	17.365	160.420	
41913.684	49069.285	33.367	32.251	23.859	
1.023					
12/31/2015 8:30:00 AM	2705400.000	71.230	17.367	160.453	
41895.621	49046.316	33.351	32.235	23.869	
1.023					
12/31/2015 8:45:00 AM	2706300.000	71.212	17.369	160.412	
41931.094	49085.246	33.378	32.263	23.849	
1.023					
12/31/2015 9:00:00 AM	2707200.000	71.224	17.370	160.440	
41909.391	49059.262	33.360	32.244	23.861	
1.023					
12/31/2015 9:15:00 AM	2708100.000	71.220	17.369	160.430	
41903.148	49052.930	33.356	32.240	23.865	
1.023					
12/31/2015 9:30:00 AM	2709000.000	71.215	17.362	160.419	
41893.105	49049.027	33.353	32.236	23.870	
1.023					
12/31/2015 9:45:00 AM	2709900.000	71.215	17.366	160.419	
41895.895	49047.500	33.352	32.235	23.869	
1.023					
12/31/2015 10:00:00 AM	0.000	71.193	17.364	160.370	
41882.477	49034.184	33.343	32.225	23.876	
1.023					
12/31/2015 10:15:00 AM	900.000	71.209	17.364	160.405	
41910.855	49067.031	33.366	32.250	23.860	
1.023					
12/31/2015 10:30:00 AM	1800.000	71.206	17.367	160.399	
41895.414	49046.258	33.351	32.234	23.869	
1.023					
12/31/2015 10:45:00 AM	2700.000	71.209	17.369	160.405	
41910.117	49060.316	33.361	32.245	23.861	
1.023					

12/31/2015 11:00:00 AM	3600.000	71.209	17.369	160.405
41912.441	49063.887	33.363	32.248	23.859
1.023				
12/31/2015 11:15:00 AM	4500.000	71.212	17.364	160.412
41905.512	49060.672	33.361	32.245	23.863
1.023				
12/31/2015 11:30:00 AM	5400.000	71.200	17.364	160.384
41875.281	49025.664	33.337	32.219	23.880
1.023				
12/31/2015 11:45:00 AM	6300.000	71.209	17.368	160.405
41905.902	49056.813	33.359	32.242	23.863
1.023				
12/31/2015 12:00:00 PM	7200.000	71.212	17.362	160.412
41834.945	48980.078	33.306	32.186	23.903
1.023				
12/31/2015 12:15:00 PM	8100.000	71.215	17.367	160.418
41902.781	49054.797	33.357	32.241	23.865
1.023				
12/31/2015 12:30:00 PM	9000.000	71.216	17.361	160.421
41923.902	49085.469	33.378	32.263	23.853
1.023				
12/31/2015 12:45:00 PM	9900.000	71.204	17.364	160.393
41906.625	49062.746	33.363	32.246	23.863
1.023				
12/31/2015 1:00:00 PM	10800.000	71.219	17.367	160.427
41898.281	49049.145	33.353	32.237	23.867
1.023				
12/31/2015 1:15:00 PM	11700.000	71.220	17.365	160.429
41850.977	48995.871	33.317	32.197	23.894
1.023				
12/31/2015 1:30:00 PM	12600.000	71.224	17.368	160.438
41874.590	49020.250	33.334	32.215	23.881
1.023				
12/31/2015 1:45:00 PM	13500.000	71.224	17.370	160.438
41902.969	49051.352	33.355	32.238	23.865
1.023				
12/31/2015 2:00:00 PM	14400.000	71.229	17.369	160.451
41911.160	49062.105	33.362	32.246	23.860
1.023				
12/31/2015 2:15:00 PM	15300.000	71.229	17.366	160.451
41878.262	49026.957	33.338	32.220	23.879
1.023				
12/31/2015 2:30:00 PM	16200.000	71.231	17.368	160.455
41876.137	49022.258	33.335	32.217	23.880
1.023				
12/31/2015 2:45:00 PM	17100.000	71.235	17.369	160.465
41880.289	49025.672	33.337	32.220	23.878
1.023				
12/31/2015 3:00:00 PM	18000.000	71.238	17.367	160.471
41892.191	49041.906	33.348	32.231	23.871
1.023				
12/31/2015 3:15:00 PM	18900.000	71.238	17.361	160.471
41868.746	49020.996	33.334	32.216	23.884
1.023				
12/31/2015 3:30:00 PM	19800.000	71.239	17.365	160.472

41879.551	49029.520	33.340	32.222	23.878
1.023				
12/31/2015 3:45:00 PM	20700.000	71.242	17.367	160.480
41892.605	49043.059	33.349	32.232	23.871
1.023				
12/31/2015 4:00:00 PM	21600.000	71.237	17.364	160.469
41943.090	49105.246	33.392	32.278	23.842
1.023				
12/31/2015 4:15:00 PM	22500.000	71.237	17.363	160.468
41912.668	49070.398	33.368	32.252	23.859
1.023				
12/31/2015 4:30:00 PM	23400.000	71.237	17.362	160.469
41908.656	49066.465	33.365	32.249	23.861
1.023				
12/31/2015 4:45:00 PM	24300.000	71.237	17.363	160.468
41892.398	49046.762	33.352	32.235	23.871
1.023				
12/31/2015 5:00:00 PM	25200.000	71.235	17.364	160.463
41903.289	49057.977	33.359	32.243	23.864
1.023				
12/31/2015 5:15:00 PM	26100.000	71.233	17.366	160.460
41907.820	49061.559	33.362	32.246	23.862
1.023				
12/31/2015 5:30:00 PM	27000.000	71.230	17.365	160.452
41888.410	49039.793	33.347	32.230	23.873
1.023				
12/31/2015 5:45:00 PM	27900.000	71.229	17.367	160.449
41864.934	49009.906	33.327	32.208	23.886
1.023				
12/31/2015 6:00:00 PM	28800.000	71.222	17.367	160.434
41918.898	49073.750	33.370	32.255	23.856
1.023				
12/31/2015 6:15:00 PM	29700.000	71.220	17.362	160.430
41893.484	49049.184	33.353	32.236	23.870
1.023				
12/31/2015 6:30:00 PM	30600.000	71.216	17.364	160.421
41911.555	49068.227	33.366	32.250	23.860
1.023				
12/31/2015 6:45:00 PM	31500.000	71.211	17.364	160.409
41879.945	49031.398	33.341	32.223	23.878
1.023				
12/31/2015 7:00:00 PM	32400.000	71.208	17.361	160.403
41881.148	49035.992	33.344	32.227	23.877
1.023				
12/31/2015 7:15:00 PM	33300.000	71.200	17.367	160.386
41861.531	49006.207	33.324	32.205	23.888
1.023				
12/31/2015 7:30:00 PM	34200.000	71.178	17.366	160.336
41906.906	49060.391	33.361	32.245	23.862
1.023				
12/31/2015 7:45:00 PM	35100.000	71.186	17.362	160.353
41902.074	49058.758	33.360	32.243	23.865
1.023				
12/31/2015 8:00:00 PM	36000.000	71.181	17.371	160.342
41920.648	49071.387	33.369	32.253	23.855

1.023				
12/31/2015 8:15:00 PM	36900.000	71.170	17.369	160.318
41913.082	49063.867	33.363	32.248	23.859
1.023				
12/31/2015 8:30:00 PM	37800.000	71.170	17.367	160.318
41917.641	49071.609	33.369	32.253	23.856
1.023				
12/31/2015 8:45:00 PM	38700.000	71.159	17.366	160.292
41912.680	49066.664	33.365	32.249	23.859
1.023				
12/31/2015 9:00:00 PM	39600.000	71.157	17.367	160.288
41894.465	49044.871	33.351	32.233	23.870
1.023				
12/31/2015 9:15:00 PM	40500.000	71.149	17.368	160.270
41926.613	49081.348	33.375	32.260	23.851
1.023				
12/31/2015 9:30:00 PM	41400.000	71.145	17.362	160.262
41924.066	49085.273	33.378	32.263	23.853
1.023				
12/31/2015 9:45:00 PM	42300.000	71.127	17.367	160.220
41917.063	49071.023	33.368	32.253	23.857
1.023				
12/31/2015 10:00:00 PM	43200.000	71.133	17.362	160.235
41900.168	49057.402	33.359	32.242	23.866
1.023				
12/31/2015 10:15:00 PM	44100.000	71.130	17.369	160.228
41896.109	49044.191	33.350	32.233	23.869
1.023				
12/31/2015 10:30:00 PM	45000.000	71.127	17.365	160.221
41878.414	49027.801	33.339	32.221	23.879
1.023				
12/31/2015 10:45:00 PM	45900.000	71.124	17.362	160.214
41930.582	49092.816	33.383	32.268	23.849
1.023				
12/31/2015 11:00:00 PM	46800.000	71.122	17.363	160.209
41891.230	49044.914	33.351	32.233	23.871
1.023				
12/31/2015 11:15:00 PM	47700.000	71.124	17.364	160.214
41921.355	49079.609	33.374	32.259	23.854
1.023				
12/31/2015 11:30:00 PM	48600.000	71.121	17.364	160.207
41911.527	49067.816	33.366	32.250	23.860
1.023				
12/31/2015 11:45:00 PM	49500.000	71.106	17.365	160.173
41873.598	49022.055	33.335	32.217	23.881
1.023				
1/1/2016 12:00:00 AM	50400.000	71.126	17.362	160.219
41887.492	49042.453	33.349	32.231	23.873
1.023				
1/1/2016 12:15:00 AM	51300.000	71.121	17.373	160.208
41913.637	49060.586	33.361	32.245	23.859
1.023				
1/1/2016 12:30:00 AM	52200.000	71.131	17.364	160.230
41882.793	49034.734	33.344	32.226	23.876
1.023				

1/1/2016 12:45:00 AM	53100.000	71.131	17.360	160.229
41899.148	49057.441	33.359	32.242	23.867
1.023				
1/1/2016 1:00:00 AM	54000.000	71.119	17.364	160.203
41908.723	49064.816	33.364	32.248	23.861
1.023				
1/1/2016 1:15:00 AM	54900.000	71.140	17.363	160.249
41896.348	49051.574	33.355	32.238	23.868
1.023				
1/1/2016 1:30:00 AM	55800.000	71.143	17.367	160.256
41890.504	49039.840	33.347	32.230	23.872
1.023				
1/1/2016 1:45:00 AM	56700.000	71.131	17.365	160.230
41925.598	49082.930	33.376	32.261	23.852
1.023				
1/1/2016 2:00:00 AM	57600.000	71.154	17.367	160.280
41878.641	49026.234	33.338	32.220	23.879
1.023				
1/1/2016 2:15:00 AM	58500.000	71.157	17.366	160.289
41895.531	49046.586	33.352	32.235	23.869
1.023				
1/1/2016 2:30:00 AM	59400.000	71.165	17.367	160.305
41898.461	49049.246	33.353	32.237	23.867
1.023				
1/1/2016 2:45:00 AM	60300.000	71.166	17.363	160.307
41907.430	49064.457	33.364	32.248	23.862
1.023				
1/1/2016 3:00:00 AM	61200.000	71.176	17.363	160.332
41883.645	49036.320	33.345	32.227	23.876
1.023				
1/1/2016 3:15:00 AM	62100.000	71.183	17.366	160.346
41873.445	49021.684	33.335	32.216	23.881
1.023				
1/1/2016 3:30:00 AM	63000.000	71.186	17.366	160.353
41895.676	49047.707	33.352	32.235	23.869
1.023				
1/1/2016 3:45:00 AM	63900.000	71.193	17.368	160.369
41862.551	49006.445	33.324	32.205	23.888
1.023				
1/1/2016 4:00:00 AM	64800.000	71.189	17.357	160.361
41898.266	49059.770	33.361	32.244	23.867
1.023				
1/1/2016 4:15:00 AM	65700.000	71.206	17.369	160.399
41884.688	49031.016	33.341	32.223	23.875
1.023				
1/1/2016 4:30:00 AM	66600.000	71.216	17.367	160.421
41888.410	49037.094	33.345	32.228	23.873
1.023				
1/1/2016 4:45:00 AM	67500.000	71.221	17.370	160.432
41925.953	49077.789	33.373	32.258	23.852
1.023				
1/1/2016 5:00:00 AM	68400.000	71.214	17.362	160.418
41896.918	49052.914	33.356	32.239	23.868
1.023				
1/1/2016 5:15:00 AM	69300.000	71.229	17.364	160.449

41906.789	49062.555	33.363	32.246	23.862
1.023				
1/1/2016 5:30:00 AM	70200.000	71.235	17.363	160.465
41927.184	49087.484	33.379	32.264	23.851
1.023				
1/1/2016 5:45:00 AM	71100.000	71.241	17.365	160.476
41918.891	49075.281	33.371	32.256	23.856
1.023				
1/1/2016 6:00:00 AM	72000.000	71.241	17.360	160.478
41906.031	49066.188	33.365	32.249	23.863
1.023				
1/1/2016 6:15:00 AM	72900.000	71.226	17.366	160.445
41887.336	49036.992	33.345	32.228	23.874
1.023				
1/1/2016 6:30:00 AM	73800.000	71.244	17.367	160.484
41926.949	49082.992	33.376	32.261	23.851
1.023				
1/1/2016 6:45:00 AM	74700.000	71.248	17.361	160.493
41906.098	49065.203	33.364	32.248	23.863
1.023				
1/1/2016 7:00:00 AM	75600.000	71.227	17.367	160.446
41904.609	49056.746	33.359	32.242	23.864
1.023				
1/1/2016 7:15:00 AM	76500.000	71.247	17.358	160.492
41892.586	49051.883	33.355	32.238	23.871
1.023				
1/1/2016 7:30:00 AM	77400.000	71.244	17.360	160.483
41911.078	49071.410	33.369	32.253	23.860
1.023				
1/1/2016 7:45:00 AM	78300.000	71.247	17.362	160.491
41854.758	49004.238	33.323	32.203	23.892
1.023				
1/1/2016 8:00:00 AM	79200.000	71.244	17.374	160.483
41908.738	49054.273	33.357	32.241	23.861
1.023				
1/1/2016 8:15:00 AM	80100.000	71.241	17.367	160.478
41907.207	49059.594	33.361	32.244	23.862
1.023				
1/1/2016 8:30:00 AM	81000.000	71.239	17.364	160.474
41885.773	49037.664	33.346	32.228	23.874
1.023				
1/1/2016 8:45:00 AM	81900.000	71.237	17.364	160.469
41873.648	49024.027	33.336	32.218	23.881
1.023				
1/1/2016 9:00:00 AM	82800.000	71.229	17.367	160.450
41914.941	49068.152	33.366	32.251	23.858
1.023				
1/1/2016 9:15:00 AM	83700.000	71.231	17.366	160.454
41906.684	49060.410	33.361	32.245	23.863
1.023				
1/1/2016 9:30:00 AM	84600.000	71.207	17.365	160.401
41886.613	49037.492	33.345	32.228	23.874
1.023				
1/1/2016 9:45:00 AM	85500.000	71.221	17.366	160.433
41914.129	49068.742	33.367	32.251	23.858

1.023				
1/1/2016 10:00:00 AM	86400.000	71.203	17.369	160.391
41895.855	49044.582	33.350	32.233	23.869
1.023				
1/1/2016 10:15:00 AM	87300.000	71.215	17.364	160.419
41862.508	49011.094	33.328	32.208	23.888
1.023				
1/1/2016 10:30:00 AM	88200.000	71.213	17.369	160.413
41887.375	49034.465	33.343	32.226	23.874
1.023				
1/1/2016 10:45:00 AM	89100.000	71.209	17.366	160.406
41883.676	49032.707	33.342	32.225	23.876
1.023				
1/1/2016 11:00:00 AM	90000.000	71.208	17.368	160.402
41843.219	48983.523	33.309	32.189	23.899
1.023				
1/1/2016 11:15:00 AM	90900.000	71.205	17.372	160.397
41943.508	49096.504	33.386	32.272	23.842
1.023				
1/1/2016 11:30:00 AM	91800.000	71.202	17.371	160.390
41916.688	49066.848	33.365	32.250	23.857
1.023				
1/1/2016 11:45:00 AM	92700.000	71.199	17.369	160.384
41905.434	49055.875	33.358	32.242	23.863
1.023				
1/1/2016 12:00:00 PM	93600.000	71.199	17.364	160.383
41897.055	49050.965	33.355	32.238	23.868
1.023				
1/1/2016 12:15:00 PM	94500.000	71.202	17.364	160.390
41876.801	49026.965	33.338	32.220	23.880
1.023				
1/1/2016 12:30:00 PM	95400.000	71.200	17.365	160.384
41879.129	49029.301	33.340	32.222	23.878
1.023				
1/1/2016 12:45:00 PM	96300.000	71.198	17.369	160.380
41932.758	49087.004	33.379	32.265	23.848
1.023				
1/1/2016 1:00:00 PM	97200.000	71.198	17.362	160.381
41879.172	49032.043	33.342	32.224	23.878
1.023				
1/1/2016 1:15:00 PM	98100.000	71.201	17.366	160.386
41882.984	49032.770	33.342	32.225	23.876
1.023				
1/1/2016 1:30:00 PM	99000.000	71.201	17.367	160.388
41905.520	49057.813	33.359	32.243	23.863
1.023				
1/1/2016 1:45:00 PM	99900.000	71.199	17.365	160.383
41887.184	49037.957	33.346	32.228	23.874
1.023				
1/1/2016 2:00:00 PM	100800.000	71.203	17.363	160.392
41933.227	49093.992	33.384	32.269	23.847
1.023				
1/1/2016 2:15:00 PM	101700.000	71.200	17.362	160.386
41875.516	49028.148	33.339	32.221	23.880
1.023				

1/1/2016 2:30:00 PM 41931.570 1.023	102600.000 49091.473	71.206 33.382	17.364 32.267	160.398 23.848
1/1/2016 2:45:00 PM 41903.809 1.023	103500.000 49060.219	71.207 33.361	17.363 32.244	160.400 23.864
1/1/2016 3:00:00 PM 41905.727 1.023	104400.000 49059.586	71.207 33.361	17.365 32.244	160.400 23.863
1/1/2016 3:15:00 PM 41874.531 1.023	105300.000 49027.770	71.194 33.339	17.361 32.221	160.371 23.881
1/1/2016 3:30:00 PM 41913.145 1.023	106200.000 49069.805	71.207 33.367	17.364 32.252	160.400 23.859
1/1/2016 3:45:00 PM 41883.219 1.023	107100.000 49041.395	71.211 33.348	17.358 32.230	160.410 23.876
1/1/2016 4:00:00 PM 41865.121 1.023	108000.000 49010.883	71.212 33.327	17.367 32.209	160.411 23.886
1/1/2016 4:15:00 PM 41931.988 1.023	108900.000 49090.035	71.211 33.381	17.366 32.267	160.409 23.848
1/1/2016 4:30:00 PM 41882.484 1.023	109800.000 49030.074	71.215 33.340	17.368 32.223	160.419 23.876
1/1/2016 4:45:00 PM 41894.098 1.023	110700.000 49046.051	71.217 33.351	17.365 32.234	160.423 23.870
1/1/2016 5:00:00 PM 41916.641 1.023	111600.000 49071.977	71.197 33.369	17.366 32.253	160.378 23.857
1/1/2016 5:15:00 PM 41885.762 1.023	112500.000 49030.648	71.216 33.341	17.371 32.223	160.421 23.874
1/1/2016 5:30:00 PM 41892.340 1.023	113400.000 49038.637	71.217 33.346	17.370 32.229	160.424 23.871
1/1/2016 5:45:00 PM 41925.313 1.023	114300.000 49081.836	71.218 33.376	17.366 32.261	160.425 23.852
1/1/2016 6:00:00 PM 41858.852 1.023	115200.000 49003.840	71.216 33.323	17.366 32.203	160.421 23.890
1/1/2016 6:15:00 PM 41913.648 1.023	116100.000 49069.438	71.213 33.367	17.365 32.251	160.415 23.859
1/1/2016 6:30:00 PM 41903.605 1.023	117000.000 49054.414	71.212 33.357	17.368 32.241	160.411 23.864
1/1/2016 6:45:00 PM 41887.363 1.023	117900.000 49037.977	71.206 33.346	17.366 32.228	160.398 23.874
1/1/2016 7:00:00 PM	118800.000	71.206	17.364	160.398

41917.984 1.023	49075.754	33.372	32.256	23.856
1/1/2016 7:15:00 PM 41839.766 1.023	119700.000 48987.152	71.207 33.311	17.361 32.191	160.400 23.901
1/1/2016 7:30:00 PM 41859.383 1.023	120600.000 49003.305	71.201 33.322	17.367 32.203	160.388 23.890
1/1/2016 7:45:00 PM 41907.406 1.023	121500.000 49066.262	71.199 33.365	17.361 32.249	160.384 23.862
1/1/2016 8:00:00 PM 41903.063 1.023	122400.000 49057.234	71.193 33.359	17.365 32.242	160.370 23.865
1/1/2016 8:15:00 PM 41883.172 1.023	123300.000 49033.563	71.189 33.343	17.365 32.225	160.361 23.876
1/1/2016 8:30:00 PM 41913.602 1.023	124200.000 49070.145	71.172 33.368	17.364 32.252	160.322 23.859
1/1/2016 8:45:00 PM 41881.059 1.023	125100.000 49030.129	71.182 33.340	17.366 32.223	160.344 23.877
1/1/2016 9:00:00 PM 41896.762 1.023	126000.000 49048.320	71.176 33.353	17.366 32.236	160.330 23.868
1/1/2016 9:15:00 PM 41883.977 1.023	126900.000 49034.602	71.176 33.344	17.365 32.226	160.331 23.875
1/1/2016 9:30:00 PM 41878.434 1.023	127800.000 49023.996	71.167 33.336	17.369 32.218	160.311 23.879
1/1/2016 9:45:00 PM 41921.480 1.023	128700.000 49080.328	71.165 33.375	17.363 32.259	160.305 23.854
1/1/2016 10:00:00 PM 41896.496 1.023	129600.000 49046.754	71.145 33.352	17.367 32.235	160.261 23.868
1/1/2016 10:15:00 PM 41900.570 1.023	130500.000 49051.523	71.155 33.355	17.367 32.238	160.284 23.866
1/1/2016 10:30:00 PM 41908.813 1.023	131400.000 49065.410	71.153 33.364	17.363 32.248	160.280 23.861
1/1/2016 10:45:00 PM 41901.559 1.023	132300.000 49052.215	71.152 33.356	17.368 32.239	160.276 23.865
1/1/2016 11:00:00 PM 41864.840 1.023	133200.000 49011.242	71.136 33.328	17.366 32.209	160.241 23.886
1/1/2016 11:15:00 PM 41905.902 1.023	134100.000 49060.074	71.149 33.361	17.365 32.245	160.271 23.863
1/1/2016 11:30:00 PM 41898.895	135000.000 49051.203	71.146 33.355	17.366 32.238	160.264 23.867

1.023				
1/1/2016 11:45:00 PM	135900.000	71.145	17.364	160.260
41896.582	49050.879	33.355	32.238	23.868
1.023				
1/2/2016 12:00:00 AM	136800.000	71.145	17.364	160.262
41933.043	49093.008	33.383	32.269	23.848
1.023				
1/2/2016 12:15:00 AM	137700.000	71.148	17.367	160.269
41895.156	49046.047	33.351	32.234	23.869
1.023				
1/2/2016 12:30:00 AM	138600.000	71.145	17.363	160.262
41885.383	49038.453	33.346	32.229	23.875
1.023				
1/2/2016 12:45:00 AM	139500.000	71.134	17.368	160.236
41915.316	49067.832	33.366	32.250	23.858
1.023				
1/2/2016 1:00:00 AM	140400.000	71.134	17.363	160.237
41886.992	49040.238	33.347	32.230	23.874
1.023				
1/2/2016 1:15:00 AM	141300.000	71.154	17.362	160.282
41898.266	49054.117	33.357	32.240	23.867
1.023				
1/2/2016 1:30:00 AM	142200.000	71.158	17.365	160.290
41865.707	49013.695	33.329	32.210	23.886
1.023				
1/2/2016 1:45:00 AM	143100.000	71.146	17.364	160.264
41865.074	49013.715	33.329	32.210	23.886
1.023				
1/2/2016 2:00:00 AM	144000.000	71.167	17.364	160.311
41924.793	49083.441	33.377	32.262	23.852
1.023				
1/2/2016 2:15:00 AM	144900.000	71.172	17.358	160.321
41877.262	49034.309	33.343	32.225	23.879
1.023				
1/2/2016 2:30:00 AM	145800.000	71.178	17.363	160.336
41886.691	49040.371	33.347	32.230	23.874
1.023				
1/2/2016 2:45:00 AM	146700.000	71.183	17.369	160.346
41889.832	49037.039	33.345	32.228	23.872
1.023				
1/2/2016 3:00:00 AM	147600.000	71.191	17.363	160.364
41911.418	49068.934	33.367	32.251	23.860
1.023				
1/2/2016 3:15:00 AM	148500.000	71.195	17.359	160.374
41928.691	49093.676	33.384	32.269	23.850
1.023				
1/2/2016 3:30:00 AM	149400.000	71.205	17.367	160.397
41891.270	49041.223	33.348	32.231	23.871
1.023				
1/2/2016 3:45:00 AM	150300.000	71.214	17.365	160.415
41925.051	49083.172	33.377	32.261	23.852
1.023				
1/2/2016 4:00:00 AM	151200.000	71.205	17.361	160.396
41917.020	49077.797	33.373	32.257	23.857
1.023				

1/2/2016 4:15:00 AM 41924.172 1.023	152100.000 49080.117	71.224 33.374	17.366 32.259	160.438 23.853
1/2/2016 4:30:00 AM 41861.371 1.023	153000.000 49011.871	71.231 33.328	17.362 32.209	160.455 23.888
1/2/2016 4:45:00 AM 41869.539 1.023	153900.000 49016.836	71.238 33.331	17.366 32.213	160.470 23.884
1/2/2016 5:00:00 AM 41911.777 1.023	154800.000 49064.367	71.244 33.364	17.368 32.248	160.485 23.860
1/2/2016 5:15:00 AM 41891.336 1.023	155700.000 49043.594	71.254 33.350	17.365 32.232	160.507 23.871
1/2/2016 5:30:00 AM 41891.883 1.023	156600.000 49047.309	71.257 33.352	17.362 32.235	160.514 23.871
1/2/2016 5:45:00 AM 41874.609 1.023	157500.000 49022.773	71.262 33.335	17.366 32.217	160.526 23.881
1/2/2016 6:00:00 AM 41898.672 1.023	158400.000 49055.352	71.267 33.358	17.362 32.241	160.536 23.867
1/2/2016 6:15:00 AM 41886.762 1.023	159300.000 49037.465	71.270 33.345	17.365 32.228	160.542 23.874
1/2/2016 6:30:00 AM 41915.621 1.023	160200.000 49073.664	71.277 33.370	17.363 32.254	160.558 23.857
1/2/2016 6:45:00 AM 41910.539 1.023	161100.000 49060.891	71.279 33.361	17.369 32.245	160.564 23.860
1/2/2016 7:00:00 AM 41946.488 1.023	162000.000 49106.730	71.283 33.393	17.366 32.279	160.572 23.840
1/2/2016 7:15:00 AM 41881.539 1.023	162900.000 49034.719	71.282 33.344	17.362 32.226	160.571 23.877
1/2/2016 7:30:00 AM 41885.266 1.023	163800.000 49037.547	71.284 33.346	17.364 32.228	160.573 23.875
1/2/2016 7:45:00 AM 41914.496 1.023	164700.000 49068.125	71.288 33.366	17.367 32.251	160.584 23.858
1/2/2016 8:00:00 AM 41880.551 1.023	165600.000 49025.602	71.286 33.337	17.370 32.220	160.579 23.877
1/2/2016 8:15:00 AM 41893.078 1.023	166500.000 49041.504	71.284 33.348	17.368 32.231	160.575 23.870
1/2/2016 8:30:00 AM 41869.793 1.023	167400.000 49012.434	71.284 33.328	17.370 32.210	160.575 23.884
1/2/2016 8:45:00 AM	168300.000	71.285	17.357	160.577

41903.555 1.023	49066.156	33.365	32.249	23.864
1/2/2016 9:00:00 AM 41847.328 1.023	169200.000 48991.023	71.285 33.314	17.366 32.194	160.576 23.896
1/2/2016 9:15:00 AM 41914.539 1.023	170100.000 49071.148	71.275 33.368	17.364 32.253	160.555 23.858
1/2/2016 9:30:00 AM 41937.328 1.023	171000.000 49098.398	71.274 33.387	17.364 32.273	160.551 23.845
1/2/2016 9:45:00 AM 41908.840 1.023	171900.000 49066.973	71.275 33.366	17.362 32.249	160.553 23.861
1/2/2016 10:00:00 AM 41958.672 1.023	172800.000 49122.531	71.267 33.403	17.365 32.290	160.535 23.833
1/2/2016 10:15:00 AM 41894.781 1.023	173700.000 49053.969	71.262 33.357	17.359 32.240	160.525 23.869
1/2/2016 10:30:00 AM 41894.422 1.023	174600.000 49047.121	71.257 33.352	17.365 32.235	160.514 23.870
1/2/2016 10:45:00 AM 41887.688 1.023	175500.000 49040.281	71.257 33.347	17.364 32.230	160.514 23.873
1/2/2016 11:00:00 AM 41870.375 1.023	176400.000 49023.668	71.251 33.336	17.360 32.218	160.501 23.883
1/2/2016 11:15:00 AM 41879.977 1.023	177300.000 49032.316	71.251 33.342	17.363 32.224	160.500 23.878
1/2/2016 11:30:00 AM 41895.102 1.023	178200.000 49052.035	71.246 33.355	17.361 32.238	160.488 23.869
1/2/2016 11:45:00 AM 41897.168 1.023	179100.000 49047.840	71.242 33.353	17.367 32.236	160.480 23.868
1/2/2016 12:00:00 PM 41898.281 1.023	180000.000 49055.086	71.223 33.357	17.362 32.241	160.438 23.867
1/2/2016 12:15:00 PM 41896.719 1.023	180900.000 49051.430	71.237 33.355	17.363 32.238	160.468 23.868
1/2/2016 12:30:00 PM 41942.426 1.023	181800.000 49098.137	71.235 33.387	17.369 32.273	160.464 23.842
1/2/2016 12:45:00 PM 41895.258 1.023	182700.000 49051.070	71.231 33.355	17.362 32.238	160.454 23.869
1/2/2016 1:00:00 PM 41927.105 1.023	183600.000 49081.055	71.227 33.375	17.369 32.260	160.445 23.851
1/2/2016 1:15:00 PM 41878.223	184500.000 49035.434	71.230 33.344	17.358 32.226	160.453 23.879

1.023				
1/2/2016 1:30:00 PM	185400.000	71.225	17.360	160.441
41881.082	49036.781	33.345	32.227	23.877
1.023				
1/2/2016 1:45:00 PM	186300.000	71.223	17.363	160.437
41900.461	49055.633	33.358	32.241	23.866
1.023				
1/2/2016 2:00:00 PM	187200.000	71.222	17.364	160.435
41915.152	49072.621	33.369	32.254	23.858
1.023				
1/2/2016 2:15:00 PM	188100.000	71.208	17.356	160.402
41884.844	49045.688	33.351	32.233	23.875
1.023				
1/2/2016 2:30:00 PM	189000.000	71.220	17.362	160.430
41885.051	49039.703	33.347	32.229	23.875
1.023				
1/2/2016 2:45:00 PM	189900.000	71.220	17.362	160.430
41879.211	49031.805	33.342	32.224	23.878
1.023				
1/2/2016 3:00:00 PM	190800.000	71.207	17.364	160.400
41904.457	49059.918	33.361	32.244	23.864
1.023				
1/2/2016 3:15:00 PM	191700.000	71.220	17.364	160.429
41906.289	49061.969	33.362	32.246	23.863
1.023				
1/2/2016 3:30:00 PM	192600.000	71.224	17.367	160.438
41899.578	49050.555	33.354	32.238	23.867
1.023				
1/2/2016 3:45:00 PM	193500.000	71.224	17.364	160.440
41903.875	49058.574	33.360	32.243	23.864
1.023				
1/2/2016 4:00:00 PM	194400.000	71.224	17.368	160.438
41922.652	49076.230	33.372	32.257	23.853
1.023				
1/2/2016 4:15:00 PM	195300.000	71.226	17.361	160.443
41903.387	49061.555	33.362	32.245	23.864
1.023				
1/2/2016 4:30:00 PM	196200.000	71.231	17.365	160.455
41911.191	49066.266	33.365	32.249	23.860
1.023				
1/2/2016 4:45:00 PM	197100.000	71.230	17.361	160.452
41898.297	49055.773	33.358	32.241	23.867
1.023				
1/2/2016 5:00:00 PM	198000.000	71.228	17.359	160.449
41922.410	49086.023	33.378	32.263	23.854
1.023				
1/2/2016 5:15:00 PM	198900.000	71.231	17.362	160.455
41905.039	49062.613	33.363	32.246	23.863
1.023				
1/2/2016 5:30:00 PM	199800.000	71.230	17.363	160.453
41897.566	49052.813	33.356	32.239	23.868
1.023				
1/2/2016 5:45:00 PM	200700.000	71.235	17.363	160.463
41919.086	49078.004	33.373	32.258	23.855
1.023				

1/2/2016 6:00:00 PM 41919.750 1.023	201600.000 49077.820	71.232 33.373	17.364 32.257	160.458 23.855
1/2/2016 6:15:00 PM 41899.430 1.023	202500.000 49056.539	71.233 33.358	17.362 32.242	160.459 23.867
1/2/2016 6:30:00 PM 41877.891 1.023	203400.000 49031.789	71.234 33.342	17.361 32.224	160.461 23.879
1/2/2016 6:45:00 PM 41906.645 1.023	204300.000 49057.293	71.236 33.359	17.369 32.243	160.467 23.863
1/2/2016 7:00:00 PM 41895.133 1.023	205200.000 49050.730	71.234 33.354	17.362 32.237	160.461 23.869
1/2/2016 7:15:00 PM 41919.531 1.023	206100.000 49081.223	71.233 33.375	17.360 32.260	160.459 23.855
1/2/2016 7:30:00 PM 41895.020 1.023	207000.000 49049.930	71.228 33.354	17.363 32.237	160.449 23.869
1/2/2016 7:45:00 PM 41884.227 1.023	207900.000 49041.801	71.231 33.348	17.359 32.231	160.455 23.875
1/2/2016 8:00:00 PM 41884.883 1.023	208800.000 49034.230	71.227 33.343	17.366 32.226	160.445 23.875
1/2/2016 8:15:00 PM 41904.129 1.023	209700.000 49057.715	71.226 33.359	17.365 32.243	160.443 23.864
1/2/2016 8:30:00 PM 41863.629 1.023	210600.000 49010.109	71.221 33.327	17.366 32.208	160.432 23.887
1/2/2016 8:45:00 PM 41885.844 1.023	211500.000 49040.910	71.216 33.348	17.361 32.230	160.422 23.874
1/2/2016 9:00:00 PM 41878.750 1.023	212400.000 49036.254	71.216 33.345	17.358 32.227	160.422 23.878
1/2/2016 9:15:00 PM 41939.477 1.023	213300.000 49098.621	71.213 33.387	17.366 32.273	160.414 23.844
1/2/2016 9:30:00 PM 41921.773 1.023	214200.000 49074.527	71.206 33.371	17.369 32.255	160.398 23.854
1/2/2016 9:45:00 PM 41892.566 1.023	215100.000 49044.656	71.208 33.350	17.365 32.233	160.403 23.871
1/2/2016 10:00:00 PM 41874.621 1.023	216000.000 49022.594	71.206 33.335	17.366 32.217	160.398 23.881
1/2/2016 10:15:00 PM 41922.176 1.023	216900.000 49077.203	71.197 33.373	17.367 32.257	160.379 23.854
1/2/2016 10:30:00 PM	217800.000	71.199	17.360	160.383

41868.445	49021.688	33.335	32.216	23.884
1.023				
1/2/2016 10:45:00 PM	218700.000	71.193	17.367	160.369
41899.637	49050.926	33.355	32.238	23.867
1.023				
1/2/2016 11:00:00 PM	219600.000	71.193	17.363	160.369
41927.871	49088.484	33.380	32.265	23.850
1.023				
1/2/2016 11:15:00 PM	220500.000	71.192	17.368	160.367
41901.395	49052.211	33.356	32.239	23.866
1.023				
1/2/2016 11:30:00 PM	221400.000	71.189	17.366	160.360
41922.617	49078.785	33.374	32.258	23.853
1.023				
1/2/2016 11:45:00 PM	222300.000	71.185	17.364	160.352
41851.195	48997.559	33.318	32.199	23.894
1.023				
1/3/2016 12:00:00 AM	223200.000	71.184	17.363	160.350
41914.672	49072.938	33.370	32.254	23.858
1.023				
1/3/2016 12:15:00 AM	224100.000	71.187	17.368	160.356
41904.363	49055.203	33.358	32.241	23.864
1.023				
1/3/2016 12:30:00 AM	225000.000	71.187	17.359	160.357
41897.336	49057.250	33.359	32.242	23.868
1.023				
1/3/2016 12:45:00 AM	225900.000	71.188	17.365	160.358
41888.371	49039.457	33.347	32.229	23.873
1.023				
1/3/2016 1:00:00 AM	226800.000	71.186	17.369	160.354
41913.250	49064.645	33.364	32.248	23.859
1.023				
1/3/2016 1:15:00 AM	227700.000	71.188	17.359	160.358
41880.797	49037.203	33.345	32.227	23.877
1.023				
1/3/2016 1:30:00 AM	228600.000	71.194	17.357	160.371
41882.262	49041.887	33.348	32.231	23.876
1.023				
1/3/2016 1:45:00 AM	229500.000	71.194	17.364	160.372
41925.820	49085.027	33.378	32.263	23.852
1.023				
1/3/2016 2:00:00 AM	230400.000	71.196	17.362	160.377
41908.496	49066.277	33.365	32.249	23.862
1.023				
1/3/2016 2:15:00 AM	231300.000	71.201	17.365	160.388
41928.641	49086.410	33.379	32.264	23.850
1.023				
1/3/2016 2:30:00 AM	232200.000	71.209	17.357	160.406
41940.063	49109.008	33.394	32.280	23.844
1.023				
1/3/2016 2:45:00 AM	233100.000	71.212	17.366	160.411
41903.543	49056.078	33.358	32.242	23.864
1.023				
1/3/2016 3:00:00 AM	234000.000	71.215	17.368	160.418
41911.992	49064.426	33.364	32.248	23.860

1.023				
1/3/2016 3:15:00 AM	234900.000	71.222	17.369	160.436
41890.082	49037.238	33.345	32.228	23.872
1.023				
1/3/2016 3:30:00 AM	235800.000	71.227	17.367	160.446
41888.383	49037.844	33.346	32.228	23.873
1.023				
1/3/2016 3:45:00 AM	236700.000	71.238	17.365	160.470
41906.289	49060.820	33.361	32.245	23.863
1.023				
1/3/2016 4:00:00 AM	237600.000	71.226	17.365	160.445
41888.746	49040.754	33.348	32.230	23.873
1.023				
1/3/2016 4:15:00 AM	238500.000	71.252	17.363	160.501
41912.172	49069.344	33.367	32.251	23.859
1.023				
1/3/2016 4:30:00 AM	239400.000	71.258	17.363	160.516
41917.102	49075.297	33.371	32.256	23.857
1.023				
1/3/2016 4:45:00 AM	240300.000	71.269	17.365	160.541
41879.945	49030.172	33.341	32.223	23.878
1.023				
1/3/2016 5:00:00 AM	241200.000	71.273	17.367	160.549
41898.133	49049.531	33.354	32.237	23.867
1.023				
1/3/2016 5:15:00 AM	242100.000	71.277	17.361	160.558
41927.449	49090.395	33.381	32.266	23.851
1.023				
1/3/2016 5:30:00 AM	243000.000	71.268	17.361	160.539
41886.594	49041.789	33.348	32.231	23.874
1.023				
1/3/2016 5:45:00 AM	243900.000	71.293	17.365	160.595
41895.980	49049.031	33.353	32.236	23.869
1.023				
1/3/2016 6:00:00 AM	244800.000	71.299	17.362	160.608
41894.559	49050.535	33.354	32.237	23.869
1.023				
1/3/2016 6:15:00 AM	245700.000	71.307	17.362	160.625
41902.113	49058.621	33.360	32.243	23.865
1.023				
1/3/2016 6:30:00 AM	246600.000	71.312	17.361	160.638
41919.984	49081.367	33.375	32.260	23.855
1.023				
1/3/2016 6:45:00 AM	247500.000	71.319	17.361	160.652
41872.078	49025.078	33.337	32.219	23.882
1.023				
1/3/2016 7:00:00 AM	248400.000	71.322	17.360	160.660
41902.793	49062.477	33.362	32.246	23.865
1.023				
1/3/2016 7:15:00 AM	249300.000	71.323	17.362	160.662
41899.176	49055.465	33.358	32.241	23.867
1.023				
1/3/2016 7:30:00 AM	250200.000	71.324	17.365	160.663
41902.547	49056.824	33.359	32.242	23.865
1.023				

1/3/2016 7:45:00 AM 41899.035 1.023	251100.000 49050.883	71.325 33.355	17.366 32.238	160.667 23.867
1/3/2016 8:00:00 AM 41912.328 1.023	252000.000 49065.480	71.315 33.365	17.367 32.249	160.643 23.859
1/3/2016 8:15:00 AM 41911.258 1.023	252900.000 49069.703	71.333 33.367	17.362 32.251	160.683 23.860
1/3/2016 8:30:00 AM 41873.484 1.023	253800.000 49027.117	71.333 33.338	17.361 32.220	160.684 23.881
1/3/2016 8:45:00 AM 41849.086 1.023	254700.000 48997.297	71.331 33.318	17.362 32.198	160.681 23.895
1/3/2016 9:00:00 AM 41884.703 1.023	255600.000 49039.957	71.328 33.347	17.361 32.230	160.673 23.875
1/3/2016 9:15:00 AM 41940.363 1.023	256500.000 49103.973	71.328 33.391	17.362 32.277	160.674 23.843
1/3/2016 9:30:00 AM 41912.879 1.023	257400.000 49072.754	71.325 33.369	17.361 32.254	160.666 23.859
1/3/2016 9:45:00 AM 41921.266 1.023	258300.000 49075.559	71.319 33.371	17.367 32.256	160.652 23.854
1/3/2016 10:00:00 AM 41942.000 1.023	259200.000 49099.070	71.313 33.387	17.368 32.273	160.639 23.842
1/3/2016 10:15:00 AM 41889.988 1.023	260100.000 49038.941	71.317 33.346	17.367 32.229	160.648 23.872
1/3/2016 10:30:00 AM 41907.012 1.023	261000.000 49064.453	71.312 33.364	17.362 32.248	160.637 23.862
1/3/2016 10:45:00 AM 41903.777 1.023	261900.000 49059.301	71.306 33.360	17.364 32.244	160.624 23.864
1/3/2016 11:00:00 AM 41910.258 1.023	262800.000 49063.164	71.302 33.363	17.367 32.247	160.616 23.861
1/3/2016 11:15:00 AM 41876.789 1.023	263700.000 49025.789	71.296 33.338	17.365 32.219	160.601 23.880
1/3/2016 11:30:00 AM 41906.922 1.023	264600.000 49061.465	71.295 33.362	17.365 32.246	160.599 23.862
1/3/2016 11:45:00 AM 41864.996 1.023	265500.000 49010.371	71.289 33.327	17.367 32.208	160.585 23.886
1/3/2016 12:00:00 PM 41881.637 1.023	266400.000 49027.543	71.287 33.339	17.369 32.221	160.581 23.877
1/3/2016 12:15:00 PM	267300.000	71.287	17.365	160.580

41905.109 1.023	49059.055	33.360	32.244	23.863
1/3/2016 12:30:00 PM 41893.402 1.023	268200.000 49040.262	71.280 33.347	17.370 32.230	160.566 23.870
1/3/2016 12:45:00 PM 41881.188 1.023	269100.000 49031.625	71.273 33.342	17.365 32.224	160.550 23.877
1/3/2016 1:00:00 PM 41871.645 1.023	270000.000 49016.707	71.270 33.331	17.368 32.213	160.542 23.883
1/3/2016 1:15:00 PM 41897.016 1.023	270900.000 49047.086	71.265 33.352	17.368 32.235	160.532 23.868
1/3/2016 1:30:00 PM 41895.141 1.023	271800.000 49041.238	71.263 33.348	17.371 32.231	160.527 23.869
1/3/2016 1:45:00 PM 41927.742 1.023	272700.000 49077.867	71.262 33.373	17.372 32.258	160.526 23.851
1/3/2016 2:00:00 PM 41906.887 1.023	273600.000 49060.266	71.259 33.361	17.366 32.245	160.517 23.862
1/3/2016 2:15:00 PM 41885.969 1.023	274500.000 49036.645	71.254 33.345	17.365 32.227	160.507 23.874
1/3/2016 2:30:00 PM 41896.094 1.023	275400.000 49042.352	71.256 33.349	17.371 32.232	160.511 23.869
1/3/2016 2:45:00 PM 41890.387 1.023	276300.000 49043.066	71.252 33.349	17.364 32.232	160.502 23.872
1/3/2016 3:00:00 PM 41906.117 1.023	277200.000 49058.117	71.250 33.360	17.367 32.243	160.497 23.863
1/3/2016 3:15:00 PM 41906.941 1.023	278100.000 49054.664	71.249 33.357	17.371 32.241	160.495 23.862
1/3/2016 3:30:00 PM 41889.262 1.023	279000.000 49038.477	71.251 33.346	17.367 32.229	160.500 23.872
1/3/2016 3:45:00 PM 41903.148 1.023	279900.000 49052.156	71.249 33.355	17.369 32.239	160.494 23.865
1/3/2016 4:00:00 PM 41935.137 1.023	280800.000 49085.566	71.252 33.378	17.373 32.264	160.501 23.846
1/3/2016 4:15:00 PM 41893.945 1.023	281700.000 49040.414	71.256 33.347	17.370 32.230	160.510 23.870
1/3/2016 4:30:00 PM 41873.465 1.023	282600.000 49025.266	71.257 33.337	17.362 32.219	160.514 23.881
1/3/2016 4:45:00 PM 41908.789	283500.000 49064.133	71.254 33.364	17.365 32.247	160.506 23.861

1.023				
1/3/2016 5:00:00 PM	284400.000	71.255	17.362	160.509
41824.980	48968.883	33.299	32.177	23.909
1.023				
1/3/2016 5:15:00 PM	285300.000	71.262	17.368	160.524
41913.961	49066.055	33.365	32.249	23.858
1.023				
1/3/2016 5:30:00 PM	286200.000	71.265	17.365	160.532
41888.523	49040.406	33.347	32.230	23.873
1.023				
1/3/2016 5:45:00 PM	287100.000	71.249	17.364	160.495
41891.953	49045.094	33.351	32.233	23.871
1.023				
1/3/2016 6:00:00 PM	288000.000	71.270	17.362	160.544
41843.633	48990.250	33.313	32.193	23.898
1.023				
1/3/2016 6:15:00 PM	288900.000	71.271	17.369	160.545
41941.152	49096.918	33.386	32.272	23.843
1.023				
1/3/2016 6:30:00 PM	289800.000	71.274	17.368	160.552
41905.375	49056.004	33.358	32.242	23.863
1.023				
1/3/2016 6:45:00 PM	290700.000	71.275	17.370	160.553
41893.906	49041.234	33.348	32.231	23.870
1.023				
1/3/2016 7:00:00 PM	291600.000	71.277	17.368	160.558
41911.957	49064.090	33.364	32.248	23.860
1.023				
1/3/2016 7:15:00 PM	292500.000	71.278	17.368	160.561
41892.930	49042.113	33.349	32.232	23.870
1.023				
1/3/2016 7:30:00 PM	293400.000	71.282	17.369	160.571
41891.570	49038.688	33.346	32.229	23.871
1.023				
1/3/2016 7:45:00 PM	294300.000	71.282	17.367	160.570
41863.953	49008.566	33.326	32.207	23.887
1.023				
1/3/2016 8:00:00 PM	295200.000	71.282	17.368	160.569
41906.254	49057.797	33.359	32.243	23.863
1.023				
1/3/2016 8:15:00 PM	296100.000	71.285	17.369	160.576
41917.859	49070.422	33.368	32.252	23.856
1.023				
1/3/2016 8:30:00 PM	297000.000	71.286	17.366	160.579
41918.195	49073.988	33.370	32.255	23.856
1.023				
1/3/2016 8:45:00 PM	297900.000	71.285	17.368	160.577
41904.918	49055.754	33.358	32.242	23.864
1.023				
1/3/2016 9:00:00 PM	298800.000	71.285	17.365	160.577
41898.922	49052.387	33.356	32.239	23.867
1.023				
1/3/2016 9:15:00 PM	299700.000	71.282	17.371	160.570
41890.750	49035.711	33.344	32.227	23.872
1.023				

1/3/2016 9:30:00 PM	300600.000	71.286	17.368	160.579
41928.156	49082.762	33.376	32.261	23.850
1.023				
1/3/2016 9:45:00 PM	301500.000	71.288	17.365	160.584
41861.535	49007.930	33.325	32.206	23.888
1.023				
1/3/2016 10:00:00 PM	302400.000	71.278	17.369	160.560
41926.977	49080.820	33.375	32.260	23.851
1.023				
1/3/2016 10:15:00 PM	303300.000	71.281	17.370	160.566
41903.648	49052.258	33.356	32.239	23.864
1.023				
1/3/2016 10:30:00 PM	304200.000	71.281	17.370	160.568
41919.555	49070.684	33.368	32.253	23.855
1.023				
1/3/2016 10:45:00 PM	305100.000	71.278	17.366	160.561
41899.715	49051.484	33.355	32.238	23.867
1.023				
1/3/2016 11:00:00 PM	306000.000	71.276	17.367	160.556
41872.258	49018.289	33.332	32.214	23.882
1.023				
1/3/2016 11:15:00 PM	306900.000	71.274	17.367	160.552
41876.539	49023.301	33.336	32.218	23.880
1.023				
1/3/2016 11:30:00 PM	307800.000	71.272	17.368	160.547
41898.988	49048.617	33.353	32.236	23.867
1.023				
1/3/2016 11:45:00 PM	308700.000	71.274	17.370	160.552
41911.070	49060.754	33.361	32.245	23.860
1.023				
1/4/2016 12:00:00 AM	309600.000	71.271	17.365	160.545
41923.082	49080.285	33.375	32.259	23.853
1.023				
1/4/2016 12:15:00 AM	310500.000	71.272	17.369	160.547
41942.184	49098.898	33.387	32.273	23.842
1.023				
1/4/2016 12:30:00 AM	311400.000	71.270	17.363	160.542
41888.594	49042.688	33.349	32.232	23.873
1.023				
1/4/2016 12:45:00 AM	312300.000	71.274	17.362	160.552
41861.336	49011.164	33.328	32.208	23.888
1.023				
1/4/2016 1:00:00 AM	313200.000	71.272	17.366	160.547
41911.262	49065.488	33.365	32.249	23.860
1.023				
1/4/2016 1:15:00 AM	314100.000	71.271	17.374	160.545
41896.625	49039.805	33.347	32.230	23.868
1.023				
1/4/2016 1:30:00 AM	315000.000	71.276	17.368	160.556
41868.816	49013.883	33.329	32.211	23.884
1.023				
1/4/2016 1:45:00 AM	315900.000	71.272	17.372	160.548
41926.813	49077.547	33.373	32.258	23.851
1.023				
1/4/2016 2:00:00 AM	316800.000	71.263	17.365	160.526

41896.023	49048.418	33.353	32.236	23.869
1.023				
1/4/2016 2:15:00 AM	317700.000	71.281	17.369	160.568
41891.699	49039.324	33.347	32.230	23.871
1.023				
1/4/2016 2:30:00 AM	318600.000	71.285	17.365	160.577
41897.211	49050.000	33.354	32.237	23.868
1.023				
1/4/2016 2:45:00 AM	319500.000	71.290	17.366	160.587
41917.254	49072.695	33.369	32.254	23.857
1.023				
1/4/2016 3:00:00 AM	320400.000	71.291	17.365	160.590
41878.637	49028.254	33.339	32.221	23.879
1.023				
1/4/2016 3:15:00 AM	321300.000	71.297	17.371	160.603
41927.680	49079.039	33.374	32.259	23.851
1.023				
1/4/2016 3:30:00 AM	322200.000	71.303	17.367	160.618
41913.551	49067.305	33.366	32.250	23.859
1.023				
1/4/2016 3:45:00 AM	323100.000	71.309	17.371	160.631
41915.305	49065.230	33.364	32.249	23.858
1.023				
1/4/2016 4:00:00 AM	324000.000	71.319	17.362	160.654
41872.012	49024.328	33.337	32.218	23.882
1.023				
1/4/2016 4:15:00 AM	324900.000	71.323	17.364	160.662
41897.684	49051.703	33.355	32.238	23.868
1.023				
1/4/2016 4:30:00 AM	325800.000	71.333	17.367	160.685
41901.457	49052.754	33.356	32.239	23.866
1.023				
1/4/2016 4:45:00 AM	326700.000	71.337	17.365	160.695
41876.105	49025.191	33.337	32.219	23.880
1.023				
1/4/2016 5:00:00 AM	327600.000	71.347	17.371	160.716
41896.195	49042.672	33.349	32.232	23.869
1.023				
1/4/2016 5:15:00 AM	328500.000	71.350	17.369	160.724
41875.645	49020.430	33.334	32.216	23.880
1.023				
1/4/2016 5:30:00 AM	329400.000	71.361	17.366	160.748
41894.113	49045.219	33.351	32.234	23.870
1.023				
1/4/2016 5:45:00 AM	330300.000	71.373	17.366	160.774
41885.230	49035.016	33.344	32.226	23.875
1.023				
1/4/2016 6:00:00 AM	331200.000	71.374	17.367	160.777
41885.844	49034.668	33.344	32.226	23.874
1.023				
1/4/2016 6:15:00 AM	332100.000	71.380	17.369	160.790
41922.738	49075.941	33.372	32.256	23.853
1.023				
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41920.574	49073.027	33.370	32.254	23.855

1.023				
1/4/2016 6:45:00 AM	333900.000	71.396	17.367	160.826
41919.063	49073.082	33.370	32.254	23.855
1.023				
1/4/2016 7:00:00 AM	334800.000	71.402	17.371	160.841
41943.078	49097.641	33.386	32.272	23.842
1.023				
1/4/2016 7:15:00 AM	335700.000	71.402	17.362	160.841
41893.582	49049.391	33.354	32.236	23.870
1.023				
1/4/2016 7:30:00 AM	336600.000	71.410	17.361	160.859
41874.477	49028.180	33.339	32.221	23.881
1.023				
1/4/2016 7:45:00 AM	337500.000	71.412	17.365	160.863
41887.855	49039.434	33.347	32.229	23.873
1.023				
1/4/2016 8:00:00 AM	338400.000	71.415	17.364	160.870
41912.395	49068.926	33.367	32.251	23.859
1.023				
1/4/2016 8:15:00 AM	339300.000	71.419	17.359	160.879
41881.152	49037.527	33.346	32.228	23.877
1.023				
1/4/2016 8:30:00 AM	340200.000	71.422	17.367	160.886
41901.754	49053.402	33.356	32.240	23.865
1.023				
1/4/2016 8:45:00 AM	341100.000	71.426	17.372	160.894
41904.109	49050.973	33.355	32.238	23.864
1.023				
1/4/2016 9:00:00 AM	342000.000	71.424	17.369	160.890
41940.965	49096.508	33.386	32.272	23.843
1.023				
1/4/2016 9:15:00 AM	342900.000	71.423	17.367	160.887
41898.004	49049.105	33.353	32.237	23.867
1.023				
1/4/2016 9:30:00 AM	343800.000	71.421	17.371	160.883
41940.109	49094.266	33.384	32.270	23.844
1.023				
1/4/2016 9:45:00 AM	344700.000	71.418	17.369	160.876
41876.754	49021.730	33.335	32.217	23.880
1.023				
1/4/2016 10:00:00 AM	345600.000	71.415	17.367	160.869
41902.094	49053.992	33.357	32.240	23.865
1.023				
1/4/2016 10:15:00 AM	346500.000	71.410	17.370	160.859
41876.918	49021.059	33.334	32.216	23.880
1.023				
1/4/2016 10:30:00 AM	347400.000	71.405	17.365	160.847
41902.188	49055.523	33.358	32.241	23.865
1.023				
1/4/2016 10:45:00 AM	348300.000	71.404	17.365	160.845
41883.199	49034.258	33.343	32.226	23.876
1.023				
1/4/2016 11:00:00 AM	349200.000	71.402	17.368	160.839
41926.281	49080.477	33.375	32.260	23.851
1.023				

1/4/2016 11:15:00 AM 41930.398 1.023	350100.000 49084.527	71.394 33.377	17.369 32.263	160.823 23.849
1/4/2016 11:30:00 AM 41930.551 1.023	351000.000 49083.262	71.374 33.377	17.370 32.262	160.776 23.849
1/4/2016 11:45:00 AM 41887.996 1.023	351900.000 49032.488	71.382 33.342	17.371 32.225	160.795 23.873
1/4/2016 12:00:00 PM 41880.633 1.023	352800.000 49024.645	71.375 33.337	17.371 32.219	160.779 23.877
1/4/2016 12:15:00 PM 41889.527 1.023	353700.000 49034.094	71.371 33.343	17.371 32.226	160.771 23.872
1/4/2016 12:30:00 PM 41904.164 1.023	354600.000 49047.672	71.364 33.352	17.375 32.236	160.754 23.864
1/4/2016 12:45:00 PM 41889.430 1.023	355500.000 49041.945	71.358 33.349	17.364 32.231	160.740 23.872
1/4/2016 1:00:00 PM 41921.195 1.023	356400.000 49079.996	71.352 33.374	17.363 32.259	160.727 23.854
1/4/2016 1:15:00 PM 41891.953 1.023	357300.000 49042.691	71.346 33.349	17.366 32.232	160.713 23.871
1/4/2016 1:30:00 PM 41886.129 1.023	358200.000 49031.367	71.339 33.341	17.370 32.224	160.698 23.874
1/4/2016 1:45:00 PM 41886.043 1.023	359100.000 49033.461	71.334 33.343	17.368 32.225	160.687 23.874
1/4/2016 2:00:00 PM 41940.695 1.023	360000.000 49096.883	71.330 33.386	17.369 32.272	160.678 23.843
1/4/2016 2:15:00 PM 41854.672 1.023	360900.000 48995.977	71.322 33.317	17.369 32.198	160.661 23.892
1/4/2016 2:30:00 PM 41897.023 1.023	361800.000 49045.457	71.320 33.351	17.369 32.234	160.655 23.868
1/4/2016 2:45:00 PM 41957.469 1.023	362700.000 49117.855	71.317 33.400	17.368 32.287	160.649 23.834
1/4/2016 3:00:00 PM 41889.637 1.023	363600.000 49042.281	71.311 33.349	17.364 32.231	160.635 23.872
1/4/2016 3:15:00 PM 41863.145 1.023	364500.000 49011.551	71.306 33.328	17.364 32.209	160.623 23.887
1/4/2016 3:30:00 PM 41890.254 1.023	365400.000 49038.391	71.308 33.346	17.368 32.229	160.628 23.872
1/4/2016 3:45:00 PM	366300.000	71.306	17.365	160.623

41895.184	49047.723	33.352	32.235	23.869
1.023				
1/4/2016 4:00:00 PM	367200.000	71.300	17.368	160.610
41883.516	49030.797	33.341	32.223	23.876
1.023				
1/4/2016 4:15:00 PM	368100.000	71.300	17.370	160.611
41930.449	49083.246	33.377	32.262	23.849
1.023				
1/4/2016 4:30:00 PM	369000.000	71.300	17.369	160.611
41889.430	49037.141	33.345	32.228	23.872
1.023				
1/4/2016 4:45:00 PM	369900.000	71.300	17.367	160.610
41895.465	49046.320	33.352	32.235	23.869
1.023				
1/4/2016 5:00:00 PM	370800.000	71.300	17.366	160.610
41900.375	49052.938	33.356	32.239	23.866
1.023				
1/4/2016 5:15:00 PM	371700.000	71.308	17.370	160.627
41903.484	49051.957	33.355	32.239	23.864
1.023				
1/4/2016 5:30:00 PM	372600.000	71.306	17.370	160.623
41890.266	49036.398	33.345	32.227	23.872
1.023				
1/4/2016 5:45:00 PM	373500.000	71.303	17.366	160.618
41887.270	49037.684	33.346	32.228	23.874
1.023				
1/4/2016 6:00:00 PM	374400.000	71.308	17.367	160.627
41852.773	48995.762	33.317	32.197	23.893
1.023				
1/4/2016 6:15:00 PM	375300.000	71.315	17.367	160.643
41889.348	49038.879	33.346	32.229	23.872
1.023				
1/4/2016 6:30:00 PM	376200.000	71.313	17.368	160.640
41897.168	49047.266	33.352	32.235	23.868
1.023				
1/4/2016 6:45:00 PM	377100.000	71.301	17.364	160.612
41920.105	49077.953	33.373	32.258	23.855
1.023				
1/4/2016 7:00:00 PM	378000.000	71.322	17.369	160.661
41905.438	49054.836	33.357	32.241	23.863
1.023				
1/4/2016 7:15:00 PM	378900.000	71.320	17.367	160.656
41926.297	49082.137	33.376	32.261	23.851
1.023				
1/4/2016 7:30:00 PM	379800.000	71.326	17.367	160.670
41902.047	49053.551	33.356	32.240	23.865
1.023				
1/4/2016 7:45:00 PM	380700.000	71.329	17.364	160.676
41927.418	49086.422	33.379	32.264	23.851
1.023				
1/4/2016 8:00:00 PM	381600.000	71.330	17.367	160.678
41917.234	49071.895	33.369	32.253	23.857
1.023				
1/4/2016 8:15:00 PM	382500.000	71.335	17.365	160.689
41887.297	49038.199	33.346	32.228	23.874

1.023				
1/4/2016 8:30:00 PM	383400.000	71.337	17.365	160.695
41918.637	49074.699	33.371	32.255	23.856
1.023				
1/4/2016 8:45:00 PM	384300.000	71.339	17.369	160.698
41928.094	49081.441	33.375	32.260	23.850
1.023				
1/4/2016 9:00:00 PM	385200.000	71.345	17.364	160.712
41937.227	49097.906	33.387	32.272	23.845
1.023				
1/4/2016 9:15:00 PM	386100.000	71.343	17.359	160.706
41925.574	49089.453	33.381	32.266	23.852
1.023				
1/4/2016 9:30:00 PM	387000.000	71.344	17.369	160.710
41899.703	49048.977	33.353	32.237	23.867
1.023				
1/4/2016 9:45:00 PM	387900.000	71.346	17.368	160.713
41863.340	49006.797	33.325	32.206	23.887
1.023				
1/4/2016 10:00:00 PM	388800.000	71.349	17.365	160.722
41887.086	49038.145	33.346	32.228	23.874
1.023				
1/4/2016 10:15:00 PM	389700.000	71.349	17.363	160.721
41894.797	49049.375	33.354	32.237	23.869
1.023				
1/4/2016 10:30:00 PM	390600.000	71.349	17.368	160.722
41884.563	49031.727	33.342	32.224	23.875
1.023				
1/4/2016 10:45:00 PM	391500.000	71.350	17.366	160.723
41887.703	49037.531	33.346	32.228	23.873
1.023				
1/4/2016 11:00:00 PM	392400.000	71.352	17.370	160.727
41918.254	49068.777	33.367	32.251	23.856
1.023				
1/4/2016 11:15:00 PM	393300.000	71.348	17.368	160.718
41924.512	49079.273	33.374	32.259	23.852
1.023				
1/4/2016 11:30:00 PM	394200.000	71.347	17.368	160.716
41914.496	49066.770	33.365	32.250	23.858
1.023				
1/4/2016 11:45:00 PM	395100.000	71.334	17.373	160.686
41937.652	49089.180	33.381	32.266	23.845
1.023				
1/5/2016 12:00:00 AM	396000.000	71.350	17.366	160.723
41909.703	49063.563	33.363	32.247	23.861
1.023				
1/5/2016 12:15:00 AM	396900.000	71.350	17.368	160.724
41869.492	49014.867	33.330	32.212	23.884
1.023				
1/5/2016 12:30:00 AM	397800.000	71.346	17.365	160.713
41929.168	49087.988	33.380	32.265	23.850
1.023				
1/5/2016 12:45:00 AM	398700.000	71.348	17.366	160.718
41908.867	49062.492	33.362	32.246	23.861
1.023				

1/5/2016 1:00:00 AM 41898.816 1.023	399600.000 49051.113	71.346 33.355	17.366 32.238	160.714 23.867
1/5/2016 1:15:00 AM 41906.820 1.023	400500.000 49059.426	71.349 33.360	17.367 32.244	160.722 23.862
1/5/2016 1:30:00 AM 41902.113 1.023	401400.000 49051.324	71.355 33.355	17.369 32.238	160.733 23.865
1/5/2016 1:45:00 AM 41891.984 1.023	402300.000 49043.977	71.355 33.350	17.365 32.233	160.734 23.871
1/5/2016 2:00:00 AM 41911.031 1.023	403200.000 49065.023	71.355 33.364	17.366 32.248	160.733 23.860
1/5/2016 2:15:00 AM 41900.863 1.023	404100.000 49059.172	71.360 33.360	17.361 32.244	160.746 23.866
1/5/2016 2:30:00 AM 41904.938 1.023	405000.000 49057.020	71.357 33.359	17.367 32.242	160.738 23.864
1/5/2016 2:45:00 AM 41878.207 1.023	405900.000 49035.047	71.366 33.344	17.358 32.226	160.758 23.879
1/5/2016 3:00:00 AM 41900.570 1.023	406800.000 49048.543	71.366 33.353	17.370 32.236	160.758 23.866
1/5/2016 3:15:00 AM 41884.566 1.023	407700.000 49029.809	71.373 33.340	17.370 32.223	160.774 23.875
1/5/2016 3:30:00 AM 41884.980 1.023	408600.000 49036.258	71.376 33.345	17.365 32.227	160.781 23.875
1/5/2016 3:45:00 AM 41886.363 1.023	409500.000 49038.074	71.385 33.346	17.364 32.228	160.801 23.874
1/5/2016 4:00:00 AM 41890.016 1.023	410400.000 49039.469	71.389 33.347	17.367 32.230	160.811 23.872
1/5/2016 4:15:00 AM 41885.051 1.023	411300.000 49037.012	71.381 33.345	17.364 32.228	160.794 23.875
1/5/2016 4:30:00 AM 41907.594 1.023	412200.000 49056.105	71.405 33.358	17.371 32.242	160.848 23.862
1/5/2016 4:45:00 AM 41926.234 1.023	413100.000 49076.008	71.412 33.372	17.372 32.257	160.863 23.851
1/5/2016 5:00:00 AM 41909.664 1.023	414000.000 49063.516	71.419 33.363	17.366 32.247	160.879 23.861
1/5/2016 5:15:00 AM 41891.016 1.023	414900.000 49040.246	71.426 33.347	17.367 32.230	160.893 23.871
1/5/2016 5:30:00 AM	415800.000	71.438	17.364	160.922

41866.570	49015.375	33.330	32.212	23.885
1.023				
1/5/2016 5:45:00 AM	416700.000	71.446	17.370	160.938
41914.469	49064.539	33.364	32.248	23.858
1.023				
1/5/2016 6:00:00 AM	417600.000	71.457	17.363	160.964
41915.586	49074.008	33.370	32.255	23.857
1.023				
1/5/2016 6:15:00 AM	418500.000	71.466	17.371	160.985
41900.652	49047.594	33.352	32.236	23.866
1.023				
1/5/2016 6:30:00 AM	419400.000	71.472	17.371	160.997
41928.875	49080.727	33.375	32.260	23.850
1.023				
1/5/2016 6:45:00 AM	420300.000	71.479	17.367	161.013
41905.695	49057.824	33.359	32.243	23.863
1.023				
1/5/2016 7:00:00 AM	421200.000	71.489	17.367	161.036
41929.633	49086.234	33.379	32.264	23.849
1.023				
1/5/2016 7:15:00 AM	422100.000	71.494	17.365	161.047
41887.445	49038.953	33.346	32.229	23.874
1.023				
1/5/2016 7:30:00 AM	423000.000	71.502	17.362	161.065
41925.441	49085.934	33.378	32.263	23.852
1.023				
1/5/2016 7:45:00 AM	423900.000	71.504	17.371	161.071
41877.988	49020.586	33.334	32.216	23.879
1.023				
1/5/2016 8:00:00 AM	424800.000	71.511	17.367	161.086
41880.492	49028.211	33.339	32.221	23.877
1.023				
1/5/2016 8:15:00 AM	425700.000	71.519	17.371	161.103
41890.965	49036.254	33.345	32.227	23.871
1.023				
1/5/2016 8:30:00 AM	426600.000	71.524	17.367	161.114
41915.223	49068.586	33.367	32.251	23.858
1.023				
1/5/2016 8:45:00 AM	427500.000	71.525	17.366	161.117
41899.441	49051.457	33.355	32.238	23.867
1.023				
1/5/2016 9:00:00 AM	428400.000	71.524	17.365	161.116
41906.715	49060.934	33.361	32.245	23.863
1.023				
1/5/2016 9:15:00 AM	429300.000	71.526	17.362	161.119
41909.113	49067.191	33.366	32.250	23.861
1.023				
1/5/2016 9:30:00 AM	430200.000	71.528	17.364	161.124
41891.047	49043.645	33.350	32.232	23.871
1.023				
1/5/2016 9:45:00 AM	431100.000	71.506	17.370	161.073
41913.340	49063.492	33.363	32.247	23.859
1.023				
1/5/2016 10:00:00 AM	432000.000	71.520	17.361	161.105
41888.508	49044.707	33.350	32.233	23.873

1.023				
1/5/2016 10:15:00 AM	432900.000	71.519	17.368	161.103
41908.684	49059.875	33.361	32.245	23.861
1.023				
1/5/2016 10:30:00 AM	433800.000	71.510	17.371	161.084
41915.227	49065.039	33.364	32.249	23.858
1.023				
1/5/2016 10:45:00 AM	434700.000	71.511	17.370	161.085
41901.477	49049.809	33.354	32.237	23.866
1.023				
1/5/2016 11:00:00 AM	435600.000	71.504	17.365	161.071
41901.285	49055.156	33.358	32.241	23.866
1.023				
1/5/2016 11:15:00 AM	436500.000	71.500	17.362	161.061
41938.383	49101.184	33.389	32.275	23.845
1.023				
1/5/2016 11:30:00 AM	437400.000	71.495	17.371	161.050
41927.375	49079.262	33.374	32.259	23.851
1.023				
1/5/2016 11:45:00 AM	438300.000	71.488	17.370	161.033
41925.742	49077.734	33.373	32.258	23.852
1.023				
1/5/2016 12:00:00 PM	439200.000	71.478	17.370	161.012
41886.992	49032.465	33.342	32.225	23.874
1.023				
1/5/2016 12:15:00 PM	440100.000	71.474	17.368	161.002
41931.055	49085.961	33.378	32.264	23.849
1.023				
1/5/2016 12:30:00 PM	441000.000	71.463	17.371	160.978
41905.328	49053.164	33.356	32.240	23.863
1.023				
1/5/2016 12:45:00 PM	441900.000	71.461	17.367	160.972
41883.500	49032.313	33.342	32.224	23.876
1.023				
1/5/2016 1:00:00 PM	442800.000	71.448	17.365	160.942
41886.707	49038.090	33.346	32.228	23.874
1.023				
1/5/2016 1:15:00 PM	443700.000	71.442	17.366	160.930
41900.469	49053.047	33.356	32.239	23.866
1.023				
1/5/2016 1:30:00 PM	444600.000	71.432	17.358	160.908
41872.598	49029.148	33.340	32.221	23.882
1.023				
1/5/2016 1:45:00 PM	445500.000	71.422	17.369	160.886
41914.371	49066.340	33.365	32.249	23.858
1.023				
1/5/2016 2:00:00 PM	446400.000	71.414	17.366	160.867
41918.672	49073.969	33.370	32.255	23.856
1.023				
1/5/2016 2:15:00 PM	447300.000	71.411	17.370	160.861
41855.352	48995.234	33.317	32.197	23.892
1.023				
1/5/2016 2:30:00 PM	448200.000	71.400	17.368	160.835
41905.461	49056.105	33.358	32.242	23.863
1.023				

1/5/2016 2:45:00 PM 41903.023 1.023	449100.000 49049.793	71.393 33.354	17.371 32.237	160.820 23.865
1/5/2016 3:00:00 PM 41901.406 1.023	450000.000 49055.969	71.390 33.358	17.364 32.241	160.814 23.866
1/5/2016 3:15:00 PM 41917.617 1.023	450900.000 49073.695	71.381 33.370	17.365 32.255	160.793 23.856
1/5/2016 3:30:00 PM 41921.918 1.023	451800.000 49078.348	71.380 33.373	17.366 32.258	160.791 23.854
1/5/2016 3:45:00 PM 41902.340 1.023	452700.000 49054.367	71.370 33.357	17.367 32.240	160.769 23.865
1/5/2016 4:00:00 PM 41934.824 1.023	453600.000 49090.375	71.369 33.381	17.368 32.267	160.765 23.847
1/5/2016 4:15:00 PM 41933.027 1.023	454500.000 49084.621	71.367 33.378	17.372 32.263	160.762 23.848
1/5/2016 4:30:00 PM 41874.805 1.023	455400.000 49019.547	71.367 33.333	17.369 32.215	160.761 23.881
1/5/2016 4:45:00 PM 41902.465 1.023	456300.000 49049.422	71.366 33.354	17.371 32.237	160.759 23.865
1/5/2016 5:00:00 PM 41936.844 1.023	457200.000 49090.820	71.364 33.382	17.370 32.267	160.755 23.845
1/5/2016 5:15:00 PM 41909.266 1.023	458100.000 49060.281	71.345 33.361	17.369 32.245	160.712 23.861
1/5/2016 5:30:00 PM 41940.078 1.023	459000.000 49093.645	71.367 33.384	17.371 32.270	160.761 23.844
1/5/2016 5:45:00 PM 41860.617 1.023	459900.000 49005.613	71.369 33.324	17.367 32.205	160.765 23.889
1/5/2016 6:00:00 PM 41913.727 1.023	460800.000 49066.648	71.369 33.365	17.368 32.249	160.766 23.859
1/5/2016 6:15:00 PM 41885.887 1.023	461700.000 49035.195	71.371 33.344	17.367 32.226	160.770 23.874
1/5/2016 6:30:00 PM 41925.148 1.023	462600.000 49080.020	71.372 33.374	17.368 32.259	160.773 23.852
1/5/2016 6:45:00 PM 41878.633 1.023	463500.000 49029.305	71.375 33.340	17.364 32.222	160.779 23.879
1/5/2016 7:00:00 PM 41899.824 1.023	464400.000 49052.957	71.377 33.356	17.365 32.239	160.784 23.866
1/5/2016 7:15:00 PM	465300.000	71.371	17.367	160.771

41889.695	49038.984	33.347	32.229	23.872
1.023				
1/5/2016 7:30:00 PM	466200.000	71.385	17.362	160.801
41896.648	49052.980	33.356	32.239	23.868
1.023				
1/5/2016 7:45:00 PM	467100.000	71.394	17.364	160.821
41861.004	49008.383	33.326	32.207	23.889
1.023				
1/5/2016 8:00:00 PM	468000.000	71.394	17.370	160.822
41900.336	49048.664	33.353	32.236	23.866
1.023				
1/5/2016 8:15:00 PM	468900.000	71.399	17.367	160.832
41885.664	49034.371	33.343	32.226	23.875
1.023				
1/5/2016 8:30:00 PM	469800.000	71.402	17.367	160.840
41867.980	49013.566	33.329	32.211	23.885
1.023				
1/5/2016 8:45:00 PM	470700.000	71.409	17.364	160.856
41862.000	49009.832	33.327	32.208	23.888
1.023				
1/5/2016 9:00:00 PM	471600.000	71.408	17.366	160.854
41874.207	49022.391	33.335	32.217	23.881
1.023				
1/5/2016 9:15:00 PM	472500.000	71.410	17.367	160.858
41894.742	49045.000	33.351	32.234	23.869
1.023				
1/5/2016 9:30:00 PM	473400.000	71.414	17.364	160.868
41896.195	49050.242	33.354	32.237	23.869
1.023				
1/5/2016 9:45:00 PM	474300.000	71.403	17.364	160.842
41909.945	49065.680	33.365	32.249	23.861
1.023				
1/5/2016 10:00:00 PM	475200.000	71.421	17.366	160.883
41914.738	49069.840	33.367	32.252	23.858
1.023				
1/5/2016 10:15:00 PM	476100.000	71.421	17.367	160.882
41882.375	49030.223	33.341	32.223	23.876
1.023				
1/5/2016 10:30:00 PM	477000.000	71.425	17.367	160.891
41898.539	49049.531	33.354	32.237	23.867
1.023				
1/5/2016 10:45:00 PM	477900.000	71.407	17.365	160.852
41888.980	49040.750	33.348	32.230	23.873
1.023				
1/5/2016 11:00:00 PM	478800.000	71.425	17.365	160.891
41886.762	49037.859	33.346	32.228	23.874
1.023				
1/5/2016 11:15:00 PM	479700.000	71.423	17.363	160.888
41885.898	49039.059	33.347	32.229	23.874
1.023				
1/5/2016 11:30:00 PM	480600.000	71.427	17.369	160.896
41891.063	49038.094	33.346	32.229	23.871
1.023				
1/5/2016 11:45:00 PM	481500.000	71.427	17.368	160.896
41894.516	49043.969	33.350	32.233	23.869

1.023				
1/6/2016 12:00:00 AM	482400.000	71.430	17.368	160.902
41887.531	49035.984	33.344	32.227	23.873
1.023				
1/6/2016 12:15:00 AM	483300.000	71.429	17.370	160.900
41887.559	49033.805	33.343	32.226	23.873
1.023				
1/6/2016 12:30:00 AM	484200.000	71.429	17.368	160.902
41887.309	49035.723	33.344	32.227	23.874
1.023				
1/6/2016 12:45:00 AM	485100.000	71.432	17.365	160.907
41920.621	49077.879	33.373	32.258	23.855
1.023				
1/6/2016 1:00:00 AM	486000.000	71.420	17.363	160.880
41886.020	49039.391	33.347	32.229	23.874
1.023				
1/6/2016 1:15:00 AM	486900.000	71.435	17.369	160.915
41902.461	49052.398	33.356	32.239	23.865
1.023				
1/6/2016 1:30:00 AM	487800.000	71.419	17.368	160.878
41884.508	49031.957	33.342	32.224	23.875
1.023				
1/6/2016 1:45:00 AM	488700.000	71.433	17.367	160.910
41892.051	49041.742	33.348	32.231	23.871
1.023				
1/6/2016 2:00:00 AM	489600.000	71.435	17.364	160.915
41896.094	49049.645	33.354	32.237	23.869
1.023				
1/6/2016 2:15:00 AM	490500.000	71.440	17.364	160.925
41889.898	49042.496	33.349	32.232	23.872
1.023				
1/6/2016 2:30:00 AM	491400.000	71.441	17.364	160.927
41929.762	49089.449	33.381	32.266	23.849
1.023				
1/6/2016 2:45:00 AM	492300.000	71.443	17.370	160.933
41898.395	49046.105	33.351	32.235	23.867
1.023				
1/6/2016 3:00:00 AM	493200.000	71.430	17.362	160.902
41888.129	49042.246	33.349	32.231	23.873
1.023				
1/6/2016 3:15:00 AM	494100.000	71.448	17.369	160.944
41931.660	49085.719	33.378	32.264	23.848
1.023				
1/6/2016 3:30:00 AM	495000.000	71.459	17.367	160.967
41901.418	49052.617	33.356	32.239	23.866
1.023				
1/6/2016 3:45:00 AM	495900.000	71.459	17.364	160.969
41898.141	49052.145	33.355	32.239	23.867
1.023				
1/6/2016 4:00:00 AM	496800.000	71.465	17.363	160.981
41913.469	49071.621	33.369	32.253	23.859
1.023				
1/6/2016 4:15:00 AM	497700.000	71.467	17.366	160.987
41876.395	49024.672	33.337	32.219	23.880
1.023				

1/6/2016 4:30:00 AM 41915.293 1.023	498600.000 49064.926	71.479 33.364	17.371 32.248	161.013 23.858
1/6/2016 4:45:00 AM 41917.355 1.023	499500.000 49070.313	71.489 33.368	17.368 32.252	161.036 23.856
1/6/2016 5:00:00 AM 41909.027 1.023	500400.000 49060.957	71.494 33.361	17.368 32.245	161.046 23.861
1/6/2016 5:15:00 AM 41897.738 1.023	501300.000 49053.012	71.503 33.356	17.363 32.239	161.068 23.868
1/6/2016 5:30:00 AM 41900.305 1.023	502200.000 49052.855	71.507 33.356	17.366 32.239	161.077 23.866
1/6/2016 5:45:00 AM 41879.633 1.023	503100.000 49029.418	71.517 33.340	17.365 32.222	161.098 23.878
1/6/2016 6:00:00 AM 41900.762 1.023	504000.000 49055.406	71.528 33.358	17.364 32.241	161.124 23.866
1/6/2016 6:15:00 AM 41904.410 1.023	504900.000 49058.523	71.537 33.360	17.365 32.243	161.145 23.864
1/6/2016 6:30:00 AM 41889.566 1.023	505800.000 49035.664	71.544 33.344	17.370 32.227	161.159 23.872
1/6/2016 6:45:00 AM 41870.711 1.023	506700.000 49019.836	71.555 33.333	17.364 32.215	161.184 23.883
1/6/2016 7:00:00 AM 41886.793 1.023	507600.000 49032.809	71.560 33.342	17.370 32.225	161.196 23.874
1/6/2016 7:15:00 AM 41893.328 1.023	508500.000 49044.391	71.568 33.350	17.366 32.233	161.213 23.870
1/6/2016 7:30:00 AM 41910.844 1.023	509400.000 49060.871	71.576 33.361	17.370 32.245	161.233 23.860
1/6/2016 7:45:00 AM 41877.109 1.023	510300.000 49025.973	71.584 33.338	17.366 32.220	161.249 23.879
1/6/2016 8:00:00 AM 41890.902 1.023	511200.000 49042.809	71.586 33.349	17.365 32.232	161.254 23.872
1/6/2016 8:15:00 AM 41891.809 1.023	512100.000 49035.805	71.591 33.344	17.372 32.227	161.266 23.871
1/6/2016 8:30:00 AM 41871.035 1.023	513000.000 49016.086	71.596 33.331	17.368 32.212	161.277 23.883
1/6/2016 8:45:00 AM 41893.645 1.023	513900.000 49041.992	71.603 33.349	17.369 32.231	161.292 23.870
1/6/2016 9:00:00 AM	514800.000	71.606	17.367	161.299

41876.035	49023.488	33.336	32.218	23.880
1.023				
1/6/2016 9:15:00 AM	515700.000	71.607	17.365	161.301
41903.016	49057.266	33.359	32.242	23.865
1.023				
1/6/2016 9:30:00 AM	516600.000	71.611	17.365	161.311
41894.809	49047.852	33.353	32.236	23.869
1.023				
1/6/2016 9:45:00 AM	517500.000	71.610	17.362	161.309
41919.086	49079.160	33.374	32.258	23.855
1.023				
1/6/2016 10:00:00 AM	518400.000	71.609	17.368	161.306
41891.172	49039.859	33.347	32.230	23.871
1.023				
1/6/2016 10:15:00 AM	519300.000	71.612	17.364	161.312
41918.555	49076.328	33.372	32.256	23.856
1.023				
1/6/2016 10:30:00 AM	520200.000	71.608	17.365	161.303
41874.836	49024.469	33.337	32.218	23.881
1.023				
1/6/2016 10:45:00 AM	521100.000	71.606	17.368	161.299
41909.266	49061.324	33.362	32.246	23.861
1.023				
1/6/2016 11:00:00 AM	522000.000	71.606	17.363	161.299
41883.250	49035.859	33.344	32.227	23.876
1.023				
1/6/2016 11:15:00 AM	522900.000	71.584	17.371	161.250
41876.965	49020.160	33.334	32.216	23.879
1.023				
1/6/2016 11:30:00 AM	523800.000	71.594	17.365	161.273
41881.348	49031.234	33.341	32.223	23.877
1.023				
1/6/2016 11:45:00 AM	524700.000	71.576	17.369	161.231
41907.629	49057.777	33.359	32.243	23.862
1.023				
1/6/2016 12:00:00 PM	525600.000	71.587	17.367	161.258
41915.469	49069.461	33.367	32.252	23.858
1.023				
1/6/2016 12:15:00 PM	526500.000	71.580	17.365	161.241
41899.883	49053.512	33.356	32.240	23.866
1.023				
1/6/2016 12:30:00 PM	527400.000	71.573	17.367	161.226
41931.086	49087.633	33.380	32.265	23.849
1.023				
1/6/2016 12:45:00 PM	528300.000	71.562	17.366	161.202
41907.195	49060.730	33.361	32.245	23.862
1.023				
1/6/2016 1:00:00 PM	529200.000	71.556	17.367	161.188
41889.027	49038.781	33.346	32.229	23.873
1.023				
1/6/2016 1:15:00 PM	530100.000	71.547	17.362	161.167
41895.219	49051.500	33.355	32.238	23.869
1.023				
1/6/2016 1:30:00 PM	531000.000	71.536	17.360	161.143
41869.195	49022.285	33.335	32.217	23.884

1.023				
1/6/2016 1:45:00 PM	531900.000	71.529	17.364	161.127
41870.871	49020.313	33.334	32.215	23.883
1.023				
1/6/2016 2:00:00 PM	532800.000	71.518	17.370	161.101
41907.809	49056.547	33.358	32.242	23.862
1.023				
1/6/2016 2:15:00 PM	533700.000	71.514	17.372	161.093
41907.180	49054.090	33.357	32.241	23.862
1.023				
1/6/2016 2:30:00 PM	534600.000	71.506	17.364	161.073
41909.379	49065.301	33.364	32.248	23.861
1.023				
1/6/2016 2:45:00 PM	535500.000	71.492	17.363	161.043
41899.348	49054.613	33.357	32.240	23.867
1.023				
1/6/2016 3:00:00 PM	536400.000	71.484	17.371	161.025
41897.770	49043.926	33.350	32.233	23.868
1.023				
1/6/2016 3:15:00 PM	537300.000	71.477	17.369	161.010
41900.125	49048.996	33.353	32.237	23.866
1.023				
1/6/2016 3:30:00 PM	538200.000	71.470	17.371	160.994
41911.207	49060.145	33.361	32.245	23.860
1.023				
1/6/2016 3:45:00 PM	539100.000	71.465	17.369	160.981
41933.227	49088.219	33.380	32.265	23.847
1.023				
1/6/2016 4:00:00 PM	540000.000	71.460	17.365	160.970
41884.551	49034.875	33.344	32.226	23.875
1.023				
1/6/2016 4:15:00 PM	540900.000	71.450	17.365	160.948
41881.508	49031.422	33.341	32.224	23.877
1.023				
1/6/2016 4:30:00 PM	541800.000	71.448	17.367	160.943
41893.836	49044.227	33.350	32.233	23.870
1.023				
1/6/2016 4:45:00 PM	542700.000	71.448	17.364	160.943
41872.813	49022.297	33.335	32.217	23.882
1.023				
1/6/2016 5:00:00 PM	543600.000	71.444	17.370	160.935
41907.871	49057.199	33.359	32.243	23.862
1.023				
1/6/2016 5:15:00 PM	544500.000	71.441	17.370	160.928
41905.629	49054.465	33.357	32.241	23.863
1.023				
1/6/2016 5:30:00 PM	545400.000	71.442	17.367	160.930
41907.992	49060.598	33.361	32.245	23.862
1.023				
1/6/2016 5:45:00 PM	546300.000	71.441	17.364	160.928
41882.270	49034.121	33.343	32.225	23.876
1.023				
1/6/2016 6:00:00 PM	547200.000	71.439	17.367	160.924
41884.871	49033.531	33.343	32.225	23.875
1.023				

1/6/2016 6:15:00 PM 41864.988 1.023	548100.000 49011.508	71.443 33.328	17.366 32.209	160.932 23.886
1/6/2016 6:30:00 PM 41907.676 1.023	549000.000 49058.309	71.443 33.360	17.369 32.243	160.932 23.862
1/6/2016 6:45:00 PM 41906.980 1.023	549900.000 49057.414	71.445 33.359	17.369 32.243	160.936 23.862
1/6/2016 7:00:00 PM 41915.918 1.023	550800.000 49065.848	71.448 33.365	17.371 32.249	160.942 23.857
1/6/2016 7:15:00 PM 41925.301 1.023	551700.000 49085.770	71.452 33.378	17.362 32.263	160.952 23.852
1/6/2016 7:30:00 PM 41908.820 1.023	552600.000 49062.145	71.454 33.362	17.366 32.246	160.956 23.861
1/6/2016 7:45:00 PM 41888.184 1.023	553500.000 49040.680	71.465 33.348	17.364 32.230	160.981 23.873
1/6/2016 8:00:00 PM 41903.191 1.023	554400.000 49057.195	71.464 33.359	17.365 32.242	160.979 23.865
1/6/2016 8:15:00 PM 41908.590 1.023	555300.000 49064.273	71.471 33.364	17.364 32.248	160.996 23.861
1/6/2016 8:30:00 PM 41889.723 1.023	556200.000 49039.320	71.472 33.347	17.367 32.229	160.997 23.872
1/6/2016 8:45:00 PM 41903.711 1.023	557100.000 49058.563	71.478 33.360	17.364 32.243	161.012 23.864
1/6/2016 9:00:00 PM 41864.016 1.023	558000.000 49009.883	71.484 33.327	17.366 32.208	161.024 23.887
1/6/2016 9:15:00 PM 41887.309 1.023	558900.000 49037.832	71.488 33.346	17.366 32.228	161.034 23.874
1/6/2016 9:30:00 PM 41871.301 1.023	559800.000 49014.391	71.493 33.330	17.370 32.211	161.044 23.883
1/6/2016 9:45:00 PM 41890.336 1.023	560700.000 49038.879	71.495 33.346	17.368 32.229	161.049 23.872
1/6/2016 10:00:00 PM 41908.332 1.023	561600.000 49064.453	71.499 33.364	17.364 32.248	161.059 23.862
1/6/2016 10:15:00 PM 41861.590 1.023	562500.000 49009.543	71.499 33.326	17.364 32.207	161.060 23.888
1/6/2016 10:30:00 PM 41882.109 1.023	563400.000 49030.012	71.504 33.340	17.367 32.223	161.070 23.877
1/6/2016 10:45:00 PM	564300.000	71.506	17.363	161.073

41886.961	49040.586	33.348	32.230	23.874
1.023				
1/6/2016 11:00:00 PM	565200.000	71.512	17.366	161.087
41881.434	49030.469	33.341	32.223	23.877
1.023				
1/6/2016 11:15:00 PM	566100.000	71.517	17.362	161.099
41862.227	49012.980	33.329	32.210	23.888
1.023				
1/6/2016 11:30:00 PM	567000.000	71.516	17.368	161.097
41865.891	49009.871	33.327	32.208	23.886
1.023				
1/6/2016 11:45:00 PM	567900.000	71.521	17.370	161.109
41871.633	49015.063	33.330	32.212	23.883
1.023				

Report Date: 1/11/2016 11:31:42 AM
Report User Name: KMakar
Report Computer Name: WKST46
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9M_Append_2016-01-07_08-43-22-379.wsl
Create Date: 1/7/2016 8:43:22 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
 1/3/2016 11:29:31 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:00:00 PM
 1/7/2016 8:42:47 AM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM

Log Data:

Record Count: 2192

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#:
SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#:
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)				
12/31/2015 12:00:00 AM	2674800.000	70.617	16.831	159.071	
38065.332	45102.953	30670.010	29.331	26.271	
1.021					
12/31/2015 12:15:00 AM	2675700.000	70.620	16.827	159.078	
38072.980	45116.152	30678.986	29.340	26.265	

1.021					
12/31/2015 12:30:00 AM	2676600.000	70.636	16.829	159.115	
38071.367	45111.996	30676.158	29.337	26.266	
1.021					
12/31/2015 12:45:00 AM	2677500.000	70.621	16.828	159.082	
38041.668	45078.066	30653.088	29.313	26.287	
1.021					
12/31/2015 1:00:00 AM	2678400.000	70.620	16.830	159.078	
38065.031	45103.508	30670.385	29.331	26.271	
1.021					
12/31/2015 1:15:00 AM	2679300.000	70.627	16.815	159.095	
38083.172	45139.789	30695.059	29.357	26.258	
1.021					
12/31/2015 1:30:00 AM	2680200.000	70.637	16.833	159.116	
38050.055	45082.445	30656.063	29.316	26.281	
1.021					
12/31/2015 1:45:00 AM	2681100.000	70.630	16.830	159.100	
38086.914	45129.438	30688.020	29.350	26.256	
1.021					
12/31/2015 2:00:00 AM	2682000.000	70.646	16.833	159.137	
38071.207	45107.590	30673.164	29.334	26.267	
1.021					
12/31/2015 2:15:00 AM	2682900.000	70.645	16.827	159.135	
38049.777	45088.656	30660.287	29.320	26.281	
1.021					
12/31/2015 2:30:00 AM	2683800.000	70.646	16.830	159.137	
38085.242	45127.094	30686.426	29.348	26.257	
1.021					
12/31/2015 2:45:00 AM	2684700.000	70.633	16.825	159.107	
38078.910	45125.055	30685.039	29.346	26.261	
1.021					
12/31/2015 3:00:00 AM	2685600.000	70.655	16.832	159.157	
38044.133	45076.855	30652.264	29.312	26.285	
1.021					
12/31/2015 3:15:00 AM	2686500.000	70.646	16.831	159.136	
38071.000	45109.141	30674.219	29.335	26.267	
1.021					
12/31/2015 3:30:00 AM	2687400.000	70.664	16.829	159.178	
38065.027	45103.953	30670.689	29.331	26.271	
1.021					
12/31/2015 3:45:00 AM	2688300.000	70.669	16.817	159.189	
38043.785	45091.848	30662.459	29.322	26.286	
1.021					
12/31/2015 4:00:00 AM	2689200.000	70.668	16.822	159.186	
38091.309	45142.531	30696.924	29.359	26.253	
1.021					
12/31/2015 4:15:00 AM	2690100.000	70.672	16.828	159.196	
38087.145	45131.227	30689.236	29.351	26.256	
1.021					
12/31/2015 4:30:00 AM	2691000.000	70.678	16.825	159.208	
38064.098	45107.230	30672.920	29.334	26.271	
1.021					
12/31/2015 4:45:00 AM	2691900.000	70.677	16.835	159.207	
38068.441	45101.711	30669.164	29.330	26.268	
1.021					
12/31/2015 5:00:00 AM	2692800.000	70.680	16.834	159.213	
38056.930	45089.867	30661.109	29.322	26.276	

1.021					
12/31/2015 5:15:00 AM	2693700.000	70.685	16.831	159.224	
38060.578	45096.969	30665.941	29.327	26.274	
1.021					
12/31/2015 5:30:00 AM	2694600.000	70.684	16.832	159.222	
38076.047	45114.309	30677.732	29.339	26.263	
1.021					
12/31/2015 5:45:00 AM	2695500.000	70.693	16.832	159.242	
38070.863	45108.348	30673.678	29.335	26.267	
1.021					
12/31/2015 6:00:00 AM	2696400.000	70.694	16.830	159.245	
38069.707	45108.773	30673.967	29.335	26.268	
1.021					
12/31/2015 6:15:00 AM	2697300.000	70.690	16.830	159.237	
38065.129	45103.699	30670.518	29.331	26.271	
1.021					
12/31/2015 6:30:00 AM	2698200.000	70.680	16.826	159.213	
38070.113	45113.828	30677.406	29.338	26.267	
1.021					
12/31/2015 6:45:00 AM	2699100.000	70.695	16.827	159.247	
38046.645	45084.840	30657.691	29.318	26.284	
1.021					
12/31/2015 7:00:00 AM	2700000.000	70.695	16.837	159.247	
38121.367	45162.906	30710.779	29.375	26.232	
1.021					
12/31/2015 7:15:00 AM	2700900.000	70.697	16.829	159.252	
38059.121	45096.855	30665.863	29.326	26.275	
1.021					
12/31/2015 7:30:00 AM	2701800.000	70.683	16.826	159.220	
38063.293	45105.023	30671.418	29.332	26.272	
1.021					
12/31/2015 7:45:00 AM	2702700.000	70.697	16.829	159.252	
38101.301	45147.012	30699.971	29.363	26.246	
1.021					
12/31/2015 8:00:00 AM	2703600.000	70.686	16.833	159.226	
38055.820	45089.359	30660.766	29.321	26.277	
1.021					
12/31/2015 8:15:00 AM	2704500.000	70.694	16.828	159.244	
38062.434	45102.672	30669.816	29.330	26.273	
1.021					
12/31/2015 8:30:00 AM	2705400.000	70.681	16.827	159.217	
38050.102	45088.137	30659.936	29.320	26.281	
1.021					
12/31/2015 8:45:00 AM	2706300.000	70.697	16.819	159.252	
38049.672	45095.871	30665.195	29.325	26.281	
1.021					
12/31/2015 9:00:00 AM	2707200.000	70.696	16.819	159.249	
38073.602	45124.859	30684.906	29.346	26.265	
1.021					
12/31/2015 9:15:00 AM	2708100.000	70.697	16.833	159.251	
38060.117	45094.555	30664.299	29.325	26.274	
1.021					
12/31/2015 9:30:00 AM	2709000.000	70.695	16.835	159.247	
38115.422	45158.363	30707.689	29.371	26.236	
1.021					
12/31/2015 9:45:00 AM	2709900.000	70.694	16.832	159.245	
38060.770	45096.566	30665.666	29.326	26.274	

1.021					
12/31/2015 10:00:00 AM	2584800.000	70.687	16.832	159.229	
38083.406	45122.676	30683.422	29.345	26.258	
1.021					
12/31/2015 10:15:00 AM	2585700.000	70.692	16.830	159.240	
38061.320	45098.566	30667.027	29.328	26.273	
1.021					
12/31/2015 10:30:00 AM	2586600.000	70.689	16.832	159.234	
38067.719	45104.543	30671.092	29.332	26.269	
1.021					
12/31/2015 10:45:00 AM	2587500.000	70.674	16.832	159.200	
38087.105	45127.145	30686.461	29.348	26.256	
1.021					
12/31/2015 11:00:00 AM	2588400.000	70.688	16.834	159.231	
38075.867	45111.680	30675.945	29.337	26.263	
1.021					
12/31/2015 11:15:00 AM	2589300.000	70.691	16.843	159.238	
38069.410	45095.434	30664.896	29.326	26.268	
1.021					
12/31/2015 11:30:00 AM	2590200.000	70.671	16.830	159.194	
38065.004	45103.551	30670.416	29.331	26.271	
1.021					
12/31/2015 11:45:00 AM	2591100.000	70.687	16.823	159.230	
38046.082	45087.672	30659.619	29.319	26.284	
1.021					
12/31/2015 12:00:00 PM	2592000.000	70.689	16.830	159.233	
38042.391	45076.051	30651.717	29.311	26.286	
1.021					
12/31/2015 12:15:00 PM	2592900.000	70.674	16.831	159.200	
38046.445	45079.957	30654.373	29.314	26.284	
1.021					
12/31/2015 12:30:00 PM	2593800.000	70.693	16.830	159.242	
38081.719	45122.820	30683.520	29.345	26.259	
1.021					
12/31/2015 12:45:00 PM	2594700.000	70.692	16.826	159.241	
38072.242	45115.453	30678.508	29.340	26.266	
1.021					
12/31/2015 1:00:00 PM	2595600.000	70.695	16.831	159.248	
38075.910	45115.137	30678.295	29.340	26.263	
1.021					
12/31/2015 1:15:00 PM	2596500.000	70.678	16.822	159.210	
38060.500	45106.547	30672.455	29.333	26.274	
1.021					
12/31/2015 1:30:00 PM	2597400.000	70.693	16.832	159.244	
38081.484	45121.031	30682.303	29.344	26.259	
1.021					
12/31/2015 1:45:00 PM	2598300.000	70.677	16.827	159.208	
38048.656	45086.781	30659.014	29.319	26.282	
1.021					
12/31/2015 2:00:00 PM	2599200.000	70.682	16.826	159.218	
38075.496	45119.758	30681.438	29.343	26.264	
1.021					
12/31/2015 2:15:00 PM	2600100.000	70.700	16.832	159.259	
38075.957	45113.852	30677.422	29.339	26.263	
1.021					
12/31/2015 2:30:00 PM	2601000.000	70.701	16.834	159.261	
38064.938	45099.270	30667.506	29.328	26.271	

1.021					
12/31/2015 2:45:00 PM	2601900.000	70.705	16.829	159.270	
38085.805	45129.281	30687.914	29.350	26.257	
1.021					
12/31/2015 3:00:00 PM	2602800.000	70.705	16.826	159.269	
38056.988	45098.180	30666.764	29.327	26.276	
1.021					
12/31/2015 3:15:00 PM	2603700.000	70.687	16.827	159.230	
38029.254	45063.527	30643.199	29.302	26.296	
1.021					
12/31/2015 3:30:00 PM	2604600.000	70.687	16.836	159.229	
38054.770	45084.895	30657.730	29.318	26.278	
1.021					
12/31/2015 3:45:00 PM	2605500.000	70.686	16.822	159.226	
38049.465	45092.488	30662.893	29.323	26.282	
1.021					
12/31/2015 4:00:00 PM	2606400.000	70.703	16.829	159.266	
38070.656	45111.230	30675.639	29.337	26.267	
1.021					
12/31/2015 4:15:00 PM	2607300.000	70.710	16.828	159.281	
38058.566	45097.535	30666.326	29.327	26.275	
1.021					
12/31/2015 4:30:00 PM	2608200.000	70.687	16.825	159.230	
38085.449	45132.086	30689.820	29.352	26.257	
1.021					
12/31/2015 4:45:00 PM	2609100.000	70.690	16.825	159.235	
38060.285	45102.445	30669.666	29.330	26.274	
1.021					
12/31/2015 5:00:00 PM	2610000.000	70.690	16.831	159.237	
38042.281	45075.023	30651.016	29.311	26.287	
1.021					
12/31/2015 5:15:00 PM	2610900.000	70.708	16.835	159.277	
38061.801	45093.844	30663.816	29.325	26.273	
1.021					
12/31/2015 5:30:00 PM	2611800.000	70.686	16.831	159.226	
38076.219	45115.051	30678.236	29.340	26.263	
1.021					
12/31/2015 5:45:00 PM	2612700.000	70.686	16.830	159.228	
38059.762	45097.262	30666.139	29.327	26.274	
1.021					
12/31/2015 6:00:00 PM	2613600.000	70.701	16.825	159.260	
38082.965	45129.773	30688.248	29.350	26.258	
1.021					
12/31/2015 6:15:00 PM	2614500.000	70.685	16.825	159.224	
38063.070	45105.926	30672.031	29.333	26.272	
1.021					
12/31/2015 6:30:00 PM	2615400.000	70.679	16.827	159.211	
38071.848	45114.180	30677.645	29.339	26.266	
1.021					
12/31/2015 6:45:00 PM	2616300.000	70.681	16.818	159.217	
38045.629	45092.594	30662.965	29.323	26.284	
1.021					
12/31/2015 7:00:00 PM	2617200.000	70.683	16.822	159.219	
38083.414	45133.703	30690.920	29.353	26.258	
1.021					
12/31/2015 7:15:00 PM	2618100.000	70.674	16.831	159.200	
38069.781	45107.422	30673.049	29.334	26.268	

1.021					
12/31/2015 7:30:00 PM	2619000.000	70.675	16.832	159.202	
38067.980	45104.664	30671.174	29.332	26.269	
1.021					
12/31/2015 7:45:00 PM	2619900.000	70.687	16.833	159.230	
38073.406	45110.301	30675.006	29.336	26.265	
1.021					
12/31/2015 8:00:00 PM	2620800.000	70.683	16.832	159.221	
38072.961	45110.301	30675.006	29.336	26.265	
1.021					
12/31/2015 8:15:00 PM	2621700.000	70.666	16.828	159.181	
38065.980	45106.875	30672.678	29.334	26.270	
1.021					
12/31/2015 8:30:00 PM	2622600.000	70.678	16.840	159.208	
38066.504	45094.855	30664.504	29.326	26.270	
1.021					
12/31/2015 8:45:00 PM	2623500.000	70.678	16.828	159.208	
38055.457	45093.492	30663.576	29.324	26.277	
1.021					
12/31/2015 9:00:00 PM	2624400.000	70.656	16.831	159.159	
38071.754	45110.563	30675.184	29.336	26.266	
1.021					
12/31/2015 9:15:00 PM	2625300.000	70.649	16.828	159.144	
38079.813	45123.164	30683.754	29.345	26.261	
1.021					
12/31/2015 9:30:00 PM	2626200.000	70.665	16.834	159.180	
38076.160	45112.828	30676.723	29.338	26.263	
1.021					
12/31/2015 9:45:00 PM	2627100.000	70.647	16.832	159.138	
38090.242	45131.125	30689.168	29.351	26.253	
1.021					
12/31/2015 10:00:00 PM	2628000.000	70.660	16.826	159.169	
38075.418	45119.570	30681.311	29.343	26.264	
1.021					
12/31/2015 10:15:00 PM	2628900.000	70.640	16.825	159.123	
38057.715	45099.398	30667.594	29.328	26.276	
1.021					
12/31/2015 10:30:00 PM	2629800.000	70.654	16.823	159.155	
38059.754	45104.504	30671.064	29.332	26.274	
1.021					
12/31/2015 10:45:00 PM	2630700.000	70.631	16.830	159.104	
38062.629	45100.559	30668.383	29.329	26.272	
1.021					
12/31/2015 11:00:00 PM	2631600.000	70.646	16.837	159.138	
38092.516	45128.805	30687.590	29.350	26.252	
1.021					
12/31/2015 11:15:00 PM	2632500.000	70.648	16.844	159.142	
38063.660	45087.199	30659.297	29.320	26.272	
1.021					
12/31/2015 11:30:00 PM	2633400.000	70.645	16.829	159.135	
38044.758	45080.289	30654.598	29.314	26.285	
1.021					
12/31/2015 11:45:00 PM	2634300.000	70.642	16.832	159.127	
38057.441	45092.445	30662.865	29.323	26.276	
1.021					
1/1/2016 12:00:00 AM	2635200.000	70.638	16.829	159.119	
38069.762	45110.172	30674.920	29.336	26.268	

1.021				
1/1/2016 12:15:00 AM	2636100.000	70.625	16.830	159.089
38085.578	45127.395	30686.631	29.348	26.257
1.021				
1/1/2016 12:30:00 AM	2637000.000	70.642	16.831	159.127
38063.895	45101.352	30668.920	29.330	26.272
1.021				
1/1/2016 12:45:00 AM	2637900.000	70.640	16.838	159.123
38057.746	45086.449	30658.787	29.319	26.276
1.021				
1/1/2016 1:00:00 AM	2638800.000	70.626	16.830	159.092
38072.945	45112.340	30676.391	29.338	26.265
1.021				
1/1/2016 1:15:00 AM	2639700.000	70.641	16.831	159.125
38083.379	45123.984	30684.313	29.346	26.258
1.021				
1/1/2016 1:30:00 AM	2640600.000	70.642	16.831	159.129
38070.281	45108.918	30674.066	29.335	26.267
1.021				
1/1/2016 1:45:00 AM	2641500.000	70.624	16.831	159.088
38089.340	45131.047	30689.113	29.351	26.254
1.021				
1/1/2016 2:00:00 AM	2642400.000	70.646	16.830	159.137
38067.652	45106.691	30672.553	29.333	26.269
1.021				
1/1/2016 2:15:00 AM	2643300.000	70.647	16.826	159.140
38048.355	45087.148	30659.264	29.319	26.282
1.021				
1/1/2016 2:30:00 AM	2644200.000	70.647	16.838	159.139
38089.121	45123.543	30684.012	29.346	26.254
1.021				
1/1/2016 2:45:00 AM	2645100.000	70.652	16.829	159.150
38076.535	45118.020	30680.256	29.342	26.263
1.021				
1/1/2016 3:00:00 AM	2646000.000	70.641	16.832	159.126
38048.691	45081.996	30655.760	29.316	26.282
1.021				
1/1/2016 3:15:00 AM	2646900.000	70.660	16.831	159.169
38085.316	45126.461	30685.994	29.348	26.257
1.021				
1/1/2016 3:30:00 AM	2647800.000	70.662	16.827	159.172
38073.863	45116.387	30679.145	29.340	26.265
1.021				
1/1/2016 3:45:00 AM	2648700.000	70.649	16.832	159.143
38068.707	45105.523	30671.756	29.333	26.268
1.021				
1/1/2016 4:00:00 AM	2649600.000	70.655	16.830	159.158
38087.129	45129.145	30687.820	29.350	26.256
1.021				
1/1/2016 4:15:00 AM	2650500.000	70.657	16.830	159.163
38067.992	45106.473	30672.404	29.333	26.269
1.021				
1/1/2016 4:30:00 AM	2651400.000	70.674	16.824	159.200
38078.801	45125.820	30685.561	29.347	26.261
1.021				
1/1/2016 4:45:00 AM	2652300.000	70.677	16.829	159.207
38073.902	45114.820	30678.080	29.339	26.265

1.021				
1/1/2016 5:00:00 AM	2653200.000	70.664	16.825	159.178
38063.965	45107.258	30672.938	29.334	26.272
1.021				
1/1/2016 5:15:00 AM	2654100.000	70.686	16.824	159.227
38054.988	45097.961	30666.615	29.327	26.278
1.021				
1/1/2016 5:30:00 AM	2655000.000	70.669	16.830	159.189
38057.207	45093.961	30663.896	29.324	26.276
1.021				
1/1/2016 5:45:00 AM	2655900.000	70.674	16.817	159.201
38052.828	45102.113	30669.439	29.329	26.279
1.021				
1/1/2016 6:00:00 AM	2656800.000	70.676	16.822	159.204
38052.926	45096.676	30665.740	29.326	26.279
1.021				
1/1/2016 6:15:00 AM	2657700.000	70.695	16.827	159.248
38074.645	45117.934	30680.197	29.341	26.264
1.021				
1/1/2016 6:30:00 AM	2658600.000	70.682	16.827	159.218
38044.027	45081.566	30655.467	29.315	26.285
1.021				
1/1/2016 6:45:00 AM	2659500.000	70.694	16.821	159.244
38055.348	45100.629	30668.428	29.329	26.278
1.021				
1/1/2016 7:00:00 AM	2660400.000	70.686	16.829	159.226
38068.461	45108.191	30673.572	29.335	26.268
1.021				
1/1/2016 7:15:00 AM	2661300.000	70.699	16.831	159.255
38068.129	45105.465	30671.719	29.333	26.269
1.021				
1/1/2016 7:30:00 AM	2662200.000	70.704	16.826	159.268
38061.539	45103.301	30670.246	29.331	26.273
1.021				
1/1/2016 7:45:00 AM	2663100.000	70.688	16.825	159.232
38071.906	45117.020	30679.574	29.341	26.266
1.021				
1/1/2016 8:00:00 AM	2664000.000	70.687	16.826	159.230
38062.758	45105.020	30671.416	29.332	26.272
1.021				
1/1/2016 8:15:00 AM	2664900.000	70.703	16.837	159.265
38062.410	45093.316	30663.455	29.324	26.273
1.021				
1/1/2016 8:30:00 AM	2665800.000	70.688	16.829	159.232
38059.094	45097.180	30666.084	29.327	26.275
1.021				
1/1/2016 8:45:00 AM	2666700.000	70.702	16.820	159.263
38070.051	45119.215	30681.068	29.342	26.267
1.021				
1/1/2016 9:00:00 AM	2667600.000	70.685	16.827	159.225
38065.613	45106.969	30672.738	29.334	26.270
1.021				
1/1/2016 9:15:00 AM	2668500.000	70.702	16.832	159.264
38039.484	45070.898	30648.213	29.308	26.288
1.021				
1/1/2016 9:30:00 AM	2669400.000	70.685	16.824	159.224
38103.777	45155.148	30705.504	29.368	26.244

1.021				
1/1/2016 9:45:00 AM	2670300.000	70.700	16.825	159.258
38073.172	45118.066	30680.287	29.341	26.265
1.021				
1/1/2016 10:00:00 AM	2671200.000	70.683	16.829	159.219
38083.309	45126.324	30685.902	29.348	26.258
1.021				
1/1/2016 10:15:00 AM	2672100.000	70.697	16.831	159.251
38057.207	45092.895	30663.170	29.324	26.276
1.021				
1/1/2016 10:30:00 AM	2673000.000	70.679	16.830	159.212
38034.809	45067.520	30645.916	29.305	26.292
1.021				
1/1/2016 10:45:00 AM	2673900.000	70.691	16.826	159.238
38063.164	45105.500	30671.742	29.332	26.272
1.021				
1/1/2016 11:00:00 AM	2674800.000	70.691	16.831	159.239
38103.238	45147.867	30700.553	29.363	26.244
1.021				
1/1/2016 11:15:00 AM	2675700.000	70.695	16.828	159.248
38067.906	45108.527	30673.799	29.335	26.269
1.021				
1/1/2016 11:30:00 AM	2676600.000	70.678	16.820	159.210
38053.145	45099.355	30667.564	29.328	26.279
1.021				
1/1/2016 11:45:00 AM	2677500.000	70.689	16.821	159.235
38048.008	45092.641	30662.998	29.323	26.283
1.021				
1/1/2016 12:00:00 PM	2678400.000	70.673	16.819	159.197
38053.520	45100.340	30668.232	29.328	26.279
1.021				
1/1/2016 12:15:00 PM	2679300.000	70.689	16.824	159.235
38059.262	45102.934	30669.998	29.330	26.275
1.021				
1/1/2016 12:30:00 PM	2680200.000	70.687	16.825	159.230
38044.801	45083.918	30657.066	29.317	26.285
1.021				
1/1/2016 12:45:00 PM	2681100.000	70.687	16.834	159.230
38097.715	45138.102	30693.912	29.356	26.248
1.021				
1/1/2016 1:00:00 PM	2682000.000	70.668	16.833	159.186
38080.582	45118.246	30680.410	29.342	26.260
1.021				
1/1/2016 1:15:00 PM	2682900.000	70.687	16.823	159.230
38073.871	45121.320	30682.498	29.344	26.265
1.021				
1/1/2016 1:30:00 PM	2683800.000	70.684	16.832	159.223
38076.879	45114.766	30678.043	29.339	26.263
1.021				
1/1/2016 1:45:00 PM	2684700.000	70.687	16.823	159.229
38061.695	45106.891	30672.688	29.333	26.273
1.021				
1/1/2016 2:00:00 PM	2685600.000	70.668	16.822	159.187
38051.230	45094.668	30664.377	29.324	26.280
1.021				
1/1/2016 2:15:00 PM	2686500.000	70.669	16.830	159.189
38072.734	45112.273	30676.348	29.338	26.266

1.021				
1/1/2016 2:30:00 PM	2687400.000	70.687	16.830	159.230
38078.418	45119.371	30681.174	29.343	26.262
1.021				
1/1/2016 2:45:00 PM	2688300.000	70.687	16.829	159.230
38115.129	45163.398	30711.113	29.374	26.236
1.021				
1/1/2016 3:00:00 PM	2689200.000	70.670	16.835	159.191
38089.105	45126.297	30685.885	29.348	26.254
1.021				
1/1/2016 3:15:00 PM	2690100.000	70.671	16.827	159.193
38042.957	45080.301	30654.607	29.314	26.286
1.021				
1/1/2016 3:30:00 PM	2691000.000	70.673	16.826	159.198
38050.145	45089.621	30660.943	29.321	26.281
1.021				
1/1/2016 3:45:00 PM	2691900.000	70.674	16.825	159.200
38060.684	45103.547	30670.414	29.331	26.274
1.021				
1/1/2016 4:00:00 PM	2692800.000	70.674	16.828	159.200
38038.508	45074.320	30650.541	29.310	26.289
1.021				
1/1/2016 4:15:00 PM	2693700.000	70.676	16.835	159.205
38071.148	45105.457	30671.713	29.333	26.267
1.021				
1/1/2016 4:30:00 PM	2694600.000	70.676	16.825	159.205
38062.168	45104.676	30671.182	29.332	26.273
1.021				
1/1/2016 4:45:00 PM	2695500.000	70.679	16.827	159.211
38043.797	45081.293	30655.281	29.315	26.285
1.021				
1/1/2016 5:00:00 PM	2696400.000	70.679	16.828	159.212
38064.535	45104.711	30671.205	29.332	26.271
1.021				
1/1/2016 5:15:00 PM	2697300.000	70.680	16.823	159.214
38061.340	45106.469	30672.400	29.333	26.273
1.021				
1/1/2016 5:30:00 PM	2698200.000	70.690	16.826	159.236
38050.176	45089.836	30661.090	29.321	26.281
1.021				
1/1/2016 5:45:00 PM	2699100.000	70.694	16.829	159.244
38082.043	45124.543	30684.691	29.346	26.259
1.021				
1/1/2016 6:00:00 PM	2700000.000	70.676	16.833	159.204
38079.699	45117.477	30679.887	29.341	26.261
1.021				
1/1/2016 6:15:00 PM	2700900.000	70.696	16.827	159.249
38093.508	45140.375	30695.457	29.358	26.251
1.021				
1/1/2016 6:30:00 PM	2701800.000	70.680	16.827	159.213
38066.250	45108.176	30673.561	29.334	26.270
1.021				
1/1/2016 6:45:00 PM	2702700.000	70.695	16.827	159.248
38064.406	45106.078	30672.135	29.333	26.271
1.021				
1/1/2016 7:00:00 PM	2703600.000	70.690	16.827	159.237
38054.770	45093.668	30663.695	29.324	26.278

1.021				
1/1/2016 7:15:00 PM	2704500.000	70.673	16.829	159.197
38073.113	45114.066	30677.568	29.339	26.265
1.021				
1/1/2016 7:30:00 PM	2705400.000	70.673	16.831	159.197
38087.688	45129.441	30688.021	29.350	26.255
1.021				
1/1/2016 7:45:00 PM	2706300.000	70.672	16.825	159.196
38080.012	45126.090	30685.744	29.347	26.260
1.021				
1/1/2016 8:00:00 PM	2707200.000	70.683	16.832	159.221
38068.613	45105.961	30672.057	29.333	26.268
1.021				
1/1/2016 8:15:00 PM	2708100.000	70.669	16.828	159.188
38067.824	45109.059	30674.162	29.335	26.269
1.021				
1/1/2016 8:30:00 PM	2709000.000	70.681	16.832	159.215
38078.055	45117.047	30679.594	29.341	26.262
1.021				
1/1/2016 8:45:00 PM	2709900.000	70.682	16.823	159.219
38052.641	45095.445	30664.904	29.325	26.279
1.021				
1/1/2016 9:00:00 PM	2710800.000	70.662	16.835	159.173
38049.199	45079.016	30653.732	29.314	26.282
1.021				
1/1/2016 9:15:00 PM	2711700.000	70.679	16.831	159.212
38070.637	45108.711	30673.926	29.335	26.267
1.021				
1/1/2016 9:30:00 PM	2712600.000	70.658	16.830	159.165
38062.379	45100.441	30668.303	29.329	26.273
1.021				
1/1/2016 9:45:00 PM	2713500.000	70.673	16.831	159.198
38080.059	45119.785	30681.455	29.343	26.260
1.021				
1/1/2016 10:00:00 PM	2714400.000	70.673	16.830	159.198
38050.777	45086.789	30659.020	29.319	26.281
1.021				
1/1/2016 10:15:00 PM	2715300.000	70.651	16.834	159.149
38077.758	45114.543	30677.891	29.339	26.262
1.021				
1/1/2016 10:30:00 PM	2716200.000	70.667	16.832	159.185
38074.875	45113.379	30677.100	29.338	26.264
1.021				
1/1/2016 10:45:00 PM	2717100.000	70.650	16.826	159.145
38034.566	45071.066	30648.326	29.308	26.292
1.021				
1/1/2016 11:00:00 PM	2718000.000	70.662	16.833	159.173
38068.453	45104.688	30671.188	29.332	26.268
1.021				
1/1/2016 11:15:00 PM	2718900.000	70.642	16.825	159.128
38070.113	45114.801	30678.066	29.339	26.267
1.021				
1/1/2016 11:30:00 PM	2719800.000	70.662	16.825	159.174
38076.891	45122.125	30683.047	29.344	26.263
1.021				
1/1/2016 11:45:00 PM	2720700.000	70.658	16.836	159.163
38072.211	45105.199	30671.537	29.333	26.266

1.021				
1/2/2016 12:00:00 AM	2721600.000	70.646	16.829	159.136
38072.809	45113.430	30677.133	29.338	26.265
1.021				
1/2/2016 12:15:00 AM	2722500.000	70.642	16.836	159.128
38060.449	45092.074	30662.613	29.323	26.274
1.021				
1/2/2016 12:30:00 AM	2723400.000	70.657	16.824	159.162
38050.340	45092.188	30662.689	29.323	26.281
1.021				
1/2/2016 12:45:00 AM	2724300.000	70.640	16.827	159.123
38080.922	45125.461	30685.316	29.347	26.260
1.021				
1/2/2016 1:00:00 AM	2725200.000	70.659	16.828	159.165
38077.680	45120.637	30682.035	29.343	26.262
1.021				
1/2/2016 1:15:00 AM	2726100.000	70.641	16.829	159.126
38092.770	45137.621	30693.584	29.356	26.252
1.021				
1/2/2016 1:30:00 AM	2727000.000	70.641	16.829	159.126
38064.500	45104.039	30670.748	29.332	26.271
1.021				
1/2/2016 1:45:00 AM	2727900.000	70.658	16.841	159.164
38071.637	45099.602	30667.730	29.329	26.266
1.021				
1/2/2016 2:00:00 AM	2728800.000	70.646	16.834	159.136
38058.664	45091.750	30662.393	29.323	26.275
1.021				
1/2/2016 2:15:00 AM	2729700.000	70.665	16.833	159.180
38063.465	45097.965	30666.619	29.327	26.272
1.021				
1/2/2016 2:30:00 AM	2730600.000	70.648	16.831	159.141
38076.734	45116.383	30679.143	29.341	26.263
1.021				
1/2/2016 2:45:00 AM	2731500.000	70.651	16.830	159.149
38067.410	45106.051	30672.117	29.333	26.269
1.021				
1/2/2016 3:00:00 AM	2732400.000	70.656	16.826	159.160
38059.125	45100.262	30668.178	29.329	26.275
1.021				
1/2/2016 3:15:00 AM	2733300.000	70.675	16.834	159.202
38059.871	45093.000	30663.242	29.324	26.274
1.021				
1/2/2016 3:30:00 AM	2734200.000	70.658	16.828	159.165
38070.875	45112.043	30676.191	29.337	26.267
1.021				
1/2/2016 3:45:00 AM	2735100.000	70.663	16.827	159.176
38043.676	45081.152	30655.186	29.315	26.286
1.021				
1/2/2016 4:00:00 AM	2736000.000	70.666	16.831	159.183
38056.063	45091.441	30662.182	29.323	26.277
1.021				
1/2/2016 4:15:00 AM	2736900.000	70.690	16.820	159.236
38041.195	45085.195	30657.934	29.317	26.287
1.021				
1/2/2016 4:30:00 AM	2737800.000	70.675	16.827	159.202
38083.461	45127.844	30686.936	29.349	26.258

1.021				
1/2/2016 4:45:00 AM	2738700.000	70.693	16.830	159.242
38086.352	45128.410	30687.320	29.349	26.256
1.021				
1/2/2016 5:00:00 AM	2739600.000	70.700	16.833	159.258
38089.340	45128.988	30687.713	29.350	26.254
1.021				
1/2/2016 5:15:00 AM	2740500.000	70.684	16.832	159.222
38064.469	45100.949	30668.648	29.329	26.271
1.021				
1/2/2016 5:30:00 AM	2741400.000	70.705	16.831	159.270
38069.805	45107.996	30673.439	29.335	26.268
1.021				
1/2/2016 5:45:00 AM	2742300.000	70.688	16.832	159.232
38068.199	45105.109	30671.477	29.332	26.269
1.021				
1/2/2016 6:00:00 AM	2743200.000	70.697	16.822	159.252
38074.367	45122.984	30683.631	29.345	26.264
1.021				
1/2/2016 6:15:00 AM	2744100.000	70.718	16.829	159.298
38081.477	45124.238	30684.484	29.346	26.259
1.021				
1/2/2016 6:30:00 AM	2745000.000	70.721	16.831	159.307
38099.422	45142.816	30697.117	29.360	26.247
1.021				
1/2/2016 6:45:00 AM	2745900.000	70.703	16.825	159.266
38093.133	45141.723	30696.373	29.359	26.251
1.021				
1/2/2016 7:00:00 AM	2746800.000	70.726	16.825	159.318
38064.645	45108.148	30673.543	29.334	26.271
1.021				
1/2/2016 7:15:00 AM	2747700.000	70.713	16.829	159.288
38094.355	45139.059	30694.563	29.357	26.251
1.021				
1/2/2016 7:30:00 AM	2748600.000	70.727	16.824	159.320
38073.574	45119.895	30681.529	29.343	26.265
1.021				
1/2/2016 7:45:00 AM	2749500.000	70.735	16.824	159.338
38068.008	45112.859	30676.746	29.338	26.269
1.021				
1/2/2016 8:00:00 AM	2750400.000	70.716	16.831	159.294
38048.090	45082.523	30656.119	29.316	26.283
1.021				
1/2/2016 8:15:00 AM	2751300.000	70.719	16.829	159.301
38079.473	45121.328	30682.504	29.344	26.261
1.021				
1/2/2016 8:30:00 AM	2752200.000	70.736	16.826	159.339
38082.480	45128.219	30687.191	29.349	26.259
1.021				
1/2/2016 8:45:00 AM	2753100.000	70.737	16.822	159.342
38099.402	45152.469	30703.682	29.366	26.247
1.021				
1/2/2016 9:00:00 AM	2754000.000	70.736	16.821	159.340
38071.359	45120.137	30681.693	29.343	26.266
1.021				
1/2/2016 9:15:00 AM	2754900.000	70.734	16.830	159.334
38089.949	45132.488	30690.094	29.352	26.254

1.021				
1/2/2016 9:30:00 AM	2755800.000	70.733	16.819	159.334
38048.031	45094.023	30663.938	29.324	26.283
1.021				
1/2/2016 9:45:00 AM	2756700.000	70.719	16.821	159.302
38087.629	45139.160	30694.629	29.356	26.255
1.021				
1/2/2016 10:00:00 AM	2757600.000	70.732	16.825	159.331
38077.363	45123.035	30683.666	29.345	26.262
1.021				
1/2/2016 10:15:00 AM	2758500.000	70.735	16.830	159.338
38077.773	45118.426	30680.531	29.342	26.262
1.021				
1/2/2016 10:30:00 AM	2759400.000	70.731	16.829	159.329
38070.094	45110.488	30675.135	29.336	26.267
1.021				
1/2/2016 10:45:00 AM	2760300.000	70.729	16.831	159.325
38045.531	45079.492	30654.057	29.314	26.284
1.021				
1/2/2016 11:00:00 AM	2761200.000	70.716	16.826	159.294
38085.801	45132.230	30689.918	29.352	26.257
1.021				
1/2/2016 11:15:00 AM	2762100.000	70.715	16.820	159.292
38069.359	45118.480	30680.568	29.341	26.268
1.021				
1/2/2016 11:30:00 AM	2763000.000	70.713	16.819	159.289
38074.203	45124.855	30684.904	29.346	26.265
1.021				
1/2/2016 11:45:00 AM	2763900.000	70.710	16.833	159.281
38076.035	45113.133	30676.932	29.338	26.263
1.021				
1/2/2016 12:00:00 PM	2764800.000	70.710	16.819	159.280
38086.656	45140.418	30695.486	29.357	26.256
1.021				
1/2/2016 12:15:00 PM	2765700.000	70.720	16.822	159.303
38067.348	45113.684	30677.305	29.338	26.269
1.021				
1/2/2016 12:30:00 PM	2766600.000	70.707	16.823	159.275
38072.344	45118.793	30680.781	29.342	26.266
1.021				
1/2/2016 12:45:00 PM	2767500.000	70.723	16.820	159.311
38073.180	45122.652	30683.404	29.345	26.265
1.021				
1/2/2016 1:00:00 PM	2768400.000	70.721	16.826	159.307
38057.176	45097.602	30666.371	29.327	26.276
1.021				
1/2/2016 1:15:00 PM	2769300.000	70.721	16.838	159.306
38087.891	45122.086	30683.021	29.345	26.255
1.021				
1/2/2016 1:30:00 PM	2770200.000	70.702	16.823	159.262
38052.270	45095.004	30664.604	29.325	26.280
1.021				
1/2/2016 1:45:00 PM	2771100.000	70.699	16.827	159.257
38101.367	45149.242	30701.486	29.364	26.246
1.021				
1/2/2016 2:00:00 PM	2772000.000	70.713	16.831	159.289
38045.754	45079.582	30654.117	29.314	26.284

1.021				
1/2/2016 2:15:00 PM	2772900.000	70.711	16.826	159.283
38063.613	45105.758	30671.916	29.333	26.272
1.021				
1/2/2016 2:30:00 PM	2773800.000	70.700	16.823	159.258
38082.941	45131.625	30689.506	29.351	26.258
1.021				
1/2/2016 2:45:00 PM	2774700.000	70.717	16.835	159.296
38058.684	45090.613	30661.619	29.322	26.275
1.021				
1/2/2016 3:00:00 PM	2775600.000	70.712	16.831	159.286
38079.781	45119.645	30681.359	29.343	26.261
1.021				
1/2/2016 3:15:00 PM	2776500.000	70.696	16.825	159.251
38065.707	45108.949	30674.088	29.335	26.270
1.021				
1/2/2016 3:30:00 PM	2777400.000	70.696	16.829	159.250
38077.418	45118.891	30680.848	29.342	26.262
1.021				
1/2/2016 3:45:00 PM	2778300.000	70.714	16.829	159.290
38053.199	45090.543	30661.572	29.322	26.279
1.021				
1/2/2016 4:00:00 PM	2779200.000	70.711	16.826	159.283
38063.727	45105.363	30671.648	29.332	26.272
1.021				
1/2/2016 4:15:00 PM	2780100.000	70.711	16.825	159.283
38070.566	45114.707	30678.004	29.339	26.267
1.021				
1/2/2016 4:30:00 PM	2781000.000	70.713	16.832	159.289
38059.867	45095.316	30664.818	29.325	26.274
1.021				
1/2/2016 4:45:00 PM	2781900.000	70.707	16.836	159.274
38066.270	45098.160	30666.752	29.328	26.270
1.021				
1/2/2016 5:00:00 PM	2782800.000	70.710	16.836	159.282
38072.102	45105.602	30671.811	29.333	26.266
1.021				
1/2/2016 5:15:00 PM	2783700.000	70.693	16.834	159.244
38097.535	45137.711	30693.645	29.356	26.248
1.021				
1/2/2016 5:30:00 PM	2784600.000	70.696	16.830	159.249
38043.281	45077.559	30652.742	29.312	26.286
1.021				
1/2/2016 5:45:00 PM	2785500.000	70.695	16.822	159.247
38106.082	45159.766	30708.643	29.371	26.243
1.021				
1/2/2016 6:00:00 PM	2786400.000	70.698	16.827	159.255
38049.336	45087.945	30659.803	29.320	26.282
1.021				
1/2/2016 6:15:00 PM	2787300.000	70.696	16.824	159.250
38049.344	45090.742	30661.707	29.322	26.282
1.021				
1/2/2016 6:30:00 PM	2788200.000	70.697	16.833	159.253
38100.625	45142.723	30697.053	29.360	26.246
1.021				
1/2/2016 6:45:00 PM	2789100.000	70.715	16.835	159.291
38077.113	45112.266	30676.344	29.338	26.262

1.021				
1/2/2016 7:00:00 PM	2790000.000	70.694	16.832	159.246
38058.777	45093.844	30663.816	29.324	26.275
1.021				
1/2/2016 7:15:00 PM	2790900.000	70.693	16.837	159.243
38112.824	45152.961	30704.016	29.367	26.238
1.021				
1/2/2016 7:30:00 PM	2791800.000	70.715	16.830	159.293
38073.066	45112.297	30676.363	29.338	26.265
1.021				
1/2/2016 7:45:00 PM	2792700.000	70.713	16.833	159.287
38088.582	45128.539	30687.408	29.349	26.255
1.021				
1/2/2016 8:00:00 PM	2793600.000	70.693	16.834	159.243
38056.652	45089.000	30660.521	29.321	26.277
1.021				
1/2/2016 8:15:00 PM	2794500.000	70.692	16.831	159.240
38088.730	45130.148	30688.504	29.351	26.254
1.021				
1/2/2016 8:30:00 PM	2795400.000	70.704	16.839	159.268
38072.215	45102.602	30669.771	29.331	26.266
1.021				
1/2/2016 8:45:00 PM	2796300.000	70.707	16.834	159.275
38066.297	45101.145	30668.781	29.330	26.270
1.021				
1/2/2016 9:00:00 PM	2797200.000	70.691	16.825	159.238
38046.977	45086.855	30659.063	29.319	26.283
1.021				
1/2/2016 9:15:00 PM	2798100.000	70.703	16.824	159.265
38077.973	45124.570	30684.709	29.346	26.262
1.021				
1/2/2016 9:30:00 PM	2799000.000	70.685	16.825	159.225
38070.465	45114.590	30677.924	29.339	26.267
1.021				
1/2/2016 9:45:00 PM	2799900.000	70.703	16.817	159.266
38079.637	45133.613	30690.859	29.352	26.261
1.021				
1/2/2016 10:00:00 PM	2800800.000	70.682	16.827	159.218
38068.012	45109.813	30674.674	29.336	26.269
1.021				
1/2/2016 10:15:00 PM	2801700.000	70.694	16.833	159.245
38080.602	45118.371	30680.494	29.342	26.260
1.021				
1/2/2016 10:30:00 PM	2802600.000	70.683	16.822	159.219
38068.641	45115.480	30678.529	29.339	26.268
1.021				
1/2/2016 10:45:00 PM	2803500.000	70.679	16.829	159.211
38088.430	45132.215	30689.906	29.352	26.255
1.021				
1/2/2016 11:00:00 PM	2804400.000	70.690	16.820	159.237
38042.402	45086.363	30658.729	29.318	26.286
1.021				
1/2/2016 11:15:00 PM	2805300.000	70.692	16.828	159.240
38087.648	45131.918	30689.707	29.352	26.255
1.021				
1/2/2016 11:30:00 PM	2806200.000	70.691	16.818	159.238
38056.867	45106.285	30672.275	29.333	26.276

1.021				
1/2/2016 11:45:00 PM	2807100.000	70.691	16.822	159.238
38070.555	45117.570	30679.949	29.341	26.267
1.021				
1/3/2016 12:00:00 AM	2808000.000	70.688	16.821	159.231
38083.039	45133.719	30690.932	29.353	26.258
1.021				
1/3/2016 12:15:00 AM	2808900.000	70.673	16.829	159.199
38057.273	45095.371	30664.854	29.325	26.276
1.021				
1/3/2016 12:30:00 AM	2809800.000	70.688	16.825	159.231
38059.051	45100.805	30668.549	29.329	26.275
1.021				
1/3/2016 12:45:00 AM	2810700.000	70.673	16.826	159.198
38052.324	45092.656	30663.008	29.323	26.280
1.021				
1/3/2016 1:00:00 AM	2811600.000	70.685	16.832	159.225
38068.219	45105.215	30671.549	29.333	26.269
1.021				
1/3/2016 1:15:00 AM	2812500.000	70.687	16.832	159.229
38066.996	45103.684	30670.508	29.331	26.269
1.021				
1/3/2016 1:30:00 AM	2813400.000	70.688	16.831	159.231
38069.438	45107.465	30673.078	29.334	26.268
1.021				
1/3/2016 1:45:00 AM	2814300.000	70.670	16.827	159.190
38079.082	45123.281	30683.834	29.345	26.261
1.021				
1/3/2016 2:00:00 AM	2815200.000	70.685	16.827	159.226
38095.508	45142.469	30696.881	29.359	26.250
1.021				
1/3/2016 2:15:00 AM	2816100.000	70.686	16.831	159.227
38071.441	45109.934	30674.758	29.336	26.266
1.021				
1/3/2016 2:30:00 AM	2817000.000	70.670	16.831	159.190
38069.875	45108.258	30673.617	29.335	26.267
1.021				
1/3/2016 2:45:00 AM	2817900.000	70.689	16.830	159.234
38082.941	45124.098	30684.389	29.346	26.258
1.021				
1/3/2016 3:00:00 AM	2818800.000	70.679	16.835	159.211
38080.277	45115.918	30678.826	29.340	26.260
1.021				
1/3/2016 3:15:00 AM	2819700.000	70.678	16.837	159.210
38080.270	45114.031	30677.541	29.339	26.260
1.021				
1/3/2016 3:30:00 AM	2820600.000	70.685	16.838	159.225
38079.129	45111.879	30676.078	29.338	26.261
1.021				
1/3/2016 3:45:00 AM	2821500.000	70.700	16.840	159.259
38082.281	45113.461	30677.156	29.339	26.259
1.021				
1/3/2016 4:00:00 AM	2822400.000	70.705	16.830	159.271
38080.082	45120.797	30682.145	29.344	26.260
1.021				
1/3/2016 4:15:00 AM	2823300.000	70.708	16.831	159.277
38072.957	45111.457	30675.793	29.337	26.265

1.021				
1/3/2016 4:30:00 AM	2824200.000	70.714	16.841	159.291
38067.590	45094.703	30664.400	29.325	26.269
1.021				
1/3/2016 4:45:00 AM	2825100.000	70.714	16.845	159.290
38082.859	45109.211	30674.266	29.336	26.259
1.021				
1/3/2016 5:00:00 AM	2826000.000	70.721	16.833	159.307
38082.813	45121.445	30682.584	29.344	26.259
1.021				
1/3/2016 5:15:00 AM	2826900.000	70.727	16.830	159.319
38094.434	45137.984	30693.832	29.356	26.251
1.021				
1/3/2016 5:30:00 AM	2827800.000	70.725	16.828	159.315
38066.859	45107.637	30673.195	29.334	26.270
1.021				
1/3/2016 5:45:00 AM	2828700.000	70.729	16.834	159.325
38078.840	45115.117	30678.279	29.340	26.261
1.021				
1/3/2016 6:00:00 AM	2829600.000	70.720	16.830	159.304
38049.867	45085.266	30657.982	29.318	26.281
1.021				
1/3/2016 6:15:00 AM	2830500.000	70.723	16.821	159.311
38074.461	45123.902	30684.256	29.345	26.264
1.021				
1/3/2016 6:30:00 AM	2831400.000	70.725	16.827	159.315
38075.285	45118.508	30680.588	29.342	26.264
1.021				
1/3/2016 6:45:00 AM	2832300.000	70.730	16.825	159.325
38065.621	45109.480	30674.447	29.335	26.270
1.021				
1/3/2016 7:00:00 AM	2833200.000	70.736	16.825	159.339
38086.684	45133.727	30690.936	29.353	26.256
1.021				
1/3/2016 7:15:00 AM	2834100.000	70.741	16.821	159.351
38064.922	45112.684	30676.627	29.337	26.271
1.021				
1/3/2016 7:30:00 AM	2835000.000	70.739	16.836	159.346
38088.180	45125.020	30685.016	29.347	26.255
1.021				
1/3/2016 7:45:00 AM	2835900.000	70.761	16.825	159.396
38086.977	45134.426	30691.412	29.353	26.256
1.021				
1/3/2016 8:00:00 AM	2836800.000	70.757	16.829	159.387
38084.070	45126.418	30685.967	29.348	26.258
1.021				
1/3/2016 8:15:00 AM	2837700.000	70.747	16.817	159.365
38061.441	45112.777	30676.691	29.337	26.273
1.021				
1/3/2016 8:30:00 AM	2838600.000	70.749	16.831	159.368
38096.695	45139.402	30694.793	29.357	26.249
1.021				
1/3/2016 8:45:00 AM	2839500.000	70.771	16.826	159.420
38068.621	45111.422	30675.770	29.337	26.268
1.021				
1/3/2016 9:00:00 AM	2840400.000	70.762	16.827	159.397
38065.082	45105.887	30672.004	29.333	26.271

1.021				
1/3/2016 9:15:00 AM	2841300.000	70.749	16.830	159.369
38092.957	45135.965	30692.459	29.355	26.252
1.021				
1/3/2016 9:30:00 AM	2842200.000	70.769	16.828	159.415
38063.430	45102.941	30670.002	29.331	26.272
1.021				
1/3/2016 9:45:00 AM	2843100.000	70.754	16.822	159.381
38059.645	45104.730	30671.219	29.332	26.275
1.021				
1/3/2016 10:00:00 AM	2844000.000	70.765	16.827	159.406
38088.633	45134.246	30691.287	29.353	26.255
1.021				
1/3/2016 10:15:00 AM	2844900.000	70.764	16.825	159.403
38075.027	45119.738	30681.424	29.343	26.264
1.021				
1/3/2016 10:30:00 AM	2845800.000	70.766	16.831	159.407
38065.855	45102.953	30670.010	29.331	26.270
1.021				
1/3/2016 10:45:00 AM	2846700.000	70.766	16.826	159.408
38068.379	45111.773	30676.008	29.337	26.269
1.021				
1/3/2016 11:00:00 AM	2847600.000	70.747	16.820	159.365
38059.340	45106.250	30672.250	29.333	26.275
1.021				
1/3/2016 11:15:00 AM	2848500.000	70.764	16.823	159.402
38057.457	45101.238	30668.842	29.329	26.276
1.021				
1/3/2016 11:30:00 AM	2849400.000	70.762	16.838	159.397
38120.844	45161.652	30709.924	29.374	26.232
1.021				
1/3/2016 11:45:00 AM	2850300.000	70.757	16.822	159.387
38027.379	45067.031	30645.584	29.304	26.297
1.021				
1/3/2016 12:00:00 PM	2851200.000	70.757	16.830	159.386
38094.887	45138.609	30694.256	29.357	26.250
1.021				
1/3/2016 12:15:00 PM	2852100.000	70.742	16.824	159.354
38051.754	45094.129	30664.010	29.324	26.280
1.021				
1/3/2016 12:30:00 PM	2853000.000	70.753	16.826	159.377
38064.059	45105.832	30671.969	29.333	26.272
1.021				
1/3/2016 12:45:00 PM	2853900.000	70.752	16.838	159.376
38085.438	45118.992	30680.916	29.343	26.257
1.021				
1/3/2016 1:00:00 PM	2854800.000	70.754	16.834	159.380
38090.859	45129.527	30688.080	29.350	26.253
1.021				
1/3/2016 1:15:00 PM	2855700.000	70.730	16.832	159.327
38074.949	45113.109	30676.916	29.338	26.264
1.021				
1/3/2016 1:30:00 PM	2856600.000	70.747	16.837	159.365
38101.512	45139.023	30694.539	29.357	26.246
1.021				
1/3/2016 1:45:00 PM	2857500.000	70.745	16.813	159.361
38051.609	45104.523	30671.078	29.331	26.280

1.021				
1/3/2016 2:00:00 PM	2858400.000	70.745	16.823	159.360
38038.145	45078.266	30653.223	29.313	26.289
1.021				
1/3/2016 2:15:00 PM	2859300.000	70.729	16.836	159.323
38053.234	45082.898	30656.371	29.317	26.279
1.021				
1/3/2016 2:30:00 PM	2860200.000	70.736	16.839	159.340
38092.383	45126.496	30686.020	29.348	26.252
1.021				
1/3/2016 2:45:00 PM	2861100.000	70.719	16.825	159.303
38061.961	45105.063	30671.443	29.332	26.273
1.021				
1/3/2016 3:00:00 PM	2862000.000	70.739	16.832	159.346
38072.438	45110.211	30674.943	29.336	26.266
1.021				
1/3/2016 3:15:00 PM	2862900.000	70.721	16.824	159.306
38083.168	45130.641	30688.838	29.350	26.258
1.021				
1/3/2016 3:30:00 PM	2863800.000	70.718	16.831	159.300
38059.809	45096.512	30665.631	29.326	26.274
1.021				
1/3/2016 3:45:00 PM	2864700.000	70.735	16.825	159.338
38040.797	45079.980	30654.389	29.314	26.288
1.021				
1/3/2016 4:00:00 PM	2865600.000	70.737	16.847	159.342
38095.719	45122.566	30683.348	29.346	26.250
1.021				
1/3/2016 4:15:00 PM	2866500.000	70.734	16.839	159.334
38084.406	45116.594	30679.285	29.341	26.257
1.021				
1/3/2016 4:30:00 PM	2867400.000	70.734	16.830	159.334
38058.406	45095.656	30665.049	29.326	26.275
1.021				
1/3/2016 4:45:00 PM	2868300.000	70.721	16.827	159.306
38076.723	45119.680	30681.385	29.343	26.263
1.021				
1/3/2016 5:00:00 PM	2869200.000	70.742	16.824	159.353
38073.348	45119.086	30680.980	29.342	26.265
1.021				
1/3/2016 5:15:00 PM	2870100.000	70.734	16.823	159.335
38048.371	45090.656	30661.648	29.322	26.282
1.021				
1/3/2016 5:30:00 PM	2871000.000	70.724	16.825	159.313
38069.445	45113.566	30677.225	29.338	26.268
1.021				
1/3/2016 5:45:00 PM	2871900.000	70.737	16.831	159.342
38057.461	45093.277	30663.432	29.324	26.276
1.021				
1/3/2016 6:00:00 PM	2872800.000	70.736	16.825	159.339
38100.039	45149.633	30701.752	29.364	26.247
1.021				
1/3/2016 6:15:00 PM	2873700.000	70.742	16.827	159.354
38067.215	45109.406	30674.398	29.335	26.269
1.021				
1/3/2016 6:30:00 PM	2874600.000	70.726	16.819	159.317
38057.230	45105.004	30671.404	29.332	26.276

1.021				
1/3/2016 6:45:00 PM	2875500.000	70.726	16.832	159.317
38090.207	45131.086	30689.141	29.351	26.253
1.021				
1/3/2016 7:00:00 PM	2876400.000	70.725	16.833	159.315
38075.293	45111.980	30676.148	29.338	26.264
1.021				
1/3/2016 7:15:00 PM	2877300.000	70.729	16.838	159.323
38047.715	45074.301	30650.525	29.311	26.283
1.021				
1/3/2016 7:30:00 PM	2878200.000	70.744	16.837	159.357
38092.094	45128.402	30687.314	29.350	26.252
1.021				
1/3/2016 7:45:00 PM	2879100.000	70.748	16.823	159.367
38042.828	45084.090	30657.184	29.317	26.286
1.021				
1/3/2016 8:00:00 PM	2880000.000	70.744	16.832	159.359
38055.438	45089.359	30660.766	29.321	26.277
1.021				
1/3/2016 8:15:00 PM	2880900.000	70.752	16.822	159.376
38070.371	45117.352	30679.801	29.341	26.267
1.021				
1/3/2016 8:30:00 PM	2881800.000	70.749	16.833	159.369
38049.090	45081.117	30655.160	29.315	26.282
1.021				
1/3/2016 8:45:00 PM	2882700.000	70.754	16.834	159.380
38062.703	45096.809	30665.830	29.327	26.272
1.021				
1/3/2016 9:00:00 PM	2883600.000	70.733	16.831	159.334
38086.168	45127.563	30686.742	29.349	26.256
1.021				
1/3/2016 9:15:00 PM	2884500.000	70.749	16.832	159.369
38069.555	45106.266	30672.264	29.333	26.268
1.021				
1/3/2016 9:30:00 PM	2885400.000	70.754	16.825	159.380
38063.758	45106.383	30672.340	29.333	26.272
1.021				
1/3/2016 9:45:00 PM	2886300.000	70.739	16.837	159.346
38056.953	45086.770	30659.006	29.319	26.276
1.021				
1/3/2016 10:00:00 PM	2887200.000	70.755	16.832	159.384
38069.098	45106.176	30672.201	29.333	26.268
1.021				
1/3/2016 10:15:00 PM	2888100.000	70.738	16.837	159.345
38083.574	45118.133	30680.332	29.342	26.258
1.021				
1/3/2016 10:30:00 PM	2889000.000	70.754	16.835	159.380
38062.777	45095.914	30665.225	29.326	26.272
1.021				
1/3/2016 10:45:00 PM	2889900.000	70.741	16.817	159.351
38073.316	45126.125	30685.766	29.347	26.265
1.021				
1/3/2016 11:00:00 PM	2890800.000	70.753	16.819	159.378
38081.309	45133.465	30690.758	29.352	26.260
1.021				
1/3/2016 11:15:00 PM	2891700.000	70.741	16.826	159.351
38067.324	45109.703	30674.600	29.335	26.269

1.021				
1/3/2016 11:30:00 PM	2892600.000	70.736	16.828	159.339
38081.285	45124.730	30684.818	29.346	26.260
1.021				
1/3/2016 11:45:00 PM	2893500.000	70.748	16.830	159.367
38063.504	45101.871	30669.275	29.330	26.272
1.021				
1/4/2016 12:00:00 AM	2894400.000	70.755	16.829	159.382
38073.992	45114.391	30677.785	29.339	26.265
1.021				
1/4/2016 12:15:00 AM	2895300.000	70.735	16.833	159.337
38085.426	45124.168	30684.436	29.346	26.257
1.021				
1/4/2016 12:30:00 AM	2896200.000	70.754	16.826	159.380
38079.156	45124.543	30684.691	29.346	26.261
1.021				
1/4/2016 12:45:00 AM	2897100.000	70.736	16.826	159.340
38088.113	45134.520	30691.475	29.353	26.255
1.021				
1/4/2016 1:00:00 AM	2898000.000	70.750	16.835	159.371
38100.504	45140.613	30695.619	29.358	26.246
1.021				
1/4/2016 1:15:00 AM	2898900.000	70.749	16.843	159.369
38064.672	45089.918	30661.146	29.322	26.271
1.021				
1/4/2016 1:30:00 AM	2899800.000	70.753	16.832	159.377
38065.895	45101.828	30669.244	29.330	26.270
1.021				
1/4/2016 1:45:00 AM	2900700.000	70.751	16.831	159.373
38096.375	45139.207	30694.662	29.357	26.249
1.021				
1/4/2016 2:00:00 AM	2901600.000	70.749	16.828	159.370
38069.781	45111.004	30675.484	29.337	26.268
1.021				
1/4/2016 2:15:00 AM	2902500.000	70.755	16.825	159.384
38070.734	45115.094	30678.264	29.339	26.267
1.021				
1/4/2016 2:30:00 AM	2903400.000	70.740	16.827	159.350
38094.430	45140.938	30695.840	29.358	26.251
1.021				
1/4/2016 2:45:00 AM	2904300.000	70.741	16.826	159.351
38065.063	45107.578	30673.154	29.334	26.271
1.021				
1/4/2016 3:00:00 AM	2905200.000	70.745	16.830	159.360
38070.613	45109.664	30674.574	29.336	26.267
1.021				
1/4/2016 3:15:00 AM	2906100.000	70.762	16.831	159.399
38076.586	45116.207	30679.023	29.340	26.263
1.021				
1/4/2016 3:30:00 AM	2907000.000	70.769	16.828	159.415
38088.023	45132.441	30690.063	29.352	26.255
1.021				
1/4/2016 3:45:00 AM	2907900.000	70.770	16.836	159.417
38055.602	45086.426	30658.771	29.319	26.277
1.021				
1/4/2016 4:00:00 AM	2908800.000	70.755	16.836	159.383
38096.039	45134.148	30691.221	29.354	26.249

1.021				
1/4/2016 4:15:00 AM	2909700.000	70.775	16.826	159.427
38048.746	45088.242	30660.008	29.320	26.282
1.021				
1/4/2016 4:30:00 AM	2910600.000	70.765	16.832	159.406
38079.852	45118.918	30680.867	29.342	26.261
1.021				
1/4/2016 4:45:00 AM	2911500.000	70.780	16.827	159.438
38073.527	45116.348	30679.119	29.340	26.265
1.021				
1/4/2016 5:00:00 AM	2912400.000	70.774	16.820	159.426
38076.871	45127.477	30686.686	29.348	26.263
1.021				
1/4/2016 5:15:00 AM	2913300.000	70.777	16.813	159.432
38068.238	45124.238	30684.484	29.345	26.269
1.021				
1/4/2016 5:30:00 AM	2914200.000	70.798	16.820	159.478
38041.184	45085.180	30657.922	29.317	26.287
1.021				
1/4/2016 5:45:00 AM	2915100.000	70.782	16.824	159.443
38070.355	45115.813	30678.752	29.340	26.267
1.021				
1/4/2016 6:00:00 AM	2916000.000	70.800	16.836	159.483
38088.688	45125.250	30685.172	29.347	26.255
1.021				
1/4/2016 6:15:00 AM	2916900.000	70.790	16.829	159.462
38071.563	45111.773	30676.008	29.337	26.266
1.021				
1/4/2016 6:30:00 AM	2917800.000	70.795	16.821	159.472
38057.988	45104.109	30670.795	29.331	26.276
1.021				
1/4/2016 6:45:00 AM	2918700.000	70.802	16.830	159.487
38073.508	45113.008	30676.848	29.338	26.265
1.021				
1/4/2016 7:00:00 AM	2919600.000	70.802	16.833	159.487
38039.910	45070.332	30647.828	29.307	26.288
1.021				
1/4/2016 7:15:00 AM	2920500.000	70.823	16.825	159.536
38088.219	45136.258	30692.658	29.355	26.255
1.021				
1/4/2016 7:30:00 AM	2921400.000	70.824	16.819	159.538
38057.633	45106.203	30672.221	29.333	26.276
1.021				
1/4/2016 7:45:00 AM	2922300.000	70.827	16.828	159.545
38072.410	45114.215	30677.668	29.339	26.266
1.021				
1/4/2016 8:00:00 AM	2923200.000	70.818	16.825	159.525
38065.273	45108.266	30673.623	29.334	26.271
1.021				
1/4/2016 8:15:00 AM	2924100.000	70.838	16.825	159.570
38031.031	45067.688	30646.029	29.305	26.294
1.021				
1/4/2016 8:30:00 AM	2925000.000	70.840	16.822	159.573
38076.855	45125.402	30685.273	29.347	26.263
1.021				
1/4/2016 8:45:00 AM	2925900.000	70.841	16.831	159.577
38082.832	45123.516	30683.992	29.346	26.259

1.021				
1/4/2016 9:00:00 AM	2926800.000	70.822	16.830	159.534
38058.523	45095.871	30665.195	29.326	26.275
1.021				
1/4/2016 9:15:00 AM	2927700.000	70.830	16.827	159.551
38073.730	45116.586	30679.281	29.340	26.265
1.021				
1/4/2016 9:30:00 AM	2928600.000	70.829	16.828	159.549
38083.402	45126.965	30686.336	29.348	26.258
1.021				
1/4/2016 9:45:00 AM	2929500.000	70.832	16.831	159.557
38077.055	45116.586	30679.281	29.341	26.263
1.021				
1/4/2016 10:00:00 AM	2930400.000	70.848	16.830	159.593
38087.105	45129.836	30688.289	29.350	26.256
1.021				
1/4/2016 10:15:00 AM	2931300.000	70.832	16.835	159.555
38065.582	45098.785	30667.176	29.328	26.270
1.021				
1/4/2016 10:30:00 AM	2932200.000	70.841	16.825	159.576
38073.164	45117.707	30680.043	29.341	26.265
1.021				
1/4/2016 10:45:00 AM	2933100.000	70.848	16.831	159.591
38040.254	45072.527	30649.320	29.309	26.288
1.021				
1/4/2016 11:00:00 AM	2934000.000	70.829	16.826	159.550
38073.711	45117.273	30679.746	29.341	26.265
1.021				
1/4/2016 11:15:00 AM	2934900.000	70.844	16.837	159.582
38073.105	45106.078	30672.135	29.333	26.265
1.021				
1/4/2016 11:30:00 AM	2935800.000	70.825	16.829	159.541
38050.445	45087.027	30659.182	29.319	26.281
1.021				
1/4/2016 11:45:00 AM	2936700.000	70.822	16.824	159.534
38060.363	45103.973	30670.701	29.331	26.274
1.021				
1/4/2016 12:00:00 PM	2937600.000	70.824	16.827	159.538
38069.387	45111.617	30675.902	29.337	26.268
1.021				
1/4/2016 12:15:00 PM	2938500.000	70.822	16.819	159.532
38042.102	45087.250	30659.332	29.319	26.287
1.021				
1/4/2016 12:30:00 PM	2939400.000	70.819	16.825	159.527
38080.805	45127.301	30686.564	29.348	26.260
1.021				
1/4/2016 12:45:00 PM	2940300.000	70.816	16.821	159.521
38085.008	45135.961	30692.455	29.354	26.257
1.021				
1/4/2016 1:00:00 PM	2941200.000	70.829	16.829	159.550
38068.191	45107.703	30673.240	29.334	26.269
1.021				
1/4/2016 1:15:00 PM	2942100.000	70.826	16.830	159.542
38066.922	45105.645	30671.838	29.333	26.270
1.021				
1/4/2016 1:30:00 PM	2943000.000	70.821	16.828	159.532
38041.703	45077.195	30652.494	29.312	26.287

1.021				
1/4/2016 1:45:00 PM	2943900.000	70.819	16.832	159.527
38083.313	45122.465	30683.279	29.345	26.258
1.021				
1/4/2016 2:00:00 PM	2944800.000	70.800	16.836	159.484
38056.742	45087.316	30659.377	29.320	26.277
1.021				
1/4/2016 2:15:00 PM	2945700.000	70.812	16.827	159.512
38053.043	45091.715	30662.369	29.323	26.279
1.021				
1/4/2016 2:30:00 PM	2946600.000	70.790	16.834	159.462
38072.500	45108.418	30673.725	29.335	26.266
1.021				
1/4/2016 2:45:00 PM	2947500.000	70.806	16.837	159.498
38073.242	45105.438	30671.699	29.333	26.265
1.021				
1/4/2016 3:00:00 PM	2948400.000	70.789	16.835	159.459
38057.676	45089.871	30661.115	29.322	26.276
1.021				
1/4/2016 3:15:00 PM	2949300.000	70.784	16.838	159.448
38107.621	45145.535	30698.967	29.362	26.241
1.021				
1/4/2016 3:30:00 PM	2950200.000	70.788	16.828	159.457
38060.469	45100.344	30668.236	29.329	26.274
1.021				
1/4/2016 3:45:00 PM	2951100.000	70.779	16.827	159.435
38070.688	45113.332	30677.068	29.338	26.267
1.021				
1/4/2016 4:00:00 PM	2952000.000	70.782	16.833	159.443
38065.559	45101.172	30668.799	29.330	26.270
1.021				
1/4/2016 4:15:00 PM	2952900.000	70.796	16.826	159.475
38058.008	45098.758	30667.158	29.328	26.276
1.021				
1/4/2016 4:30:00 PM	2953800.000	70.779	16.829	159.437
38057.707	45095.449	30664.908	29.325	26.276
1.021				
1/4/2016 4:45:00 PM	2954700.000	70.779	16.828	159.435
38068.258	45109.473	30674.441	29.335	26.269
1.021				
1/4/2016 5:00:00 PM	2955600.000	70.774	16.836	159.426
38073.465	45107.313	30672.973	29.334	26.265
1.021				
1/4/2016 5:15:00 PM	2956500.000	70.778	16.830	159.434
38076.594	45116.750	30679.393	29.341	26.263
1.021				
1/4/2016 5:30:00 PM	2957400.000	70.779	16.828	159.438
38070.559	45111.387	30675.744	29.337	26.267
1.021				
1/4/2016 5:45:00 PM	2958300.000	70.793	16.826	159.469
38061.887	45103.711	30670.525	29.331	26.273
1.021				
1/4/2016 6:00:00 PM	2959200.000	70.797	16.837	159.476
38064.160	45095.578	30664.996	29.326	26.271
1.021				
1/4/2016 6:15:00 PM	2960100.000	70.779	16.837	159.438
38065.668	45096.465	30665.598	29.327	26.270

1.021				
1/4/2016 6:30:00 PM	2961000.000	70.779	16.830	159.435
38073.813	45113.367	30677.092	29.338	26.265
1.021				
1/4/2016 6:45:00 PM	2961900.000	70.780	16.825	159.439
38040.168	45078.875	30653.637	29.313	26.288
1.021				
1/4/2016 7:00:00 PM	2962800.000	70.777	16.822	159.433
38056.438	45100.754	30668.514	29.329	26.277
1.021				
1/4/2016 7:15:00 PM	2963700.000	70.796	16.824	159.475
38047.488	45088.168	30659.955	29.320	26.283
1.021				
1/4/2016 7:30:00 PM	2964600.000	70.784	16.842	159.447
38037.184	45058.066	30639.488	29.299	26.290
1.021				
1/4/2016 7:45:00 PM	2965500.000	70.782	16.836	159.444
38069.809	45103.070	30670.090	29.331	26.268
1.021				
1/4/2016 8:00:00 PM	2966400.000	70.787	16.819	159.455
38083.035	45135.320	30692.018	29.354	26.258
1.021				
1/4/2016 8:15:00 PM	2967300.000	70.808	16.827	159.502
38073.820	45116.336	30679.111	29.340	26.265
1.021				
1/4/2016 8:30:00 PM	2968200.000	70.789	16.829	159.459
38057.984	45095.609	30665.016	29.325	26.276
1.021				
1/4/2016 8:45:00 PM	2969100.000	70.789	16.832	159.459
38074.930	45112.898	30676.773	29.338	26.264
1.021				
1/4/2016 9:00:00 PM	2970000.000	70.789	16.823	159.460
38073.086	45119.949	30681.568	29.343	26.265
1.021				
1/4/2016 9:15:00 PM	2970900.000	70.796	16.828	159.476
38097.660	45144.313	30698.133	29.361	26.248
1.021				
1/4/2016 9:30:00 PM	2971800.000	70.793	16.825	159.468
38056.602	45098.531	30667.004	29.327	26.277
1.021				
1/4/2016 9:45:00 PM	2972700.000	70.798	16.825	159.479
38079.715	45125.738	30685.504	29.347	26.261
1.021				
1/4/2016 10:00:00 PM	2973600.000	70.816	16.830	159.520
38076.684	45117.313	30679.775	29.341	26.263
1.021				
1/4/2016 10:15:00 PM	2974500.000	70.817	16.823	159.522
38040.684	45081.457	30655.393	29.315	26.288
1.021				
1/4/2016 10:30:00 PM	2975400.000	70.819	16.825	159.527
38065.617	45108.672	30673.898	29.335	26.270
1.021				
1/4/2016 10:45:00 PM	2976300.000	70.819	16.827	159.526
38081.793	45125.785	30685.537	29.347	26.259
1.021				
1/4/2016 11:00:00 PM	2977200.000	70.822	16.831	159.534
38069.773	45107.785	30673.297	29.334	26.268

1.021				
1/4/2016 11:15:00 PM	2978100.000	70.806	16.824	159.497
38070.570	45115.797	30678.744	29.340	26.267
1.021				
1/4/2016 11:30:00 PM	2979000.000	70.801	16.819	159.486
38069.910	45120.754	30682.115	29.343	26.267
1.021				
1/4/2016 11:45:00 PM	2979900.000	70.822	16.820	159.533
38047.461	45092.172	30662.680	29.322	26.283
1.021				
1/5/2016 12:00:00 AM	2980800.000	70.821	16.816	159.530
38039.156	45086.453	30658.791	29.318	26.289
1.021				
1/5/2016 12:15:00 AM	2981700.000	70.822	16.834	159.534
38073.871	45109.938	30674.760	29.336	26.265
1.021				
1/5/2016 12:30:00 AM	2982600.000	70.809	16.830	159.505
38083.500	45125.391	30685.266	29.347	26.258
1.021				
1/5/2016 12:45:00 AM	2983500.000	70.822	16.827	159.534
38069.145	45111.691	30675.953	29.337	26.268
1.021				
1/5/2016 1:00:00 AM	2984400.000	70.809	16.818	159.504
38059.273	45108.508	30673.787	29.334	26.275
1.021				
1/5/2016 1:15:00 AM	2985300.000	70.824	16.826	159.539
38066.891	45109.113	30674.197	29.335	26.270
1.021				
1/5/2016 1:30:00 AM	2986200.000	70.810	16.822	159.506
38093.609	45144.984	30698.592	29.361	26.251
1.021				
1/5/2016 1:45:00 AM	2987100.000	70.812	16.821	159.511
38061.195	45107.910	30673.381	29.334	26.273
1.021				
1/5/2016 2:00:00 AM	2988000.000	70.814	16.823	159.516
38067.133	45113.152	30676.945	29.338	26.269
1.021				
1/5/2016 2:15:00 AM	2988900.000	70.829	16.833	159.550
38083.648	45121.879	30682.881	29.345	26.258
1.021				
1/5/2016 2:30:00 AM	2989800.000	70.830	16.839	159.552
38089.523	45123.109	30683.715	29.346	26.254
1.021				
1/5/2016 2:45:00 AM	2990700.000	70.816	16.828	159.519
38080.980	45124.020	30684.336	29.346	26.260
1.021				
1/5/2016 3:00:00 AM	2991600.000	70.834	16.829	159.560
38069.211	45109.262	30674.301	29.335	26.268
1.021				
1/5/2016 3:15:00 AM	2992500.000	70.839	16.824	159.572
38089.102	45137.758	30693.678	29.356	26.254
1.021				
1/5/2016 3:30:00 AM	2993400.000	70.821	16.838	159.532
38072.203	45103.926	30670.672	29.332	26.266
1.021				
1/5/2016 3:45:00 AM	2994300.000	70.841	16.831	159.575
38071.270	45110.090	30674.861	29.336	26.267

1.021				
1/5/2016 4:00:00 AM	2995200.000	70.830	16.833	159.551
38088.492	45128.254	30687.215	29.349	26.255
1.021				
1/5/2016 4:15:00 AM	2996100.000	70.848	16.825	159.591
38065.598	45108.563	30673.824	29.335	26.270
1.021				
1/5/2016 4:30:00 AM	2997000.000	70.852	16.829	159.601
38054.406	45092.164	30662.674	29.323	26.278
1.021				
1/5/2016 4:45:00 AM	2997900.000	70.843	16.823	159.581
38060.844	45105.699	30671.877	29.332	26.274
1.021				
1/5/2016 5:00:00 AM	2998800.000	70.863	16.818	159.626
38056.582	45105.949	30672.047	29.332	26.277
1.021				
1/5/2016 5:15:00 AM	2999700.000	70.869	16.828	159.639
38069.527	45110.352	30675.041	29.336	26.268
1.021				
1/5/2016 5:30:00 AM	3000600.000	70.854	16.837	159.606
38081.930	45115.996	30678.879	29.341	26.259
1.021				
1/5/2016 5:45:00 AM	3001500.000	70.881	16.834	159.667
38068.508	45102.875	30669.957	29.331	26.268
1.021				
1/5/2016 6:00:00 AM	3002400.000	70.888	16.828	159.683
38072.230	45113.906	30677.457	29.339	26.266
1.021				
1/5/2016 6:15:00 AM	3003300.000	70.871	16.829	159.644
38058.664	45096.492	30665.617	29.326	26.275
1.021				
1/5/2016 6:30:00 AM	3004200.000	70.897	16.831	159.701
38087.863	45129.570	30688.109	29.350	26.255
1.021				
1/5/2016 6:45:00 AM	3005100.000	70.901	16.827	159.712
38076.320	45120.008	30681.605	29.343	26.263
1.021				
1/5/2016 7:00:00 AM	3006000.000	70.891	16.831	159.688
38075.625	45114.977	30678.184	29.340	26.264
1.021				
1/5/2016 7:15:00 AM	3006900.000	70.898	16.830	159.705
38081.383	45122.148	30683.063	29.345	26.260
1.021				
1/5/2016 7:30:00 AM	3007800.000	70.903	16.826	159.715
38085.324	45131.129	30689.168	29.351	26.257
1.021				
1/5/2016 7:45:00 AM	3008700.000	70.921	16.837	159.756
38057.898	45087.793	30659.701	29.320	26.276
1.021				
1/5/2016 8:00:00 AM	3009600.000	70.928	16.832	159.772
38079.016	45117.926	30680.191	29.342	26.261
1.021				
1/5/2016 8:15:00 AM	3010500.000	70.915	16.825	159.742
38069.492	45113.539	30677.207	29.338	26.268
1.021				
1/5/2016 8:30:00 AM	3011400.000	70.918	16.827	159.749
38063.875	45105.258	30671.578	29.332	26.272

1.021				
1/5/2016 8:45:00 AM	3012300.000	70.924	16.827	159.763
38075.457	45118.359	30680.486	29.342	26.264
1.021				
1/5/2016 9:00:00 AM	3013200.000	70.940	16.828	159.799
38080.242	45122.863	30683.549	29.345	26.260
1.021				
1/5/2016 9:15:00 AM	3014100.000	70.948	16.828	159.817
38061.117	45100.559	30668.383	29.329	26.274
1.021				
1/5/2016 9:30:00 AM	3015000.000	70.940	16.826	159.799
38059.301	45100.648	30668.443	29.329	26.275
1.021				
1/5/2016 9:45:00 AM	3015900.000	70.945	16.829	159.810
38067.797	45107.766	30673.283	29.334	26.269
1.021				
1/5/2016 10:00:00 AM	3016800.000	70.948	16.824	159.817
38052.906	45094.961	30664.576	29.325	26.279
1.021				
1/5/2016 10:15:00 AM	3017700.000	70.929	16.830	159.775
38076.559	45116.707	30679.363	29.341	26.263
1.021				
1/5/2016 10:30:00 AM	3018600.000	70.948	16.825	159.817
38082.977	45129.688	30688.189	29.350	26.258
1.021				
1/5/2016 10:45:00 AM	3019500.000	70.927	16.840	159.770
38074.340	45104.414	30671.004	29.332	26.264
1.021				
1/5/2016 11:00:00 AM	3020400.000	70.943	16.820	159.805
38095.488	45149.184	30701.447	29.364	26.250
1.021				
1/5/2016 11:15:00 AM	3021300.000	70.930	16.827	159.777
38045.000	45082.363	30656.010	29.316	26.285
1.021				
1/5/2016 11:30:00 AM	3022200.000	70.930	16.811	159.777
38024.254	45073.891	30650.248	29.309	26.299
1.021				
1/5/2016 11:45:00 AM	3023100.000	70.928	16.818	159.772
38059.246	45108.383	30673.703	29.334	26.275
1.021				
1/5/2016 12:00:00 PM	3024000.000	70.940	16.819	159.798
38070.219	45120.133	30681.691	29.343	26.267
1.021				
1/5/2016 12:15:00 PM	3024900.000	70.920	16.824	159.754
38071.191	45116.898	30679.492	29.341	26.267
1.021				
1/5/2016 12:30:00 PM	3025800.000	70.915	16.830	159.743
38069.215	45108.363	30673.689	29.335	26.268
1.021				
1/5/2016 12:45:00 PM	3026700.000	70.927	16.832	159.770
38087.152	45126.938	30686.320	29.348	26.256
1.021				
1/5/2016 1:00:00 PM	3027600.000	70.908	16.821	159.726
38067.715	45115.559	30678.582	29.339	26.269
1.021				
1/5/2016 1:15:00 PM	3028500.000	70.907	16.832	159.724
38068.660	45106.016	30672.092	29.333	26.268

1.021				
1/5/2016 1:30:00 PM	3029400.000	70.908	16.820	159.726
38048.242	45093.547	30663.613	29.323	26.282
1.021				
1/5/2016 1:45:00 PM	3030300.000	70.900	16.832	159.710
38079.063	45118.160	30680.352	29.342	26.261
1.021				
1/5/2016 2:00:00 PM	3031200.000	70.915	16.828	159.744
38056.359	45094.844	30664.496	29.325	26.277
1.021				
1/5/2016 2:15:00 PM	3032100.000	70.914	16.836	159.741
38092.672	45130.344	30688.637	29.351	26.252
1.021				
1/5/2016 2:30:00 PM	3033000.000	70.887	16.821	159.680
38052.777	45097.762	30666.479	29.327	26.279
1.021				
1/5/2016 2:45:00 PM	3033900.000	70.883	16.824	159.671
38046.824	45087.656	30659.609	29.319	26.283
1.021				
1/5/2016 3:00:00 PM	3034800.000	70.899	16.830	159.706
38052.324	45087.992	30659.838	29.320	26.280
1.021				
1/5/2016 3:15:00 PM	3035700.000	70.877	16.829	159.658
38095.008	45139.734	30695.021	29.357	26.250
1.021				
1/5/2016 3:30:00 PM	3036600.000	70.875	16.824	159.652
38079.047	45126.207	30685.822	29.347	26.261
1.021				
1/5/2016 3:45:00 PM	3037500.000	70.871	16.821	159.643
38060.473	45107.324	30672.980	29.333	26.274
1.021				
1/5/2016 4:00:00 PM	3038400.000	70.880	16.823	159.663
38047.773	45090.043	30661.232	29.321	26.283
1.021				
1/5/2016 4:15:00 PM	3039300.000	70.867	16.823	159.635
38097.492	45149.133	30701.412	29.364	26.248
1.021				
1/5/2016 4:30:00 PM	3040200.000	70.863	16.832	159.626
38080.555	45119.828	30681.486	29.343	26.260
1.021				
1/5/2016 4:45:00 PM	3041100.000	70.856	16.830	159.610
38069.340	45108.785	30673.977	29.335	26.268
1.021				
1/5/2016 5:00:00 PM	3042000.000	70.856	16.829	159.610
38073.391	45114.469	30677.842	29.339	26.265
1.021				
1/5/2016 5:15:00 PM	3042900.000	70.852	16.833	159.601
38078.789	45116.305	30679.088	29.341	26.261
1.021				
1/5/2016 5:30:00 PM	3043800.000	70.869	16.820	159.640
38046.434	45091.488	30662.215	29.322	26.284
1.021				
1/5/2016 5:45:00 PM	3044700.000	70.867	16.836	159.634
38077.469	45111.426	30675.771	29.337	26.262
1.021				
1/5/2016 6:00:00 PM	3045600.000	70.867	16.832	159.634
38086.582	45126.340	30685.914	29.348	26.256

1.021				
1/5/2016 6:15:00 PM	3046500.000	70.851	16.834	159.598
38045.320	45075.762	30651.520	29.311	26.284
1.021				
1/5/2016 6:30:00 PM	3047400.000	70.855	16.828	159.608
38053.098	45091.055	30661.918	29.322	26.279
1.021				
1/5/2016 6:45:00 PM	3048300.000	70.852	16.835	159.600
38070.125	45104.168	30670.836	29.332	26.267
1.021				
1/5/2016 7:00:00 PM	3049200.000	70.851	16.832	159.599
38068.605	45105.141	30671.498	29.333	26.268
1.021				
1/5/2016 7:15:00 PM	3050100.000	70.852	16.832	159.602
38045.145	45078.152	30653.146	29.313	26.285
1.021				
1/5/2016 7:30:00 PM	3051000.000	70.868	16.833	159.636
38086.043	45125.531	30685.361	29.347	26.256
1.021				
1/5/2016 7:45:00 PM	3051900.000	70.870	16.833	159.642
38071.359	45108.047	30673.473	29.335	26.266
1.021				
1/5/2016 8:00:00 PM	3052800.000	70.871	16.832	159.645
38073.832	45111.418	30675.766	29.337	26.265
1.021				
1/5/2016 8:15:00 PM	3053700.000	70.874	16.826	159.652
38074.555	45118.824	30680.801	29.342	26.264
1.021				
1/5/2016 8:30:00 PM	3054600.000	70.861	16.826	159.622
38072.898	45116.406	30679.158	29.340	26.265
1.021				
1/5/2016 8:45:00 PM	3055500.000	70.864	16.825	159.627
38081.027	45127.375	30686.617	29.348	26.260
1.021				
1/5/2016 9:00:00 PM	3056400.000	70.874	16.827	159.651
38077.488	45121.117	30682.361	29.344	26.262
1.021				
1/5/2016 9:15:00 PM	3057300.000	70.879	16.838	159.661
38099.012	45135.789	30692.338	29.355	26.247
1.021				
1/5/2016 9:30:00 PM	3058200.000	70.882	16.829	159.668
38064.520	45103.430	30670.334	29.331	26.271
1.021				
1/5/2016 9:45:00 PM	3059100.000	70.868	16.837	159.636
38094.816	45131.707	30689.563	29.352	26.250
1.021				
1/5/2016 10:00:00 PM	3060000.000	70.881	16.840	159.665
38074.191	45104.320	30670.939	29.332	26.265
1.021				
1/5/2016 10:15:00 PM	3060900.000	70.871	16.830	159.643
38090.918	45134.180	30691.244	29.353	26.253
1.021				
1/5/2016 10:30:00 PM	3061800.000	70.870	16.830	159.642
38060.418	45098.043	30666.672	29.327	26.274
1.021				
1/5/2016 10:45:00 PM	3062700.000	70.875	16.830	159.652
38102.016	45147.332	30700.188	29.363	26.245

1.021				
1/5/2016 11:00:00 PM	3063600.000	70.873	16.828	159.649
38085.258	45129.719	30688.209	29.350	26.257
1.021				
1/5/2016 11:15:00 PM	3064500.000	70.888	16.826	159.682
38083.047	45129.063	30687.766	29.349	26.258
1.021				
1/5/2016 11:30:00 PM	3065400.000	70.877	16.829	159.657
38080.805	45123.445	30683.945	29.346	26.260
1.021				
1/5/2016 11:45:00 PM	3066300.000	70.895	16.831	159.698
38098.414	45142.070	30696.609	29.359	26.248
1.021				
1/6/2016 12:00:00 AM	3067200.000	70.896	16.837	159.700
38035.234	45060.410	30641.080	29.300	26.291
1.021				
1/6/2016 12:15:00 AM	3068100.000	70.896	16.839	159.700
38061.063	45089.746	30661.027	29.322	26.274
1.021				
1/6/2016 12:30:00 AM	3069000.000	70.896	16.836	159.700
38057.055	45087.516	30659.514	29.320	26.276
1.021				
1/6/2016 12:45:00 AM	3069900.000	70.878	16.838	159.660
38086.434	45120.703	30682.080	29.344	26.256
1.021				
1/6/2016 1:00:00 AM	3070800.000	70.894	16.828	159.695
38073.527	45115.441	30678.502	29.340	26.265
1.021				
1/6/2016 1:15:00 AM	3071700.000	70.897	16.832	159.701
38072.840	45110.688	30675.268	29.337	26.265
1.021				
1/6/2016 1:30:00 AM	3072600.000	70.901	16.825	159.711
38060.984	45103.273	30670.229	29.331	26.274
1.021				
1/6/2016 1:45:00 AM	3073500.000	70.904	16.831	159.717
38071.031	45109.277	30674.311	29.335	26.267
1.021				
1/6/2016 2:00:00 AM	3074400.000	70.890	16.829	159.686
38091.992	45136.332	30692.709	29.355	26.252
1.021				
1/6/2016 2:15:00 AM	3075300.000	70.904	16.830	159.717
38082.836	45124.059	30684.361	29.346	26.259
1.021				
1/6/2016 2:30:00 AM	3076200.000	70.892	16.830	159.690
38065.453	45103.828	30670.605	29.331	26.271
1.021				
1/6/2016 2:45:00 AM	3077100.000	70.886	16.824	159.678
38085.980	45134.059	30691.162	29.353	26.256
1.021				
1/6/2016 3:00:00 AM	3078000.000	70.892	16.838	159.690
38086.918	45120.559	30681.982	29.344	26.256
1.021				
1/6/2016 3:15:00 AM	3078900.000	70.893	16.830	159.693
38081.035	45122.641	30683.396	29.345	26.260
1.021				
1/6/2016 3:30:00 AM	3079800.000	70.912	16.830	159.736
38079.938	45120.438	30681.900	29.343	26.261

1.021				
1/6/2016 3:45:00 AM	3080700.000	70.901	16.838	159.712
38062.066	45091.566	30662.268	29.323	26.273
1.021				
1/6/2016 4:00:00 AM	3081600.000	70.898	16.822	159.706
38048.172	45091.410	30662.160	29.322	26.282
1.021				
1/6/2016 4:15:00 AM	3082500.000	70.907	16.828	159.724
38056.594	45095.027	30664.621	29.325	26.277
1.021				
1/6/2016 4:30:00 AM	3083400.000	70.924	16.838	159.764
38073.516	45105.313	30671.615	29.333	26.265
1.021				
1/6/2016 4:45:00 AM	3084300.000	70.933	16.832	159.784
38067.301	45103.777	30670.570	29.332	26.269
1.021				
1/6/2016 5:00:00 AM	3085200.000	70.932	16.827	159.782
38057.504	45097.359	30666.207	29.327	26.276
1.021				
1/6/2016 5:15:00 AM	3086100.000	70.927	16.825	159.770
38064.402	45107.230	30672.920	29.334	26.271
1.021				
1/6/2016 5:30:00 AM	3087000.000	70.928	16.835	159.772
38073.590	45107.914	30673.383	29.335	26.265
1.021				
1/6/2016 5:45:00 AM	3087900.000	70.952	16.831	159.826
38057.574	45093.680	30663.703	29.324	26.276
1.021				
1/6/2016 6:00:00 AM	3088800.000	70.940	16.833	159.799
38096.793	45138.266	30694.023	29.356	26.249
1.021				
1/6/2016 6:15:00 AM	3089700.000	70.944	16.833	159.807
38069.383	45105.703	30671.881	29.333	26.268
1.021				
1/6/2016 6:30:00 AM	3090600.000	70.966	16.829	159.858
38083.273	45126.281	30685.873	29.348	26.258
1.021				
1/6/2016 6:45:00 AM	3091500.000	70.953	16.829	159.829
38099.043	45144.336	30698.150	29.361	26.247
1.021				
1/6/2016 7:00:00 AM	3092400.000	70.957	16.828	159.837
38074.617	45116.922	30679.510	29.341	26.264
1.021				
1/6/2016 7:15:00 AM	3093300.000	70.980	16.832	159.890
38075.148	45112.891	30676.768	29.338	26.264
1.021				
1/6/2016 7:30:00 AM	3094200.000	70.967	16.827	159.859
38064.367	45105.219	30671.551	29.332	26.271
1.021				
1/6/2016 7:45:00 AM	3095100.000	70.977	16.821	159.882
38076.594	45126.254	30685.855	29.347	26.263
1.021				
1/6/2016 8:00:00 AM	3096000.000	70.980	16.828	159.890
38061.883	45101.738	30669.184	29.330	26.273
1.021				
1/6/2016 8:15:00 AM	3096900.000	70.981	16.826	159.893
38064.254	45106.793	30672.621	29.333	26.271

1.021				
1/6/2016 8:30:00 AM	3097800.000	70.985	16.828	159.900
38058.996	45097.871	30666.553	29.327	26.275
1.021				
1/6/2016 8:45:00 AM	3098700.000	71.001	16.830	159.937
38073.445	45112.934	30676.797	29.338	26.265
1.021				
1/6/2016 9:00:00 AM	3099600.000	70.988	16.830	159.907
38066.504	45105.254	30671.574	29.332	26.270
1.021				
1/6/2016 9:15:00 AM	3100500.000	70.987	16.827	159.904
38064.215	45105.387	30671.666	29.332	26.271
1.021				
1/6/2016 9:30:00 AM	3101400.000	71.011	16.827	159.960
38107.582	45157.238	30706.922	29.370	26.241
1.021				
1/6/2016 9:45:00 AM	3102300.000	71.011	16.833	159.959
38078.957	45116.957	30679.533	29.341	26.261
1.021				
1/6/2016 10:00:00 AM	3103200.000	71.001	16.828	159.936
38068.219	45108.801	30673.986	29.335	26.269
1.021				
1/6/2016 10:15:00 AM	3104100.000	71.008	16.830	159.952
38076.781	45117.070	30679.609	29.341	26.263
1.021				
1/6/2016 10:30:00 AM	3105000.000	71.021	16.834	159.981
38072.145	45107.629	30673.189	29.334	26.266
1.021				
1/6/2016 10:45:00 AM	3105900.000	71.023	16.825	159.986
38053.137	45094.156	30664.027	29.324	26.279
1.021				
1/6/2016 11:00:00 AM	3106800.000	71.010	16.836	159.956
38087.875	45124.387	30684.586	29.347	26.255
1.021				
1/6/2016 11:15:00 AM	3107700.000	71.021	16.830	159.982
38075.203	45115.199	30678.338	29.340	26.264
1.021				
1/6/2016 11:30:00 AM	3108600.000	71.028	16.836	159.998
38092.215	45129.430	30688.014	29.350	26.252
1.021				
1/6/2016 11:45:00 AM	3109500.000	71.011	16.829	159.959
38068.422	45108.582	30673.838	29.335	26.268
1.021				
1/6/2016 12:00:00 PM	3110400.000	71.027	16.827	159.996
38081.852	45126.211	30685.826	29.347	26.259
1.021				
1/6/2016 12:15:00 PM	3111300.000	71.025	16.823	159.991
38079.551	45127.336	30686.590	29.348	26.261
1.021				
1/6/2016 12:30:00 PM	3112200.000	71.004	16.823	159.943
38064.777	45110.012	30674.811	29.336	26.271
1.021				
1/6/2016 12:45:00 PM	3113100.000	71.005	16.826	159.946
38059.059	45099.832	30667.889	29.328	26.275
1.021				
1/6/2016 1:00:00 PM	3114000.000	71.006	16.819	159.948
38065.895	45115.363	30678.449	29.339	26.270

1.021				
1/6/2016 1:15:00 PM	3114900.000	71.002	16.829	159.938
38057.391	45094.906	30664.539	29.325	26.276
1.021				
1/6/2016 1:30:00 PM	3115800.000	70.998	16.830	159.930
38058.656	45095.953	30665.248	29.326	26.275
1.021				
1/6/2016 1:45:00 PM	3116700.000	70.992	16.829	159.917
38054.527	45091.941	30662.521	29.323	26.278
1.021				
1/6/2016 2:00:00 PM	3117600.000	71.006	16.840	159.948
38080.879	45111.348	30675.719	29.337	26.260
1.021				
1/6/2016 2:15:00 PM	3118500.000	70.981	16.830	159.892
38065.566	45103.512	30670.389	29.331	26.270
1.021				
1/6/2016 2:30:00 PM	3119400.000	70.997	16.830	159.929
38088.410	45130.664	30688.852	29.351	26.255
1.021				
1/6/2016 2:45:00 PM	3120300.000	70.977	16.825	159.883
38109.770	45161.266	30709.662	29.373	26.240
1.021				
1/6/2016 3:00:00 PM	3121200.000	70.988	16.829	159.907
38076.980	45118.824	30680.801	29.342	26.263
1.021				
1/6/2016 3:15:00 PM	3122100.000	70.981	16.830	159.892
38071.848	45111.223	30675.633	29.337	26.266
1.021				
1/6/2016 3:30:00 PM	3123000.000	70.961	16.826	159.848
38079.891	45124.965	30684.979	29.346	26.261
1.021				
1/6/2016 3:45:00 PM	3123900.000	70.973	16.823	159.874
38084.637	45133.637	30690.875	29.353	26.257
1.021				
1/6/2016 4:00:00 PM	3124800.000	70.970	16.825	159.867
38061.078	45103.465	30670.357	29.331	26.274
1.021				
1/6/2016 4:15:00 PM	3125700.000	70.951	16.836	159.824
38084.453	45120.148	30681.703	29.344	26.257
1.021				
1/6/2016 4:30:00 PM	3126600.000	70.946	16.832	159.812
38085.422	45125.516	30685.352	29.347	26.257
1.021				
1/6/2016 4:45:00 PM	3127500.000	70.960	16.826	159.843
38058.938	45099.859	30667.906	29.328	26.275
1.021				
1/6/2016 5:00:00 PM	3128400.000	70.940	16.828	159.800
38058.422	45097.816	30666.518	29.327	26.275
1.021				
1/6/2016 5:15:00 PM	3129300.000	70.942	16.828	159.803
38047.398	45084.480	30657.447	29.317	26.283
1.021				
1/6/2016 5:30:00 PM	3130200.000	70.949	16.829	159.819
38077.867	45119.066	30680.965	29.342	26.262
1.021				
1/6/2016 5:45:00 PM	3131100.000	70.930	16.832	159.776
38081.531	45120.355	30681.844	29.344	26.259

1.021				
1/6/2016 6:00:00 PM	3132000.000	70.933	16.829	159.784
38050.004	45086.859	30659.064	29.319	26.281
1.021				
1/6/2016 6:15:00 PM	3132900.000	70.932	16.823	159.781
38069.473	45115.574	30678.590	29.340	26.268
1.021				
1/6/2016 6:30:00 PM	3133800.000	70.927	16.837	159.771
38105.895	45144.027	30697.941	29.361	26.243
1.021				
1/6/2016 6:45:00 PM	3134700.000	70.930	16.833	159.776
38054.293	45087.734	30659.662	29.320	26.278
1.021				
1/6/2016 7:00:00 PM	3135600.000	70.931	16.832	159.779
38074.387	45112.340	30676.391	29.338	26.264
1.021				
1/6/2016 7:15:00 PM	3136500.000	70.945	16.827	159.811
38067.738	45109.488	30674.453	29.335	26.269
1.021				
1/6/2016 7:30:00 PM	3137400.000	70.946	16.827	159.812
38068.371	45109.961	30674.773	29.336	26.269
1.021				
1/6/2016 7:45:00 PM	3138300.000	70.932	16.837	159.781
38085.070	45119.621	30681.344	29.343	26.257
1.021				
1/6/2016 8:00:00 PM	3139200.000	70.933	16.825	159.783
38062.539	45105.746	30671.910	29.333	26.273
1.021				
1/6/2016 8:15:00 PM	3140100.000	70.949	16.834	159.820
38101.305	45141.816	30696.438	29.359	26.246
1.021				
1/6/2016 8:30:00 PM	3141000.000	70.936	16.829	159.790
38090.039	45134.387	30691.383	29.353	26.254
1.021				
1/6/2016 8:45:00 PM	3141900.000	70.935	16.836	159.788
38087.301	45123.348	30683.879	29.346	26.255
1.021				
1/6/2016 9:00:00 PM	3142800.000	70.954	16.832	159.832
38109.078	45153.625	30704.467	29.368	26.240
1.021				
1/6/2016 9:15:00 PM	3143700.000	70.957	16.824	159.838
38040.121	45079.711	30654.205	29.314	26.288
1.021				
1/6/2016 9:30:00 PM	3144600.000	70.944	16.822	159.808
38053.762	45098.207	30666.783	29.327	26.279
1.021				
1/6/2016 9:45:00 PM	3145500.000	70.941	16.833	159.802
38081.441	45119.633	30681.354	29.343	26.260
1.021				
1/6/2016 10:00:00 PM	3146400.000	70.949	16.834	159.819
38078.727	45115.066	30678.248	29.340	26.261
1.021				
1/6/2016 10:15:00 PM	3147300.000	70.965	16.842	159.855
38090.566	45121.121	30682.365	29.345	26.253
1.021				
1/6/2016 10:30:00 PM	3148200.000	70.970	16.824	159.867
38053.262	45095.199	30664.738	29.325	26.279

1.021				
1/6/2016 10:45:00 PM	3149100.000	70.951	16.837	159.825
38044.496	45072.184	30649.088	29.309	26.285
1.021				
1/6/2016 11:00:00 PM	3150000.000	70.951	16.826	159.824
38075.938	45120.730	30682.098	29.343	26.263
1.021				
1/6/2016 11:15:00 PM	3150900.000	70.975	16.830	159.879
38052.559	45088.453	30660.150	29.320	26.279
1.021				
1/6/2016 11:30:00 PM	3151800.000	70.959	16.821	159.843
38059.094	45105.340	30671.633	29.332	26.275
1.021				
1/6/2016 11:45:00 PM	3152700.000	70.961	16.825	159.846
38076.723	45122.461	30683.275	29.345	26.263
1.021				

Report Date: 1/11/2016 11:31:47 AM
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_2016-01-07_09-51-38-853-BaroMerge.wsl
Create Date: 1/11/2016 11:27:40 AM

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
1/3/2016 10:52:41 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:45:00 AM
1/7/2016 9:50:04 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:45:00 AM
1/11/2016 11:27:40 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-01-07_11-13-31-041.wsl""

Log Data:

Record Count: 671

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	
SN#:	SN#:	SN#:	SN#:	
Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Barometric Pressure (PSI)	Seconds			
12/31/2015 12:00:00 AM	2674800.000	65.067	17.605	148.307
14.831				
12/31/2015 12:15:00 AM	2675700.000	65.062	17.604	148.296
14.830				
12/31/2015 12:30:00 AM	2676600.000	65.078	17.606	148.333
14.822				
12/31/2015 12:45:00 AM	2677500.000	65.067	17.590	148.309
14.823				
12/31/2015 1:00:00 AM	2678400.000	65.073	17.602	148.321
14.821				

12/31/2015 1:15:00 AM 14.830	2679300.000	65.065	17.585	148.303
12/31/2015 1:30:00 AM 14.825	2680200.000	65.064	17.565	148.301
12/31/2015 1:45:00 AM 14.829	2681100.000	65.057	17.610	148.285
12/31/2015 2:00:00 AM 14.826	2682000.000	65.071	17.590	148.318
12/31/2015 2:15:00 AM 14.826	2682900.000	65.063	17.596	148.300
12/31/2015 2:30:00 AM 14.829	2683800.000	65.055	17.596	148.281
12/31/2015 2:45:00 AM 14.835	2684700.000	65.057	17.594	148.285
12/31/2015 3:00:00 AM 14.828	2685600.000	65.049	17.599	148.266
12/31/2015 3:15:00 AM 14.827	2686500.000	65.059	17.602	148.289
12/31/2015 3:30:00 AM 14.829	2687400.000	65.060	17.596	148.292
12/31/2015 3:45:00 AM 14.833	2688300.000	65.056	17.597	148.283
12/31/2015 4:00:00 AM 14.825	2689200.000	65.056	17.603	148.282
12/31/2015 4:15:00 AM 14.826	2690100.000	65.068	17.616	148.311
12/31/2015 4:30:00 AM 14.823	2691000.000	65.074	17.588	148.324
12/31/2015 4:45:00 AM 14.826	2691900.000	65.069	17.592	148.312
12/31/2015 5:00:00 AM 14.823	2692800.000	65.065	17.610	148.302
12/31/2015 5:15:00 AM 14.830	2693700.000	65.058	17.582	148.287
12/31/2015 5:30:00 AM 14.829	2694600.000	65.061	17.609	148.295
12/31/2015 5:45:00 AM 14.825	2695500.000	65.053	17.574	148.276
12/31/2015 6:00:00 AM 14.827	2696400.000	65.053	17.591	148.276
12/31/2015 6:15:00 AM 14.821	2697300.000	65.057	17.594	148.285
12/31/2015 6:30:00 AM 14.828	2698200.000	65.037	17.583	148.240
12/31/2015 6:45:00 AM 14.825	2699100.000	65.054	17.602	148.279
12/31/2015 7:00:00 AM 14.820	2700000.000	65.067	17.610	148.307
12/31/2015 7:15:00 AM 14.834	2700900.000	65.038	17.588	148.243
12/31/2015 7:30:00 AM 14.829	2701800.000	65.044	17.605	148.256
12/31/2015 7:45:00 AM 14.825	2702700.000	65.068	17.590	148.310

12/31/2015 8:00:00 AM 14.828	2703600.000	65.039	17.582	148.243
12/31/2015 8:15:00 AM 14.827	2704500.000	65.054	17.573	148.278
12/31/2015 8:30:00 AM 14.823	2705400.000	65.054	17.606	148.277
12/31/2015 8:45:00 AM 14.831	2706300.000	65.046	17.593	148.260
12/31/2015 9:00:00 AM 14.838	2707200.000	65.045	17.597	148.257
12/31/2015 9:15:00 AM 14.832	2708100.000	65.050	17.596	148.269
12/31/2015 9:30:00 AM 14.833	2709000.000	65.053	17.585	148.276
12/31/2015 9:45:00 AM 14.838	2709900.000	65.034	17.593	148.233
12/31/2015 10:00:00 AM 14.845	0.000	65.034	17.605	148.232
12/31/2015 10:15:00 AM 14.840	900.000	65.045	17.593	148.257
12/31/2015 10:30:00 AM 14.844	1800.000	65.044	17.593	148.256
12/31/2015 10:45:00 AM 14.834	2700.000	65.044	17.605	148.256
12/31/2015 11:00:00 AM 14.832	3600.000	65.045	17.606	148.257
12/31/2015 11:15:00 AM 14.833	4500.000	65.044	17.599	148.256
12/31/2015 11:30:00 AM 14.827	5400.000	65.037	17.596	148.240
12/31/2015 11:45:00 AM 14.829	6300.000	65.038	17.598	148.241
12/31/2015 12:00:00 PM 14.820	7200.000	65.024	17.590	148.209
12/31/2015 12:15:00 PM 14.812	8100.000	65.043	17.582	148.253
12/31/2015 12:30:00 PM 14.810	9000.000	65.034	17.599	148.232
12/31/2015 12:45:00 PM 14.807	9900.000	65.039	17.579	148.243
12/31/2015 1:00:00 PM 14.799	10800.000	65.031	17.581	148.226
12/31/2015 1:15:00 PM 14.804	11700.000	65.044	17.597	148.256
12/31/2015 1:30:00 PM 14.799	12600.000	65.044	17.576	148.256
12/31/2015 1:45:00 PM 14.793	13500.000	65.051	17.588	148.272
12/31/2015 2:00:00 PM 14.794	14400.000	65.036	17.597	148.237
12/31/2015 2:15:00 PM 14.789	15300.000	65.022	17.588	148.206
12/31/2015 2:30:00 PM 14.786	16200.000	65.043	17.576	148.254

12/31/2015 2:45:00 PM 14.787	17100.000	65.038	17.588	148.242
12/31/2015 3:00:00 PM 14.785	18000.000	65.035	17.608	148.234
12/31/2015 3:15:00 PM 14.787	18900.000	65.032	17.594	148.228
12/31/2015 3:30:00 PM 14.785	19800.000	65.024	17.605	148.209
12/31/2015 3:45:00 PM 14.788	20700.000	65.021	17.596	148.202
12/31/2015 4:00:00 PM 14.776	21600.000	65.039	17.603	148.243
12/31/2015 4:15:00 PM 14.785	22500.000	65.020	17.599	148.201
12/31/2015 4:30:00 PM 14.781	23400.000	65.028	17.606	148.219
12/31/2015 4:45:00 PM 14.785	24300.000	65.029	17.599	148.221
12/31/2015 5:00:00 PM 14.786	25200.000	65.027	17.586	148.216
12/31/2015 5:15:00 PM 14.783	26100.000	65.030	17.613	148.224
12/31/2015 5:30:00 PM 14.785	27000.000	65.019	17.593	148.198
12/31/2015 5:45:00 PM 14.791	27900.000	65.025	17.609	148.212
12/31/2015 6:00:00 PM 14.792	28800.000	65.021	17.590	148.203
12/31/2015 6:15:00 PM 14.792	29700.000	65.023	17.589	148.208
12/31/2015 6:30:00 PM 14.789	30600.000	65.031	17.593	148.227
12/31/2015 6:45:00 PM 14.785	31500.000	65.037	17.585	148.240
12/31/2015 7:00:00 PM 14.794	32400.000	65.019	17.593	148.199
12/31/2015 7:15:00 PM 14.792	33300.000	65.021	17.591	148.202
12/31/2015 7:30:00 PM 14.794	34200.000	65.039	17.582	148.244
12/31/2015 7:45:00 PM 14.792	35100.000	65.035	17.595	148.234
12/31/2015 8:00:00 PM 14.799	36000.000	65.018	17.597	148.195
12/31/2015 8:15:00 PM 14.793	36900.000	65.013	17.601	148.185
12/31/2015 8:30:00 PM 14.793	37800.000	65.023	17.599	148.207
12/31/2015 8:45:00 PM 14.794	38700.000	65.031	17.583	148.226
12/31/2015 9:00:00 PM 14.790	39600.000	65.014	17.605	148.187
12/31/2015 9:15:00 PM 14.791	40500.000	65.023	17.610	148.207

12/31/2015 9:30:00 PM 14.794	41400.000	65.019	17.589	148.199
12/31/2015 9:45:00 PM 14.786	42300.000	65.032	17.598	148.228
12/31/2015 10:00:00 PM 14.793	43200.000	65.015	17.589	148.189
12/31/2015 10:15:00 PM 14.793	44100.000	65.001	17.604	148.158
12/31/2015 10:30:00 PM 14.788	45000.000	65.022	17.587	148.205
12/31/2015 10:45:00 PM 14.786	45900.000	65.019	17.596	148.197
12/31/2015 11:00:00 PM 14.791	46800.000	65.000	17.600	148.156
12/31/2015 11:15:00 PM 14.784	47700.000	65.015	17.608	148.189
12/31/2015 11:30:00 PM 14.783	48600.000	65.011	17.583	148.181
12/31/2015 11:45:00 PM 14.780	49500.000	65.009	17.589	148.176
1/1/2016 12:00:00 AM 14.782	50400.000	65.016	17.607	148.192
1/1/2016 12:15:00 AM 14.777	51300.000	65.008	17.593	148.173
1/1/2016 12:30:00 AM 14.773	52200.000	65.020	17.596	148.201
1/1/2016 12:45:00 AM 14.776	53100.000	65.021	17.597	148.202
1/1/2016 1:00:00 AM 14.775	54000.000	65.015	17.591	148.189
1/1/2016 1:15:00 AM 14.778	54900.000	65.008	17.599	148.174
1/1/2016 1:30:00 AM 14.772	55800.000	65.004	17.589	148.164
1/1/2016 1:45:00 AM 14.774	56700.000	65.017	17.599	148.195
1/1/2016 2:00:00 AM 14.778	57600.000	65.011	17.607	148.179
1/1/2016 2:15:00 AM 14.779	58500.000	65.006	17.583	148.168
1/1/2016 2:30:00 AM 14.780	59400.000	65.006	17.596	148.168
1/1/2016 2:45:00 AM 14.774	60300.000	65.011	17.602	148.180
1/1/2016 3:00:00 AM 14.773	61200.000	65.019	17.598	148.199
1/1/2016 3:15:00 AM 14.777	62100.000	65.007	17.600	148.171
1/1/2016 3:30:00 AM 14.777	63000.000	64.995	17.598	148.144
1/1/2016 3:45:00 AM 14.776	63900.000	64.995	17.591	148.145
1/1/2016 4:00:00 AM 14.773	64800.000	65.010	17.594	148.177

1/1/2016 4:15:00 AM 14.773	65700.000	65.009	17.601	148.176
1/1/2016 4:30:00 AM 14.770	66600.000	64.998	17.576	148.151
1/1/2016 4:45:00 AM 14.768	67500.000	65.016	17.590	148.192
1/1/2016 5:00:00 AM 14.766	68400.000	64.994	17.610	148.140
1/1/2016 5:15:00 AM 14.772	69300.000	65.009	17.601	148.175
1/1/2016 5:30:00 AM 14.776	70200.000	64.990	17.602	148.132
1/1/2016 5:45:00 AM 14.774	71100.000	65.009	17.584	148.175
1/1/2016 6:00:00 AM 14.778	72000.000	65.010	17.590	148.177
1/1/2016 6:15:00 AM 14.776	72900.000	65.007	17.594	148.172
1/1/2016 6:30:00 AM 14.783	73800.000	64.993	17.599	148.140
1/1/2016 6:45:00 AM 14.786	74700.000	64.998	17.602	148.150
1/1/2016 7:00:00 AM 14.781	75600.000	64.996	17.604	148.146
1/1/2016 7:15:00 AM 14.783	76500.000	64.988	17.599	148.127
1/1/2016 7:30:00 AM 14.794	77400.000	64.989	17.587	148.131
1/1/2016 7:45:00 AM 14.782	78300.000	65.006	17.584	148.168
1/1/2016 8:00:00 AM 14.787	79200.000	64.996	17.610	148.146
1/1/2016 8:15:00 AM 14.789	80100.000	64.992	17.609	148.136
1/1/2016 8:30:00 AM 14.792	81000.000	64.986	17.599	148.123
1/1/2016 8:45:00 AM 14.798	81900.000	64.997	17.600	148.149
1/1/2016 9:00:00 AM 14.796	82800.000	64.981	17.602	148.112
1/1/2016 9:15:00 AM 14.795	83700.000	64.991	17.583	148.136
1/1/2016 9:30:00 AM 14.796	84600.000	65.000	17.581	148.154
1/1/2016 9:45:00 AM 14.800	85500.000	64.986	17.576	148.124
1/1/2016 10:00:00 AM 14.802	86400.000	64.983	17.580	148.116
1/1/2016 10:15:00 AM 14.799	87300.000	64.985	17.594	148.122
1/1/2016 10:30:00 AM 14.807	88200.000	64.978	17.603	148.105
1/1/2016 10:45:00 AM 14.798	89100.000	65.006	17.597	148.168

1/1/2016 11:00:00 AM 14.796	90000.000	64.996	17.592	148.146
1/1/2016 11:15:00 AM 14.792	90900.000	65.000	17.603	148.155
1/1/2016 11:30:00 AM 14.800	91800.000	64.983	17.593	148.117
1/1/2016 11:45:00 AM 14.797	92700.000	64.980	17.596	148.109
1/1/2016 12:00:00 PM 14.790	93600.000	64.990	17.595	148.132
1/1/2016 12:15:00 PM 14.786	94500.000	64.982	17.585	148.114
1/1/2016 12:30:00 PM 14.786	95400.000	64.977	17.599	148.102
1/1/2016 12:45:00 PM 14.779	96300.000	64.975	17.605	148.098
1/1/2016 1:00:00 PM 14.782	97200.000	64.967	17.576	148.081
1/1/2016 1:15:00 PM 14.765	98100.000	64.992	17.588	148.136
1/1/2016 1:30:00 PM 14.774	99000.000	64.977	17.599	148.103
1/1/2016 1:45:00 PM 14.772	99900.000	64.997	17.573	148.149
1/1/2016 2:00:00 PM 14.778	100800.000	64.972	17.593	148.091
1/1/2016 2:15:00 PM 14.774	101700.000	64.975	17.591	148.098
1/1/2016 2:30:00 PM 14.769	102600.000	64.984	17.573	148.119
1/1/2016 2:45:00 PM 14.775	103500.000	64.977	17.586	148.103
1/1/2016 3:00:00 PM 14.776	104400.000	64.994	17.603	148.141
1/1/2016 3:15:00 PM 14.771	105300.000	64.972	17.595	148.090
1/1/2016 3:30:00 PM 14.772	106200.000	64.975	17.616	148.098
1/1/2016 3:45:00 PM 14.771	107100.000	64.985	17.578	148.120
1/1/2016 4:00:00 PM 14.774	108000.000	64.981	17.601	148.111
1/1/2016 4:15:00 PM 14.776	108900.000	64.969	17.577	148.084
1/1/2016 4:30:00 PM 14.776	109800.000	64.984	17.582	148.120
1/1/2016 4:45:00 PM 14.772	110700.000	64.975	17.582	148.099
1/1/2016 5:00:00 PM 14.773	111600.000	64.980	17.593	148.110
1/1/2016 5:15:00 PM 14.767	112500.000	64.975	17.626	148.097
1/1/2016 5:30:00 PM 14.768	113400.000	64.975	17.598	148.097

1/1/2016 5:45:00 PM 14.766	114300.000	64.979	17.602	148.108
1/1/2016 6:00:00 PM 14.772	115200.000	64.977	17.602	148.102
1/1/2016 6:15:00 PM 14.767	116100.000	64.972	17.579	148.090
1/1/2016 6:30:00 PM 14.776	117000.000	64.969	17.588	148.085
1/1/2016 6:45:00 PM 14.772	117900.000	64.969	17.606	148.085
1/1/2016 7:00:00 PM 14.771	118800.000	64.971	17.604	148.090
1/1/2016 7:15:00 PM 14.776	119700.000	64.973	17.600	148.093
1/1/2016 7:30:00 PM 14.777	120600.000	64.965	17.582	148.074
1/1/2016 7:45:00 PM 14.776	121500.000	64.966	17.588	148.078
1/1/2016 8:00:00 PM 14.778	122400.000	64.961	17.602	148.066
1/1/2016 8:15:00 PM 14.778	123300.000	64.968	17.590	148.083
1/1/2016 8:30:00 PM 14.780	124200.000	64.966	17.578	148.078
1/1/2016 8:45:00 PM 14.777	125100.000	64.970	17.586	148.087
1/1/2016 9:00:00 PM 14.780	126000.000	64.962	17.587	148.068
1/1/2016 9:15:00 PM 14.782	126900.000	64.961	17.593	148.067
1/1/2016 9:30:00 PM 14.781	127800.000	64.959	17.596	148.061
1/1/2016 9:45:00 PM 14.790	128700.000	64.957	17.598	148.058
1/1/2016 10:00:00 PM 14.782	129600.000	64.953	17.587	148.047
1/1/2016 10:15:00 PM 14.785	130500.000	64.964	17.583	148.072
1/1/2016 10:30:00 PM 14.779	131400.000	64.970	17.569	148.087
1/1/2016 10:45:00 PM 14.781	132300.000	64.972	17.585	148.091
1/1/2016 11:00:00 PM 14.779	133200.000	64.964	17.602	148.074
1/1/2016 11:15:00 PM 14.783	134100.000	64.957	17.571	148.058
1/1/2016 11:30:00 PM 14.784	135000.000	64.947	17.585	148.033
1/1/2016 11:45:00 PM 14.783	135900.000	64.967	17.598	148.079
1/2/2016 12:00:00 AM 14.783	136800.000	64.955	17.578	148.053
1/2/2016 12:15:00 AM 14.780	137700.000	64.959	17.594	148.061

1/2/2016 12:30:00 AM 14.780	138600.000	64.957	17.610	148.056
1/2/2016 12:45:00 AM 14.770	139500.000	64.967	17.590	148.081
1/2/2016 1:00:00 AM 14.779	140400.000	64.956	17.582	148.054
1/2/2016 1:15:00 AM 14.773	141300.000	64.955	17.619	148.053
1/2/2016 1:30:00 AM 14.775	142200.000	64.946	17.588	148.032
1/2/2016 1:45:00 AM 14.770	143100.000	64.952	17.585	148.047
1/2/2016 2:00:00 AM 14.766	144000.000	64.960	17.591	148.064
1/2/2016 2:15:00 AM 14.773	144900.000	64.946	17.598	148.032
1/2/2016 2:30:00 AM 14.763	145800.000	64.964	17.603	148.072
1/2/2016 2:45:00 AM 14.771	146700.000	64.956	17.602	148.055
1/2/2016 3:00:00 AM 14.769	147600.000	64.943	17.591	148.025
1/2/2016 3:15:00 AM 14.769	148500.000	64.947	17.603	148.034
1/2/2016 3:30:00 AM 14.770	149400.000	64.952	17.588	148.045
1/2/2016 3:45:00 AM 14.761	150300.000	64.961	17.602	148.066
1/2/2016 4:00:00 AM 14.766	151200.000	64.951	17.596	148.043
1/2/2016 4:15:00 AM 14.763	152100.000	64.948	17.597	148.036
1/2/2016 4:30:00 AM 14.761	153000.000	64.940	17.600	148.019
1/2/2016 4:45:00 AM 14.760	153900.000	64.946	17.604	148.031
1/2/2016 5:00:00 AM 14.763	154800.000	64.950	17.582	148.041
1/2/2016 5:15:00 AM 14.762	155700.000	64.937	17.590	148.012
1/2/2016 5:30:00 AM 14.761	156600.000	64.940	17.587	148.018
1/2/2016 5:45:00 AM 14.764	157500.000	64.942	17.594	148.023
1/2/2016 6:00:00 AM 14.762	158400.000	64.946	17.597	148.032
1/2/2016 6:15:00 AM 14.758	159300.000	64.944	17.594	148.028
1/2/2016 6:30:00 AM 14.759	160200.000	64.951	17.587	148.042
1/2/2016 6:45:00 AM 14.764	161100.000	64.936	17.586	148.010
1/2/2016 7:00:00 AM 14.758	162000.000	64.951	17.576	148.044

1/2/2016 7:15:00 AM 14.759	162900.000	64.945	17.585	148.029
1/2/2016 7:30:00 AM 14.754	163800.000	64.959	17.598	148.061
1/2/2016 7:45:00 AM 14.761	164700.000	64.943	17.588	148.025
1/2/2016 8:00:00 AM 14.758	165600.000	64.939	17.589	148.015
1/2/2016 8:15:00 AM 14.763	166500.000	64.941	17.581	148.021
1/2/2016 8:30:00 AM 14.763	167400.000	64.943	17.596	148.026
1/2/2016 8:45:00 AM 14.766	168300.000	64.940	17.593	148.018
1/2/2016 9:00:00 AM 14.763	169200.000	64.931	17.603	147.998
1/2/2016 9:15:00 AM 14.760	170100.000	64.941	17.600	148.020
1/2/2016 9:30:00 AM 14.761	171000.000	64.938	17.596	148.014
1/2/2016 9:45:00 AM 14.759	171900.000	64.919	17.579	147.971
1/2/2016 10:00:00 AM 14.760	172800.000	64.939	17.602	148.016
1/2/2016 10:15:00 AM 14.770	173700.000	64.930	17.591	147.996
1/2/2016 10:30:00 AM 14.766	174600.000	64.926	17.583	147.987
1/2/2016 10:45:00 AM 14.753	175500.000	64.931	17.585	147.998
1/2/2016 11:00:00 AM 14.760	176400.000	64.924	17.608	147.982
1/2/2016 11:15:00 AM 14.755	177300.000	64.912	17.587	147.954
1/2/2016 11:30:00 AM 14.750	178200.000	64.916	17.593	147.965
1/2/2016 11:45:00 AM 14.745	179100.000	64.928	17.590	147.991
1/2/2016 12:00:00 PM 14.742	180000.000	64.928	17.598	147.991
1/2/2016 12:15:00 PM 14.738	180900.000	64.923	17.576	147.980
1/2/2016 12:30:00 PM 14.731	181800.000	64.936	17.598	148.010
1/2/2016 12:45:00 PM 14.722	182700.000	64.938	17.607	148.014
1/2/2016 1:00:00 PM 14.729	183600.000	64.919	17.589	147.971
1/2/2016 1:15:00 PM 14.719	184500.000	64.924	17.589	147.983
1/2/2016 1:30:00 PM 14.715	185400.000	64.930	17.578	147.996
1/2/2016 1:45:00 PM 14.718	186300.000	64.915	17.581	147.961

1/2/2016 2:00:00 PM 14.716	187200.000	64.918	17.585	147.969
1/2/2016 2:15:00 PM 14.718	188100.000	64.923	17.588	147.980
1/2/2016 2:30:00 PM 14.723	189000.000	64.908	17.594	147.945
1/2/2016 2:45:00 PM 14.709	189900.000	64.932	17.578	148.000
1/2/2016 3:00:00 PM 14.709	190800.000	64.918	17.602	147.968
1/2/2016 3:15:00 PM 14.709	191700.000	64.927	17.578	147.990
1/2/2016 3:30:00 PM 14.709	192600.000	64.926	17.608	147.987
1/2/2016 3:45:00 PM 14.714	193500.000	64.909	17.598	147.947
1/2/2016 4:00:00 PM 14.709	194400.000	64.928	17.603	147.991
1/2/2016 4:15:00 PM 14.711	195300.000	64.913	17.578	147.956
1/2/2016 4:30:00 PM 14.702	196200.000	64.930	17.615	147.996
1/2/2016 4:45:00 PM 14.701	197100.000	64.929	17.596	147.994
1/2/2016 5:00:00 PM 14.710	198000.000	64.908	17.583	147.945
1/2/2016 5:15:00 PM 14.704	198900.000	64.914	17.591	147.959
1/2/2016 5:30:00 PM 14.704	199800.000	64.924	17.600	147.982
1/2/2016 5:45:00 PM 14.701	200700.000	64.934	17.579	148.004
1/2/2016 6:00:00 PM 14.701	201600.000	64.913	17.594	147.956
1/2/2016 6:15:00 PM 14.707	202500.000	64.926	17.588	147.987
1/2/2016 6:30:00 PM 14.698	203400.000	64.918	17.596	147.968
1/2/2016 6:45:00 PM 14.700	204300.000	64.929	17.593	147.994
1/2/2016 7:00:00 PM 14.702	205200.000	64.903	17.582	147.935
1/2/2016 7:15:00 PM 14.704	206100.000	64.911	17.593	147.952
1/2/2016 7:30:00 PM 14.705	207000.000	64.915	17.590	147.962
1/2/2016 7:45:00 PM 14.707	207900.000	64.894	17.591	147.913
1/2/2016 8:00:00 PM 14.706	208800.000	64.918	17.590	147.969
1/2/2016 8:15:00 PM 14.702	209700.000	64.917	17.605	147.965
1/2/2016 8:30:00 PM 14.711	210600.000	64.906	17.596	147.941

1/2/2016 8:45:00 PM 14.718	211500.000	64.914	17.593	147.959
1/2/2016 9:00:00 PM 14.720	212400.000	64.908	17.582	147.946
1/2/2016 9:15:00 PM 14.710	213300.000	64.917	17.583	147.965
1/2/2016 9:30:00 PM 14.724	214200.000	64.904	17.584	147.937
1/2/2016 9:45:00 PM 14.716	215100.000	64.898	17.590	147.921
1/2/2016 10:00:00 PM 14.714	216000.000	64.901	17.596	147.929
1/2/2016 10:15:00 PM 14.717	216900.000	64.889	17.596	147.902
1/2/2016 10:30:00 PM 14.712	217800.000	64.899	17.585	147.924
1/2/2016 10:45:00 PM 14.709	218700.000	64.905	17.597	147.938
1/2/2016 11:00:00 PM 14.705	219600.000	64.912	17.615	147.956
1/2/2016 11:15:00 PM 14.708	220500.000	64.915	17.582	147.961
1/2/2016 11:30:00 PM 14.712	221400.000	64.904	17.604	147.936
1/2/2016 11:45:00 PM 14.705	222300.000	64.910	17.584	147.950
1/3/2016 12:00:00 AM 14.703	223200.000	64.886	17.595	147.895
1/3/2016 12:15:00 AM 14.704	224100.000	64.905	17.586	147.938
1/3/2016 12:30:00 AM 14.698	225000.000	64.902	17.616	147.932
1/3/2016 12:45:00 AM 14.697	225900.000	64.887	17.573	147.898
1/3/2016 1:00:00 AM 14.696	226800.000	64.891	17.586	147.906
1/3/2016 1:15:00 AM 14.697	227700.000	64.896	17.603	147.918
1/3/2016 1:30:00 AM 14.693	228600.000	64.907	17.603	147.943
1/3/2016 1:45:00 AM 14.693	229500.000	64.896	17.605	147.918
1/3/2016 2:00:00 AM 14.693	230400.000	64.901	17.589	147.930
1/3/2016 2:15:00 AM 14.691	231300.000	64.899	17.602	147.925
1/3/2016 2:30:00 AM 14.695	232200.000	64.883	17.583	147.889
1/3/2016 2:45:00 AM 14.695	233100.000	64.903	17.599	147.933
1/3/2016 3:00:00 AM 14.692	234000.000	64.883	17.579	147.889
1/3/2016 3:15:00 AM 14.690	234900.000	64.901	17.585	147.929

1/3/2016 3:30:00 AM 14.693	235800.000	64.886	17.602	147.895
1/3/2016 3:45:00 AM 14.685	236700.000	64.894	17.602	147.914
1/3/2016 4:00:00 AM 14.682	237600.000	64.885	17.596	147.892
1/3/2016 4:15:00 AM 14.685	238500.000	64.883	17.596	147.889
1/3/2016 4:30:00 AM 14.673	239400.000	64.896	17.607	147.917
1/3/2016 4:45:00 AM 14.667	240300.000	64.889	17.592	147.903
1/3/2016 5:00:00 AM 14.670	241200.000	64.877	17.593	147.876
1/3/2016 5:15:00 AM 14.675	242100.000	64.882	17.599	147.885
1/3/2016 5:30:00 AM 14.672	243000.000	64.892	17.580	147.908
1/3/2016 5:45:00 AM 14.667	243900.000	64.884	17.593	147.891
1/3/2016 6:00:00 AM 14.664	244800.000	64.902	17.595	147.931
1/3/2016 6:15:00 AM 14.666	245700.000	64.889	17.600	147.901
1/3/2016 6:30:00 AM 14.674	246600.000	64.886	17.587	147.895
1/3/2016 6:45:00 AM 14.672	247500.000	64.886	17.589	147.895
1/3/2016 7:00:00 AM 14.667	248400.000	64.892	17.582	147.909
1/3/2016 7:15:00 AM 14.672	249300.000	64.885	17.598	147.892
1/3/2016 7:30:00 AM 14.675	250200.000	64.882	17.598	147.887
1/3/2016 7:45:00 AM 14.668	251100.000	64.883	17.605	147.889
1/3/2016 8:00:00 AM 14.673	252000.000	64.878	17.577	147.877
1/3/2016 8:15:00 AM 14.673	252900.000	64.869	17.582	147.856
1/3/2016 8:30:00 AM 14.674	253800.000	64.876	17.603	147.872
1/3/2016 8:45:00 AM 14.682	254700.000	64.865	17.591	147.846
1/3/2016 9:00:00 AM 14.680	255600.000	64.885	17.581	147.893
1/3/2016 9:15:00 AM 14.675	256500.000	64.889	17.584	147.901
1/3/2016 9:30:00 AM 14.688	257400.000	64.860	17.592	147.835
1/3/2016 9:45:00 AM 14.675	258300.000	64.876	17.589	147.872
1/3/2016 10:00:00 AM 14.673	259200.000	64.884	17.576	147.890

1/3/2016 10:15:00 AM 14.676	260100.000	64.875	17.588	147.869
1/3/2016 10:30:00 AM 14.673	261000.000	64.879	17.602	147.879
1/3/2016 10:45:00 AM 14.668	261900.000	64.868	17.576	147.853
1/3/2016 11:00:00 AM 14.667	262800.000	64.862	17.580	147.841
1/3/2016 11:15:00 AM 14.664	263700.000	64.870	17.598	147.860
1/3/2016 11:30:00 AM 14.657	264600.000	64.880	17.621	147.882
1/3/2016 11:45:00 AM 14.655	265500.000	64.865	17.607	147.847
1/3/2016 12:00:00 PM 14.654	266400.000	64.863	17.593	147.842
1/3/2016 12:15:00 PM 14.646	267300.000	64.875	17.606	147.870
1/3/2016 12:30:00 PM 14.643	268200.000	64.859	17.588	147.834
1/3/2016 12:45:00 PM 14.646	269100.000	64.872	17.584	147.864
1/3/2016 1:00:00 PM 14.640	270000.000	64.869	17.583	147.856
1/3/2016 1:15:00 PM 14.638	270900.000	64.860	17.586	147.836
1/3/2016 1:30:00 PM 14.625	271800.000	64.868	17.593	147.853
1/3/2016 1:45:00 PM 14.615	272700.000	64.886	17.607	147.894
1/3/2016 2:00:00 PM 14.621	273600.000	64.868	17.587	147.855
1/3/2016 2:15:00 PM 14.624	274500.000	64.860	17.595	147.836
1/3/2016 2:30:00 PM 14.624	275400.000	64.851	17.608	147.815
1/3/2016 2:45:00 PM 14.613	276300.000	64.870	17.596	147.858
1/3/2016 3:00:00 PM 14.627	277200.000	64.857	17.596	147.828
1/3/2016 3:15:00 PM 14.615	278100.000	64.871	17.600	147.860
1/3/2016 3:30:00 PM 14.621	279000.000	64.850	17.583	147.814
1/3/2016 3:45:00 PM 14.610	279900.000	64.878	17.592	147.878
1/3/2016 4:00:00 PM 14.615	280800.000	64.864	17.583	147.845
1/3/2016 4:15:00 PM 14.617	281700.000	64.868	17.590	147.854
1/3/2016 4:30:00 PM 14.618	282600.000	64.861	17.585	147.839
1/3/2016 4:45:00 PM 14.615	283500.000	64.858	17.580	147.832

1/3/2016 5:00:00 PM 14.613	284400.000	64.868	17.573	147.854
1/3/2016 5:15:00 PM 14.612	285300.000	64.863	17.613	147.844
1/3/2016 5:30:00 PM 14.613	286200.000	64.860	17.619	147.837
1/3/2016 5:45:00 PM 14.622	287100.000	64.857	17.594	147.829
1/3/2016 6:00:00 PM 14.613	288000.000	64.864	17.588	147.845
1/3/2016 6:15:00 PM 14.618	288900.000	64.858	17.588	147.830
1/3/2016 6:30:00 PM 14.619	289800.000	64.852	17.603	147.818
1/3/2016 6:45:00 PM 14.619	290700.000	64.864	17.599	147.846
1/3/2016 7:00:00 PM 14.624	291600.000	64.861	17.585	147.838
1/3/2016 7:15:00 PM 14.625	292500.000	64.855	17.572	147.824
1/3/2016 7:30:00 PM 14.625	293400.000	64.852	17.590	147.817
1/3/2016 7:45:00 PM 14.622	294300.000	64.861	17.591	147.837
1/3/2016 8:00:00 PM 14.625	295200.000	64.849	17.602	147.812
1/3/2016 8:15:00 PM 14.625	296100.000	64.846	17.590	147.805
1/3/2016 8:30:00 PM 14.618	297000.000	64.857	17.554	147.829
1/3/2016 8:45:00 PM 14.620	297900.000	64.843	17.594	147.798
1/3/2016 9:00:00 PM 14.620	298800.000	64.853	17.584	147.821
1/3/2016 9:15:00 PM 14.624	299700.000	64.859	17.601	147.833
1/3/2016 9:30:00 PM 14.619	300600.000	64.853	17.584	147.820
1/3/2016 9:45:00 PM 14.623	301500.000	64.838	17.590	147.785
1/3/2016 10:00:00 PM 14.620	302400.000	64.854	17.596	147.823
1/3/2016 10:15:00 PM 14.623	303300.000	64.858	17.577	147.831
1/3/2016 10:30:00 PM 14.623	304200.000	64.836	17.598	147.781
1/3/2016 10:45:00 PM 14.628	305100.000	64.856	17.605	147.826
1/3/2016 11:00:00 PM 14.620	306000.000	64.868	17.588	147.853
1/3/2016 11:15:00 PM 14.620	306900.000	64.834	17.583	147.777
1/3/2016 11:30:00 PM 14.626	307800.000	64.851	17.599	147.815

1/3/2016 11:45:00 PM 14.626	308700.000	64.847	17.586	147.806
1/4/2016 12:00:00 AM 14.620	309600.000	64.853	17.585	147.820
1/4/2016 12:15:00 AM 14.622	310500.000	64.854	17.589	147.823
1/4/2016 12:30:00 AM 14.616	311400.000	64.836	17.614	147.781
1/4/2016 12:45:00 AM 14.612	312300.000	64.856	17.573	147.827
1/4/2016 1:00:00 AM 14.616	313200.000	64.858	17.602	147.830
1/4/2016 1:15:00 AM 14.620	314100.000	64.844	17.605	147.799
1/4/2016 1:30:00 AM 14.609	315000.000	64.850	17.585	147.814
1/4/2016 1:45:00 AM 14.613	315900.000	64.846	17.576	147.805
1/4/2016 2:00:00 AM 14.617	316800.000	64.838	17.585	147.785
1/4/2016 2:15:00 AM 14.615	317700.000	64.840	17.587	147.791
1/4/2016 2:30:00 AM 14.615	318600.000	64.845	17.585	147.801
1/4/2016 2:45:00 AM 14.614	319500.000	64.849	17.614	147.810
1/4/2016 3:00:00 AM 14.616	320400.000	64.844	17.596	147.799
1/4/2016 3:15:00 AM 14.614	321300.000	64.839	17.602	147.789
1/4/2016 3:30:00 AM 14.608	322200.000	64.838	17.579	147.786
1/4/2016 3:45:00 AM 14.601	323100.000	64.851	17.585	147.816
1/4/2016 4:00:00 AM 14.603	324000.000	64.843	17.593	147.798
1/4/2016 4:15:00 AM 14.600	324900.000	64.848	17.573	147.808
1/4/2016 4:30:00 AM 14.601	325800.000	64.850	17.598	147.812
1/4/2016 4:45:00 AM 14.601	326700.000	64.832	17.595	147.771
1/4/2016 5:00:00 AM 14.599	327600.000	64.840	17.606	147.791
1/4/2016 5:15:00 AM 14.597	328500.000	64.850	17.606	147.813
1/4/2016 5:30:00 AM 14.600	329400.000	64.839	17.592	147.788
1/4/2016 5:45:00 AM 14.600	330300.000	64.847	17.573	147.805
1/4/2016 6:00:00 AM 14.601	331200.000	64.842	17.605	147.794
1/4/2016 6:15:00 AM 14.601	332100.000	64.839	17.595	147.789

1/4/2016 6:30:00 AM 14.599	333000.000	64.856	17.576	147.826
1/4/2016 6:45:00 AM 14.605	333900.000	64.828	17.594	147.764
1/4/2016 7:00:00 AM 14.615	334800.000	64.842	17.582	147.794
1/4/2016 7:15:00 AM 14.620	335700.000	64.833	17.595	147.774
1/4/2016 7:30:00 AM 14.609	336600.000	64.849	17.595	147.812
1/4/2016 7:45:00 AM 14.617	337500.000	64.833	17.590	147.775
1/4/2016 8:00:00 AM 14.613	338400.000	64.836	17.579	147.780
1/4/2016 8:15:00 AM 14.613	339300.000	64.842	17.595	147.796
1/4/2016 8:30:00 AM 14.611	340200.000	64.844	17.588	147.799
1/4/2016 8:45:00 AM 14.617	341100.000	64.829	17.590	147.764
1/4/2016 9:00:00 AM 14.614	342000.000	64.852	17.593	147.819
1/4/2016 9:15:00 AM 14.617	342900.000	64.844	17.596	147.799
1/4/2016 9:30:00 AM 14.623	343800.000	64.831	17.607	147.771
1/4/2016 9:45:00 AM 14.622	344700.000	64.844	17.595	147.800
1/4/2016 10:00:00 AM 14.627	345600.000	64.849	17.588	147.811
1/4/2016 10:15:00 AM 14.629	346500.000	64.844	17.582	147.799
1/4/2016 10:30:00 AM 14.626	347400.000	64.845	17.593	147.802
1/4/2016 10:45:00 AM 14.622	348300.000	64.850	17.596	147.814
1/4/2016 11:00:00 AM 14.626	349200.000	64.827	17.603	147.760
1/4/2016 11:15:00 AM 14.623	350100.000	64.830	17.596	147.767
1/4/2016 11:30:00 AM 14.623	351000.000	64.835	17.599	147.780
1/4/2016 11:45:00 AM 14.621	351900.000	64.827	17.596	147.762
1/4/2016 12:00:00 PM 14.618	352800.000	64.842	17.568	147.796
1/4/2016 12:15:00 PM 14.614	353700.000	64.827	17.599	147.761
1/4/2016 12:30:00 PM 14.611	354600.000	64.831	17.586	147.770
1/4/2016 12:45:00 PM 14.611	355500.000	64.830	17.595	147.767
1/4/2016 1:00:00 PM 14.605	356400.000	64.852	17.582	147.819

1/4/2016 1:15:00 PM 14.603	357300.000	64.818	17.587	147.740
1/4/2016 1:30:00 PM 14.605	358200.000	64.811	17.602	147.724
1/4/2016 1:45:00 PM 14.599	359100.000	64.843	17.596	147.796
1/4/2016 2:00:00 PM 14.595	360000.000	64.837	17.605	147.784
1/4/2016 2:15:00 PM 14.601	360900.000	64.837	17.583	147.784
1/4/2016 2:30:00 PM 14.598	361800.000	64.821	17.596	147.747
1/4/2016 2:45:00 PM 14.599	362700.000	64.833	17.580	147.774
1/4/2016 3:00:00 PM 14.596	363600.000	64.824	17.582	147.754
1/4/2016 3:15:00 PM 14.592	364500.000	64.838	17.582	147.786
1/4/2016 3:30:00 PM 14.591	365400.000	64.829	17.568	147.766
1/4/2016 3:45:00 PM 14.596	366300.000	64.836	17.597	147.781
1/4/2016 4:00:00 PM 14.591	367200.000	64.826	17.607	147.758
1/4/2016 4:15:00 PM 14.594	368100.000	64.826	17.597	147.758
1/4/2016 4:30:00 PM 14.591	369000.000	64.833	17.596	147.775
1/4/2016 4:45:00 PM 14.594	369900.000	64.829	17.610	147.765
1/4/2016 5:00:00 PM 14.599	370800.000	64.818	17.594	147.741
1/4/2016 5:15:00 PM 14.601	371700.000	64.837	17.579	147.783
1/4/2016 5:30:00 PM 14.591	372600.000	64.836	17.590	147.781
1/4/2016 5:45:00 PM 14.605	373500.000	64.822	17.580	147.749
1/4/2016 6:00:00 PM 14.601	374400.000	64.818	17.581	147.740
1/4/2016 6:15:00 PM 14.606	375300.000	64.826	17.598	147.758
1/4/2016 6:30:00 PM 14.601	376200.000	64.822	17.584	147.750
1/4/2016 6:45:00 PM 14.599	377100.000	64.816	17.599	147.736
1/4/2016 7:00:00 PM 14.602	378000.000	64.817	17.615	147.738
1/4/2016 7:15:00 PM 14.602	378900.000	64.812	17.609	147.727
1/4/2016 7:30:00 PM 14.594	379800.000	64.835	17.585	147.780
1/4/2016 7:45:00 PM 14.606	380700.000	64.812	17.580	147.726

1/4/2016 8:00:00 PM 14.594	381600.000	64.825	17.591	147.756
1/4/2016 8:15:00 PM 14.598	382500.000	64.822	17.582	147.749
1/4/2016 8:30:00 PM 14.603	383400.000	64.812	17.584	147.727
1/4/2016 8:45:00 PM 14.600	384300.000	64.817	17.610	147.739
1/4/2016 9:00:00 PM 14.597	385200.000	64.821	17.591	147.747
1/4/2016 9:15:00 PM 14.595	386100.000	64.824	17.583	147.754
1/4/2016 9:30:00 PM 14.595	387000.000	64.808	17.572	147.717
1/4/2016 9:45:00 PM 14.595	387900.000	64.801	17.592	147.701
1/4/2016 10:00:00 PM 14.587	388800.000	64.804	17.576	147.709
1/4/2016 10:15:00 PM 14.589	389700.000	64.815	17.608	147.733
1/4/2016 10:30:00 PM 14.587	390600.000	64.818	17.596	147.740
1/4/2016 10:45:00 PM 14.588	391500.000	64.810	17.596	147.721
1/4/2016 11:00:00 PM 14.583	392400.000	64.818	17.588	147.740
1/4/2016 11:15:00 PM 14.584	393300.000	64.805	17.581	147.712
1/4/2016 11:30:00 PM 14.583	394200.000	64.807	17.589	147.715
1/4/2016 11:45:00 PM 14.584	395100.000	64.800	17.585	147.700
1/5/2016 12:00:00 AM 14.578	396000.000	64.810	17.586	147.722
1/5/2016 12:15:00 AM 14.570	396900.000	64.814	17.582	147.732
1/5/2016 12:30:00 AM 14.570	397800.000	64.802	17.598	147.705
1/5/2016 12:45:00 AM 14.575	398700.000	64.812	17.602	147.726
1/5/2016 1:00:00 AM 14.568	399600.000	64.814	17.606	147.732
1/5/2016 1:15:00 AM 14.569	400500.000	64.812	17.593	147.726
1/5/2016 1:30:00 AM 14.565	401400.000	64.807	17.583	147.716
1/5/2016 1:45:00 AM 14.568	402300.000	64.807	17.589	147.714
1/5/2016 2:00:00 AM 14.568	403200.000	64.804	17.596	147.709
1/5/2016 2:15:00 AM 14.562	404100.000	64.803	17.597	147.705
1/5/2016 2:30:00 AM 14.559	405000.000	64.817	17.593	147.739

1/5/2016 2:45:00 AM 14.562	405900.000	64.799	17.595	147.697
1/5/2016 3:00:00 AM 14.559	406800.000	64.792	17.599	147.682
1/5/2016 3:15:00 AM 14.552	407700.000	64.794	17.597	147.685
1/5/2016 3:30:00 AM 14.552	408600.000	64.797	17.592	147.692
1/5/2016 3:45:00 AM 14.543	409500.000	64.804	17.582	147.708
1/5/2016 4:00:00 AM 14.540	410400.000	64.808	17.585	147.718
1/5/2016 4:15:00 AM 14.545	411300.000	64.776	17.603	147.644
1/5/2016 4:30:00 AM 14.539	412200.000	64.797	17.562	147.691
1/5/2016 4:45:00 AM 14.550	413100.000	64.792	17.588	147.681
1/5/2016 5:00:00 AM 14.540	414000.000	64.789	17.593	147.674
1/5/2016 5:15:00 AM 14.543	414900.000	64.804	17.584	147.707
1/5/2016 5:30:00 AM 14.543	415800.000	64.808	17.584	147.718
1/5/2016 5:45:00 AM 14.541	416700.000	64.814	17.581	147.731
1/5/2016 6:00:00 AM 14.540	417600.000	64.822	17.582	147.749
1/5/2016 6:15:00 AM 14.535	418500.000	64.808	17.599	147.718
1/5/2016 6:30:00 AM 14.541	419400.000	64.804	17.579	147.709
1/5/2016 6:45:00 AM 14.545	420300.000	64.821	17.599	147.746
1/5/2016 7:00:00 AM 14.543	421200.000	64.827	17.593	147.761
1/5/2016 7:15:00 AM 14.556	422100.000	64.819	17.589	147.743
1/5/2016 7:30:00 AM 14.550	423000.000	64.835	17.593	147.779
1/5/2016 7:45:00 AM 14.553	423900.000	64.822	17.582	147.749
1/5/2016 8:00:00 AM 14.553	424800.000	64.844	17.593	147.800
1/5/2016 8:15:00 AM 14.555	425700.000	64.836	17.592	147.782
1/5/2016 8:30:00 AM 14.563	426600.000	64.830	17.575	147.766
1/5/2016 8:45:00 AM 14.559	427500.000	64.828	17.585	147.764
1/5/2016 9:00:00 AM 14.560	428400.000	64.836	17.602	147.780
1/5/2016 9:15:00 AM 14.567	429300.000	64.816	17.596	147.735

1/5/2016 9:30:00 AM 14.566	430200.000	64.843	17.574	147.797
1/5/2016 9:45:00 AM 14.567	431100.000	64.834	17.599	147.777
1/5/2016 10:00:00 AM 14.580	432000.000	64.840	17.613	147.790
1/5/2016 10:15:00 AM 14.579	432900.000	64.843	17.607	147.798
1/5/2016 10:30:00 AM 14.591	433800.000	64.818	17.585	147.741
1/5/2016 10:45:00 AM 14.590	434700.000	64.818	17.600	147.740
1/5/2016 11:00:00 AM 14.588	435600.000	64.835	17.585	147.778
1/5/2016 11:15:00 AM 14.590	436500.000	64.818	17.586	147.740
1/5/2016 11:30:00 AM 14.590	437400.000	64.847	17.581	147.807
1/5/2016 11:45:00 AM 14.597	438300.000	64.831	17.592	147.770
1/5/2016 12:00:00 PM 14.589	439200.000	64.836	17.596	147.780
1/5/2016 12:15:00 PM 14.593	440100.000	64.828	17.585	147.764
1/5/2016 12:30:00 PM 14.594	441000.000	64.837	17.580	147.783
1/5/2016 12:45:00 PM 14.594	441900.000	64.837	17.592	147.784
1/5/2016 1:00:00 PM 14.594	442800.000	64.840	17.582	147.790
1/5/2016 1:15:00 PM 14.607	443700.000	64.818	17.614	147.740
1/5/2016 1:30:00 PM 14.604	444600.000	64.839	17.605	147.789
1/5/2016 1:45:00 PM 14.606	445500.000	64.819	17.598	147.742
1/5/2016 2:00:00 PM 14.608	446400.000	64.827	17.590	147.760
1/5/2016 2:15:00 PM 14.609	447300.000	64.829	17.611	147.765
1/5/2016 2:30:00 PM 14.608	448200.000	64.833	17.605	147.774
1/5/2016 2:45:00 PM 14.612	449100.000	64.836	17.607	147.781
1/5/2016 3:00:00 PM 14.608	450000.000	64.848	17.584	147.808
1/5/2016 3:15:00 PM 14.614	450900.000	64.835	17.607	147.779
1/5/2016 3:30:00 PM 14.615	451800.000	64.819	17.597	147.743
1/5/2016 3:45:00 PM 14.617	452700.000	64.834	17.613	147.777
1/5/2016 4:00:00 PM 14.622	453600.000	64.832	17.603	147.772

1/5/2016 4:15:00 PM 14.621	454500.000	64.835	17.607	147.778
1/5/2016 4:30:00 PM 14.625	455400.000	64.835	17.595	147.780
1/5/2016 4:45:00 PM 14.626	456300.000	64.847	17.588	147.807
1/5/2016 5:00:00 PM 14.633	457200.000	64.817	17.597	147.739
1/5/2016 5:15:00 PM 14.628	458100.000	64.836	17.594	147.781
1/5/2016 5:30:00 PM 14.640	459000.000	64.829	17.597	147.766
1/5/2016 5:45:00 PM 14.636	459900.000	64.824	17.598	147.753
1/5/2016 6:00:00 PM 14.639	460800.000	64.820	17.583	147.745
1/5/2016 6:15:00 PM 14.642	461700.000	64.825	17.582	147.756
1/5/2016 6:30:00 PM 14.647	462600.000	64.815	17.585	147.733
1/5/2016 6:45:00 PM 14.643	463500.000	64.827	17.587	147.760
1/5/2016 7:00:00 PM 14.645	464400.000	64.826	17.599	147.758
1/5/2016 7:15:00 PM 14.645	465300.000	64.842	17.597	147.795
1/5/2016 7:30:00 PM 14.649	466200.000	64.831	17.593	147.770
1/5/2016 7:45:00 PM 14.650	467100.000	64.833	17.594	147.774
1/5/2016 8:00:00 PM 14.650	468000.000	64.823	17.604	147.751
1/5/2016 8:15:00 PM 14.654	468900.000	64.821	17.612	147.747
1/5/2016 8:30:00 PM 14.652	469800.000	64.833	17.602	147.773
1/5/2016 8:45:00 PM 14.657	470700.000	64.824	17.602	147.753
1/5/2016 9:00:00 PM 14.665	471600.000	64.828	17.589	147.764
1/5/2016 9:15:00 PM 14.671	472500.000	64.813	17.583	147.728
1/5/2016 9:30:00 PM 14.667	473400.000	64.824	17.598	147.754
1/5/2016 9:45:00 PM 14.674	474300.000	64.822	17.596	147.750
1/5/2016 10:00:00 PM 14.670	475200.000	64.822	17.598	147.749
1/5/2016 10:15:00 PM 14.670	476100.000	64.821	17.596	147.748
1/5/2016 10:30:00 PM 14.666	477000.000	64.839	17.596	147.788
1/5/2016 10:45:00 PM 14.670	477900.000	64.821	17.581	147.746

1/5/2016 11:00:00 PM 14.668	478800.000	64.819	17.602	147.742
1/5/2016 11:15:00 PM 14.672	479700.000	64.808	17.592	147.716
1/5/2016 11:30:00 PM 14.666	480600.000	64.822	17.590	147.749
1/5/2016 11:45:00 PM 14.663	481500.000	64.825	17.593	147.757
1/6/2016 12:00:00 AM 14.662	482400.000	64.813	17.602	147.729
1/6/2016 12:15:00 AM 14.655	483300.000	64.814	17.591	147.730
1/6/2016 12:30:00 AM 14.654	484200.000	64.818	17.610	147.741
1/6/2016 12:45:00 AM 14.654	485100.000	64.820	17.610	147.744
1/6/2016 1:00:00 AM 14.655	486000.000	64.814	17.603	147.732
1/6/2016 1:15:00 AM 14.648	486900.000	64.802	17.595	147.703
1/6/2016 1:30:00 AM 14.639	487800.000	64.802	17.593	147.704
1/6/2016 1:45:00 AM 14.642	488700.000	64.800	17.585	147.700
1/6/2016 2:00:00 AM 14.634	489600.000	64.808	17.603	147.718
1/6/2016 2:15:00 AM 14.630	490500.000	64.802	17.582	147.703
1/6/2016 2:30:00 AM 14.632	491400.000	64.816	17.577	147.736
1/6/2016 2:45:00 AM 14.619	492300.000	64.810	17.581	147.721
1/6/2016 3:00:00 AM 14.620	493200.000	64.806	17.583	147.713
1/6/2016 3:15:00 AM 14.609	494100.000	64.812	17.596	147.726
1/6/2016 3:30:00 AM 14.600	495000.000	64.793	17.588	147.684
1/6/2016 3:45:00 AM 14.598	495900.000	64.804	17.588	147.707
1/6/2016 4:00:00 AM 14.591	496800.000	64.800	17.579	147.699
1/6/2016 4:15:00 AM 14.589	497700.000	64.803	17.605	147.707
1/6/2016 4:30:00 AM 14.586	498600.000	64.802	17.593	147.703
1/6/2016 4:45:00 AM 14.583	499500.000	64.814	17.612	147.731
1/6/2016 5:00:00 AM 14.581	500400.000	64.794	17.609	147.686
1/6/2016 5:15:00 AM 14.582	501300.000	64.798	17.580	147.695
1/6/2016 5:30:00 AM 14.592	502200.000	64.804	17.576	147.709

1/6/2016 5:45:00 AM 14.593	503100.000	64.828	17.596	147.763
1/6/2016 6:00:00 AM 14.598	504000.000	64.817	17.586	147.738
1/6/2016 6:15:00 AM 14.604	504900.000	64.812	17.584	147.727
1/6/2016 6:30:00 AM 14.593	505800.000	64.817	17.588	147.738
1/6/2016 6:45:00 AM 14.585	506700.000	64.821	17.583	147.748
1/6/2016 7:00:00 AM 14.584	507600.000	64.816	17.590	147.735
1/6/2016 7:15:00 AM 14.581	508500.000	64.826	17.587	147.759
1/6/2016 7:30:00 AM 14.590	509400.000	64.810	17.574	147.721
1/6/2016 7:45:00 AM 14.587	510300.000	64.826	17.581	147.758
1/6/2016 8:00:00 AM 14.585	511200.000	64.835	17.586	147.779
1/6/2016 8:15:00 AM 14.595	512100.000	64.838	17.582	147.787
1/6/2016 8:30:00 AM 14.603	513000.000	64.823	17.597	147.751
1/6/2016 8:45:00 AM 14.604	513900.000	64.814	17.597	147.730
1/6/2016 9:00:00 AM 14.599	514800.000	64.832	17.592	147.771
1/6/2016 9:15:00 AM 14.613	515700.000	64.815	17.581	147.732
1/6/2016 9:30:00 AM 14.609	516600.000	64.822	17.584	147.750
1/6/2016 9:45:00 AM 14.614	517500.000	64.826	17.599	147.758
1/6/2016 10:00:00 AM 14.617	518400.000	64.809	17.607	147.719
1/6/2016 10:15:00 AM 14.614	519300.000	64.818	17.596	147.739
1/6/2016 10:30:00 AM 14.608	520200.000	64.829	17.569	147.765
1/6/2016 10:45:00 AM 14.616	521100.000	64.818	17.570	147.741
1/6/2016 11:00:00 AM 14.613	522000.000	64.808	17.580	147.717
1/6/2016 11:15:00 AM 14.607	522900.000	64.832	17.596	147.772
1/6/2016 11:30:00 AM 14.609	523800.000	64.818	17.589	147.740
1/6/2016 11:45:00 AM 14.603	524700.000	64.831	17.580	147.769
1/6/2016 12:00:00 PM 14.595	525600.000	64.831	17.590	147.771
1/6/2016 12:15:00 PM 14.594	526500.000	64.831	17.609	147.770

1/6/2016 12:30:00 PM 14.595	527400.000	64.832	17.591	147.773
1/6/2016 12:45:00 PM 14.596	528300.000	64.822	17.582	147.749
1/6/2016 1:00:00 PM 14.596	529200.000	64.816	17.609	147.736
1/6/2016 1:15:00 PM 14.591	530100.000	64.837	17.593	147.784
1/6/2016 1:30:00 PM 14.590	531000.000	64.835	17.585	147.778
1/6/2016 1:45:00 PM 14.597	531900.000	64.828	17.602	147.764
1/6/2016 2:00:00 PM 14.592	532800.000	64.829	17.605	147.765
1/6/2016 2:15:00 PM 14.588	533700.000	64.831	17.588	147.771
1/6/2016 2:30:00 PM 14.586	534600.000	64.835	17.578	147.779
1/6/2016 2:45:00 PM 14.588	535500.000	64.835	17.590	147.778
1/6/2016 3:00:00 PM 14.587	536400.000	64.842	17.599	147.796
1/6/2016 3:15:00 PM 14.591	537300.000	64.827	17.575	147.760
1/6/2016 3:30:00 PM 14.593	538200.000	64.821	17.591	147.748
1/6/2016 3:45:00 PM 14.591	539100.000	64.840	17.590	147.791
1/6/2016 4:00:00 PM 14.591	540000.000	64.832	17.588	147.772
1/6/2016 4:15:00 PM 14.588	540900.000	64.838	17.604	147.786
1/6/2016 4:30:00 PM 14.597	541800.000	64.834	17.598	147.776
1/6/2016 4:45:00 PM 14.593	542700.000	64.826	17.593	147.758
1/6/2016 5:00:00 PM 14.598	543600.000	64.829	17.576	147.764
1/6/2016 5:15:00 PM 14.593	544500.000	64.839	17.582	147.788
1/6/2016 5:30:00 PM 14.593	545400.000	64.840	17.573	147.791
1/6/2016 5:45:00 PM 14.596	546300.000	64.834	17.596	147.777
1/6/2016 6:00:00 PM 14.594	547200.000	64.826	17.578	147.758
1/6/2016 6:15:00 PM 14.601	548100.000	64.820	17.593	147.745
1/6/2016 6:30:00 PM 14.606	549000.000	64.818	17.593	147.740
1/6/2016 6:45:00 PM 14.603	549900.000	64.835	17.592	147.779
1/6/2016 7:00:00 PM 14.606	550800.000	64.821	17.605	147.747

1/6/2016 7:15:00 PM 14.603	551700.000	64.829	17.607	147.766
1/6/2016 7:30:00 PM 14.605	552600.000	64.823	17.588	147.753
1/6/2016 7:45:00 PM 14.611	553500.000	64.817	17.605	147.737
1/6/2016 8:00:00 PM 14.608	554400.000	64.828	17.581	147.763
1/6/2016 8:15:00 PM 14.608	555300.000	64.819	17.606	147.743
1/6/2016 8:30:00 PM 14.608	556200.000	64.823	17.587	147.752
1/6/2016 8:45:00 PM 14.620	557100.000	64.807	17.599	147.714
1/6/2016 9:00:00 PM 14.614	558000.000	64.818	17.603	147.740
1/6/2016 9:15:00 PM 14.615	558900.000	64.833	17.589	147.774
1/6/2016 9:30:00 PM 14.618	559800.000	64.821	17.581	147.748
1/6/2016 9:45:00 PM 14.616	560700.000	64.825	17.577	147.757
1/6/2016 10:00:00 PM 14.623	561600.000	64.820	17.616	147.745
1/6/2016 10:15:00 PM 14.619	562500.000	64.823	17.590	147.751
1/6/2016 10:30:00 PM 14.629	563400.000	64.823	17.598	147.753
1/6/2016 10:45:00 PM 14.623	564300.000	64.816	17.592	147.736
1/6/2016 11:00:00 PM 14.634	565200.000	64.814	17.596	147.731
1/6/2016 11:15:00 PM 14.629	566100.000	64.817	17.588	147.739
1/6/2016 11:30:00 PM 14.629	567000.000	64.819	17.586	147.743
1/6/2016 11:45:00 PM 14.629	567900.000	64.819	17.596	147.743

Report Date: 1/11/2016 11:31:31 AM
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_2016-01-07_10-17-49-098.wsl
Create Date: 1/7/2016 10:16:16 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

Log Notes:

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

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

Log Data:

Record Count: 673

Sensors: 1

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

Time Zone: Pacific Standard Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Elapsed Time	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#:
SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	SN#: 396433	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)	Total Dissolved Solids (ppt)	
Resistivity (ohm-cm)		Water Density (g/cm3)			
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12/31/2015 12:00:00 AM	2674800.000	12.298	16.312	27.703
36649.824	43941.117	28.463	29.880	27.285
1.021				
12/31/2015 12:15:00 AM	2675700.000	12.302	16.312	27.711
36348.781	43580.270	28.204	29.635	27.511
1.020				
12/31/2015 12:30:00 AM	2676600.000	12.287	16.312	27.679
36059.652	43233.621	27.955	29.399	27.732
1.020				
12/31/2015 12:45:00 AM	2677500.000	12.309	16.311	27.728
37605.652	45088.730	29.290	30.660	26.592
1.021				
12/31/2015 1:00:00 AM	2678400.000	12.235	16.312	27.562
37603.828	45085.547	29.288	30.658	26.593
1.021				
12/31/2015 1:15:00 AM	2679300.000	12.284	16.311	27.671
37633.793	45122.285	29.314	30.683	26.572
1.021				
12/31/2015 1:30:00 AM	2680200.000	12.249	16.313	27.593
37538.367	45005.789	29.230	30.604	26.639
1.021				
12/31/2015 1:45:00 AM	2681100.000	12.289	16.313	27.681
37445.172	44894.234	29.150	30.528	26.706
1.021				
12/31/2015 2:00:00 AM	2682000.000	12.293	16.314	27.691
37333.242	44759.223	29.053	30.436	26.786
1.021				
12/31/2015 2:15:00 AM	2682900.000	12.341	16.314	27.798
37165.809	44557.941	28.908	30.299	26.906
1.021				
12/31/2015 2:30:00 AM	2683800.000	12.324	16.312	27.760
36213.105	43418.391	28.088	29.525	27.614
1.020				
12/31/2015 2:45:00 AM	2684700.000	12.291	16.310	27.687
36056.137	43232.113	27.954	29.398	27.735
1.020				
12/31/2015 3:00:00 AM	2685600.000	12.292	16.310	27.689
37500.938	44964.086	29.200	30.576	26.666
1.021				
12/31/2015 3:15:00 AM	2686500.000	12.312	16.310	27.733
37464.605	44920.160	29.169	30.546	26.692
1.021				
12/31/2015 3:30:00 AM	2687400.000	12.322	16.310	27.756
37303.691	44727.859	29.030	30.415	26.807
1.021				
12/31/2015 3:45:00 AM	2688300.000	12.307	16.311	27.724
37269.727	44686.145	29.000	30.387	26.831
1.021				
12/31/2015 4:00:00 AM	2689200.000	12.276	16.311	27.652
37270.273	44686.801	29.000	30.387	26.831
1.021				
12/31/2015 4:15:00 AM	2690100.000	12.248	16.308	27.591
36985.246	44347.473	28.756	30.156	27.038

1.021				
12/31/2015 4:30:00 AM	2691000.000	12.274	16.305	27.649
37041.262	44417.867	28.806	30.204	26.997
1.021				
12/31/2015 4:45:00 AM	2691900.000	12.227	16.306	27.542
36563.273	43844.152	28.393	29.814	27.350
1.021				
12/31/2015 5:00:00 AM	2692800.000	12.473	16.307	28.096
36213.301	43423.352	28.091	29.528	27.614
1.020				
12/31/2015 5:15:00 AM	2693700.000	12.644	16.311	28.481
36001.262	43165.352	27.906	29.352	27.777
1.020				
12/31/2015 5:30:00 AM	2694600.000	12.645	16.307	28.484
37646.766	45141.852	29.328	30.696	26.563
1.021				
12/31/2015 5:45:00 AM	2695500.000	12.575	16.308	28.327
37698.629	45202.859	29.372	30.738	26.526
1.021				
12/31/2015 6:00:00 AM	2696400.000	12.657	16.307	28.510
37699.355	45205.191	29.374	30.740	26.526
1.021				
12/31/2015 6:15:00 AM	2697300.000	12.648	16.304	28.492
37775.332	45299.309	29.442	30.804	26.472
1.021				
12/31/2015 6:30:00 AM	2698200.000	12.604	16.299	28.391
37801.887	45336.098	29.468	30.829	26.454
1.021				
12/31/2015 6:45:00 AM	2699100.000	12.600	16.296	28.384
37819.793	45360.781	29.486	30.845	26.441
1.021				
12/31/2015 7:00:00 AM	2700000.000	12.611	16.292	28.407
37846.371	45397.152	29.512	30.870	26.423
1.021				
12/31/2015 7:15:00 AM	2700900.000	12.685	16.290	28.573
37840.402	45391.824	29.508	30.866	26.427
1.021				
12/31/2015 7:30:00 AM	2701800.000	12.613	16.282	28.412
37890.371	45460.297	29.557	30.913	26.392
1.022				
12/31/2015 7:45:00 AM	2702700.000	12.638	16.277	28.468
37912.531	45492.137	29.580	30.935	26.377
1.022				
12/31/2015 8:00:00 AM	2703600.000	12.611	16.273	28.406
37868.426	45443.434	29.544	30.902	26.407
1.021				
12/31/2015 8:15:00 AM	2704500.000	12.640	16.265	28.474
37973.066	45576.926	29.640	30.992	26.334
1.022				
12/31/2015 8:30:00 AM	2705400.000	12.663	16.263	28.524
37873.574	45459.984	29.555	30.913	26.404
1.022				
12/31/2015 8:45:00 AM	2706300.000	12.711	16.261	28.633
37920.203	45517.973	29.597	30.952	26.371

1.022					
12/31/2015 9:00:00 AM	2707200.000	12.717	16.258	28.645	
37964.656	45574.008	29.638	30.990	26.340	
1.022					
12/31/2015 9:15:00 AM	2708100.000	12.821	16.259	28.881	
37847.586	45432.375	29.535	30.894	26.422	
1.021					
12/31/2015 9:30:00 AM	2709000.000	12.817	16.263	28.871	
37792.156	45361.902	29.485	30.846	26.461	
1.021					
12/31/2015 9:45:00 AM	2709900.000	12.789	16.261	28.809	
37188.910	44639.535	28.963	30.355	26.890	
1.021					
12/31/2015 10:00:00 AM	0.000	12.843	16.261	28.931	
37061.762	44486.914	28.853	30.251	26.982	
1.021					
12/31/2015 10:15:00 AM	900.000	12.935	16.259	29.136	
37026.992	44447.781	28.825	30.224	27.007	
1.021					
12/31/2015 10:30:00 AM	1800.000	12.877	16.255	29.007	
36766.090	44138.695	28.602	30.014	27.199	
1.021					
12/31/2015 10:45:00 AM	2700.000	12.969	16.253	29.214	
36823.598	44209.336	28.653	30.062	27.156	
1.021					
12/31/2015 11:00:00 AM	3600.000	12.904	16.254	29.068	
36998.770	44418.383	28.804	30.205	27.028	
1.021					
12/31/2015 11:15:00 AM	4500.000	12.959	16.252	29.191	
36974.223	44391.883	28.784	30.186	27.046	
1.021					
12/31/2015 11:30:00 AM	5400.000	12.965	16.251	29.205	
37267.746	44745.016	29.039	30.427	26.833	
1.021					
12/31/2015 11:45:00 AM	6300.000	12.791	16.250	28.812	
36915.816	44323.637	28.735	30.140	27.089	
1.021					
12/31/2015 12:00:00 PM	7200.000	12.787	16.262	28.803	
37808.125	45382.074	29.499	30.860	26.449	
1.021					
12/31/2015 12:15:00 PM	8100.000	12.791	16.258	28.813	
37886.734	45480.840	29.570	30.927	26.394	
1.022					
12/31/2015 12:30:00 PM	9000.000	12.717	16.255	28.647	
37840.172	45427.516	29.532	30.891	26.427	
1.021					
12/31/2015 12:45:00 PM	9900.000	12.679	16.254	28.561	
37917.414	45521.813	29.600	30.955	26.373	
1.022					
12/31/2015 1:00:00 PM	10800.000	12.670	16.251	28.541	
37912.375	45518.613	29.597	30.953	26.377	
1.022					
12/31/2015 1:15:00 PM	11700.000	12.671	16.249	28.542	
37949.664	45565.328	29.631	30.984	26.351	

1.022				
12/31/2015 1:30:00 PM	12600.000	12.605	16.250	28.394
37907.887	45514.426	29.594	30.950	26.380
1.022				
12/31/2015 1:45:00 PM	13500.000	12.629	16.244	28.448
37885.477	45493.500	29.579	30.936	26.395
1.022				
12/31/2015 2:00:00 PM	14400.000	12.603	16.245	28.389
37888.219	45496.137	29.581	30.937	26.393
1.022				
12/31/2015 2:15:00 PM	15300.000	12.605	16.244	28.394
37920.473	45535.617	29.609	30.964	26.371
1.022				
12/31/2015 2:30:00 PM	16200.000	12.601	16.242	28.386
37892.957	45504.969	29.587	30.943	26.390
1.022				
12/31/2015 2:45:00 PM	17100.000	12.594	16.242	28.368
37827.965	45426.637	29.530	30.890	26.435
1.021				
12/31/2015 3:00:00 PM	18000.000	12.556	16.241	28.283
37091.586	44543.141	28.893	30.289	26.960
1.021				
12/31/2015 3:15:00 PM	18900.000	12.515	16.240	28.191
36955.438	44381.441	28.776	30.179	27.060
1.021				
12/31/2015 3:30:00 PM	19800.000	12.469	16.265	28.088
37828.016	45402.637	29.514	30.874	26.435
1.021				
12/31/2015 3:45:00 PM	20700.000	12.566	16.266	28.307
37820.293	45392.734	29.507	30.867	26.441
1.021				
12/31/2015 4:00:00 PM	21600.000	12.547	16.264	28.263
37893.855	45482.672	29.572	30.928	26.390
1.022				
12/31/2015 4:15:00 PM	22500.000	12.455	16.259	28.056
37875.164	45466.297	29.560	30.917	26.403
1.022				
12/31/2015 4:30:00 PM	23400.000	12.448	16.258	28.041
37786.371	45360.543	29.483	30.845	26.465
1.021				
12/31/2015 4:45:00 PM	24300.000	12.477	16.254	28.105
37779.621	45355.824	29.480	30.842	26.469
1.021				
12/31/2015 5:00:00 PM	25200.000	12.415	16.254	27.967
37746.902	45316.547	29.451	30.815	26.492
1.021				
12/31/2015 5:15:00 PM	26100.000	12.375	16.253	27.876
37725.965	45293.430	29.435	30.800	26.507
1.021				
12/31/2015 5:30:00 PM	27000.000	12.350	16.249	27.819
36793.477	44177.828	28.630	30.041	27.179
1.021				
12/31/2015 5:45:00 PM	27900.000	12.351	16.249	27.822
36392.672	43696.391	28.284	29.714	27.478

1.021				
12/31/2015 6:00:00 PM	28800.000	12.317	16.243	27.746
37897.813	45509.789	29.590	30.947	26.387
1.022				
12/31/2015 6:15:00 PM	29700.000	12.251	16.243	27.597
37861.664	45465.914	29.559	30.917	26.412
1.022				
12/31/2015 6:30:00 PM	30600.000	12.245	16.241	27.583
37854.164	45459.754	29.554	30.913	26.417
1.022				
12/31/2015 6:45:00 PM	31500.000	12.210	16.241	27.504
37855.273	45461.086	29.555	30.914	26.416
1.022				
12/31/2015 7:00:00 PM	32400.000	12.180	16.239	27.438
37863.402	45472.230	29.563	30.921	26.411
1.022				
12/31/2015 7:15:00 PM	33300.000	12.175	16.237	27.426
37054.668	44503.586	28.864	30.262	26.987
1.021				
12/31/2015 7:30:00 PM	34200.000	12.169	16.240	27.413
36442.422	43765.438	28.333	29.760	27.441
1.021				
12/31/2015 7:45:00 PM	35100.000	12.161	16.242	27.393
37857.574	45462.566	29.556	30.915	26.415
1.022				
12/31/2015 8:00:00 PM	36000.000	12.098	16.243	27.251
37750.164	45332.105	29.462	30.826	26.490
1.021				
12/31/2015 8:15:00 PM	36900.000	12.120	16.244	27.300
37773.324	45358.918	29.481	30.844	26.474
1.021				
12/31/2015 8:30:00 PM	37800.000	12.041	16.249	27.125
37690.395	45254.027	29.406	30.773	26.532
1.021				
12/31/2015 8:45:00 PM	38700.000	12.030	16.253	27.099
36751.586	44123.152	28.591	30.004	27.210
1.021				
12/31/2015 9:00:00 PM	39600.000	12.074	16.251	27.198
37745.070	45318.207	29.452	30.816	26.494
1.021				
12/31/2015 9:15:00 PM	40500.000	12.055	16.251	27.155
37714.348	45280.949	29.425	30.791	26.515
1.021				
12/31/2015 9:30:00 PM	41400.000	12.025	16.255	27.087
37643.418	45191.488	29.361	30.730	26.565
1.021				
12/31/2015 9:45:00 PM	42300.000	11.976	16.259	26.977
37553.031	45079.523	29.280	30.654	26.629
1.021				
12/31/2015 10:00:00 PM	43200.000	11.934	16.259	26.882
35830.078	43011.324	27.793	29.248	27.910
1.020				
12/31/2015 10:15:00 PM	44100.000	11.925	16.260	26.862
37230.047	44690.813	29.000	30.390	26.860

1.021				
12/31/2015 10:30:00 PM	45000.000	11.955	16.257	26.929
37219.094	44680.824	28.993	30.383	26.868
1.021				
12/31/2015 10:45:00 PM	45900.000	11.886	16.256	26.775
37516.094	45037.727	29.250	30.626	26.655
1.021				
12/31/2015 11:00:00 PM	46800.000	11.936	16.257	26.886
36622.551	43963.875	28.477	29.895	27.306
1.021				
12/31/2015 11:15:00 PM	47700.000	11.958	16.256	26.937
36244.813	43511.566	28.152	29.588	27.590
1.020				
12/31/2015 11:30:00 PM	48600.000	11.983	16.256	26.993
37506.230	45025.707	29.241	30.617	26.662
1.021				
12/31/2015 11:45:00 PM	49500.000	11.956	16.252	26.931
37627.020	45175.641	29.349	30.719	26.577
1.021				
1/1/2016 12:00:00 AM	50400.000	11.969	16.255	26.961
37283.172	44759.281	29.049	30.436	26.822
1.021				
1/1/2016 12:15:00 AM	51300.000	11.966	16.239	26.956
37667.730	45237.605	29.393	30.762	26.548
1.021				
1/1/2016 12:30:00 AM	52200.000	12.043	16.243	27.129
37451.742	44974.297	29.204	30.583	26.701
1.021				
1/1/2016 12:45:00 AM	53100.000	12.066	16.241	27.180
36467.891	43795.039	28.354	29.781	27.421
1.021				
1/1/2016 1:00:00 AM	54000.000	12.048	16.237	27.139
37714.008	45295.102	29.435	30.801	26.515
1.021				
1/1/2016 1:15:00 AM	54900.000	12.079	16.229	27.210
37700.137	45286.688	29.428	30.795	26.525
1.021				
1/1/2016 1:30:00 AM	55800.000	12.046	16.237	27.135
37728.207	45312.348	29.447	30.812	26.505
1.021				
1/1/2016 1:45:00 AM	56700.000	12.049	16.228	27.143
37816.816	45427.965	29.530	30.891	26.443
1.021				
1/1/2016 2:00:00 AM	57600.000	12.088	16.235	27.228
37737.660	45325.895	29.457	30.822	26.499
1.021				
1/1/2016 2:15:00 AM	58500.000	12.121	16.231	27.303
37782.195	45383.793	29.498	30.861	26.467
1.021				
1/1/2016 2:30:00 AM	59400.000	12.081	16.225	27.214
37760.922	45364.027	29.484	30.848	26.482
1.021				
1/1/2016 2:45:00 AM	60300.000	12.111	16.225	27.281
37721.945	45317.203	29.450	30.816	26.510

1.021				
1/1/2016 3:00:00 AM	61200.000	12.109	16.221	27.277
37742.355	45346.121	29.471	30.835	26.495
1.021				
1/1/2016 3:15:00 AM	62100.000	12.137	16.222	27.341
37702.055	45296.789	29.435	30.802	26.524
1.021				
1/1/2016 3:30:00 AM	63000.000	12.208	16.217	27.499
37759.035	45370.387	29.488	30.852	26.484
1.021				
1/1/2016 3:45:00 AM	63900.000	12.161	16.223	27.393
37768.820	45375.797	29.492	30.856	26.477
1.021				
1/1/2016 4:00:00 AM	64800.000	12.144	16.220	27.356
37748.141	45353.801	29.476	30.841	26.491
1.021				
1/1/2016 4:15:00 AM	65700.000	12.133	16.223	27.332
37724.480	45322.723	29.454	30.819	26.508
1.021				
1/1/2016 4:30:00 AM	66600.000	12.110	16.219	27.279
37591.129	45166.617	29.341	30.713	26.602
1.021				
1/1/2016 4:45:00 AM	67500.000	12.167	16.216	27.408
36968.398	44421.262	28.803	30.206	27.050
1.021				
1/1/2016 5:00:00 AM	68400.000	12.135	16.218	27.335
36820.441	44241.602	28.674	30.084	27.159
1.021				
1/1/2016 5:15:00 AM	69300.000	12.175	16.215	27.426
36539.508	43907.160	28.433	29.857	27.368
1.021				
1/1/2016 5:30:00 AM	70200.000	12.158	16.212	27.386
36477.688	43835.094	28.381	29.808	27.414
1.021				
1/1/2016 5:45:00 AM	71100.000	12.153	16.211	27.376
37821.824	45451.434	29.546	30.907	26.440
1.022				
1/1/2016 6:00:00 AM	72000.000	12.170	16.213	27.415
37849.980	45483.895	29.570	30.929	26.420
1.022				
1/1/2016 6:15:00 AM	72900.000	12.378	16.217	27.883
37727.906	45332.707	29.461	30.826	26.506
1.021				
1/1/2016 6:30:00 AM	73800.000	12.487	16.216	28.128
37772.219	45387.414	29.500	30.863	26.474
1.021				
1/1/2016 6:45:00 AM	74700.000	12.455	16.214	28.057
37799.813	45421.770	29.525	30.887	26.455
1.021				
1/1/2016 7:00:00 AM	75600.000	12.452	16.212	28.049
37655.902	45251.125	29.402	30.771	26.556
1.021				
1/1/2016 7:15:00 AM	76500.000	12.528	16.210	28.221
37849.199	45485.719	29.571	30.930	26.421

1.022				
1/1/2016 7:30:00 AM	77400.000	12.506	16.207	28.171
37725.008	45339.398	29.465	30.831	26.508
1.021				
1/1/2016 7:45:00 AM	78300.000	12.491	16.206	28.137
37780.715	45407.188	29.514	30.877	26.469
1.021				
1/1/2016 8:00:00 AM	79200.000	12.431	16.205	28.001
37772.309	45398.555	29.508	30.871	26.474
1.021				
1/1/2016 8:15:00 AM	80100.000	12.449	16.207	28.043
37792.492	45420.785	29.524	30.886	26.460
1.021				
1/1/2016 8:30:00 AM	81000.000	12.502	16.204	28.163
37789.563	45420.203	29.523	30.886	26.462
1.021				
1/1/2016 8:45:00 AM	81900.000	12.528	16.202	28.220
37883.441	45535.074	29.606	30.964	26.397
1.022				
1/1/2016 9:00:00 AM	82800.000	12.489	16.201	28.132
37849.480	45495.180	29.577	30.937	26.420
1.022				
1/1/2016 9:15:00 AM	83700.000	12.477	16.200	28.105
37761.230	45390.016	29.501	30.865	26.482
1.021				
1/1/2016 9:30:00 AM	84600.000	12.495	16.200	28.147
37827.289	45470.074	29.559	30.920	26.436
1.022				
1/1/2016 9:45:00 AM	85500.000	12.536	16.200	28.239
37812.691	45452.434	29.546	30.908	26.446
1.022				
1/1/2016 10:00:00 AM	86400.000	12.575	16.200	28.327
37787.102	45421.844	29.524	30.887	26.464
1.021				
1/1/2016 10:15:00 AM	87300.000	12.590	16.197	28.359
37781.914	45418.836	29.522	30.885	26.468
1.021				
1/1/2016 10:30:00 AM	88200.000	12.697	16.197	28.602
37785.168	45422.461	29.524	30.887	26.465
1.021				
1/1/2016 10:45:00 AM	89100.000	12.624	16.199	28.436
37825.453	45469.141	29.558	30.919	26.437
1.022				
1/1/2016 11:00:00 AM	90000.000	12.756	16.197	28.735
37744.176	45373.281	29.489	30.854	26.494
1.021				
1/1/2016 11:15:00 AM	90900.000	12.673	16.195	28.547
37810.289	45454.781	29.548	30.909	26.448
1.022				
1/1/2016 11:30:00 AM	91800.000	12.742	16.192	28.702
37818.895	45467.707	29.557	30.918	26.442
1.022				
1/1/2016 11:45:00 AM	92700.000	12.741	16.194	28.699
37853.270	45507.008	29.585	30.945	26.418

1.022				
1/1/2016 12:00:00 PM	93600.000	12.817	16.196	28.872
37795.875	45436.723	29.535	30.897	26.458
1.022				
1/1/2016 12:15:00 PM	94500.000	12.805	16.198	28.844
37730.359	45355.203	29.476	30.842	26.504
1.021				
1/1/2016 12:30:00 PM	95400.000	12.813	16.198	28.863
37765.496	45398.000	29.507	30.871	26.479
1.021				
1/1/2016 12:45:00 PM	96300.000	12.816	16.198	28.870
37699.559	45318.629	29.449	30.817	26.526
1.021				
1/1/2016 1:00:00 PM	97200.000	12.789	16.197	28.808
37793.098	45431.633	29.531	30.894	26.460
1.022				
1/1/2016 1:15:00 PM	98100.000	12.697	16.197	28.602
37774.656	45410.203	29.515	30.879	26.473
1.021				
1/1/2016 1:30:00 PM	99000.000	12.640	16.190	28.474
37736.480	45370.828	29.487	30.852	26.500
1.021				
1/1/2016 1:45:00 PM	99900.000	12.597	16.191	28.376
37773.188	45414.230	29.518	30.882	26.474
1.021				
1/1/2016 2:00:00 PM	100800.000	12.588	16.190	28.356
37751.727	45389.348	29.500	30.865	26.489
1.021				
1/1/2016 2:15:00 PM	101700.000	12.541	16.190	28.250
37742.727	45379.066	29.493	30.858	26.495
1.021				
1/1/2016 2:30:00 PM	102600.000	12.460	16.187	28.067
37820.070	45474.738	29.562	30.923	26.441
1.022				
1/1/2016 2:45:00 PM	103500.000	12.435	16.183	28.011
37730.766	45371.215	29.486	30.852	26.504
1.021				
1/1/2016 3:00:00 PM	104400.000	12.351	16.182	27.822
37765.867	45414.539	29.518	30.882	26.479
1.021				
1/1/2016 3:15:00 PM	105300.000	12.417	16.182	27.970
37747.688	45393.223	29.502	30.867	26.492
1.021				
1/1/2016 3:30:00 PM	106200.000	12.394	16.184	27.918
37755.117	45399.766	29.507	30.872	26.486
1.021				
1/1/2016 3:45:00 PM	107100.000	12.403	16.184	27.939
37663.809	45290.246	29.428	30.797	26.551
1.021				
1/1/2016 4:00:00 PM	108000.000	12.378	16.183	27.884
37653.676	45278.340	29.419	30.789	26.558
1.021				
1/1/2016 4:15:00 PM	108900.000	12.306	16.181	27.721
37776.160	45428.102	29.527	30.891	26.472

1.022				
1/1/2016 4:30:00 PM	109800.000	12.353	16.180	27.827
37704.801	45343.391	29.466	30.834	26.522
1.021				
1/1/2016 4:45:00 PM	110700.000	12.374	16.176	27.874
37023.895	44528.863	28.878	30.280	27.010
1.021				
1/1/2016 5:00:00 PM	111600.000	12.306	16.176	27.721
36880.582	44356.773	28.754	30.163	27.115
1.021				
1/1/2016 5:15:00 PM	112500.000	12.282	16.176	27.666
36908.691	44390.055	28.778	30.185	27.094
1.021				
1/1/2016 5:30:00 PM	113400.000	12.263	16.175	27.624
36656.695	44088.223	28.561	29.980	27.280
1.021				
1/1/2016 5:45:00 PM	114300.000	12.221	16.176	27.529
37827.527	45495.398	29.576	30.937	26.436
1.022				
1/1/2016 6:00:00 PM	115200.000	12.256	16.175	27.607
37796.508	45458.930	29.549	30.912	26.457
1.022				
1/1/2016 6:15:00 PM	116100.000	12.170	16.172	27.413
37849.973	45526.832	29.598	30.958	26.420
1.022				
1/1/2016 6:30:00 PM	117000.000	12.171	16.172	27.417
37807.191	45474.453	29.560	30.923	26.450
1.022				
1/1/2016 6:45:00 PM	117900.000	12.096	16.170	27.248
37851.301	45529.625	29.600	30.960	26.419
1.022				
1/1/2016 7:00:00 PM	118800.000	12.166	16.170	27.406
37871.871	45555.105	29.619	30.977	26.405
1.022				
1/1/2016 7:15:00 PM	119700.000	12.086	16.169	27.226
37791.840	45459.113	29.549	30.912	26.461
1.022				
1/1/2016 7:30:00 PM	120600.000	12.087	16.168	27.227
37823.066	45497.879	29.577	30.939	26.439
1.022				
1/1/2016 7:45:00 PM	121500.000	12.106	16.167	27.270
37885.906	45574.676	29.633	30.991	26.395
1.022				
1/1/2016 8:00:00 PM	122400.000	12.057	16.165	27.159
37767.676	45434.563	29.531	30.896	26.478
1.022				
1/1/2016 8:15:00 PM	123300.000	12.001	16.168	27.034
37853.406	45534.551	29.604	30.963	26.418
1.022				
1/1/2016 8:30:00 PM	124200.000	11.991	16.167	27.010
37859.371	45543.117	29.610	30.969	26.414
1.022				
1/1/2016 8:45:00 PM	125100.000	12.003	16.166	27.039
37054.355	44575.633	28.912	30.311	26.987

1.021				
1/1/2016 9:00:00 PM	126000.000	11.978	16.165	26.981
36801.734	44272.535	28.693	30.105	27.173
1.021				
1/1/2016 9:15:00 PM	126900.000	11.967	16.162	26.958
36646.285	44088.840	28.561	29.980	27.288
1.021				
1/1/2016 9:30:00 PM	127800.000	11.924	16.161	26.859
37860.500	45551.023	29.615	30.975	26.413
1.022				
1/1/2016 9:45:00 PM	128700.000	11.937	16.162	26.889
37778.379	45451.039	29.543	30.907	26.470
1.022				
1/1/2016 10:00:00 PM	129600.000	11.944	16.165	26.904
37886.930	45577.938	29.635	30.993	26.394
1.022				
1/1/2016 10:15:00 PM	130500.000	11.929	16.168	26.872
37869.176	45554.082	29.618	30.977	26.407
1.022				
1/1/2016 10:30:00 PM	131400.000	11.891	16.172	26.785
37792.523	45457.730	29.548	30.911	26.460
1.022				
1/1/2016 10:45:00 PM	132300.000	11.905	16.178	26.817
37715.219	45358.215	29.477	30.844	26.514
1.021				
1/1/2016 11:00:00 PM	133200.000	11.860	16.184	26.715
37622.750	45240.137	29.392	30.763	26.580
1.021				
1/1/2016 11:15:00 PM	134100.000	11.977	16.189	26.979
37510.809	45100.504	29.291	30.668	26.659
1.021				
1/1/2016 11:30:00 PM	135000.000	11.941	16.190	26.899
37040.844	44534.730	28.884	30.284	26.997
1.021				
1/1/2016 11:45:00 PM	135900.000	11.971	16.193	26.966
36088.891	43386.848	28.058	29.503	27.709
1.020				
1/2/2016 12:00:00 AM	136800.000	11.888	16.196	26.779
37276.336	44811.699	29.083	30.472	26.827
1.021				
1/2/2016 12:15:00 AM	137700.000	11.953	16.196	26.924
37154.453	44664.902	28.978	30.372	26.915
1.021				
1/2/2016 12:30:00 AM	138600.000	11.909	16.173	26.827
37727.191	45377.578	29.490	30.857	26.506
1.021				
1/2/2016 12:45:00 AM	139500.000	11.971	16.171	26.966
37772.773	45434.715	29.532	30.896	26.474
1.022				
1/2/2016 1:00:00 AM	140400.000	11.963	16.174	26.949
37823.223	45492.535	29.574	30.935	26.439
1.022				
1/2/2016 1:15:00 AM	141300.000	11.981	16.170	26.989
37710.309	45360.867	29.478	30.845	26.518

1.021				
1/2/2016 1:30:00 AM	142200.000	12.025	16.164	27.088
37665.105	45312.000	29.443	30.812	26.550
1.021				
1/2/2016 1:45:00 AM	143100.000	12.025	16.162	27.087
37773.371	45444.547	29.538	30.902	26.474
1.022				
1/2/2016 2:00:00 AM	144000.000	12.043	16.163	27.129
37694.074	45348.309	29.469	30.837	26.529
1.021				
1/2/2016 2:15:00 AM	144900.000	12.053	16.160	27.150
37687.949	45343.707	29.465	30.834	26.534
1.021				
1/2/2016 2:30:00 AM	145800.000	12.029	16.162	27.096
37013.328	44530.148	28.879	30.281	27.017
1.021				
1/2/2016 2:45:00 AM	146700.000	12.055	16.159	27.155
36671.672	44121.887	28.585	30.003	27.269
1.021				
1/2/2016 3:00:00 AM	147600.000	12.038	16.157	27.118
36398.785	43796.133	28.350	29.781	27.473
1.021				
1/2/2016 3:15:00 AM	148500.000	12.111	16.158	27.281
36610.953	44050.160	28.533	29.954	27.314
1.021				
1/2/2016 3:30:00 AM	149400.000	12.096	16.156	27.247
37742.227	45413.605	29.515	30.881	26.496
1.022				
1/2/2016 3:45:00 AM	150300.000	12.100	16.154	27.257
37747.254	45421.781	29.521	30.887	26.492
1.022				
1/2/2016 4:00:00 AM	151200.000	12.101	16.154	27.259
37796.180	45480.469	29.564	30.927	26.458
1.022				
1/2/2016 4:15:00 AM	152100.000	12.168	16.152	27.410
37742.098	45417.039	29.518	30.884	26.496
1.022				
1/2/2016 4:30:00 AM	153000.000	12.122	16.156	27.306
37777.719	45456.414	29.546	30.910	26.471
1.022				
1/2/2016 4:45:00 AM	153900.000	12.128	16.153	27.320
37785.133	45468.000	29.555	30.918	26.465
1.022				
1/2/2016 5:00:00 AM	154800.000	12.136	16.156	27.338
37790.004	45471.285	29.557	30.920	26.462
1.022				
1/2/2016 5:15:00 AM	155700.000	12.148	16.155	27.366
37719.395	45387.332	29.496	30.863	26.512
1.021				
1/2/2016 5:30:00 AM	156600.000	12.151	16.150	27.371
37830.746	45525.758	29.596	30.958	26.434
1.022				
1/2/2016 5:45:00 AM	157500.000	12.156	16.151	27.382
37746.566	45424.074	29.523	30.888	26.492

1.022				
1/2/2016 6:00:00 AM	158400.000	12.161	16.150	27.395
37764.176	45446.191	29.539	30.903	26.480
1.022				
1/2/2016 6:15:00 AM	159300.000	12.289	16.156	27.681
37674.875	45332.020	29.457	30.826	26.543
1.021				
1/2/2016 6:30:00 AM	160200.000	12.473	16.159	28.096
37655.684	45306.348	29.438	30.808	26.556
1.021				
1/2/2016 6:45:00 AM	161100.000	12.510	16.153	28.180
37614.605	45262.617	29.406	30.779	26.585
1.021				
1/2/2016 7:00:00 AM	162000.000	12.493	16.152	28.143
37687.969	45352.008	29.471	30.839	26.534
1.021				
1/2/2016 7:15:00 AM	162900.000	12.518	16.151	28.198
37724.789	45397.965	29.504	30.871	26.508
1.021				
1/2/2016 7:30:00 AM	163800.000	12.521	16.148	28.205
37770.914	45456.605	29.546	30.910	26.475
1.022				
1/2/2016 7:45:00 AM	164700.000	12.533	16.148	28.233
37680.047	45347.070	29.467	30.836	26.539
1.021				
1/2/2016 8:00:00 AM	165600.000	12.542	16.146	28.252
37747.598	45430.113	29.527	30.892	26.492
1.022				
1/2/2016 8:15:00 AM	166500.000	12.603	16.145	28.389
37714.344	45391.832	29.499	30.866	26.515
1.021				
1/2/2016 8:30:00 AM	167400.000	12.584	16.145	28.346
37713.457	45390.590	29.498	30.866	26.516
1.021				
1/2/2016 8:45:00 AM	168300.000	12.565	16.143	28.303
37722.563	45402.926	29.507	30.874	26.509
1.021				
1/2/2016 9:00:00 AM	169200.000	12.591	16.141	28.362
37757.852	45447.617	29.539	30.904	26.485
1.022				
1/2/2016 9:15:00 AM	170100.000	12.635	16.141	28.461
37733.477	45418.281	29.518	30.884	26.502
1.022				
1/2/2016 9:30:00 AM	171000.000	12.630	16.141	28.451
37713.270	45394.410	29.501	30.868	26.516
1.021				
1/2/2016 9:45:00 AM	171900.000	12.688	16.137	28.580
37760.707	45455.848	29.545	30.910	26.483
1.022				
1/2/2016 10:00:00 AM	172800.000	12.677	16.135	28.555
37706.082	45391.930	29.498	30.867	26.521
1.021				
1/2/2016 10:15:00 AM	173700.000	12.751	16.135	28.723
37699.340	45383.727	29.493	30.861	26.526

1.021				
1/2/2016 10:30:00 AM	174600.000	12.787	16.133	28.803
37684.688	45367.926	29.481	30.850	26.536
1.021				
1/2/2016 10:45:00 AM	175500.000	12.821	16.133	28.881
37710.723	45399.723	29.504	30.872	26.518
1.021				
1/2/2016 11:00:00 AM	176400.000	12.848	16.136	28.942
37744.996	45438.219	29.532	30.898	26.494
1.022				
1/2/2016 11:15:00 AM	177300.000	12.807	16.141	28.849
37666.625	45337.715	29.460	30.830	26.549
1.021				
1/2/2016 11:30:00 AM	178200.000	12.877	16.140	29.007
37682.695	45358.254	29.474	30.844	26.537
1.021				
1/2/2016 11:45:00 AM	179100.000	12.853	16.137	28.953
37691.348	45371.707	29.484	30.853	26.531
1.021				
1/2/2016 12:00:00 PM	180000.000	12.853	16.137	28.953
37737.953	45428.273	29.525	30.891	26.499
1.022				
1/2/2016 12:15:00 PM	180900.000	12.839	16.134	28.921
37752.469	45449.152	29.540	30.905	26.488
1.022				
1/2/2016 12:30:00 PM	181800.000	12.902	16.130	29.064
37728.434	45424.270	29.522	30.889	26.505
1.022				
1/2/2016 12:45:00 PM	182700.000	12.879	16.136	29.012
37737.660	45428.750	29.525	30.892	26.499
1.022				
1/2/2016 1:00:00 PM	183600.000	12.773	16.133	28.773
37760.156	45458.598	29.547	30.912	26.483
1.022				
1/2/2016 1:15:00 PM	184500.000	12.723	16.131	28.659
37739.523	45436.613	29.531	30.897	26.497
1.022				
1/2/2016 1:30:00 PM	185400.000	12.650	16.127	28.496
37826.348	45544.652	29.608	30.970	26.437
1.022				
1/2/2016 1:45:00 PM	186300.000	12.622	16.125	28.432
37802.684	45518.652	29.589	30.953	26.453
1.022				
1/2/2016 2:00:00 PM	187200.000	12.588	16.124	28.355
37737.984	45442.219	29.534	30.901	26.499
1.022				
1/2/2016 2:15:00 PM	188100.000	12.578	16.123	28.333
37771.621	45483.281	29.564	30.929	26.475
1.022				
1/2/2016 2:30:00 PM	189000.000	12.494	16.121	28.143
37728.949	45434.293	29.528	30.895	26.505
1.022				
1/2/2016 2:45:00 PM	189900.000	12.547	16.123	28.263
37774.215	45486.215	29.566	30.931	26.473

1.022				
1/2/2016 3:00:00 PM	190800.000	12.470	16.121	28.090
37748.633	45458.098	29.545	30.912	26.491
1.022				
1/2/2016 3:15:00 PM	191700.000	12.486	16.120	28.126
37143.848	44730.965	29.021	30.417	26.922
1.021				
1/2/2016 3:30:00 PM	192600.000	12.530	16.120	28.225
36693.617	44188.496	28.630	30.048	27.253
1.021				
1/2/2016 3:45:00 PM	193500.000	12.467	16.119	28.084
36871.641	44403.617	28.785	30.194	27.121
1.021				
1/2/2016 4:00:00 PM	194400.000	12.447	16.116	28.037
37023.258	44588.918	28.918	30.320	27.010
1.021				
1/2/2016 4:15:00 PM	195300.000	12.458	16.119	28.062
37128.395	44713.086	29.008	30.405	26.934
1.021				
1/2/2016 4:30:00 PM	196200.000	12.462	16.119	28.072
36337.004	43760.203	28.322	29.757	27.520
1.021				
1/2/2016 4:45:00 PM	197100.000	12.440	16.119	28.022
37785.773	45504.668	29.579	30.943	26.465
1.022				
1/2/2016 5:00:00 PM	198000.000	12.489	16.113	28.133
37848.148	45586.250	29.638	30.999	26.421
1.022				
1/2/2016 5:15:00 PM	198900.000	12.434	16.116	28.009
37744.949	45458.910	29.546	30.912	26.494
1.022				
1/2/2016 5:30:00 PM	199800.000	12.387	16.114	27.903
37761.465	45480.285	29.561	30.927	26.482
1.022				
1/2/2016 5:45:00 PM	200700.000	12.409	16.114	27.953
37796.918	45523.625	29.592	30.956	26.457
1.022				
1/2/2016 6:00:00 PM	201600.000	12.371	16.114	27.867
37723.922	45434.977	29.528	30.896	26.508
1.022				
1/2/2016 6:15:00 PM	202500.000	12.350	16.112	27.819
37784.656	45511.070	29.583	30.948	26.466
1.022				
1/2/2016 6:30:00 PM	203400.000	12.324	16.111	27.760
37796.129	45525.641	29.594	30.957	26.458
1.022				
1/2/2016 6:45:00 PM	204300.000	12.346	16.113	27.812
37732.109	45446.117	29.536	30.903	26.503
1.022				
1/2/2016 7:00:00 PM	205200.000	12.352	16.109	27.824
37775.438	45502.742	29.577	30.942	26.472
1.022				
1/2/2016 7:15:00 PM	206100.000	12.307	16.109	27.722
37776.664	45504.398	29.578	30.943	26.471

1.022				
1/2/2016 7:30:00 PM	207000.000	12.261	16.108	27.619
37785.480	45515.859	29.586	30.951	26.465
1.022				
1/2/2016 7:45:00 PM	207900.000	12.276	16.106	27.654
37721.703	45441.242	29.532	30.900	26.510
1.022				
1/2/2016 8:00:00 PM	208800.000	12.304	16.107	27.715
37686.453	45397.305	29.501	30.870	26.535
1.021				
1/2/2016 8:15:00 PM	209700.000	12.275	16.104	27.650
37753.133	45480.484	29.561	30.927	26.488
1.022				
1/2/2016 8:30:00 PM	210600.000	12.195	16.105	27.470
36982.023	44551.371	28.890	30.295	27.040
1.021				
1/2/2016 8:45:00 PM	211500.000	12.157	16.102	27.384
36758.629	44285.395	28.699	30.114	27.204
1.021				
1/2/2016 9:00:00 PM	212400.000	12.267	16.104	27.632
36361.992	43805.051	28.354	29.787	27.501
1.021				
1/2/2016 9:15:00 PM	213300.000	12.161	16.123	27.394
37653.672	45341.340	29.461	30.832	26.558
1.021				
1/2/2016 9:30:00 PM	214200.000	12.175	16.124	27.426
37739.695	45444.016	29.535	30.902	26.497
1.022				
1/2/2016 9:45:00 PM	215100.000	12.140	16.119	27.347
37742.113	45452.176	29.541	30.907	26.496
1.022				
1/2/2016 10:00:00 PM	216000.000	12.128	16.121	27.320
37805.289	45526.133	29.595	30.958	26.451
1.022				
1/2/2016 10:15:00 PM	216900.000	12.134	16.113	27.334
37729.117	45442.148	29.533	30.901	26.505
1.022				
1/2/2016 10:30:00 PM	217800.000	12.126	16.106	27.316
37764.363	45492.449	29.569	30.935	26.480
1.022				
1/2/2016 10:45:00 PM	218700.000	12.100	16.106	27.256
37765.152	45492.934	29.570	30.935	26.479
1.022				
1/2/2016 11:00:00 PM	219600.000	12.058	16.104	27.161
37750.820	45477.891	29.559	30.925	26.489
1.022				
1/2/2016 11:15:00 PM	220500.000	12.057	16.103	27.160
37694.641	45411.867	29.511	30.880	26.529
1.022				
1/2/2016 11:30:00 PM	221400.000	12.065	16.103	27.177
37767.773	45499.520	29.574	30.940	26.478
1.022				
1/2/2016 11:45:00 PM	222300.000	12.037	16.102	27.113
37653.879	45363.598	29.476	30.847	26.558

1.021				
1/3/2016 12:00:00 AM	223200.000	12.097	16.104	27.250
37073.688	44662.793	28.971	30.371	26.973
1.021				
1/3/2016 12:15:00 AM	224100.000	12.089	16.098	27.233
36671.348	44184.199	28.626	30.045	27.269
1.021				
1/3/2016 12:30:00 AM	225000.000	12.128	16.097	27.320
37781.852	45523.223	29.591	30.956	26.468
1.022				
1/3/2016 12:45:00 AM	225900.000	12.104	16.097	27.265
37718.281	45446.711	29.536	30.904	26.512
1.022				
1/3/2016 1:00:00 AM	226800.000	12.040	16.095	27.120
37782.754	45526.527	29.593	30.958	26.467
1.022				
1/3/2016 1:15:00 AM	227700.000	12.081	16.095	27.214
37749.277	45485.820	29.564	30.930	26.491
1.022				
1/3/2016 1:30:00 AM	228600.000	12.067	16.095	27.183
37730.406	45463.266	29.548	30.915	26.504
1.022				
1/3/2016 1:45:00 AM	229500.000	12.080	16.102	27.211
37732.711	45458.102	29.544	30.912	26.502
1.022				
1/3/2016 2:00:00 AM	230400.000	12.114	16.102	27.289
37801.688	45541.199	29.604	30.968	26.454
1.022				
1/3/2016 2:15:00 AM	231300.000	12.143	16.100	27.353
37673.613	45389.773	29.495	30.865	26.544
1.021				
1/3/2016 2:30:00 AM	232200.000	12.130	16.101	27.324
37706.402	45427.609	29.522	30.891	26.521
1.022				
1/3/2016 2:45:00 AM	233100.000	12.134	16.099	27.333
37703.676	45426.727	29.521	30.890	26.523
1.022				
1/3/2016 3:00:00 AM	234000.000	12.220	16.097	27.526
37689.328	45411.289	29.510	30.880	26.533
1.022				
1/3/2016 3:15:00 AM	234900.000	12.200	16.099	27.482
37586.848	45285.410	29.419	30.794	26.605
1.021				
1/3/2016 3:30:00 AM	235800.000	12.221	16.098	27.530
36692.246	44208.742	28.643	30.062	27.254
1.021				
1/3/2016 3:45:00 AM	236700.000	12.254	16.096	27.603
36637.527	44145.051	28.597	30.019	27.294
1.021				
1/3/2016 4:00:00 AM	237600.000	12.233	16.094	27.557
36966.199	44542.793	28.884	30.289	27.052
1.021				
1/3/2016 4:15:00 AM	238500.000	12.287	16.097	27.677
36658.457	44169.293	28.615	30.035	27.279

1.021				
1/3/2016 4:30:00 AM	239400.000	12.244	16.096	27.581
37772.813	45513.246	29.584	30.949	26.474
1.022				
1/3/2016 4:45:00 AM	240300.000	12.272	16.096	27.645
37810.859	45558.910	29.617	30.980	26.447
1.022				
1/3/2016 5:00:00 AM	241200.000	12.314	16.097	27.739
37755.773	45491.801	29.568	30.934	26.486
1.022				
1/3/2016 5:15:00 AM	242100.000	12.314	16.095	27.739
37722.438	45453.207	29.540	30.908	26.509
1.022				
1/3/2016 5:30:00 AM	243000.000	12.332	16.095	27.780
37755.434	45493.609	29.569	30.936	26.486
1.022				
1/3/2016 5:45:00 AM	243900.000	12.315	16.096	27.741
37742.715	45477.082	29.558	30.924	26.495
1.022				
1/3/2016 6:00:00 AM	244800.000	12.364	16.091	27.851
37727.824	45464.027	29.548	30.916	26.506
1.022				
1/3/2016 6:15:00 AM	245700.000	12.407	16.093	27.948
37655.418	45374.750	29.483	30.855	26.557
1.021				
1/3/2016 6:30:00 AM	246600.000	12.358	16.093	27.838
37710.266	45440.938	29.531	30.900	26.518
1.022				
1/3/2016 6:45:00 AM	247500.000	12.372	16.088	27.869
37716.410	45452.953	29.540	30.908	26.514
1.022				
1/3/2016 7:00:00 AM	248400.000	12.339	16.086	27.794
37735.777	45479.258	29.559	30.926	26.500
1.022				
1/3/2016 7:15:00 AM	249300.000	12.365	16.087	27.853
37719.352	45458.352	29.543	30.912	26.512
1.022				
1/3/2016 7:30:00 AM	250200.000	12.628	16.084	28.445
37725.074	45467.641	29.550	30.918	26.508
1.022				
1/3/2016 7:45:00 AM	251100.000	12.724	16.087	28.662
37760.223	45506.961	29.579	30.945	26.483
1.022				
1/3/2016 8:00:00 AM	252000.000	12.753	16.085	28.728
37739.992	45484.598	29.562	30.930	26.497
1.022				
1/3/2016 8:15:00 AM	252900.000	12.733	16.082	28.682
37789.699	45548.586	29.608	30.973	26.462
1.022				
1/3/2016 8:30:00 AM	253800.000	12.709	16.080	28.629
37717.863	45463.102	29.547	30.915	26.513
1.022				
1/3/2016 8:45:00 AM	254700.000	12.711	16.078	28.632
37697.246	45440.570	29.530	30.900	26.527

1.022				
1/3/2016 9:00:00 AM	255600.000	12.745	16.078	28.709
37721.426	45469.715	29.551	30.919	26.510
1.022				
1/3/2016 9:15:00 AM	256500.000	12.733	16.076	28.681
37699.027	45445.301	29.533	30.903	26.526
1.022				
1/3/2016 9:30:00 AM	257400.000	12.773	16.077	28.772
37651.504	45386.441	29.491	30.863	26.559
1.021				
1/3/2016 9:45:00 AM	258300.000	12.811	16.076	28.858
37678.563	45420.352	29.515	30.886	26.540
1.022				
1/3/2016 10:00:00 AM	259200.000	12.866	16.076	28.983
37604.156	45330.477	29.450	30.825	26.593
1.021				
1/3/2016 10:15:00 AM	260100.000	12.887	16.079	29.029
37147.059	44776.367	29.051	30.448	26.920
1.021				
1/3/2016 10:30:00 AM	261000.000	12.917	16.076	29.096
37722.965	45473.973	29.554	30.922	26.509
1.022				
1/3/2016 10:45:00 AM	261900.000	12.927	16.073	29.119
37006.484	44613.535	28.933	30.337	27.022
1.021				
1/3/2016 11:00:00 AM	262800.000	12.988	16.071	29.257
36884.492	44468.359	28.829	30.238	27.112
1.021				
1/3/2016 11:15:00 AM	263700.000	12.932	16.073	29.130
37688.129	45435.195	29.526	30.896	26.534
1.022				
1/3/2016 11:30:00 AM	264600.000	12.978	16.072	29.234
37729.684	45486.230	29.563	30.931	26.504
1.022				
1/3/2016 11:45:00 AM	265500.000	12.959	16.072	29.191
37714.180	45467.898	29.549	30.918	26.515
1.022				
1/3/2016 12:00:00 PM	266400.000	12.941	16.068	29.151
37787.512	45560.387	29.616	30.981	26.464
1.022				
1/3/2016 12:15:00 PM	267300.000	13.019	16.070	29.326
37775.855	45544.293	29.605	30.970	26.472
1.022				
1/3/2016 12:30:00 PM	268200.000	13.000	16.067	29.284
37815.176	45594.477	29.641	31.004	26.444
1.022				
1/3/2016 12:45:00 PM	269100.000	13.012	16.068	29.312
37809.105	45586.605	29.635	30.999	26.449
1.022				
1/3/2016 1:00:00 PM	270000.000	12.898	16.065	29.053
37813.195	45593.762	29.640	31.004	26.446
1.022				
1/3/2016 1:15:00 PM	270900.000	12.833	16.063	28.909
37783.453	45560.395	29.616	30.981	26.467

1.022				
1/3/2016 1:30:00 PM	271800.000	12.756	16.070	28.734
37754.379	45517.574	29.585	30.952	26.487
1.022				
1/3/2016 1:45:00 PM	272700.000	12.753	16.065	28.727
37766.668	45538.582	29.600	30.966	26.478
1.022				
1/3/2016 2:00:00 PM	273600.000	12.713	16.061	28.637
37801.555	45584.910	29.633	30.998	26.454
1.022				
1/3/2016 2:15:00 PM	274500.000	12.649	16.059	28.493
37809.473	45596.211	29.641	31.005	26.448
1.022				
1/3/2016 2:30:00 PM	275400.000	12.622	16.052	28.433
37812.516	45606.938	29.649	31.013	26.446
1.022				
1/3/2016 2:45:00 PM	276300.000	12.591	16.059	28.363
37816.297	45604.547	29.647	31.011	26.444
1.022				
1/3/2016 3:00:00 PM	277200.000	12.584	16.055	28.346
37834.168	45629.805	29.665	31.028	26.431
1.022				
1/3/2016 3:15:00 PM	278100.000	12.521	16.055	28.204
37227.664	44898.883	29.138	30.531	26.862
1.021				
1/3/2016 3:30:00 PM	279000.000	12.576	16.054	28.329
36836.059	44427.215	28.798	30.211	27.147
1.021				
1/3/2016 3:45:00 PM	279900.000	12.583	16.054	28.344
37873.598	45678.480	29.701	31.061	26.404
1.022				
1/3/2016 4:00:00 PM	280800.000	12.512	16.053	28.185
37797.262	45587.891	29.635	31.000	26.457
1.022				
1/3/2016 4:15:00 PM	281700.000	12.512	16.054	28.185
37797.508	45587.168	29.635	30.999	26.457
1.022				
1/3/2016 4:30:00 PM	282600.000	12.575	16.054	28.327
37810.590	45602.668	29.646	31.010	26.448
1.022				
1/3/2016 4:45:00 PM	283500.000	12.562	16.053	28.297
37826.723	45622.781	29.660	31.023	26.436
1.022				
1/3/2016 5:00:00 PM	284400.000	12.574	16.052	28.324
37815.609	45611.035	29.652	31.016	26.444
1.022				
1/3/2016 5:15:00 PM	285300.000	12.555	16.050	28.281
37804.566	45599.113	29.643	31.007	26.452
1.022				
1/3/2016 5:30:00 PM	286200.000	12.558	16.048	28.288
37858.449	45666.598	29.692	31.053	26.414
1.022				
1/3/2016 5:45:00 PM	287100.000	12.500	16.048	28.157
37847.289	45653.516	29.682	31.044	26.422

1.022				
1/3/2016 6:00:00 PM	288000.000	12.581	16.048	28.341
37829.133	45631.527	29.666	31.029	26.435
1.022				
1/3/2016 6:15:00 PM	288900.000	12.551	16.048	28.272
37834.176	45637.695	29.671	31.034	26.431
1.022				
1/3/2016 6:30:00 PM	289800.000	12.572	16.045	28.320
37841.285	45648.883	29.679	31.041	26.426
1.022				
1/3/2016 6:45:00 PM	290700.000	12.550	16.047	28.269
37821.176	45622.754	29.660	31.023	26.440
1.022				
1/3/2016 7:00:00 PM	291600.000	12.508	16.047	28.175
37816.863	45618.008	29.656	31.020	26.443
1.022				
1/3/2016 7:15:00 PM	292500.000	12.598	16.048	28.378
37790.016	45584.523	29.632	30.997	26.462
1.022				
1/3/2016 7:30:00 PM	293400.000	12.569	16.046	28.312
37797.852	45596.016	29.640	31.005	26.457
1.022				
1/3/2016 7:45:00 PM	294300.000	12.526	16.041	28.216
37635.418	45404.594	29.502	30.875	26.571
1.022				
1/3/2016 8:00:00 PM	295200.000	12.525	16.042	28.213
37140.156	44806.371	29.070	30.468	26.925
1.021				
1/3/2016 8:15:00 PM	296100.000	12.537	16.044	28.240
36866.289	44474.441	28.831	30.243	27.125
1.021				
1/3/2016 8:30:00 PM	297000.000	12.497	16.044	28.151
36902.547	44517.906	28.863	30.272	27.098
1.021				
1/3/2016 8:45:00 PM	297900.000	12.502	16.049	28.162
37837.980	45641.074	29.673	31.036	26.428
1.022				
1/3/2016 9:00:00 PM	298800.000	12.484	16.049	28.123
37796.539	45591.184	29.637	31.002	26.457
1.022				
1/3/2016 9:15:00 PM	299700.000	12.510	16.046	28.180
37859.121	45669.465	29.694	31.055	26.414
1.022				
1/3/2016 9:30:00 PM	300600.000	12.498	16.044	28.154
37847.773	45657.902	29.685	31.047	26.422
1.022				
1/3/2016 9:45:00 PM	301500.000	12.459	16.046	28.065
37813.313	45614.750	29.654	31.018	26.446
1.022				
1/3/2016 10:00:00 PM	302400.000	12.394	16.044	27.918
37800.598	45601.082	29.644	31.009	26.455
1.022				
1/3/2016 10:15:00 PM	303300.000	12.435	16.045	28.010
37832.992	45638.684	29.671	31.034	26.432

1.022				
1/3/2016 10:30:00 PM	304200.000	12.390	16.042	27.910
37794.367	45595.336	29.640	31.005	26.459
1.022				
1/3/2016 10:45:00 PM	305100.000	12.417	16.041	27.971
37810.020	45615.973	29.655	31.019	26.448
1.022				
1/3/2016 11:00:00 PM	306000.000	12.392	16.043	27.915
37742.551	45532.551	29.594	30.962	26.495
1.022				
1/3/2016 11:15:00 PM	306900.000	12.392	16.040	27.914
37816.160	45623.574	29.660	31.024	26.444
1.022				
1/3/2016 11:30:00 PM	307800.000	12.349	16.040	27.817
37766.082	45563.527	29.617	30.983	26.479
1.022				
1/3/2016 11:45:00 PM	308700.000	12.338	16.042	27.793
37729.410	45517.156	29.583	30.952	26.505
1.022				
1/4/2016 12:00:00 AM	309600.000	12.305	16.038	27.718
37773.492	45575.055	29.625	30.991	26.474
1.022				
1/4/2016 12:15:00 AM	310500.000	12.342	16.038	27.802
37707.309	45494.941	29.567	30.937	26.520
1.022				
1/4/2016 12:30:00 AM	311400.000	12.301	16.036	27.708
36897.188	44519.484	28.863	30.273	27.102
1.021				
1/4/2016 12:45:00 AM	312300.000	12.285	16.037	27.673
37008.414	44653.055	28.960	30.364	27.021
1.021				
1/4/2016 1:00:00 AM	313200.000	12.301	16.058	27.709
37596.383	45340.531	29.457	30.832	26.598
1.021				
1/4/2016 1:15:00 AM	314100.000	12.353	16.054	27.827
37595.656	45343.262	29.458	30.833	26.599
1.021				
1/4/2016 1:30:00 AM	315000.000	12.300	16.046	27.707
37709.023	45488.121	29.562	30.932	26.519
1.022				
1/4/2016 1:45:00 AM	315900.000	12.307	16.047	27.722
37640.461	45405.137	29.503	30.875	26.567
1.022				
1/4/2016 2:00:00 AM	316800.000	12.340	16.045	27.798
37674.172	45447.551	29.533	30.904	26.543
1.022				
1/4/2016 2:15:00 AM	317700.000	12.350	16.046	27.819
37620.836	45382.199	29.486	30.860	26.581
1.022				
1/4/2016 2:30:00 AM	318600.000	12.369	16.047	27.862
37625.379	45386.117	29.489	30.863	26.578
1.022				
1/4/2016 2:45:00 AM	319500.000	12.344	16.040	27.807
37749.055	45542.617	29.601	30.969	26.491

1.022				
1/4/2016 3:00:00 AM	320400.000	12.427	16.039	27.993
37650.570	45424.996	29.516	30.889	26.560
1.022				
1/4/2016 3:15:00 AM	321300.000	12.405	16.041	27.944
37744.156	45536.059	29.597	30.965	26.494
1.022				
1/4/2016 3:30:00 AM	322200.000	12.486	16.036	28.126
37702.645	45491.527	29.564	30.934	26.523
1.022				
1/4/2016 3:45:00 AM	323100.000	12.438	16.033	28.018
37732.203	45529.691	29.592	30.960	26.503
1.022				
1/4/2016 4:00:00 AM	324000.000	12.503	16.033	28.165
37697.000	45487.859	29.561	30.932	26.527
1.022				
1/4/2016 4:15:00 AM	324900.000	12.449	16.033	28.042
37750.605	45552.633	29.608	30.976	26.490
1.022				
1/4/2016 4:30:00 AM	325800.000	12.535	16.034	28.237
37659.930	45442.023	29.528	30.901	26.553
1.022				
1/4/2016 4:45:00 AM	326700.000	12.603	16.034	28.388
37665.453	45448.777	29.533	30.905	26.550
1.022				
1/4/2016 5:00:00 AM	327600.000	12.609	16.034	28.404
37209.914	44898.734	29.136	30.531	26.875
1.021				
1/4/2016 5:15:00 AM	328500.000	12.593	16.033	28.367
36838.676	44451.871	28.814	30.227	27.145
1.021				
1/4/2016 5:30:00 AM	329400.000	12.564	16.033	28.301
37086.133	44750.297	29.029	30.430	26.964
1.021				
1/4/2016 5:45:00 AM	330300.000	12.657	16.028	28.510
36781.652	44388.121	28.768	30.184	27.187
1.021				
1/4/2016 6:00:00 AM	331200.000	12.619	16.038	28.426
37681.426	45463.887	29.544	30.915	26.538
1.022				
1/4/2016 6:15:00 AM	332100.000	12.664	16.033	28.526
37723.320	45519.793	29.585	30.953	26.509
1.022				
1/4/2016 6:30:00 AM	333000.000	12.676	16.031	28.555
37743.113	45545.074	29.603	30.971	26.495
1.022				
1/4/2016 6:45:00 AM	333900.000	12.671	16.028	28.542
37797.039	45613.957	29.652	31.017	26.457
1.022				
1/4/2016 7:00:00 AM	334800.000	12.669	16.027	28.537
37779.902	45593.730	29.638	31.004	26.469
1.022				
1/4/2016 7:15:00 AM	335700.000	12.639	16.028	28.471
37772.820	45584.262	29.631	30.997	26.474

1.022				
1/4/2016 7:30:00 AM	336600.000	12.593	16.026	28.368
37862.863	45694.695	29.711	31.072	26.411
1.022				
1/4/2016 7:45:00 AM	337500.000	12.611	16.026	28.408
37811.988	45633.473	29.666	31.031	26.447
1.022				
1/4/2016 8:00:00 AM	338400.000	12.838	16.024	28.919
37775.289	45591.508	29.636	31.002	26.472
1.022				
1/4/2016 8:15:00 AM	339300.000	13.005	16.024	29.294
37785.297	45603.410	29.644	31.010	26.465
1.022				
1/4/2016 8:30:00 AM	340200.000	13.068	16.021	29.437
37841.477	45674.645	29.696	31.059	26.426
1.022				
1/4/2016 8:45:00 AM	341100.000	13.070	16.024	29.442
37801.449	45622.992	29.659	31.024	26.454
1.022				
1/4/2016 9:00:00 AM	342000.000	13.137	16.019	29.593
37834.316	45667.859	29.691	31.054	26.431
1.022				
1/4/2016 9:15:00 AM	342900.000	13.203	16.017	29.741
37870.344	45714.133	29.724	31.086	26.406
1.022				
1/4/2016 9:30:00 AM	343800.000	13.233	16.013	29.808
37847.422	45690.281	29.706	31.069	26.422
1.022				
1/4/2016 9:45:00 AM	344700.000	13.259	16.010	29.867
37869.438	45720.117	29.728	31.090	26.407
1.022				
1/4/2016 10:00:00 AM	345600.000	13.196	16.010	29.726
37884.000	45737.145	29.740	31.101	26.396
1.022				
1/4/2016 10:15:00 AM	346500.000	13.218	16.007	29.776
37874.535	45728.977	29.734	31.096	26.403
1.022				
1/4/2016 10:30:00 AM	347400.000	13.207	16.008	29.751
37896.281	45754.758	29.753	31.113	26.388
1.022				
1/4/2016 10:45:00 AM	348300.000	13.133	16.004	29.584
37895.047	45757.742	29.755	31.115	26.389
1.022				
1/4/2016 11:00:00 AM	349200.000	13.175	16.001	29.679
37879.637	45741.559	29.743	31.104	26.399
1.022				
1/4/2016 11:15:00 AM	350100.000	13.159	15.999	29.642
37932.160	45807.223	29.790	31.149	26.363
1.022				
1/4/2016 11:30:00 AM	351000.000	13.163	15.999	29.651
37931.051	45805.504	29.789	31.148	26.364
1.022				
1/4/2016 11:45:00 AM	351900.000	13.063	15.999	29.426
37911.414	45782.172	29.772	31.132	26.377

1.022				
1/4/2016 12:00:00 PM	352800.000	13.112	16.000	29.535
37966.191	45847.285	29.819	31.176	26.339
1.022				
1/4/2016 12:15:00 PM	353700.000	13.081	15.999	29.466
37939.957	45817.188	29.797	31.156	26.357
1.022				
1/4/2016 12:30:00 PM	354600.000	13.011	15.996	29.308
37895.516	45766.223	29.760	31.121	26.388
1.022				
1/4/2016 12:45:00 PM	355500.000	13.007	15.996	29.299
37946.559	45828.152	29.805	31.163	26.353
1.022				
1/4/2016 1:00:00 PM	356400.000	12.928	15.992	29.121
37998.875	45895.441	29.853	31.209	26.317
1.022				
1/4/2016 1:15:00 PM	357300.000	12.944	15.991	29.157
37932.066	45815.777	29.796	31.155	26.363
1.022				
1/4/2016 1:30:00 PM	358200.000	12.862	15.989	28.972
37982.586	45879.031	29.841	31.198	26.328
1.022				
1/4/2016 1:45:00 PM	359100.000	12.830	15.996	28.901
37910.246	45783.645	29.773	31.133	26.378
1.022				
1/4/2016 2:00:00 PM	360000.000	12.798	15.995	28.830
37918.664	45795.672	29.782	31.141	26.372
1.022				
1/4/2016 2:15:00 PM	360900.000	12.833	15.995	28.907
37921.137	45798.559	29.784	31.143	26.371
1.022				
1/4/2016 2:30:00 PM	361800.000	12.775	15.999	28.776
37846.852	45704.379	29.716	31.079	26.422
1.022				
1/4/2016 2:45:00 PM	362700.000	12.783	15.996	28.795
37919.078	45794.594	29.781	31.140	26.372
1.022				
1/4/2016 3:00:00 PM	363600.000	12.709	15.994	28.629
37909.078	45784.836	29.774	31.134	26.379
1.022				
1/4/2016 3:15:00 PM	364500.000	12.697	15.987	28.602
37963.090	45857.355	29.826	31.183	26.341
1.022				
1/4/2016 3:30:00 PM	365400.000	12.763	15.990	28.751
37869.184	45741.031	29.742	31.104	26.407
1.022				
1/4/2016 3:45:00 PM	366300.000	12.790	15.990	28.812
37870.805	45742.992	29.743	31.105	26.406
1.022				
1/4/2016 4:00:00 PM	367200.000	12.751	15.989	28.723
37832.117	45697.281	29.710	31.074	26.433
1.022				
1/4/2016 4:15:00 PM	368100.000	12.695	15.985	28.597
37888.219	45769.145	29.762	31.123	26.393

1.022				
1/4/2016 4:30:00 PM	369000.000	12.782	15.987	28.793
37404.805	45182.520	29.338	30.724	26.735
1.021				
1/4/2016 4:45:00 PM	369900.000	12.796	15.986	28.824
37256.457	45004.605	29.210	30.603	26.841
1.021				
1/4/2016 5:00:00 PM	370800.000	12.760	15.988	28.744
37868.266	45741.324	29.742	31.104	26.407
1.022				
1/4/2016 5:15:00 PM	371700.000	12.763	15.987	28.749
37865.770	45739.992	29.741	31.103	26.409
1.022				
1/4/2016 5:30:00 PM	372600.000	12.810	15.985	28.855
37955.816	45850.805	29.821	31.179	26.346
1.022				
1/4/2016 5:45:00 PM	373500.000	12.825	15.985	28.890
37912.543	45797.895	29.783	31.143	26.376
1.022				
1/4/2016 6:00:00 PM	374400.000	12.805	15.984	28.844
37939.098	45831.457	29.807	31.165	26.358
1.022				
1/4/2016 6:15:00 PM	375300.000	12.781	15.984	28.790
37940.465	45833.664	29.808	31.167	26.357
1.022				
1/4/2016 6:30:00 PM	376200.000	12.820	15.985	28.877
37918.418	45805.820	29.788	31.148	26.372
1.022				
1/4/2016 6:45:00 PM	377100.000	12.915	15.981	29.093
37920.059	45811.715	29.792	31.152	26.371
1.022				
1/4/2016 7:00:00 PM	378000.000	12.862	15.984	28.972
37862.066	45738.957	29.740	31.102	26.412
1.022				
1/4/2016 7:15:00 PM	378900.000	12.874	15.981	28.999
37906.207	45795.078	29.780	31.141	26.381
1.022				
1/4/2016 7:30:00 PM	379800.000	12.858	15.976	28.963
37917.027	45813.289	29.793	31.153	26.373
1.022				
1/4/2016 7:45:00 PM	380700.000	12.883	15.976	29.019
37921.527	45818.352	29.797	31.156	26.370
1.022				
1/4/2016 8:00:00 PM	381600.000	12.900	15.974	29.059
37933.086	45834.363	29.808	31.167	26.362
1.022				
1/4/2016 8:15:00 PM	382500.000	12.948	15.976	29.167
37900.574	45793.785	29.779	31.140	26.385
1.022				
1/4/2016 8:30:00 PM	383400.000	12.876	15.972	29.005
37920.215	45821.145	29.799	31.158	26.371
1.022				
1/4/2016 8:45:00 PM	384300.000	12.939	15.973	29.146
37913.648	45812.188	29.792	31.152	26.376

1.022				
1/4/2016 9:00:00 PM	385200.000	12.921	15.973	29.106
37890.055	45784.043	29.772	31.133	26.392
1.022				
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37932.055	45837.043	29.810	31.169	26.363
1.022				
1/4/2016 9:30:00 PM	387000.000	12.931	15.970	29.128
37940.992	45848.129	29.818	31.177	26.357
1.022				
1/4/2016 9:45:00 PM	387900.000	12.856	15.972	28.959
37871.078	45761.949	29.756	31.118	26.405
1.022				
1/4/2016 10:00:00 PM	388800.000	12.855	15.969	28.957
37807.527	45688.051	29.702	31.068	26.450
1.022				
1/4/2016 10:15:00 PM	389700.000	12.904	15.968	29.068
37526.402	45349.527	29.458	30.838	26.648
1.021				
1/4/2016 10:30:00 PM	390600.000	12.841	15.971	28.926
37837.422	45721.941	29.727	31.091	26.429
1.022				
1/4/2016 10:45:00 PM	391500.000	12.824	15.971	28.886
37304.129	45077.617	29.262	30.653	26.807
1.021				
1/4/2016 11:00:00 PM	392400.000	12.839	15.975	28.922
37122.281	44854.219	29.101	30.501	26.938
1.021				
1/4/2016 11:15:00 PM	393300.000	12.829	15.981	28.899
37885.590	45769.801	29.762	31.123	26.395
1.022				
1/4/2016 11:30:00 PM	394200.000	12.748	15.984	28.716
37884.680	45765.813	29.759	31.121	26.396
1.022				
1/4/2016 11:45:00 PM	395100.000	12.794	15.978	28.821
37918.652	45813.469	29.793	31.153	26.372
1.022				
1/5/2016 12:00:00 AM	396000.000	12.792	15.977	28.815
37914.473	45808.992	29.790	31.150	26.375
1.022				
1/5/2016 12:15:00 AM	396900.000	12.805	15.978	28.844
37884.273	45771.930	29.763	31.125	26.396
1.022				
1/5/2016 12:30:00 AM	397800.000	12.661	15.970	28.520
37834.719	45719.980	29.725	31.090	26.431
1.022				
1/5/2016 12:45:00 AM	398700.000	12.682	15.969	28.566
37944.871	45854.871	29.823	31.181	26.354
1.022				
1/5/2016 1:00:00 AM	399600.000	12.706	15.966	28.622
37937.645	45848.652	29.818	31.177	26.359
1.022				
1/5/2016 1:15:00 AM	400500.000	12.676	15.967	28.555
37959.184	45873.473	29.836	31.194	26.344

1.022				
1/5/2016 1:30:00 AM	401400.000	12.677	15.967	28.556
37944.906	45856.039	29.823	31.182	26.354
1.022				
1/5/2016 1:45:00 AM	402300.000	12.623	15.967	28.435
37893.977	45794.668	29.779	31.140	26.389
1.022				
1/5/2016 2:00:00 AM	403200.000	12.615	15.967	28.416
37698.102	45558.789	29.609	30.980	26.527
1.022				
1/5/2016 2:15:00 AM	404100.000	12.651	15.967	28.498
36939.254	44641.340	28.947	30.356	27.071
1.021				
1/5/2016 2:30:00 AM	405000.000	12.674	15.963	28.549
36936.801	44642.574	28.947	30.357	27.073
1.021				
1/5/2016 2:45:00 AM	405900.000	12.680	15.964	28.563
37095.516	44833.109	29.085	30.487	26.957
1.021				
1/5/2016 3:00:00 AM	406800.000	12.676	15.964	28.555
37320.105	45104.547	29.280	30.671	26.795
1.021				
1/5/2016 3:15:00 AM	407700.000	12.731	15.962	28.677
36762.469	44432.680	28.796	30.214	27.202
1.021				
1/5/2016 3:30:00 AM	408600.000	12.738	15.973	28.694
37829.551	45710.395	29.719	31.083	26.434
1.022				
1/5/2016 3:45:00 AM	409500.000	12.833	15.969	28.908
37885.078	45782.336	29.770	31.132	26.396
1.022				
1/5/2016 4:00:00 AM	410400.000	12.786	15.970	28.803
37789.055	45665.355	29.686	31.052	26.463
1.022				
1/5/2016 4:15:00 AM	411300.000	12.824	15.971	28.888
37922.957	45826.051	29.802	31.162	26.369
1.022				
1/5/2016 4:30:00 AM	412200.000	12.868	15.969	28.986
37908.391	45810.313	29.790	31.151	26.379
1.022				
1/5/2016 4:45:00 AM	413100.000	12.866	15.963	28.981
37885.582	45789.469	29.775	31.137	26.395
1.022				
1/5/2016 5:00:00 AM	414000.000	12.895	15.957	29.047
37954.441	45878.953	29.839	31.198	26.347
1.022				
1/5/2016 5:15:00 AM	414900.000	12.953	15.956	29.177
37964.926	45892.855	29.849	31.207	26.340
1.022				
1/5/2016 5:30:00 AM	415800.000	12.893	15.956	29.043
37919.457	45837.141	29.809	31.169	26.372
1.022				
1/5/2016 5:45:00 AM	416700.000	12.944	15.955	29.157
37956.074	45882.793	29.842	31.200	26.346

1.022				
1/5/2016 6:00:00 AM	417600.000	12.936	15.954	29.139
37929.914	45852.117	29.820	31.179	26.364
1.022				
1/5/2016 6:15:00 AM	418500.000	12.983	15.953	29.245
37912.832	45832.590	29.806	31.166	26.376
1.022				
1/5/2016 6:30:00 AM	419400.000	13.019	15.948	29.328
37953.371	45886.738	29.844	31.203	26.348
1.022				
1/5/2016 6:45:00 AM	420300.000	13.028	15.949	29.346
37963.285	45898.344	29.853	31.211	26.341
1.022				
1/5/2016 7:00:00 AM	421200.000	12.982	15.949	29.242
37955.457	45888.035	29.845	31.204	26.347
1.022				
1/5/2016 7:15:00 AM	422100.000	13.036	15.949	29.364
37964.191	45899.438	29.854	31.212	26.341
1.022				
1/5/2016 7:30:00 AM	423000.000	13.062	15.950	29.423
37992.289	45932.105	29.877	31.234	26.321
1.022				
1/5/2016 7:45:00 AM	423900.000	13.075	15.949	29.453
37940.125	45870.152	29.832	31.192	26.357
1.022				
1/5/2016 8:00:00 AM	424800.000	13.119	15.947	29.553
37924.211	45852.703	29.820	31.180	26.368
1.022				
1/5/2016 8:15:00 AM	425700.000	13.193	15.942	29.719
37975.824	45920.723	29.869	31.226	26.333
1.022				
1/5/2016 8:30:00 AM	426600.000	13.194	15.943	29.721
38021.430	45974.730	29.908	31.263	26.301
1.022				
1/5/2016 8:45:00 AM	427500.000	13.219	15.942	29.777
37988.969	45936.422	29.880	31.237	26.323
1.022				
1/5/2016 9:00:00 AM	428400.000	13.234	15.942	29.811
38029.965	45985.719	29.916	31.270	26.295
1.022				
1/5/2016 9:15:00 AM	429300.000	13.311	15.939	29.985
38021.422	45978.766	29.910	31.266	26.301
1.022				
1/5/2016 9:30:00 AM	430200.000	13.311	15.941	29.984
38007.805	45960.047	29.897	31.253	26.310
1.022				
1/5/2016 9:45:00 AM	431100.000	13.255	15.934	29.858
38003.695	45962.203	29.898	31.254	26.313
1.022				
1/5/2016 10:00:00 AM	432000.000	13.214	15.934	29.765
38008.195	45967.824	29.902	31.258	26.310
1.022				
1/5/2016 10:15:00 AM	432900.000	13.157	15.932	29.638
38053.949	46025.887	29.944	31.298	26.278

1.022				
1/5/2016 10:30:00 AM	433800.000	13.147	15.931	29.616
38050.160	46022.051	29.941	31.295	26.281
1.022				
1/5/2016 10:45:00 AM	434700.000	13.131	15.930	29.579
38035.359	46005.363	29.929	31.284	26.291
1.022				
1/5/2016 11:00:00 AM	435600.000	13.144	15.926	29.608
38076.227	46058.465	29.967	31.320	26.263
1.022				
1/5/2016 11:15:00 AM	436500.000	13.018	15.929	29.325
38054.148	46028.480	29.946	31.299	26.278
1.022				
1/5/2016 11:30:00 AM	437400.000	13.032	15.927	29.357
38071.430	46051.445	29.962	31.315	26.266
1.022				
1/5/2016 11:45:00 AM	438300.000	13.023	15.926	29.335
38039.934	46015.406	29.936	31.290	26.288
1.022				
1/5/2016 12:00:00 PM	439200.000	13.022	15.924	29.334
38048.059	46027.402	29.945	31.299	26.283
1.022				
1/5/2016 12:15:00 PM	440100.000	12.954	15.924	29.180
38111.898	46104.629	30.000	31.351	26.239
1.022				
1/5/2016 12:30:00 PM	441000.000	12.979	15.921	29.235
38070.074	46056.844	29.966	31.319	26.267
1.022				
1/5/2016 12:45:00 PM	441900.000	12.944	15.919	29.158
38107.637	46104.457	30.000	31.351	26.241
1.022				
1/5/2016 1:00:00 PM	442800.000	12.976	15.917	29.230
38119.375	46120.359	30.011	31.362	26.233
1.022				
1/5/2016 1:15:00 PM	443700.000	12.987	15.919	29.255
38082.816	46074.613	29.978	31.331	26.259
1.022				
1/5/2016 1:30:00 PM	444600.000	13.021	15.918	29.331
38107.766	46105.832	30.001	31.352	26.241
1.022				
1/5/2016 1:45:00 PM	445500.000	13.004	15.913	29.294
38105.996	46108.762	30.003	31.354	26.243
1.022				
1/5/2016 2:00:00 PM	446400.000	12.986	15.916	29.252
38078.906	46072.238	29.977	31.329	26.261
1.022				
1/5/2016 2:15:00 PM	447300.000	12.960	15.913	29.193
38077.301	46073.488	29.977	31.330	26.262
1.022				
1/5/2016 2:30:00 PM	448200.000	12.985	15.914	29.249
38097.902	46098.125	29.995	31.347	26.248
1.022				
1/5/2016 2:45:00 PM	449100.000	12.979	15.911	29.237
38067.277	46063.895	29.970	31.323	26.269

1.022				
1/5/2016 3:00:00 PM	450000.000	12.969	15.911	29.215
38080.297	46080.031	29.982	31.334	26.260
1.022				
1/5/2016 3:15:00 PM	450900.000	13.058	15.911	29.415
38086.906	46088.207	29.988	31.340	26.256
1.022				
1/5/2016 3:30:00 PM	451800.000	12.989	15.909	29.259
38061.266	46059.063	29.967	31.320	26.273
1.022				
1/5/2016 3:45:00 PM	452700.000	13.053	15.909	29.404
38093.766	46097.840	29.995	31.347	26.251
1.022				
1/5/2016 4:00:00 PM	453600.000	13.150	15.907	29.622
38064.441	46065.168	29.971	31.324	26.271
1.022				
1/5/2016 4:15:00 PM	454500.000	13.101	15.908	29.512
38084.445	46088.340	29.988	31.340	26.257
1.022				
1/5/2016 4:30:00 PM	455400.000	13.152	15.906	29.626
37996.793	45983.859	29.912	31.269	26.318
1.022				
1/5/2016 4:45:00 PM	456300.000	13.069	15.904	29.439
38059.941	46062.449	29.969	31.322	26.274
1.022				
1/5/2016 5:00:00 PM	457200.000	13.165	15.905	29.655
38048.723	46047.645	29.958	31.312	26.282
1.022				
1/5/2016 5:15:00 PM	458100.000	13.142	15.900	29.605
38003.047	45997.531	29.921	31.278	26.314
1.022				
1/5/2016 5:30:00 PM	459000.000	13.191	15.899	29.713
38044.699	46049.453	29.959	31.314	26.285
1.022				
1/5/2016 5:45:00 PM	459900.000	13.183	15.897	29.696
37995.492	45991.570	29.917	31.274	26.319
1.022				
1/5/2016 6:00:00 PM	460800.000	13.169	15.898	29.664
38021.152	46021.789	29.939	31.295	26.301
1.022				
1/5/2016 6:15:00 PM	461700.000	13.273	15.899	29.898
38066.695	46076.359	29.978	31.332	26.270
1.022				
1/5/2016 6:30:00 PM	462600.000	13.188	15.902	29.706
37985.199	45974.711	29.905	31.263	26.326
1.022				
1/5/2016 6:45:00 PM	463500.000	13.312	15.896	29.986
38071.855	46085.996	29.985	31.338	26.266
1.022				
1/5/2016 7:00:00 PM	464400.000	13.289	15.898	29.935
37996.859	45992.871	29.918	31.275	26.318
1.022				
1/5/2016 7:15:00 PM	465300.000	13.331	15.897	30.029
38054.605	46063.613	29.969	31.323	26.278

1.022				
1/5/2016 7:30:00 PM	466200.000	13.298	15.898	29.954
38026.227	46028.594	29.944	31.299	26.298
1.022				
1/5/2016 7:45:00 PM	467100.000	13.473	15.897	30.350
38068.957	46081.340	29.982	31.335	26.268
1.022				
1/5/2016 8:00:00 PM	468000.000	13.356	15.896	30.085
38115.668	46138.086	30.023	31.374	26.236
1.022				
1/5/2016 8:15:00 PM	468900.000	13.339	15.894	30.047
38113.539	46138.523	30.023	31.374	26.237
1.022				
1/5/2016 8:30:00 PM	469800.000	13.406	15.894	30.199
38094.906	46115.680	30.007	31.359	26.250
1.022				
1/5/2016 8:45:00 PM	470700.000	13.417	15.893	30.224
38122.566	46149.734	30.031	31.382	26.231
1.022				
1/5/2016 9:00:00 PM	471600.000	13.380	15.892	30.140
38120.617	46149.254	30.031	31.381	26.233
1.022				
1/5/2016 9:15:00 PM	472500.000	13.396	15.889	30.176
38086.711	46111.309	30.003	31.356	26.256
1.022				
1/5/2016 9:30:00 PM	473400.000	13.315	15.891	29.994
38077.770	46097.758	29.993	31.346	26.262
1.022				
1/5/2016 9:45:00 PM	474300.000	13.441	15.887	30.277
38095.059	46123.594	30.012	31.364	26.250
1.022				
1/5/2016 10:00:00 PM	475200.000	13.430	15.890	30.252
38112.930	46141.355	30.025	31.376	26.238
1.022				
1/5/2016 10:15:00 PM	476100.000	13.426	15.884	30.244
38142.758	46184.359	30.056	31.405	26.217
1.022				
1/5/2016 10:30:00 PM	477000.000	13.393	15.889	30.170
38083.102	46106.855	30.000	31.353	26.258
1.022				
1/5/2016 10:45:00 PM	477900.000	13.420	15.883	30.230
38126.145	46164.809	30.041	31.392	26.229
1.022				
1/5/2016 11:00:00 PM	478800.000	13.368	15.881	30.113
38180.219	46232.934	30.091	31.438	26.192
1.022				
1/5/2016 11:15:00 PM	479700.000	13.395	15.879	30.173
38132.398	46177.383	30.050	31.401	26.224
1.022				
1/5/2016 11:30:00 PM	480600.000	13.336	15.877	30.040
38147.074	46196.762	30.064	31.414	26.214
1.022				
1/5/2016 11:45:00 PM	481500.000	13.312	15.873	29.986
38146.980	46201.359	30.067	31.417	26.214

1.022				
1/6/2016 12:00:00 AM	482400.000	13.244	15.875	29.834
38192.078	46253.340	30.105	31.452	26.183
1.022				
1/6/2016 12:15:00 AM	483300.000	13.272	15.875	29.897
38184.969	46244.730	30.099	31.446	26.188
1.022				
1/6/2016 12:30:00 AM	484200.000	13.199	15.869	29.731
38191.594	46259.172	30.109	31.456	26.184
1.022				
1/6/2016 12:45:00 AM	485100.000	13.229	15.870	29.799
38204.008	46272.984	30.119	31.466	26.175
1.022				
1/6/2016 1:00:00 AM	486000.000	13.235	15.868	29.814
38243.004	46322.777	30.155	31.499	26.149
1.022				
1/6/2016 1:15:00 AM	486900.000	13.281	15.868	29.917
38201.398	46272.086	30.118	31.465	26.177
1.022				
1/6/2016 1:30:00 AM	487800.000	13.229	15.867	29.800
38173.891	46239.910	30.095	31.443	26.196
1.022				
1/6/2016 1:45:00 AM	488700.000	13.271	15.866	29.895
38236.539	46316.734	30.150	31.495	26.153
1.022				
1/6/2016 2:00:00 AM	489600.000	13.235	15.866	29.813
38209.676	46284.016	30.127	31.473	26.171
1.022				
1/6/2016 2:15:00 AM	490500.000	13.283	15.866	29.921
38180.996	46249.918	30.102	31.450	26.191
1.022				
1/6/2016 2:30:00 AM	491400.000	13.315	15.863	29.994
38197.746	46273.535	30.119	31.466	26.180
1.022				
1/6/2016 2:45:00 AM	492300.000	13.326	15.864	30.018
38168.949	46237.230	30.093	31.441	26.199
1.022				
1/6/2016 3:00:00 AM	493200.000	13.388	15.861	30.158
38227.801	46311.645	30.146	31.492	26.159
1.022				
1/6/2016 3:15:00 AM	494100.000	13.349	15.862	30.070
38206.914	46285.016	30.127	31.474	26.173
1.022				
1/6/2016 3:30:00 AM	495000.000	13.331	15.862	30.028
38236.914	46321.922	30.154	31.499	26.153
1.022				
1/6/2016 3:45:00 AM	495900.000	13.368	15.862	30.113
38228.855	46311.875	30.146	31.492	26.158
1.022				
1/6/2016 4:00:00 AM	496800.000	13.381	15.860	30.142
38185.621	46261.863	30.110	31.458	26.188
1.022				
1/6/2016 4:15:00 AM	497700.000	13.399	15.861	30.183
38226.121	46309.699	30.145	31.491	26.160

1.022				
1/6/2016 4:30:00 AM	498600.000	13.454	15.862	30.307
38214.277	46294.023	30.134	31.480	26.168
1.022				
1/6/2016 4:45:00 AM	499500.000	13.484	15.864	30.375
38176.441	46246.680	30.099	31.448	26.194
1.022				
1/6/2016 5:00:00 AM	500400.000	13.516	15.867	30.446
38220.785	46296.902	30.136	31.482	26.164
1.022				
1/6/2016 5:15:00 AM	501300.000	13.581	15.866	30.593
38235.930	46316.371	30.150	31.495	26.153
1.022				
1/6/2016 5:30:00 AM	502200.000	13.568	15.861	30.564
38223.418	46305.949	30.142	31.488	26.162
1.022				
1/6/2016 5:45:00 AM	503100.000	13.580	15.870	30.589
38210.141	46281.172	30.125	31.471	26.171
1.022				
1/6/2016 6:00:00 AM	504000.000	13.585	15.866	30.601
38222.766	46300.250	30.138	31.484	26.162
1.022				
1/6/2016 6:15:00 AM	504900.000	13.664	15.867	30.779
38215.430	46289.934	30.131	31.477	26.167
1.022				
1/6/2016 6:30:00 AM	505800.000	13.687	15.868	30.831
38246.105	46326.238	30.157	31.502	26.146
1.022				
1/6/2016 6:45:00 AM	506700.000	13.656	15.871	30.762
38267.766	46349.637	30.174	31.518	26.132
1.022				
1/6/2016 7:00:00 AM	507600.000	13.772	15.869	31.023
38200.949	46270.504	30.117	31.464	26.177
1.022				
1/6/2016 7:15:00 AM	508500.000	13.822	15.874	31.136
38226.422	46296.348	30.136	31.482	26.160
1.022				
1/6/2016 7:30:00 AM	509400.000	13.925	15.879	31.367
38302.078	46381.914	30.198	31.540	26.108
1.022				
1/6/2016 7:45:00 AM	510300.000	13.920	15.877	31.356
38233.973	46302.371	30.141	31.486	26.155
1.022				
1/6/2016 8:00:00 AM	511200.000	13.900	15.879	31.311
38240.266	46308.008	30.145	31.489	26.150
1.022				
1/6/2016 8:15:00 AM	512100.000	13.969	15.881	31.468
38245.293	46312.000	30.148	31.492	26.147
1.022				
1/6/2016 8:30:00 AM	513000.000	14.009	15.881	31.556
38258.445	46327.277	30.159	31.503	26.138
1.022				
1/6/2016 8:45:00 AM	513900.000	14.048	15.881	31.644
38247.363	46314.043	30.149	31.494	26.146

1.022				
1/6/2016 9:00:00 AM	514800.000	14.039	15.882	31.624
38252.848	46319.270	30.153	31.497	26.142
1.022				
1/6/2016 9:15:00 AM	515700.000	14.048	15.877	31.645
38301.645	46383.848	30.200	31.541	26.109
1.022				
1/6/2016 9:30:00 AM	516600.000	14.037	15.874	31.620
38237.824	46309.598	30.146	31.491	26.152
1.022				
1/6/2016 9:45:00 AM	517500.000	14.059	15.874	31.670
38305.754	46392.133	30.205	31.547	26.106
1.022				
1/6/2016 10:00:00 AM	518400.000	14.067	15.875	31.687
38253.434	46327.453	30.159	31.503	26.141
1.022				
1/6/2016 10:15:00 AM	519300.000	14.121	15.876	31.808
38314.605	46400.965	30.212	31.553	26.100
1.022				
1/6/2016 10:30:00 AM	520200.000	14.108	15.870	31.781
38310.766	46402.488	30.213	31.554	26.102
1.022				
1/6/2016 10:45:00 AM	521100.000	14.071	15.867	31.697
38307.898	46402.789	30.213	31.554	26.104
1.022				
1/6/2016 11:00:00 AM	522000.000	14.057	15.863	31.665
38323.008	46424.895	30.228	31.569	26.094
1.022				
1/6/2016 11:15:00 AM	522900.000	13.971	15.862	31.472
38346.672	46454.801	30.250	31.589	26.078
1.022				
1/6/2016 11:30:00 AM	523800.000	14.005	15.853	31.548
38365.426	46487.012	30.273	31.611	26.065
1.022				
1/6/2016 11:45:00 AM	524700.000	13.950	15.848	31.423
38374.500	46503.242	30.284	31.622	26.059
1.022				
1/6/2016 12:00:00 PM	525600.000	13.892	15.843	31.294
38392.727	46531.137	30.304	31.641	26.047
1.022				
1/6/2016 12:15:00 PM	526500.000	13.987	15.840	31.506
38409.164	46553.625	30.320	31.656	26.035
1.022				
1/6/2016 12:30:00 PM	527400.000	13.883	15.842	31.273
38420.863	46566.371	30.330	31.665	26.028
1.022				
1/6/2016 12:45:00 PM	528300.000	13.876	15.838	31.257
38420.508	46570.516	30.332	31.668	26.028
1.022				
1/6/2016 1:00:00 PM	529200.000	13.880	15.833	31.267
38433.176	46590.633	30.347	31.682	26.019
1.022				
1/6/2016 1:15:00 PM	530100.000	13.816	15.831	31.122
38415.043	46571.316	30.332	31.668	26.031

1.022				
1/6/2016 1:30:00 PM	531000.000	13.862	15.829	31.225
38412.785	46570.094	30.331	31.668	26.033
1.022				
1/6/2016 1:45:00 PM	531900.000	13.867	15.822	31.237
38437.668	46607.605	30.358	31.693	26.016
1.022				
1/6/2016 2:00:00 PM	532800.000	13.783	15.822	31.047
38458.828	46633.363	30.377	31.711	26.002
1.022				
1/6/2016 2:15:00 PM	533700.000	13.807	15.823	31.102
38432.785	46601.207	30.354	31.689	26.019
1.022				
1/6/2016 2:30:00 PM	534600.000	13.794	15.818	31.071
38442.648	46618.219	30.366	31.700	26.013
1.022				
1/6/2016 2:45:00 PM	535500.000	13.825	15.819	31.143
38460.195	46638.168	30.380	31.714	26.001
1.022				
1/6/2016 3:00:00 PM	536400.000	13.760	15.817	30.996
38424.328	46597.340	30.350	31.686	26.025
1.022				
1/6/2016 3:15:00 PM	537300.000	13.766	15.817	31.010
38445.203	46622.172	30.368	31.703	26.011
1.022				
1/6/2016 3:30:00 PM	538200.000	13.825	15.814	31.143
38484.160	46672.672	30.405	31.737	25.985
1.022				
1/6/2016 3:45:00 PM	539100.000	13.773	15.816	31.025
38445.145	46624.109	30.370	31.704	26.011
1.022				
1/6/2016 4:00:00 PM	540000.000	13.891	15.813	31.292
38420.648	46597.367	30.350	31.686	26.028
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1/6/2016 4:15:00 PM	540900.000	13.785	15.813	31.052
38414.496	46590.098	30.345	31.681	26.032
1.022				
1/6/2016 4:30:00 PM	541800.000	13.790	15.813	31.064
38386.180	46555.566	30.320	31.658	26.051
1.022				
1/6/2016 4:45:00 PM	542700.000	13.836	15.809	31.167
38429.551	46611.879	30.360	31.696	26.022
1.022				
1/6/2016 5:00:00 PM	543600.000	13.795	15.807	31.075
38413.551	46594.477	30.348	31.684	26.032
1.022				
1/6/2016 5:15:00 PM	544500.000	13.774	15.811	31.027
38470.496	46659.539	30.395	31.728	25.994
1.022				
1/6/2016 5:30:00 PM	545400.000	13.781	15.807	31.043
38456.664	46647.727	30.386	31.720	26.003
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1/6/2016 5:45:00 PM	546300.000	13.731	15.808	30.931
38433.785	46618.344	30.365	31.700	26.019

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1/6/2016 6:00:00 PM	547200.000	13.782	15.808	31.045
38428.133	46611.488	30.360	31.696	26.023
1.022				
1/6/2016 6:15:00 PM	548100.000	13.848	15.810	31.195
38402.859	46579.328	30.337	31.674	26.040
1.022				
1/6/2016 6:30:00 PM	549000.000	13.834	15.810	31.163
38395.051	46569.855	30.330	31.668	26.045
1.022				
1/6/2016 6:45:00 PM	549900.000	13.872	15.812	31.249
38398.105	46571.070	30.331	31.668	26.043
1.022				
1/6/2016 7:00:00 PM	550800.000	13.846	15.815	31.190
38395.641	46564.840	30.327	31.664	26.045
1.022				
1/6/2016 7:15:00 PM	551700.000	13.886	15.814	31.279
38362.648	46525.684	30.298	31.637	26.067
1.022				
1/6/2016 7:30:00 PM	552600.000	13.831	15.816	31.156
38407.637	46578.535	30.337	31.673	26.036
1.022				
1/6/2016 7:45:00 PM	553500.000	13.894	15.814	31.298
38381.246	46547.863	30.314	31.653	26.054
1.022				
1/6/2016 8:00:00 PM	554400.000	13.923	15.820	31.363
38422.629	46591.559	30.346	31.682	26.026
1.022				
1/6/2016 8:15:00 PM	555300.000	13.991	15.817	31.516
38386.051	46550.922	30.317	31.655	26.051
1.022				
1/6/2016 8:30:00 PM	556200.000	13.983	15.816	31.498
38398.379	46566.539	30.328	31.665	26.043
1.022				
1/6/2016 8:45:00 PM	557100.000	13.967	15.813	31.462
38407.438	46581.148	30.338	31.675	26.037
1.022				
1/6/2016 9:00:00 PM	558000.000	13.929	15.819	31.377
38347.539	46501.848	30.281	31.621	26.077
1.022				
1/6/2016 9:15:00 PM	558900.000	13.966	15.814	31.461
38391.316	46560.355	30.323	31.661	26.048
1.022				
1/6/2016 9:30:00 PM	559800.000	13.880	15.814	31.265
38403.086	46574.438	30.334	31.671	26.040
1.022				
1/6/2016 9:45:00 PM	560700.000	13.851	15.809	31.200
38371.820	46541.941	30.310	31.649	26.061
1.022				
1/6/2016 10:00:00 PM	561600.000	13.944	15.811	31.411
38425.855	46605.195	30.356	31.692	26.024
1.022				
1/6/2016 10:15:00 PM	562500.000	13.910	15.809	31.334
38341.141	46504.934	30.283	31.623	26.082

1.022				
1/6/2016 10:30:00 PM	563400.000	13.881	15.805	31.269
38419.598	46604.586	30.355	31.691	26.028
1.022				
1/6/2016 10:45:00 PM	564300.000	13.833	15.805	31.160
38382.227	46558.758	30.322	31.660	26.054
1.022				
1/6/2016 11:00:00 PM	565200.000	13.822	15.806	31.136
38385.871	46562.801	30.325	31.663	26.051
1.022				
1/6/2016 11:15:00 PM	566100.000	13.791	15.804	31.066
38378.336	46555.750	30.319	31.658	26.056
1.022				
1/6/2016 11:30:00 PM	567000.000	13.807	15.801	31.102
38394.660	46578.512	30.336	31.673	26.045
1.022				
1/6/2016 11:45:00 PM	567900.000	13.807	15.796	31.101
38357.668	46539.070	30.307	31.647	26.070
1.022				

Serial_number:
2003874

Project ID:
MPWSP Monitoring Wells Barologge

Location:
MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
12/31/2015	0:00:00		0 14.7817	4.445
12/31/2015	0:15:00		0 14.7804	4.239
12/31/2015	0:30:00		0 14.7785	4.004
12/31/2015	0:45:00		0 14.777	3.833
12/31/2015	1:00:00		0 14.7756	3.668
12/31/2015	1:15:00		0 14.7755	3.475
12/31/2015	1:30:00		0 14.7756	3.333
12/31/2015	1:45:00		0 14.7773	3.19
12/31/2015	2:00:00		0 14.7779	3.126
12/31/2015	2:15:00		0 14.7778	3.022
12/31/2015	2:30:00		0 14.7799	3.034
12/31/2015	2:45:00		0 14.7804	3.122
12/31/2015	3:00:00		0 14.7785	3.131
12/31/2015	3:15:00		0 14.7775	2.998
12/31/2015	3:30:00		0 14.7776	2.895
12/31/2015	3:45:00		0 14.7765	2.772
12/31/2015	4:00:00		0 14.7745	2.711
12/31/2015	4:15:00		0 14.7739	2.645
12/31/2015	4:30:00		0 14.7735	2.543
12/31/2015	4:45:00		0 14.7739	2.365
12/31/2015	5:00:00		0 14.7725	2.157
12/31/2015	5:15:00		0 14.7733	1.96
12/31/2015	5:30:00		0 14.7741	1.731
12/31/2015	5:45:00		0 14.7731	1.613
12/31/2015	6:00:00		0 14.7716	1.551
12/31/2015	6:15:00		0 14.7708	1.503
12/31/2015	6:30:00		0 14.7708	1.416
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12/31/2015	7:00:00		0 14.7735	1.319
12/31/2015	7:15:00		0 14.7724	1.284
12/31/2015	7:30:00		0 14.7742	1.239
12/31/2015	7:45:00		0 14.7726	1.184
12/31/2015	8:00:00		0 14.7728	1.516
12/31/2015	8:15:00		0 14.7774	2.211
12/31/2015	8:30:00		0 14.7807	3.12
12/31/2015	8:45:00		0 14.784	4.006

12/31/2015	9:00:00	0	14.7858	4.762
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12/31/2015	10:15:00	0	14.7957	8.959
12/31/2015	10:30:00	0	14.7951	9.565
12/31/2015	10:45:00	0	14.793	10.066
12/31/2015	11:00:00	0	14.7909	10.73
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12/31/2015	11:30:00	0	14.7879	12.278
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12/31/2015	12:45:00	0	14.767	15.04
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12/31/2015	14:00:00	0	14.7536	16.105
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12/31/2015	14:45:00	0	14.7494	14.917
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12/31/2015	15:15:00	0	14.7443	13.073
12/31/2015	15:30:00	0	14.7419	12.352
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12/31/2015	19:00:00	0	14.7448	6.304
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12/31/2015	19:45:00	0	14.7467	5.782
12/31/2015	20:00:00	0	14.7488	5.594
12/31/2015	20:15:00	0	14.7467	5.365
12/31/2015	20:30:00	0	14.7457	5.149

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12/31/2015	21:00:00	0	14.7443	4.878
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12/31/2015	21:45:00	0	14.7411	4.444
12/31/2015	22:00:00	0	14.7396	4.345
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12/31/2015	23:15:00	0	14.7321	3.139
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1/1/2016	7:15:00	0	14.7302	1.71
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1/1/2016	7:45:00	0	14.7323	1.317
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1/1/2016	8:15:00	0	14.7367	1.782

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1/1/2016	9:30:00	0	14.7527	4.714
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1/1/2016	10:45:00	0	14.7583	7.466
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1/1/2016	14:45:00	0	14.7332	11.373
1/1/2016	15:00:00	0	14.7316	11.462
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1/1/2016	15:45:00	0	14.7303	11.028
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1/1/2016	21:00:00	0	14.7365	6.059
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1/1/2016	22:00:00	0	14.7356	5.535
1/1/2016	22:15:00	0	14.7362	5.471
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1/2/2016	0:30:00	0	14.7293	5.192
1/2/2016	0:45:00	0	14.7286	5.192
1/2/2016	1:00:00	0	14.7274	5.207
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1/2/2016	6:00:00	0	14.7136	5.115
1/2/2016	6:15:00	0	14.7139	5.138
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1/5/2016	19:45:00	0	14.604	9.816
1/5/2016	20:00:00	0	14.6067	9.717
1/5/2016	20:15:00	0	14.6087	9.568
1/5/2016	20:30:00	0	14.6106	9.367
1/5/2016	20:45:00	0	14.6114	9.237
1/5/2016	21:00:00	0	14.6196	9.052
1/5/2016	21:15:00	0	14.6229	8.798
1/5/2016	21:30:00	0	14.6242	8.539
1/5/2016	21:45:00	0	14.6247	8.274
1/5/2016	22:00:00	0	14.6241	8.146
1/5/2016	22:15:00	0	14.6264	8.086
1/5/2016	22:30:00	0	14.6224	8.074
1/5/2016	22:45:00	0	14.625	8.007
1/5/2016	23:00:00	0	14.6233	7.915
1/5/2016	23:15:00	0	14.6224	7.779
1/5/2016	23:30:00	0	14.6216	7.615
1/5/2016	23:45:00	0	14.6169	7.479
1/6/2016	0:00:00	0	14.6148	7.431
1/6/2016	0:15:00	0	14.6127	7.414
1/6/2016	0:30:00	0	14.612	7.414
1/6/2016	0:45:00	0	14.61	7.456
1/6/2016	1:00:00	0	14.6065	7.516
1/6/2016	1:15:00	0	14.6018	7.615
1/6/2016	1:30:00	0	14.5926	7.739
1/6/2016	1:45:00	0	14.5896	7.797
1/6/2016	2:00:00	0	14.5888	7.881
1/6/2016	2:15:00	0	14.5842	7.941
1/6/2016	2:30:00	0	14.5823	7.998
1/6/2016	2:45:00	0	14.5792	8.057
1/6/2016	3:00:00	0	14.5739	8.143
1/6/2016	3:15:00	0	14.5679	8.201
1/6/2016	3:30:00	0	14.557	8.274
1/6/2016	3:45:00	0	14.5501	8.16
1/6/2016	4:00:00	0	14.5488	8.018
1/6/2016	4:15:00	0	14.5426	7.948
1/6/2016	4:30:00	0	14.5411	7.928
1/6/2016	4:45:00	0	14.5413	7.867
1/6/2016	5:00:00	0	14.5344	7.85
1/6/2016	5:15:00	0	14.5337	7.88
1/6/2016	5:30:00	0	14.5466	7.937
1/6/2016	5:45:00	0	14.5496	7.974

1/6/2016	6:00:00	0	14.5505	8
1/6/2016	6:15:00	0	14.55	7.99
1/6/2016	6:30:00	0	14.5468	7.957
1/6/2016	6:45:00	0	14.5423	7.976
1/6/2016	7:00:00	0	14.5403	7.993
1/6/2016	7:15:00	0	14.5388	8.021
1/6/2016	7:30:00	0	14.5411	8.089
1/6/2016	7:45:00	0	14.5441	8.142
1/6/2016	8:00:00	0	14.5438	8.304
1/6/2016	8:15:00	0	14.5503	8.499
1/6/2016	8:30:00	0	14.559	8.368
1/6/2016	8:45:00	0	14.5573	8.294
1/6/2016	9:00:00	0	14.56	8.213
1/6/2016	9:15:00	0	14.5649	8.076
1/6/2016	9:30:00	0	14.5686	7.999
1/6/2016	9:45:00	0	14.572	8.06
1/6/2016	10:00:00	0	14.5672	8.203
1/6/2016	10:15:00	0	14.5666	9.005
1/6/2016	10:30:00	0	14.5665	9.811
1/6/2016	10:45:00	0	14.5717	10.235
1/6/2016	11:00:00	0	14.5676	10.197
1/6/2016	11:15:00	0	14.5688	10
1/6/2016	11:30:00	0	14.5677	9.712
1/6/2016	11:45:00	0	14.559	9.388
1/6/2016	12:00:00	0	14.5553	9.228
1/6/2016	12:15:00	0	14.5529	9.242
1/6/2016	12:30:00	0	14.5509	9.376
1/6/2016	12:45:00	0	14.5496	9.47
1/6/2016	13:00:00	0	14.5475	9.494
1/6/2016	13:15:00	0	14.5474	9.402
1/6/2016	13:30:00	0	14.5464	9.387
1/6/2016	13:45:00	0	14.55	9.393
1/6/2016	14:00:00	0	14.5479	9.174
1/6/2016	14:15:00	0	14.5459	9.17
1/6/2016	14:30:00	0	14.5441	9.248
1/6/2016	14:45:00	0	14.5455	9.393
1/6/2016	15:00:00	0	14.5482	9.599
1/6/2016	15:15:00	0	14.5474	9.817
1/6/2016	15:30:00	0	14.5481	9.963
1/6/2016	15:45:00	0	14.5496	9.976
1/6/2016	16:00:00	0	14.5488	9.913
1/6/2016	16:15:00	0	14.5505	9.733
1/6/2016	16:30:00	0	14.5527	9.56
1/6/2016	16:45:00	0	14.5509	9.389
1/6/2016	17:00:00	0	14.5525	9.212
1/6/2016	17:15:00	0	14.5523	8.956
1/6/2016	17:30:00	0	14.5503	8.641

1/6/2016	17:45:00	0	14.551	8.274
1/6/2016	18:00:00	0	14.5521	7.935
1/6/2016	18:15:00	0	14.5532	7.622
1/6/2016	18:30:00	0	14.5554	7.42
1/6/2016	18:45:00	0	14.5553	7.258
1/6/2016	19:00:00	0	14.5572	7.124
1/6/2016	19:15:00	0	14.5589	7.028
1/6/2016	19:30:00	0	14.5613	7.044
1/6/2016	19:45:00	0	14.5617	7.13
1/6/2016	20:00:00	0	14.5627	7.157
1/6/2016	20:15:00	0	14.5611	7.169
1/6/2016	20:30:00	0	14.5655	7.052
1/6/2016	20:45:00	0	14.5698	7.095
1/6/2016	21:00:00	0	14.5695	7.183
1/6/2016	21:15:00	0	14.57	7.212
1/6/2016	21:30:00	0	14.5708	7.186
1/6/2016	21:45:00	0	14.5718	7.109
1/6/2016	22:00:00	0	14.5746	7.075
1/6/2016	22:15:00	0	14.5769	7.012
1/6/2016	22:30:00	0	14.5786	6.983
1/6/2016	22:45:00	0	14.5797	7.011
1/6/2016	23:00:00	0	14.5846	6.945
1/6/2016	23:15:00	0	14.5822	6.943
1/6/2016	23:30:00	0	14.5825	6.945
1/6/2016	23:45:00	0	14.5813	6.903

Report Date: 1/11/2016 11:28:36 AM
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_2016-01-07_11-13-31-041.wsl
Create Date: 1/7/2016 11:13:28 AM

Device Properties:

Device: BaroTROLL 500
Site: MPWSP BaroTroll
Device Name:
Serial Number: 399604
Firmware Version: 3.02
Hardware Version: 4
Device Address: 1
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)
Used Memory(%): 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
 1/3/2016 2:59:26 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: CShaw Interval -
 Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:45:00 PM
 1/7/2016 11:16:25 AM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval -
 Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:10:00 AM

Log Data:

Record Count: 677

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)		
12/31/2015 12:00:00 AM	2674800.000		767.006	7.827
12/31/2015 12:15:00 AM	2675700.000		766.920	7.786
12/31/2015 12:30:00 AM	2676600.000		766.543	7.660
12/31/2015 12:45:00 AM	2677500.000		766.593	7.583
12/31/2015 1:00:00 AM	2678400.000		766.456	7.536

12/31/2015 1:15:00 AM	2679300.000	766.911	7.400
12/31/2015 1:30:00 AM	2680200.000	766.660	7.332
12/31/2015 1:45:00 AM	2681100.000	766.866	7.260
12/31/2015 2:00:00 AM	2682000.000	766.729	7.204
12/31/2015 2:15:00 AM	2682900.000	766.743	7.121
12/31/2015 2:30:00 AM	2683800.000	766.882	7.015
12/31/2015 2:45:00 AM	2684700.000	767.209	6.986
12/31/2015 3:00:00 AM	2685600.000	766.852	6.969
12/31/2015 3:15:00 AM	2686500.000	766.767	6.980
12/31/2015 3:30:00 AM	2687400.000	766.875	6.897
12/31/2015 3:45:00 AM	2688300.000	767.064	6.832
12/31/2015 4:00:00 AM	2689200.000	766.660	6.794
12/31/2015 4:15:00 AM	2690100.000	766.724	6.743
12/31/2015 4:30:00 AM	2691000.000	766.555	6.691
12/31/2015 4:45:00 AM	2691900.000	766.704	6.628
12/31/2015 5:00:00 AM	2692800.000	766.568	6.568
12/31/2015 5:15:00 AM	2693700.000	766.935	6.507
12/31/2015 5:30:00 AM	2694600.000	766.898	6.468
12/31/2015 5:45:00 AM	2695500.000	766.680	6.396
12/31/2015 6:00:00 AM	2696400.000	766.757	6.276
12/31/2015 6:15:00 AM	2697300.000	766.457	6.249
12/31/2015 6:30:00 AM	2698200.000	766.837	6.216
12/31/2015 6:45:00 AM	2699100.000	766.670	6.160
12/31/2015 7:00:00 AM	2700000.000	766.440	6.126
12/31/2015 7:15:00 AM	2700900.000	767.121	6.068
12/31/2015 7:30:00 AM	2701800.000	766.885	6.045
12/31/2015 7:45:00 AM	2702700.000	766.657	5.999
12/31/2015 8:00:00 AM	2703600.000	766.848	5.943
12/31/2015 8:15:00 AM	2704500.000	766.779	5.894
12/31/2015 8:30:00 AM	2705400.000	766.559	5.828
12/31/2015 8:45:00 AM	2706300.000	766.998	5.953
12/31/2015 9:00:00 AM	2707200.000	767.348	6.024
12/31/2015 9:15:00 AM	2708100.000	767.022	6.230
12/31/2015 9:30:00 AM	2709000.000	767.081	6.355
12/31/2015 9:45:00 AM	2709900.000	767.331	6.512
12/31/2015 10:00:00 AM	0.000	767.686	6.649
12/31/2015 10:15:00 AM	900.000	767.470	6.755
12/31/2015 10:30:00 AM	1800.000	767.647	6.863
12/31/2015 10:45:00 AM	2700.000	767.123	7.008
12/31/2015 11:00:00 AM	3600.000	767.039	7.133
12/31/2015 11:15:00 AM	4500.000	767.105	7.258
12/31/2015 11:30:00 AM	5400.000	766.756	7.382
12/31/2015 11:45:00 AM	6300.000	766.868	7.528
12/31/2015 12:00:00 PM	7200.000	766.427	7.702
12/31/2015 12:15:00 PM	8100.000	766.024	7.805
12/31/2015 12:30:00 PM	9000.000	765.922	7.909
12/31/2015 12:45:00 PM	9900.000	765.757	8.096
12/31/2015 1:00:00 PM	10800.000	765.319	8.214
12/31/2015 1:15:00 PM	11700.000	765.610	8.366
12/31/2015 1:30:00 PM	12600.000	765.332	8.506
12/31/2015 1:45:00 PM	13500.000	765.040	8.674
12/31/2015 2:00:00 PM	14400.000	765.049	8.809
12/31/2015 2:15:00 PM	15300.000	764.821	8.911
12/31/2015 2:30:00 PM	16200.000	764.654	9.078

12/31/2015 2:45:00 PM	17100.000	764.724	9.225
12/31/2015 3:00:00 PM	18000.000	764.610	9.341
12/31/2015 3:15:00 PM	18900.000	764.712	9.465
12/31/2015 3:30:00 PM	19800.000	764.621	9.572
12/31/2015 3:45:00 PM	20700.000	764.779	9.644
12/31/2015 4:00:00 PM	21600.000	764.164	9.731
12/31/2015 4:15:00 PM	22500.000	764.594	9.703
12/31/2015 4:30:00 PM	23400.000	764.387	9.717
12/31/2015 4:45:00 PM	24300.000	764.586	9.677
12/31/2015 5:00:00 PM	25200.000	764.638	9.664
12/31/2015 5:15:00 PM	26100.000	764.517	9.605
12/31/2015 5:30:00 PM	27000.000	764.603	9.559
12/31/2015 5:45:00 PM	27900.000	764.894	9.471
12/31/2015 6:00:00 PM	28800.000	764.942	9.378
12/31/2015 6:15:00 PM	29700.000	764.989	9.277
12/31/2015 6:30:00 PM	30600.000	764.816	9.143
12/31/2015 6:45:00 PM	31500.000	764.590	9.013
12/31/2015 7:00:00 PM	32400.000	765.051	8.894
12/31/2015 7:15:00 PM	33300.000	764.989	8.745
12/31/2015 7:30:00 PM	34200.000	765.080	8.618
12/31/2015 7:45:00 PM	35100.000	764.953	8.507
12/31/2015 8:00:00 PM	36000.000	765.328	8.397
12/31/2015 8:15:00 PM	36900.000	765.016	8.282
12/31/2015 8:30:00 PM	37800.000	765.028	8.174
12/31/2015 8:45:00 PM	38700.000	765.059	8.071
12/31/2015 9:00:00 PM	39600.000	764.840	7.963
12/31/2015 9:15:00 PM	40500.000	764.936	7.832
12/31/2015 9:30:00 PM	41400.000	765.063	7.797
12/31/2015 9:45:00 PM	42300.000	764.652	7.725
12/31/2015 10:00:00 PM	43200.000	765.031	7.673
12/31/2015 10:15:00 PM	44100.000	765.033	7.620
12/31/2015 10:30:00 PM	45000.000	764.735	7.562
12/31/2015 10:45:00 PM	45900.000	764.632	7.510
12/31/2015 11:00:00 PM	46800.000	764.892	7.465
12/31/2015 11:15:00 PM	47700.000	764.559	7.378
12/31/2015 11:30:00 PM	48600.000	764.519	7.303
12/31/2015 11:45:00 PM	49500.000	764.354	7.200
1/1/2016 12:00:00 AM	50400.000	764.449	7.074
1/1/2016 12:15:00 AM	51300.000	764.190	6.940
1/1/2016 12:30:00 AM	52200.000	763.994	6.829
1/1/2016 12:45:00 AM	53100.000	764.143	6.743
1/1/2016 1:00:00 AM	54000.000	764.085	6.734
1/1/2016 1:15:00 AM	54900.000	764.259	6.651
1/1/2016 1:30:00 AM	55800.000	763.934	6.595
1/1/2016 1:45:00 AM	56700.000	764.016	6.545
1/1/2016 2:00:00 AM	57600.000	764.230	6.529
1/1/2016 2:15:00 AM	58500.000	764.317	6.500
1/1/2016 2:30:00 AM	59400.000	764.350	6.473
1/1/2016 2:45:00 AM	60300.000	764.047	6.418
1/1/2016 3:00:00 AM	61200.000	763.992	6.399
1/1/2016 3:15:00 AM	62100.000	764.178	6.355
1/1/2016 3:30:00 AM	63000.000	764.199	6.314
1/1/2016 3:45:00 AM	63900.000	764.138	6.323
1/1/2016 4:00:00 AM	64800.000	763.995	6.299

1/1/2016 4:15:00 AM	65700.000	763.959	6.242
1/1/2016 4:30:00 AM	66600.000	763.845	6.166
1/1/2016 4:45:00 AM	67500.000	763.744	6.123
1/1/2016 5:00:00 AM	68400.000	763.611	6.005
1/1/2016 5:15:00 AM	69300.000	763.929	5.938
1/1/2016 5:30:00 AM	70200.000	764.155	5.832
1/1/2016 5:45:00 AM	71100.000	764.052	5.737
1/1/2016 6:00:00 AM	72000.000	764.222	5.769
1/1/2016 6:15:00 AM	72900.000	764.154	5.748
1/1/2016 6:30:00 AM	73800.000	764.497	5.736
1/1/2016 6:45:00 AM	74700.000	764.656	5.707
1/1/2016 7:00:00 AM	75600.000	764.400	5.719
1/1/2016 7:15:00 AM	76500.000	764.500	5.677
1/1/2016 7:30:00 AM	77400.000	765.075	5.682
1/1/2016 7:45:00 AM	78300.000	764.456	5.585
1/1/2016 8:00:00 AM	79200.000	764.712	5.527
1/1/2016 8:15:00 AM	80100.000	764.829	5.477
1/1/2016 8:30:00 AM	81000.000	764.974	5.477
1/1/2016 8:45:00 AM	81900.000	765.284	5.511
1/1/2016 9:00:00 AM	82800.000	765.199	5.548
1/1/2016 9:15:00 AM	83700.000	765.125	5.626
1/1/2016 9:30:00 AM	84600.000	765.158	5.802
1/1/2016 9:45:00 AM	85500.000	765.395	5.921
1/1/2016 10:00:00 AM	86400.000	765.510	6.053
1/1/2016 10:15:00 AM	87300.000	765.342	6.171
1/1/2016 10:30:00 AM	88200.000	765.738	6.335
1/1/2016 10:45:00 AM	89100.000	765.280	6.411
1/1/2016 11:00:00 AM	90000.000	765.196	6.522
1/1/2016 11:15:00 AM	90900.000	764.961	6.605
1/1/2016 11:30:00 AM	91800.000	765.372	6.685
1/1/2016 11:45:00 AM	92700.000	765.212	6.782
1/1/2016 12:00:00 PM	93600.000	764.860	6.865
1/1/2016 12:15:00 PM	94500.000	764.676	6.992
1/1/2016 12:30:00 PM	95400.000	764.652	7.127
1/1/2016 12:45:00 PM	96300.000	764.303	7.225
1/1/2016 1:00:00 PM	97200.000	764.431	7.325
1/1/2016 1:15:00 PM	98100.000	763.576	7.427
1/1/2016 1:30:00 PM	99000.000	764.056	7.534
1/1/2016 1:45:00 PM	99900.000	763.938	7.645
1/1/2016 2:00:00 PM	100800.000	764.228	7.745
1/1/2016 2:15:00 PM	101700.000	764.033	7.849
1/1/2016 2:30:00 PM	102600.000	763.798	7.940
1/1/2016 2:45:00 PM	103500.000	764.089	8.077
1/1/2016 3:00:00 PM	104400.000	764.147	8.141
1/1/2016 3:15:00 PM	105300.000	763.868	8.247
1/1/2016 3:30:00 PM	106200.000	763.929	8.342
1/1/2016 3:45:00 PM	107100.000	763.895	8.440
1/1/2016 4:00:00 PM	108000.000	764.024	8.508
1/1/2016 4:15:00 PM	108900.000	764.143	8.569
1/1/2016 4:30:00 PM	109800.000	764.126	8.604
1/1/2016 4:45:00 PM	110700.000	763.908	8.625
1/1/2016 5:00:00 PM	111600.000	763.984	8.647
1/1/2016 5:15:00 PM	112500.000	763.681	8.647
1/1/2016 5:30:00 PM	113400.000	763.733	8.626

1/1/2016 5:45:00 PM	114300.000	763.645	8.619
1/1/2016 6:00:00 PM	115200.000	763.934	8.599
1/1/2016 6:15:00 PM	116100.000	763.695	8.549
1/1/2016 6:30:00 PM	117000.000	764.117	8.543
1/1/2016 6:45:00 PM	117900.000	763.953	8.512
1/1/2016 7:00:00 PM	118800.000	763.874	8.459
1/1/2016 7:15:00 PM	119700.000	764.156	8.415
1/1/2016 7:30:00 PM	120600.000	764.169	8.354
1/1/2016 7:45:00 PM	121500.000	764.162	8.294
1/1/2016 8:00:00 PM	122400.000	764.233	8.242
1/1/2016 8:15:00 PM	123300.000	764.243	8.217
1/1/2016 8:30:00 PM	124200.000	764.325	8.139
1/1/2016 8:45:00 PM	125100.000	764.211	8.161
1/1/2016 9:00:00 PM	126000.000	764.328	8.083
1/1/2016 9:15:00 PM	126900.000	764.431	8.022
1/1/2016 9:30:00 PM	127800.000	764.406	7.986
1/1/2016 9:45:00 PM	128700.000	764.888	7.959
1/1/2016 10:00:00 PM	129600.000	764.445	7.921
1/1/2016 10:15:00 PM	130500.000	764.580	7.856
1/1/2016 10:30:00 PM	131400.000	764.312	7.810
1/1/2016 10:45:00 PM	132300.000	764.405	7.776
1/1/2016 11:00:00 PM	133200.000	764.287	7.773
1/1/2016 11:15:00 PM	134100.000	764.507	7.704
1/1/2016 11:30:00 PM	135000.000	764.535	7.725
1/1/2016 11:45:00 PM	135900.000	764.499	7.656
1/2/2016 12:00:00 AM	136800.000	764.477	7.666
1/2/2016 12:15:00 AM	137700.000	764.350	7.652
1/2/2016 12:30:00 AM	138600.000	764.342	7.669
1/2/2016 12:45:00 AM	139500.000	763.835	7.634
1/2/2016 1:00:00 AM	140400.000	764.288	7.616
1/2/2016 1:15:00 AM	141300.000	763.978	7.612
1/2/2016 1:30:00 AM	142200.000	764.081	7.622
1/2/2016 1:45:00 AM	143100.000	763.809	7.667
1/2/2016 2:00:00 AM	144000.000	763.642	7.611
1/2/2016 2:15:00 AM	144900.000	763.960	7.651
1/2/2016 2:30:00 AM	145800.000	763.477	7.617
1/2/2016 2:45:00 AM	146700.000	763.863	7.599
1/2/2016 3:00:00 AM	147600.000	763.770	7.575
1/2/2016 3:15:00 AM	148500.000	763.756	7.571
1/2/2016 3:30:00 AM	149400.000	763.853	7.597
1/2/2016 3:45:00 AM	150300.000	763.388	7.604
1/2/2016 4:00:00 AM	151200.000	763.613	7.579
1/2/2016 4:15:00 AM	152100.000	763.448	7.586
1/2/2016 4:30:00 AM	153000.000	763.352	7.600
1/2/2016 4:45:00 AM	153900.000	763.330	7.585
1/2/2016 5:00:00 AM	154800.000	763.462	7.606
1/2/2016 5:15:00 AM	155700.000	763.395	7.611
1/2/2016 5:30:00 AM	156600.000	763.348	7.602
1/2/2016 5:45:00 AM	157500.000	763.537	7.587
1/2/2016 6:00:00 AM	158400.000	763.429	7.507
1/2/2016 6:15:00 AM	159300.000	763.227	7.511
1/2/2016 6:30:00 AM	160200.000	763.248	7.509
1/2/2016 6:45:00 AM	161100.000	763.508	7.434
1/2/2016 7:00:00 AM	162000.000	763.193	7.459

1/2/2016 7:15:00 AM	162900.000	763.251	7.458
1/2/2016 7:30:00 AM	163800.000	763.025	7.435
1/2/2016 7:45:00 AM	164700.000	763.351	7.411
1/2/2016 8:00:00 AM	165600.000	763.212	7.472
1/2/2016 8:15:00 AM	166500.000	763.448	7.482
1/2/2016 8:30:00 AM	167400.000	763.479	7.485
1/2/2016 8:45:00 AM	168300.000	763.638	7.513
1/2/2016 9:00:00 AM	169200.000	763.470	7.557
1/2/2016 9:15:00 AM	170100.000	763.326	7.585
1/2/2016 9:30:00 AM	171000.000	763.355	7.606
1/2/2016 9:45:00 AM	171900.000	763.248	7.659
1/2/2016 10:00:00 AM	172800.000	763.316	7.725
1/2/2016 10:15:00 AM	173700.000	763.810	7.824
1/2/2016 10:30:00 AM	174600.000	763.622	7.933
1/2/2016 10:45:00 AM	175500.000	762.926	8.030
1/2/2016 11:00:00 AM	176400.000	763.301	8.122
1/2/2016 11:15:00 AM	177300.000	763.062	8.207
1/2/2016 11:30:00 AM	178200.000	762.778	8.310
1/2/2016 11:45:00 AM	179100.000	762.535	8.376
1/2/2016 12:00:00 PM	180000.000	762.400	8.489
1/2/2016 12:15:00 PM	180900.000	762.185	8.583
1/2/2016 12:30:00 PM	181800.000	761.806	8.665
1/2/2016 12:45:00 PM	182700.000	761.321	8.839
1/2/2016 1:00:00 PM	183600.000	761.730	8.978
1/2/2016 1:15:00 PM	184500.000	761.175	9.126
1/2/2016 1:30:00 PM	185400.000	760.997	9.273
1/2/2016 1:45:00 PM	186300.000	761.141	9.448
1/2/2016 2:00:00 PM	187200.000	761.051	9.624
1/2/2016 2:15:00 PM	188100.000	761.146	9.795
1/2/2016 2:30:00 PM	189000.000	761.379	9.959
1/2/2016 2:45:00 PM	189900.000	760.682	10.049
1/2/2016 3:00:00 PM	190800.000	760.674	10.139
1/2/2016 3:15:00 PM	191700.000	760.686	10.185
1/2/2016 3:30:00 PM	192600.000	760.665	10.229
1/2/2016 3:45:00 PM	193500.000	760.928	10.270
1/2/2016 4:00:00 PM	194400.000	760.658	10.295
1/2/2016 4:15:00 PM	195300.000	760.755	10.314
1/2/2016 4:30:00 PM	196200.000	760.332	10.341
1/2/2016 4:45:00 PM	197100.000	760.272	10.341
1/2/2016 5:00:00 PM	198000.000	760.709	10.311
1/2/2016 5:15:00 PM	198900.000	760.398	10.332
1/2/2016 5:30:00 PM	199800.000	760.391	10.308
1/2/2016 5:45:00 PM	200700.000	760.280	10.316
1/2/2016 6:00:00 PM	201600.000	760.272	10.272
1/2/2016 6:15:00 PM	202500.000	760.577	10.224
1/2/2016 6:30:00 PM	203400.000	760.115	10.205
1/2/2016 6:45:00 PM	204300.000	760.215	10.120
1/2/2016 7:00:00 PM	205200.000	760.305	10.024
1/2/2016 7:15:00 PM	206100.000	760.416	9.974
1/2/2016 7:30:00 PM	207000.000	760.458	9.904
1/2/2016 7:45:00 PM	207900.000	760.548	9.806
1/2/2016 8:00:00 PM	208800.000	760.508	9.732
1/2/2016 8:15:00 PM	209700.000	760.304	9.657
1/2/2016 8:30:00 PM	210600.000	760.762	9.630

1/2/2016 8:45:00 PM	211500.000	761.146	9.574
1/2/2016 9:00:00 PM	212400.000	761.228	9.552
1/2/2016 9:15:00 PM	213300.000	760.715	9.557
1/2/2016 9:30:00 PM	214200.000	761.436	9.514
1/2/2016 9:45:00 PM	215100.000	761.023	9.493
1/2/2016 10:00:00 PM	216000.000	760.937	9.482
1/2/2016 10:15:00 PM	216900.000	761.088	9.466
1/2/2016 10:30:00 PM	217800.000	760.833	9.446
1/2/2016 10:45:00 PM	218700.000	760.679	9.414
1/2/2016 11:00:00 PM	219600.000	760.467	9.405
1/2/2016 11:15:00 PM	220500.000	760.636	9.370
1/2/2016 11:30:00 PM	221400.000	760.841	9.347
1/2/2016 11:45:00 PM	222300.000	760.470	9.319
1/3/2016 12:00:00 AM	223200.000	760.381	9.286
1/3/2016 12:15:00 AM	224100.000	760.420	9.253
1/3/2016 12:30:00 AM	225000.000	760.126	9.260
1/3/2016 12:45:00 AM	225900.000	760.054	9.204
1/3/2016 1:00:00 AM	226800.000	759.993	9.193
1/3/2016 1:15:00 AM	227700.000	760.072	9.180
1/3/2016 1:30:00 AM	228600.000	759.872	9.168
1/3/2016 1:45:00 AM	229500.000	759.861	9.159
1/3/2016 2:00:00 AM	230400.000	759.860	9.147
1/3/2016 2:15:00 AM	231300.000	759.732	9.234
1/3/2016 2:30:00 AM	232200.000	759.929	9.229
1/3/2016 2:45:00 AM	233100.000	759.968	9.251
1/3/2016 3:00:00 AM	234000.000	759.811	9.319
1/3/2016 3:15:00 AM	234900.000	759.715	9.333
1/3/2016 3:30:00 AM	235800.000	759.846	9.366
1/3/2016 3:45:00 AM	236700.000	759.417	9.362
1/3/2016 4:00:00 AM	237600.000	759.256	9.363
1/3/2016 4:15:00 AM	238500.000	759.431	9.395
1/3/2016 4:30:00 AM	239400.000	758.804	9.374
1/3/2016 4:45:00 AM	240300.000	758.525	9.386
1/3/2016 5:00:00 AM	241200.000	758.643	9.378
1/3/2016 5:15:00 AM	242100.000	758.930	9.372
1/3/2016 5:30:00 AM	243000.000	758.740	9.404
1/3/2016 5:45:00 AM	243900.000	758.518	9.391
1/3/2016 6:00:00 AM	244800.000	758.356	9.427
1/3/2016 6:15:00 AM	245700.000	758.467	9.423
1/3/2016 6:30:00 AM	246600.000	758.851	9.448
1/3/2016 6:45:00 AM	247500.000	758.754	9.463
1/3/2016 7:00:00 AM	248400.000	758.496	9.445
1/3/2016 7:15:00 AM	249300.000	758.772	9.452
1/3/2016 7:30:00 AM	250200.000	758.908	9.477
1/3/2016 7:45:00 AM	251100.000	758.571	9.475
1/3/2016 8:00:00 AM	252000.000	758.790	9.472
1/3/2016 8:15:00 AM	252900.000	758.801	9.511
1/3/2016 8:30:00 AM	253800.000	758.873	9.505
1/3/2016 8:45:00 AM	254700.000	759.260	9.523
1/3/2016 9:00:00 AM	255600.000	759.174	9.546
1/3/2016 9:15:00 AM	256500.000	758.923	9.554
1/3/2016 9:30:00 AM	257400.000	759.611	9.587
1/3/2016 9:45:00 AM	258300.000	758.905	9.613
1/3/2016 10:00:00 AM	259200.000	758.789	9.644

1/3/2016 10:15:00 AM	260100.000	758.988	9.695
1/3/2016 10:30:00 AM	261000.000	758.809	9.752
1/3/2016 10:45:00 AM	261900.000	758.575	9.792
1/3/2016 11:00:00 AM	262800.000	758.528	9.855
1/3/2016 11:15:00 AM	263700.000	758.328	9.948
1/3/2016 11:30:00 AM	264600.000	757.967	9.989
1/3/2016 11:45:00 AM	265500.000	757.905	10.078
1/3/2016 12:00:00 PM	266400.000	757.805	10.181
1/3/2016 12:15:00 PM	267300.000	757.396	10.291
1/3/2016 12:30:00 PM	268200.000	757.252	10.425
1/3/2016 12:45:00 PM	269100.000	757.421	10.554
1/3/2016 1:00:00 PM	270000.000	757.130	10.691
1/3/2016 1:15:00 PM	270900.000	757.001	10.803
1/3/2016 1:30:00 PM	271800.000	756.315	10.932
1/3/2016 1:45:00 PM	272700.000	755.806	10.980
1/3/2016 2:00:00 PM	273600.000	756.114	11.104
1/3/2016 2:15:00 PM	274500.000	756.286	11.184
1/3/2016 2:30:00 PM	275400.000	756.305	11.322
1/3/2016 2:45:00 PM	276300.000	755.722	11.515
1/3/2016 3:00:00 PM	277200.000	756.433	11.679
1/3/2016 3:15:00 PM	278100.000	755.808	11.738
1/3/2016 3:30:00 PM	279000.000	756.127	11.821
1/3/2016 3:45:00 PM	279900.000	755.570	11.861
1/3/2016 4:00:00 PM	280800.000	755.797	11.915
1/3/2016 4:15:00 PM	281700.000	755.927	11.917
1/3/2016 4:30:00 PM	282600.000	755.988	11.897
1/3/2016 4:45:00 PM	283500.000	755.793	11.919
1/3/2016 5:00:00 PM	284400.000	755.692	11.906
1/3/2016 5:15:00 PM	285300.000	755.653	11.903
1/3/2016 5:30:00 PM	286200.000	755.722	11.838
1/3/2016 5:45:00 PM	287100.000	756.160	11.829
1/3/2016 6:00:00 PM	288000.000	755.722	11.810
1/3/2016 6:15:00 PM	288900.000	755.944	11.774
1/3/2016 6:30:00 PM	289800.000	756.005	11.717
1/3/2016 6:45:00 PM	290700.000	756.045	11.709
1/3/2016 7:00:00 PM	291600.000	756.276	11.631
1/3/2016 7:15:00 PM	292500.000	756.315	11.606
1/3/2016 7:30:00 PM	293400.000	756.326	11.590
1/3/2016 7:45:00 PM	294300.000	756.192	11.569
1/3/2016 8:00:00 PM	295200.000	756.351	11.530
1/3/2016 8:15:00 PM	296100.000	756.332	11.471
1/3/2016 8:30:00 PM	297000.000	755.977	11.459
1/3/2016 8:45:00 PM	297900.000	756.053	11.420
1/3/2016 9:00:00 PM	298800.000	756.095	11.376
1/3/2016 9:15:00 PM	299700.000	756.286	11.336
1/3/2016 9:30:00 PM	300600.000	756.041	11.321
1/3/2016 9:45:00 PM	301500.000	756.243	11.226
1/3/2016 10:00:00 PM	302400.000	756.056	11.197
1/3/2016 10:15:00 PM	303300.000	756.211	11.134
1/3/2016 10:30:00 PM	304200.000	756.207	11.078
1/3/2016 10:45:00 PM	305100.000	756.495	11.057
1/3/2016 11:00:00 PM	306000.000	756.059	11.004
1/3/2016 11:15:00 PM	306900.000	756.085	10.906
1/3/2016 11:30:00 PM	307800.000	756.373	10.882

1/3/2016 11:45:00 PM	308700.000	756.398	10.877
1/4/2016 12:00:00 AM	309600.000	756.063	10.845
1/4/2016 12:15:00 AM	310500.000	756.160	10.800
1/4/2016 12:30:00 AM	311400.000	755.873	10.755
1/4/2016 12:45:00 AM	312300.000	755.679	10.694
1/4/2016 1:00:00 AM	313200.000	755.884	10.671
1/4/2016 1:15:00 AM	314100.000	756.068	10.575
1/4/2016 1:30:00 AM	315000.000	755.478	10.565
1/4/2016 1:45:00 AM	315900.000	755.708	10.483
1/4/2016 2:00:00 AM	316800.000	755.924	10.504
1/4/2016 2:15:00 AM	317700.000	755.816	10.460
1/4/2016 2:30:00 AM	318600.000	755.830	10.464
1/4/2016 2:45:00 AM	319500.000	755.769	10.403
1/4/2016 3:00:00 AM	320400.000	755.867	10.404
1/4/2016 3:15:00 AM	321300.000	755.744	10.367
1/4/2016 3:30:00 AM	322200.000	755.471	10.338
1/4/2016 3:45:00 AM	323100.000	755.102	10.341
1/4/2016 4:00:00 AM	324000.000	755.199	10.304
1/4/2016 4:15:00 AM	324900.000	755.019	10.286
1/4/2016 4:30:00 AM	325800.000	755.094	10.223
1/4/2016 4:45:00 AM	326700.000	755.109	10.177
1/4/2016 5:00:00 AM	327600.000	754.973	10.153
1/4/2016 5:15:00 AM	328500.000	754.908	10.136
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1/4/2016 5:45:00 AM	330300.000	755.012	10.069
1/4/2016 6:00:00 AM	331200.000	755.066	10.070
1/4/2016 6:15:00 AM	332100.000	755.088	10.052
1/4/2016 6:30:00 AM	333000.000	754.998	10.010
1/4/2016 6:45:00 AM	333900.000	755.311	10.046
1/4/2016 7:00:00 AM	334800.000	755.792	10.061
1/4/2016 7:15:00 AM	335700.000	756.057	10.007
1/4/2016 7:30:00 AM	336600.000	755.497	10.072
1/4/2016 7:45:00 AM	337500.000	755.935	10.032
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1/4/2016 8:15:00 AM	339300.000	755.708	10.051
1/4/2016 8:30:00 AM	340200.000	755.612	10.051
1/4/2016 8:45:00 AM	341100.000	755.892	10.073
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1/4/2016 9:15:00 AM	342900.000	755.899	10.163
1/4/2016 9:30:00 AM	343800.000	756.250	10.212
1/4/2016 9:45:00 AM	344700.000	756.186	10.260
1/4/2016 10:00:00 AM	345600.000	756.430	10.255
1/4/2016 10:15:00 AM	346500.000	756.563	10.317
1/4/2016 10:30:00 AM	347400.000	756.386	10.384
1/4/2016 10:45:00 AM	348300.000	756.175	10.464
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1/4/2016 11:30:00 AM	351000.000	756.246	10.880
1/4/2016 11:45:00 AM	351900.000	756.128	11.010
1/4/2016 12:00:00 PM	352800.000	755.981	11.194
1/4/2016 12:15:00 PM	353700.000	755.743	11.351
1/4/2016 12:30:00 PM	354600.000	755.590	11.563
1/4/2016 12:45:00 PM	355500.000	755.589	11.766
1/4/2016 1:00:00 PM	356400.000	755.290	11.924

1/4/2016 1:15:00 PM	357300.000	755.185	12.055
1/4/2016 1:30:00 PM	358200.000	755.318	12.206
1/4/2016 1:45:00 PM	359100.000	755.001	12.332
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1/4/2016 2:15:00 PM	360900.000	755.076	12.639
1/4/2016 2:30:00 PM	361800.000	754.911	12.762
1/4/2016 2:45:00 PM	362700.000	755.011	12.862
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1/4/2016 3:30:00 PM	365400.000	754.568	13.015
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1/4/2016 5:00:00 PM	370800.000	754.971	13.029
1/4/2016 5:15:00 PM	371700.000	755.083	13.004
1/4/2016 5:30:00 PM	372600.000	754.593	13.004
1/4/2016 5:45:00 PM	373500.000	755.282	12.976
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1/4/2016 7:30:00 PM	379800.000	754.712	12.699
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1/4/2016 8:15:00 PM	382500.000	754.932	12.544
1/4/2016 8:30:00 PM	383400.000	755.202	12.542
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1/5/2016 10:15:00 AM	432900.000	753.957	11.436
1/5/2016 10:30:00 AM	433800.000	754.573	11.471
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1/6/2016 1:30:00 AM	487800.000	757.034	10.035
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1/6/2016 11:00:00 PM	565200.000	756.783	9.269
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1/6/2016 11:30:00 PM	567000.000	756.532	9.202
1/6/2016 11:45:00 PM	567900.000	756.550	9.271

GEOSCIENCE

GEOSCIENCE Support Services, Inc. | P (909) 451-6650 | F (909) 451-6638
620 W. Arrow Highway, Suite 2000, La Verne, CA 91750 | Mailing: P.O. Box 220, Claremont, CA 91711