

MONTEREY PENINSULA WATER SUPPLY PROJECT

Test Slant Well Long Term Pumping Monitoring Report No. 68 10-August-16 - 17-August-16

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

August 23, 2016

PREPARED FOR:
California American Water



**CALIFORNIA
AMERICAN WATER**

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A stylized white graphic element consisting of a horizontal line that curves downwards at both ends, resembling a wave or a decorative underline.

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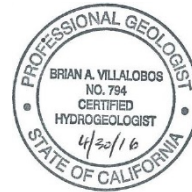
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THIS REPORT HAS BEEN PREPARED BY OR UNDER THE DIRECTION OF THE FOLLOWING DESIGN PROFESSIONAL LICENSED BY THE STATE OF CALIFORNIA AND BASED ON THE MOST RECENT AVAILABLE INFORMATION.



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CONTENTS

1.0 GENERAL 1

1.1 Purpose and Scope..... 1

1.2 Monitoring Well Construction 1

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports 2

1.4 Test Slant Well Baseline Water Level and Quality Data..... 2

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports..... 2

1.6 Test Slant Well Water Quality..... 3

1.7 Format of Report..... 3

2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS . 4

3.0 ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS 5

3.1 Additional Monitoring Methods 5

FIGURES, TABLES AND APPENDICES

FIGURES

No.	Description
1-1	MPWSP Groundwater Monitoring Network
2-1 to 2-9	Graphical Plots of Groundwater Elevations in Monitoring Wells
2-10	Surface Water Elevation in CEMEX Dredge Pond
2-11	Groundwater Elevation in CEMEX North Well
2-12	Groundwater Elevation in MPWSP Test Slant Well
3-1 to 3-9	Graphical Plots of Groundwater Specific Conductivity in Monitoring Wells
3-10	Specific Conductivity in CEMEX Dredge Pond
3-11	Specific Conductivity in CEMEX North Well
3-12	Specific Conductivity in MPWSP Test Slant Well

TABLES

No.	Description
1	General Technical Description of Monitoring Wells
2	Summary of Test Slant Well Laboratory Water Quality Results

APPENDICES

Description

- A-1 Coastal Development Permit #A-3-MRA-14-0050
- A-2 Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1
- B Groundwater Level and Salinity Instrument Data for the Period 10-August-16 through 17-August-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. 68
10-AUGUST-16 - 17-AUGUST-16**

1.0 GENERAL

1.1 Purpose and Scope

Coastal Development Permit #A-3-MRA-14-0050 dated 8-Dec-14 granted California American Water Company (CalAm) permission for development consisting of: Construction, operation and decommissioning of a test slant well at the CEMEX sand mining facility in the City of Marina and beneath Monterey Bay in the County of Monterey. Special condition 11, "Protection of Nearby Wells", of that permit requires groundwater monitoring of a minimum of four wells on the CEMEX site within 2,000 ft of the test well and one or more offsite wells to record water and salinity levels (see Appendix A-1).

1.2 Monitoring Well Construction

During the period from December 2014 to March 2015, four monitoring well clusters were constructed (MW-1, MW-3, MW-4, and MW-5) with each cluster consisting of three monitoring wells completed at different depth intervals. In addition, four monitoring well clusters (MW-6, MW-8, MW-9, and MW-7) were completed on 5-Apr-15, 29-May-15, 30-Jun-15, and 9-Aug-15. An additional cluster had been planned for construction (MW-10), however, due to inaccessibility the proposed cluster has been removed from the proposed monitoring network. The naming convention for the monitoring wells in each cluster is as follows: MW-1S, MW-1M and MW-1D refer to shallow, middle and deep monitoring zones, respectively, for monitoring well cluster MW-1. In addition, there are several existing wells which are being monitored or are planned to be monitored for water level and salinity: one well at the Monterey Regional Water Pollution Control Agency Plant (MRWPCA Well 1); and one existing well on the CEMEX property (CEMEX North Well). In addition to the already constructed, planned and existing groundwater monitoring wells, a stilling well installed at the north end of CEMEX's dredge pond (CP-1) is also being monitored. The transducer installed in the dredge pond was buried in sand due to winter storms surges in December 2015. The transducer will be replaced when pond conditions allow.

Table 1 summarizes general technical details of the monitoring wells and Figure 1-1 shows the monitoring well locations.

1.3 Baseline Water Level and Water Quality Weekly Monitoring Reports

Weekly reports containing baseline water levels and water quality data have been uploaded to the CalAm project website. A total of seven weekly reports were uploaded providing baseline data for the period: February 19, 2015 through April 22, 2015. Monitoring Reports No. 1 through No. 7 provide baseline data collected prior to initiation of the long-term pumping test.

1.4 Test Slant Well Baseline Water Level and Quality Data

A report entitled “TECHNICAL MEMORANDUM - Monterey Peninsula Water Supply Project Baseline Water and Total Dissolved Solids Levels Test Slant Well Area” was prepared on April 20, 2015 and submitted to the Hydrogeologic Working Group (HWG) for review and concurrence. The report provided observations of the trends in water levels and water quality from the data provided weekly in the monitoring reports and included recommendations for a methodology to evaluate changes in water level and water quality trends at MW-4 series in order to comply with the conditions of Coastal Development Permit #A-3-MRA-14-0050. The report is available at: www.watersupplyproject.org

1.5 Test Slant Well Long Term Pumping Test Monitoring Reports

This report is part of the second set of weekly monitoring reports required by Coastal Development Permit #A-3-MRA-14-0050 for the Test Slant Well project, providing water level and water quality data from the project monitoring wells. Figure 1-1 shows the location of the monitoring wells. The long-term pumping test of the Test Slant Well commenced on April 22, 2015.

On June 5, 2015, the Test Slant Well was voluntarily shut off so that the HWG could evaluate regional trends in water levels and salinity. During the shut off period, the California Coastal Commission allowed for weekly maintenance pumping of 6-hours per week to maintain the Test Slant Well (TSW) in an operational condition. Long term pumping of the Test Slant Well resumed on October 27, 2015 under Coastal Development Permit Amendment No. A-3-MRA-14-0050-A1 dated 13-Oct-15 (Appendix A-2). This report summarizes monitoring performed for the period 10-August-16 through 17-August-16 and is presented with data collected since the start of the long term pumping test. Each subsequent weekly report will provide an additional seven days of data.

On January 19, 2016 at 11:10 am, the Test Slant Well unexpectedly stopped pumping due to a Pacific Gas & Electric Company (PG&E) low voltage issue in the immediate area. The outage was later resolved and the Test Slant Well was turned on approximately 22 hours later on January 20, 2016 at 8:51 am. The pump unexpectedly turned off again due to PG&E power interruptions on January 22, 2016 at 11:53 pm for 35 hours, January 30, 2016 at 2:50 am for 8 hours, January 31, 2016 at 3:29 pm for 20 hours, and

February 12, 2016 at 2:43 am for 8 hours. The pump was turned off for 29 hours on March 1, 2016 for discharge line repairs. On March 4, 2016 at 10:10 am the pump was again turned off for discharge line repairs. Pumping resumed on May 2, 2016 at 1:22 pm. On May 17, 2016 at 11:59 pm and May 25, 2016 at 1:28 pm the pump turned off due to PG&E power interruptions and pumping resumed 15 hours and 4 hours later, respectively. Power interruptions also occurred on June 3, 2016 at 7:45 am, July 8, 2016 at 6:12 am, and July 14, 2016 at 10:21 am, where the well was off for approximately 1 hour each day. The pump was off for 80 hours due to a power interruption on August 13, 2016 at 11:32 am.

1.6 Test Slant Well Water Quality

Groundwater quality samples were collected from the Test Slant Well on April 8, 2015, prior to initiation of the long term pumping operations, on April 29, 2015, weekly during the Month of May and on June 3, 2015. A summary of the water quality laboratory results from the Test Slant Well are included in Table 2. Since October 27, 2015, water quality data has been collected weekly on average while the well is in operation and is presented in Table 2.

1.7 Format of Report

All downloaded pressure transducer data as well as specific conductivity (EC) during the monitoring period are included in Appendix B. Appendix B data is cumulative and only the appended data will be printed in each weekly monitoring report. Figures 2-1 to 2-8 show graphical plots of groundwater elevations for the eight monitoring well clusters (MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-9). Figure 2-9 shows groundwater elevations for existing well MRWPCA Well 1. Monitoring of MRWPCA Well 1 ceased due to the pressure transducer failing and the decision to not replace it due to an abundance of well motor lubricant oil in the well. Figures 3-1 through 3-8 show corresponding graphical plots of the specific conductivity for the above-mentioned wells. Figure 2-10 and 3-10 are water levels and specific conductivity for the CEMEX dredge pond, respectively. The dredge pond was breached by the ocean on October 28, 2015 allowing only six more weeks of data before the transducer could not be found. Figure 2-11 and 3-11 are plots of water level elevation and specific conductivity for the CEMEX North Well and Figures 2-12 and 3-12 are water levels and specific conductivity, respectively, for the Test Slant Well.

CEMEX's North Well collapsed on November 13, 2015. Monitoring of the North Well continued after the collapse for 15 weeks to evaluate whether water levels would equilibrate. Consistent shallow groundwater measurements indicate that the well screen is blocked and water levels in the well are no longer representative of the aquifer conditions. Therefore, water level measurements will no longer be collected in the CEMEX North Well.

In compliance with CDP #A-3-MRA-14-0050, the Test Slant Well Long Term Pumping Monitoring Report No. 68 (this report), is the sixty-eighth 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

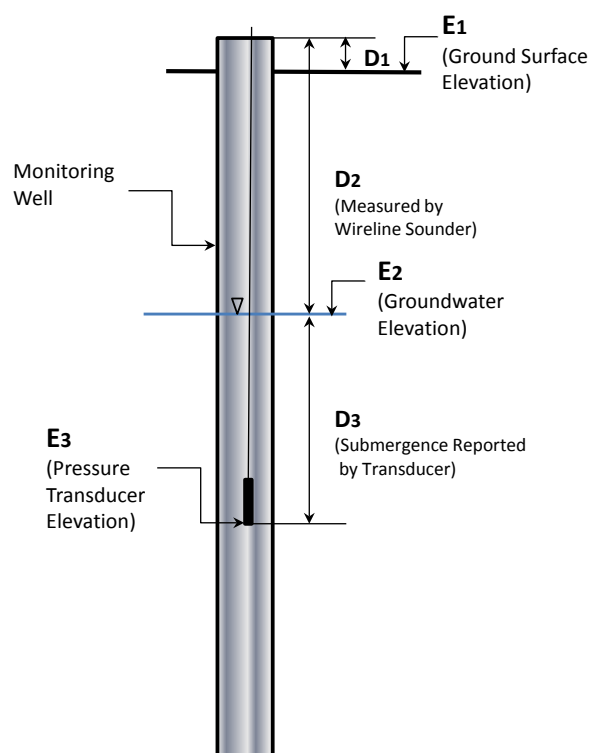
Pressure transducer readings were converted to groundwater elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each time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

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

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

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

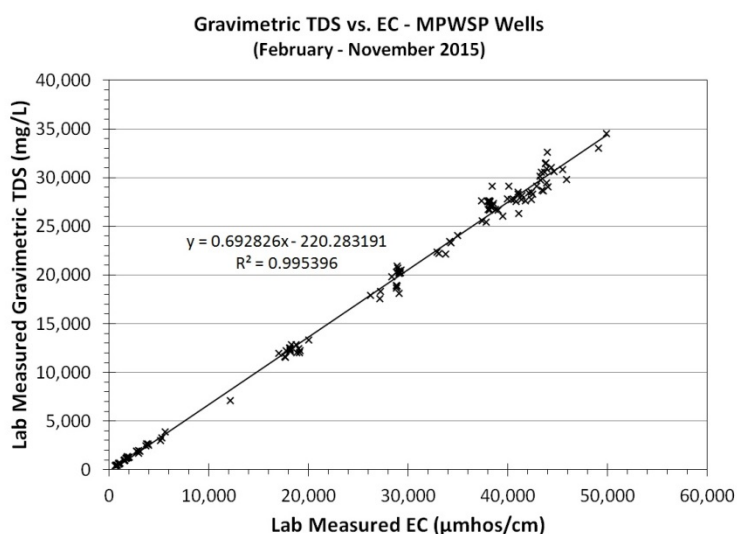
MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RPs were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX South Well, and MRWPCA's Well No. 1 and Well No. 2 ground surface elevations were estimated using Google Earth (see Table 1).



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).

3.0 ESTIMATING TOTAL DISSOLVED SOLIDS FROM ELECTRICAL CONDUCTIVITY (EC) MEASUREMENTS

Estimation of TDS from EC utilizes a conversion factor that is specific to a given water chemistry. Based on the normalized EC value (corrected to 25° C), an EC conversion factor may be used to estimate TDS from the product of the temperature-corrected EC value and the TDS:EC correction factor. The factor is calculated by dividing the laboratory measured EC by the laboratory measured TDS using the gravimetric calculated TDS. Accuracy of the TDS:EC conversion factor is improved through collection of on-going direct



measurements of TDS in groundwater samples using laboratory gravimetric methods. A plot of well specific laboratory measured EC versus TDS from 133 sampling events (from the Test Slant Well and network monitoring wells) collected between February and November 2015 shows a linear relationship (see inset). The equation of which may be used as a general estimate of TDS from measured EC.

3.1 Additional Monitoring Methods

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

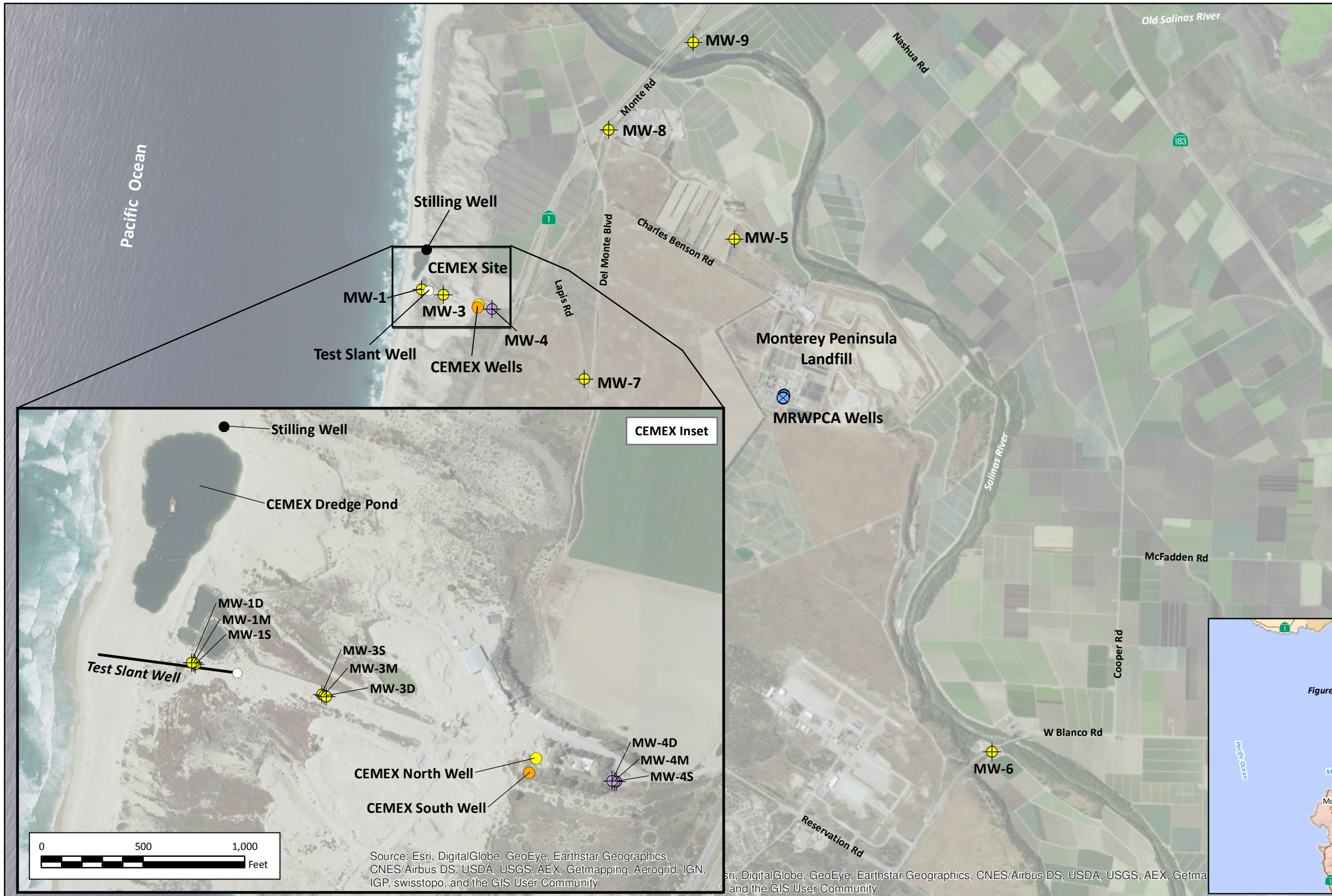
To evaluate conductivity data in the MW-4 series, regular groundwater samples are being collected by pumping and compared to previous samples collected by pumping. During the long term test, weekly samples have been collected at the Test Slant Well and MW-4 through May 27, 2015, while the remaining monitoring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

Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

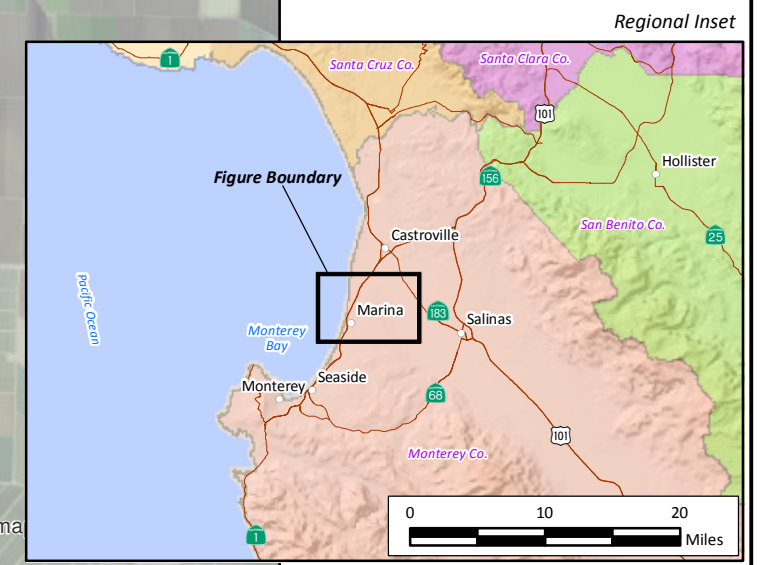
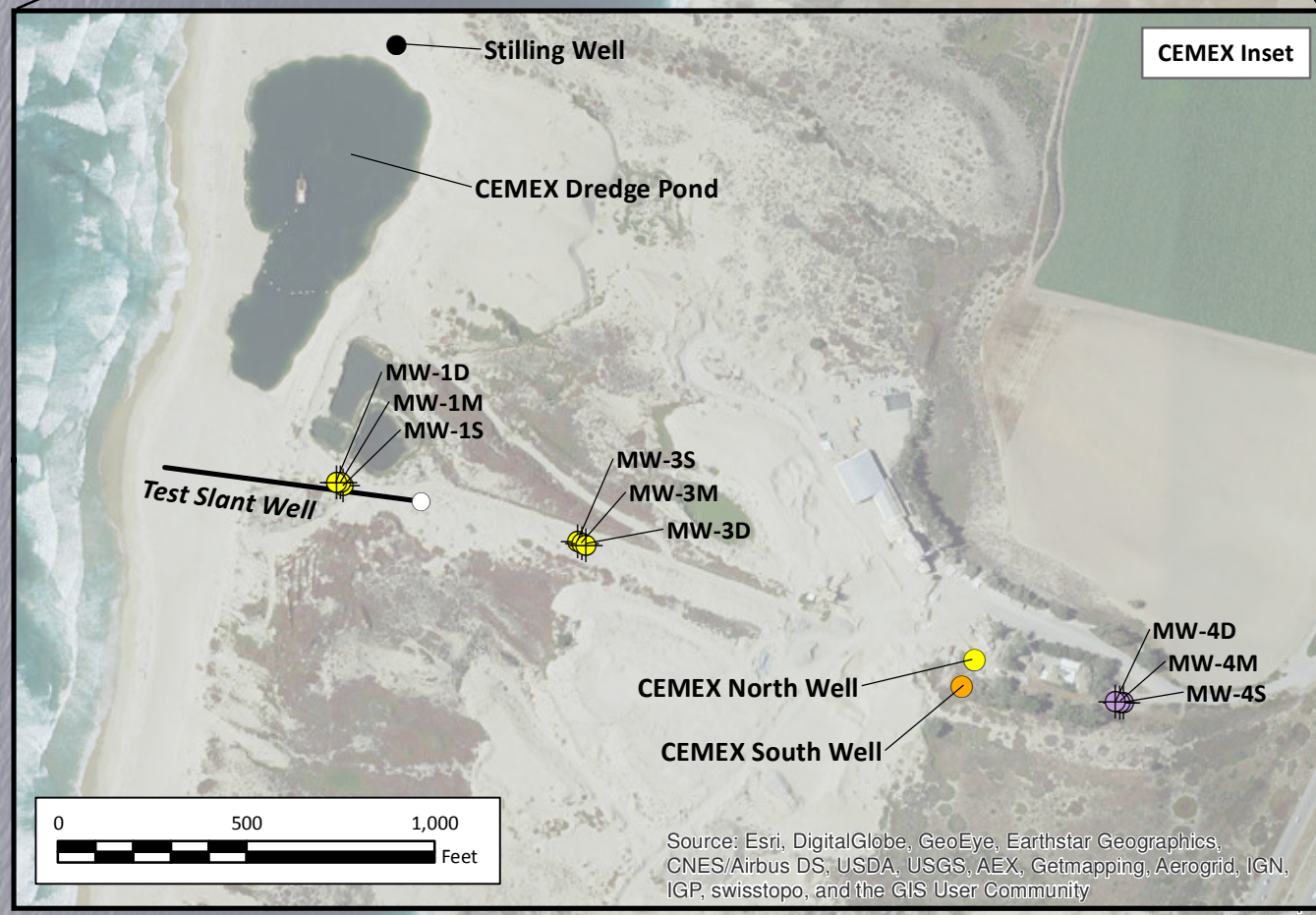
MW-6). MW-3 series and MW-4 series are the closest inland wells from the Test Slant Well (see Figure 1-1) and show a vertical stratification of water quality.

FIGURES

MPWSP GROUNDWATER MONITORING NETWORK



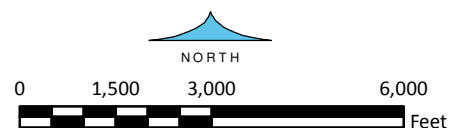
- EXPLANATION**
- Monitoring Well Cluster
 - Compliance Monitoring Well Cluster
 - Inactive Production Well
 - CEMEX Well - Inactive (Monitored)
 - CEMEX Well - Active (Not Monitored)
 - Stilling Well
 - Test Slant Well



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

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

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

Groundwater Elevation in MPWSP MW-1

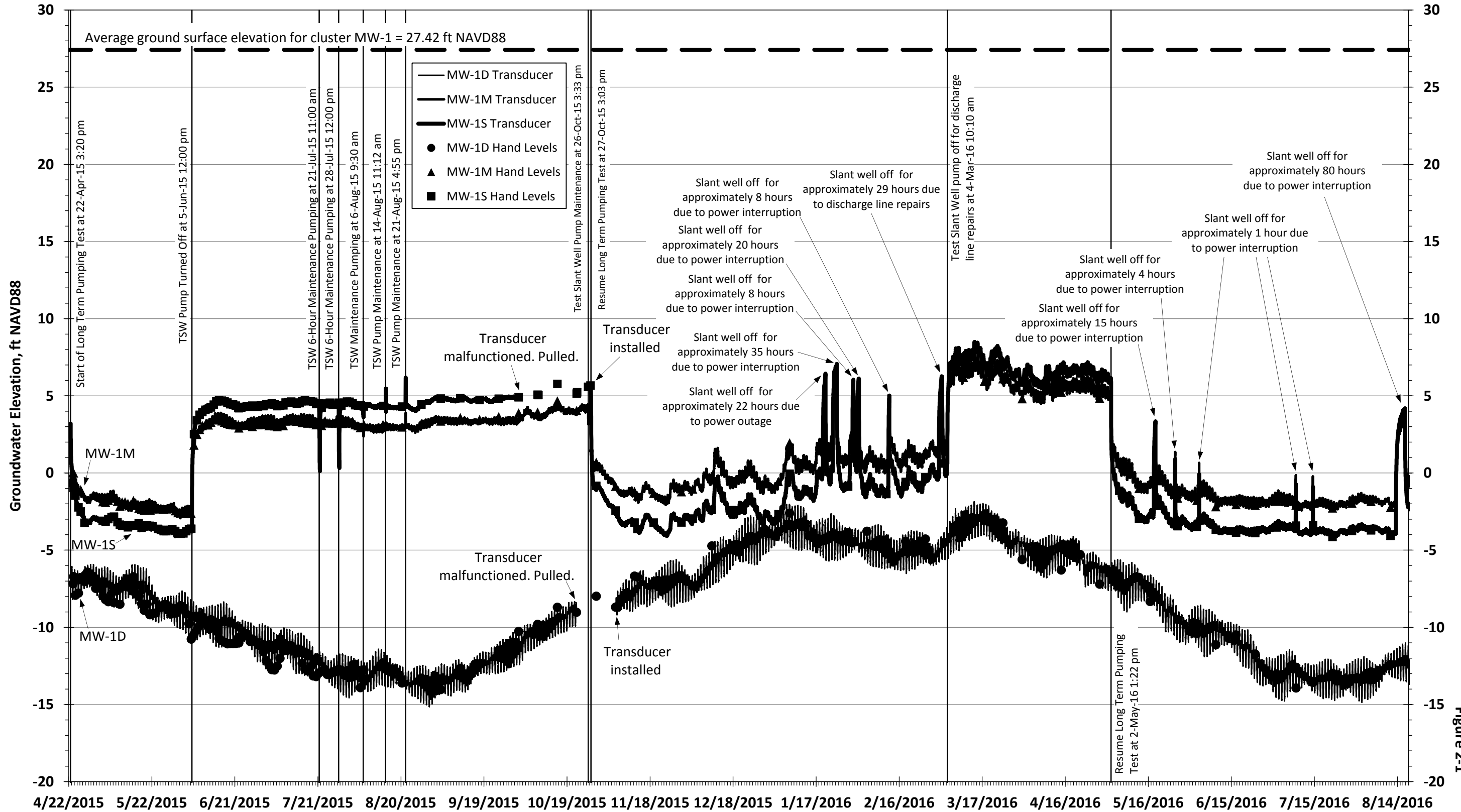


Figure 2-1

Groundwater Elevation in MPWSP MW-3

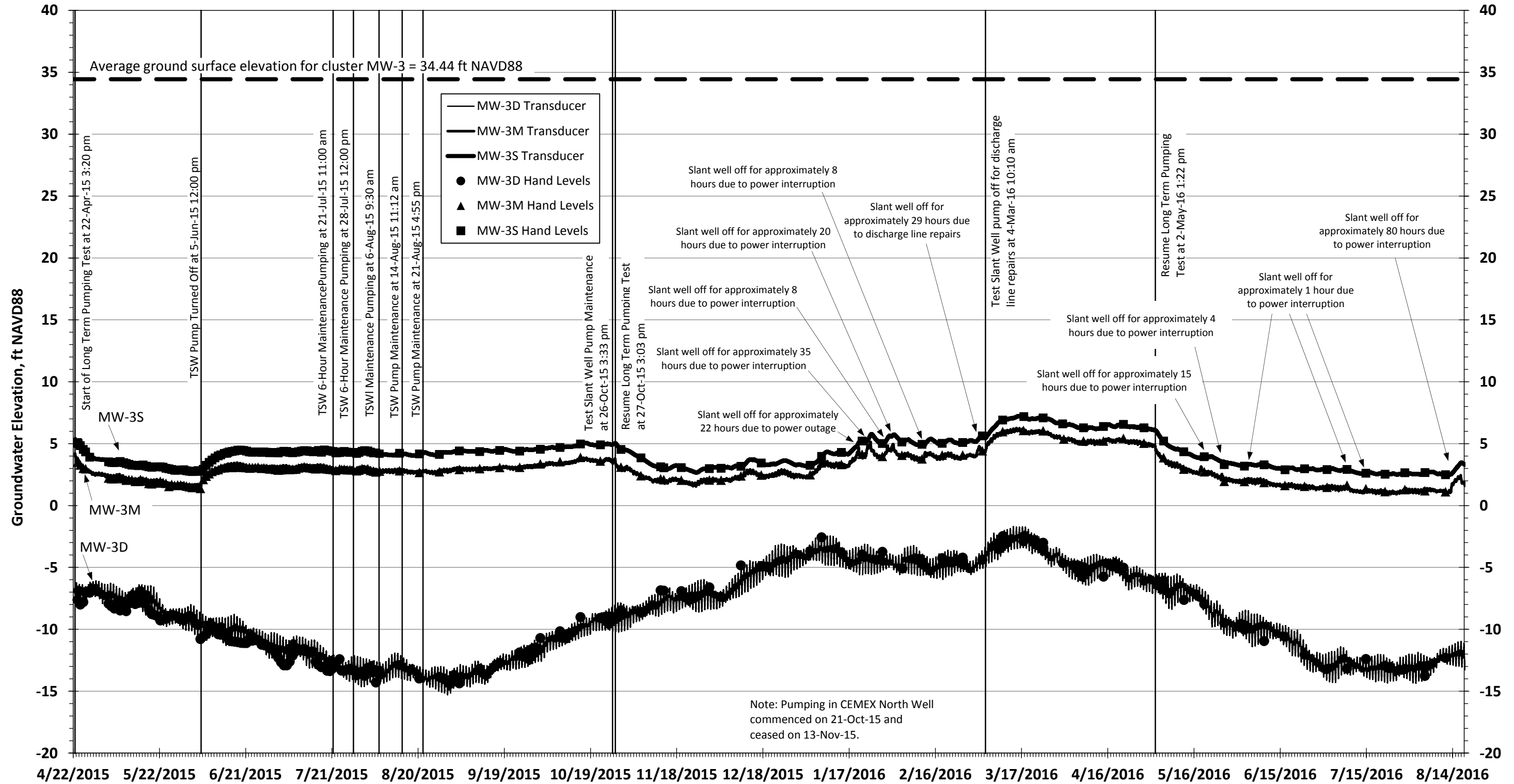


Figure 2-2

Groundwater Elevation in MPWSP MW-4

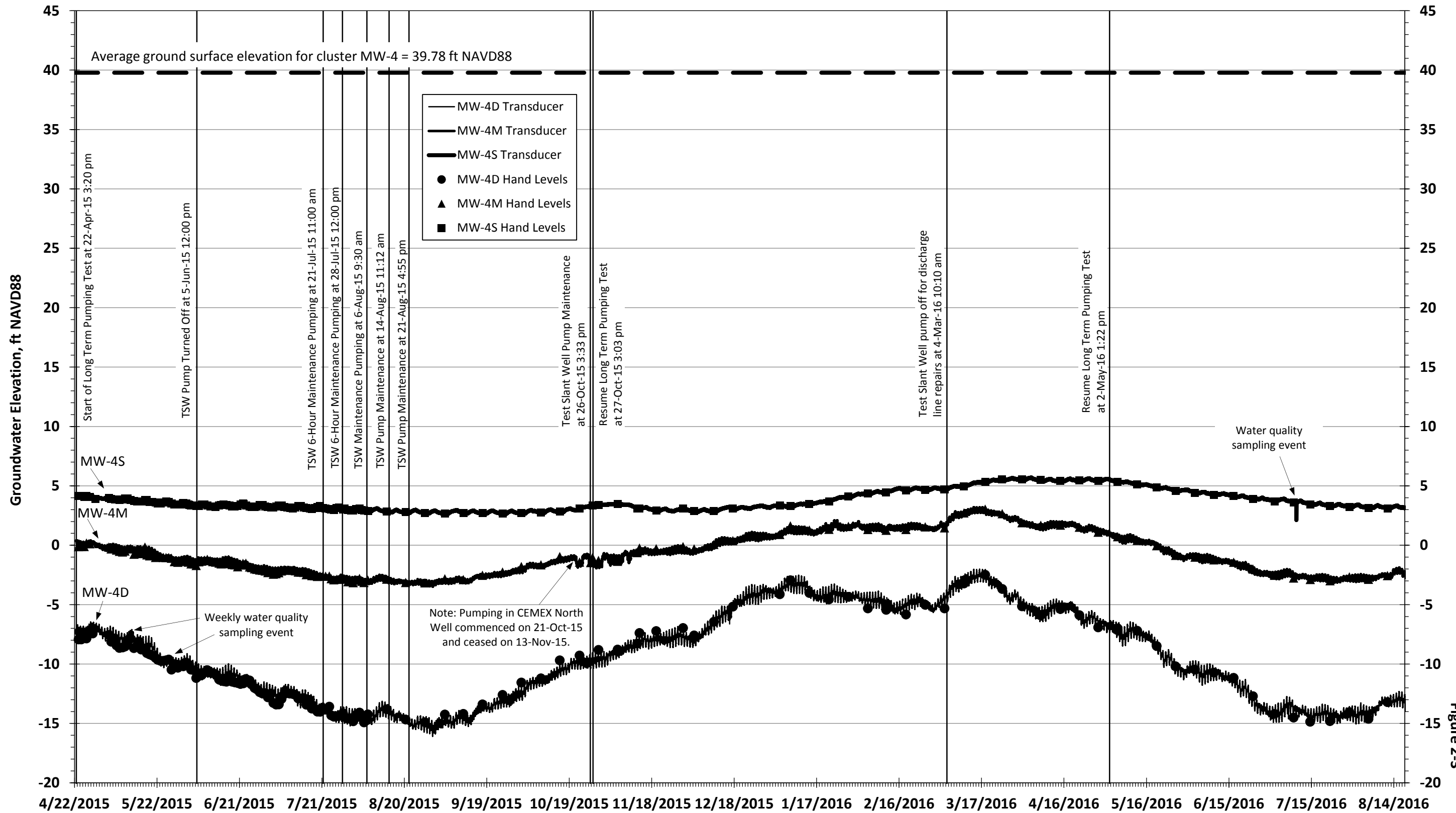


Figure 2-3

Groundwater Elevation in MPWSP MW-5

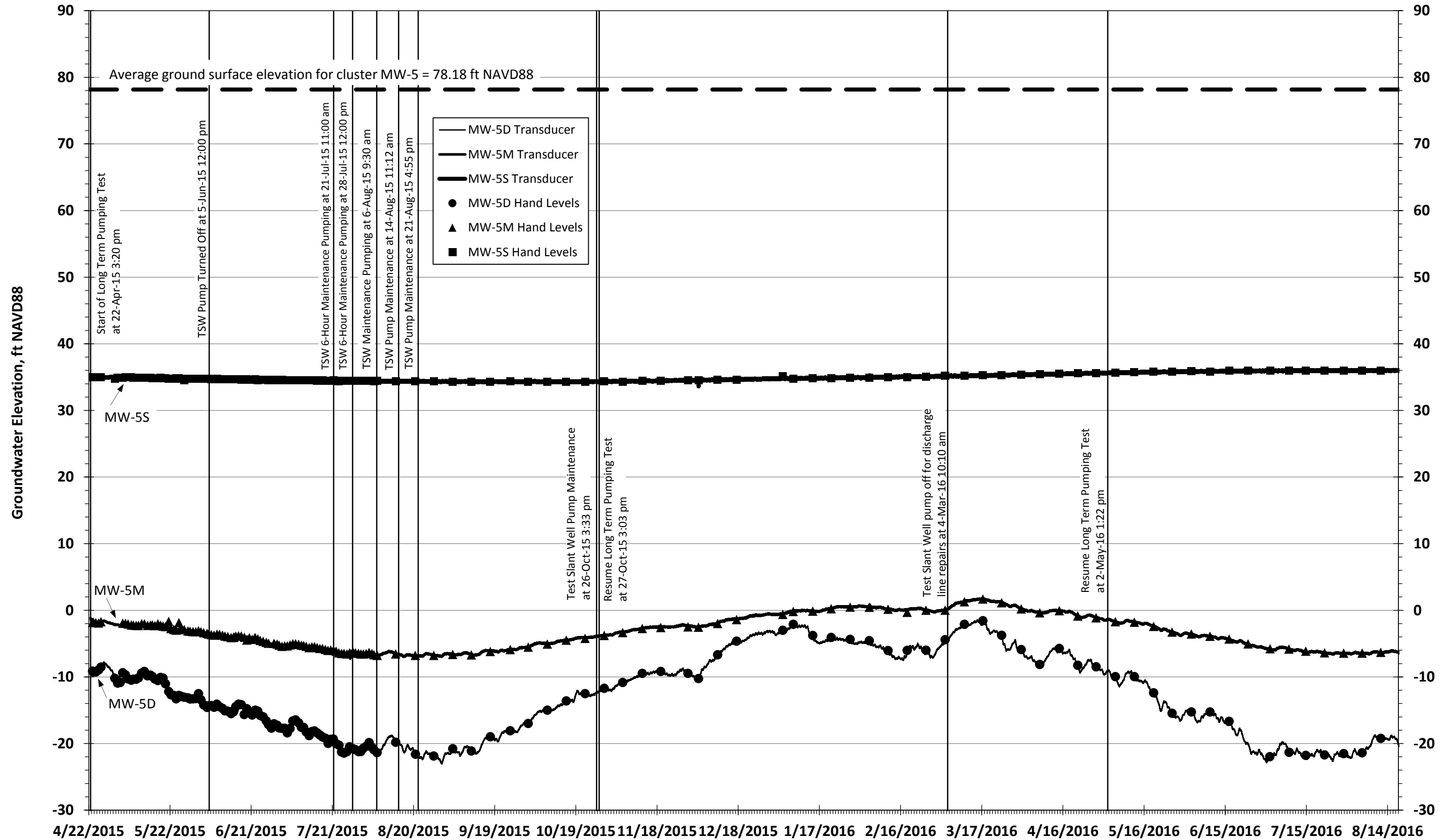


Figure 2-4

Groundwater Elevation in MPWSP MW-6

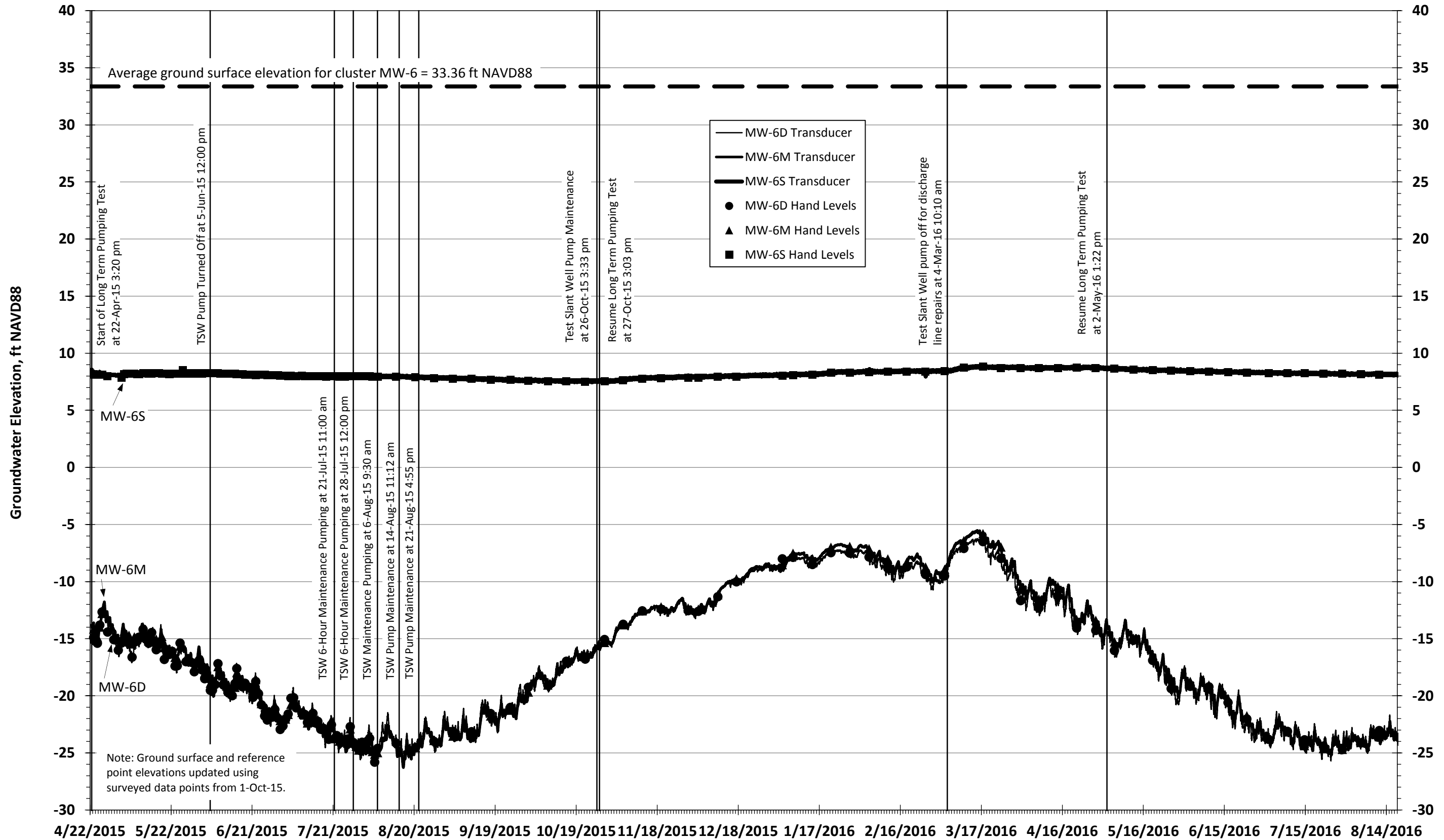


Figure 2-5

Groundwater Elevation in MPWSP MW-7

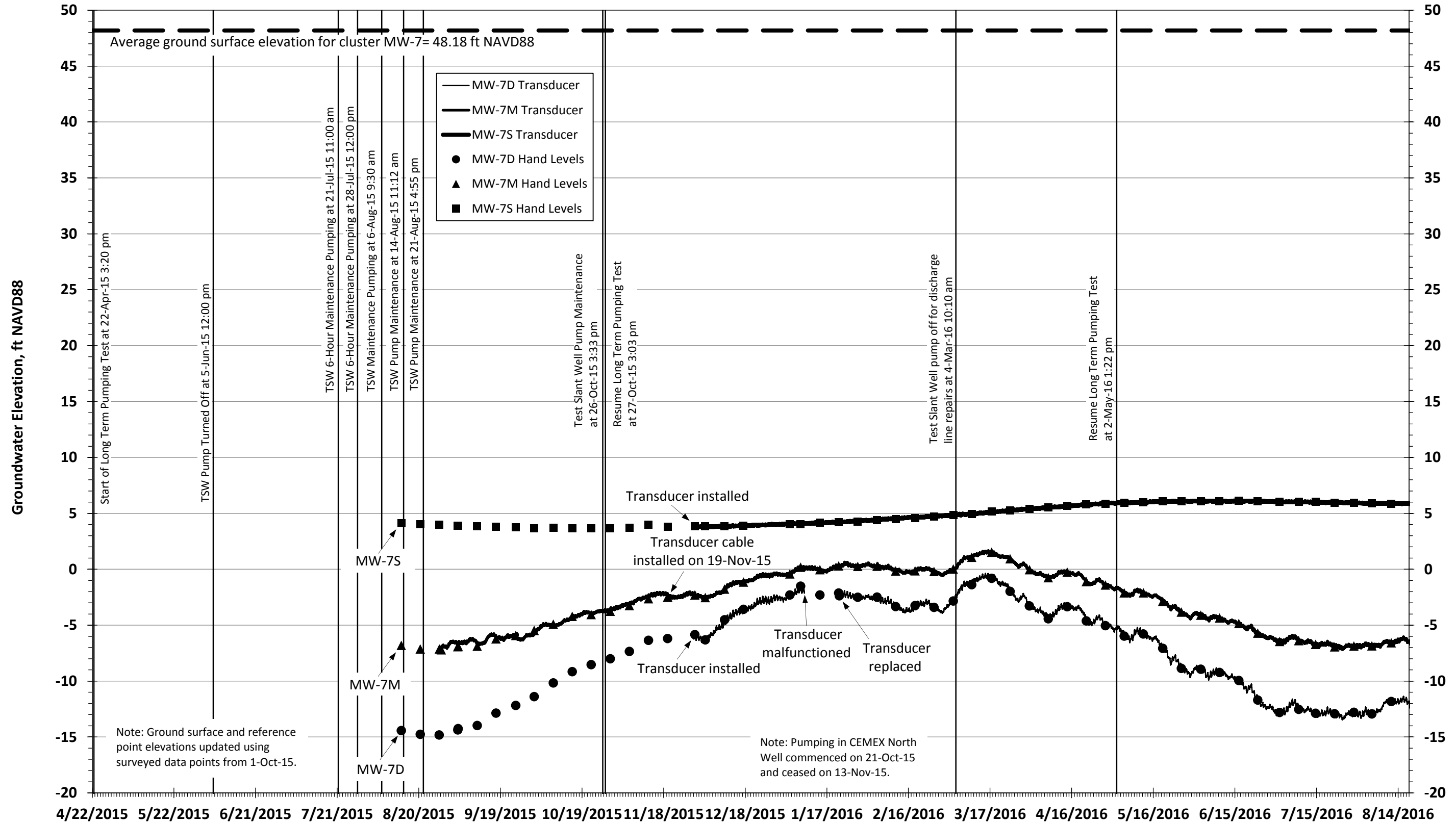


Figure 2-6

Groundwater Elevation in MPWSP MW-8

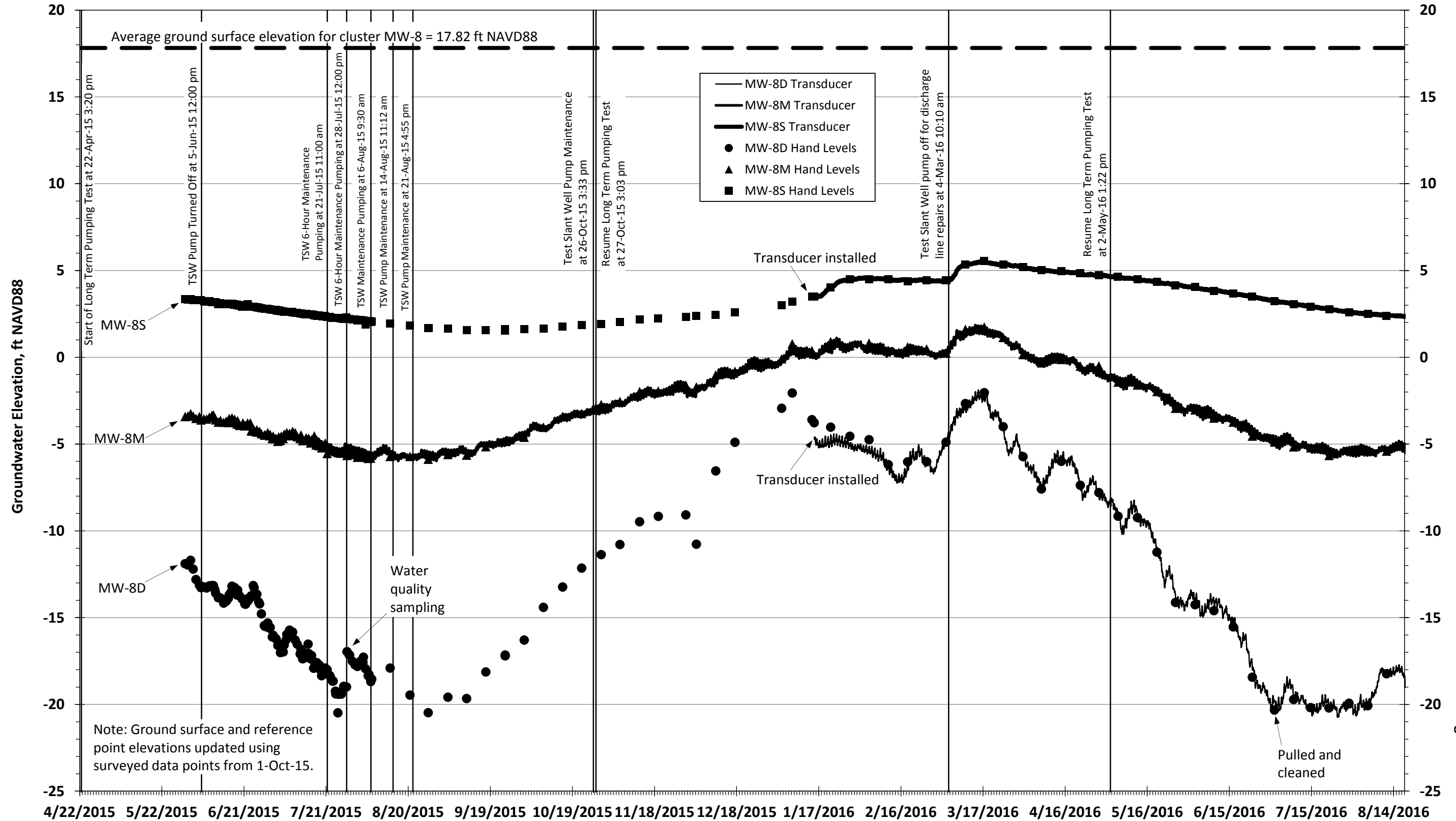
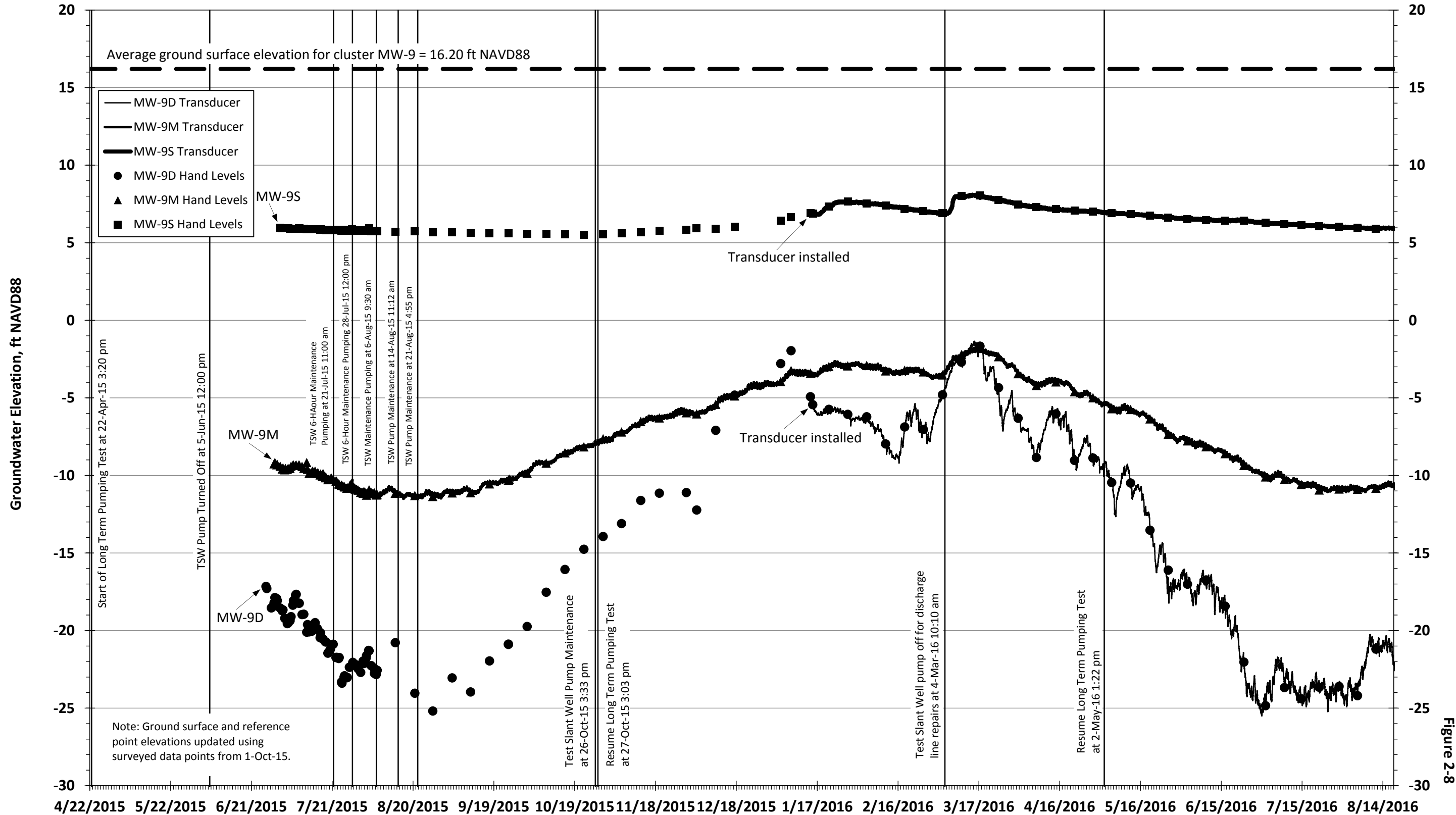


Figure 2-7

Groundwater Elevation in MPWSP MW-9



Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

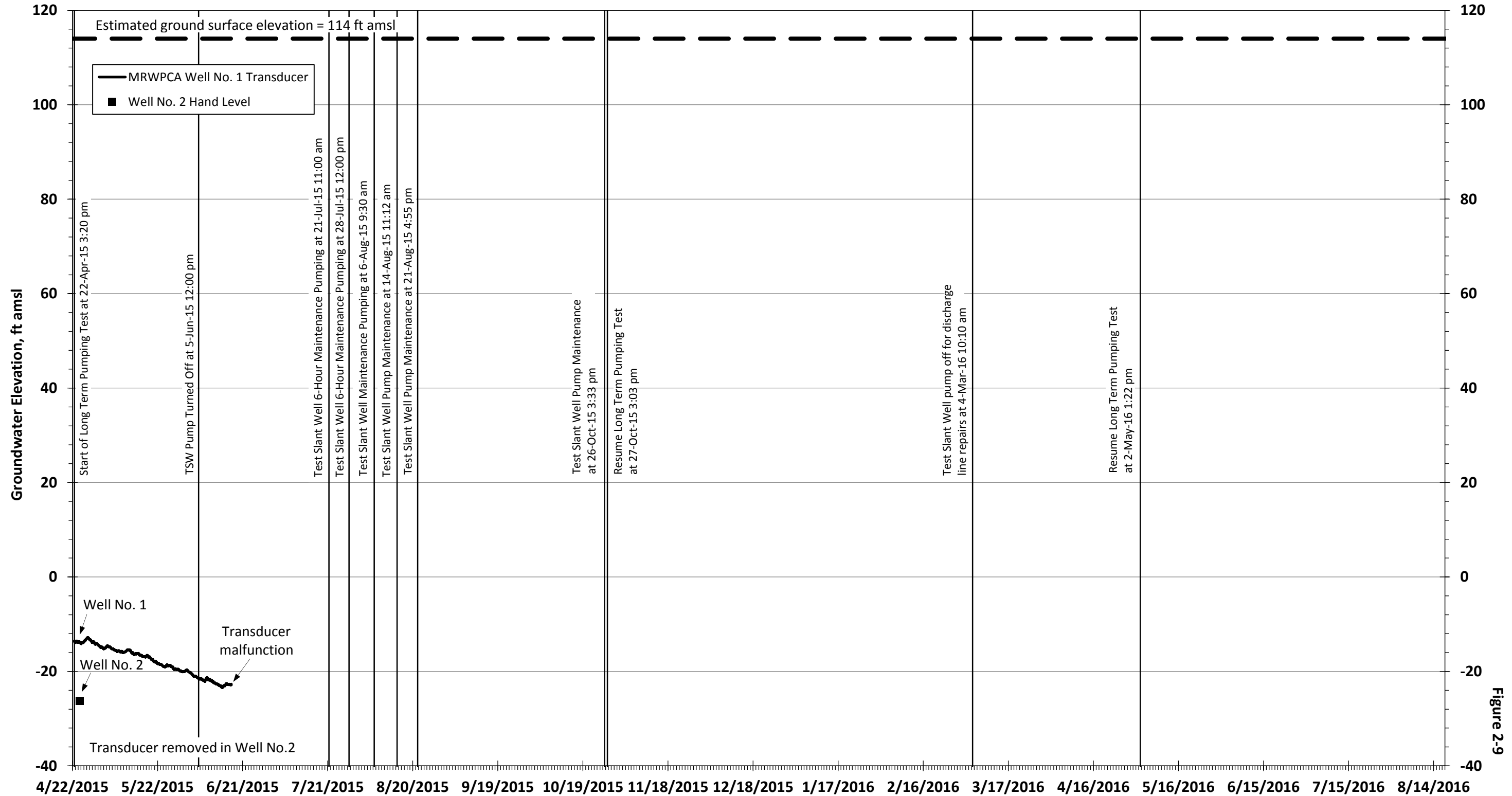


Figure 2-9

Surface Water Elevation in CEMEX Dredge Pond

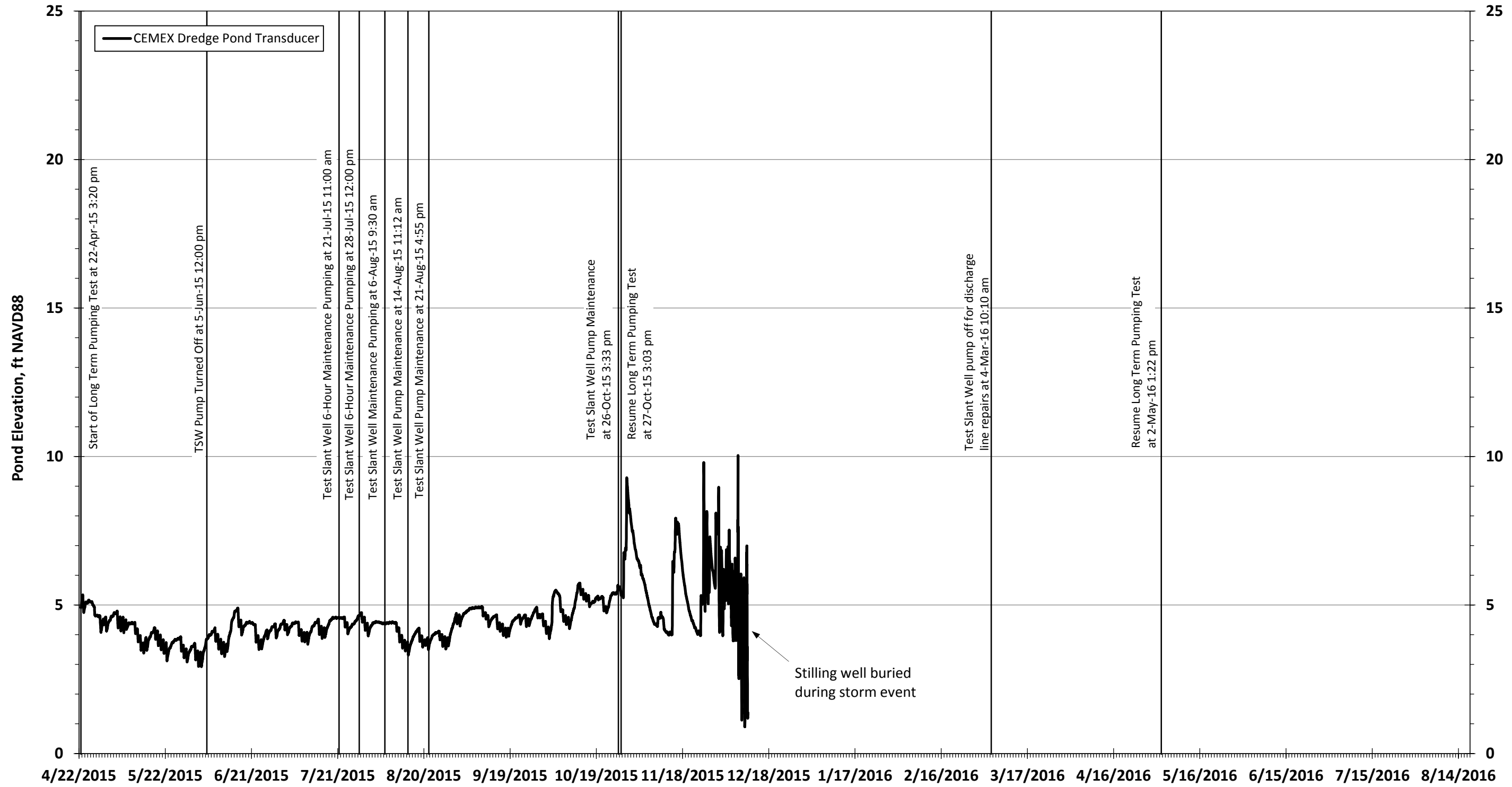


Figure 2-10

Groundwater Elevation in CEMEX North Well

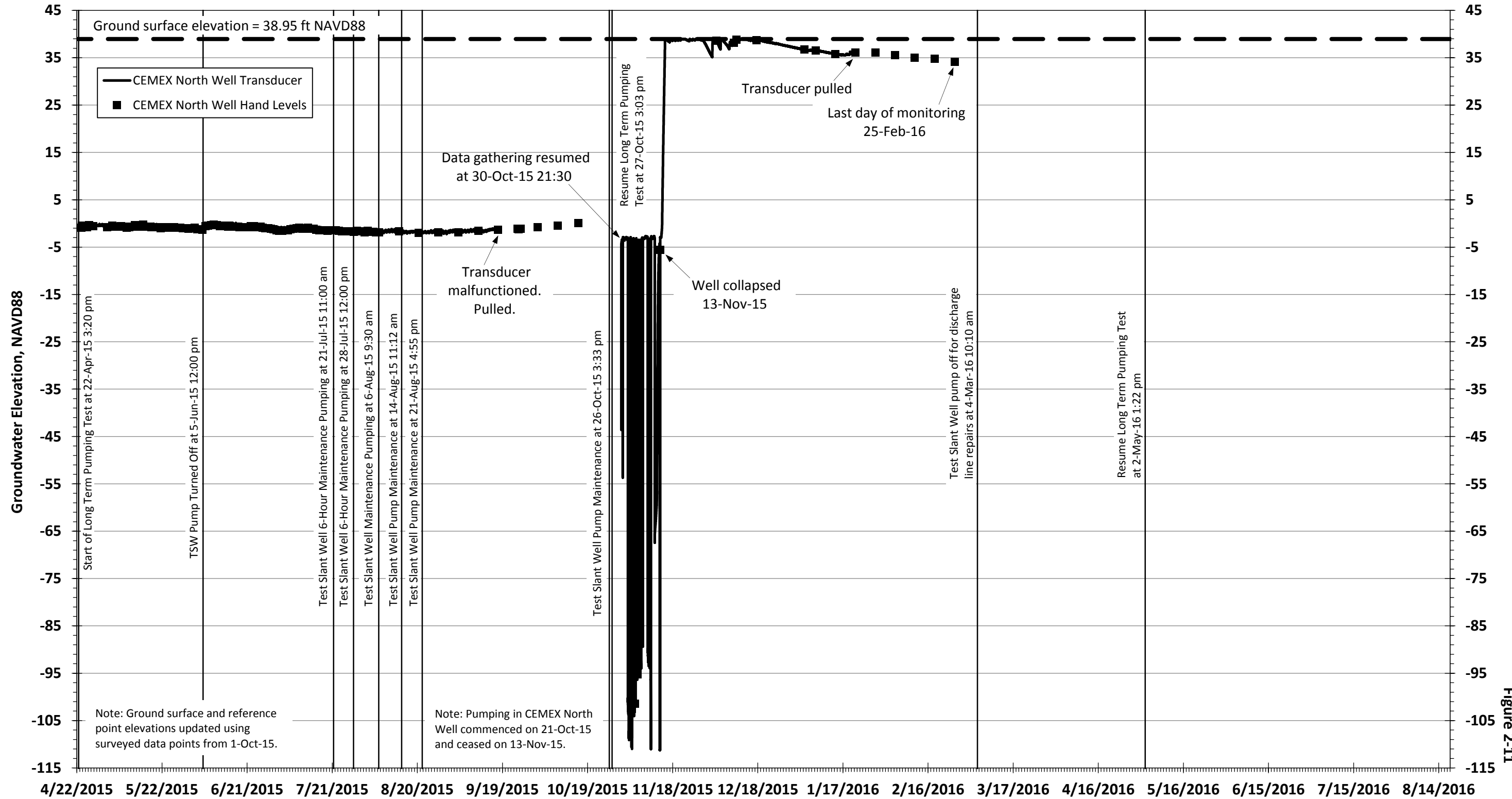
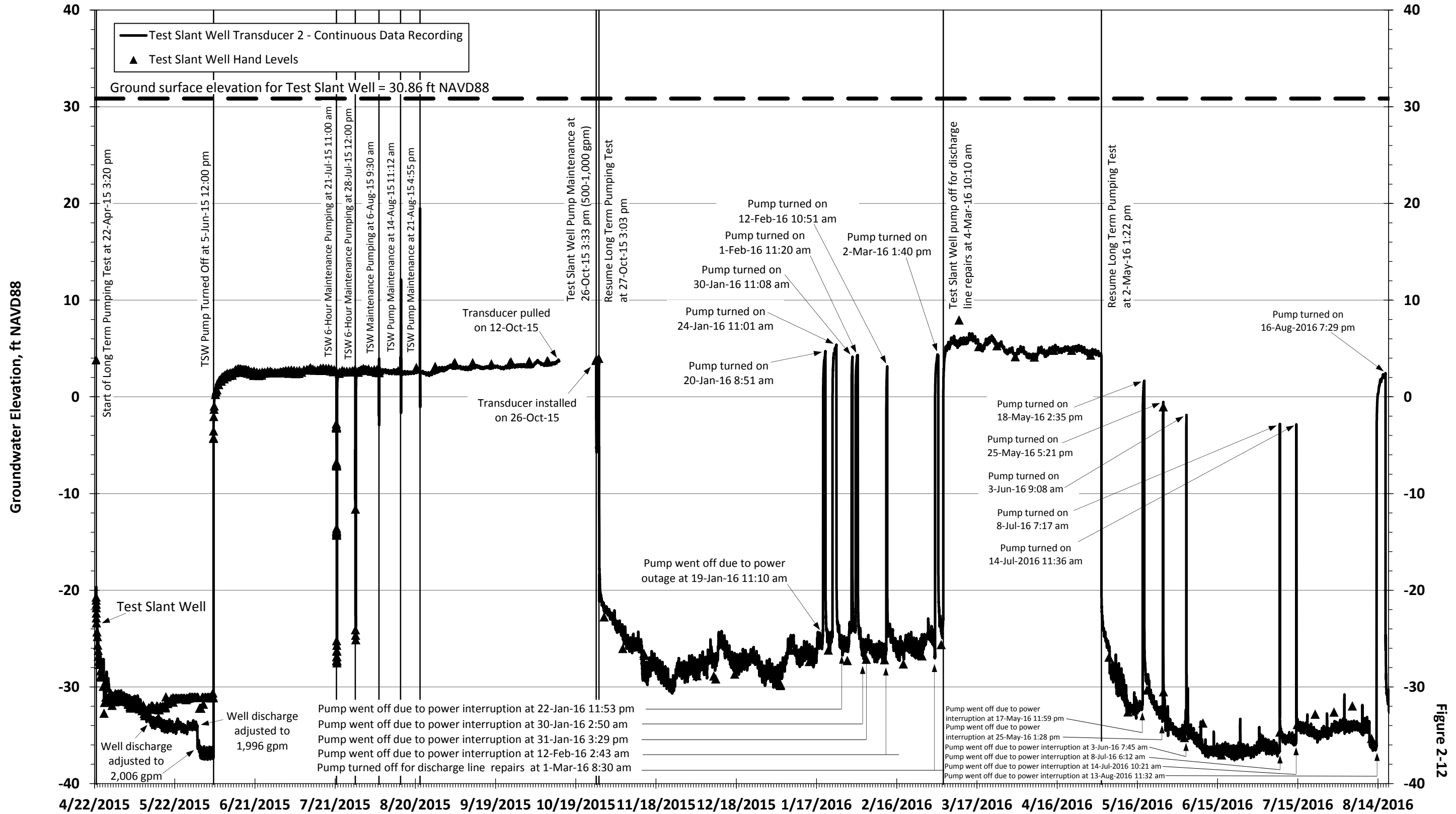


Figure 2-11

Groundwater Elevation in MPWSP Test Slant Well



Specific Conductivity in MPWSP MW-1

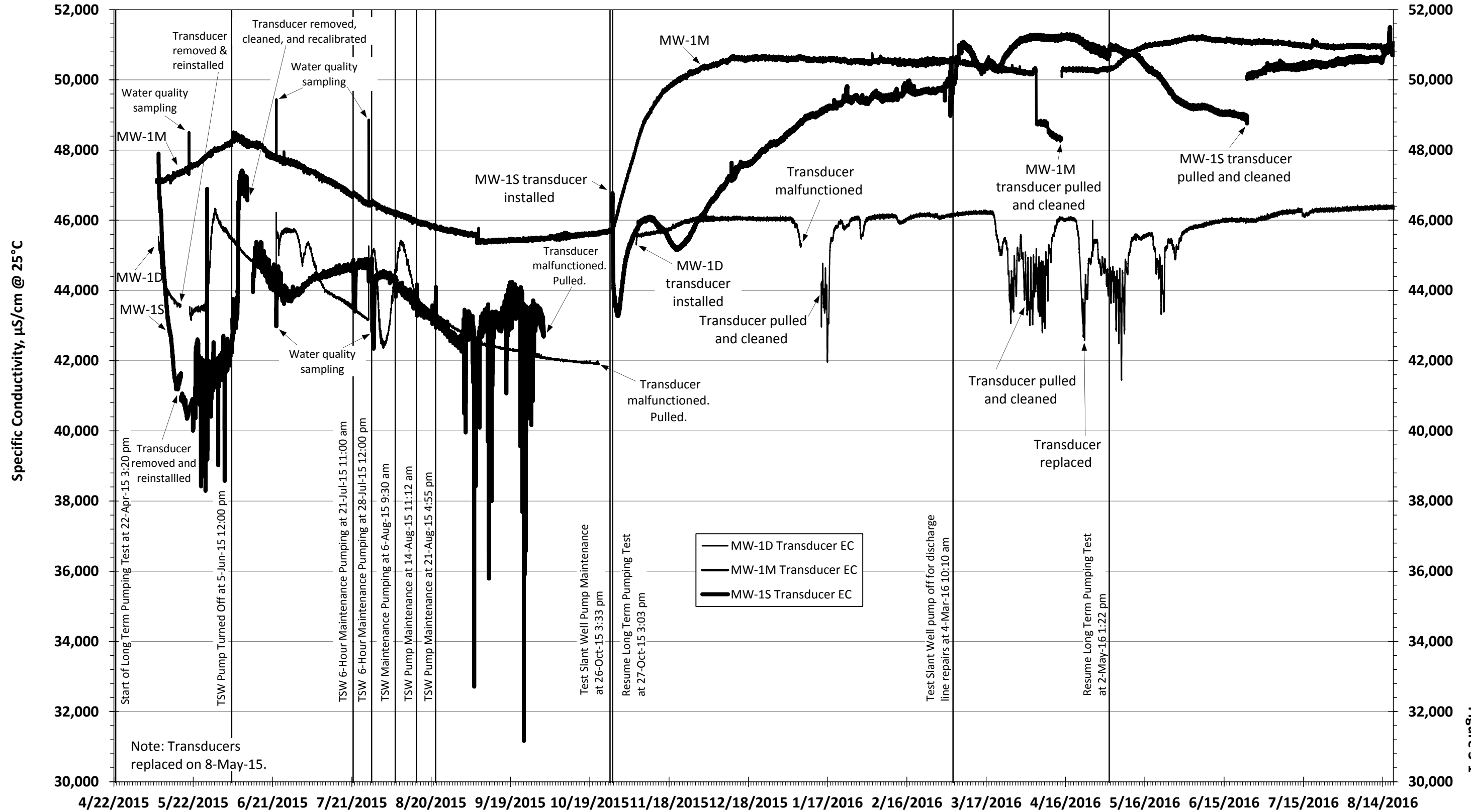


Figure 3-1

Specific Conductivity in MPWSP MW-4

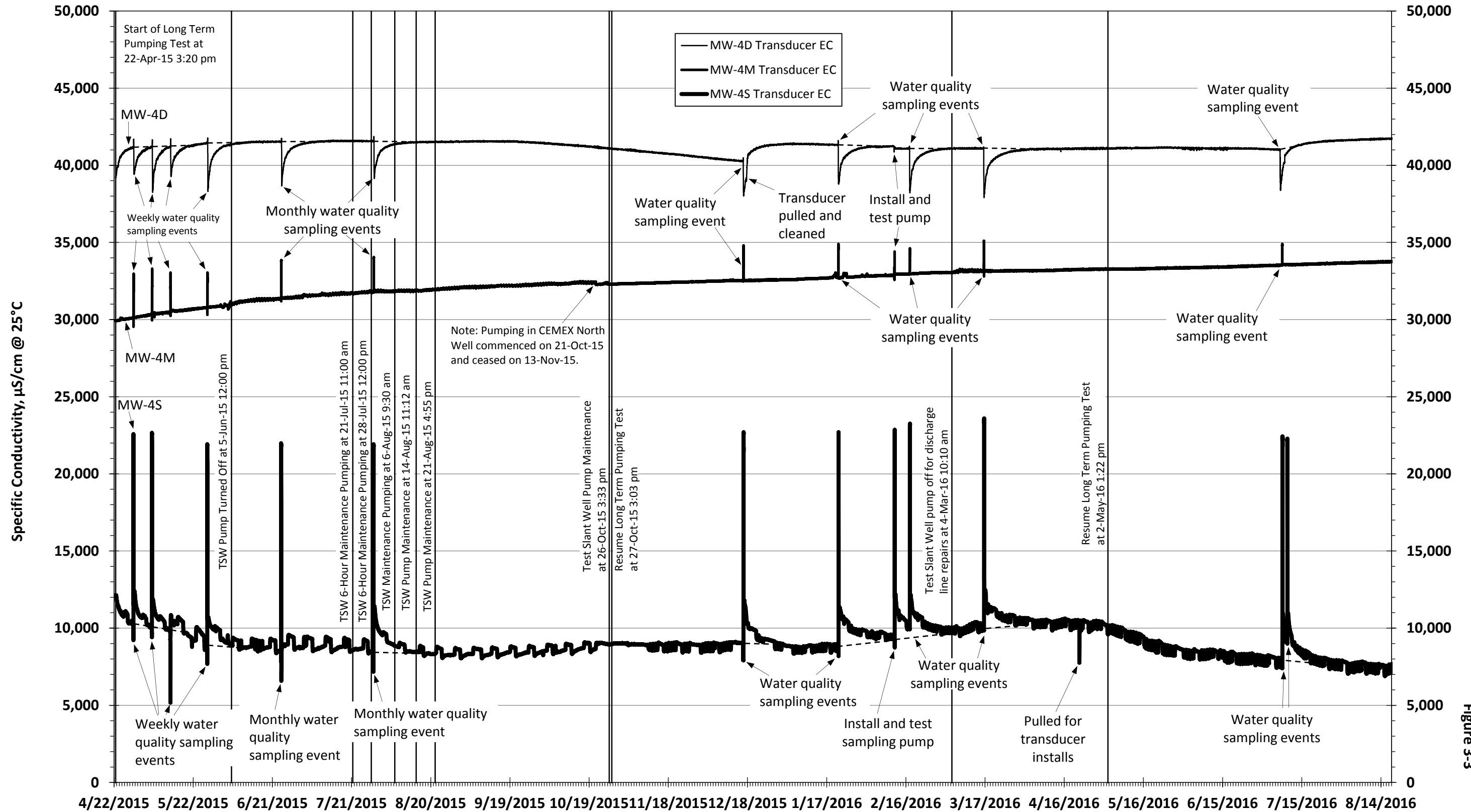


Figure 3-3

Specific Conductivity in MPWSP MW-5

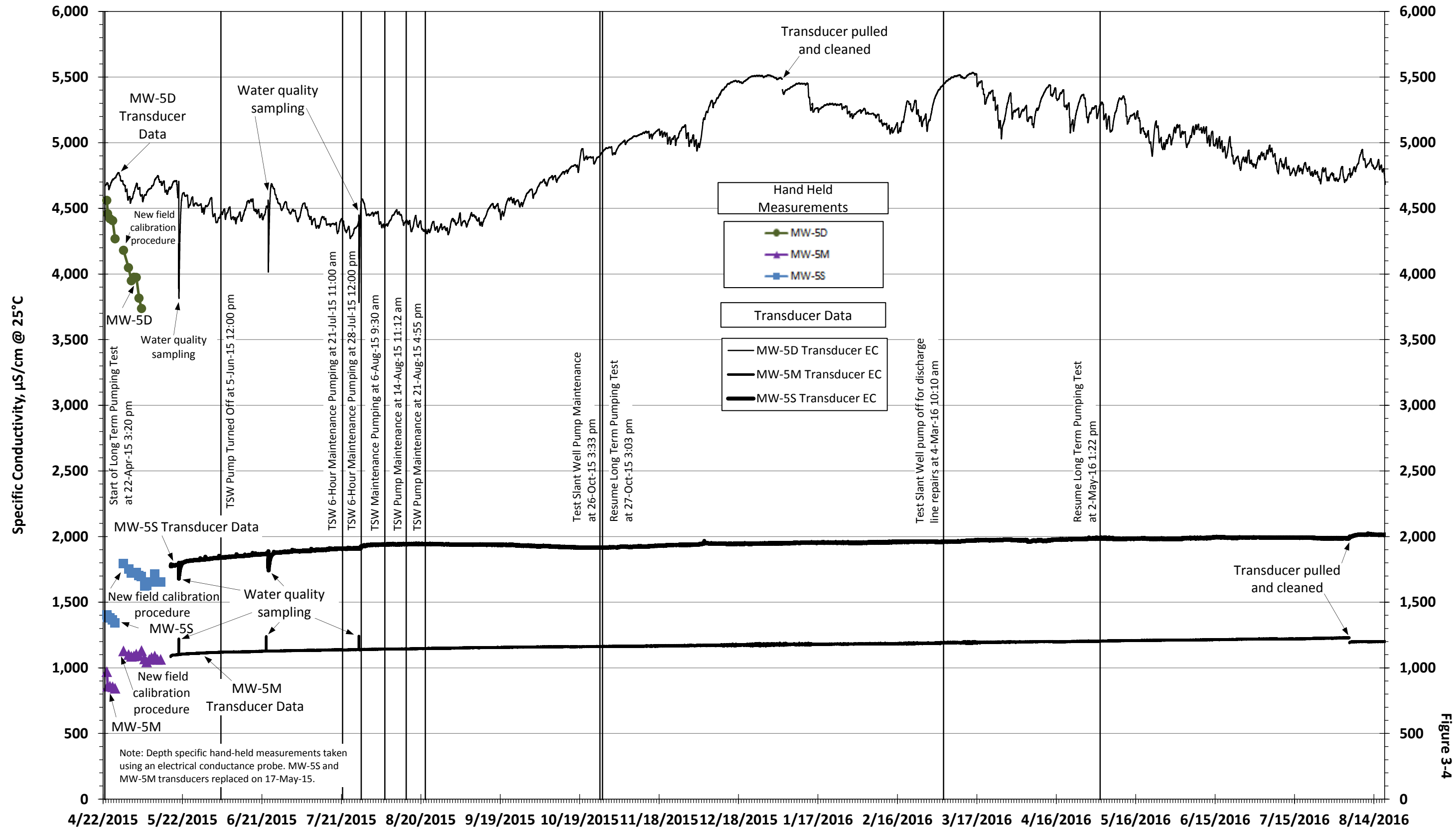


Figure 3-4

Specific Conductivity in MPWSP MW-6

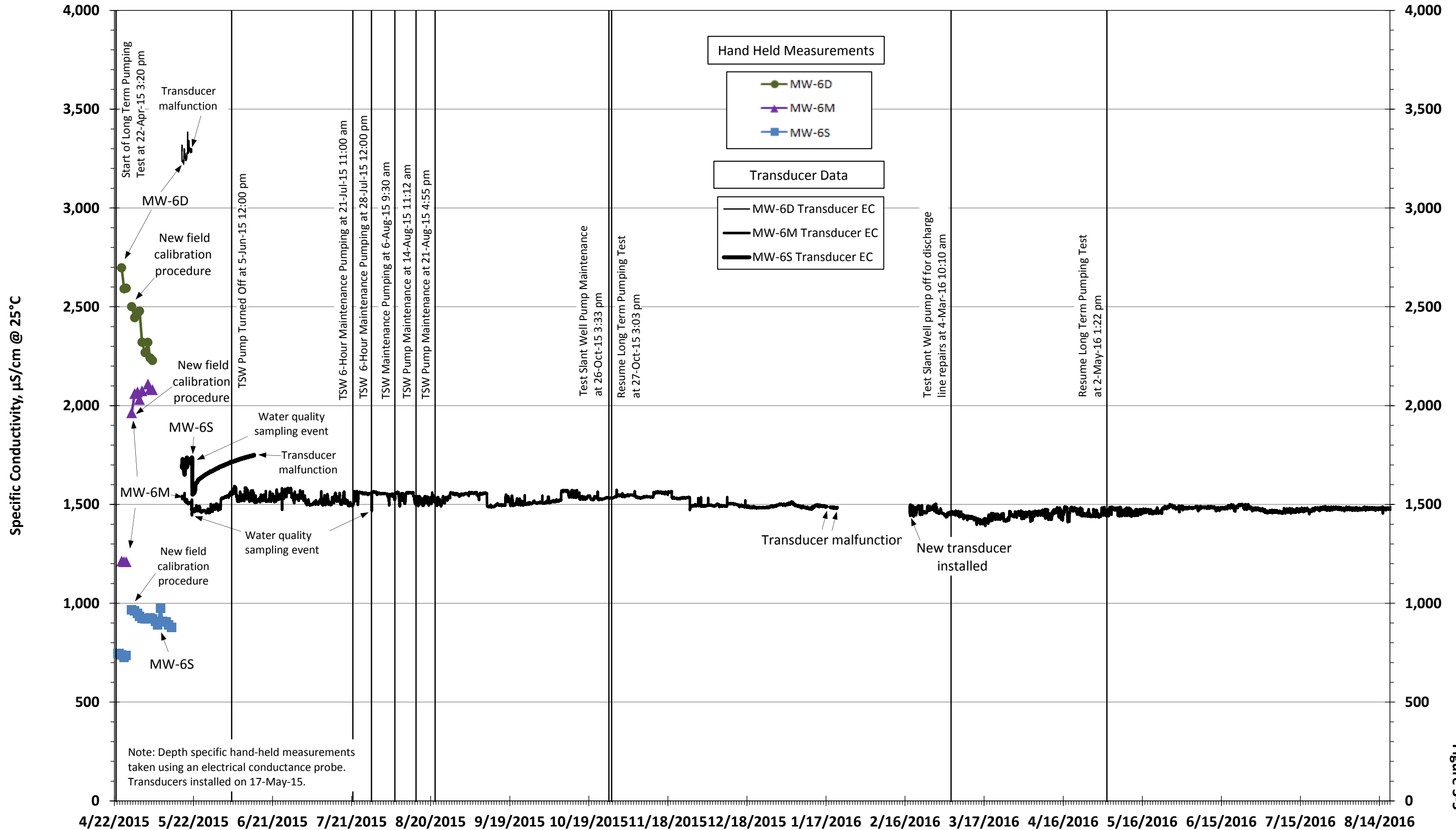


Figure 3-5

Specific Conductivity in MPWSP MW-7

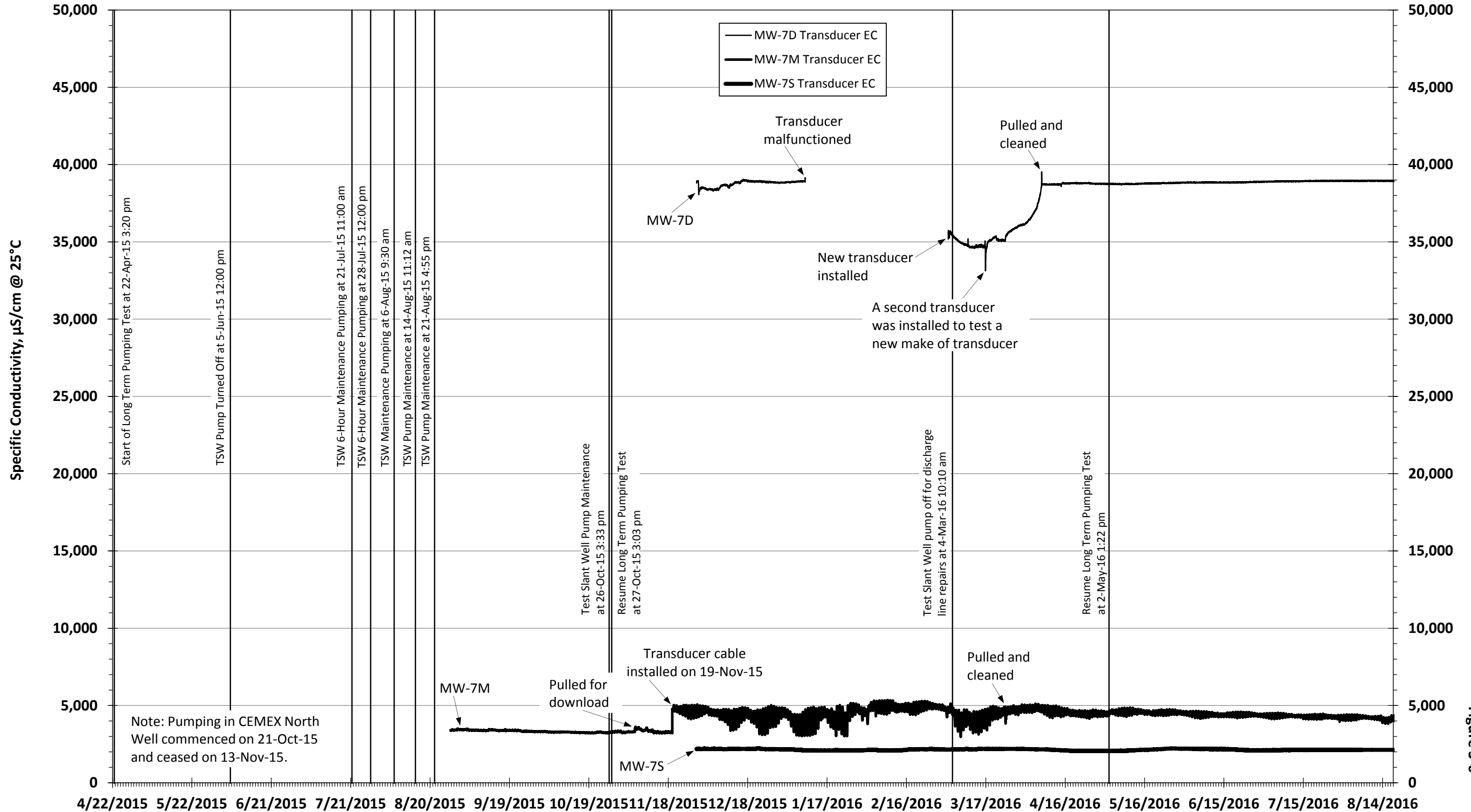


Figure 3-6

Specific Conductivity in MPWSP MW-8

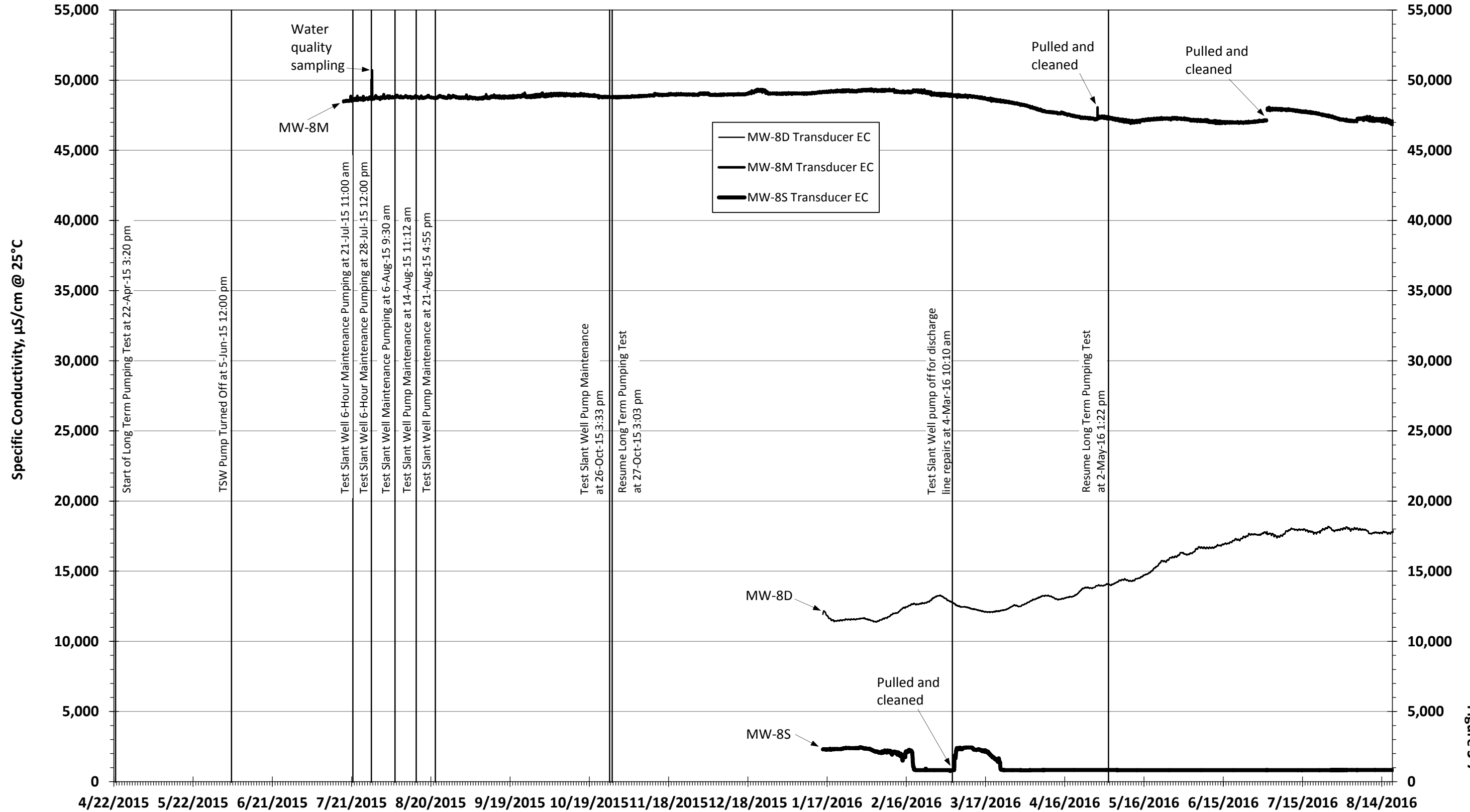


Figure 3-7

Specific Conductivity in MPWSP MW-9

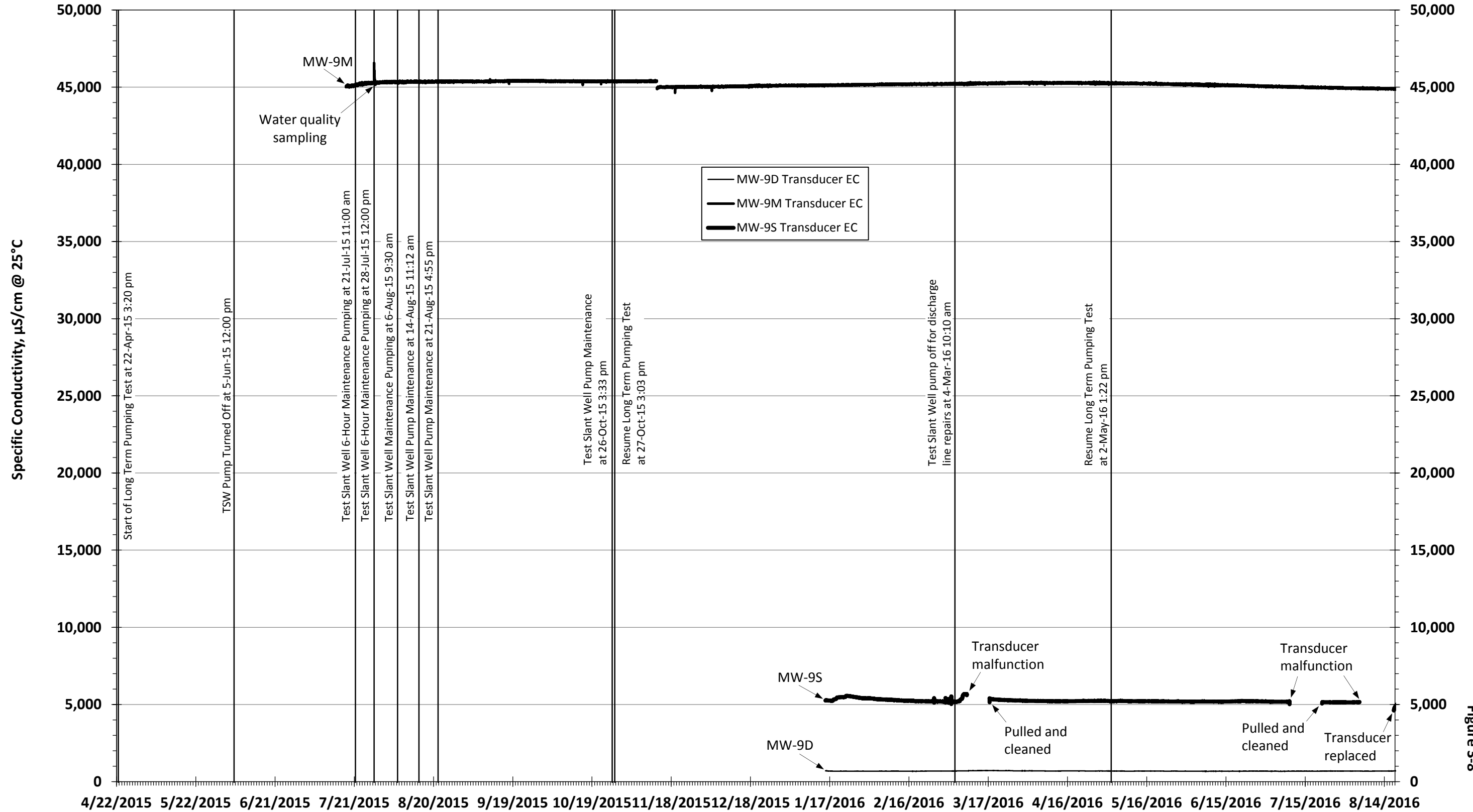


Figure 3-8

Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

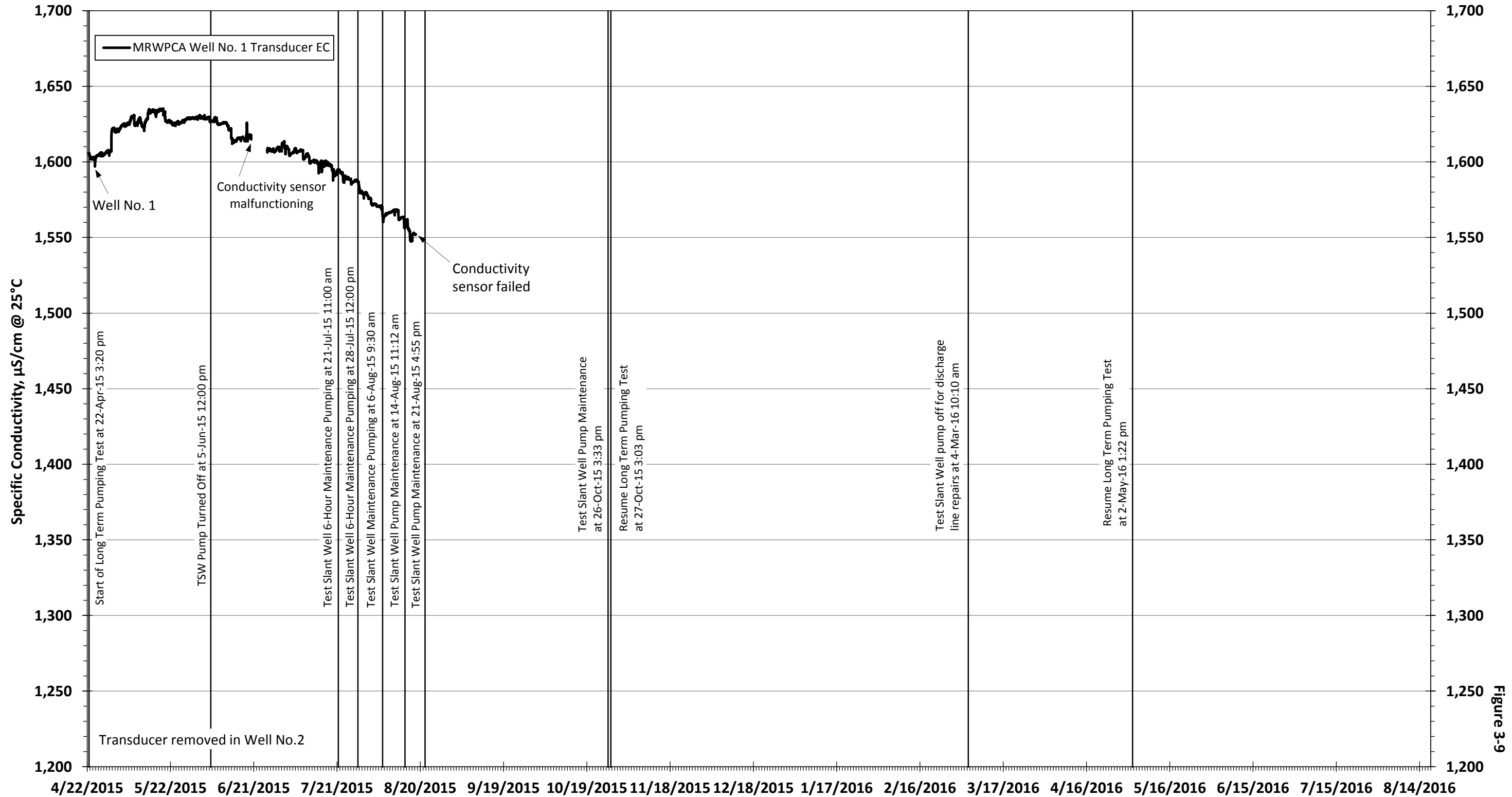


Figure 3-9

Specific Conductivity in CEMEX Dredge Pond

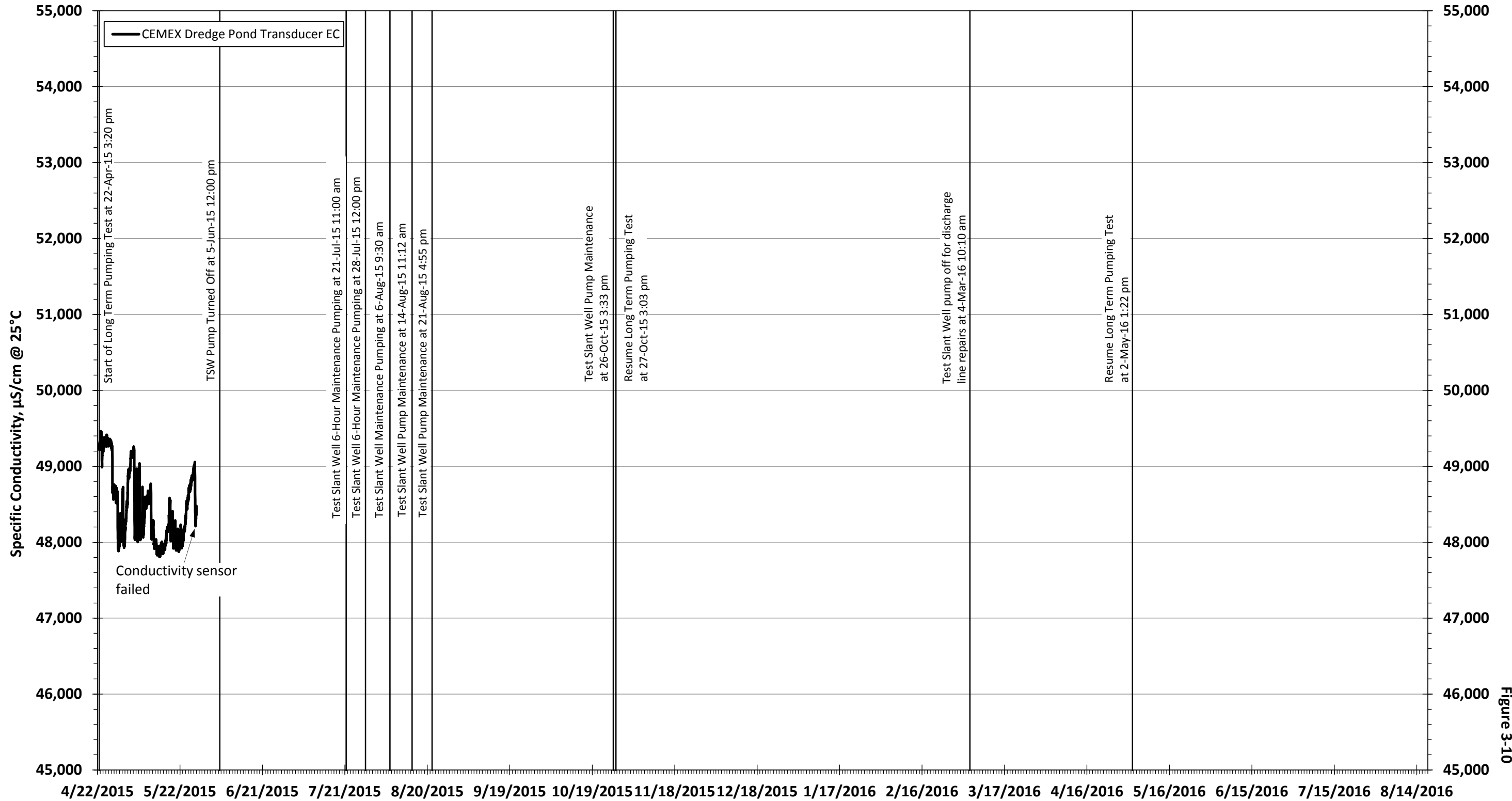


Figure 3-10

Specific Conductivity in CEMEX North Well

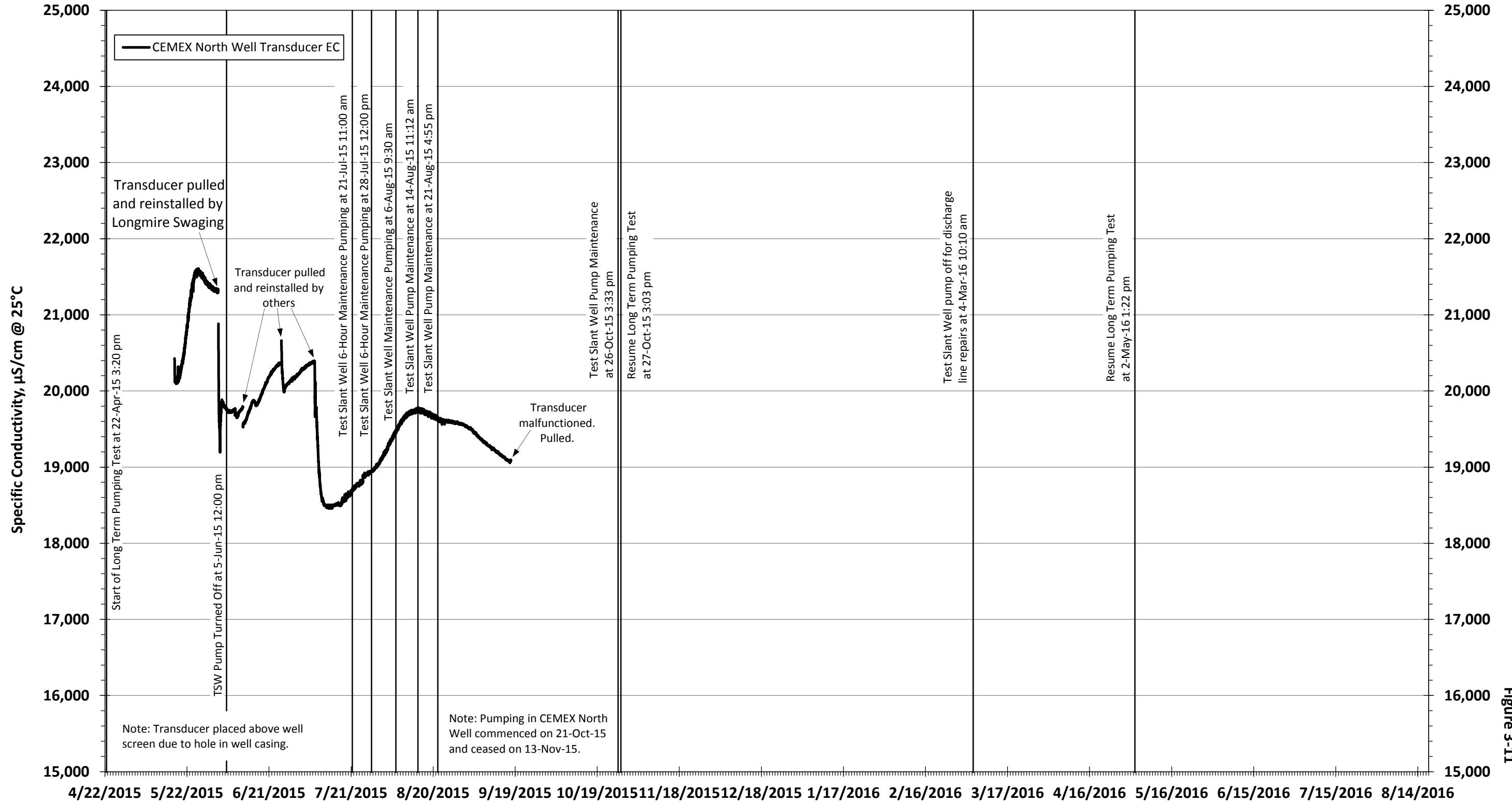


Figure 3-11

Specific Conductivity in MPWSP Test Slant Well

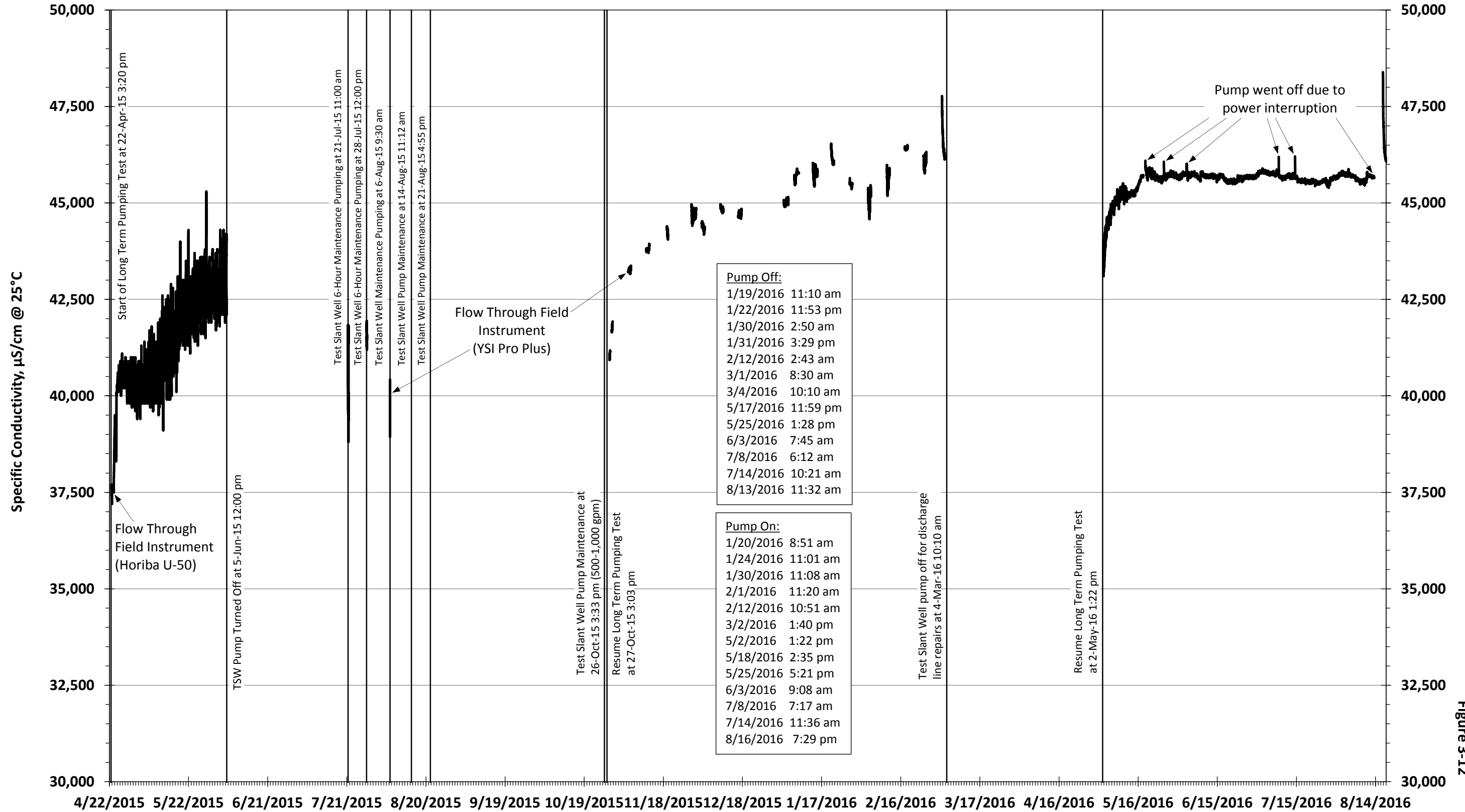


Figure 3-12

TABLES

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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	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6D	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 ¹	21,427	255	325	201	1-Oct-15	22-Apr-15	Level, Conductivity
MW-7S	MW-7	Top of ABS Transducer Mount	2,152,099.25	5,744,148.10	50.64	2.06	5,274	60	80	72	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7M	MW-7	Top of ABS Transducer Mount	2,152,110.46	5,744,146.08	50.29	2.09	5,266	130	220	187	1-Oct-15	13-Aug-15	Level, Conductivity
MW-7D	MW-7	Top of ABS Transducer Mount	2,152,120.50	5,744,144.38	50.24	2.24	5,260	295	345	322	1-Oct-15	13-Aug-15	Level, Conductivity
MW-8S	MW-8	Top of ABS Transducer Mount	2,159,440.33	5,744,871.52	19.96	2.14 ³	7,116	40	80	61	1-Oct-15	30-May-15	Level, Conductivity
MW-8M	MW-8	Top of ABS Transducer Mount	2,159,430.86	5,744,866.05	19.99	2.17 ²	7,106	125	215	181	1-Oct-15	30-May-15	Level, Conductivity
MW-8D	MW-8	Top of ABS Transducer Mount	2,159,421.47	5,744,861.04	20.08	2.10 ³	7,096	300	350	326	1-Oct-15	30-May-15	Level, Conductivity
MW-9S	MW-9	Top of ABS Transducer Mount	2,162,010.77	5,747,345.03	18.42	2.16 ³	10,677	30	110	71	1-Oct-15	1-Jul-15	Level, Conductivity
MW-9M	MW-9	Top of ABS Transducer Mount	2,162,016.58	5,747,353.64	18.32	2.13 ²	10,687	145	225	182	1-Oct-15	29-Jun-15	Level, Conductivity
MW-9D	MW-9	Top of ABS Transducer Mount	2,162,022.89	5,747,362.25	18.32	2.15 ³	10,697	353	393	377	1-Oct-15	26-Jun-15	Level, Conductivity
Well No. 1 ⁴	MRWPCA	Well Cover	2,151,622.14	5,750,015.59	114 ft amsl (GS)	1.60	10,898	260	340	299	-	19-Feb-15	Level, Conductivity
Well No. 2 ⁴	MRWPCA	Well Cover	2,151,550.18	5,749,987.41	115 ft amsl (GS)	1.65	10,892	260	340	319	-	19-Feb-15	Level, Conductivity
CEMEX Dredge Pond	CEMEX	Top of ABS Transducer Mount	2,155,912.41	5,739,497.26	14.14	8.92 [*]	1,212	-	-	-	26-Mar-15	8-Mar-15	Level, Conductivity
Test Slant Well	CEMEX	Near Ground Surface	2,154,702.56	5,739,561.92	30.86	0	0	46 ^{**}	231 ^{**}	305MD	26-Mar-15	1-Apr-15	Level, Conductivity
CEMEX North Well	CEMEX	Well Cover	2,154,284.48	5,741,032.07	39.20	0.25	1,529	244	481	150	1-Oct-15	1-Apr-15	Level, Conductivity
CEMEX South Well ⁴	CEMEX	Ground Surface	2,154,213.90	5,740,998.57	31 ft amsl (GS)	0	1,518	400	506	-	-	-	-

Horizontal Datum: NAD83 State Plane Zone 4
Vertical Datum: NAVD88
* RP height above pond water level 5.22 ft NAVD88 (8-11 am 26-Mar-15)
** Top of 18 in. screen = 140 ft x Sin(19) = 46 ft TVD, Bottom of 14 in. screen = 710 x Sin(19) = 231 ft TVD
¹ RP/elevation change on May 17, 2015 - New caps
² RP/elevation change on July 17, 2015 - New caps
³ RP/elevation change on September 24, 2015 - New caps
⁴ Estimated - not surveyed.
MD: Measured Depth - lineal feet along the angle of the slant well
GS: Ground Surface - approximate ground surface elevation based on Google Earth

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

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

Notes:

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

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

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

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

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

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- µmhos/cm = Micromhos per Centimeter

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

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

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

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

Notes:

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

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

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

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

Constituent	Method	Units	Sample Collection Date:					
			23-Jun-16	30-Jun-16	7-Jul-16	15-Jul-16	21-Jul-16	28-Jul-16
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	113	114	113	114	113	114
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND
Arsenic, Total ¹	EPA 200.8	µg/L	-	-	-	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.33	0.30	0.27	0.27	0.28	0.18
Barium, Dissolved	EPA 200.8	µg/L	ND	ND	ND	ND	ND	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	138	139	138	139	138	139
Boron, Dissolved	EPA 200.7	mg/L	3.46	3.58	3.21	3.18	3.53	3.40
Bromide, Dissolved	EPA 300.0	mg/L	37.3	40.2	50.8	39.8	44.6	52.9
Calcium	EPA 200.7	mg/L	489	510	482	471	559	495
Calcium, Dissolved	EPA 200.7	mg/L	494	515	467	481	531	493
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	17,230	17,425	17,982	16,795	17,100	18,028
Chlorinated Pesticides and PCB (EPA 5)	EPA 508	µg/L	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND	ND	3	ND
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12
Total Anions	Calculation	Meq/L	536.91	541.24	558.08	524.21	532.46	563.12
Dissolved Cations	Calculation	Meq/L	505.36	544.69	514.15	518.34	556.30	517.87
Total Cations	Calculation	Meq/L	495.32	523.17	511.63	499.31	583.22	514.08
Fluoride, Dissolved	EPA 300.0	mg/L	ND	1.2	ND	1	1.1	0.5
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,907	6,009	5,799	5,611	6,531	5,918
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	145	162	128	142	150	135
Magnesium	EPA 200.7	mg/L	1,140	1,150	1,120	1,080	1,250	1,140
Magnesium, Dissolved	EPA 200.7	mg/L	1,150	1,160	1,100	1,090	1,200	1,140
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	3	3	3	3	3	4
Nitrate+Nitrite as N	EPA 300.0	mg/L	0.7	0.7	0.7	0.7	0.7	0.8
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.11	0.10	0.11	0.10	0.10
pH (Field Test)	SM4500-H+B	pH	7.17	7.11	7.14	7.65	7.10	7.10
pH (Laboratory)	SM4500-H+B	pH (H)	7.3	7.2	7.3	7.2	7.2	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.10	0.09	0.09	0.09	0.05	0.14
Potassium	EPA 200.7	mg/L	262	276	262	279	317	273
Potassium, Dissolved	EPA 200.7	mg/L	264	282.9	260.2	276	305	277.1
QC Ratio TDS/SEC	Calculation	-	0.69	0.65	0.68	0.66	0.68	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-	-	-	-
Salinity	SM2520B	psu	29.3	29.4	29.7	29.3	29.1	29.1
Silica as SiO2, Dissolved	EPA 200.7	mg/L	10	16	14	12	14	9.0
Sodium	EPA 200.7	mg/L	8,515	9,104	8,936	8,731	10,215	8,933
Sodium, Dissolved	EPA 200.7	mg/L	8,720	9,570	9,050	9,140	9,730	9,020
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,330	45,380	45,800	45,240	45,000	45,070
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	45,663	45,769	45,763	45,620	45,544	45,613
Strontium, Dissolved	EPA 200.8	µg/L	7,438	7,460	7,791	7,147	7,366	7,164
Sulfate, Dissolved	EPA 300.0	mg/L	2,309	2,250	2,299	2,286	2,267	2,476
Temperature (Field)	SM2550	° C	15.9	15.8	15.9	15.9	16.2	16.1
Total Diss. Solids	SM2540C	mg/L	31,300	29,700	31,000	29,800	30,700	30,900
Turbidity	EPA 180.1	NTU	0.15	0.30	0.20	.10	0.30	0.25
Turbidity (Field)	EPA 180.1	NTU	0.34	0.26	0.21	0.16	0.17	0.33
Volatile Org. Compounds (524)	EPA 524	µg/L	-	-	-	-	-	-
Zinc	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND
Zinc, Total	EPA 200.8	µg/L	-	-	-	-	-	-
PCBs, Total	EPA 508	µg/L	-	-	-	-	-	-
Total PCB	EPA 1668C	pg/L	-	-	-	-	-	-

Notes:

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

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

APPENDICES

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

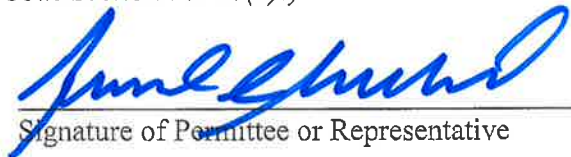
Acknowledgment:

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
10-August-16 - 17-August-16



Report Date: 8/19/2016 12:28:50 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1D LT Test_2016-08-18_11-13-23-209-BaroMerge.wsl
Create Date: 8/19/2016 12:27:41 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
4/21/2016 4:57:02 PM	Used Battery: 2% Used Memory: 1% User Name: ELinden
4/22/2016 10:32:18 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: SKuiper Interval - Start Time:
4/21/2016 6:00:00 PM	Stop Time: 4/22/2016 11:30:00 AM
4/28/2016 10:59:03 AM	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar Interval - Start Time:
4/19/2016 5:00:00 PM	Stop Time: 4/28/2016 10:45:00 AM
5/5/2016 12:29:13 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time:
3/31/2016 12:00:00 PM	Stop Time: 5/5/2016 12:30:00 PM
5/12/2016 3:48:01 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time:
5/3/2016 12:00:00 PM	Stop Time: 5/12/2016 5:00:00 PM
5/19/2016 4:19:06 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time:
5/10/2016 12:00:00 PM	Stop Time: 5/19/2016 5:00:00 PM
5/26/2016 2:12:28 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: SKuiper Interval - Start Time:
5/17/2016 6:00:00 PM	Stop Time: 5/26/2016 2:30:00 PM
6/2/2016 2:17:55 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: SKuiper Interval - Start Time:
4/30/2016 10:00:00 PM	Stop Time: 6/2/2016 2:15:00 PM
6/9/2016 10:52:59 AM	Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time:
5/31/2016 5:00:00 AM	Stop Time: 6/9/2016 11:45:00 AM
6/16/2016 5:31:57 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time:
6/7/2016 10:30:00 PM	Stop Time: 6/16/2016 6:15:00 PM
6/23/2016 3:41:29 PM	Log Download - Used Battery: 5% Used Memory: 7% User Name: SKuiper Interval - Start Time:
6/15/2016 10:00:00 PM	Stop Time: 6/23/2016 4:00:00 PM
7/1/2016 9:13:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time:
5/31/2016 10:00:00 PM	Stop Time: 7/1/2016 9:45:00 AM
7/8/2016 9:11:42 AM	Log Download - Used Battery: 6% Used Memory: 9% User Name: SKuiper Interval - Start Time:
6/29/2016 10:00:00 PM	Stop Time: 7/8/2016 9:45:00 AM
7/14/2016 12:33:36 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: ELinden Interval - Start
Time: 7/5/2016 12:00:00 PM	Stop Time: 7/14/2016 1:45:00 PM
7/21/2016 1:47:48 PM	Log Download - Used Battery: 7% Used Memory: 10% User Name: SKuiper Interval - Start Time:
7/13/2016 10:00:00 PM	Stop Time: 7/21/2016 2:15:00 PM
7/28/2016 2:39:17 PM	Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval - Start Time:
7/20/2016 10:00:00 PM	Stop Time: 7/28/2016 3:15:00 PM
8/4/2016 12:00:20 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: SKuiper Interval - Start Time:
6/30/2016 10:00:00 PM	Stop Time: 8/4/2016 12:00:00 PM
8/11/2016 1:48:32 PM	Log Download - Used Battery: 8% Used Memory: 14% User Name: ELinden Interval - Start
Time: 8/3/2016 12:00:00 PM	Stop Time: 8/11/2016 2:45:00 PM
8/18/2016 11:10:51 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 8/10/2016 10:00:00 PM	Stop Time: 8/18/2016 11:00:00 AM
8/19/2016 12:27:41 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 724

Sensors: 2

1 - 438507: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight 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	

SN#: 438507 SN#: 000000	SN#: 438507	SN#: 438507	SN#: 438507	SN#: 438507	
Date and Time	Elapsed Time Seconds	Corrected 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)	Barometric Pressure (PSI)			
8/11/2016 12:00:00 AM	7200.000	118.633	19.103	267.233	
41146.500	46369.059	30.368	31530.963	24.303	
1.021	14.708				
8/11/2016 12:15:00 AM	8100.000	118.638	19.102	267.243	
41159.574	46385.277	30.380	31541.990	24.296	
1.021	14.716				
8/11/2016 12:30:00 AM	9000.000	118.643	19.106	267.254	
41130.914	46349.059	30.354	31517.361	24.313	
1.021	14.713				
8/11/2016 12:45:00 AM	9900.000	118.606	19.099	267.172	
41108.664	46330.078	30.340	31504.455	24.326	
1.021	14.715				
8/11/2016 1:00:00 AM	10800.000	118.589	19.101	267.134	
41111.477	46331.770	30.341	31505.605	24.324	
1.021	14.718				
8/11/2016 1:15:00 AM	11700.000	118.630	19.097	267.226	
41092.984	46314.754	30.328	31494.033	24.335	
1.021	14.711				
8/11/2016 1:30:00 AM	12600.000	118.649	19.097	267.269	
41116.148	46341.125	30.348	31511.967	24.321	
1.021	14.715				
8/11/2016 1:45:00 AM	13500.000	118.654	19.102	267.280	
41175.883	46403.656	30.394	31554.486	24.286	
1.021	14.713				
8/11/2016 2:00:00 AM	14400.000	118.655	19.104	267.281	
41117.129	46335.352	30.344	31508.041	24.321	
1.021	14.715				
8/11/2016 2:15:00 AM	15300.000	118.674	19.102	267.325	
41139.430	46361.969	30.363	31526.141	24.308	
1.021	14.714				
8/11/2016 2:30:00 AM	16200.000	118.650	19.100	267.271	
41104.348	46325.133	30.336	31501.092	24.328	
1.021	14.717				
8/11/2016 2:45:00 AM	17100.000	118.696	19.101	267.375	
41128.168	46350.395	30.355	31518.270	24.314	
1.021	14.716				
8/11/2016 3:00:00 AM	18000.000	118.712	19.102	267.410	
41117.453	46337.629	30.345	31509.590	24.321	
1.021	14.718				
8/11/2016 3:15:00 AM	18900.000	118.706	19.103	267.396	
41194.719	46423.047	30.408	31567.672	24.275	
1.021	14.715				
8/11/2016 3:30:00 AM	19800.000	118.718	19.105	267.425	
41110.840	46326.957	30.338	31502.332	24.324	
1.021	14.714				
8/11/2016 3:45:00 AM	20700.000	118.773	19.105	267.547	
41170.961	46394.613	30.387	31548.340	24.289	

1.021	14.714			
8/11/2016 4:00:00 AM	21600.000	118.778	19.110	267.559
41115.188	46327.336	30.338	31502.590	24.322
1.021	14.713			
8/11/2016 4:15:00 AM	22500.000	118.800	19.104	267.608
41104.316	46321.000	30.333	31498.283	24.328
1.021	14.715			
8/11/2016 4:30:00 AM	23400.000	118.812	19.106	267.635
41120.902	46337.520	30.346	31509.516	24.319
1.021	14.710			
8/11/2016 4:45:00 AM	24300.000	118.829	19.106	267.674
41157.105	46377.781	30.375	31536.893	24.297
1.021	14.709			
8/11/2016 5:00:00 AM	25200.000	118.816	19.105	267.645
41137.504	46357.180	30.360	31522.885	24.309
1.021	14.713			
8/11/2016 5:15:00 AM	26100.000	118.847	19.107	267.714
41148.527	46367.859	30.368	31530.146	24.302
1.021	14.721			
8/11/2016 5:30:00 AM	27000.000	118.835	19.107	267.688
41142.273	46360.551	30.362	31525.178	24.306
1.021	14.713			
8/11/2016 5:45:00 AM	27900.000	118.871	19.109	267.768
41120.492	46334.188	30.343	31507.250	24.319
1.021	14.713			
8/11/2016 6:00:00 AM	28800.000	118.875	19.104	267.778
41151.949	46374.238	30.372	31534.484	24.300
1.021	14.718			
8/11/2016 6:15:00 AM	29700.000	118.879	19.106	267.786
41152.719	46373.449	30.372	31533.947	24.300
1.021	14.723			
8/11/2016 6:30:00 AM	30600.000	118.883	19.104	267.795
41131.695	46351.676	30.356	31519.143	24.312
1.021	14.718			
8/11/2016 6:45:00 AM	31500.000	118.882	19.104	267.792
41142.113	46363.250	30.364	31527.012	24.306
1.021	14.728			
8/11/2016 7:00:00 AM	32400.000	118.885	19.106	267.800
41156.180	46377.531	30.375	31536.723	24.298
1.021	14.732			
8/11/2016 7:15:00 AM	33300.000	118.887	19.111	267.806
41140.613	46354.938	30.358	31521.359	24.307
1.021	14.733			
8/11/2016 7:30:00 AM	34200.000	118.879	19.104	267.786
41095.469	46311.027	30.326	31491.498	24.334
1.021	14.734			
8/11/2016 7:45:00 AM	35100.000	118.838	19.105	267.694
41128.555	46346.828	30.352	31515.844	24.314
1.021	14.740			
8/11/2016 8:00:00 AM	36000.000	118.871	19.109	267.769
41143.938	46360.258	30.362	31524.979	24.305
1.021	14.745			
8/11/2016 8:15:00 AM	36900.000	118.858	19.100	267.739
41167.391	46396.184	30.388	31549.406	24.291
1.021	14.744			
8/11/2016 8:30:00 AM	37800.000	118.816	19.102	267.645
41140.504	46363.438	30.364	31527.141	24.307
1.021	14.748			

8/11/2016 8:45:00 AM	38700.000	118.831	19.102	267.678
41122.125	46342.637	30.349	31512.994	24.318
1.021	14.746			
8/11/2016 9:00:00 AM	39600.000	118.820	19.108	267.653
41157.945	46376.637	30.374	31536.115	24.297
1.021	14.748			
8/11/2016 9:15:00 AM	40500.000	118.815	19.105	267.642
41141.512	46361.961	30.363	31526.135	24.306
1.021	14.750			
8/11/2016 9:30:00 AM	41400.000	118.802	19.103	267.614
41138.949	46361.160	30.363	31525.592	24.308
1.021	14.753			
8/11/2016 9:45:00 AM	42300.000	118.767	19.101	267.534
41107.992	46327.840	30.338	31502.934	24.326
1.021	14.754			
8/11/2016 10:00:00 AM	43200.000	118.786	19.104	267.577
41169.441	46394.215	30.387	31548.066	24.290
1.021	14.758			
8/11/2016 10:15:00 AM	44100.000	118.777	19.109	267.558
41166.152	46385.637	30.381	31542.234	24.292
1.021	14.756			
8/11/2016 10:30:00 AM	45000.000	118.773	19.101	267.547
41170.551	46398.160	30.390	31550.750	24.289
1.021	14.759			
8/11/2016 10:45:00 AM	45900.000	118.763	19.100	267.526
41094.762	46314.063	30.328	31493.564	24.334
1.021	14.760			
8/11/2016 11:00:00 AM	46800.000	118.728	19.105	267.446
41155.168	46376.816	30.374	31536.238	24.298
1.021	14.762			
8/11/2016 11:15:00 AM	47700.000	118.763	19.106	267.524
41125.422	46342.266	30.349	31512.740	24.316
1.021	14.756			
8/11/2016 11:30:00 AM	48600.000	118.767	19.102	267.535
41146.207	46369.867	30.369	31531.512	24.304
1.021	14.756			
8/11/2016 11:45:00 AM	49500.000	118.773	19.102	267.548
41142.102	46364.887	30.365	31528.123	24.306
1.021	14.762			
8/11/2016 12:00:00 PM	50400.000	118.765	19.109	267.530
41132.992	46347.836	30.353	31516.531	24.311
1.021	14.760			
8/11/2016 12:15:00 PM	51300.000	118.773	19.101	267.548
41166.719	46393.840	30.386	31547.811	24.291
1.021	14.760			
8/11/2016 12:30:00 PM	52200.000	118.765	19.100	267.529
41150.566	46376.430	30.374	31535.975	24.301
1.021	14.757			
8/11/2016 12:45:00 PM	53100.000	118.799	19.103	267.607
41110.516	46328.773	30.339	31503.568	24.325
1.021	14.759			
8/11/2016 1:00:00 PM	54000.000	118.774	19.105	267.549
41138.461	46358.602	30.361	31523.852	24.308
1.021	14.758			
8/11/2016 1:15:00 PM	54900.000	118.835	19.105	267.686
41181.352	46406.773	30.396	31556.605	24.283
1.021	14.750			

8/11/2016 1:30:00 PM	55800.000	118.847	19.104	267.715
41110.746	46328.242	30.339	31503.207	24.325
1.021	14.759			
8/11/2016 1:45:00 PM	56700.000	118.873	19.110	267.773
41133.945	46348.473	30.354	31516.963	24.311
1.021	14.752			
8/11/2016 2:00:00 PM	57600.000	118.879	19.098	267.787
41135.168	46361.254	30.362	31525.654	24.310
1.021	14.760			
8/11/2016 2:15:00 PM	58500.000	118.877	19.100	267.782
41149.801	46376.359	30.374	31535.926	24.301
1.021	14.758			
8/11/2016 2:30:00 PM	59400.000	118.927	19.110	267.896
41116.426	46328.633	30.339	31503.471	24.321
1.021	14.755			
8/11/2016 2:45:00 PM	60300.000	118.940	19.107	267.924
41157.180	46376.914	30.374	31536.305	24.297
1.021	14.764			
8/11/2016 3:00:00 PM	61200.000	118.943	19.107	267.931
41142.336	46360.797	30.363	31525.344	24.306
1.021	14.755			
8/11/2016 3:15:00 PM	62100.000	118.997	19.111	268.052
41146.430	46360.973	30.363	31525.463	24.303
1.021	14.753			
8/11/2016 3:30:00 PM	63000.000	119.018	19.104	268.100
41120.012	46338.160	30.346	31509.951	24.319
1.021	14.754			
8/11/2016 3:45:00 PM	63900.000	119.053	19.106	268.178
41139.363	46358.582	30.361	31523.838	24.308
1.021	14.751			
8/11/2016 4:00:00 PM	64800.000	119.073	19.101	268.224
41149.855	46374.754	30.372	31534.834	24.301
1.021	14.747			
8/11/2016 4:15:00 PM	65700.000	119.092	19.104	268.266
41127.723	46347.457	30.353	31516.273	24.314
1.021	14.754			
8/11/2016 4:30:00 PM	66600.000	119.099	19.110	268.282
41127.328	46340.844	30.348	31511.773	24.315
1.021	14.746			
8/11/2016 4:45:00 PM	67500.000	119.133	19.114	268.358
41123.180	46331.723	30.342	31505.574	24.317
1.021	14.747			
8/11/2016 5:00:00 PM	68400.000	119.143	19.114	268.381
41140.797	46352.273	30.357	31519.549	24.307
1.021	14.747			
8/11/2016 5:15:00 PM	69300.000	119.160	19.112	268.420
41147.586	46361.313	30.363	31525.695	24.303
1.021	14.741			
8/11/2016 5:30:00 PM	70200.000	119.167	19.111	268.435
41153.301	46369.230	30.369	31531.078	24.299
1.021	14.746			
8/11/2016 5:45:00 PM	71100.000	119.149	19.099	268.394
41169.863	46399.051	30.390	31551.357	24.290
1.021	14.742			
8/11/2016 6:00:00 PM	72000.000	119.185	19.103	268.476
41113.363	46331.715	30.341	31505.568	24.323
1.021	14.741			
8/11/2016 6:15:00 PM	72900.000	119.153	19.107	268.405

41164.297	46385.277	30.380	31541.990	24.293
1.021	14.744			
8/11/2016 6:30:00 PM	73800.000	119.178	19.109	268.460
41164.875	46383.492	30.379	31540.777	24.293
1.021	14.741			
8/11/2016 6:45:00 PM	74700.000	119.177	19.107	268.458
41170.332	46391.555	30.385	31546.260	24.289
1.021	14.735			
8/11/2016 7:00:00 PM	75600.000	119.184	19.104	268.473
41113.043	46330.043	30.340	31504.432	24.323
1.021	14.739			
8/11/2016 7:15:00 PM	76500.000	119.165	19.104	268.432
41173.273	46397.914	30.390	31550.582	24.288
1.021	14.739			
8/11/2016 7:30:00 PM	77400.000	119.148	19.108	268.393
41127.785	46343.008	30.350	31513.248	24.314
1.021	14.741			
8/11/2016 7:45:00 PM	78300.000	119.129	19.112	268.350
41136.195	46348.480	30.354	31516.969	24.309
1.021	14.738			
8/11/2016 8:00:00 PM	79200.000	119.107	19.106	268.300
41169.852	46392.145	30.385	31546.660	24.290
1.021	14.739			
8/11/2016 8:15:00 PM	80100.000	119.053	19.103	268.177
41134.727	46355.711	30.359	31521.885	24.310
1.021	14.746			
8/11/2016 8:30:00 PM	81000.000	119.063	19.101	268.202
41125.898	46347.496	30.353	31516.299	24.316
1.021	14.744			
8/11/2016 8:45:00 PM	81900.000	119.013	19.102	268.087
41166.328	46392.793	30.386	31547.102	24.292
1.021	14.739			
8/11/2016 9:00:00 PM	82800.000	119.001	19.102	268.061
41131.836	46354.102	30.357	31520.791	24.312
1.021	14.739			
8/11/2016 9:15:00 PM	83700.000	118.972	19.103	267.997
41153.445	46376.805	30.374	31536.229	24.299
1.021	14.743			
8/11/2016 9:30:00 PM	84600.000	118.943	19.103	267.930
41146.887	46369.234	30.369	31531.082	24.303
1.021	14.749			
8/11/2016 9:45:00 PM	85500.000	118.905	19.102	267.846
41149.215	46373.164	30.371	31533.754	24.302
1.021	14.748			
8/11/2016 10:00:00 PM	86400.000	118.843	19.100	267.705
41149.695	46375.449	30.373	31535.309	24.302
1.021	14.747			
8/11/2016 10:15:00 PM	87300.000	118.830	19.100	267.675
41154.121	46380.703	30.377	31538.881	24.299
1.021	14.748			
8/11/2016 10:30:00 PM	88200.000	118.776	19.100	267.554
41145.801	46371.668	30.370	31532.736	24.304
1.021	14.745			
8/11/2016 10:45:00 PM	89100.000	118.775	19.100	267.552
41155.063	46382.289	30.378	31539.959	24.298
1.021	14.748			
8/11/2016 11:00:00 PM	90000.000	118.746	19.097	267.487

41109.563	46333.262	30.342	31506.621	24.325
1.021	14.743			
8/11/2016 11:15:00 PM	90900.000	118.713	19.098	267.413
41106.773	46328.984	30.339	31503.709	24.327
1.021	14.747			
8/11/2016 11:30:00 PM	91800.000	118.649	19.093	267.268
41135.488	46366.402	30.366	31529.156	24.310
1.021	14.748			
8/11/2016 11:45:00 PM	92700.000	118.630	19.092	267.226
41185.613	46424.383	30.408	31568.580	24.280
1.021	14.747			
8/12/2016 12:00:00 AM	93600.000	118.633	19.098	267.233
41100.828	46323.074	30.335	31499.693	24.330
1.021	14.748			
8/12/2016 12:15:00 AM	94500.000	118.607	19.098	267.175
41137.059	46363.645	30.364	31527.281	24.309
1.021	14.748			
8/12/2016 12:30:00 AM	95400.000	118.585	19.105	267.125
41139.109	46359.168	30.361	31524.236	24.308
1.021	14.749			
8/12/2016 12:45:00 AM	96300.000	118.582	19.098	267.117
41142.969	46370.043	30.369	31531.629	24.305
1.021	14.750			
8/12/2016 1:00:00 AM	97200.000	118.563	19.096	267.075
41144.836	46374.234	30.372	31534.480	24.304
1.021	14.746			
8/12/2016 1:15:00 AM	98100.000	118.560	19.096	267.068
41144.578	46373.945	30.372	31534.285	24.305
1.021	14.744			
8/12/2016 1:30:00 AM	99000.000	118.550	19.104	267.044
41142.414	46363.672	30.365	31527.299	24.306
1.021	14.746			
8/12/2016 1:45:00 AM	99900.000	118.512	19.104	266.960
41134.535	46354.617	30.358	31521.143	24.310
1.021	14.749			
8/12/2016 2:00:00 AM	100800.000	118.541	19.102	267.026
41131.492	46353.023	30.357	31520.059	24.312
1.021	14.743			
8/12/2016 2:15:00 AM	101700.000	118.524	19.102	266.987
41129.352	46350.520	30.355	31518.354	24.314
1.021	14.744			
8/12/2016 2:30:00 AM	102600.000	118.566	19.099	267.082
41075.711	46293.895	30.313	31479.850	24.345
1.021	14.746			
8/12/2016 2:45:00 AM	103500.000	118.568	19.100	267.085
41141.566	46366.285	30.366	31529.076	24.306
1.021	14.742			
8/12/2016 3:00:00 AM	104400.000	118.600	19.099	267.159
41121.832	46345.262	30.351	31514.777	24.318
1.021	14.736			
8/12/2016 3:15:00 AM	105300.000	118.600	19.106	267.157
41095.234	46308.672	30.324	31489.898	24.334
1.021	14.736			
8/12/2016 3:30:00 AM	106200.000	118.586	19.108	267.126
41157.504	46376.930	30.374	31536.314	24.297
1.021	14.744			
8/12/2016 3:45:00 AM	107100.000	118.630	19.112	267.226
41165.438	46381.520	30.378	31539.434	24.292

1.021	14.739			
8/12/2016 4:00:00 AM	108000.000	118.653	19.110	267.278
41131.910	46346.004	30.352	31515.285	24.312
1.021	14.743			
8/12/2016 4:15:00 AM	108900.000	118.676	19.107	267.330
41180.383	46403.754	30.394	31554.555	24.283
1.021	14.736			
8/12/2016 4:30:00 AM	109800.000	118.695	19.102	267.371
41141.184	46364.203	30.365	31527.660	24.307
1.021	14.742			
8/12/2016 4:45:00 AM	110700.000	118.720	19.106	267.428
41149.441	46369.332	30.369	31531.148	24.302
1.021	14.737			
8/12/2016 5:00:00 AM	111600.000	118.707	19.106	267.398
41163.777	46385.750	30.381	31542.313	24.293
1.021	14.742			
8/12/2016 5:15:00 AM	112500.000	118.747	19.109	267.490
41149.527	46366.813	30.367	31529.434	24.302
1.021	14.744			
8/12/2016 5:30:00 AM	113400.000	118.756	19.104	267.510
41164.063	46388.152	30.382	31543.945	24.293
1.021	14.746			
8/12/2016 5:45:00 AM	114300.000	118.797	19.104	267.601
41127.715	46346.840	30.352	31515.854	24.315
1.021	14.748			
8/12/2016 6:00:00 AM	115200.000	118.808	19.108	267.626
41137.781	46354.363	30.358	31520.967	24.309
1.021	14.751			
8/12/2016 6:15:00 AM	116100.000	118.837	19.104	267.693
41143.832	46365.270	30.366	31528.385	24.305
1.021	14.745			
8/12/2016 6:30:00 AM	117000.000	118.821	19.103	267.655
41197.258	46426.258	30.410	31569.857	24.273
1.021	14.750			
8/12/2016 6:45:00 AM	117900.000	118.830	19.108	267.676
41147.074	46364.387	30.365	31527.785	24.303
1.021	14.751			
8/12/2016 7:00:00 AM	118800.000	118.873	19.113	267.773
41131.977	46342.594	30.350	31512.967	24.312
1.021	14.755			
8/12/2016 7:15:00 AM	119700.000	118.889	19.103	267.809
41142.219	46364.059	30.365	31527.561	24.306
1.021	14.758			
8/12/2016 7:30:00 AM	120600.000	118.889	19.107	267.808
41133.629	46350.195	30.355	31518.135	24.311
1.021	14.760			
8/12/2016 7:45:00 AM	121500.000	118.866	19.106	267.757
41154.836	46375.934	30.374	31535.637	24.298
1.021	14.765			
8/12/2016 8:00:00 AM	122400.000	118.898	19.112	267.829
41102.016	46310.063	30.326	31490.844	24.330
1.021	14.758			
8/12/2016 8:15:00 AM	123300.000	118.890	19.104	267.811
41148.246	46370.160	30.369	31531.709	24.302
1.021	14.768			
8/12/2016 8:30:00 AM	124200.000	118.899	19.106	267.832
41151.668	46371.746	30.371	31532.789	24.300

1.021	14.763			
8/12/2016 8:45:00 AM	125100.000	118.890	19.106	267.812
41092.813	46305.426	30.322	31487.691	24.335
1.021	14.759			
8/12/2016 9:00:00 AM	126000.000	118.868	19.101	267.762
41133.902	46357.383	30.360	31523.023	24.311
1.021	14.761			
8/12/2016 9:15:00 AM	126900.000	118.890	19.103	267.811
41145.945	46368.434	30.368	31530.537	24.304
1.021	14.764			
8/12/2016 9:30:00 AM	127800.000	118.885	19.100	267.801
41130.441	46354.184	30.357	31520.848	24.313
1.021	14.765			
8/12/2016 9:45:00 AM	128700.000	118.839	19.102	267.697
41148.996	46372.656	30.371	31533.406	24.302
1.021	14.764			
8/12/2016 10:00:00 AM	129600.000	118.857	19.108	267.737
41135.289	46351.195	30.356	31518.814	24.310
1.021	14.768			
8/12/2016 10:15:00 AM	130500.000	118.819	19.107	267.650
41128.734	46345.297	30.351	31514.805	24.314
1.021	14.766			
8/12/2016 10:30:00 AM	131400.000	118.858	19.103	267.738
41164.340	46389.164	30.383	31544.635	24.293
1.021	14.759			
8/12/2016 10:45:00 AM	132300.000	118.833	19.108	267.683
41144.625	46362.250	30.364	31526.330	24.305
1.021	14.766			
8/12/2016 11:00:00 AM	133200.000	118.819	19.102	267.651
41109.781	46328.559	30.339	31503.422	24.325
1.021	14.770			
8/12/2016 11:15:00 AM	134100.000	118.797	19.102	267.601
41177.320	46405.020	30.395	31555.416	24.285
1.021	14.767			
8/12/2016 11:30:00 AM	135000.000	118.812	19.099	267.636
41127.941	46351.805	30.356	31519.229	24.314
1.021	14.764			
8/12/2016 11:45:00 AM	135900.000	118.800	19.099	267.608
41091.371	46311.359	30.326	31491.727	24.336
1.021	14.763			
8/12/2016 12:00:00 PM	136800.000	118.781	19.103	267.566
41142.273	46364.215	30.365	31527.668	24.306
1.021	14.768			
8/12/2016 12:15:00 PM	137700.000	118.818	19.102	267.649
41097.578	46314.711	30.329	31494.006	24.332
1.021	14.767			
8/12/2016 12:30:00 PM	138600.000	118.785	19.107	267.575
41136.527	46353.727	30.357	31520.537	24.309
1.021	14.769			
8/12/2016 12:45:00 PM	139500.000	118.810	19.114	267.632
41149.332	46361.891	30.364	31526.086	24.302
1.021	14.767			
8/12/2016 1:00:00 PM	140400.000	118.825	19.109	267.665
41180.309	46400.883	30.392	31552.604	24.283
1.021	14.764			
8/12/2016 1:15:00 PM	141300.000	118.831	19.105	267.679
41136.063	46355.473	30.359	31521.725	24.310
1.021	14.758			

8/12/2016 1:30:00 PM	142200.000	118.846	19.107	267.713
41119.375	46334.398	30.343	31507.393	24.319
1.021	14.760			
8/12/2016 1:45:00 PM	143100.000	118.861	19.102	267.746
41177.461	46405.176	30.395	31555.521	24.285
1.021	14.760			
8/12/2016 2:00:00 PM	144000.000	118.840	19.099	267.698
41141.902	46367.965	30.367	31530.219	24.306
1.021	14.763			
8/12/2016 2:15:00 PM	144900.000	118.889	19.099	267.810
41160.820	46389.813	30.383	31545.074	24.295
1.021	14.760			
8/12/2016 2:30:00 PM	145800.000	118.903	19.105	267.840
41200.891	46428.340	30.412	31571.273	24.271
1.021	14.761			
8/12/2016 2:45:00 PM	146700.000	118.931	19.107	267.904
41150.707	46369.793	30.369	31531.459	24.301
1.021	14.759			
8/12/2016 3:00:00 PM	147600.000	118.916	19.110	267.869
41149.191	46365.207	30.366	31528.344	24.302
1.021	14.759			
8/12/2016 3:15:00 PM	148500.000	118.969	19.108	267.989
41144.859	46362.766	30.364	31526.684	24.304
1.021	14.757			
8/12/2016 3:30:00 PM	149400.000	118.996	19.108	268.051
41144.223	46361.707	30.363	31525.963	24.305
1.021	14.758			
8/12/2016 3:45:00 PM	150300.000	119.024	19.105	268.112
41115.055	46331.355	30.341	31505.324	24.322
1.021	14.753			
8/12/2016 4:00:00 PM	151200.000	119.031	19.102	268.129
41114.387	46334.172	30.343	31507.238	24.322
1.021	14.761			
8/12/2016 4:15:00 PM	152100.000	119.083	19.107	268.246
41154.563	46374.758	30.373	31534.838	24.299
1.021	14.753			
8/12/2016 4:30:00 PM	153000.000	119.114	19.099	268.316
41097.477	46318.082	30.331	31496.297	24.332
1.021	14.753			
8/12/2016 4:45:00 PM	153900.000	119.095	19.105	268.274
41147.566	46368.609	30.368	31530.654	24.303
1.021	14.751			
8/12/2016 5:00:00 PM	154800.000	119.146	19.109	268.388
41126.656	46341.219	30.348	31512.031	24.315
1.021	14.749			
8/12/2016 5:15:00 PM	155700.000	119.153	19.106	268.403
41139.332	46358.203	30.361	31523.580	24.308
1.021	14.745			
8/12/2016 5:30:00 PM	156600.000	119.191	19.109	268.489
41132.703	46347.508	30.353	31516.307	24.312
1.021	14.746			
8/12/2016 5:45:00 PM	157500.000	119.212	19.107	268.536
41161.141	46381.375	30.378	31539.338	24.295
1.021	14.735			
8/12/2016 6:00:00 PM	158400.000	119.232	19.103	268.581
41164.898	46389.875	30.384	31545.117	24.293
1.021	14.737			

8/12/2016 6:15:00 PM	159300.000	119.246	19.105	268.612
41146.051	46366.813	30.367	31529.434	24.304
1.021	14.733			
8/12/2016 6:30:00 PM	160200.000	119.239	19.107	268.599
41128.777	46345.703	30.352	31515.080	24.314
1.021	14.735			
8/12/2016 6:45:00 PM	161100.000	119.260	19.112	268.645
41153.840	46368.539	30.368	31530.609	24.299
1.021	14.732			
8/12/2016 7:00:00 PM	162000.000	119.267	19.108	268.661
41132.098	46348.207	30.353	31516.783	24.312
1.021	14.730			
8/12/2016 7:15:00 PM	162900.000	119.260	19.103	268.646
41110.422	46328.578	30.339	31503.436	24.325
1.021	14.732			
8/12/2016 7:30:00 PM	163800.000	119.255	19.108	268.633
41141.488	46358.184	30.361	31523.564	24.306
1.021	14.732			
8/12/2016 7:45:00 PM	164700.000	119.257	19.107	268.638
41176.441	46398.961	30.390	31551.295	24.286
1.021	14.724			
8/12/2016 8:00:00 PM	165600.000	119.236	19.108	268.591
41210.434	46436.137	30.418	31576.576	24.266
1.021	14.728			
8/12/2016 8:15:00 PM	166500.000	119.221	19.105	268.557
41186.406	46412.109	30.400	31560.236	24.280
1.021	14.734			
8/12/2016 8:30:00 PM	167400.000	119.210	19.104	268.533
41137.668	46357.883	30.360	31523.363	24.309
1.021	14.734			
8/12/2016 8:45:00 PM	168300.000	119.187	19.111	268.479
41120.621	46332.145	30.342	31505.861	24.319
1.021	14.735			
8/12/2016 9:00:00 PM	169200.000	119.146	19.102	268.388
41136.574	46358.918	30.361	31524.064	24.309
1.021	14.734			
8/12/2016 9:15:00 PM	170100.000	119.120	19.100	268.329
41119.594	46342.133	30.349	31512.652	24.319
1.021	14.736			
8/12/2016 9:30:00 PM	171000.000	119.070	19.100	268.217
41111.926	46333.316	30.342	31506.658	24.324
1.021	14.741			
8/12/2016 9:45:00 PM	171900.000	119.056	19.104	268.186
41162.043	46385.352	30.380	31542.039	24.294
1.021	14.739			
8/12/2016 10:00:00 PM	172800.000	119.013	19.104	268.088
41117.777	46335.730	30.344	31508.299	24.320
1.021	14.737			
8/12/2016 10:15:00 PM	173700.000	118.979	19.102	268.012
41139.129	46362.141	30.363	31526.256	24.308
1.021	14.744			
8/12/2016 10:30:00 PM	174600.000	118.941	19.100	267.927
41162.723	46390.824	30.384	31545.764	24.294
1.021	14.746			
8/12/2016 10:45:00 PM	175500.000	118.882	19.102	267.793
41147.438	46371.504	30.370	31532.625	24.303
1.021	14.737			
8/12/2016 11:00:00 PM	176400.000	118.852	19.104	267.726

41109.973	46326.848	30.338	31502.258	24.325
1.021	14.739			
8/12/2016 11:15:00 PM	177300.000	118.784	19.102	267.573
41131.770	46353.152	30.357	31520.145	24.312
1.021	14.739			
8/12/2016 11:30:00 PM	178200.000	118.788	19.104	267.581
41143.832	46364.738	30.365	31528.023	24.305
1.021	14.738			
8/12/2016 11:45:00 PM	179100.000	118.728	19.102	267.446
41141.441	46364.926	30.365	31528.152	24.306
1.021	14.733			
8/13/2016 12:00:00 AM	180000.000	118.692	19.098	267.366
41160.098	46389.516	30.383	31544.873	24.295
1.021	14.732			
8/13/2016 12:15:00 AM	180900.000	118.651	19.098	267.273
41133.762	46359.578	30.361	31524.516	24.311
1.021	14.735			
8/13/2016 12:30:00 AM	181800.000	118.650	19.101	267.270
41121.836	46343.441	30.350	31513.543	24.318
1.021	14.732			
8/13/2016 12:45:00 AM	182700.000	118.596	19.098	267.148
41121.066	46345.527	30.351	31514.961	24.318
1.021	14.731			
8/13/2016 1:00:00 AM	183600.000	118.583	19.100	267.119
41129.387	46352.902	30.356	31519.977	24.314
1.021	14.728			
8/13/2016 1:15:00 AM	184500.000	118.537	19.101	267.015
41140.582	46364.742	30.365	31528.027	24.307
1.021	14.731			
8/13/2016 1:30:00 AM	185400.000	118.554	19.101	267.054
41129.832	46352.359	30.356	31519.607	24.313
1.021	14.737			
8/13/2016 1:45:00 AM	186300.000	118.510	19.097	266.956
41124.934	46351.027	30.355	31518.701	24.316
1.021	14.728			
8/13/2016 2:00:00 AM	187200.000	118.539	19.096	267.020
41166.008	46398.191	30.389	31550.771	24.292
1.021	14.726			
8/13/2016 2:15:00 AM	188100.000	118.522	19.101	266.983
41135.941	46359.766	30.362	31524.643	24.310
1.021	14.729			
8/13/2016 2:30:00 AM	189000.000	118.523	19.098	266.984
41090.855	46311.047	30.326	31491.512	24.336
1.021	14.725			
8/13/2016 2:45:00 AM	189900.000	118.518	19.098	266.974
41144.082	46371.910	30.370	31532.900	24.305
1.021	14.719			
8/13/2016 3:00:00 AM	190800.000	118.491	19.096	266.912
41136.063	46364.789	30.365	31528.059	24.310
1.021	14.723			
8/13/2016 3:15:00 AM	191700.000	118.509	19.100	266.953
41141.793	46367.066	30.367	31529.607	24.306
1.021	14.723			
8/13/2016 3:30:00 AM	192600.000	118.516	19.098	266.970
41119.055	46342.828	30.349	31513.125	24.320
1.021	14.722			
8/13/2016 3:45:00 AM	193500.000	118.529	19.100	266.999

41137.211	46361.461	30.363	31525.795	24.309
1.021	14.723			
8/13/2016 4:00:00 AM	194400.000	118.543	19.099	267.030
41154.750	46382.629	30.378	31540.189	24.299
1.021	14.718			
8/13/2016 4:15:00 AM	195300.000	118.615	19.098	267.192
41183.652	46415.805	30.402	31562.750	24.281
1.021	14.718			
8/13/2016 4:30:00 AM	196200.000	118.627	19.100	267.219
41124.582	46347.840	30.353	31516.533	24.316
1.021	14.712			
8/13/2016 4:45:00 AM	197100.000	118.643	19.104	267.255
41186.805	46413.344	30.401	31561.076	24.280
1.021	14.716			
8/13/2016 5:00:00 AM	198000.000	118.679	19.107	267.335
41143.922	46362.234	30.364	31526.322	24.305
1.021	14.713			
8/13/2016 5:15:00 AM	198900.000	118.675	19.104	267.326
41113.266	46330.910	30.341	31505.020	24.323
1.021	14.716			
8/13/2016 5:30:00 AM	199800.000	118.723	19.102	267.436
41143.949	46366.969	30.367	31529.541	24.305
1.021	14.717			
8/13/2016 5:45:00 AM	200700.000	118.752	19.105	267.501
41198.781	46426.574	30.410	31570.072	24.273
1.021	14.716			
8/13/2016 6:00:00 AM	201600.000	118.777	19.107	267.556
41145.461	46364.402	30.365	31527.793	24.304
1.021	14.720			
8/13/2016 6:15:00 AM	202500.000	118.812	19.107	267.635
41139.590	46357.617	30.360	31523.182	24.307
1.021	14.716			
8/13/2016 6:30:00 AM	203400.000	118.832	19.107	267.681
41159.496	46379.344	30.376	31537.955	24.296
1.021	14.715			
8/13/2016 6:45:00 AM	204300.000	118.831	19.105	267.679
41128.480	46347.102	30.352	31516.031	24.314
1.021	14.717			
8/13/2016 7:00:00 AM	205200.000	118.882	19.104	267.794
41146.891	46368.719	30.368	31530.729	24.303
1.021	14.724			
8/13/2016 7:15:00 AM	206100.000	118.866	19.108	267.757
41157.711	46377.246	30.375	31536.529	24.297
1.021	14.722			
8/13/2016 7:30:00 AM	207000.000	118.923	19.103	267.886
41122.594	46342.035	30.349	31512.584	24.318
1.021	14.730			
8/13/2016 7:45:00 AM	207900.000	118.925	19.100	267.891
41105.656	46326.250	30.337	31501.852	24.328
1.021	14.733			
8/13/2016 8:00:00 AM	208800.000	118.920	19.099	267.880
41160.590	46388.684	30.383	31544.307	24.295
1.021	14.730			
8/13/2016 8:15:00 AM	209700.000	118.957	19.106	267.962
41153.680	46374.715	30.373	31534.807	24.299
1.021	14.732			
8/13/2016 8:30:00 AM	210600.000	118.959	19.103	267.966
41156.535	46380.547	30.377	31538.773	24.297

1.021	14.731			
8/13/2016 8:45:00 AM	211500.000	118.969	19.106	267.989
41120.426	46336.449	30.345	31508.787	24.319
1.021	14.730			
8/13/2016 9:00:00 AM	212400.000	118.963	19.107	267.975
41118.188	46332.977	30.342	31506.426	24.320
1.021	14.733			
8/13/2016 9:15:00 AM	213300.000	118.966	19.108	267.982
41124.520	46339.848	30.347	31511.100	24.316
1.021	14.734			
8/13/2016 9:30:00 AM	214200.000	118.965	19.105	267.979
41164.180	46387.332	30.382	31543.389	24.293
1.021	14.730			
8/13/2016 9:45:00 AM	215100.000	118.956	19.108	267.960
41156.125	46375.207	30.373	31535.143	24.298
1.021	14.731			
8/13/2016 10:00:00 AM	216000.000	118.930	19.099	267.901
41117.328	46340.797	30.348	31511.744	24.321
1.021	14.728			
8/13/2016 10:15:00 AM	216900.000	118.953	19.102	267.952
41128.648	46350.078	30.354	31518.055	24.314
1.021	14.728			
8/13/2016 10:30:00 AM	217800.000	118.936	19.106	267.916
41119.375	46335.973	30.344	31508.463	24.319
1.021	14.727			
8/13/2016 10:45:00 AM	218700.000	118.919	19.106	267.876
41154.117	46374.949	30.373	31534.965	24.299
1.021	14.728			
8/13/2016 11:00:00 AM	219600.000	118.924	19.108	267.889
41161.410	46380.723	30.377	31538.895	24.295
1.021	14.730			
8/13/2016 11:15:00 AM	220500.000	118.916	19.105	267.870
41167.211	46390.387	30.384	31545.463	24.291
1.021	14.730			
8/13/2016 11:30:00 AM	221400.000	118.872	19.105	267.770
41148.375	46368.996	30.368	31530.920	24.302
1.021	14.727			
8/13/2016 11:45:00 AM	222300.000	118.866	19.103	267.758
41137.523	46359.555	30.361	31524.500	24.309
1.021	14.722			
8/13/2016 12:00:00 PM	223200.000	118.863	19.101	267.750
41123.570	46345.570	30.351	31514.990	24.317
1.021	14.724			
8/13/2016 12:15:00 PM	224100.000	118.856	19.100	267.735
41121.254	46344.090	30.350	31513.982	24.318
1.021	14.721			
8/13/2016 12:30:00 PM	225000.000	118.854	19.098	267.731
41154.297	46382.723	30.378	31540.252	24.299
1.021	14.723			
8/13/2016 12:45:00 PM	225900.000	118.845	19.101	267.710
41146.145	46371.266	30.370	31532.463	24.304
1.021	14.721			
8/13/2016 1:00:00 PM	226800.000	118.841	19.105	267.701
41181.527	46406.262	30.396	31556.260	24.283
1.021	14.723			
8/13/2016 1:15:00 PM	227700.000	118.855	19.101	267.732
41175.891	46404.703	30.394	31555.201	24.286

1.021	14.717			
8/13/2016 1:30:00 PM	228600.000	118.842	19.097	267.703
41141.730	46369.426	30.368	31531.209	24.306
1.021	14.717			
8/13/2016 1:45:00 PM	229500.000	118.822	19.097	267.658
41146.957	46376.102	30.373	31535.752	24.303
1.021	14.714			
8/13/2016 2:00:00 PM	230400.000	118.856	19.100	267.736
41121.324	46343.816	30.350	31513.795	24.318
1.021	14.716			
8/13/2016 2:15:00 PM	231300.000	118.868	19.097	267.761
41145.379	46374.070	30.372	31534.369	24.304
1.021	14.718			
8/13/2016 2:30:00 PM	232200.000	118.875	19.101	267.778
41140.711	46364.621	30.365	31527.945	24.307
1.021	14.717			
8/13/2016 2:45:00 PM	233100.000	118.858	19.099	267.740
41152.953	46380.336	30.376	31538.629	24.300
1.021	14.714			
8/13/2016 3:00:00 PM	234000.000	118.874	19.101	267.775
41164.336	46391.422	30.385	31546.170	24.293
1.021	14.711			
8/13/2016 3:15:00 PM	234900.000	118.896	19.100	267.826
41134.676	46358.699	30.361	31523.918	24.310
1.021	14.713			
8/13/2016 3:30:00 PM	235800.000	118.915	19.098	267.867
41166.727	46397.164	30.389	31550.074	24.291
1.021	14.710			
8/13/2016 3:45:00 PM	236700.000	118.956	19.103	267.959
41130.109	46350.855	30.355	31518.584	24.313
1.021	14.706			
8/13/2016 4:00:00 PM	237600.000	118.990	19.107	268.038
41171.133	46392.551	30.386	31546.938	24.289
1.021	14.706			
8/13/2016 4:15:00 PM	238500.000	119.032	19.104	268.130
41123.789	46342.684	30.349	31513.027	24.317
1.021	14.703			
8/13/2016 4:30:00 PM	239400.000	119.059	19.103	268.191
41143.266	46365.156	30.366	31528.309	24.305
1.021	14.699			
8/13/2016 4:45:00 PM	240300.000	119.066	19.104	268.207
41150.195	46372.000	30.371	31532.963	24.301
1.021	14.697			
8/13/2016 5:00:00 PM	241200.000	119.102	19.108	268.288
41119.625	46333.723	30.343	31506.934	24.319
1.021	14.697			
8/13/2016 5:15:00 PM	242100.000	119.123	19.106	268.336
41154.422	46375.293	30.373	31535.199	24.299
1.021	14.694			
8/13/2016 5:30:00 PM	243000.000	119.171	19.100	268.443
41087.859	46306.195	30.322	31488.215	24.338
1.021	14.695			
8/13/2016 5:45:00 PM	243900.000	119.203	19.100	268.516
41107.160	46327.688	30.338	31502.830	24.327
1.021	14.690			
8/13/2016 6:00:00 PM	244800.000	119.188	19.099	268.483
41123.340	46346.961	30.352	31515.936	24.317
1.021	14.689			

8/13/2016 6:15:00 PM	245700.000	119.251	19.103	268.624
41131.527	46351.836	30.356	31519.248	24.312
1.021	14.689			
8/13/2016 6:30:00 PM	246600.000	119.269	19.101	268.665
41150.316	46375.883	30.373	31535.604	24.301
1.021	14.689			
8/13/2016 6:45:00 PM	247500.000	119.271	19.103	268.669
41146.688	46369.270	30.369	31531.105	24.303
1.021	14.690			
8/13/2016 7:00:00 PM	248400.000	119.288	19.105	268.709
41168.945	46392.953	30.386	31547.211	24.290
1.021	14.693			
8/13/2016 7:15:00 PM	249300.000	119.266	19.105	268.659
41169.125	46393.156	30.386	31547.348	24.290
1.021	14.695			
8/13/2016 7:30:00 PM	250200.000	119.293	19.105	268.718
41113.168	46330.020	30.340	31504.416	24.323
1.021	14.690			
8/13/2016 7:45:00 PM	251100.000	119.325	19.101	268.791
41165.570	46392.371	30.385	31546.814	24.292
1.021	14.687			
8/13/2016 8:00:00 PM	252000.000	119.329	19.102	268.800
41150.363	46374.801	30.373	31534.867	24.301
1.021	14.688			
8/13/2016 8:15:00 PM	252900.000	119.317	19.104	268.774
41151.813	46374.523	30.372	31534.678	24.300
1.021	14.686			
8/13/2016 8:30:00 PM	253800.000	119.275	19.102	268.679
41134.305	46356.273	30.359	31522.266	24.311
1.021	14.688			
8/13/2016 8:45:00 PM	254700.000	119.286	19.100	268.703
41143.207	46368.746	30.368	31530.750	24.305
1.021	14.692			
8/13/2016 9:00:00 PM	255600.000	119.275	19.102	268.678
41152.137	46376.195	30.374	31535.814	24.300
1.021	14.691			
8/13/2016 9:15:00 PM	256500.000	119.246	19.103	268.614
41151.383	46375.172	30.373	31535.117	24.301
1.021	14.693			
8/13/2016 9:30:00 PM	257400.000	119.229	19.106	268.575
41162.430	46384.141	30.380	31541.219	24.294
1.021	14.693			
8/13/2016 9:45:00 PM	258300.000	119.208	19.097	268.527
41144.207	46372.125	30.370	31533.047	24.305
1.021	14.692			
8/13/2016 10:00:00 PM	259200.000	119.162	19.101	268.424
41152.273	46378.090	30.375	31537.104	24.300
1.021	14.696			
8/13/2016 10:15:00 PM	260100.000	119.124	19.103	268.338
41162.117	46386.656	30.381	31542.928	24.294
1.021	14.697			
8/13/2016 10:30:00 PM	261000.000	119.081	19.102	268.242
41171.207	46397.863	30.389	31550.549	24.289
1.021	14.698			
8/13/2016 10:45:00 PM	261900.000	119.051	19.108	268.174
41141.074	46358.074	30.361	31523.490	24.307
1.021	14.697			

8/13/2016 11:00:00 PM	262800.000	119.004	19.110	268.068
41104.383	46315.160	30.329	31494.311	24.328
1.021	14.695			
8/13/2016 11:15:00 PM	263700.000	118.944	19.110	267.932
41145.762	46361.078	30.363	31525.535	24.304
1.021	14.697			
8/13/2016 11:30:00 PM	264600.000	118.887	19.104	267.804
41143.387	46364.941	30.365	31528.162	24.305
1.021	14.693			
8/13/2016 11:45:00 PM	265500.000	118.844	19.104	267.708
41149.426	46371.832	30.370	31532.846	24.302
1.021	14.692			
8/14/2016 12:00:00 AM	266400.000	118.815	19.105	267.642
41161.789	46384.277	30.380	31541.309	24.294
1.021	14.694			
8/14/2016 12:15:00 AM	267300.000	118.752	19.101	267.500
41120.742	46341.684	30.348	31512.346	24.319
1.021	14.693			
8/14/2016 12:30:00 AM	268200.000	118.729	19.098	267.448
41131.371	46356.883	30.359	31522.680	24.312
1.021	14.692			
8/14/2016 12:45:00 AM	269100.000	118.708	19.098	267.402
41133.125	46359.211	30.361	31524.266	24.311
1.021	14.690			
8/14/2016 1:00:00 AM	270000.000	118.635	19.099	267.237
41125.281	46349.070	30.354	31517.369	24.316
1.021	14.694			
8/14/2016 1:15:00 AM	270900.000	118.633	19.100	267.233
41106.070	46326.809	30.337	31502.232	24.327
1.021	14.690			
8/14/2016 1:30:00 AM	271800.000	118.599	19.096	267.155
41144.770	46374.086	30.372	31534.381	24.304
1.021	14.689			
8/14/2016 1:45:00 AM	272700.000	118.571	19.096	267.092
41133.605	46361.152	30.362	31525.586	24.311
1.021	14.691			
8/14/2016 2:00:00 AM	273600.000	118.550	19.096	267.046
41132.770	46360.211	30.362	31524.943	24.312
1.021	14.688			
8/14/2016 2:15:00 AM	274500.000	118.528	19.100	266.995
41102.402	46322.844	30.335	31499.535	24.329
1.021	14.687			
8/14/2016 2:30:00 AM	275400.000	118.477	19.101	266.882
41105.559	46324.914	30.336	31500.941	24.328
1.021	14.686			
8/14/2016 2:45:00 AM	276300.000	118.502	19.096	266.936
41168.145	46400.602	30.391	31552.412	24.291
1.021	14.683			
8/14/2016 3:00:00 AM	277200.000	118.493	19.095	266.918
41184.199	46419.832	30.405	31565.486	24.281
1.021	14.679			
8/14/2016 3:15:00 AM	278100.000	118.467	19.099	266.859
41125.543	46349.797	30.354	31517.863	24.316
1.021	14.676			
8/14/2016 3:30:00 AM	279000.000	118.466	19.101	266.855
41089.340	46307.164	30.323	31488.873	24.337
1.021	14.680			
8/14/2016 3:45:00 AM	279900.000	118.498	19.102	266.928

41127.398	46348.316	30.353	31516.857	24.315
1.021	14.678			
8/14/2016 4:00:00 AM	280800.000	118.503	19.098	266.940
41104.984	46327.059	30.338	31502.400	24.328
1.021	14.684			
8/14/2016 4:15:00 AM	281700.000	118.498	19.097	266.929
41146.492	46375.063	30.373	31535.043	24.303
1.021	14.684			
8/14/2016 4:30:00 AM	282600.000	118.520	19.099	266.977
41173.586	46403.676	30.393	31554.500	24.287
1.021	14.684			
8/14/2016 4:45:00 AM	283500.000	118.572	19.101	267.096
41161.777	46388.629	30.383	31544.270	24.294
1.021	14.683			
8/14/2016 5:00:00 AM	284400.000	118.589	19.101	267.133
41149.652	46374.348	30.372	31534.557	24.302
1.021	14.681			
8/14/2016 5:15:00 AM	285300.000	118.617	19.106	267.196
41166.637	46388.793	30.383	31544.381	24.292
1.021	14.687			
8/14/2016 5:30:00 AM	286200.000	118.647	19.099	267.263
41191.766	46423.820	30.408	31568.199	24.277
1.021	14.685			
8/14/2016 5:45:00 AM	287100.000	118.671	19.099	267.318
41151.543	46378.926	30.375	31537.672	24.300
1.021	14.689			
8/14/2016 6:00:00 AM	288000.000	118.709	19.104	267.404
41156.344	46379.285	30.376	31537.916	24.298
1.021	14.687			
8/14/2016 6:15:00 AM	288900.000	118.701	19.096	267.386
41099.523	46323.258	30.335	31499.818	24.331
1.021	14.697			
8/14/2016 6:30:00 AM	289800.000	118.743	19.099	267.481
41162.449	46391.465	30.385	31546.197	24.294
1.021	14.692			
8/14/2016 6:45:00 AM	290700.000	118.783	19.101	267.570
41149.348	46374.449	30.372	31534.627	24.302
1.021	14.693			
8/14/2016 7:00:00 AM	291600.000	118.842	19.105	267.704
41178.152	46403.078	30.393	31554.094	24.285
1.021	14.696			
8/14/2016 7:15:00 AM	292500.000	118.836	19.101	267.690
41148.094	46372.941	30.371	31533.602	24.302
1.021	14.700			
8/14/2016 7:30:00 AM	293400.000	118.908	19.102	267.853
41122.184	46343.141	30.349	31513.338	24.318
1.021	14.689			
8/14/2016 7:45:00 AM	294300.000	118.895	19.099	267.822
41104.379	46325.859	30.337	31501.586	24.328
1.021	14.697			
8/14/2016 8:00:00 AM	295200.000	118.924	19.103	267.887
41131.973	46353.223	30.357	31520.193	24.312
1.021	14.695			
8/14/2016 8:15:00 AM	296100.000	118.939	19.100	267.921
41117.703	46339.391	30.347	31510.785	24.320
1.021	14.702			
8/14/2016 8:30:00 AM	297000.000	118.979	19.104	268.012

41152.164	46374.574	30.372	31534.711	24.300
1.021	14.702			
8/14/2016 8:45:00 AM	297900.000	118.995	19.103	268.048
41112.691	46331.043	30.341	31505.111	24.323
1.021	14.704			
8/14/2016 9:00:00 AM	298800.000	118.977	19.104	268.006
41124.813	46343.922	30.350	31513.869	24.316
1.021	14.703			
8/14/2016 9:15:00 AM	299700.000	119.024	19.103	268.113
41143.711	46366.266	30.366	31529.063	24.305
1.021	14.703			
8/14/2016 9:30:00 AM	300600.000	118.998	19.106	268.055
41146.984	46366.910	30.367	31529.500	24.303
1.021	14.701			
8/14/2016 9:45:00 AM	301500.000	119.033	19.104	268.133
41161.387	46385.227	30.380	31541.955	24.295
1.021	14.705			
8/14/2016 10:00:00 AM	302400.000	119.028	19.103	268.122
41150.719	46374.250	30.372	31534.492	24.301
1.021	14.711			
8/14/2016 10:15:00 AM	303300.000	119.024	19.105	268.112
41171.148	46395.273	30.388	31548.787	24.289
1.021	14.712			
8/14/2016 10:30:00 AM	304200.000	119.017	19.103	268.097
41159.051	46383.738	30.379	31540.943	24.296
1.021	14.704			
8/14/2016 10:45:00 AM	305100.000	118.983	19.102	268.020
41131.527	46353.320	30.357	31520.260	24.312
1.021	14.709			
8/14/2016 11:00:00 AM	306000.000	119.000	19.113	268.060
41163.004	46377.379	30.375	31536.619	24.294
1.021	14.708			
8/14/2016 11:15:00 AM	306900.000	118.982	19.112	268.019
41165.047	46381.254	30.378	31539.256	24.292
1.021	14.704			
8/14/2016 11:30:00 AM	307800.000	118.969	19.108	267.990
41126.672	46342.094	30.349	31512.627	24.315
1.021	14.703			
8/14/2016 11:45:00 AM	308700.000	118.960	19.104	267.969
41120.973	46339.426	30.347	31510.813	24.318
1.021	14.703			
8/14/2016 12:00:00 PM	309600.000	118.953	19.102	267.953
41203.207	46433.750	30.416	31574.953	24.270
1.021	14.706			
8/14/2016 12:15:00 PM	310500.000	118.900	19.102	267.834
41118.324	46338.000	30.346	31509.842	24.320
1.021	14.703			
8/14/2016 12:30:00 PM	311400.000	118.930	19.101	267.902
41124.457	46346.824	30.352	31515.840	24.316
1.021	14.699			
8/14/2016 12:45:00 PM	312300.000	118.908	19.105	267.852
41169.242	46392.859	30.386	31547.146	24.290
1.021	14.704			
8/14/2016 1:00:00 PM	313200.000	118.868	19.106	267.762
41131.230	46349.156	30.354	31517.428	24.312
1.021	14.695			
8/14/2016 1:15:00 PM	314100.000	118.842	19.096	267.704
41146.582	46376.203	30.373	31535.820	24.303

1.021	14.701			
8/14/2016 1:30:00 PM	315000.000	118.845	19.099	267.709
41171.988	46401.711	30.392	31553.166	24.288
1.021	14.698			
8/14/2016 1:45:00 PM	315900.000	118.861	19.105	267.746
41150.148	46371.609	30.370	31532.697	24.301
1.021	14.705			
8/14/2016 2:00:00 PM	316800.000	118.844	19.103	267.709
41115.188	46333.422	30.342	31506.727	24.322
1.021	14.699			
8/14/2016 2:15:00 PM	317700.000	118.857	19.101	267.737
41126.340	46348.520	30.353	31516.996	24.315
1.021	14.691			
8/14/2016 2:30:00 PM	318600.000	118.869	19.106	267.764
41142.496	46361.410	30.363	31525.760	24.306
1.021	14.697			
8/14/2016 2:45:00 PM	319500.000	118.842	19.102	267.702
41153.391	46377.871	30.375	31536.955	24.299
1.021	14.698			
8/14/2016 3:00:00 PM	320400.000	118.892	19.101	267.815
41181.203	46410.164	30.398	31558.914	24.283
1.021	14.691			
8/14/2016 3:15:00 PM	321300.000	118.900	19.101	267.834
41116.492	46337.684	30.345	31509.627	24.321
1.021	14.690			
8/14/2016 3:30:00 PM	322200.000	118.917	19.100	267.872
41154.738	46381.039	30.377	31539.107	24.299
1.021	14.691			
8/14/2016 3:45:00 PM	323100.000	118.933	19.103	267.908
41185.691	46413.223	30.401	31560.994	24.280
1.021	14.692			
8/14/2016 4:00:00 PM	324000.000	118.953	19.102	267.953
41108.277	46327.121	30.338	31502.445	24.326
1.021	14.686			
8/14/2016 4:15:00 PM	324900.000	118.973	19.105	267.999
41166.516	46389.789	30.384	31545.057	24.292
1.021	14.693			
8/14/2016 4:30:00 PM	325800.000	118.980	19.103	268.014
41117.102	46336.539	30.345	31508.850	24.321
1.021	14.683			
8/14/2016 4:45:00 PM	326700.000	119.041	19.101	268.152
41104.348	46323.207	30.335	31499.783	24.328
1.021	14.685			
8/14/2016 5:00:00 PM	327600.000	119.059	19.106	268.193
41174.090	46396.848	30.389	31549.857	24.287
1.021	14.691			
8/14/2016 5:15:00 PM	328500.000	119.094	19.102	268.271
41094.504	46311.340	30.326	31491.713	24.334
1.021	14.689			
8/14/2016 5:30:00 PM	329400.000	119.104	19.106	268.293
41180.047	46403.633	30.394	31554.473	24.284
1.021	14.686			
8/14/2016 5:45:00 PM	330300.000	119.125	19.108	268.341
41158.066	46376.863	30.374	31536.268	24.297
1.021	14.686			
8/14/2016 6:00:00 PM	331200.000	119.191	19.106	268.489
41117.359	46333.086	30.342	31506.500	24.321

1.021	14.688			
8/14/2016 6:15:00 PM	332100.000	119.217	19.105	268.548
41141.730	46362.031	30.363	31526.184	24.306
1.021	14.688			
8/14/2016 6:30:00 PM	333000.000	119.243	19.106	268.606
41117.355	46332.914	30.342	31506.385	24.321
1.021	14.684			
8/14/2016 6:45:00 PM	333900.000	119.252	19.106	268.628
41195.012	46420.496	30.406	31565.939	24.275
1.021	14.683			
8/14/2016 7:00:00 PM	334800.000	119.294	19.113	268.720
41173.180	46389.016	30.383	31544.533	24.288
1.021	14.685			
8/14/2016 7:15:00 PM	335700.000	119.325	19.108	268.791
41137.930	46354.531	30.358	31521.084	24.308
1.021	14.687			
8/14/2016 7:30:00 PM	336600.000	119.345	19.107	268.837
41165.754	46387.012	30.382	31543.170	24.292
1.021	14.686			
8/14/2016 7:45:00 PM	337500.000	119.319	19.101	268.777
41165.254	46391.848	30.385	31546.459	24.292
1.021	14.686			
8/14/2016 8:00:00 PM	338400.000	119.373	19.103	268.900
41139.457	46360.863	30.362	31525.389	24.308
1.021	14.689			
8/14/2016 8:15:00 PM	339300.000	119.358	19.107	268.867
41162.402	46382.883	30.379	31540.363	24.294
1.021	14.688			
8/14/2016 8:30:00 PM	340200.000	119.369	19.109	268.889
41149.500	46366.434	30.367	31529.176	24.302
1.021	14.694			
8/14/2016 8:45:00 PM	341100.000	119.381	19.105	268.918
41119.723	46336.801	30.345	31509.027	24.319
1.021	14.690			
8/14/2016 9:00:00 PM	342000.000	119.358	19.104	268.866
41135.547	46355.402	30.359	31521.676	24.310
1.021	14.700			
8/14/2016 9:15:00 PM	342900.000	119.345	19.106	268.836
41137.414	46355.520	30.359	31521.756	24.309
1.021	14.696			
8/14/2016 9:30:00 PM	343800.000	119.333	19.110	268.810
41126.531	46339.859	30.347	31511.107	24.315
1.021	14.698			
8/14/2016 9:45:00 PM	344700.000	119.307	19.110	268.750
41131.688	46345.578	30.352	31514.996	24.312
1.021	14.698			
8/14/2016 10:00:00 PM	345600.000	119.255	19.107	268.634
41145.461	46363.707	30.365	31527.320	24.304
1.021	14.699			
8/14/2016 10:15:00 PM	346500.000	119.257	19.102	268.637
41149.039	46373.148	30.371	31533.742	24.302
1.021	14.698			
8/14/2016 10:30:00 PM	347400.000	119.228	19.114	268.573
41147.680	46359.422	30.362	31524.408	24.303
1.021	14.700			
8/14/2016 10:45:00 PM	348300.000	119.166	19.123	268.432
41157.074	46361.203	30.364	31525.621	24.297
1.021	14.700			

8/14/2016 11:00:00 PM	349200.000	119.131	19.123	268.355
41189.824	46397.660	30.390	31550.412	24.278
1.021	14.701			
8/14/2016 11:15:00 PM	350100.000	119.093	19.101	268.269
41111.695	46332.355	30.342	31506.004	24.324
1.021	14.700			
8/14/2016 11:30:00 PM	351000.000	119.018	19.101	268.100
41176.051	46404.625	30.394	31555.145	24.286
1.021	14.700			
8/14/2016 11:45:00 PM	351900.000	118.998	19.101	268.054
41178.281	46407.141	30.396	31556.855	24.285
1.021	14.698			
8/15/2016 12:00:00 AM	352800.000	118.942	19.097	267.928
41112.082	46336.633	30.344	31508.910	24.324
1.021	14.705			
8/15/2016 12:15:00 AM	353700.000	118.896	19.103	267.826
41171.844	46397.445	30.389	31550.264	24.288
1.021	14.703			
8/15/2016 12:30:00 AM	354600.000	118.812	19.105	267.635
41175.512	46400.352	30.391	31552.242	24.286
1.021	14.704			
8/15/2016 12:45:00 AM	355500.000	118.783	19.098	267.571
41138.922	46365.746	30.366	31528.709	24.308
1.021	14.712			
8/15/2016 1:00:00 AM	356400.000	118.721	19.096	267.430
41179.348	46413.059	30.400	31560.883	24.284
1.021	14.706			
8/15/2016 1:15:00 AM	357300.000	118.674	19.097	267.325
41129.230	46355.430	30.358	31521.693	24.314
1.021	14.709			
8/15/2016 1:30:00 AM	358200.000	118.623	19.096	267.209
41127.785	46355.195	30.358	31521.533	24.314
1.021	14.707			
8/15/2016 1:45:00 AM	359100.000	118.592	19.092	267.140
41150.707	46384.516	30.379	31541.471	24.301
1.021	14.707			
8/15/2016 2:00:00 AM	360000.000	118.546	19.099	267.038
41134.086	46359.340	30.361	31524.354	24.311
1.021	14.704			
8/15/2016 2:15:00 AM	360900.000	118.534	19.103	267.009
41130.660	46351.820	30.356	31519.240	24.313
1.021	14.702			
8/15/2016 2:30:00 AM	361800.000	118.500	19.106	266.932
41148.711	46368.324	30.368	31530.463	24.302
1.021	14.703			
8/15/2016 2:45:00 AM	362700.000	118.461	19.097	266.845
41149.902	46379.340	30.376	31537.953	24.301
1.021	14.698			
8/15/2016 3:00:00 AM	363600.000	118.445	19.096	266.809
41111.316	46336.898	30.345	31509.094	24.324
1.021	14.698			
8/15/2016 3:15:00 AM	364500.000	118.458	19.093	266.838
41085.559	46310.039	30.325	31490.828	24.339
1.021	14.698			
8/15/2016 3:30:00 AM	365400.000	118.425	19.094	266.764
41136.590	46367.301	30.367	31529.768	24.309
1.021	14.695			

8/15/2016 3:45:00 AM	366300.000	118.423	19.093	266.759
41116.973	46346.316	30.351	31515.498	24.321
1.021	14.699			
8/15/2016 4:00:00 AM	367200.000	118.413	19.093	266.738
41103.418	46331.039	30.340	31505.109	24.329
1.021	14.697			
8/15/2016 4:15:00 AM	368100.000	118.446	19.094	266.812
41143.676	46375.289	30.373	31535.197	24.305
1.021	14.699			
8/15/2016 4:30:00 AM	369000.000	118.421	19.094	266.755
41165.695	46399.500	30.390	31551.662	24.292
1.021	14.701			
8/15/2016 4:45:00 AM	369900.000	118.473	19.095	266.872
41160.863	46393.527	30.386	31547.602	24.295
1.021	14.700			
8/15/2016 5:00:00 AM	370800.000	118.449	19.098	266.819
41137.859	46364.813	30.365	31528.074	24.309
1.021	14.702			
8/15/2016 5:15:00 AM	371700.000	118.517	19.097	266.971
41142.090	46369.738	30.369	31531.424	24.306
1.021	14.704			
8/15/2016 5:30:00 AM	372600.000	118.540	19.100	267.022
41130.078	46353.250	30.357	31520.213	24.313
1.021	14.707			
8/15/2016 5:45:00 AM	373500.000	118.541	19.097	267.024
41125.676	46351.863	30.356	31519.270	24.316
1.021	14.700			
8/15/2016 6:00:00 AM	374400.000	118.584	19.101	267.123
41128.363	46350.801	30.355	31518.547	24.314
1.021	14.705			
8/15/2016 6:15:00 AM	375300.000	118.658	19.102	267.288
41102.496	46320.695	30.333	31498.074	24.329
1.021	14.696			
8/15/2016 6:30:00 AM	376200.000	118.685	19.106	267.350
41117.230	46333.555	30.343	31506.820	24.321
1.021	14.705			
8/15/2016 6:45:00 AM	377100.000	118.700	19.101	267.383
41165.148	46392.430	30.385	31546.852	24.292
1.021	14.708			
8/15/2016 7:00:00 AM	378000.000	118.761	19.101	267.520
41147.184	46372.184	30.371	31533.086	24.303
1.021	14.712			
8/15/2016 7:15:00 AM	378900.000	118.768	19.101	267.537
41155.797	46381.273	30.377	31539.266	24.298
1.021	14.713			
8/15/2016 7:30:00 AM	379800.000	118.828	19.103	267.671
41151.379	46374.992	30.373	31534.996	24.301
1.021	14.717			
8/15/2016 7:45:00 AM	380700.000	118.877	19.105	267.783
41153.691	46375.422	30.373	31535.287	24.299
1.021	14.715			
8/15/2016 8:00:00 AM	381600.000	118.871	19.102	267.769
41151.449	46375.684	30.373	31535.467	24.300
1.021	14.720			
8/15/2016 8:15:00 AM	382500.000	118.928	19.101	267.898
41205.820	46437.734	30.418	31577.662	24.268
1.021	14.719			
8/15/2016 8:30:00 AM	383400.000	118.959	19.103	267.967

41152.668	46375.930	30.373	31535.635	24.300
1.021	14.719			
8/15/2016 8:45:00 AM	384300.000	118.984	19.109	268.024
41151.078	46368.305	30.368	31530.449	24.301
1.021	14.719			
8/15/2016 9:00:00 AM	385200.000	118.977	19.111	268.008
41178.523	46397.477	30.390	31550.287	24.285
1.021	14.722			
8/15/2016 9:15:00 AM	386100.000	119.022	19.115	268.108
41163.063	46376.141	30.374	31535.775	24.294
1.021	14.724			
8/15/2016 9:30:00 AM	387000.000	119.051	19.108	268.173
41146.328	46364.336	30.365	31527.750	24.304
1.021	14.726			
8/15/2016 9:45:00 AM	387900.000	119.036	19.103	268.140
41143.551	46365.563	30.366	31528.584	24.305
1.021	14.725			
8/15/2016 10:00:00 AM	388800.000	119.073	19.104	268.223
41123.906	46342.637	30.349	31512.994	24.317
1.021	14.726			
8/15/2016 10:15:00 AM	389700.000	119.078	19.106	268.234
41167.297	46390.059	30.384	31545.242	24.291
1.021	14.726			
8/15/2016 10:30:00 AM	390600.000	119.050	19.103	268.172
41118.188	46336.895	30.345	31509.088	24.320
1.021	14.732			
8/15/2016 10:45:00 AM	391500.000	119.068	19.104	268.213
41102.746	46319.313	30.332	31497.135	24.329
1.021	14.731			
8/15/2016 11:00:00 AM	392400.000	119.064	19.107	268.203
41174.293	46396.016	30.388	31549.291	24.287
1.021	14.728			
8/15/2016 11:15:00 AM	393300.000	119.013	19.105	268.089
41096.070	46310.406	30.326	31491.078	24.333
1.021	14.734			
8/15/2016 11:30:00 AM	394200.000	119.055	19.105	268.184
41092.781	46306.516	30.323	31488.434	24.335
1.021	14.731			
8/15/2016 11:45:00 AM	395100.000	119.036	19.112	268.141
41166.672	46382.816	30.379	31540.318	24.291
1.021	14.729			
8/15/2016 12:00:00 PM	396000.000	119.004	19.112	268.067
41151.742	46366.090	30.367	31528.941	24.300
1.021	14.726			
8/15/2016 12:15:00 PM	396900.000	119.009	19.104	268.079
41136.930	46357.836	30.360	31523.328	24.309
1.021	14.727			
8/15/2016 12:30:00 PM	397800.000	118.988	19.103	268.032
41137.918	46359.305	30.361	31524.330	24.308
1.021	14.722			
8/15/2016 12:45:00 PM	398700.000	118.969	19.101	267.989
41159.145	46385.395	30.380	31542.070	24.296
1.021	14.717			
8/15/2016 1:00:00 PM	399600.000	118.973	19.099	267.999
41120.078	46343.711	30.350	31513.725	24.319
1.021	14.714			
8/15/2016 1:15:00 PM	400500.000	118.931	19.102	267.904

41106.684	46325.758	30.337	31501.516	24.327
1.021	14.723			
8/15/2016 1:30:00 PM	401400.000	118.919	19.104	267.877
41132.996	46352.883	30.357	31519.963	24.311
1.021	14.720			
8/15/2016 1:45:00 PM	402300.000	118.882	19.105	267.794
41148.930	46370.398	30.369	31531.871	24.302
1.021	14.714			
8/15/2016 2:00:00 PM	403200.000	118.880	19.102	267.789
41113.328	46333.246	30.342	31506.609	24.323
1.021	14.721			
8/15/2016 2:15:00 PM	404100.000	118.881	19.098	267.791
41177.109	46409.133	30.397	31558.213	24.285
1.021	14.716			
8/15/2016 2:30:00 PM	405000.000	118.842	19.101	267.703
41138.402	46362.539	30.364	31526.529	24.308
1.021	14.721			
8/15/2016 2:45:00 PM	405900.000	118.870	19.103	267.766
41155.500	46379.285	30.376	31537.916	24.298
1.021	14.720			
8/15/2016 3:00:00 PM	406800.000	118.875	19.097	267.778
41154.207	46383.578	30.379	31540.836	24.299
1.021	14.714			
8/15/2016 3:15:00 PM	407700.000	118.859	19.098	267.742
41136.617	46363.320	30.364	31527.059	24.309
1.021	14.709			
8/15/2016 3:30:00 PM	408600.000	118.883	19.097	267.796
41129.316	46355.793	30.358	31521.939	24.314
1.021	14.716			
8/15/2016 3:45:00 PM	409500.000	118.898	19.099	267.830
41093.996	46313.551	30.328	31493.215	24.334
1.021	14.707			
8/15/2016 4:00:00 PM	410400.000	118.910	19.099	267.857
41141.117	46366.996	30.367	31529.561	24.307
1.021	14.710			
8/15/2016 4:15:00 PM	411300.000	118.921	19.101	267.881
41124.297	46345.859	30.351	31515.186	24.317
1.021	14.709			
8/15/2016 4:30:00 PM	412200.000	118.910	19.103	267.856
41104.504	46321.383	30.334	31498.543	24.328
1.021	14.707			
8/15/2016 4:45:00 PM	413100.000	118.967	19.100	267.985
41142.633	46367.664	30.367	31530.014	24.306
1.021	14.703			
8/15/2016 5:00:00 PM	414000.000	119.002	19.104	268.063
41135.391	46355.227	30.358	31521.557	24.310
1.021	14.702			
8/15/2016 5:15:00 PM	414900.000	119.032	19.103	268.131
41127.148	46347.168	30.352	31516.074	24.315
1.021	14.706			
8/15/2016 5:30:00 PM	415800.000	119.060	19.103	268.194
41124.578	46344.355	30.350	31514.164	24.316
1.021	14.706			
8/15/2016 5:45:00 PM	416700.000	119.099	19.103	268.281
41147.395	46370.418	30.369	31531.887	24.303
1.021	14.702			
8/15/2016 6:00:00 PM	417600.000	119.106	19.099	268.297
41125.992	46349.871	30.354	31517.914	24.316

1.021	14.706			
8/15/2016 6:15:00 PM	418500.000	119.153	19.107	268.403
41162.992	46383.379	30.379	31540.699	24.294
1.021	14.699			
8/15/2016 6:30:00 PM	419400.000	119.200	19.102	268.509
41132.699	46354.289	30.358	31520.918	24.312
1.021	14.701			
8/15/2016 6:45:00 PM	420300.000	119.208	19.102	268.527
41135.480	46357.598	30.360	31523.166	24.310
1.021	14.702			
8/15/2016 7:00:00 PM	421200.000	119.272	19.105	268.673
41128.199	46346.352	30.352	31515.520	24.314
1.021	14.700			
8/15/2016 7:15:00 PM	422100.000	119.275	19.102	268.679
41117.426	46337.172	30.345	31509.279	24.321
1.021	14.700			
8/15/2016 7:30:00 PM	423000.000	119.339	19.105	268.824
41153.043	46374.605	30.373	31534.734	24.300
1.021	14.698			
8/15/2016 7:45:00 PM	423900.000	119.373	19.107	268.900
41123.754	46339.332	30.347	31510.748	24.317
1.021	14.701			
8/15/2016 8:00:00 PM	424800.000	119.365	19.104	268.882
41139.422	46360.645	30.362	31525.240	24.308
1.021	14.704			
8/15/2016 8:15:00 PM	425700.000	119.410	19.106	268.983
41162.242	46384.105	30.380	31541.193	24.294
1.021	14.703			
8/15/2016 8:30:00 PM	426600.000	119.421	19.106	269.007
41161.391	46383.145	30.379	31540.541	24.295
1.021	14.704			
8/15/2016 8:45:00 PM	427500.000	119.440	19.109	269.050
41178.926	46400.199	30.391	31552.137	24.284
1.021	14.703			
8/15/2016 9:00:00 PM	428400.000	119.443	19.104	269.057
41183.547	46409.848	30.398	31558.699	24.282
1.021	14.705			
8/15/2016 9:15:00 PM	429300.000	119.454	19.101	269.082
41136.961	46360.047	30.362	31524.834	24.309
1.021	14.701			
8/15/2016 9:30:00 PM	430200.000	119.441	19.099	269.053
41149.906	46376.820	30.374	31536.240	24.301
1.021	14.708			
8/15/2016 9:45:00 PM	431100.000	119.430	19.097	269.027
41122.965	46348.719	30.353	31517.131	24.317
1.021	14.713			
8/15/2016 10:00:00 PM	432000.000	119.418	19.096	269.001
41138.141	46366.266	30.366	31529.063	24.308
1.021	14.709			
8/15/2016 10:15:00 PM	432900.000	119.384	19.103	268.923
41106.555	46323.785	30.335	31500.176	24.327
1.021	14.713			
8/15/2016 10:30:00 PM	433800.000	119.332	19.104	268.807
41156.465	46378.973	30.376	31537.703	24.298
1.021	14.709			
8/15/2016 10:45:00 PM	434700.000	119.310	19.105	268.758
41139.074	46358.512	30.361	31523.791	24.308

1.021	14.705			
8/15/2016 11:00:00 PM	435600.000	119.297	19.106	268.729
41202.383	46429.512	30.413	31572.068	24.270
1.021	14.702			
8/15/2016 11:15:00 PM	436500.000	119.260	19.100	268.644
41179.645	46409.379	30.398	31558.381	24.284
1.021	14.700			
8/15/2016 11:30:00 PM	437400.000	119.216	19.101	268.545
41154.414	46380.586	30.377	31538.801	24.299
1.021	14.706			
8/15/2016 11:45:00 PM	438300.000	119.141	19.098	268.378
41128.457	46354.125	30.357	31520.805	24.314
1.021	14.701			
8/16/2016 12:00:00 AM	439200.000	119.075	19.098	268.229
41114.195	46337.523	30.345	31509.518	24.323
1.021	14.705			
8/16/2016 12:15:00 AM	440100.000	119.062	19.099	268.200
41126.922	46350.918	30.355	31518.627	24.315
1.021	14.705			
8/16/2016 12:30:00 AM	441000.000	118.976	19.097	268.006
41114.996	46339.203	30.346	31510.660	24.322
1.021	14.705			
8/16/2016 12:45:00 AM	441900.000	118.927	19.097	267.894
41122.734	46348.285	30.353	31516.836	24.317
1.021	14.704			
8/16/2016 1:00:00 AM	442800.000	118.899	19.100	267.831
41169.973	46398.734	30.390	31551.143	24.290
1.021	14.703			
8/16/2016 1:15:00 AM	443700.000	118.814	19.095	267.639
41177.746	46412.465	30.400	31560.479	24.285
1.021	14.699			
8/16/2016 1:30:00 AM	444600.000	118.767	19.100	267.534
41153.906	46380.805	30.377	31538.947	24.299
1.021	14.699			
8/16/2016 1:45:00 AM	445500.000	118.716	19.095	267.419
41107.891	46333.730	30.342	31506.939	24.326
1.021	14.699			
8/16/2016 2:00:00 AM	446400.000	118.701	19.097	267.386
41125.297	46351.348	30.355	31518.918	24.316
1.021	14.695			
8/16/2016 2:15:00 AM	447300.000	118.626	19.096	267.217
41134.539	46362.629	30.363	31526.588	24.310
1.021	14.695			
8/16/2016 2:30:00 AM	448200.000	118.611	19.097	267.182
41145.477	46374.434	30.372	31534.617	24.304
1.021	14.693			
8/16/2016 2:45:00 AM	449100.000	118.535	19.106	267.011
41127.145	46344.633	30.351	31514.354	24.315
1.021	14.693			
8/16/2016 3:00:00 AM	450000.000	118.538	19.101	267.020
41168.914	46396.582	30.388	31549.678	24.290
1.021	14.694			
8/16/2016 3:15:00 AM	450900.000	118.466	19.098	266.855
41186.586	46419.203	30.405	31565.061	24.280
1.021	14.694			
8/16/2016 3:30:00 AM	451800.000	118.453	19.102	266.826
41146.660	46370.727	30.370	31532.096	24.303
1.021	14.692			

8/16/2016 3:45:00 AM	452700.000	118.461	19.104	266.844
41141.609	46362.234	30.363	31526.322	24.306
1.021	14.687			
8/16/2016 4:00:00 AM	453600.000	118.452	19.103	266.824
41136.449	46357.910	30.360	31523.381	24.309
1.021	14.693			
8/16/2016 4:15:00 AM	454500.000	118.410	19.099	266.730
41187.535	46419.738	30.405	31565.424	24.279
1.021	14.685			
8/16/2016 4:30:00 AM	455400.000	118.424	19.093	266.761
41116.977	46345.453	30.351	31514.910	24.321
1.021	14.694			
8/16/2016 4:45:00 AM	456300.000	118.443	19.093	266.804
41128.363	46358.816	30.360	31523.998	24.314
1.021	14.689			
8/16/2016 5:00:00 AM	457200.000	118.427	19.093	266.768
41125.094	46354.957	30.358	31521.371	24.316
1.021	14.688			
8/16/2016 5:15:00 AM	458100.000	118.470	19.094	266.865
41154.402	46387.543	30.381	31543.531	24.299
1.021	14.680			
8/16/2016 5:30:00 AM	459000.000	118.484	19.092	266.897
41144.625	46377.832	30.374	31536.928	24.305
1.021	14.688			
8/16/2016 5:45:00 AM	459900.000	118.475	19.102	266.876
41122.035	46342.715	30.349	31513.049	24.318
1.021	14.693			
8/16/2016 6:00:00 AM	460800.000	118.533	19.100	267.008
41133.102	46357.539	30.360	31523.129	24.311
1.021	14.694			
8/16/2016 6:15:00 AM	461700.000	118.537	19.097	267.017
41135.805	46363.449	30.364	31527.146	24.310
1.021	14.692			
8/16/2016 6:30:00 AM	462600.000	118.591	19.099	267.137
41134.625	46359.422	30.361	31524.408	24.310
1.021	14.697			
8/16/2016 6:45:00 AM	463500.000	118.636	19.103	267.239
41150.457	46374.129	30.372	31534.410	24.301
1.021	14.697			
8/16/2016 7:00:00 AM	464400.000	118.678	19.100	267.334
41106.871	46327.527	30.338	31502.721	24.327
1.021	14.700			
8/16/2016 7:15:00 AM	465300.000	118.714	19.099	267.415
41158.191	46386.766	30.381	31543.002	24.296
1.021	14.701			
8/16/2016 7:30:00 AM	466200.000	118.766	19.100	267.533
41153.723	46380.070	30.376	31538.449	24.299
1.021	14.702			
8/16/2016 7:45:00 AM	467100.000	118.771	19.099	267.543
41156.621	46384.648	30.380	31541.561	24.297
1.021	14.703			
8/16/2016 8:00:00 AM	468000.000	118.821	19.101	267.656
41117.867	46338.613	30.346	31510.260	24.320
1.021	14.701			
8/16/2016 8:15:00 AM	468900.000	118.862	19.101	267.749
41114.102	46335.152	30.344	31507.906	24.323
1.021	14.703			

8/16/2016 8:30:00 AM	469800.000	118.892	19.106	267.816
41157.824	46378.777	30.376	31537.568	24.297
1.021	14.704			
8/16/2016 8:45:00 AM	470700.000	118.937	19.105	267.917
41132.668	46351.121	30.355	31518.762	24.312
1.021	14.704			
8/16/2016 9:00:00 AM	471600.000	118.993	19.105	268.044
41110.961	46327.000	30.338	31502.361	24.324
1.021	14.705			
8/16/2016 9:15:00 AM	472500.000	118.997	19.103	268.052
41150.117	46372.875	30.371	31533.557	24.301
1.021	14.702			
8/16/2016 9:30:00 AM	473400.000	119.040	19.103	268.149
41162.844	46387.656	30.382	31543.609	24.294
1.021	14.713			
8/16/2016 9:45:00 AM	474300.000	119.078	19.103	268.234
41161.328	46385.594	30.380	31542.203	24.295
1.021	14.699			
8/16/2016 10:00:00 AM	475200.000	119.081	19.102	268.241
41141.184	46364.293	30.365	31527.719	24.307
1.021	14.698			
8/16/2016 10:15:00 AM	476100.000	119.106	19.104	268.298
41121.578	46339.926	30.347	31511.152	24.318
1.021	14.702			
8/16/2016 10:30:00 AM	477000.000	119.094	19.103	268.270
41162.336	46386.730	30.381	31542.979	24.294
1.021	14.703			
8/16/2016 10:45:00 AM	477900.000	119.131	19.105	268.354
41145.090	46365.645	30.366	31528.641	24.304
1.021	14.701			
8/16/2016 11:00:00 AM	478800.000	119.113	19.101	268.314
41128.355	46350.605	30.355	31518.414	24.314
1.021	14.706			
8/16/2016 11:15:00 AM	479700.000	119.116	19.110	268.320
41157.977	46375.199	30.373	31535.139	24.297
1.021	14.709			
8/16/2016 11:30:00 AM	480600.000	119.093	19.103	268.268
41169.723	46394.969	30.387	31548.580	24.290
1.021	14.697			
8/16/2016 11:45:00 AM	481500.000	119.101	19.102	268.287
41131.238	46352.645	30.356	31519.801	24.312
1.021	14.703			
8/16/2016 12:00:00 PM	482400.000	119.084	19.101	268.249
41164.504	46391.086	30.384	31545.939	24.293
1.021	14.707			
8/16/2016 12:15:00 PM	483300.000	119.049	19.104	268.169
41141.434	46362.484	30.364	31526.490	24.306
1.021	14.705			
8/16/2016 12:30:00 PM	484200.000	119.022	19.105	268.108
41152.184	46373.723	30.372	31534.133	24.300
1.021	14.708			
8/16/2016 12:45:00 PM	485100.000	119.045	19.105	268.160
41136.797	46356.473	30.359	31522.404	24.309
1.021	14.701			
8/16/2016 1:00:00 PM	486000.000	119.010	19.105	268.081
41101.848	46316.730	30.330	31495.379	24.330
1.021	14.709			
8/16/2016 1:15:00 PM	486900.000	118.953	19.097	267.952

41116.723	46341.242	30.348	31512.047	24.321
1.021	14.708			
8/16/2016 1:30:00 PM	487800.000	118.970	19.094	267.992
41147.863	46379.219	30.375	31537.871	24.303
1.021	14.704			
8/16/2016 1:45:00 PM	488700.000	118.939	19.097	267.921
41151.938	46381.199	30.377	31539.217	24.300
1.021	14.708			
8/16/2016 2:00:00 PM	489600.000	118.905	19.099	267.845
41162.984	46391.563	30.385	31546.266	24.294
1.021	14.703			
8/16/2016 2:15:00 PM	490500.000	118.912	19.098	267.861
41139.102	46365.684	30.366	31528.668	24.308
1.021	14.708			
8/16/2016 2:30:00 PM	491400.000	118.895	19.098	267.822
41134.410	46360.398	30.362	31525.072	24.311
1.021	14.699			
8/16/2016 2:45:00 PM	492300.000	118.890	19.099	267.811
41187.855	46419.414	30.405	31565.203	24.279
1.021	14.697			
8/16/2016 3:00:00 PM	493200.000	118.868	19.099	267.762
41155.672	46383.828	30.379	31541.006	24.298
1.021	14.696			
8/16/2016 3:15:00 PM	494100.000	118.840	19.101	267.699
41121.641	46343.223	30.349	31513.393	24.318
1.021	14.693			
8/16/2016 3:30:00 PM	495000.000	118.858	19.101	267.739
41113.363	46333.453	30.342	31506.750	24.323
1.021	14.693			
8/16/2016 3:45:00 PM	495900.000	118.858	19.106	267.740
41187.672	46412.676	30.400	31560.621	24.279
1.021	14.693			
8/16/2016 4:00:00 PM	496800.000	118.860	19.100	267.743
41138.980	46363.898	30.364	31527.453	24.308
1.021	14.690			
8/16/2016 4:15:00 PM	497700.000	118.879	19.103	267.786
41174.426	46400.883	30.392	31552.604	24.287
1.021	14.691			
8/16/2016 4:30:00 PM	498600.000	118.885	19.102	267.799
41127.559	46349.016	30.354	31517.332	24.315
1.021	14.690			
8/16/2016 4:45:00 PM	499500.000	118.885	19.099	267.799
41148.816	46375.418	30.373	31535.285	24.302
1.021	14.687			
8/16/2016 5:00:00 PM	500400.000	118.915	19.096	267.868
41120.945	46346.965	30.352	31515.938	24.319
1.021	14.691			
8/16/2016 5:15:00 PM	501300.000	118.936	19.102	267.915
41157.887	46382.852	30.378	31540.340	24.297
1.021	14.689			
8/16/2016 5:30:00 PM	502200.000	118.954	19.102	267.955
41147.762	46371.176	30.370	31532.402	24.303
1.021	14.685			
8/16/2016 5:45:00 PM	503100.000	118.991	19.101	268.040
41116.430	46337.691	30.345	31509.633	24.321
1.021	14.681			
8/16/2016 6:00:00 PM	504000.000	119.019	19.103	268.102

41141.879	46364.461	30.365	31527.836	24.306
1.021	14.684			
8/16/2016 6:15:00 PM	504900.000	119.058	19.105	268.189
41155.344	46377.285	30.374	31536.557	24.298
1.021	14.680			
8/16/2016 6:30:00 PM	505800.000	119.074	19.105	268.226
41148.965	46370.012	30.369	31531.609	24.302
1.021	14.677			
8/16/2016 6:45:00 PM	506700.000	119.105	19.110	268.296
41164.637	46382.707	30.379	31540.242	24.293
1.021	14.679			
8/16/2016 7:00:00 PM	507600.000	119.147	19.105	268.390
41137.031	46356.910	30.360	31522.701	24.309
1.021	14.679			
8/16/2016 7:15:00 PM	508500.000	119.183	19.103	268.472
41146.809	46369.941	30.369	31531.563	24.303
1.021	14.681			
8/16/2016 7:30:00 PM	509400.000	119.234	19.105	268.587
41139.039	46359.176	30.361	31524.242	24.308
1.021	14.685			
8/16/2016 7:45:00 PM	510300.000	119.294	19.103	268.721
41156.766	46381.164	30.377	31539.191	24.297
1.021	14.682			
8/16/2016 8:00:00 PM	511200.000	119.345	19.109	268.837
41129.828	46344.270	30.351	31514.105	24.313
1.021	14.682			
8/16/2016 8:15:00 PM	512100.000	119.375	19.110	268.904
41164.133	46382.043	30.378	31539.791	24.293
1.021	14.679			
8/16/2016 8:30:00 PM	513000.000	119.363	19.109	268.878
41139.805	46355.242	30.359	31521.566	24.307
1.021	14.685			
8/16/2016 8:45:00 PM	513900.000	119.417	19.115	268.998
41141.762	46351.531	30.356	31519.043	24.306
1.021	14.690			
8/16/2016 9:00:00 PM	514800.000	119.449	19.115	269.070
41140.004	46349.473	30.355	31517.645	24.307
1.021	14.690			
8/16/2016 9:15:00 PM	515700.000	119.463	19.109	269.102
41193.934	46417.109	30.404	31563.637	24.275
1.021	14.691			
8/16/2016 9:30:00 PM	516600.000	119.466	19.110	269.110
41168.160	46386.160	30.381	31542.592	24.291
1.021	14.695			
8/16/2016 9:45:00 PM	517500.000	119.488	19.110	269.158
41152.207	46368.789	30.369	31530.779	24.300
1.021	14.690			
8/16/2016 10:00:00 PM	518400.000	119.467	19.112	269.111
41155.406	46370.301	30.370	31531.807	24.298
1.021	14.695			
8/16/2016 10:15:00 PM	519300.000	119.452	19.117	269.077
41177.453	46390.078	30.384	31545.256	24.285
1.021	14.696			
8/16/2016 10:30:00 PM	520200.000	119.444	19.124	269.059
41177.262	46383.168	30.380	31540.557	24.285
1.021	14.689			
8/16/2016 10:45:00 PM	521100.000	119.432	19.108	269.031
41146.070	46363.520	30.365	31527.195	24.304

1.021	14.689			
8/16/2016 11:00:00 PM	522000.000	119.400	19.120	268.960
41177.008	46386.445	30.382	31542.785	24.285
1.021	14.686			
8/16/2016 11:15:00 PM	522900.000	119.371	19.114	268.895
41127.109	46335.984	30.345	31508.471	24.315
1.021	14.688			
8/16/2016 11:30:00 PM	523800.000	119.330	19.119	268.802
41157.750	46365.809	30.367	31528.752	24.297
1.021	14.685			
8/16/2016 11:45:00 PM	524700.000	119.291	19.111	268.715
41152.730	46367.895	30.368	31530.168	24.300
1.021	14.686			
8/17/2016 12:00:00 AM	525600.000	119.247	19.112	268.616
41120.461	46330.844	30.341	31504.977	24.319
1.021	14.687			
8/17/2016 12:15:00 AM	526500.000	119.197	19.106	268.503
41164.563	46386.109	30.381	31542.557	24.293
1.021	14.688			
8/17/2016 12:30:00 AM	527400.000	119.155	19.110	268.407
41134.148	46347.836	30.353	31516.531	24.311
1.021	14.686			
8/17/2016 12:45:00 AM	528300.000	119.104	19.106	268.294
41153.086	46373.180	30.372	31533.764	24.300
1.021	14.687			
8/17/2016 1:00:00 AM	529200.000	119.044	19.102	268.159
41148.262	46371.738	30.370	31532.785	24.302
1.021	14.685			
8/17/2016 1:15:00 AM	530100.000	118.962	19.116	267.973
41189.676	46404.723	30.395	31555.213	24.278
1.021	14.685			
8/17/2016 1:30:00 AM	531000.000	118.925	19.120	267.891
41175.121	46384.762	30.381	31541.639	24.287
1.021	14.683			
8/17/2016 1:45:00 AM	531900.000	118.859	19.126	267.742
41174.859	46377.758	30.376	31536.877	24.287
1.021	14.678			
8/17/2016 2:00:00 AM	532800.000	118.809	19.118	267.628
41151.723	46360.578	30.363	31525.193	24.300
1.021	14.678			
8/17/2016 2:15:00 AM	533700.000	118.748	19.122	267.492
41138.438	46341.438	30.349	31512.178	24.308
1.021	14.671			
8/17/2016 2:30:00 AM	534600.000	118.689	19.127	267.359
41150.555	46349.949	30.356	31517.967	24.301
1.021	14.678			
8/17/2016 2:45:00 AM	535500.000	118.652	19.122	267.274
41142.996	46346.660	30.353	31515.730	24.305
1.021	14.669			
8/17/2016 3:00:00 AM	536400.000	118.563	19.111	267.076
41186.020	46405.402	30.395	31555.676	24.280
1.021	14.675			
8/17/2016 3:15:00 AM	537300.000	118.528	19.096	266.995
41191.734	46427.094	30.410	31570.426	24.277
1.021	14.670			
8/17/2016 3:30:00 AM	538200.000	118.502	19.097	266.937
41105.656	46329.555	30.339	31504.100	24.328

1.021	14.671			
8/17/2016 3:45:00 AM	539100.000	118.482	19.096	266.892
41138.176	46366.996	30.367	31529.561	24.308
1.021	14.669			
8/17/2016 4:00:00 AM	540000.000	118.458	19.097	266.839
41137.691	46364.965	30.365	31528.178	24.309
1.021	14.664			
8/17/2016 4:15:00 AM	540900.000	118.430	19.097	266.776
41139.566	46367.258	30.367	31529.738	24.307
1.021	14.670			
8/17/2016 4:30:00 AM	541800.000	118.413	19.100	266.738
41152.473	46379.273	30.376	31537.908	24.300
1.021	14.672			
8/17/2016 4:45:00 AM	542700.000	118.419	19.100	266.750
41183.516	46413.473	30.401	31561.162	24.282
1.021	14.663			
8/17/2016 5:00:00 AM	543600.000	118.401	19.103	266.711
41143.762	46366.148	30.366	31528.982	24.305
1.021	14.668			
8/17/2016 5:15:00 AM	544500.000	118.414	19.098	266.739
41127.090	46352.148	30.356	31519.463	24.315
1.021	14.664			
8/17/2016 5:30:00 AM	545400.000	118.376	19.101	266.654
41183.422	46413.277	30.401	31561.031	24.282
1.021	14.669			
8/17/2016 5:45:00 AM	546300.000	118.421	19.097	266.756
41101.273	46324.188	30.335	31500.447	24.330
1.021	14.664			
8/17/2016 6:00:00 AM	547200.000	118.458	19.101	266.839
41157.316	46383.160	30.379	31540.551	24.297
1.021	14.663			
8/17/2016 6:15:00 AM	548100.000	118.440	19.101	266.797
41109.043	46328.758	30.339	31503.555	24.326
1.021	14.668			
8/17/2016 6:30:00 AM	549000.000	118.495	19.097	266.921
41102.977	46326.191	30.337	31501.813	24.329
1.021	14.671			
8/17/2016 6:45:00 AM	549900.000	118.528	19.100	266.996
41115.406	46337.238	30.345	31509.322	24.322
1.021	14.672			
8/17/2016 7:00:00 AM	550800.000	118.564	19.098	267.077
41103.770	46326.473	30.337	31502.002	24.329
1.021	14.675			
8/17/2016 7:15:00 AM	551700.000	118.613	19.100	267.188
41118.262	46340.715	30.348	31511.686	24.320
1.021	14.674			
8/17/2016 7:30:00 AM	552600.000	118.654	19.102	267.279
41114.133	46333.367	30.342	31506.691	24.323
1.021	14.683			
8/17/2016 7:45:00 AM	553500.000	118.693	19.104	267.368
41161.828	46385.109	30.380	31541.875	24.294
1.021	14.681			
8/17/2016 8:00:00 AM	554400.000	118.739	19.102	267.472
41141.270	46364.211	30.365	31527.666	24.306
1.021	14.681			
8/17/2016 8:15:00 AM	555300.000	118.775	19.103	267.553
41130.602	46351.492	30.356	31519.016	24.313
1.021	14.686			

8/17/2016 8:30:00 AM	556200.000	118.800	19.103	267.608
41105.914	46323.590	30.335	31500.041	24.327
1.021	14.686			
8/17/2016 8:45:00 AM	557100.000	118.834	19.108	267.686
41154.008	46373.074	30.372	31533.693	24.299
1.021	14.684			
8/17/2016 9:00:00 AM	558000.000	118.903	19.118	267.841
41144.000	46351.012	30.356	31518.688	24.305
1.021	14.686			
8/17/2016 9:15:00 AM	558900.000	118.946	19.109	267.938
41131.723	46346.492	30.352	31515.617	24.312
1.021	14.681			
8/17/2016 9:30:00 AM	559800.000	118.953	19.102	267.954
41160.801	46386.563	30.381	31542.863	24.295
1.021	14.684			
8/17/2016 9:45:00 AM	560700.000	118.985	19.100	268.025
41104.215	46324.719	30.336	31500.811	24.328
1.021	14.686			
8/17/2016 10:00:00 AM	561600.000	119.045	19.106	268.159
41167.004	46389.469	30.383	31544.842	24.291
1.021	14.684			
8/17/2016 10:15:00 AM	562500.000	119.066	19.106	268.208
41115.145	46330.855	30.341	31504.984	24.322
1.021	14.684			
8/17/2016 10:30:00 AM	563400.000	119.093	19.105	268.269
41158.914	46381.570	30.378	31539.471	24.296
1.021	14.687			
8/17/2016 10:45:00 AM	564300.000	119.078	19.105	268.235
41149.375	46370.379	30.369	31531.859	24.302
1.021	14.684			
8/17/2016 11:00:00 AM	565200.000	119.109	19.108	268.305
41202.031	46426.934	30.411	31570.316	24.271
1.021	14.685			
8/17/2016 11:15:00 AM	566100.000	119.125	19.109	268.341
41125.625	46340.141	30.348	31511.299	24.316
1.021	14.682			
8/17/2016 11:30:00 AM	567000.000	119.102	19.110	268.288
41124.363	46337.418	30.346	31509.447	24.316
1.021	14.683			
8/17/2016 11:45:00 AM	567900.000	119.119	19.119	268.328
41128.262	46333.016	30.343	31506.453	24.314
1.021	14.680			
8/17/2016 12:00:00 PM	568800.000	119.122	19.104	268.333
41156.324	46379.605	30.376	31538.133	24.298
1.021	14.677			
8/17/2016 12:15:00 PM	569700.000	119.110	19.109	268.307
41145.020	46361.563	30.363	31525.865	24.304
1.021	14.679			
8/17/2016 12:30:00 PM	570600.000	119.072	19.108	268.221
41157.699	46376.449	30.374	31535.988	24.297
1.021	14.693			
8/17/2016 12:45:00 PM	571500.000	119.060	19.108	268.195
41120.688	46334.918	30.344	31507.746	24.319
1.021	14.683			
8/17/2016 1:00:00 PM	572400.000	119.045	19.105	268.161
41146.625	46367.457	30.367	31529.873	24.303
1.021	14.676			

8/17/2016 1:15:00 PM	573300.000	119.028	19.103	268.123
41141.859	46363.828	30.365	31527.406	24.306
1.021	14.679			
8/17/2016 1:30:00 PM	574200.000	119.010	19.109	268.081
41122.797	46336.953	30.345	31509.131	24.317
1.021	14.669			
8/17/2016 1:45:00 PM	575100.000	118.981	19.107	268.016
41134.758	46352.441	30.356	31519.660	24.310
1.021	14.673			
8/17/2016 2:00:00 PM	576000.000	118.935	19.108	267.914
41113.461	46326.512	30.338	31502.029	24.323
1.021	14.668			
8/17/2016 2:15:00 PM	576900.000	118.897	19.107	267.828
41121.930	46337.801	30.346	31509.707	24.318
1.021	14.675			
8/17/2016 2:30:00 PM	577800.000	118.867	19.102	267.760
41144.348	46367.680	30.367	31530.025	24.305
1.021	14.680			
8/17/2016 2:45:00 PM	578700.000	118.868	19.102	267.761
41141.340	46364.730	30.365	31528.020	24.306
1.021	14.674			
8/17/2016 3:00:00 PM	579600.000	118.864	19.101	267.754
41135.969	46359.012	30.361	31524.129	24.310
1.021	14.671			
8/17/2016 3:15:00 PM	580500.000	118.829	19.109	267.674
41151.699	46368.645	30.368	31530.680	24.300
1.021	14.671			
8/17/2016 3:30:00 PM	581400.000	118.792	19.105	267.589
41107.449	46323.578	30.335	31500.035	24.326
1.021	14.668			
8/17/2016 3:45:00 PM	582300.000	118.795	19.104	267.598
41145.445	46367.090	30.367	31529.623	24.304
1.021	14.669			
8/17/2016 4:00:00 PM	583200.000	118.793	19.104	267.592
41122.320	46341.371	30.348	31512.135	24.318
1.021	14.668			
8/17/2016 4:15:00 PM	584100.000	118.791	19.107	267.588
41143.773	46361.980	30.363	31526.148	24.305
1.021	14.659			
8/17/2016 4:30:00 PM	585000.000	118.792	19.110	267.592
41177.551	46397.164	30.389	31550.074	24.285
1.021	14.662			
8/17/2016 4:45:00 PM	585900.000	118.794	19.106	267.595
41149.582	46369.488	30.369	31531.254	24.302
1.021	14.660			
8/17/2016 5:00:00 PM	586800.000	118.771	19.105	267.543
41130.746	46349.746	30.354	31517.830	24.313
1.021	14.661			
8/17/2016 5:15:00 PM	587700.000	118.812	19.104	267.635
41116.688	46334.328	30.343	31507.346	24.321
1.021	14.657			
8/17/2016 5:30:00 PM	588600.000	118.814	19.106	267.640
41107.992	46322.531	30.335	31499.322	24.326
1.021	14.660			
8/17/2016 5:45:00 PM	589500.000	118.857	19.102	267.736
41116.051	46335.703	30.344	31508.281	24.321
1.021	14.661			
8/17/2016 6:00:00 PM	590400.000	118.878	19.104	267.785

41178.359	46404.438	30.394	31555.020	24.285
1.021	14.657			
8/17/2016 6:15:00 PM	591300.000	118.924	19.110	267.888
41125.094	46337.883	30.346	31509.762	24.316
1.021	14.653			
8/17/2016 6:30:00 PM	592200.000	118.942	19.101	267.928
41137.773	46361.313	30.363	31525.695	24.309
1.021	14.655			
8/17/2016 6:45:00 PM	593100.000	118.961	19.101	267.971
41115.637	46336.273	30.344	31508.668	24.322
1.021	14.660			
8/17/2016 7:00:00 PM	594000.000	119.005	19.098	268.071
41148.770	46376.750	30.374	31536.189	24.302
1.021	14.656			
8/17/2016 7:15:00 PM	594900.000	119.063	19.101	268.202
41112.180	46332.379	30.342	31506.020	24.324
1.021	14.651			
8/17/2016 7:30:00 PM	595800.000	119.090	19.102	268.262
41130.340	46352.332	30.356	31519.586	24.313
1.021	14.654			
8/17/2016 7:45:00 PM	596700.000	119.135	19.106	268.364
41137.648	46355.859	30.359	31521.986	24.309
1.021	14.654			
8/17/2016 8:00:00 PM	597600.000	119.162	19.106	268.424
41119.469	46335.641	30.344	31508.238	24.319
1.021	14.657			
8/17/2016 8:15:00 PM	598500.000	119.192	19.103	268.491
41112.977	46331.199	30.341	31505.217	24.323
1.021	14.659			
8/17/2016 8:30:00 PM	599400.000	119.249	19.107	268.621
41206.969	46433.543	30.416	31574.811	24.268
1.021	14.664			
8/17/2016 8:45:00 PM	600300.000	119.278	19.108	268.686
41151.781	46370.223	30.369	31531.754	24.300
1.021	14.666			
8/17/2016 9:00:00 PM	601200.000	119.324	19.109	268.789
41135.516	46351.117	30.356	31518.760	24.310
1.021	14.667			
8/17/2016 9:15:00 PM	602100.000	119.354	19.102	268.856
41148.891	46372.445	30.371	31533.266	24.302
1.021	14.663			
8/17/2016 9:30:00 PM	603000.000	119.354	19.104	268.858
41139.617	46360.695	30.362	31525.273	24.307
1.021	14.667			
8/17/2016 9:45:00 PM	603900.000	119.398	19.105	268.956
41148.867	46369.902	30.369	31531.535	24.302
1.021	14.668			
8/17/2016 10:00:00 PM	604800.000	119.411	19.108	268.986
41143.938	46361.477	30.363	31525.807	24.305
1.021	14.668			
8/17/2016 10:15:00 PM	605700.000	119.416	19.116	268.995
41152.207	46362.867	30.364	31526.750	24.300
1.021	14.659			
8/17/2016 10:30:00 PM	606600.000	119.420	19.123	269.004
41169.676	46375.234	30.374	31535.162	24.290
1.021	14.662			
8/17/2016 10:45:00 PM	607500.000	119.406	19.127	268.973

41149.277	46348.688	30.355	31517.109	24.302
1.021	14.669			
8/17/2016 11:00:00 PM	608400.000	119.386	19.122	268.929
41161.266	46366.367	30.367	31529.133	24.295
1.021	14.665			
8/17/2016 11:15:00 PM	609300.000	119.369	19.112	268.890
41150.102	46364.754	30.366	31528.035	24.301
1.021	14.666			
8/17/2016 11:30:00 PM	610200.000	119.368	19.108	268.888
41180.527	46402.082	30.393	31553.418	24.283
1.021	14.663			
8/17/2016 11:45:00 PM	611100.000	119.339	19.107	268.823
41168.758	46390.223	30.384	31545.354	24.290
1.021	14.668			

Report Date: 8/19/2016 12:29:00 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1M Pre Test_2016-08-18_11-15-53-419.wsl
Create Date: 8/18/2016 11:15:30 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

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

10/29/2015 2:38:58 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:45:00 PM

11/5/2015 1:36:34 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 1:45:00 PM

11/12/2015 9:28:41 AM Log Download - Used Battery: 15% Used Memory: 40% User Name: CShaw Interval - Start Time: 10/12/2015 3:05:00 PM Stop Time: 11/12/2015 6:00:00 PM

11/19/2015 2:48:35 PM Log Download - Used Battery: 15% Used Memory: 40% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:45:00 PM

11/29/2015 9:07:43 AM Log Download - Used Battery: 15% Used Memory: 42% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 9:00:00 AM

12/3/2015 10:38:28 AM Log Download - Used Battery: 16% Used Memory: 42% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM

12/10/2015 8:46:06 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 8:45:00 AM

12/17/2015 11:05:36 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM

1/3/2016 9:53:52 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM

1/7/2016 10:08:55 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM

1/14/2016 8:22:00 AM Log Download - Used Battery: 18% Used Memory: 46% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM

1/21/2016 11:35:20 AM Log Download - Used Battery: 18% Used Memory: 48% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM

1/28/2016 1:41:34 PM Log Download - Used Battery: 18% Used Memory: 48% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM

2/4/2016 9:12:58 AM Log Download - Used Battery: 19% Used Memory: 50% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM

2/11/2016 9:05:46 AM Log Download - Used Battery: 19% Used Memory: 51% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM

2/18/2016 8:55:44 AM Log Download - Used Battery: 20% Used Memory: 51% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45:00 AM

2/25/2016 11:52:16 AM Log Download - Used Battery: 20% Used Memory: 53% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM

3/3/2016 8:43:03 AM Log Download - Used Battery: 20% Used Memory: 53% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 8:45:00 AM

3/10/2016 8:30:57 AM Log Download - Used Battery: 21% Used Memory: 54% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM

3/17/2016 5:46:25 PM Log Download - Used Battery: 21% Used Memory: 54% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:45:00 PM

3/24/2016 12:15:30 PM Log Download - Used Battery: 21% Used Memory: 56% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM

3/31/2016 10:55:06 AM Log Download - Used Battery: 22% Used Memory: 56% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 10:45:00 AM

4/7/2016 11:56:20 AM Log Download - Used Battery: 22% Used Memory: 57% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 11:45:00 AM

4/14/2016 1:17:14 PM Log Download - Used Battery: 22% Used Memory: 57% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 2:00:00 PM

4/21/2016 10:27:16 AM Log Download - Used Battery: 23% Used Memory: 59% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 11:15:00 AM

4/28/2016 11:00:59 AM Log Download - Used Battery: 23% Used Memory: 59% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:00:00 AM

5/5/2016 12:34:04 PM Log Download - Used Battery: 24% Used Memory: 60% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 12:30:00 PM

5/12/2016 3:55:59 PM Log Download - Used Battery: 24% Used Memory: 60% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 4:45:00 PM

5/19/2016 4:26:51 PM Log Download - Used Battery: 24% Used Memory: 62% User Name: ELinden Interval - Start

Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 5:15:00 PM
 5/26/2016 2:15:18 PM Log Download - Used Battery: 25% Used Memory: 62% User Name: SKuiper Interval - Start
 Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:15:00 PM
 6/2/2016 2:23:30 PM Log Download - Used Battery: 25% Used Memory: 64% User Name: SKuiper Interval - Start
 Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 3:15:00 PM

Log Data:

Record Count: 724

Sensors: 1

1 - 395424: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight 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	
395424	SN#: 395424	395424	SN#: 395424	395424	SN#: 395424
SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
8/11/2016 12:00:00 AM	7200.000	67.203	15.794	151.381	
42017.496	50982.254	33.549	34.668	23.800	
1.025					
8/11/2016 12:15:00 AM	8100.000	67.198	15.794	151.370	
42023.926	50990.172	33.555	34.673	23.796	
1.025					
8/11/2016 12:30:00 AM	9000.000	67.194	15.794	151.361	
42014.414	50977.789	33.546	34.665	23.801	
1.025					
8/11/2016 12:45:00 AM	9900.000	67.183	15.795	151.337	
42007.504	50968.156	33.539	34.658	23.805	
1.025					
8/11/2016 1:00:00 AM	10800.000	67.183	15.794	151.335	
41984.852	50942.020	33.520	34.641	23.818	
1.025					
8/11/2016 1:15:00 AM	11700.000	67.175	15.796	151.318	
42018.895	50981.363	33.549	34.667	23.799	
1.025					
8/11/2016 1:30:00 AM	12600.000	67.171	15.795	151.310	
42015.344	50977.570	33.546	34.665	23.801	
1.025					
8/11/2016 1:45:00 AM	13500.000	67.172	15.796	151.312	
42007.055	50966.781	33.538	34.657	23.806	
1.025					
8/11/2016 2:00:00 AM	14400.000	67.171	15.796	151.309	
42012.266	50973.723	33.543	34.662	23.803	
1.025					
8/11/2016 2:15:00 AM	15300.000	67.169	15.796	151.305	
41988.773	50944.816	33.522	34.642	23.816	
1.025					

8/11/2016 2:30:00 AM 41981.570 1.025	16200.000 50934.719	67.161 33.515	15.797 34.636	151.286 23.820
8/11/2016 2:45:00 AM 42039.270 1.025	17100.000 51004.723	67.165 33.566	15.797 34.683	151.295 23.787
8/11/2016 3:00:00 AM 42016.531 1.025	18000.000 50977.645	67.166 33.546	15.797 34.665	151.299 23.800
8/11/2016 3:15:00 AM 42027.047 1.025	18900.000 50989.891	67.161 33.555	15.797 34.673	151.286 23.794
8/11/2016 3:30:00 AM 41980.629 1.025	19800.000 50933.152	67.161 33.514	15.797 34.635	151.286 23.821
8/11/2016 3:45:00 AM 41997.609 1.025	20700.000 50954.070	67.165 33.529	15.797 34.649	151.295 23.811
8/11/2016 4:00:00 AM 41992.164 1.025	21600.000 50947.352	67.165 33.524	15.797 34.644	151.295 23.814
8/11/2016 4:15:00 AM 42013.281 1.025	22500.000 50971.625	67.165 33.542	15.798 34.661	151.295 23.802
8/11/2016 4:30:00 AM 42010.965 1.025	23400.000 50969.027	67.152 33.540	15.798 34.659	151.266 23.803
8/11/2016 4:45:00 AM 41988.684 1.025	24300.000 50941.574	67.166 33.520	15.799 34.640	151.298 23.816
8/11/2016 5:00:00 AM 41995.121 1.025	25200.000 50948.961	67.165 33.525	15.799 34.645	151.297 23.812
8/11/2016 5:15:00 AM 42026.617 1.025	26100.000 50988.336	67.167 33.554	15.798 34.672	151.301 23.794
8/11/2016 5:30:00 AM 42044.227 1.025	27000.000 51009.898	67.168 33.570	15.798 34.687	151.303 23.784
8/11/2016 5:45:00 AM 41981.516 1.025	27900.000 50932.246	67.169 33.513	15.799 34.634	151.304 23.820
8/11/2016 6:00:00 AM 42002.680 1.025	28800.000 50958.977	67.166 33.533	15.798 34.652	151.298 23.808
8/11/2016 6:15:00 AM 42008.520 1.025	29700.000 50965.430	67.168 33.537	15.799 34.656	151.303 23.805
8/11/2016 6:30:00 AM 42000.914 1.025	30600.000 50955.063	67.166 33.530	15.800 34.649	151.299 23.809
8/11/2016 6:45:00 AM 41993.223 1.025	31500.000 50946.449	67.165 33.523	15.799 34.644	151.297 23.813
8/11/2016 7:00:00 AM 42006.801 1.025	32400.000 50963.445	67.164 33.536	15.799 34.655	151.293 23.806

8/11/2016 7:15:00 AM 41999.160 1.025	33300.000 50952.629	67.158 33.528	15.800 34.648	151.280 23.810
8/11/2016 7:30:00 AM 42030.859 1.025	34200.000 50991.391	67.160 33.557	15.800 34.674	151.286 23.792
8/11/2016 7:45:00 AM 42007.133 1.025	35100.000 50962.918	67.157 33.536	15.799 34.655	151.277 23.805
8/11/2016 8:00:00 AM 41998.789 1.025	36000.000 50953.320	67.156 33.528	15.799 34.648	151.275 23.810
8/11/2016 8:15:00 AM 42003.852 1.025	36900.000 50958.832	67.152 33.533	15.799 34.652	151.266 23.807
8/11/2016 8:30:00 AM 42004.070 1.025	37800.000 50958.891	67.149 33.533	15.800 34.652	151.259 23.807
8/11/2016 8:45:00 AM 41998.531 1.025	38700.000 50952.063	67.150 33.528	15.800 34.647	151.261 23.810
8/11/2016 9:00:00 AM 41995.816 1.025	39600.000 50948.254	67.142 33.525	15.800 34.645	151.243 23.812
8/11/2016 9:15:00 AM 42023.957 1.025	40500.000 50983.223	67.143 33.550	15.799 34.669	151.246 23.796
8/11/2016 9:30:00 AM 42045.762 1.025	41400.000 51009.047	67.140 33.570	15.800 34.686	151.238 23.784
8/11/2016 9:45:00 AM 41992.309 1.025	42300.000 50945.242	67.133 33.523	15.799 34.643	151.223 23.814
8/11/2016 10:00:00 AM 42001.102 1.025	43200.000 50955.184	67.130 33.530	15.800 34.650	151.217 23.809
8/11/2016 10:15:00 AM 41962.488 1.025	44100.000 50907.297	67.126 33.495	15.801 34.617	151.207 23.831
8/11/2016 10:30:00 AM 42014.777 1.025	45000.000 50971.457	67.123 33.542	15.800 34.661	151.202 23.801
8/11/2016 10:45:00 AM 42033.426 1.025	45900.000 50993.676	67.123 33.558	15.800 34.676	151.201 23.791
8/11/2016 11:00:00 AM 41994.863 1.025	46800.000 50946.781	67.123 33.524	15.800 34.644	151.201 23.812
8/11/2016 11:15:00 AM 42009.508 1.025	47700.000 50963.711	67.120 33.536	15.801 34.655	151.193 23.804
8/11/2016 11:30:00 AM 41996.512 1.025	48600.000 50947.344	67.116 33.524	15.802 34.644	151.184 23.812
8/11/2016 11:45:00 AM 41996.777 1.025	49500.000 50948.070	67.117 33.525	15.801 34.645	151.189 23.811

8/11/2016 12:00:00 PM 42027.363 1.025	50400.000 50985.488	67.112 33.552	15.801 34.670	151.177 23.794
8/11/2016 12:15:00 PM 42025.559 1.025	51300.000 50983.613	67.121 33.551	15.801 34.669	151.196 23.795
8/11/2016 12:30:00 PM 42010.305 1.025	52200.000 50964.895	67.119 33.537	15.801 34.656	151.191 23.804
8/11/2016 12:45:00 PM 41953.504 1.025	53100.000 50895.363	67.115 33.486	15.802 34.609	151.184 23.836
8/11/2016 1:00:00 PM 41995.090 1.025	54000.000 50946.336	67.113 33.524	15.801 34.644	151.178 23.812
8/11/2016 1:15:00 PM 41980.410 1.025	54900.000 50927.898	67.117 33.510	15.802 34.631	151.188 23.821
8/11/2016 1:30:00 PM 41999.145 1.025	55800.000 50950.223	67.115 33.526	15.802 34.646	151.183 23.810
8/11/2016 1:45:00 PM 42030.668 1.025	56700.000 50988.027	67.123 33.554	15.802 34.672	151.200 23.792
8/11/2016 2:00:00 PM 41994.777 1.025	57600.000 50945.328	67.123 33.523	15.802 34.643	151.202 23.812
8/11/2016 2:15:00 PM 41962.199 1.025	58500.000 50904.457	67.126 33.493	15.803 34.615	151.208 23.831
8/11/2016 2:30:00 PM 42005.828 1.025	59400.000 50958.012	67.128 33.532	15.802 34.651	151.211 23.806
8/11/2016 2:45:00 PM 42014.051 1.025	60300.000 50967.355	67.133 33.539	15.803 34.658	151.224 23.802
8/11/2016 3:00:00 PM 41982.430 1.025	61200.000 50929.508	67.137 33.511	15.802 34.632	151.232 23.819
8/11/2016 3:15:00 PM 42030.926 1.025	62100.000 50988.559	67.143 33.555	15.802 34.672	151.246 23.792
8/11/2016 3:30:00 PM 41981.848 1.025	63000.000 50929.438	67.151 33.511	15.802 34.632	151.264 23.820
8/11/2016 3:45:00 PM 41985.258 1.025	63900.000 50932.852	67.149 33.514	15.802 34.634	151.259 23.818
8/11/2016 4:00:00 PM 41991.031 1.025	64800.000 50940.160	67.159 33.519	15.802 34.639	151.282 23.815
8/11/2016 4:15:00 PM 42001.418 1.025	65700.000 50953.703	67.159 33.529	15.801 34.649	151.282 23.809
8/11/2016 4:30:00 PM 42009.992 1.025	66600.000 50964.102	67.167 33.537	15.801 34.656	151.301 23.804

8/11/2016 4:45:00 PM 41968.008 1.025	67500.000 50913.363	67.173 33.499	15.801 34.621	151.313 23.828
8/11/2016 5:00:00 PM 42011.969 1.025	68400.000 50966.500	67.177 33.538	15.801 34.657	151.323 23.803
8/11/2016 5:15:00 PM 41983.566 1.025	69300.000 50932.238	67.180 33.513	15.801 34.634	151.329 23.819
8/11/2016 5:30:00 PM 42002.891 1.025	70200.000 50955.594	67.187 33.530	15.801 34.650	151.346 23.808
8/11/2016 5:45:00 PM 41995.023 1.025	71100.000 50946.672	67.189 33.524	15.801 34.644	151.350 23.812
8/11/2016 6:00:00 PM 42013.766 1.025	72000.000 50969.824	67.198 33.541	15.800 34.659	151.371 23.802
8/11/2016 6:15:00 PM 41979.879 1.025	72900.000 50928.395	67.198 33.510	15.801 34.631	151.371 23.821
8/11/2016 6:30:00 PM 42011.352 1.025	73800.000 50968.348	67.202 33.540	15.799 34.658	151.378 23.803
8/11/2016 6:45:00 PM 41991.680 1.025	74700.000 50944.785	67.203 33.522	15.799 34.642	151.381 23.814
8/11/2016 7:00:00 PM 42015.813 1.025	75600.000 50972.711	67.211 33.543	15.800 34.661	151.398 23.801
8/11/2016 7:15:00 PM 41982.844 1.025	76500.000 50934.488	67.207 33.515	15.799 34.635	151.390 23.819
8/11/2016 7:30:00 PM 41978.602 1.025	77400.000 50929.027	67.208 33.511	15.799 34.632	151.392 23.822
8/11/2016 7:45:00 PM 41969.273 1.025	78300.000 50917.512	67.205 33.502	15.799 34.624	151.387 23.827
8/11/2016 8:00:00 PM 41980.684 1.025	79200.000 50933.121	67.205 33.514	15.797 34.635	151.385 23.820
8/11/2016 8:15:00 PM 41995.422 1.025	80100.000 50949.539	67.205 33.526	15.799 34.646	151.385 23.812
8/11/2016 8:30:00 PM 41981.266 1.025	81000.000 50933.207	67.205 33.514	15.798 34.635	151.387 23.820
8/11/2016 8:45:00 PM 41996.035 1.025	81900.000 50951.844	67.203 33.527	15.797 34.647	151.382 23.812
8/11/2016 9:00:00 PM 41971.723 1.025	82800.000 50922.664	67.201 33.506	15.797 34.627	151.376 23.826
8/11/2016 9:15:00 PM 42023.406 1.025	83700.000 50984.539	67.193 33.551	15.798 34.669	151.360 23.796

8/11/2016 9:30:00 PM 41994.801 1.025	84600.000 50950.250	67.194 33.526	15.797 34.646	151.360 23.812
8/11/2016 9:45:00 PM 41991.832 1.025	85500.000 50946.332	67.190 33.523	15.798 34.644	151.351 23.814
8/11/2016 10:00:00 PM 41980.082 1.025	86400.000 50932.910	67.183 33.513	15.797 34.634	151.335 23.821
8/11/2016 10:15:00 PM 41996.793 1.025	87300.000 50952.563	67.180 33.528	15.798 34.648	151.330 23.811
8/11/2016 10:30:00 PM 42019.988 1.025	88200.000 50981.023	67.172 33.549	15.797 34.667	151.312 23.798
8/11/2016 10:45:00 PM 42011.063 1.025	89100.000 50971.547	67.172 33.542	15.796 34.661	151.312 23.803
8/11/2016 11:00:00 PM 41998.234 1.025	90000.000 50955.250	67.165 33.530	15.797 34.650	151.297 23.811
8/11/2016 11:15:00 PM 41985.855 1.025	90900.000 50939.492	67.156 33.518	15.797 34.639	151.276 23.818
8/11/2016 11:30:00 PM 42019.492 1.025	91800.000 50979.789	67.148 33.548	15.798 34.666	151.258 23.798
8/11/2016 11:45:00 PM 41965.035 1.025	92700.000 50913.406	67.144 33.499	15.798 34.621	151.248 23.829
8/12/2016 12:00:00 AM 42011.449 1.025	93600.000 50969.719	67.139 33.540	15.798 34.659	151.238 23.803
8/12/2016 12:15:00 AM 42022.109 1.025	94500.000 50982.129	67.132 33.550	15.799 34.668	151.221 23.797
8/12/2016 12:30:00 AM 41979.262 1.025	95400.000 50931.492	67.123 33.512	15.797 34.633	151.202 23.821
8/12/2016 12:45:00 AM 42028.500 1.025	96300.000 50990.086	67.123 33.555	15.798 34.673	151.200 23.793
8/12/2016 1:00:00 AM 41990.582 1.025	97200.000 50943.668	67.114 33.521	15.799 34.642	151.181 23.815
8/12/2016 1:15:00 AM 41992.125 1.025	98100.000 50945.020	67.112 33.522	15.799 34.643	151.177 23.814
8/12/2016 1:30:00 AM 42004.086 1.025	99000.000 50960.262	67.103 33.534	15.799 34.653	151.157 23.807
8/12/2016 1:45:00 AM 42005.477 1.025	99900.000 50961.008	67.102 33.534	15.799 34.653	151.154 23.806
8/12/2016 2:00:00 AM 42021.246 1.025	100800.000 50980.566	67.094 33.548	15.799 34.667	151.135 23.797

8/12/2016 2:15:00 AM 41969.273 1.025	101700.000 50915.848	67.091 33.501	15.800 34.623	151.129 23.827
8/12/2016 2:30:00 AM 42032.340 1.025	102600.000 50992.355	67.090 33.557	15.800 34.675	151.126 23.791
8/12/2016 2:45:00 AM 42012.789 1.025	103500.000 50968.121	67.089 33.539	15.801 34.658	151.124 23.802
8/12/2016 3:00:00 AM 42012.445 1.025	104400.000 50967.809	67.088 33.539	15.801 34.658	151.122 23.802
8/12/2016 3:15:00 AM 41987.211 1.025	105300.000 50937.496	67.086 33.517	15.800 34.637	151.118 23.817
8/12/2016 3:30:00 AM 42026.270 1.025	106200.000 50984.477	67.086 33.552	15.801 34.669	151.118 23.795
8/12/2016 3:45:00 AM 41992.836 1.025	107100.000 50943.801	67.088 33.522	15.801 34.642	151.122 23.814
8/12/2016 4:00:00 AM 42009.875 1.025	108000.000 50964.473	67.087 33.537	15.801 34.656	151.121 23.804
8/12/2016 4:15:00 AM 42043.207 1.025	108900.000 51005.023	67.084 33.567	15.801 34.683	151.114 23.785
8/12/2016 4:30:00 AM 42011.035 1.025	109800.000 50964.965	67.086 33.537	15.802 34.656	151.118 23.803
8/12/2016 4:45:00 AM 41971.945 1.025	110700.000 50917.543	67.092 33.502	15.802 34.624	151.132 23.825
8/12/2016 5:00:00 AM 41989.898 1.025	111600.000 50939.832	67.092 33.519	15.801 34.639	151.132 23.815
8/12/2016 5:15:00 AM 42026.539 1.025	112500.000 50983.555	67.093 33.551	15.802 34.669	151.133 23.794
8/12/2016 5:30:00 AM 42000.832 1.025	113400.000 50952.672	67.093 33.528	15.802 34.648	151.133 23.809
8/12/2016 5:45:00 AM 42022.375 1.025	114300.000 50977.664	67.100 33.547	15.803 34.665	151.150 23.797
8/12/2016 6:00:00 AM 42011.664 1.025	115200.000 50964.461	67.100 33.537	15.803 34.656	151.150 23.803
8/12/2016 6:15:00 AM 42022.844 1.025	116100.000 50978.973	67.102 33.548	15.802 34.666	151.154 23.797
8/12/2016 6:30:00 AM 41991.918 1.025	117000.000 50939.355	67.105 33.519	15.804 34.639	151.160 23.814
8/12/2016 6:45:00 AM 41972.152 1.025	117900.000 50915.496	67.105 33.501	15.804 34.623	151.160 23.825

8/12/2016 7:00:00 AM 41980.234 1.025	118800.000 50925.500	67.106 33.508	15.803 34.629	151.163 23.821
8/12/2016 7:15:00 AM 42028.406 1.025	119700.000 50984.055	67.112 33.551	15.803 34.669	151.177 23.793
8/12/2016 7:30:00 AM 41994.586 1.025	120600.000 50943.656	67.113 33.522	15.803 34.642	151.179 23.813
8/12/2016 7:45:00 AM 42004.375 1.025	121500.000 50955.621	67.113 33.530	15.803 34.650	151.179 23.807
8/12/2016 8:00:00 AM 41967.352 1.025	122400.000 50910.813	67.120 33.498	15.803 34.619	151.193 23.828
8/12/2016 8:15:00 AM 41997.398 1.025	123300.000 50947.668	67.123 33.525	15.802 34.644	151.202 23.811
8/12/2016 8:30:00 AM 42005.414 1.025	124200.000 50956.477	67.119 33.531	15.803 34.650	151.191 23.806
8/12/2016 8:45:00 AM 41979.332 1.025	125100.000 50925.035	67.117 33.508	15.803 34.629	151.189 23.821
8/12/2016 9:00:00 AM 41981.664 1.025	126000.000 50927.863	67.125 33.510	15.803 34.631	151.205 23.820
8/12/2016 9:15:00 AM 41994.969 1.025	126900.000 50944.004	67.120 33.522	15.803 34.642	151.195 23.812
8/12/2016 9:30:00 AM 41996.012 1.025	127800.000 50946.105	67.120 33.523	15.802 34.643	151.193 23.812
8/12/2016 9:45:00 AM 41995.898 1.025	128700.000 50945.031	67.116 33.523	15.803 34.643	151.184 23.812
8/12/2016 10:00:00 AM 42036.074 1.025	129600.000 50993.551	67.117 33.558	15.803 34.676	151.189 23.789
8/12/2016 10:15:00 AM 41979.297 1.025	130500.000 50924.480	67.116 33.508	15.803 34.629	151.184 23.821
8/12/2016 10:30:00 AM 42009.590 1.025	131400.000 50962.156	67.113 33.535	15.803 34.654	151.179 23.804
8/12/2016 10:45:00 AM 41985.703 1.025	132300.000 50932.762	67.112 33.514	15.803 34.634	151.176 23.818
8/12/2016 11:00:00 AM 41986.375 1.025	133200.000 50933.379	67.108 33.514	15.803 34.635	151.168 23.817
8/12/2016 11:15:00 AM 42009.781 1.025	134100.000 50962.906	67.112 33.536	15.802 34.655	151.177 23.804
8/12/2016 11:30:00 AM 41984.133 1.025	135000.000 50930.855	67.110 33.512	15.803 34.633	151.173 23.819

8/12/2016 11:45:00 AM 42001.191 1.025	135900.000 50951.352	67.106 33.527	15.803 34.647	151.162 23.809
8/12/2016 12:00:00 PM 41999.961 1.025	136800.000 50950.371	67.103 33.527	15.803 34.646	151.157 23.810
8/12/2016 12:15:00 PM 42011.004 1.025	137700.000 50963.453	67.103 33.536	15.803 34.655	151.155 23.803
8/12/2016 12:30:00 PM 41977.625 1.025	138600.000 50923.168	67.103 33.507	15.803 34.628	151.156 23.822
8/12/2016 12:45:00 PM 41985.395 1.025	139500.000 50932.070	67.099 33.513	15.803 34.634	151.148 23.818
8/12/2016 1:00:00 PM 41989.238 1.025	140400.000 50936.629	67.100 33.517	15.803 34.637	151.150 23.816
8/12/2016 1:15:00 PM 41983.676 1.025	141300.000 50929.355	67.103 33.511	15.804 34.632	151.157 23.819
8/12/2016 1:30:00 PM 42014.129 1.025	142200.000 50965.785	67.103 33.538	15.804 34.657	151.155 23.802
8/12/2016 1:45:00 PM 41985.492 1.025	143100.000 50932.191	67.108 33.513	15.803 34.634	151.166 23.818
8/12/2016 2:00:00 PM 41990.496 1.025	144000.000 50938.477	67.103 33.518	15.803 34.638	151.155 23.815
8/12/2016 2:15:00 PM 41966.730 1.025	144900.000 50908.395	67.109 33.496	15.804 34.618	151.169 23.828
8/12/2016 2:30:00 PM 41995.723 1.025	145800.000 50943.770	67.109 33.522	15.804 34.642	151.168 23.812
8/12/2016 2:45:00 PM 41976.230 1.025	146700.000 50920.848	67.113 33.505	15.803 34.626	151.179 23.823
8/12/2016 3:00:00 PM 42028.891 1.025	147600.000 50984.117	67.120 33.551	15.804 34.669	151.193 23.793
8/12/2016 3:15:00 PM 41985.109 1.025	148500.000 50931.313	67.123 33.513	15.804 34.633	151.200 23.818
8/12/2016 3:30:00 PM 42020.914 1.025	149400.000 50974.441	67.128 33.544	15.804 34.663	151.211 23.798
8/12/2016 3:45:00 PM 41985.902 1.025	150300.000 50931.969	67.130 33.513	15.804 34.634	151.217 23.818
8/12/2016 4:00:00 PM 41985.816 1.025	151200.000 50932.801	67.137 33.514	15.803 34.634	151.232 23.818
8/12/2016 4:15:00 PM 42010.758 1.025	152100.000 50963.363	67.146 33.536	15.803 34.655	151.253 23.803

8/12/2016 4:30:00 PM 41973.504 1.025	153000.000 50918.379	67.150 33.503	15.803 34.624	151.261 23.825
8/12/2016 4:45:00 PM 42009.762 1.025	153900.000 50962.473	67.158 33.535	15.802 34.654	151.279 23.804
8/12/2016 5:00:00 PM 41960.668 1.025	154800.000 50903.227	67.165 33.492	15.802 34.614	151.297 23.832
8/12/2016 5:15:00 PM 41986.715 1.025	155700.000 50934.824	67.172 33.515	15.802 34.636	151.312 23.817
8/12/2016 5:30:00 PM 41993.879 1.025	156600.000 50943.617	67.179 33.522	15.802 34.642	151.326 23.813
8/12/2016 5:45:00 PM 41992.379 1.025	157500.000 50942.418	67.182 33.521	15.802 34.641	151.335 23.814
8/12/2016 6:00:00 PM 42012.547 1.025	158400.000 50966.480	67.190 33.538	15.802 34.657	151.352 23.802
8/12/2016 6:15:00 PM 41997.414 1.025	159300.000 50949.258	67.193 33.526	15.801 34.645	151.358 23.811
8/12/2016 6:30:00 PM 41976.152 1.025	160200.000 50922.941	67.199 33.506	15.801 34.628	151.372 23.823
8/12/2016 6:45:00 PM 42014.176 1.025	161100.000 50968.773	67.207 33.540	15.802 34.659	151.390 23.801
8/12/2016 7:00:00 PM 41988.762 1.025	162000.000 50938.543	67.211 33.518	15.801 34.638	151.398 23.816
8/12/2016 7:15:00 PM 41992.727 1.025	162900.000 50944.922	67.215 33.522	15.800 34.643	151.409 23.814
8/12/2016 7:30:00 PM 42004.414 1.025	163800.000 50957.648	67.215 33.532	15.801 34.651	151.409 23.807
8/12/2016 7:45:00 PM 41988.609 1.025	164700.000 50939.926	67.221 33.519	15.800 34.639	151.422 23.816
8/12/2016 8:00:00 PM 41999.719 1.025	165600.000 50953.504	67.221 33.529	15.800 34.648	151.422 23.810
8/12/2016 8:15:00 PM 41997.449 1.025	166500.000 50950.965	67.225 33.527	15.800 34.647	151.432 23.811
8/12/2016 8:30:00 PM 41984.637 1.025	167400.000 50936.242	67.223 33.516	15.799 34.637	151.427 23.818
8/12/2016 8:45:00 PM 41994.586 1.025	168300.000 50947.906	67.225 33.525	15.799 34.645	151.431 23.813
8/12/2016 9:00:00 PM 41982.945 1.025	169200.000 50935.352	67.219 33.515	15.798 34.636	151.418 23.819

8/12/2016 9:15:00 PM 41998.207 1.025	170100.000 50953.758	67.219 33.529	15.798 34.649	151.418 23.811
8/12/2016 9:30:00 PM 41989.723 1.025	171000.000 50943.773	67.219 33.521	15.798 34.642	151.418 23.815
8/12/2016 9:45:00 PM 42029.262 1.025	171900.000 50991.328	67.217 33.556	15.798 34.674	151.413 23.793
8/12/2016 10:00:00 PM 42038.094 1.025	172800.000 51001.836	67.213 33.564	15.798 34.681	151.403 23.788
8/12/2016 10:15:00 PM 41976.750 1.025	173700.000 50928.133	67.204 33.510	15.798 34.631	151.383 23.823
8/12/2016 10:30:00 PM 41998.797 1.025	174600.000 50954.367	67.204 33.529	15.798 34.649	151.383 23.810
8/12/2016 10:45:00 PM 41978.125 1.025	175500.000 50930.016	67.199 33.511	15.797 34.632	151.372 23.822
8/12/2016 11:00:00 PM 41976.512 1.025	176400.000 50927.957	67.189 33.510	15.798 34.631	151.349 23.823
8/12/2016 11:15:00 PM 42023.668 1.025	177300.000 50985.367	67.183 33.552	15.797 34.670	151.335 23.796
8/12/2016 11:30:00 PM 41994.695 1.025	178200.000 50949.902	67.183 33.526	15.798 34.646	151.337 23.813
8/12/2016 11:45:00 PM 41983.656 1.025	179100.000 50936.313	67.172 33.516	15.798 34.637	151.312 23.819
8/13/2016 12:00:00 AM 42002.484 1.025	180000.000 50959.469	67.166 33.533	15.798 34.652	151.299 23.808
8/13/2016 12:15:00 AM 41985.023 1.025	180900.000 50937.449	67.155 33.517	15.798 34.637	151.273 23.818
8/13/2016 12:30:00 AM 42004.395 1.025	181800.000 50960.637	67.150 33.534	15.799 34.653	151.261 23.807
8/13/2016 12:45:00 AM 42023.793 1.025	182700.000 50984.484	67.145 33.551	15.798 34.669	151.251 23.796
8/13/2016 1:00:00 AM 41973.387 1.025	183600.000 50923.328	67.138 33.506	15.798 34.628	151.234 23.825
8/13/2016 1:15:00 AM 42003.902 1.025	184500.000 50960.145	67.130 33.533	15.798 34.653	151.216 23.807
8/13/2016 1:30:00 AM 42014.555 1.025	185400.000 50972.445	67.125 33.543	15.799 34.661	151.205 23.801
8/13/2016 1:45:00 AM 42022.684 1.025	186300.000 50981.473	67.120 33.549	15.800 34.667	151.195 23.797

8/13/2016 2:00:00 AM 41981.953 1.025	187200.000 50932.059	67.115 33.513	15.800 34.634	151.184 23.820
8/13/2016 2:15:00 AM 41973.742 1.025	188100.000 50921.891	67.110 33.505	15.800 34.627	151.173 23.824
8/13/2016 2:30:00 AM 42022.480 1.025	189000.000 50979.879	67.105 33.548	15.801 34.666	151.161 23.797
8/13/2016 2:45:00 AM 42018.309 1.025	189900.000 50975.336	67.101 33.545	15.800 34.663	151.152 23.799
8/13/2016 3:00:00 AM 41991.668 1.025	190800.000 50942.070	67.099 33.520	15.801 34.641	151.146 23.814
8/13/2016 3:15:00 AM 42006.074 1.025	191700.000 50960.383	67.097 33.534	15.800 34.653	151.144 23.806
8/13/2016 3:30:00 AM 42025.297 1.025	192600.000 50982.559	67.096 33.550	15.801 34.668	151.140 23.795
8/13/2016 3:45:00 AM 41985.453 1.025	193500.000 50933.090	67.093 33.514	15.802 34.635	151.133 23.818
8/13/2016 4:00:00 AM 41976.656 1.025	194400.000 50923.141	67.094 33.506	15.802 34.628	151.135 23.823
8/13/2016 4:15:00 AM 42007.750 1.025	195300.000 50960.543	67.096 33.534	15.802 34.653	151.140 23.805
8/13/2016 4:30:00 AM 41980.035 1.025	196200.000 50927.355	67.076 33.510	15.802 34.631	151.095 23.821
8/13/2016 4:45:00 AM 41997.117 1.025	197100.000 50946.609	67.097 33.524	15.803 34.644	151.142 23.811
8/13/2016 5:00:00 AM 41987.574 1.025	198000.000 50936.066	67.097 33.516	15.802 34.637	151.144 23.817
8/13/2016 5:15:00 AM 42006.391 1.025	198900.000 50958.273	67.097 33.532	15.803 34.652	151.142 23.806
8/13/2016 5:30:00 AM 41954.359 1.025	199800.000 50893.184	67.100 33.485	15.804 34.607	151.149 23.835
8/13/2016 5:45:00 AM 41987.375 1.025	200700.000 50933.438	67.105 33.514	15.804 34.635	151.160 23.817
8/13/2016 6:00:00 AM 41998.934 1.025	201600.000 50947.461	67.108 33.525	15.804 34.644	151.166 23.810
8/13/2016 6:15:00 AM 41994.523 1.025	202500.000 50943.582	67.109 33.522	15.803 34.642	151.170 23.813
8/13/2016 6:30:00 AM 41958.391 1.025	203400.000 50898.484	67.119 33.489	15.804 34.611	151.191 23.833

8/13/2016 6:45:00 AM 42013.738 1.025	204300.000 50966.141	67.120 33.538	15.803 34.657	151.193 23.802
8/13/2016 7:00:00 AM 41993.871 1.025	205200.000 50941.941	67.121 33.520	15.804 34.641	151.197 23.813
8/13/2016 7:15:00 AM 41993.043 1.025	206100.000 50941.156	67.119 33.520	15.803 34.640	151.193 23.813
8/13/2016 7:30:00 AM 42014.234 1.025	207000.000 50966.020	67.130 33.538	15.804 34.657	151.216 23.801
8/13/2016 7:45:00 AM 42058.691 1.025	207900.000 51020.574	67.130 33.578	15.804 34.694	151.217 23.776
8/13/2016 8:00:00 AM 42031.508 1.025	208800.000 50986.977	67.130 33.554	15.804 34.671	151.218 23.792
8/13/2016 8:15:00 AM 42007.957 1.025	209700.000 50958.301	67.135 33.533	15.804 34.652	151.228 23.805
8/13/2016 8:30:00 AM 41989.734 1.025	210600.000 50937.023	67.140 33.517	15.803 34.637	151.238 23.815
8/13/2016 8:45:00 AM 41973.445 1.025	211500.000 50917.379	67.144 33.502	15.803 34.624	151.248 23.825
8/13/2016 9:00:00 AM 41970.723 1.025	212400.000 50914.168	67.143 33.500	15.803 34.622	151.245 23.826
8/13/2016 9:15:00 AM 42003.234 1.025	213300.000 50953.516	67.145 33.529	15.803 34.648	151.251 23.808
8/13/2016 9:30:00 AM 42025.477 1.025	214200.000 50979.977	67.146 33.548	15.804 34.666	151.253 23.795
8/13/2016 9:45:00 AM 41992.266 1.025	215100.000 50940.840	67.161 33.520	15.803 34.640	151.286 23.814
8/13/2016 10:00:00 AM 41970.922 1.025	216000.000 50914.406	67.148 33.500	15.803 34.622	151.257 23.826
8/13/2016 10:15:00 AM 41985.168 1.025	216900.000 50931.168	67.148 33.513	15.804 34.633	151.257 23.818
8/13/2016 10:30:00 AM 41982.379 1.025	217800.000 50928.730	67.149 33.511	15.803 34.632	151.259 23.820
8/13/2016 10:45:00 AM 41966.363 1.025	218700.000 50908.574	67.150 33.496	15.804 34.618	151.263 23.829
8/13/2016 11:00:00 AM 41965.609 1.025	219600.000 50907.559	67.151 33.495	15.804 34.617	151.264 23.829
8/13/2016 11:15:00 AM 41996.129 1.025	220500.000 50945.211	67.146 33.523	15.803 34.643	151.254 23.812

8/13/2016 11:30:00 AM 41954.199 1.025	221400.000 50893.719	67.150 33.485	15.804 34.608	151.261 23.836
8/13/2016 11:45:00 AM 42007.629 1.025	222300.000 50961.027	67.645 33.534	15.802 34.654	152.377 23.805
8/13/2016 12:00:00 PM 41990.539 1.025	223200.000 50941.328	67.812 33.520	15.801 34.640	152.754 23.815
8/13/2016 12:15:00 PM 42007.793 1.025	224100.000 50961.629	67.901 33.535	15.801 34.654	152.954 23.805
8/13/2016 12:30:00 PM 41988.492 1.025	225000.000 50939.883	67.961 33.519	15.800 34.639	153.089 23.816
8/13/2016 12:45:00 PM 41981.055 1.025	225900.000 50931.688	68.016 33.513	15.799 34.634	153.213 23.820
8/13/2016 1:00:00 PM 41957.039 1.025	226800.000 50903.707	68.066 33.492	15.798 34.615	153.326 23.834
8/13/2016 1:15:00 PM 41936.168 1.025	227700.000 50880.254	68.105 33.475	15.796 34.599	153.413 23.846
8/13/2016 1:30:00 PM 41954.102 1.025	228600.000 50902.012	68.140 33.491	15.796 34.613	153.492 23.836
8/13/2016 1:45:00 PM 41952.242 1.025	229500.000 50900.180	68.170 33.489	15.796 34.612	153.560 23.837
8/13/2016 2:00:00 PM 41947.297 1.025	230400.000 50895.625	68.209 33.486	15.795 34.609	153.648 23.839
8/13/2016 2:15:00 PM 41947.477 1.025	231300.000 50896.465	68.240 33.486	15.794 34.610	153.717 23.839
8/13/2016 2:30:00 PM 41955.684 1.025	232200.000 50906.531	68.262 33.494	15.794 34.616	153.768 23.835
8/13/2016 2:45:00 PM 41910.191 1.025	233100.000 50852.270	68.290 33.454	15.793 34.580	153.830 23.861
8/13/2016 3:00:00 PM 41933.125 1.025	234000.000 50881.230	68.319 33.475	15.793 34.599	153.895 23.847
8/13/2016 3:15:00 PM 41899.199 1.025	234900.000 50841.012	68.346 33.445	15.792 34.572	153.957 23.867
8/13/2016 3:30:00 PM 41929.281 1.025	235800.000 50877.195	68.364 33.472	15.792 34.596	153.998 23.850
8/13/2016 3:45:00 PM 41919.063 1.025	236700.000 50865.309	68.391 33.463	15.792 34.588	154.057 23.855
8/13/2016 4:00:00 PM 41927.844 1.025	237600.000 50875.855	68.415 33.471	15.792 34.596	154.111 23.850

8/13/2016 4:15:00 PM 41944.211 1.025	238500.000 50895.629	68.439 33.486	15.792 34.609	154.166 23.841
8/13/2016 4:30:00 PM 41907.559 1.025	239400.000 50853.129	68.465 33.454	15.790 34.580	154.223 23.862
8/13/2016 4:45:00 PM 41902.523 1.025	240300.000 50846.391	68.486 33.449	15.791 34.576	154.272 23.865
8/13/2016 5:00:00 PM 41940.492 1.025	241200.000 50894.238	68.512 33.484	15.789 34.608	154.330 23.843
8/13/2016 5:15:00 PM 41919.336 1.025	242100.000 50868.250	68.531 33.465	15.789 34.590	154.373 23.855
8/13/2016 5:30:00 PM 41933.746 1.025	243000.000 50885.223	68.553 33.478	15.790 34.602	154.423 23.847
8/13/2016 5:45:00 PM 41946.965 1.025	243900.000 50902.613	68.571 33.490	15.789 34.614	154.463 23.840
8/13/2016 6:00:00 PM 41905.594 1.025	244800.000 50853.551	68.595 33.454	15.788 34.580	154.517 23.863
8/13/2016 6:15:00 PM 41893.469 1.025	245700.000 50838.926	68.615 33.444	15.788 34.570	154.561 23.870
8/13/2016 6:30:00 PM 41924.074 1.025	246600.000 50876.176	68.638 33.471	15.788 34.596	154.615 23.853
8/13/2016 6:45:00 PM 41868.332 1.025	247500.000 50808.738	68.657 33.421	15.787 34.550	154.656 23.884
8/13/2016 7:00:00 PM 41874.867 1.025	248400.000 50817.395	68.673 33.428	15.787 34.556	154.693 23.881
8/13/2016 7:15:00 PM 41884.289 1.025	249300.000 50829.559	68.693 33.437	15.786 34.564	154.737 23.875
8/13/2016 7:30:00 PM 41889.332 1.025	250200.000 50836.922	68.707 33.442	15.785 34.569	154.770 23.872
8/13/2016 7:45:00 PM 41872.844 1.025	251100.000 50816.813	68.725 33.427	15.785 34.555	154.811 23.882
8/13/2016 8:00:00 PM 41926.637 1.025	252000.000 50883.652	68.740 33.476	15.784 34.601	154.843 23.851
8/13/2016 8:15:00 PM 41885.898 1.025	252900.000 50834.012	68.756 33.440	15.784 34.567	154.880 23.874
8/13/2016 8:30:00 PM 41907.992 1.025	253800.000 50863.004	68.767 33.461	15.782 34.587	154.905 23.862
8/13/2016 8:45:00 PM 41898.469 1.025	254700.000 50851.027	68.778 33.452	15.782 34.579	154.929 23.867

8/13/2016 9:00:00 PM 41896.699 1.025	255600.000 50851.273	68.797 33.452	15.780 34.579	154.971 23.868
8/13/2016 9:15:00 PM 41881.426 1.025	256500.000 50834.086	68.785 33.439	15.779 34.567	154.946 23.877
8/13/2016 9:30:00 PM 41908.379 1.025	257400.000 50866.277	68.793 33.463	15.780 34.589	154.963 23.862
8/13/2016 9:45:00 PM 41887.770 1.025	258300.000 50842.918	68.822 33.446	15.778 34.573	155.028 23.873
8/13/2016 10:00:00 PM 41899.766 1.025	259200.000 50858.105	68.830 33.457	15.778 34.584	155.046 23.866
8/13/2016 10:15:00 PM 41877.105 1.025	260100.000 50832.051	68.822 33.438	15.777 34.566	155.029 23.879
8/13/2016 10:30:00 PM 41879.586 1.025	261000.000 50834.656	68.844 33.440	15.777 34.568	155.077 23.878
8/13/2016 10:45:00 PM 41889.723 1.025	261900.000 50847.680	68.847 33.449	15.776 34.576	155.085 23.872
8/13/2016 11:00:00 PM 41933.297 1.025	262800.000 50901.836	68.851 33.489	15.775 34.613	155.094 23.847
8/13/2016 11:15:00 PM 41914.969 1.025	263700.000 50879.883	68.854 33.473	15.775 34.598	155.100 23.858
8/13/2016 11:30:00 PM 41894.918 1.025	264600.000 50855.031	68.858 33.454	15.775 34.581	155.109 23.869
8/13/2016 11:45:00 PM 41903.250 1.025	265500.000 50865.871	68.855 33.462	15.775 34.589	155.104 23.864
8/14/2016 12:00:00 AM 41903.316 1.025	266400.000 50865.531	68.863 33.462	15.775 34.589	155.120 23.864
8/14/2016 12:15:00 AM 41870.234 1.025	267300.000 50824.656	68.864 33.432	15.776 34.561	155.124 23.883
8/14/2016 12:30:00 AM 41907.852 1.025	268200.000 50870.316	68.863 33.466	15.776 34.592	155.120 23.862
8/14/2016 12:45:00 AM 41915.070 1.025	269100.000 50879.277	68.863 33.472	15.776 34.598	155.121 23.858
8/14/2016 1:00:00 AM 41924.891 1.025	270000.000 50890.477	68.864 33.481	15.776 34.606	155.124 23.852
8/14/2016 1:15:00 AM 41932.855 1.025	270900.000 50900.246	68.864 33.488	15.776 34.612	155.124 23.848
8/14/2016 1:30:00 AM 41940.883 1.025	271800.000 50910.609	68.870 33.495	15.776 34.619	155.137 23.843

8/14/2016 1:45:00 AM 41919.824 1.025	272700.000 50884.012	68.869 33.476	15.776 34.601	155.135 23.855
8/14/2016 2:00:00 AM 41904.098 1.025	273600.000 50865.336	68.871 33.462	15.776 34.588	155.138 23.864
8/14/2016 2:15:00 AM 41935.648 1.025	274500.000 50902.391	68.871 33.489	15.777 34.614	155.138 23.846
8/14/2016 2:30:00 AM 41944.879 1.025	275400.000 50914.219	68.861 33.498	15.777 34.622	155.116 23.841
8/14/2016 2:45:00 AM 41934.359 1.025	276300.000 50900.828	68.859 33.488	15.777 34.613	155.112 23.847
8/14/2016 3:00:00 AM 41943.254 1.025	277200.000 50910.992	68.883 33.496	15.778 34.619	155.165 23.842
8/14/2016 3:15:00 AM 41951.391 1.025	278100.000 50921.699	68.884 33.504	15.777 34.627	155.168 23.837
8/14/2016 3:30:00 AM 41969.434 1.025	279000.000 50942.355	68.891 33.519	15.778 34.641	155.185 23.827
8/14/2016 3:45:00 AM 41974.922 1.025	279900.000 50949.332	68.897 33.524	15.778 34.646	155.196 23.824
8/14/2016 4:00:00 AM 41939.672 1.025	280800.000 50906.234	68.897 33.492	15.778 34.616	155.198 23.844
8/14/2016 4:15:00 AM 41938.754 1.025	281700.000 50904.590	68.906 33.491	15.779 34.615	155.218 23.844
8/14/2016 4:30:00 AM 41954.914 1.025	282600.000 50923.066	68.915 33.505	15.779 34.628	155.237 23.835
8/14/2016 4:45:00 AM 41951.699 1.025	283500.000 50919.895	68.916 33.502	15.779 34.626	155.240 23.837
8/14/2016 5:00:00 AM 41937.543 1.025	284400.000 50901.566	68.928 33.489	15.780 34.613	155.267 23.845
8/14/2016 5:15:00 AM 41942.754 1.025	285300.000 50908.406	68.935 33.494	15.779 34.618	155.283 23.842
8/14/2016 5:30:00 AM 41947.543 1.025	286200.000 50914.336	68.942 33.498	15.779 34.622	155.298 23.839
8/14/2016 5:45:00 AM 41955.422 1.025	287100.000 50922.844	68.951 33.505	15.780 34.628	155.319 23.835
8/14/2016 6:00:00 AM 41945.477 1.025	288000.000 50910.879	68.961 33.496	15.780 34.619	155.342 23.840
8/14/2016 6:15:00 AM 41917.258 1.025	288900.000 50876.945	68.971 33.471	15.780 34.596	155.364 23.857

8/14/2016 6:30:00 AM 41965.945 1.025	289800.000 50936.238	68.978 33.514	15.780 34.637	155.379 23.829
8/14/2016 6:45:00 AM 41993.672 1.025	290700.000 50969.172	68.989 33.539	15.780 34.659	155.404 23.813
8/14/2016 7:00:00 AM 41976.613 1.025	291600.000 50948.672	69.000 33.524	15.780 34.645	155.429 23.823
8/14/2016 7:15:00 AM 41962.348 1.025	292500.000 50931.988	69.012 33.511	15.780 34.634	155.456 23.831
8/14/2016 7:30:00 AM 41990.508 1.025	293400.000 50965.855	69.023 33.536	15.780 34.657	155.482 23.815
8/14/2016 7:45:00 AM 41944.195 1.025	294300.000 50910.152	69.031 33.495	15.779 34.619	155.499 23.841
8/14/2016 8:00:00 AM 41959.168 1.025	295200.000 50928.016	69.045 33.508	15.780 34.631	155.530 23.833
8/14/2016 8:15:00 AM 41976.066 1.025	296100.000 50948.434	69.049 33.523	15.780 34.645	155.540 23.823
8/14/2016 8:30:00 AM 41978.516 1.025	297000.000 50952.027	69.060 33.526	15.779 34.647	155.564 23.822
8/14/2016 8:45:00 AM 41936.301 1.025	297900.000 50900.789	69.068 33.488	15.779 34.613	155.583 23.846
8/14/2016 9:00:00 AM 41966.496 1.025	298800.000 50937.223	69.075 33.515	15.779 34.637	155.597 23.829
8/14/2016 9:15:00 AM 41976.344 1.025	299700.000 50950.121	69.086 33.525	15.779 34.646	155.623 23.823
8/14/2016 9:30:00 AM 41963.410 1.025	300600.000 50933.477	69.091 33.512	15.779 34.635	155.635 23.830
8/14/2016 9:45:00 AM 41963.727 1.025	301500.000 50934.699	69.099 33.513	15.779 34.636	155.651 23.830
8/14/2016 10:00:00 AM 41960.500 1.025	302400.000 50930.785	69.099 33.510	15.779 34.633	155.653 23.832
8/14/2016 10:15:00 AM 41924.137 1.025	303300.000 50887.160	69.110 33.478	15.778 34.603	155.678 23.853
8/14/2016 10:30:00 AM 41981.531 1.025	304200.000 50957.043	69.114 33.530	15.778 34.651	155.686 23.820
8/14/2016 10:45:00 AM 41951.480 1.025	305100.000 50920.035	69.116 33.502	15.779 34.626	155.691 23.837
8/14/2016 11:00:00 AM 41955.824 1.025	306000.000 50925.727	69.120 33.507	15.778 34.629	155.700 23.835

8/14/2016 11:15:00 AM 41919.195 1.025	306900.000 50881.586	69.107 33.474	15.778 34.599	155.669 23.855
8/14/2016 11:30:00 AM 41935.762 1.025	307800.000 50901.488	69.126 33.489	15.778 34.613	155.714 23.846
8/14/2016 11:45:00 AM 41939.656 1.025	308700.000 50906.215	69.130 33.492	15.778 34.616	155.722 23.844
8/14/2016 12:00:00 PM 41950.621 1.025	309600.000 50919.730	69.131 33.502	15.778 34.625	155.725 23.838
8/14/2016 12:15:00 PM 41954.141 1.025	310500.000 50923.379	69.137 33.505	15.778 34.628	155.739 23.836
8/14/2016 12:30:00 PM 41982.816 1.025	311400.000 50959.016	69.137 33.531	15.778 34.652	155.738 23.819
8/14/2016 12:45:00 PM 41955.965 1.025	312300.000 50926.844	69.138 33.507	15.777 34.630	155.739 23.835
8/14/2016 1:00:00 PM 41925.461 1.025	313200.000 50888.871	69.144 33.480	15.778 34.604	155.755 23.852
8/14/2016 1:15:00 PM 41954.582 1.025	314100.000 50925.570	69.146 33.506	15.777 34.629	155.758 23.835
8/14/2016 1:30:00 PM 41973.930 1.025	315000.000 50948.652	69.142 33.523	15.777 34.645	155.748 23.824
8/14/2016 1:45:00 PM 41956.926 1.025	315900.000 50926.758	69.148 33.507	15.778 34.630	155.762 23.834
8/14/2016 2:00:00 PM 41974.133 1.025	316800.000 50947.949	69.148 33.523	15.778 34.645	155.762 23.824
8/14/2016 2:15:00 PM 41988.715 1.025	317700.000 50966.074	69.154 33.536	15.778 34.657	155.776 23.816
8/14/2016 2:30:00 PM 41947.637 1.025	318600.000 50916.105	69.156 33.500	15.778 34.623	155.780 23.839
8/14/2016 2:45:00 PM 41966.785 1.025	319500.000 50939.871	69.160 33.517	15.777 34.639	155.790 23.828
8/14/2016 3:00:00 PM 41959.594 1.025	320400.000 50930.828	69.166 33.510	15.778 34.633	155.803 23.832
8/14/2016 3:15:00 PM 42004.188 1.025	321300.000 50984.746	69.172 33.550	15.778 34.670	155.818 23.807
8/14/2016 3:30:00 PM 41946.766 1.025	322200.000 50916.715	69.179 33.500	15.776 34.623	155.832 23.840
8/14/2016 3:45:00 PM 41947.910 1.025	323100.000 50917.273	69.185 33.500	15.777 34.624	155.845 23.839

8/14/2016 4:00:00 PM 41970.949 1.025	324000.000 50945.754	69.174 33.521	15.777 34.643	155.822 23.826
8/14/2016 4:15:00 PM 41968.203 1.025	324900.000 50942.734	69.197 33.519	15.776 34.641	155.873 23.828
8/14/2016 4:30:00 PM 41958.672 1.025	325800.000 50929.816	69.207 33.510	15.778 34.632	155.895 23.833
8/14/2016 4:45:00 PM 41930.016 1.025	326700.000 50895.141	69.214 33.484	15.778 34.609	155.912 23.849
8/14/2016 5:00:00 PM 41938.031 1.025	327600.000 50905.480	69.224 33.492	15.777 34.616	155.933 23.845
8/14/2016 5:15:00 PM 41977.594 1.025	328500.000 50954.133	69.232 33.527	15.776 34.649	155.952 23.822
8/14/2016 5:30:00 PM 41947.719 1.025	329400.000 50917.871	69.240 33.501	15.776 34.624	155.970 23.839
8/14/2016 5:45:00 PM 41941.996 1.025	330300.000 50910.293	69.237 33.495	15.777 34.619	155.964 23.842
8/14/2016 6:00:00 PM 41955.434 1.025	331200.000 50928.184	69.262 33.508	15.776 34.631	156.019 23.835
8/14/2016 6:15:00 PM 41925.379 1.025	332100.000 50891.594	69.256 33.481	15.776 34.606	156.007 23.852
8/14/2016 6:30:00 PM 41906.398 1.025	333000.000 50868.660	69.282 33.464	15.776 34.591	156.065 23.863
8/14/2016 6:45:00 PM 41958.789 1.025	333900.000 50933.391	69.291 33.512	15.775 34.635	156.086 23.833
8/14/2016 7:00:00 PM 41947.395 1.025	334800.000 50918.949	69.299 33.501	15.775 34.625	156.102 23.839
8/14/2016 7:15:00 PM 41941.816 1.025	335700.000 50913.313	69.298 33.497	15.774 34.621	156.100 23.843
8/14/2016 7:30:00 PM 41969.273 1.025	336600.000 50946.941	69.319 33.522	15.774 34.644	156.149 23.827
8/14/2016 7:45:00 PM 41960.309 1.025	337500.000 50936.895	69.327 33.514	15.773 34.637	156.166 23.832
8/14/2016 8:00:00 PM 41912.934 1.025	338400.000 50879.176	69.333 33.472	15.773 34.598	156.180 23.859
8/14/2016 8:15:00 PM 41966.566 1.025	339300.000 50944.598	69.328 33.520	15.773 34.642	156.168 23.828
8/14/2016 8:30:00 PM 41911.414 1.025	340200.000 50878.484	69.349 33.471	15.773 34.597	156.215 23.860

8/14/2016 8:45:00 PM 41938.652 1.025	341100.000 50912.582	69.361 33.496	15.772 34.621	156.241 23.844
8/14/2016 9:00:00 PM 41960.859 1.025	342000.000 50939.227	69.365 33.516	15.772 34.639	156.252 23.832
8/14/2016 9:15:00 PM 41916.496 1.025	342900.000 50885.480	69.365 33.477	15.772 34.602	156.251 23.857
8/14/2016 9:30:00 PM 41946.883 1.025	343800.000 50923.000	69.368 33.504	15.771 34.628	156.259 23.840
8/14/2016 9:45:00 PM 41943.578 1.025	344700.000 50920.539	69.376 33.502	15.770 34.626	156.276 23.842
8/14/2016 10:00:00 PM 41938.730 1.025	345600.000 50914.969	69.362 33.498	15.770 34.622	156.244 23.844
8/14/2016 10:15:00 PM 41937.656 1.025	346500.000 50913.977	69.373 33.497	15.769 34.622	156.270 23.845
8/14/2016 10:30:00 PM 41913.887 1.025	347400.000 50886.590	69.381 33.477	15.768 34.603	156.287 23.858
8/14/2016 10:45:00 PM 41938.813 1.025	348300.000 50916.012	69.373 33.499	15.769 34.623	156.269 23.844
8/14/2016 11:00:00 PM 41958.605 1.025	349200.000 50940.043	69.374 33.516	15.769 34.639	156.271 23.833
8/14/2016 11:15:00 PM 41959.895 1.025	350100.000 50942.961	69.369 33.519	15.768 34.641	156.262 23.832
8/14/2016 11:30:00 PM 41936.539 1.025	351000.000 50913.973	69.367 33.497	15.768 34.622	156.255 23.846
8/14/2016 11:45:00 PM 41940.613 1.025	351900.000 50918.516	69.362 33.501	15.769 34.625	156.245 23.843
8/15/2016 12:00:00 AM 41963.824 1.025	352800.000 50947.832	69.356 33.522	15.768 34.645	156.231 23.830
8/15/2016 12:15:00 AM 41902.809 1.025	353700.000 50873.859	69.355 33.468	15.768 34.594	156.230 23.865
8/15/2016 12:30:00 AM 41931.727 1.025	354600.000 50908.543	69.332 33.493	15.768 34.618	156.176 23.848
8/15/2016 12:45:00 AM 41934.367 1.025	355500.000 50910.715	69.329 33.495	15.769 34.619	156.170 23.847
8/15/2016 1:00:00 AM 41928.828 1.025	356400.000 50905.449	69.334 33.491	15.768 34.616	156.181 23.850
8/15/2016 1:15:00 AM 41959.809 1.025	357300.000 50942.344	69.327 33.518	15.768 34.641	156.166 23.832

8/15/2016 1:30:00 AM 41962.238 1.025	358200.000 50944.551	69.305 33.520	15.769 34.642	156.117 23.831
8/15/2016 1:45:00 AM 41950.801 1.025	359100.000 50931.188	69.299 33.510	15.768 34.633	156.104 23.837
8/15/2016 2:00:00 AM 41982.281 1.025	360000.000 50968.363	69.313 33.537	15.769 34.658	156.134 23.820
8/15/2016 2:15:00 AM 41973.914 1.025	360900.000 50957.996	69.305 33.530	15.769 34.651	156.116 23.824
8/15/2016 2:30:00 AM 41992.727 1.025	361800.000 50980.324	69.303 33.546	15.770 34.667	156.111 23.814
8/15/2016 2:45:00 AM 41960.336 1.025	362700.000 50941.512	69.283 33.518	15.769 34.640	156.066 23.832
8/15/2016 3:00:00 AM 41967.402 1.025	363600.000 50948.949	69.294 33.523	15.770 34.645	156.091 23.828
8/15/2016 3:15:00 AM 41963.293 1.025	364500.000 50944.059	69.285 33.520	15.770 34.642	156.071 23.830
8/15/2016 3:30:00 AM 41948.852 1.025	365400.000 50925.797	69.290 33.506	15.771 34.630	156.082 23.839
8/15/2016 3:45:00 AM 41973.066 1.025	366300.000 50954.789	69.281 33.527	15.771 34.649	156.063 23.825
8/15/2016 4:00:00 AM 41918.438 1.025	367200.000 50888.980	69.281 33.479	15.771 34.605	156.062 23.856
8/15/2016 4:15:00 AM 41955.469 1.025	368100.000 50932.477	69.282 33.511	15.772 34.634	156.065 23.835
8/15/2016 4:30:00 AM 41971.262 1.025	369000.000 50951.449	69.281 33.525	15.772 34.647	156.063 23.826
8/15/2016 4:45:00 AM 41961.844 1.025	369900.000 50940.316	69.282 33.517	15.772 34.639	156.064 23.831
8/15/2016 5:00:00 AM 41988.070 1.025	370800.000 50971.855	69.286 33.540	15.772 34.661	156.073 23.816
8/15/2016 5:15:00 AM 41963.891 1.025	371700.000 50942.070	69.288 33.518	15.773 34.641	156.077 23.830
8/15/2016 5:30:00 AM 41984.922 1.025	372600.000 50966.367	69.275 33.536	15.774 34.657	156.048 23.818
8/15/2016 5:45:00 AM 41945.789 1.025	373500.000 50918.645	69.294 33.501	15.774 34.625	156.091 23.840
8/15/2016 6:00:00 AM 41973.504 1.025	374400.000 50952.289	69.296 33.526	15.774 34.648	156.097 23.825

8/15/2016 6:15:00 AM 41962.125 1.025	375300.000 50938.691	69.300 33.516	15.774 34.638	156.106 23.831
8/15/2016 6:30:00 AM 41972.629 1.025	376200.000 50950.813	69.307 33.525	15.774 34.647	156.120 23.825
8/15/2016 6:45:00 AM 41987.145 1.025	377100.000 50968.227	69.313 33.538	15.774 34.658	156.134 23.817
8/15/2016 7:00:00 AM 41962.836 1.025	378000.000 50939.031	69.319 33.516	15.774 34.639	156.148 23.831
8/15/2016 7:15:00 AM 41984.313 1.025	378900.000 50964.480	69.324 33.535	15.775 34.656	156.160 23.818
8/15/2016 7:30:00 AM 41964.676 1.025	379800.000 50940.535	69.334 33.517	15.775 34.640	156.181 23.830
8/15/2016 7:45:00 AM 41969.508 1.025	380700.000 50946.707	69.341 33.522	15.774 34.644	156.198 23.827
8/15/2016 8:00:00 AM 41982.770 1.025	381600.000 50961.258	69.346 33.533	15.776 34.654	156.209 23.819
8/15/2016 8:15:00 AM 41950.496 1.025	382500.000 50923.008	69.355 33.504	15.775 34.628	156.228 23.838
8/15/2016 8:30:00 AM 41994.516 1.025	383400.000 50976.977	69.358 33.544	15.775 34.664	156.236 23.813
8/15/2016 8:45:00 AM 41963.871 1.025	384300.000 50938.828	69.367 33.516	15.775 34.638	156.255 23.830
8/15/2016 9:00:00 AM 41928.023 1.025	385200.000 50895.840	69.374 33.484	15.775 34.609	156.271 23.850
8/15/2016 9:15:00 AM 41951.875 1.025	386100.000 50924.680	69.381 33.506	15.775 34.629	156.287 23.837
8/15/2016 9:30:00 AM 41954.063 1.025	387000.000 50926.824	69.385 33.507	15.775 34.630	156.297 23.836
8/15/2016 9:45:00 AM 41937.363 1.025	387900.000 50906.246	69.393 33.492	15.776 34.616	156.314 23.845
8/15/2016 10:00:00 AM 41937.723 1.025	388800.000 50906.684	69.382 33.492	15.776 34.617	156.290 23.845
8/15/2016 10:15:00 AM 41950.469 1.025	389700.000 50922.563	69.398 33.504	15.775 34.627	156.326 23.838
8/15/2016 10:30:00 AM 41979.223 1.025	390600.000 50958.195	69.402 33.530	15.775 34.652	156.335 23.821
8/15/2016 10:45:00 AM 41959.605 1.025	391500.000 50935.203	69.406 33.513	15.774 34.636	156.344 23.832

8/15/2016 11:00:00 AM 41953.941 1.025	392400.000 50927.188	69.405 33.507	15.775 34.630	156.342 23.836
8/15/2016 11:15:00 AM 41929.148 1.025	393300.000 50897.203	69.408 33.485	15.775 34.610	156.349 23.850
8/15/2016 11:30:00 AM 41972.402 1.025	394200.000 50950.023	69.410 33.524	15.775 34.646	156.353 23.825
8/15/2016 11:45:00 AM 41934.684 1.025	395100.000 50904.434	69.410 33.491	15.774 34.615	156.353 23.847
8/15/2016 12:00:00 PM 41948.445 1.025	396000.000 50920.941	69.412 33.503	15.775 34.626	156.357 23.839
8/15/2016 12:15:00 PM 41971.047 1.025	396900.000 50949.523	69.414 33.524	15.774 34.646	156.361 23.826
8/15/2016 12:30:00 PM 41955.699 1.025	397800.000 50928.504	69.408 33.508	15.776 34.631	156.348 23.835
8/15/2016 12:45:00 PM 41991.309 1.025	398700.000 50974.121	69.408 33.542	15.774 34.662	156.349 23.814
8/15/2016 1:00:00 PM 41948.918 1.025	399600.000 50921.715	69.410 33.503	15.774 34.627	156.353 23.839
8/15/2016 1:15:00 PM 41986.035 1.025	400500.000 50966.465	69.408 33.536	15.775 34.657	156.348 23.817
8/15/2016 1:30:00 PM 41986.832 1.025	401400.000 50968.785	69.411 33.538	15.774 34.659	156.354 23.817
8/15/2016 1:45:00 PM 41992.152 1.025	402300.000 50974.711	69.391 33.542	15.774 34.663	156.310 23.814
8/15/2016 2:00:00 PM 41978.473 1.025	403200.000 50957.699	69.402 33.530	15.774 34.651	156.335 23.822
8/15/2016 2:15:00 PM 41966.488 1.025	404100.000 50942.320	69.404 33.519	15.775 34.641	156.338 23.829
8/15/2016 2:30:00 PM 41953.281 1.025	405000.000 50926.500	69.405 33.507	15.775 34.630	156.342 23.836
8/15/2016 2:45:00 PM 41979.836 1.025	405900.000 50958.109	69.402 33.530	15.775 34.652	156.335 23.821
8/15/2016 3:00:00 PM 41986.773 1.025	406800.000 50966.227	69.398 33.536	15.776 34.657	156.326 23.817
8/15/2016 3:15:00 PM 41963.148 1.025	407700.000 50938.367	69.405 33.516	15.775 34.638	156.342 23.830
8/15/2016 3:30:00 PM 41971.215 1.025	408600.000 50948.375	69.408 33.523	15.775 34.645	156.349 23.826

8/15/2016 3:45:00 PM 41958.703 1.025	409500.000 50934.016	69.404 33.512	15.774 34.635	156.340 23.833
8/15/2016 4:00:00 PM 41933.285 1.025	410400.000 50902.227	69.416 33.489	15.775 34.614	156.366 23.847
8/15/2016 4:15:00 PM 41959.438 1.025	411300.000 50934.703	69.410 33.513	15.774 34.636	156.353 23.833
8/15/2016 4:30:00 PM 41953.043 1.025	412200.000 50925.281	69.422 33.506	15.776 34.629	156.379 23.836
8/15/2016 4:45:00 PM 41949.645 1.025	413100.000 50921.363	69.423 33.503	15.776 34.627	156.382 23.838
8/15/2016 5:00:00 PM 41935.531 1.025	414000.000 50903.707	69.426 33.490	15.776 34.615	156.389 23.846
8/15/2016 5:15:00 PM 41977.230 1.025	414900.000 50956.301	69.437 33.529	15.774 34.650	156.414 23.822
8/15/2016 5:30:00 PM 41985.723 1.025	415800.000 50965.563	69.440 33.536	15.775 34.657	156.421 23.818
8/15/2016 5:45:00 PM 41965.520 1.025	416700.000 50940.516	69.450 33.517	15.776 34.640	156.442 23.829
8/15/2016 6:00:00 PM 41991.293 1.025	417600.000 50972.324	69.456 33.541	15.775 34.661	156.457 23.814
8/15/2016 6:15:00 PM 41970.129 1.025	418500.000 50946.738	69.463 33.522	15.775 34.644	156.473 23.826
8/15/2016 6:30:00 PM 41978.734 1.025	419400.000 50958.426	69.470 33.530	15.774 34.652	156.488 23.822
8/15/2016 6:45:00 PM 41950.617 1.025	420300.000 50923.688	69.478 33.505	15.775 34.628	156.505 23.838
8/15/2016 7:00:00 PM 41951.660 1.025	421200.000 50924.953	69.490 33.506	15.775 34.629	156.534 23.837
8/15/2016 7:15:00 PM 41952.742 1.025	422100.000 50925.844	69.502 33.506	15.775 34.630	156.560 23.836
8/15/2016 7:30:00 PM 41936.566 1.025	423000.000 50907.668	69.509 33.493	15.774 34.617	156.575 23.846
8/15/2016 7:45:00 PM 41933.043 1.025	423900.000 50903.391	69.518 33.490	15.774 34.614	156.596 23.848
8/15/2016 8:00:00 PM 41935.512 1.025	424800.000 50907.105	69.522 33.493	15.773 34.617	156.606 23.846
8/15/2016 8:15:00 PM 41932.633 1.025	425700.000 50904.340	69.534 33.490	15.772 34.615	156.633 23.848

8/15/2016 8:30:00 PM 41947.594 1.025	426600.000 50922.719	69.525 33.504	15.772 34.627	156.612 23.839
8/15/2016 8:45:00 PM 41969.805 1.025	427500.000 50950.293	69.545 33.524	15.772 34.646	156.658 23.827
8/15/2016 9:00:00 PM 41894.348 1.025	428400.000 50858.910	69.554 33.457	15.772 34.584	156.678 23.870
8/15/2016 9:15:00 PM 41973.957 1.025	429300.000 50956.184	69.561 33.528	15.771 34.650	156.692 23.824
8/15/2016 9:30:00 PM 41995.402 1.025	430200.000 50982.625	69.565 33.548	15.771 34.668	156.701 23.812
8/15/2016 9:45:00 PM 41973.824 1.025	431100.000 50956.223	69.573 33.528	15.771 34.650	156.721 23.824
8/15/2016 10:00:00 PM 41955.855 1.025	432000.000 50935.559	69.578 33.513	15.770 34.636	156.731 23.835
8/15/2016 10:15:00 PM 41929.156 1.025	432900.000 50902.930	69.575 33.489	15.770 34.614	156.725 23.850
8/15/2016 10:30:00 PM 41948.133 1.025	433800.000 50925.137	69.573 33.506	15.771 34.629	156.720 23.839
8/15/2016 10:45:00 PM 41958.871 1.025	434700.000 50939.734	69.578 33.516	15.769 34.639	156.731 23.833
8/15/2016 11:00:00 PM 41971.262 1.025	435600.000 50955.094	69.573 33.528	15.769 34.649	156.720 23.826
8/15/2016 11:15:00 PM 41981.676 1.025	436500.000 50967.629	69.551 33.537	15.769 34.658	156.671 23.820
8/15/2016 11:30:00 PM 41943.273 1.025	437400.000 50921.633	69.554 33.503	15.769 34.627	156.676 23.842
8/15/2016 11:45:00 PM 41973.086 1.025	438300.000 50958.660	69.565 33.530	15.768 34.652	156.701 23.825
8/16/2016 12:00:00 AM 41942.684 1.025	439200.000 50920.813	69.559 33.502	15.769 34.626	156.689 23.842
8/16/2016 12:15:00 AM 41948.977 1.025	440100.000 50929.281	69.556 33.508	15.768 34.632	156.682 23.838
8/16/2016 12:30:00 AM 41988.426 1.025	441000.000 50977.086	69.535 33.544	15.768 34.664	156.633 23.816
8/16/2016 12:45:00 AM 41907.098 1.025	441900.000 50879.066	69.538 33.472	15.768 34.598	156.641 23.862
8/16/2016 1:00:00 AM 41961.234 1.025	442800.000 50944.164	69.530 33.519	15.768 34.642	156.624 23.832

8/16/2016 1:15:00 AM 41949.383 1.025	443700.000 50928.844	69.528 33.508	15.769 34.632	156.619 23.838
8/16/2016 1:30:00 AM 41985.914 1.025	444600.000 50973.820	69.519 33.541	15.768 34.662	156.599 23.818
8/16/2016 1:45:00 AM 41957.645 1.025	445500.000 50939.281	69.508 33.516	15.769 34.639	156.573 23.834
8/16/2016 2:00:00 AM 42012.363 1.025	446400.000 51005.199	69.503 33.564	15.769 34.684	156.563 23.803
8/16/2016 2:15:00 AM 41964.898 1.025	447300.000 50947.367	69.497 33.522	15.769 34.644	156.549 23.829
8/16/2016 2:30:00 AM 41976.199 1.025	448200.000 50960.891	69.493 33.532	15.769 34.653	156.540 23.823
8/16/2016 2:45:00 AM 41938.895 1.025	449100.000 50915.168	69.482 33.498	15.770 34.622	156.514 23.844
8/16/2016 3:00:00 AM 41969.926 1.025	450000.000 50953.473	69.470 33.526	15.769 34.648	156.488 23.827
8/16/2016 3:15:00 AM 41994.668 1.025	450900.000 50982.461	69.470 33.548	15.770 34.668	156.488 23.813
8/16/2016 3:30:00 AM 41994.520 1.025	451800.000 50981.969	69.450 33.547	15.770 34.668	156.442 23.813
8/16/2016 3:45:00 AM 41986.199 1.025	452700.000 50970.828	69.439 33.539	15.771 34.660	156.419 23.817
8/16/2016 4:00:00 AM 41977.023 1.025	453600.000 50959.688	69.441 33.531	15.771 34.653	156.422 23.823
8/16/2016 4:15:00 AM 41978.527 1.025	454500.000 50961.516	69.444 33.532	15.771 34.654	156.430 23.822
8/16/2016 4:30:00 AM 41954.422 1.025	455400.000 50932.043	69.442 33.511	15.771 34.634	156.425 23.835
8/16/2016 4:45:00 AM 41967.766 1.025	456300.000 50947.820	69.430 33.522	15.772 34.645	156.397 23.828
8/16/2016 5:00:00 AM 42008.574 1.025	457200.000 50996.629	69.442 33.558	15.772 34.678	156.424 23.805
8/16/2016 5:15:00 AM 41973.219 1.025	458100.000 50953.305	69.442 33.526	15.773 34.648	156.424 23.825
8/16/2016 5:30:00 AM 41954.398 1.025	459000.000 50930.547	69.442 33.510	15.773 34.633	156.426 23.835
8/16/2016 5:45:00 AM 41991.969 1.025	459900.000 50975.117	69.443 33.543	15.773 34.663	156.428 23.814

8/16/2016 6:00:00 AM 41963.379 1.025	460800.000 50940.934	69.441 33.517	15.773 34.640	156.422 23.830
8/16/2016 6:15:00 AM 41984.547 1.025	461700.000 50964.340	69.428 33.535	15.775 34.656	156.394 23.818
8/16/2016 6:30:00 AM 41985.770 1.025	462600.000 50966.965	69.449 33.537	15.774 34.658	156.440 23.818
8/16/2016 6:45:00 AM 41946.195 1.025	463500.000 50919.137	69.450 33.501	15.774 34.625	156.443 23.840
8/16/2016 7:00:00 AM 41968.242 1.025	464400.000 50945.391	69.457 33.521	15.774 34.643	156.459 23.828
8/16/2016 7:15:00 AM 41975.840 1.025	465300.000 50953.258	69.465 33.527	15.775 34.648	156.477 23.823
8/16/2016 7:30:00 AM 41974.598 1.025	466200.000 50951.852	69.468 33.526	15.775 34.647	156.484 23.824
8/16/2016 7:45:00 AM 41954.543 1.025	467100.000 50926.883	69.474 33.507	15.776 34.630	156.496 23.835
8/16/2016 8:00:00 AM 41983.227 1.025	468000.000 50962.125	69.479 33.533	15.776 34.654	156.507 23.819
8/16/2016 8:15:00 AM 41984.871 1.025	468900.000 50963.809	69.469 33.534	15.776 34.655	156.487 23.818
8/16/2016 8:30:00 AM 41982.797 1.025	469800.000 50961.398	69.491 33.533	15.776 34.654	156.536 23.819
8/16/2016 8:45:00 AM 41959.043 1.025	470700.000 50932.652	69.500 33.512	15.776 34.634	156.556 23.833
8/16/2016 9:00:00 AM 41984.164 1.025	471600.000 50962.949	69.507 33.534	15.776 34.655	156.570 23.819
8/16/2016 9:15:00 AM 41964.824 1.025	472500.000 50938.840	69.513 33.516	15.776 34.638	156.586 23.829
8/16/2016 9:30:00 AM 41960.078 1.025	473400.000 50933.910	69.519 33.512	15.776 34.635	156.599 23.832
8/16/2016 9:45:00 AM 41964.711 1.025	474300.000 50938.914	69.528 33.516	15.776 34.638	156.619 23.830
8/16/2016 10:00:00 AM 41943.453 1.025	475200.000 50912.898	69.536 33.497	15.776 34.621	156.637 23.842
8/16/2016 10:15:00 AM 41935.117 1.025	476100.000 50903.414	69.536 33.490	15.776 34.614	156.637 23.846
8/16/2016 10:30:00 AM 41958.016 1.025	477000.000 50931.098	69.543 33.510	15.776 34.633	156.652 23.833

8/16/2016 10:45:00 AM 41949.684 1.025	477900.000 50919.938	69.548 33.502	15.777 34.626	156.663 23.838
8/16/2016 11:00:00 AM 41958.480 1.025	478800.000 50930.828	69.549 33.510	15.777 34.633	156.666 23.833
8/16/2016 11:15:00 AM 41950.285 1.025	479700.000 50921.402	69.553 33.503	15.776 34.627	156.675 23.838
8/16/2016 11:30:00 AM 41983.648 1.025	480600.000 50962.008	69.559 33.533	15.776 34.654	156.689 23.819
8/16/2016 11:45:00 AM 41954.859 1.025	481500.000 50926.855	69.557 33.507	15.776 34.630	156.684 23.835
8/16/2016 12:00:00 PM 41967.387 1.025	482400.000 50941.113	69.558 33.518	15.777 34.640	156.686 23.828
8/16/2016 12:15:00 PM 42001.512 1.025	483300.000 50984.203	69.561 33.549	15.776 34.669	156.693 23.809
8/16/2016 12:30:00 PM 41987.133 1.025	484200.000 50966.969	69.558 33.537	15.775 34.658	156.687 23.817
8/16/2016 12:45:00 PM 41951.438 1.025	485100.000 50922.910	69.555 33.504	15.776 34.628	156.680 23.837
8/16/2016 1:00:00 PM 41975.824 1.025	486000.000 50953.023	69.559 33.526	15.776 34.648	156.689 23.823
8/16/2016 1:15:00 PM 41960.613 1.025	486900.000 50935.188	69.551 33.513	15.775 34.636	156.670 23.832
8/16/2016 1:30:00 PM 41931.738 1.025	487800.000 50899.313	69.551 33.487	15.776 34.612	156.671 23.848
8/16/2016 1:45:00 PM 41958.508 1.025	488700.000 50931.914	69.550 33.511	15.776 34.634	156.669 23.833
8/16/2016 2:00:00 PM 41987.754 1.025	489600.000 50966.883	69.546 33.537	15.776 34.657	156.659 23.816
8/16/2016 2:15:00 PM 41986.703 1.025	490500.000 50965.715	69.545 33.536	15.776 34.657	156.658 23.817
8/16/2016 2:30:00 PM 41977.770 1.025	491400.000 50954.766	69.544 33.528	15.776 34.649	156.655 23.822
8/16/2016 2:45:00 PM 41986.047 1.025	492300.000 50965.125	69.542 33.535	15.776 34.656	156.649 23.817
8/16/2016 3:00:00 PM 41976.078 1.025	493200.000 50952.820	69.541 33.526	15.776 34.648	156.648 23.823
8/16/2016 3:15:00 PM 41965.344 1.025	494100.000 50939.680	69.537 33.517	15.776 34.639	156.638 23.829

8/16/2016 3:30:00 PM 41955.848 1.025	495000.000 50927.945	69.536 33.508	15.776 34.631	156.636 23.835
8/16/2016 3:45:00 PM 41937.977 1.025	495900.000 50906.773	69.533 33.493	15.776 34.617	156.630 23.845
8/16/2016 4:00:00 PM 41950.371 1.025	496800.000 50921.820	69.535 33.504	15.776 34.627	156.635 23.838
8/16/2016 4:15:00 PM 41965.602 1.025	497700.000 50939.578	69.536 33.517	15.776 34.639	156.636 23.829
8/16/2016 4:30:00 PM 41962.676 1.025	498600.000 50935.297	69.525 33.514	15.777 34.636	156.612 23.831
8/16/2016 4:45:00 PM 41970.121 1.025	499500.000 50943.922	69.541 33.520	15.777 34.642	156.647 23.826
8/16/2016 5:00:00 PM 41982.348 1.025	500400.000 50959.590	69.542 33.531	15.777 34.653	156.651 23.820
8/16/2016 5:15:00 PM 41977.699 1.025	501300.000 50954.895	69.549 33.528	15.776 34.649	156.666 23.822
8/16/2016 5:30:00 PM 41964.418 1.025	502200.000 50938.348	69.537 33.516	15.776 34.638	156.638 23.830
8/16/2016 5:45:00 PM 41968.551 1.025	503100.000 50942.215	69.556 33.519	15.777 34.641	156.682 23.827
8/16/2016 6:00:00 PM 41944.555 1.025	504000.000 50913.715	69.563 33.498	15.777 34.621	156.698 23.841
8/16/2016 6:15:00 PM 41984.891 1.025	504900.000 50963.309	69.571 33.534	15.776 34.655	156.715 23.818
8/16/2016 6:30:00 PM 41951.105 1.025	505800.000 50921.254	69.580 33.503	15.777 34.626	156.735 23.837
8/16/2016 6:45:00 PM 41966.203 1.025	506700.000 50939.797	69.586 33.517	15.777 34.639	156.750 23.829
8/16/2016 7:00:00 PM 41937.809 1.025	507600.000 50905.637	69.598 33.492	15.777 34.616	156.776 23.845
8/16/2016 7:15:00 PM 41944.012 1.025	508500.000 50913.578	69.604 33.498	15.776 34.621	156.790 23.841
8/16/2016 7:30:00 PM 41977.254 1.025	509400.000 50953.516	69.611 33.527	15.777 34.648	156.806 23.822
8/16/2016 7:45:00 PM 41963.355 1.025	510300.000 50936.223	69.065 33.514	15.777 34.637	155.575 23.830
8/16/2016 8:00:00 PM 41962.141 1.025	511200.000 50935.582	68.926 33.514	15.776 34.636	155.262 23.831

8/16/2016 8:15:00 PM 41967.789 1.025	512100.000 50941.918	68.838 33.518	15.777 34.641	155.064 23.828
8/16/2016 8:30:00 PM 41983.660 1.025	513000.000 50960.668	68.774 33.532	15.777 34.653	154.921 23.819
8/16/2016 8:45:00 PM 41988.051 1.025	513900.000 50966.723	68.729 33.537	15.777 34.657	154.819 23.816
8/16/2016 9:00:00 PM 41988.270 1.025	514800.000 50967.301	68.687 33.537	15.776 34.658	154.724 23.816
8/16/2016 9:15:00 PM 41973.602 1.025	515700.000 50950.020	68.673 33.524	15.776 34.646	154.692 23.824
8/16/2016 9:30:00 PM 41994.844 1.025	516600.000 50975.914	68.668 33.543	15.776 34.664	154.682 23.812
8/16/2016 9:45:00 PM 41970.547 1.025	517500.000 50947.051	68.660 33.522	15.775 34.644	154.664 23.826
8/16/2016 10:00:00 PM 41984.699 1.025	518400.000 50965.367	68.645 33.535	15.774 34.656	154.629 23.818
8/16/2016 10:15:00 PM 41975.602 1.025	519300.000 50954.836	68.626 33.528	15.774 34.649	154.587 23.823
8/16/2016 10:30:00 PM 41963.922 1.025	520200.000 50941.813	68.605 33.518	15.773 34.640	154.540 23.830
8/16/2016 10:45:00 PM 41958.355 1.025	521100.000 50935.980	68.583 33.514	15.772 34.636	154.490 23.833
8/16/2016 11:00:00 PM 41963.086 1.025	522000.000 50942.039	68.538 33.518	15.772 34.641	154.389 23.830
8/16/2016 11:15:00 PM 41981.668 1.025	522900.000 50966.266	68.525 33.536	15.770 34.657	154.358 23.820
8/16/2016 11:30:00 PM 41998.590 1.025	523800.000 50985.871	68.482 33.550	15.771 34.670	154.263 23.810
8/16/2016 11:45:00 PM 41960.715 1.025	524700.000 50941.973	68.463 33.518	15.769 34.641	154.220 23.832
8/17/2016 12:00:00 AM 41975.430 1.025	525600.000 50960.469	68.436 33.531	15.769 34.653	154.158 23.823
8/17/2016 12:15:00 AM 42006.484 1.025	526500.000 50998.375	68.417 33.559	15.769 34.679	154.116 23.806
8/17/2016 12:30:00 AM 41979.629 1.025	527400.000 50966.188	68.380 33.536	15.768 34.657	154.034 23.821
8/17/2016 12:45:00 AM 41976.258 1.025	528300.000 50961.879	68.381 33.532	15.769 34.654	154.034 23.823

8/17/2016 1:00:00 AM 41989.426 1.025	529200.000 50977.461	68.363 33.544	15.769 34.665	153.993 23.816
8/17/2016 1:15:00 AM 41987.324 1.025	530100.000 50974.906	68.339 33.542	15.769 34.663	153.941 23.817
8/17/2016 1:30:00 AM 41975.754 1.025	531000.000 50962.727	68.316 33.533	15.767 34.655	153.889 23.823
8/17/2016 1:45:00 AM 41967.730 1.025	531900.000 50952.574	68.294 33.526	15.768 34.648	153.839 23.828
8/17/2016 2:00:00 AM 42007.699 1.025	532800.000 51000.051	68.268 33.561	15.769 34.680	153.780 23.805
8/17/2016 2:15:00 AM 41994.824 1.025	533700.000 50984.418	68.247 33.549	15.769 34.669	153.732 23.812
8/17/2016 2:30:00 AM 41990.555 1.025	534600.000 50979.965	68.208 33.546	15.768 34.666	153.646 23.815
8/17/2016 2:45:00 AM 41983.832 1.025	535500.000 50972.535	68.197 33.540	15.767 34.661	153.621 23.819
8/17/2016 3:00:00 AM 41996.633 1.025	536400.000 50986.211	68.178 33.550	15.769 34.671	153.577 23.811
8/17/2016 3:15:00 AM 41996.133 1.025	537300.000 50986.641	68.158 33.551	15.768 34.671	153.532 23.812
8/17/2016 3:30:00 AM 41975.102 1.025	538200.000 50960.277	68.140 33.531	15.769 34.653	153.492 23.824
8/17/2016 3:45:00 AM 42008.402 1.025	539100.000 51001.953	68.114 33.562	15.768 34.681	153.433 23.805
8/17/2016 4:00:00 AM 41985.691 1.025	540000.000 50974.277	68.098 33.542	15.768 34.663	153.398 23.818
8/17/2016 4:15:00 AM 41973.684 1.025	540900.000 50958.242	68.083 33.530	15.769 34.652	153.364 23.824
8/17/2016 4:30:00 AM 41950.129 1.025	541800.000 50929.020	68.065 33.508	15.770 34.632	153.322 23.838
8/17/2016 4:45:00 AM 41981.758 1.025	542700.000 50968.250	68.031 33.537	15.769 34.658	153.247 23.820
8/17/2016 5:00:00 AM 41968.891 1.025	543600.000 50952.109	68.037 33.525	15.769 34.647	153.261 23.827
8/17/2016 5:15:00 AM 41971.309 1.025	544500.000 50954.520	68.009 33.527	15.770 34.649	153.198 23.826
8/17/2016 5:30:00 AM 41977.016 1.025	545400.000 50960.203	68.011 33.531	15.771 34.653	153.202 23.823

8/17/2016 5:45:00 AM 41993.113 1.025	546300.000 50979.637	68.008 33.546	15.771 34.666	153.194 23.813
8/17/2016 6:00:00 AM 42003.383 1.025	547200.000 50991.996	67.996 33.555	15.771 34.675	153.168 23.808
8/17/2016 6:15:00 AM 41990.156 1.025	548100.000 50976.254	67.984 33.543	15.771 34.664	153.140 23.815
8/17/2016 6:30:00 AM 41978.883 1.025	549000.000 50961.422	67.976 33.532	15.772 34.654	153.123 23.822
8/17/2016 6:45:00 AM 41944.387 1.025	549900.000 50919.742	67.958 33.502	15.771 34.625	153.083 23.841
8/17/2016 7:00:00 AM 41972.332 1.025	550800.000 50952.949	67.963 33.526	15.772 34.648	153.094 23.825
8/17/2016 7:15:00 AM 42004.340 1.025	551700.000 50992.645	67.944 33.555	15.771 34.675	153.050 23.807
8/17/2016 7:30:00 AM 41992.199 1.025	552600.000 50977.785	67.961 33.544	15.771 34.665	153.089 23.814
8/17/2016 7:45:00 AM 42008.480 1.025	553500.000 50997.039	67.957 33.559	15.772 34.678	153.079 23.805
8/17/2016 8:00:00 AM 42022.148 1.025	554400.000 51012.910	67.955 33.570	15.773 34.689	153.076 23.797
8/17/2016 8:15:00 AM 42005.148 1.025	555300.000 50992.371	67.954 33.555	15.772 34.675	153.073 23.807
8/17/2016 8:30:00 AM 41975.887 1.025	556200.000 50957.473	67.951 33.529	15.772 34.651	153.066 23.823
8/17/2016 8:45:00 AM 41974.137 1.025	557100.000 50954.313	67.957 33.527	15.773 34.649	153.081 23.824
8/17/2016 9:00:00 AM 41981.746 1.025	558000.000 50964.063	67.955 33.534	15.772 34.656	153.075 23.820
8/17/2016 9:15:00 AM 41989.531 1.025	558900.000 50973.512	67.957 33.541	15.772 34.662	153.081 23.815
8/17/2016 9:30:00 AM 42002.996 1.025	559800.000 50989.453	67.934 33.553	15.773 34.673	153.029 23.808
8/17/2016 9:45:00 AM 41988.109 1.025	560700.000 50972.516	67.955 33.541	15.772 34.661	153.076 23.816
8/17/2016 10:00:00 AM 42001.313 1.025	561600.000 50987.617	67.958 33.552	15.773 34.672	153.081 23.809
8/17/2016 10:15:00 AM 41993.309 1.025	562500.000 50978.215	67.953 33.545	15.772 34.665	153.072 23.813

8/17/2016 10:30:00 AM 41996.156 1.025	563400.000 50981.766	67.957 33.547	15.772 34.668	153.079 23.812
8/17/2016 10:45:00 AM 42012.836 1.025	564300.000 51001.922	67.936 33.562	15.772 34.681	153.032 23.802
8/17/2016 11:00:00 AM 41981.609 1.025	565200.000 50963.582	67.951 33.534	15.773 34.655	153.066 23.820
8/17/2016 11:15:00 AM 41999.645 1.025	566100.000 50986.418	67.936 33.551	15.772 34.671	153.032 23.810
8/17/2016 11:30:00 AM 42029.191 1.025	567000.000 51021.656	67.941 33.577	15.772 34.695	153.045 23.793
8/17/2016 11:45:00 AM 42004.836 1.025	567900.000 50993.129	67.943 33.556	15.771 34.675	153.047 23.807
8/17/2016 12:00:00 PM 41983.715 1.025	568800.000 50966.867	67.936 33.536	15.772 34.657	153.033 23.819
8/17/2016 12:15:00 PM 42028.078 1.025	569700.000 51021.035	67.932 33.576	15.772 34.694	153.023 23.794
8/17/2016 12:30:00 PM 41995.238 1.025	570600.000 50981.387	67.929 33.547	15.772 34.667	153.018 23.812
8/17/2016 12:45:00 PM 42001.316 1.025	571500.000 50988.547	67.921 33.552	15.772 34.672	152.999 23.809
8/17/2016 1:00:00 PM 41998.992 1.025	572400.000 50985.629	67.911 33.550	15.772 34.670	152.977 23.810
8/17/2016 1:15:00 PM 41989.391 1.025	573300.000 50975.227	67.909 33.542	15.771 34.663	152.972 23.816
8/17/2016 1:30:00 PM 41996.398 1.025	574200.000 50983.320	67.898 33.548	15.771 34.669	152.946 23.812
8/17/2016 1:45:00 PM 42014.184 1.025	575100.000 51004.477	67.893 33.564	15.771 34.683	152.935 23.801
8/17/2016 2:00:00 PM 41975.207 1.025	576000.000 50957.387	67.883 33.529	15.771 34.651	152.914 23.824
8/17/2016 2:15:00 PM 41996.719 1.025	576900.000 50983.504	67.876 33.549	15.771 34.669	152.897 23.811
8/17/2016 2:30:00 PM 42009.629 1.025	577800.000 50999.582	67.864 33.560	15.771 34.680	152.871 23.804
8/17/2016 2:45:00 PM 42009.750 1.025	578700.000 50998.688	67.839 33.560	15.772 34.679	152.814 23.804
8/17/2016 3:00:00 PM 41996.523 1.025	579600.000 50983.578	67.850 33.549	15.771 34.669	152.839 23.811

8/17/2016 3:15:00 PM 41985.852 1.025	580500.000 50969.773	67.839 33.539	15.772 34.659	152.815 23.818
8/17/2016 3:30:00 PM 42025.359 1.025	581400.000 51018.992	67.836 33.575	15.771 34.693	152.808 23.795
8/17/2016 3:45:00 PM 42007.895 1.025	582300.000 50996.641	67.824 33.558	15.772 34.678	152.780 23.805
8/17/2016 4:00:00 PM 41997.875 1.025	583200.000 50985.418	67.816 33.550	15.771 34.670	152.762 23.811
8/17/2016 4:15:00 PM 42007.375 1.025	584100.000 50995.805	67.810 33.558	15.772 34.677	152.750 23.805
8/17/2016 4:30:00 PM 41986.961 1.025	585000.000 50971.547	67.810 33.540	15.771 34.661	152.748 23.817
8/17/2016 4:45:00 PM 42023.398 1.025	585900.000 51015.043	67.804 33.572	15.772 34.690	152.734 23.796
8/17/2016 5:00:00 PM 42018.000 1.025	586800.000 51008.488	67.802 33.567	15.772 34.686	152.730 23.799
8/17/2016 5:15:00 PM 42001.266 1.025	587700.000 50988.281	67.803 33.552	15.772 34.672	152.732 23.809
8/17/2016 5:30:00 PM 41992.512 1.025	588600.000 50977.445	67.796 33.544	15.772 34.665	152.717 23.814
8/17/2016 5:45:00 PM 41986.426 1.025	589500.000 50970.059	67.793 33.539	15.772 34.660	152.711 23.817
8/17/2016 6:00:00 PM 41983.641 1.025	590400.000 50966.570	67.796 33.536	15.772 34.657	152.717 23.819
8/17/2016 6:15:00 PM 42026.367 1.025	591300.000 51018.230	67.800 33.574	15.772 34.692	152.726 23.795
8/17/2016 6:30:00 PM 42013.055 1.025	592200.000 51002.188	67.798 33.562	15.772 34.681	152.721 23.802
8/17/2016 6:45:00 PM 42016.555 1.025	593100.000 51006.734	67.798 33.566	15.772 34.685	152.722 23.800
8/17/2016 7:00:00 PM 42008.406 1.025	594000.000 50997.578	67.786 33.559	15.771 34.678	152.695 23.805
8/17/2016 7:15:00 PM 42010.805 1.025	594900.000 50999.969	67.808 33.561	15.772 34.680	152.745 23.803
8/17/2016 7:30:00 PM 41990.109 1.025	595800.000 50974.215	67.806 33.542	15.772 34.662	152.740 23.815
8/17/2016 7:45:00 PM 41991.902 1.025	596700.000 50977.227	67.811 33.544	15.772 34.665	152.752 23.814

8/17/2016 8:00:00 PM 42027.883 1.025	597600.000 51020.188	67.821 33.576	15.772 34.694	152.773 23.794
8/17/2016 8:15:00 PM 41971.855 1.025	598500.000 50953.207	67.814 33.526	15.771 34.648	152.757 23.825
8/17/2016 8:30:00 PM 42014.363 1.025	599400.000 51005.750	67.832 33.565	15.771 34.684	152.798 23.801
8/17/2016 8:45:00 PM 41999.758 1.025	600300.000 50988.109	67.844 33.552	15.771 34.672	152.825 23.810
8/17/2016 9:00:00 PM 42008.090 1.025	601200.000 50999.063	67.860 33.560	15.770 34.679	152.861 23.805
8/17/2016 9:15:00 PM 41998.867 1.025	602100.000 50987.461	67.867 33.551	15.770 34.671	152.878 23.810
8/17/2016 9:30:00 PM 42029.160 1.025	603000.000 51026.105	67.883 33.580	15.769 34.698	152.914 23.793
8/17/2016 9:45:00 PM 41988.906 1.025	603900.000 50976.406	67.893 33.543	15.769 34.664	152.935 23.816
8/17/2016 10:00:00 PM 41993.016 1.025	604800.000 50983.484	67.904 33.548	15.767 34.669	152.961 23.813
8/17/2016 10:15:00 PM 42009.379 1.025	605700.000 51003.445	67.920 33.563	15.767 34.682	152.996 23.804
8/17/2016 10:30:00 PM 41996.750 1.025	606600.000 50989.465	67.911 33.553	15.766 34.673	152.976 23.811
8/17/2016 10:45:00 PM 41989.441 1.025	607500.000 50982.055	67.934 33.547	15.765 34.668	153.028 23.816
8/17/2016 11:00:00 PM 41996.047 1.025	608400.000 50991.227	67.946 33.554	15.764 34.674	153.056 23.812
8/17/2016 11:15:00 PM 42021.000 1.025	609300.000 51021.527	67.961 33.576	15.764 34.695	153.089 23.798
8/17/2016 11:30:00 PM 42011.262 1.025	610200.000 51011.676	67.970 33.569	15.762 34.688	153.108 23.803
8/17/2016 11:45:00 PM 42014.543 1.025	611100.000 51015.867	67.954 33.572	15.762 34.691	153.074 23.801

Report Date: 8/19/2016 12:29:07 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1S LT Test_2016-08-18_11-18-21-099.wsl
Create Date: 8/18/2016 11:18:12 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

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

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

Log Data:

Record Count: 726

Sensors: 1

1 - 421436: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight 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#:
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)				

8/11/2016 12:00:00 AM	7200.000	18.591	14.954	41.878
40895.543	50606.273	33.208	34412.266	24.453
1.025				
8/11/2016 12:15:00 AM	8100.000	18.589	14.951	41.873
40871.496	50579.172	33.188	34393.836	24.467
1.025				
8/11/2016 12:30:00 AM	9000.000	18.587	14.953	41.869
40882.746	50591.516	33.197	34402.234	24.460
1.025				
8/11/2016 12:45:00 AM	9900.000	18.583	14.952	41.859
40902.879	50617.047	33.216	34419.594	24.448
1.025				
8/11/2016 1:00:00 AM	10800.000	18.576	14.951	41.843
40850.840	50553.391	33.169	34376.305	24.479
1.025				
8/11/2016 1:15:00 AM	11700.000	18.577	14.952	41.845
40864.199	50569.184	33.181	34387.047	24.471
1.025				
8/11/2016 1:30:00 AM	12600.000	18.571	14.951	41.833
40886.090	50597.871	33.201	34406.551	24.458
1.025				
8/11/2016 1:45:00 AM	13500.000	18.570	14.953	41.831
40912.914	50628.520	33.224	34427.395	24.442
1.025				
8/11/2016 2:00:00 AM	14400.000	18.570	14.950	41.831
40871.914	50580.945	33.189	34395.047	24.467
1.025				
8/11/2016 2:15:00 AM	15300.000	18.567	14.953	41.825
40872.176	50578.207	33.187	34393.180	24.467
1.025				
8/11/2016 2:30:00 AM	16200.000	18.567	14.952	41.825
40915.465	50633.160	33.227	34430.555	24.441
1.025				
8/11/2016 2:45:00 AM	17100.000	18.556	14.952	41.798
40889.145	50600.051	33.203	34408.035	24.456
1.025				
8/11/2016 3:00:00 AM	18000.000	18.559	14.952	41.805
40873.113	50580.441	33.189	34394.699	24.466
1.025				
8/11/2016 3:15:00 AM	18900.000	18.555	14.954	41.796
40883.203	50590.684	33.196	34401.664	24.460
1.025				
8/11/2016 3:30:00 AM	19800.000	18.551	14.951	41.789
40923.715	50643.891	33.235	34437.852	24.436
1.025				
8/11/2016 3:45:00 AM	20700.000	18.552	14.954	41.791
40871.996	50576.715	33.186	34392.172	24.467
1.025				
8/11/2016 4:00:00 AM	21600.000	18.549	14.955	41.782
40880.668	50586.297	33.193	34398.684	24.461
1.025				
8/11/2016 4:15:00 AM	22500.000	18.544	14.953	41.773
40858.113	50560.375	33.174	34381.059	24.475
1.025				
8/11/2016 4:30:00 AM	23400.000	18.550	14.954	41.786
40901.688	50613.777	33.213	34417.371	24.449
1.025				
8/11/2016 4:45:00 AM	24300.000	18.542	14.954	41.768

40897.055	50607.625	33.209	34413.184	24.452
1.025				
8/11/2016 5:00:00 AM	25200.000	18.542	14.955	41.769
40891.148	50598.516	33.202	34406.992	24.455
1.025				
8/11/2016 5:15:00 AM	26100.000	18.539	14.954	41.762
40853.453	50553.563	33.169	34376.422	24.478
1.025				
8/11/2016 5:30:00 AM	27000.000	18.539	14.954	41.761
40860.516	50562.301	33.176	34382.367	24.474
1.025				
8/11/2016 5:45:00 AM	27900.000	18.534	14.954	41.750
40855.359	50556.129	33.171	34378.172	24.477
1.025				
8/11/2016 6:00:00 AM	28800.000	18.529	14.954	41.739
40878.176	50584.043	33.192	34397.152	24.463
1.025				
8/11/2016 6:15:00 AM	29700.000	18.533	14.954	41.747
40914.645	50629.070	33.225	34427.773	24.441
1.025				
8/11/2016 6:30:00 AM	30600.000	18.528	14.955	41.735
40909.180	50621.039	33.219	34422.309	24.444
1.025				
8/11/2016 6:45:00 AM	31500.000	18.521	14.954	41.719
40874.770	50579.410	33.188	34394.000	24.465
1.025				
8/11/2016 7:00:00 AM	32400.000	18.527	14.956	41.735
40864.965	50565.371	33.178	34384.457	24.471
1.025				
8/11/2016 7:15:00 AM	33300.000	18.519	14.955	41.716
40904.746	50616.293	33.215	34419.078	24.447
1.025				
8/11/2016 7:30:00 AM	34200.000	18.517	14.955	41.711
40868.902	50571.309	33.182	34388.488	24.468
1.025				
8/11/2016 7:45:00 AM	35100.000	18.516	14.955	41.709
40905.543	50616.430	33.215	34419.176	24.447
1.025				
8/11/2016 8:00:00 AM	36000.000	18.517	14.955	41.711
40866.922	50569.289	33.181	34387.121	24.470
1.025				
8/11/2016 8:15:00 AM	36900.000	18.512	14.956	41.700
40858.496	50557.586	33.172	34379.160	24.475
1.025				
8/11/2016 8:30:00 AM	37800.000	18.512	14.956	41.700
40873.293	50575.676	33.186	34391.465	24.466
1.025				
8/11/2016 8:45:00 AM	38700.000	18.514	14.955	41.704
40883.469	50589.113	33.195	34400.602	24.460
1.025				
8/11/2016 9:00:00 AM	39600.000	18.515	14.955	41.707
40848.742	50546.363	33.164	34371.527	24.481
1.025				
8/11/2016 9:15:00 AM	40500.000	18.509	14.957	41.694
40891.305	50597.434	33.202	34406.254	24.455
1.025				
8/11/2016 9:30:00 AM	41400.000	18.511	14.957	41.697

40879.805	50582.043	33.190	34395.789	24.462
1.025				
8/11/2016 9:45:00 AM	42300.000	18.510	14.956	41.696
40877.219	50580.215	33.189	34394.551	24.464
1.025				
8/11/2016 10:00:00 AM	43200.000	18.503	14.957	41.679
40862.727	50561.863	33.176	34382.070	24.472
1.025				
8/11/2016 10:15:00 AM	44100.000	18.500	14.957	41.674
40874.152	50576.000	33.186	34391.684	24.465
1.025				
8/11/2016 10:30:00 AM	45000.000	18.500	14.956	41.674
40878.352	50582.043	33.190	34395.789	24.463
1.025				
8/11/2016 10:45:00 AM	45900.000	18.503	14.957	41.679
40884.203	50588.645	33.195	34400.281	24.459
1.025				
8/11/2016 11:00:00 AM	46800.000	18.502	14.957	41.678
40914.316	50625.379	33.222	34425.258	24.441
1.025				
8/11/2016 11:15:00 AM	47700.000	18.500	14.958	41.674
40884.969	50588.223	33.195	34399.992	24.459
1.025				
8/11/2016 11:30:00 AM	48600.000	18.496	14.958	41.664
40857.258	50553.938	33.170	34376.684	24.475
1.025				
8/11/2016 11:45:00 AM	49500.000	18.495	14.957	41.662
40873.426	50574.270	33.185	34390.508	24.466
1.025				
8/11/2016 12:00:00 PM	50400.000	18.490	14.957	41.651
40873.027	50574.395	33.185	34390.590	24.466
1.025				
8/11/2016 12:15:00 PM	51300.000	18.492	14.958	41.656
40882.203	50584.055	33.192	34397.160	24.461
1.025				
8/11/2016 12:30:00 PM	52200.000	18.494	14.958	41.659
40892.266	50597.355	33.202	34406.203	24.455
1.025				
8/11/2016 12:45:00 PM	53100.000	18.487	14.958	41.643
40873.137	50573.488	33.184	34389.973	24.466
1.025				
8/11/2016 1:00:00 PM	54000.000	18.488	14.959	41.647
40870.191	50568.457	33.181	34386.551	24.468
1.025				
8/11/2016 1:15:00 PM	54900.000	18.488	14.960	41.647
40870.695	50568.238	33.180	34386.402	24.467
1.025				
8/11/2016 1:30:00 PM	55800.000	18.484	14.958	41.636
40844.230	50537.070	33.158	34365.207	24.483
1.025				
8/11/2016 1:45:00 PM	56700.000	18.486	14.958	41.641
40867.832	50566.813	33.179	34385.438	24.469
1.025				
8/11/2016 2:00:00 PM	57600.000	18.481	14.958	41.631
40890.148	50594.633	33.200	34404.355	24.456
1.025				
8/11/2016 2:15:00 PM	58500.000	18.483	14.957	41.636
40912.738	50623.531	33.221	34424.000	24.442

1.025				
8/11/2016 2:30:00 PM	59400.000	18.481	14.957	41.631
40902.773	50611.094	33.212	34415.547	24.448
1.025				
8/11/2016 2:45:00 PM	60300.000	18.483	14.958	41.636
40887.484	50591.129	33.197	34401.969	24.457
1.025				
8/11/2016 3:00:00 PM	61200.000	18.484	14.958	41.638
40879.250	50581.148	33.190	34395.180	24.462
1.025				
8/11/2016 3:15:00 PM	62100.000	18.480	14.958	41.628
40861.676	50558.766	33.173	34379.965	24.473
1.025				
8/11/2016 3:30:00 PM	63000.000	18.478	14.958	41.622
40886.730	50590.402	33.197	34401.473	24.458
1.025				
8/11/2016 3:45:00 PM	63900.000	18.480	14.958	41.629
40860.730	50557.488	33.172	34379.098	24.473
1.025				
8/11/2016 4:00:00 PM	64800.000	18.477	14.959	41.621
40888.816	50591.070	33.197	34401.934	24.457
1.025				
8/11/2016 4:15:00 PM	65700.000	18.481	14.959	41.631
40901.516	50607.004	33.209	34412.762	24.449
1.025				
8/11/2016 4:30:00 PM	66600.000	18.482	14.960	41.632
40868.797	50565.789	33.179	34384.738	24.469
1.025				
8/11/2016 4:45:00 PM	67500.000	18.476	14.959	41.620
40883.457	50585.078	33.193	34397.855	24.460
1.025				
8/11/2016 5:00:00 PM	68400.000	18.480	14.959	41.629
40874.148	50573.043	33.184	34389.672	24.465
1.025				
8/11/2016 5:15:00 PM	69300.000	18.482	14.960	41.633
40870.566	50567.980	33.180	34386.227	24.467
1.025				
8/11/2016 5:30:00 PM	70200.000	18.483	14.959	41.634
40860.141	50556.020	33.171	34378.094	24.474
1.025				
8/11/2016 5:45:00 PM	71100.000	18.486	14.959	41.642
40857.105	50552.055	33.169	34375.402	24.476
1.025				
8/11/2016 6:00:00 PM	72000.000	18.490	14.960	41.650
40876.945	50576.074	33.186	34391.730	24.464
1.025				
8/11/2016 6:15:00 PM	72900.000	18.486	14.960	41.642
40857.793	50552.277	33.169	34375.555	24.475
1.025				
8/11/2016 6:30:00 PM	73800.000	18.489	14.961	41.648
40894.605	50596.555	33.201	34405.660	24.453
1.025				
8/11/2016 6:45:00 PM	74700.000	18.493	14.959	41.657
40879.727	50580.141	33.189	34394.496	24.462
1.025				
8/11/2016 7:00:00 PM	75600.000	18.494	14.959	41.659
40947.461	50663.949	33.250	34451.484	24.422

1.025				
8/11/2016 7:15:00 PM	76500.000	18.494	14.960	41.659
40874.605	50572.977	33.184	34389.625	24.465
1.025				
8/11/2016 7:30:00 PM	77400.000	18.496	14.959	41.664
40885.469	50587.566	33.195	34399.547	24.459
1.025				
8/11/2016 7:45:00 PM	78300.000	18.497	14.960	41.667
40885.691	50586.695	33.194	34398.957	24.458
1.025				
8/11/2016 8:00:00 PM	79200.000	18.500	14.959	41.672
40911.910	50620.074	33.218	34421.652	24.443
1.025				
8/11/2016 8:15:00 PM	80100.000	18.507	14.960	41.689
40902.340	50607.293	33.209	34412.965	24.448
1.025				
8/11/2016 8:30:00 PM	81000.000	18.507	14.959	41.688
40903.996	50610.074	33.211	34414.852	24.447
1.025				
8/11/2016 8:45:00 PM	81900.000	18.509	14.959	41.693
40901.367	50606.602	33.209	34412.492	24.449
1.025				
8/11/2016 9:00:00 PM	82800.000	18.518	14.961	41.714
40887.055	50587.414	33.195	34399.445	24.458
1.025				
8/11/2016 9:15:00 PM	83700.000	18.511	14.960	41.697
40908.957	50615.680	33.215	34418.668	24.445
1.025				
8/11/2016 9:30:00 PM	84600.000	18.517	14.958	41.711
40859.930	50557.035	33.172	34378.789	24.474
1.025				
8/11/2016 9:45:00 PM	85500.000	18.514	14.959	41.705
40896.156	50599.945	33.204	34407.965	24.452
1.025				
8/11/2016 10:00:00 PM	86400.000	18.520	14.959	41.717
40862.090	50558.859	33.173	34380.023	24.473
1.025				
8/11/2016 10:15:00 PM	87300.000	18.518	14.958	41.714
40891.734	50595.848	33.201	34405.180	24.455
1.025				
8/11/2016 10:30:00 PM	88200.000	18.522	14.958	41.723
40848.934	50542.891	33.162	34369.168	24.480
1.025				
8/11/2016 10:45:00 PM	89100.000	18.522	14.960	41.723
40865.063	50561.371	33.175	34381.738	24.471
1.025				
8/11/2016 11:00:00 PM	90000.000	18.520	14.958	41.717
40870.523	50569.715	33.181	34387.410	24.468
1.025				
8/11/2016 11:15:00 PM	90900.000	18.522	14.958	41.723
40891.695	50595.801	33.201	34405.148	24.455
1.025				
8/11/2016 11:30:00 PM	91800.000	18.522	14.959	41.723
40889.434	50592.266	33.198	34402.746	24.456
1.025				
8/11/2016 11:45:00 PM	92700.000	18.522	14.959	41.723
40869.910	50568.316	33.180	34386.461	24.468
1.025				

8/12/2016 12:00:00 AM 40891.555 1.025	93600.000 50595.629	18.518 33.200	14.958 34405.031	41.713 24.455
8/12/2016 12:15:00 AM 40879.719 1.025	94500.000 50580.453	18.520 33.189	14.959 34394.711	41.717 24.462
8/12/2016 12:30:00 AM 40893.313 1.025	95400.000 50597.703	18.518 33.202	14.958 34406.441	41.713 24.454
8/12/2016 12:45:00 AM 40880.520 1.025	96300.000 50581.344	18.520 33.190	14.959 34395.313	41.717 24.462
8/12/2016 1:00:00 AM 40862.758 1.025	97200.000 50560.645	18.509 33.175	14.958 34381.242	41.694 24.472
8/12/2016 1:15:00 AM 40903.777 1.025	98100.000 50610.648	18.512 33.211	14.958 34415.246	41.700 24.448
8/12/2016 1:30:00 AM 40879.719 1.025	99000.000 50581.828	18.509 33.190	14.958 34395.645	41.693 24.462
8/12/2016 1:45:00 AM 40883.000 1.025	99900.000 50585.996	18.511 33.193	14.957 34398.480	41.698 24.460
8/12/2016 2:00:00 AM 40851.258 1.025	100800.000 50545.340	18.510 33.164	14.959 34370.836	41.696 24.479
8/12/2016 2:15:00 AM 40856.723 1.025	101700.000 50551.680	18.507 33.168	14.959 34375.141	41.689 24.476
8/12/2016 2:30:00 AM 40904.137 1.025	102600.000 50610.344	18.505 33.211	14.959 34415.035	41.685 24.447
8/12/2016 2:45:00 AM 40886.152 1.025	103500.000 50588.313	18.503 33.195	14.959 34400.055	41.679 24.458
8/12/2016 3:00:00 AM 40881.664 1.025	104400.000 50582.758	18.498 33.191	14.959 34396.277	41.669 24.461
8/12/2016 3:15:00 AM 40866.176 1.025	105300.000 50564.441	18.495 33.178	14.958 34383.824	41.662 24.470
8/12/2016 3:30:00 AM 40898.133 1.025	106200.000 50602.188	18.489 33.205	14.960 34409.488	41.648 24.451
8/12/2016 3:45:00 AM 40856.387 1.025	107100.000 50550.840	18.492 33.168	14.959 34374.574	41.655 24.476
8/12/2016 4:00:00 AM 40903.637 1.025	108000.000 50609.945	18.490 33.211	14.959 34414.766	41.651 24.448
8/12/2016 4:15:00 AM 40890.695 1.025	108900.000 50592.984	18.484 33.199	14.960 34403.234	41.637 24.455
8/12/2016 4:30:00 AM 40862.633 1.025	109800.000 50558.266	18.482 33.173	14.960 34379.625	41.632 24.472

8/12/2016 4:45:00 AM 40868.871 1.025	110700.000 50565.883	18.480 33.179	14.960 34384.805	41.628 24.469
8/12/2016 5:00:00 AM 40879.766 1.025	111600.000 50579.766	18.477 33.189	14.959 34394.246	41.621 24.462
8/12/2016 5:15:00 AM 40884.145 1.025	112500.000 50584.781	18.476 33.193	14.960 34397.656	41.619 24.459
8/12/2016 5:30:00 AM 40880.520 1.025	113400.000 50579.449	18.478 33.189	14.960 34394.027	41.624 24.462
8/12/2016 5:45:00 AM 40878.063 1.025	114300.000 50576.617	18.478 33.187	14.960 34392.105	41.624 24.463
8/12/2016 6:00:00 AM 40867.820 1.025	115200.000 50562.770	18.476 33.177	14.961 34382.688	41.620 24.469
8/12/2016 6:15:00 AM 40856.219 1.025	116100.000 50548.418	18.474 33.166	14.961 34372.930	41.615 24.476
8/12/2016 6:30:00 AM 40887.848 1.025	117000.000 50587.656	18.473 33.195	14.961 34399.609	41.613 24.457
8/12/2016 6:45:00 AM 40901.730 1.025	117900.000 50605.801	18.472 33.208	14.960 34411.945	41.609 24.449
8/12/2016 7:00:00 AM 40896.262 1.025	118800.000 50596.480	18.470 33.201	14.962 34405.605	41.605 24.452
8/12/2016 7:15:00 AM 40895.578 1.025	119700.000 50597.008	18.479 33.202	14.961 34405.969	41.626 24.453
8/12/2016 7:30:00 AM 40855.621 1.025	120600.000 50548.215	18.468 33.166	14.961 34372.789	41.601 24.476
8/12/2016 7:45:00 AM 40891.477 1.025	121500.000 50592.039	18.472 33.198	14.961 34402.586	41.609 24.455
8/12/2016 8:00:00 AM 40870.230 1.025	122400.000 50565.012	18.470 33.178	14.962 34384.207	41.606 24.468
8/12/2016 8:15:00 AM 40888.719 1.025	123300.000 50588.191	18.471 33.195	14.962 34399.973	41.607 24.457
8/12/2016 8:30:00 AM 40893.461 1.025	124200.000 50594.059	18.468 33.200	14.962 34403.961	41.601 24.454
8/12/2016 8:45:00 AM 40919.863 1.025	125100.000 50625.879	18.469 33.223	14.962 34425.598	41.603 24.438
8/12/2016 9:00:00 AM 40910.723 1.025	126000.000 50614.570	18.473 33.215	14.962 34417.906	41.613 24.443
8/12/2016 9:15:00 AM 40913.203 1.025	126900.000 50618.066	18.471 33.217	14.962 34420.289	41.607 24.442
8/12/2016 9:30:00 AM	127800.000	18.472	14.963	41.610

40883.500	50580.586	33.190	34394.797	24.460
1.025				
8/12/2016 9:45:00 AM	128700.000	18.469	14.962	41.602
40855.441	50546.926	33.165	34371.910	24.477
1.025				
8/12/2016 10:00:00 AM	129600.000	18.464	14.963	41.593
40901.477	50602.500	33.206	34409.703	24.449
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8/12/2016 10:15:00 AM	130500.000	18.465	14.962	41.595
40856.965	50548.063	33.166	34372.684	24.476
1.025				
8/12/2016 10:30:00 AM	131400.000	18.468	14.961	41.600
40858.559	50550.996	33.168	34374.676	24.475
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8/12/2016 10:45:00 AM	132300.000	18.470	14.962	41.606
40858.074	50549.344	33.167	34373.559	24.475
1.025				
8/12/2016 11:00:00 AM	133200.000	18.476	14.963	41.619
40898.566	50598.898	33.203	34407.254	24.451
1.025				
8/12/2016 11:15:00 AM	134100.000	18.468	14.962	41.602
40878.902	50575.203	33.186	34391.141	24.462
1.025				
8/12/2016 11:30:00 AM	135000.000	18.468	14.962	41.601
40903.957	50606.000	33.208	34412.082	24.448
1.025				
8/12/2016 11:45:00 AM	135900.000	18.467	14.964	41.600
40872.434	50565.313	33.179	34384.414	24.466
1.025				
8/12/2016 12:00:00 PM	136800.000	18.470	14.963	41.604
40879.949	50575.246	33.186	34391.172	24.462
1.025				
8/12/2016 12:15:00 PM	137700.000	18.468	14.963	41.602
40892.301	50590.738	33.197	34401.703	24.454
1.025				
8/12/2016 12:30:00 PM	138600.000	18.467	14.963	41.599
40885.082	50582.215	33.191	34395.910	24.459
1.025				
8/12/2016 12:45:00 PM	139500.000	18.464	14.963	41.593
40873.902	50567.648	33.180	34386.000	24.465
1.025				
8/12/2016 1:00:00 PM	140400.000	18.463	14.964	41.590
40907.668	50609.109	33.211	34414.195	24.445
1.025				
8/12/2016 1:15:00 PM	141300.000	18.465	14.963	41.594
40911.910	50615.211	33.215	34418.348	24.443
1.025				
8/12/2016 1:30:00 PM	142200.000	18.467	14.964	41.599
40879.188	50573.566	33.185	34390.031	24.462
1.025				
8/12/2016 1:45:00 PM	143100.000	18.461	14.964	41.586
40867.328	50558.777	33.174	34379.969	24.469
1.025				
8/12/2016 2:00:00 PM	144000.000	18.467	14.963	41.599
40916.914	50620.980	33.219	34422.270	24.440
1.025				
8/12/2016 2:15:00 PM	144900.000	18.464	14.963	41.593

40890.109 1.025	50587.699	33.195	34399.641	24.456
8/12/2016 2:30:00 PM 40893.383 1.025	145800.000 50591.230	18.465 33.198	14.964 34402.039	41.594 24.454
8/12/2016 2:45:00 PM 40887.699 1.025	146700.000 50584.715	18.465 33.193	14.963 34397.605	41.594 24.457
8/12/2016 3:00:00 PM 40877.504 1.025	147600.000 50569.469	18.468 33.182	14.966 34387.242	41.601 24.463
8/12/2016 3:15:00 PM 40899.031 1.025	148500.000 50597.578	18.464 33.202	14.964 34406.352	41.592 24.450
8/12/2016 3:30:00 PM 40887.695 1.025	149400.000 50583.973	18.469 33.192	14.964 34397.102	41.604 24.457
8/12/2016 3:45:00 PM 40888.211 1.025	150300.000 50584.191	18.461 33.193	14.964 34397.250	41.586 24.457
8/12/2016 4:00:00 PM 40881.488 1.025	151200.000 50575.875	18.466 33.186	14.964 34391.594	41.597 24.461
8/12/2016 4:15:00 PM 40894.965 1.025	152100.000 50592.965	18.467 33.199	14.964 34403.219	41.599 24.453
8/12/2016 4:30:00 PM 40873.723 1.025	153000.000 50564.898	18.470 33.178	14.966 34384.137	41.604 24.466
8/12/2016 4:45:00 PM 40868.078 1.025	153900.000 50558.965	18.469 33.174	14.965 34380.102	41.603 24.469
8/12/2016 5:00:00 PM 40871.211 1.025	154800.000 50561.895	18.467 33.176	14.965 34382.090	41.600 24.467
8/12/2016 5:15:00 PM 40887.172 1.025	155700.000 50581.848	18.474 33.191	14.965 34395.656	41.614 24.458
8/12/2016 5:30:00 PM 40885.328 1.025	156600.000 50580.406	18.478 33.190	14.965 34394.676	41.624 24.459
8/12/2016 5:45:00 PM 40871.039 1.025	157500.000 50561.781	18.479 33.176	14.965 34382.016	41.626 24.467
8/12/2016 6:00:00 PM 40904.895 1.025	158400.000 50605.570	18.478 33.208	14.964 34411.789	41.624 24.447
8/12/2016 6:15:00 PM 40876.879 1.025	159300.000 50570.172	18.482 33.182	14.964 34387.723	41.632 24.464
8/12/2016 6:30:00 PM 40889.895 1.025	160200.000 50585.848	18.486 33.194	14.965 34398.375	41.641 24.456
8/12/2016 6:45:00 PM 40886.516 1.025	161100.000 50581.355	18.487 33.190	14.965 34395.320	41.643 24.458
8/12/2016 7:00:00 PM 40904.430	162000.000 50604.367	18.494 33.207	14.964 34410.969	41.661 24.447

1.025				
8/12/2016 7:15:00 PM	162900.000	18.489	14.964	41.648
40901.688	50600.746	33.205	34408.508	24.449
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8/12/2016 7:30:00 PM	163800.000	18.496	14.965	41.663
40909.500	50609.469	33.211	34414.441	24.444
1.025				
8/12/2016 7:45:00 PM	164700.000	18.498	14.964	41.668
40874.785	50567.465	33.180	34385.875	24.465
1.025				
8/12/2016 8:00:00 PM	165600.000	18.498	14.965	41.668
40894.500	50591.754	33.198	34402.398	24.453
1.025				
8/12/2016 8:15:00 PM	166500.000	18.508	14.964	41.691
40883.500	50579.102	33.189	34393.793	24.460
1.025				
8/12/2016 8:30:00 PM	167400.000	18.507	14.965	41.689
40904.430	50603.938	33.207	34410.684	24.447
1.025				
8/12/2016 8:45:00 PM	168300.000	18.509	14.965	41.694
40861.367	50550.664	33.168	34374.453	24.473
1.025				
8/12/2016 9:00:00 PM	169200.000	18.514	14.965	41.705
40852.219	50538.926	33.159	34366.469	24.478
1.025				
8/12/2016 9:15:00 PM	170100.000	18.519	14.964	41.716
40888.250	50584.777	33.193	34397.652	24.457
1.025				
8/12/2016 9:30:00 PM	171000.000	18.515	14.963	41.707
40864.047	50555.453	33.171	34377.707	24.471
1.025				
8/12/2016 9:45:00 PM	171900.000	18.525	14.964	41.730
40835.965	50519.973	33.145	34353.586	24.488
1.025				
8/12/2016 10:00:00 PM	172800.000	18.522	14.963	41.723
40864.398	50556.430	33.172	34378.371	24.471
1.025				
8/12/2016 10:15:00 PM	173700.000	18.525	14.964	41.729
40923.859	50628.293	33.225	34427.238	24.436
1.025				
8/12/2016 10:30:00 PM	174600.000	18.526	14.964	41.731
40915.473	50618.879	33.218	34420.840	24.441
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8/12/2016 10:45:00 PM	175500.000	18.526	14.964	41.731
40894.535	50592.656	33.199	34403.012	24.453
1.025				
8/12/2016 11:00:00 PM	176400.000	18.529	14.963	41.739
40834.906	50519.523	33.145	34353.277	24.489
1.025				
8/12/2016 11:15:00 PM	177300.000	18.533	14.963	41.747
40900.402	50600.434	33.204	34408.297	24.450
1.025				
8/12/2016 11:30:00 PM	178200.000	18.535	14.964	41.752
40908.277	50610.078	33.211	34414.852	24.445
1.025				
8/12/2016 11:45:00 PM	179100.000	18.532	14.963	41.745
40886.336	50583.359	33.192	34396.688	24.458

1.025				
8/13/2016 12:00:00 AM	180000.000	18.533	14.964	41.747
40887.598	50584.395	33.193	34397.387	24.457
1.025				
8/13/2016 12:15:00 AM	180900.000	18.532	14.963	41.745
40856.500	50546.977	33.165	34371.949	24.476
1.025				
8/13/2016 12:30:00 AM	181800.000	18.533	14.964	41.746
40879.734	50574.664	33.185	34390.773	24.462
1.025				
8/13/2016 12:45:00 AM	182700.000	18.536	14.962	41.755
40865.527	50558.883	33.174	34380.039	24.471
1.025				
8/13/2016 1:00:00 AM	183600.000	18.533	14.963	41.746
40886.410	50583.762	33.192	34396.957	24.458
1.025				
8/13/2016 1:15:00 AM	184500.000	18.536	14.963	41.755
40916.336	50621.004	33.219	34422.281	24.440
1.025				
8/13/2016 1:30:00 AM	185400.000	18.537	14.963	41.757
40911.871	50614.621	33.215	34417.941	24.443
1.025				
8/13/2016 1:45:00 AM	186300.000	18.533	14.963	41.746
40864.277	50556.805	33.172	34378.633	24.471
1.025				
8/13/2016 2:00:00 AM	187200.000	18.533	14.963	41.746
40888.676	50586.254	33.194	34398.656	24.457
1.025				
8/13/2016 2:15:00 AM	188100.000	18.533	14.961	41.746
40879.875	50577.484	33.187	34392.691	24.462
1.025				
8/13/2016 2:30:00 AM	189000.000	18.533	14.962	41.746
40878.574	50574.797	33.185	34390.867	24.463
1.025				
8/13/2016 2:45:00 AM	189900.000	18.524	14.963	41.726
40880.879	50577.246	33.187	34392.527	24.461
1.025				
8/13/2016 3:00:00 AM	190800.000	18.522	14.964	41.723
40883.785	50579.137	33.189	34393.813	24.460
1.025				
8/13/2016 3:15:00 AM	191700.000	18.526	14.963	41.731
40878.113	50573.398	33.184	34389.910	24.463
1.025				
8/13/2016 3:30:00 AM	192600.000	18.517	14.963	41.711
40877.820	50572.824	33.184	34389.523	24.463
1.025				
8/13/2016 3:45:00 AM	193500.000	18.522	14.963	41.723
40849.074	50537.996	33.159	34365.836	24.480
1.025				
8/13/2016 4:00:00 AM	194400.000	18.513	14.964	41.701
40906.836	50607.871	33.210	34413.352	24.446
1.025				
8/13/2016 4:15:00 AM	195300.000	18.510	14.963	41.697
40923.141	50629.535	33.226	34428.090	24.436
1.025				
8/13/2016 4:30:00 AM	196200.000	18.511	14.963	41.697
40907.375	50609.387	33.211	34414.383	24.445
1.025				

8/13/2016 4:45:00 AM 40928.180 1.025	197100.000 50634.797	18.510 33.229	14.963 34431.668	41.695 24.433
8/13/2016 5:00:00 AM 40890.258 1.025	198000.000 50586.605	18.507 33.194	14.964 34398.891	41.689 24.456
8/13/2016 5:15:00 AM 40895.469 1.025	198900.000 50593.051	18.507 33.199	14.964 34403.273	41.688 24.453
8/13/2016 5:30:00 AM 40886.273 1.025	199800.000 50582.855	18.496 33.191	14.964 34396.348	41.665 24.458
8/13/2016 5:45:00 AM 40897.340 1.025	200700.000 50595.902	18.503 33.201	14.964 34405.215	41.679 24.451
8/13/2016 6:00:00 AM 40888.598 1.025	201600.000 50584.035	18.498 33.192	14.965 34397.145	41.669 24.457
8/13/2016 6:15:00 AM 40859.930 1.025	202500.000 50548.883	18.496 33.167	14.965 34373.246	41.663 24.474
8/13/2016 6:30:00 AM 40914.355 1.025	203400.000 50615.680	18.494 33.216	14.965 34418.668	41.660 24.441
8/13/2016 6:45:00 AM 40892.660 1.025	204300.000 50590.008	18.498 33.197	14.964 34401.207	41.669 24.454
8/13/2016 7:00:00 AM 40900.934 1.025	205200.000 50599.711	18.492 33.204	14.965 34407.805	41.656 24.449
8/13/2016 7:15:00 AM 40899.824 1.025	206100.000 50598.441	18.490 33.203	14.964 34406.945	41.651 24.450
8/13/2016 7:30:00 AM 40880.398 1.025	207000.000 50572.422	18.490 33.184	14.966 34389.246	41.651 24.462
8/13/2016 7:45:00 AM 40869.199 1.025	207900.000 50559.816	18.492 33.175	14.965 34380.676	41.655 24.468
8/13/2016 8:00:00 AM 40906.586 1.025	208800.000 50606.188	18.489 33.209	14.965 34412.207	41.648 24.446
8/13/2016 8:15:00 AM 40876.844 1.025	209700.000 50569.172	18.490 33.182	14.965 34387.039	41.650 24.464
8/13/2016 8:30:00 AM 40891.195 1.025	210600.000 50586.289	18.489 33.194	14.966 34398.680	41.649 24.455
8/13/2016 8:45:00 AM 40902.879 1.025	211500.000 50601.277	18.485 33.205	14.965 34408.871	41.638 24.448
8/13/2016 9:00:00 AM 40912.813 1.025	212400.000 50612.090	18.489 33.213	14.967 34416.227	41.649 24.442
8/13/2016 9:15:00 AM 40886.234 1.025	213300.000 50582.164	18.492 33.191	14.964 34395.875	41.656 24.458

8/13/2016 9:30:00 AM 40916.371 1.025	214200.000 50617.125	18.489 33.217	14.966 34419.648	41.648 24.440
8/13/2016 9:45:00 AM 40862.633 1.025	215100.000 50550.543	18.490 33.168	14.966 34374.375	41.651 24.472
8/13/2016 10:00:00 AM 40894.504 1.025	216000.000 50589.543	18.491 33.197	14.966 34400.895	41.652 24.453
8/13/2016 10:15:00 AM 40879.840 1.025	216900.000 50572.668	18.493 33.184	14.965 34389.414	41.657 24.462
8/13/2016 10:30:00 AM 40906.227 1.025	217800.000 50604.684	18.492 33.208	14.966 34411.188	41.655 24.446
8/13/2016 10:45:00 AM 40883.207 1.025	218700.000 50575.895	18.495 33.187	14.966 34391.609	41.661 24.460
8/13/2016 11:00:00 AM 40844.418 1.025	219600.000 50527.164	18.494 33.151	14.967 34358.477	41.659 24.483
8/13/2016 11:15:00 AM 40887.242 1.025	220500.000 50580.352	18.502 33.190	14.967 34394.641	41.677 24.458
8/13/2016 11:30:00 AM 40888.930 1.025	221400.000 50582.867	18.499 33.192	14.966 34396.355	41.671 24.456
8/13/2016 11:45:00 AM 40875.254 1.025	222300.000 50609.648	19.385 33.208	14.930 34414.566	43.666 24.465
8/13/2016 12:00:00 PM 40860.742 1.025	223200.000 50596.137	19.545 33.198	14.926 34405.375	44.028 24.473
8/13/2016 12:15:00 PM 40865.133 1.025	224100.000 50602.102	19.666 33.202	14.926 34409.430	44.299 24.471
8/13/2016 12:30:00 PM 40860.031 1.025	225000.000 50595.684	19.765 33.198	14.926 34405.066	44.522 24.474
8/13/2016 12:45:00 PM 40854.914 1.025	225900.000 50593.055	19.855 33.196	14.923 34403.277	44.725 24.477
8/13/2016 1:00:00 PM 40863.563 1.025	226800.000 50605.773	19.922 33.205	14.921 34411.926	44.875 24.472
8/13/2016 1:15:00 PM 40824.852 1.025	227700.000 50557.406	19.996 33.169	14.921 34379.035	45.042 24.495
8/13/2016 1:30:00 PM 40809.500 1.025	228600.000 50541.684	20.056 33.158	14.918 34368.348	45.178 24.504
8/13/2016 1:45:00 PM 40827.184 1.025	229500.000 50569.723	20.114 33.178	14.913 34387.414	45.310 24.493
8/13/2016 2:00:00 PM 40796.391 1.025	230400.000 50531.688	20.166 33.150	14.913 34361.551	45.425 24.512
8/13/2016 2:15:00 PM	231300.000	20.215	14.909	45.537

40814.008 1.025	50558.902	33.169	34380.055	24.501
8/13/2016 2:30:00 PM 40810.457 1.025	232200.000 50562.137	20.255 33.171	14.902 34382.254	45.626 24.504
8/13/2016 2:45:00 PM 40744.996 1.025	233100.000 50482.195	20.306 33.113	14.901 34327.895	45.742 24.543
8/13/2016 3:00:00 PM 40786.184 1.025	234000.000 50547.949	20.345 33.160	14.889 34372.609	45.828 24.518
8/13/2016 3:15:00 PM 40786.363 1.025	234900.000 50553.367	20.384 33.163	14.885 34376.289	45.917 24.518
8/13/2016 3:30:00 PM 40787.977 1.025	235800.000 50552.617	20.414 33.163	14.887 34375.781	45.985 24.517
8/13/2016 3:45:00 PM 40771.793 1.025	236700.000 50540.918	20.449 33.154	14.880 34367.824	46.064 24.527
8/13/2016 4:00:00 PM 40776.098 1.025	237600.000 50551.992	20.483 33.162	14.875 34375.359	46.139 24.524
8/13/2016 4:15:00 PM 40784.238 1.025	238500.000 50568.871	20.513 33.174	14.870 34386.832	46.208 24.519
8/13/2016 4:30:00 PM 40774.180 1.025	239400.000 50564.129	20.541 33.170	14.863 34383.609	46.270 24.525
8/13/2016 4:45:00 PM 40762.598 1.025	240300.000 50541.613	20.567 33.154	14.870 34368.297	46.330 24.532
8/13/2016 5:00:00 PM 40710.574 1.025	241200.000 50506.445	20.594 33.126	14.845 34344.383	46.390 24.564
8/13/2016 5:15:00 PM 40736.148 1.025	242100.000 50540.926	20.625 33.151	14.843 34367.828	46.459 24.548
8/13/2016 5:30:00 PM 40725.813 1.025	243000.000 50532.660	20.655 33.145	14.839 34362.215	46.527 24.554
8/13/2016 5:45:00 PM 40714.035 1.025	243900.000 50528.754	20.677 33.141	14.830 34359.559	46.578 24.562
8/13/2016 6:00:00 PM 40697.832 1.025	244800.000 50510.570	20.702 33.128	14.829 34347.191	46.633 24.571
8/13/2016 6:15:00 PM 40712.266 1.025	245700.000 50534.523	20.730 33.145	14.824 34363.480	46.697 24.563
8/13/2016 6:30:00 PM 40729.926 1.025	246600.000 50548.703	20.748 33.156	14.830 34373.121	46.738 24.552
8/13/2016 6:45:00 PM 40711.516 1.025	247500.000 50541.766	20.771 33.149	14.817 34368.406	46.789 24.563
8/13/2016 7:00:00 PM	248400.000	20.791	14.822	46.834

40730.094	50558.559	33.162	34379.820	24.552
1.025				
8/13/2016 7:15:00 PM	249300.000	20.814	14.806	46.885
40664.141	50496.418	33.115	34337.566	24.592
1.025				
8/13/2016 7:30:00 PM	250200.000	20.835	14.798	46.933
40685.547	50532.457	33.141	34362.070	24.579
1.025				
8/13/2016 7:45:00 PM	251100.000	20.857	14.804	46.982
40683.078	50521.426	33.134	34354.574	24.580
1.025				
8/13/2016 8:00:00 PM	252000.000	20.873	14.807	47.019
40698.645	50537.895	33.146	34365.773	24.571
1.025				
8/13/2016 8:15:00 PM	252900.000	20.893	14.793	47.064
40703.543	50560.117	33.161	34380.883	24.568
1.025				
8/13/2016 8:30:00 PM	253800.000	20.911	14.799	47.105
40676.180	50519.012	33.131	34352.934	24.584
1.025				
8/13/2016 8:45:00 PM	254700.000	20.933	14.789	47.154
40691.918	50551.422	33.154	34374.969	24.575
1.025				
8/13/2016 9:00:00 PM	255600.000	20.950	14.789	47.193
40664.758	50516.719	33.129	34351.367	24.591
1.025				
8/13/2016 9:15:00 PM	256500.000	20.959	14.786	47.213
40685.230	50545.867	33.150	34371.191	24.579
1.025				
8/13/2016 9:30:00 PM	257400.000	20.981	14.793	47.263
40717.434	50578.219	33.174	34393.188	24.560
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8/13/2016 9:45:00 PM	258300.000	21.000	14.778	47.305
40712.086	50588.805	33.181	34400.387	24.563
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8/13/2016 10:00:00 PM	259200.000	21.014	14.786	47.336
40725.371	50595.637	33.186	34405.035	24.555
1.025				
8/13/2016 10:15:00 PM	260100.000	21.029	14.779	47.370
40719.188	50597.316	33.187	34406.176	24.558
1.025				
8/13/2016 10:30:00 PM	261000.000	21.044	14.776	47.404
40712.602	50591.887	33.183	34402.484	24.562
1.025				
8/13/2016 10:45:00 PM	261900.000	21.058	14.770	47.435
40704.832	50589.473	33.181	34400.840	24.567
1.025				
8/13/2016 11:00:00 PM	262800.000	21.078	14.768	47.481
40719.914	50611.406	33.196	34415.762	24.558
1.025				
8/13/2016 11:15:00 PM	263700.000	21.083	14.761	47.493
40658.297	50542.594	33.146	34368.965	24.595
1.025				
8/13/2016 11:30:00 PM	264600.000	21.101	14.767	47.532
40684.262	50568.273	33.165	34386.430	24.580
1.025				
8/13/2016 11:45:00 PM	265500.000	21.111	14.760	47.555
40697.977	50593.191	33.182	34403.375	24.571

1.025					
8/14/2016 12:00:00 AM	266400.000	21.123	14.762	47.581	
40698.395	50591.359	33.181	34402.125	24.571	
1.025					
8/14/2016 12:15:00 AM	267300.000	21.138	14.758	47.615	
40722.516	50626.465	33.207	34426.000	24.556	
1.025					
8/14/2016 12:30:00 AM	268200.000	21.147	14.754	47.637	
40685.320	50584.480	33.176	34397.445	24.579	
1.025					
8/14/2016 12:45:00 AM	269100.000	21.159	14.757	47.662	
40724.699	50629.922	33.209	34428.348	24.555	
1.025					
8/14/2016 1:00:00 AM	270000.000	21.170	14.751	47.689	
40719.992	50631.109	33.209	34429.156	24.558	
1.025					
8/14/2016 1:15:00 AM	270900.000	21.181	14.747	47.713	
40697.633	50607.883	33.192	34413.359	24.571	
1.025					
8/14/2016 1:30:00 AM	271800.000	21.191	14.742	47.734	
40698.082	50615.148	33.197	34418.301	24.571	
1.025					
8/14/2016 1:45:00 AM	272700.000	21.201	14.738	47.756	
40715.266	50641.438	33.216	34436.180	24.561	
1.025					
8/14/2016 2:00:00 AM	273600.000	21.212	14.736	47.782	
40694.988	50618.344	33.199	34420.477	24.573	
1.025					
8/14/2016 2:15:00 AM	274500.000	21.224	14.728	47.809	
40678.770	50608.078	33.191	34413.492	24.583	
1.025					
8/14/2016 2:30:00 AM	275400.000	21.230	14.729	47.823	
40701.555	50635.250	33.211	34431.969	24.569	
1.025					
8/14/2016 2:45:00 AM	276300.000	21.243	14.722	47.853	
40674.352	50609.297	33.191	34414.320	24.586	
1.025					
8/14/2016 3:00:00 AM	277200.000	21.254	14.715	47.876	
40667.859	50609.965	33.191	34414.781	24.589	
1.025					
8/14/2016 3:15:00 AM	278100.000	21.263	14.716	47.897	
40680.754	50624.395	33.202	34424.590	24.582	
1.025					
8/14/2016 3:30:00 AM	279000.000	21.269	14.714	47.910	
40716.543	50672.035	33.236	34456.984	24.560	
1.025					
8/14/2016 3:45:00 AM	279900.000	21.280	14.711	47.935	
40699.402	50654.117	33.223	34444.801	24.570	
1.025					
8/14/2016 4:00:00 AM	280800.000	21.285	14.711	47.946	
40711.676	50669.289	33.234	34455.121	24.563	
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8/14/2016 4:15:00 AM	281700.000	21.294	14.702	47.966	
40688.250	50651.008	33.220	34442.688	24.577	
1.025					
8/14/2016 4:30:00 AM	282600.000	21.305	14.698	47.991	
40655.613	50615.414	33.194	34418.484	24.597	

1.025				
8/14/2016 4:45:00 AM	283500.000	21.314	14.693	48.013
40688.492	50661.781	33.227	34450.012	24.577
1.025				
8/14/2016 5:00:00 AM	284400.000	21.321	14.685	48.027
40678.703	50659.949	33.225	34448.770	24.583
1.025				
8/14/2016 5:15:00 AM	285300.000	21.323	14.681	48.032
40654.293	50633.402	33.205	34430.719	24.598
1.025				
8/14/2016 5:30:00 AM	286200.000	21.340	14.684	48.070
40701.828	50689.070	33.246	34468.566	24.569
1.025				
8/14/2016 5:45:00 AM	287100.000	21.345	14.673	48.081
40645.453	50633.059	33.204	34430.480	24.603
1.025				
8/14/2016 6:00:00 AM	288000.000	21.350	14.667	48.093
40677.926	50679.934	33.238	34462.355	24.583
1.025				
8/14/2016 6:15:00 AM	288900.000	21.361	14.662	48.118
40686.137	50696.367	33.250	34473.535	24.578
1.025				
8/14/2016 6:30:00 AM	289800.000	21.372	14.658	48.143
40707.992	50728.961	33.273	34495.695	24.565
1.025				
8/14/2016 6:45:00 AM	290700.000	21.378	14.651	48.156
40657.602	50673.637	33.232	34458.078	24.596
1.025				
8/14/2016 7:00:00 AM	291600.000	21.381	14.650	48.163
40686.082	50710.523	33.259	34483.156	24.578
1.025				
8/14/2016 7:15:00 AM	292500.000	21.393	14.643	48.190
40644.609	50667.078	33.227	34453.613	24.604
1.025				
8/14/2016 7:30:00 AM	293400.000	21.399	14.640	48.204
40643.633	50670.133	33.229	34455.691	24.604
1.025				
8/14/2016 7:45:00 AM	294300.000	21.408	14.632	48.224
40676.191	50720.258	33.265	34489.781	24.584
1.025				
8/14/2016 8:00:00 AM	295200.000	21.418	14.625	48.246
40666.734	50716.723	33.262	34487.375	24.590
1.025				
8/14/2016 8:15:00 AM	296100.000	21.424	14.626	48.259
40647.227	50691.316	33.243	34470.098	24.602
1.025				
8/14/2016 8:30:00 AM	297000.000	21.434	14.628	48.282
40657.305	50701.953	33.251	34477.328	24.596
1.025				
8/14/2016 8:45:00 AM	297900.000	21.433	14.623	48.279
40679.387	50735.066	33.275	34499.844	24.582
1.025				
8/14/2016 9:00:00 AM	298800.000	21.443	14.620	48.301
40614.531	50657.918	33.218	34447.383	24.622
1.025				
8/14/2016 9:15:00 AM	299700.000	21.451	14.615	48.321
40647.004	50704.750	33.252	34479.234	24.602
1.025				

8/14/2016 9:30:00 AM 40622.801 1.025	300600.000 50677.773	21.458 33.232	14.612 34460.887	48.337 24.617
8/14/2016 9:45:00 AM 40644.352 1.025	301500.000 50712.902	21.464 33.257	14.605 34484.777	48.349 24.604
8/14/2016 10:00:00 AM 40624.984 1.025	302400.000 50693.668	21.475 33.243	14.601 34471.699	48.374 24.615
8/14/2016 10:15:00 AM 40646.195 1.025	303300.000 50727.102	21.479 33.267	14.595 34494.430	48.384 24.603
8/14/2016 10:30:00 AM 40608.371 1.025	304200.000 50677.223	21.484 33.230	14.598 34460.516	48.395 24.625
8/14/2016 10:45:00 AM 40640.008 1.025	305100.000 50724.531	21.485 33.265	14.591 34492.680	48.396 24.606
8/14/2016 11:00:00 AM 40672.539 1.025	306000.000 50772.434	21.495 33.299	14.585 34525.258	48.419 24.587
8/14/2016 11:15:00 AM 40602.777 1.025	306900.000 50683.422	21.502 33.234	14.587 34464.730	48.435 24.629
8/14/2016 11:30:00 AM 40610.078 1.025	307800.000 50695.746	21.512 33.243	14.584 34473.109	48.458 24.624
8/14/2016 11:45:00 AM 40608.184 1.025	308700.000 50701.863	21.514 33.247	14.577 34477.270	48.462 24.626
8/14/2016 12:00:00 PM 40598.332 1.025	309600.000 50690.301	21.515 33.238	14.576 34469.406	48.465 24.632
8/14/2016 12:15:00 PM 40625.914 1.025	310500.000 50730.219	21.523 33.267	14.572 34496.551	48.483 24.615
8/14/2016 12:30:00 PM 40619.164 1.025	311400.000 50717.715	21.531 33.258	14.575 34488.047	48.501 24.619
8/14/2016 12:45:00 PM 40620.273 1.025	312300.000 50728.008	21.533 33.265	14.568 34495.047	48.506 24.618
8/14/2016 1:00:00 PM 40621.668 1.025	313200.000 50724.488	21.537 33.263	14.572 34492.652	48.513 24.617
8/14/2016 1:15:00 PM 40630.277 1.025	314100.000 50748.980	21.546 33.280	14.561 34509.313	48.535 24.612
8/14/2016 1:30:00 PM 40621.285 1.025	315000.000 50731.313	21.549 33.267	14.566 34497.297	48.540 24.618
8/14/2016 1:45:00 PM 40597.090 1.025	315900.000 50706.234	21.553 33.249	14.562 34480.238	48.551 24.632
8/14/2016 2:00:00 PM 40599.598 1.025	316800.000 50711.523	21.561 33.252	14.560 34483.836	48.567 24.631

8/14/2016 2:15:00 PM 40592.656 1.025	317700.000 50703.926	21.562 33.247	14.559 34478.668	48.570 24.635
8/14/2016 2:30:00 PM 40627.066 1.025	318600.000 50748.090	21.567 33.279	14.558 34508.707	48.582 24.614
8/14/2016 2:45:00 PM 40595.098 1.025	319500.000 50720.176	21.567 33.258	14.548 34489.719	48.582 24.634
8/14/2016 3:00:00 PM 40631.645 1.025	320400.000 50760.352	21.579 33.288	14.553 34517.039	48.610 24.611
8/14/2016 3:15:00 PM 40606.645 1.025	321300.000 50738.785	21.587 33.271	14.545 34502.375	48.627 24.627
8/14/2016 3:30:00 PM 40627.492 1.025	322200.000 50771.938	21.593 33.295	14.539 34524.922	48.640 24.614
8/14/2016 3:45:00 PM 40600.105 1.025	323100.000 50736.430	21.589 33.269	14.540 34500.773	48.632 24.630
8/14/2016 4:00:00 PM 40605.734 1.025	324000.000 50747.113	21.599 33.277	14.537 34508.043	48.653 24.627
8/14/2016 4:15:00 PM 40606.945 1.025	324900.000 50757.008	21.608 33.283	14.530 34514.766	48.675 24.626
8/14/2016 4:30:00 PM 40622.609 1.025	325800.000 50775.508	21.608 33.297	14.531 34527.344	48.675 24.617
8/14/2016 4:45:00 PM 40641.492 1.025	326700.000 50804.387	21.615 33.318	14.527 34546.984	48.690 24.605
8/14/2016 5:00:00 PM 40561.176 1.025	327600.000 50709.793	21.625 33.248	14.522 34482.664	48.713 24.654
8/14/2016 5:15:00 PM 40591.773 1.025	328500.000 50754.605	21.629 33.280	14.517 34513.133	48.722 24.636
8/14/2016 5:30:00 PM 40598.859 1.025	329400.000 50768.523	21.630 33.290	14.512 34522.598	48.724 24.631
8/14/2016 5:45:00 PM 40575.992 1.025	330300.000 50742.609	21.640 33.271	14.510 34504.977	48.746 24.645
8/14/2016 6:00:00 PM 40616.410 1.025	331200.000 50798.555	21.645 33.312	14.506 34543.020	48.758 24.621
8/14/2016 6:15:00 PM 40541.746 1.025	332100.000 50705.809	21.652 33.244	14.505 34479.949	48.772 24.666
8/14/2016 6:30:00 PM 40573.422 1.025	333000.000 50750.371	21.659 33.276	14.501 34510.254	48.789 24.647
8/14/2016 6:45:00 PM 40592.035 1.025	333900.000 50773.117	21.667 33.293	14.502 34525.719	48.806 24.635
8/14/2016 7:00:00 PM	334800.000	21.669	14.499	48.811

40624.781	50817.613	33.325	34555.977	24.616
1.025				
8/14/2016 7:15:00 PM	335700.000	21.670	14.503	48.813
40621.379	50808.211	33.318	34549.582	24.618
1.025				
8/14/2016 7:30:00 PM	336600.000	21.681	14.491	48.839
40627.555	50829.730	33.333	34564.219	24.614
1.025				
8/14/2016 7:45:00 PM	337500.000	21.691	14.488	48.861
40584.387	50780.020	33.296	34530.414	24.640
1.025				
8/14/2016 8:00:00 PM	338400.000	21.696	14.486	48.873
40557.773	50749.098	33.274	34509.387	24.656
1.025				
8/14/2016 8:15:00 PM	339300.000	21.702	14.479	48.886
40590.684	50799.215	33.310	34543.465	24.636
1.025				
8/14/2016 8:30:00 PM	340200.000	21.707	14.483	48.897
40545.754	50737.508	33.265	34501.508	24.663
1.025				
8/14/2016 8:45:00 PM	341100.000	21.708	14.482	48.900
40562.547	50759.477	33.281	34516.445	24.653
1.025				
8/14/2016 9:00:00 PM	342000.000	21.718	14.484	48.921
40587.379	50788.289	33.302	34536.039	24.638
1.025				
8/14/2016 9:15:00 PM	342900.000	21.722	14.482	48.931
40583.570	50785.887	33.300	34534.406	24.641
1.025				
8/14/2016 9:30:00 PM	343800.000	21.730	14.486	48.948
40550.773	50740.652	33.267	34503.648	24.660
1.025				
8/14/2016 9:45:00 PM	344700.000	21.740	14.481	48.972
40615.527	50827.176	33.330	34562.480	24.621
1.025				
8/14/2016 10:00:00 PM	345600.000	21.735	14.484	48.961
40598.727	50802.816	33.313	34545.918	24.631
1.025				
8/14/2016 10:15:00 PM	346500.000	21.748	14.489	48.990
40621.445	50825.535	33.330	34561.363	24.618
1.025				
8/14/2016 10:30:00 PM	347400.000	21.748	14.488	48.989
40602.793	50803.160	33.313	34546.148	24.629
1.025				
8/14/2016 10:45:00 PM	348300.000	21.755	14.488	49.005
40602.867	50803.586	33.314	34546.441	24.629
1.025				
8/14/2016 11:00:00 PM	349200.000	21.758	14.491	49.013
40608.012	50805.277	33.315	34547.594	24.626
1.025				
8/14/2016 11:15:00 PM	350100.000	21.765	14.495	49.028
40639.887	50840.738	33.341	34571.703	24.606
1.025				
8/14/2016 11:30:00 PM	351000.000	21.765	14.492	49.028
40638.645	50843.070	33.343	34573.293	24.607
1.025				
8/14/2016 11:45:00 PM	351900.000	21.774	14.496	49.048

40610.824 1.025	50803.086	33.314	34546.102	24.624
8/15/2016 12:00:00 AM 40625.816 1.025	352800.000 50826.359	21.772 33.331	14.492 34561.930	49.044 24.615
8/15/2016 12:15:00 AM 40620.102 1.025	353700.000 50807.465	21.773 33.318	14.502 34549.078	49.047 24.618
8/15/2016 12:30:00 AM 40641.613 1.025	354600.000 50832.973	21.778 33.336	14.503 34566.426	49.058 24.605
8/15/2016 12:45:00 AM 40601.750 1.025	355500.000 50785.371	21.779 33.302	14.501 34534.055	49.060 24.629
8/15/2016 1:00:00 AM 40617.703 1.025	356400.000 50809.207	21.791 33.319	14.498 34550.262	49.086 24.620
8/15/2016 1:15:00 AM 40620.559 1.025	357300.000 50813.965	21.787 33.322	14.497 34553.496	49.077 24.618
8/15/2016 1:30:00 AM 40608.500 1.025	358200.000 50792.313	21.793 33.307	14.503 34538.777	49.091 24.625
8/15/2016 1:45:00 AM 40583.992 1.025	359100.000 50765.316	21.794 33.287	14.500 34520.418	49.093 24.640
8/15/2016 2:00:00 AM 40628.820 1.025	360000.000 50820.750	21.796 33.327	14.500 34558.109	49.099 24.613
8/15/2016 2:15:00 AM 40681.859 1.025	360900.000 50883.645	21.798 33.374	14.503 34600.879	49.102 24.581
8/15/2016 2:30:00 AM 40631.809 1.025	361800.000 50824.691	21.798 33.330	14.500 34560.789	49.101 24.611
8/15/2016 2:45:00 AM 40637.613 1.025	362700.000 50833.668	21.800 33.337	14.499 34566.895	49.106 24.608
8/15/2016 3:00:00 AM 40611.801 1.025	363600.000 50805.379	21.803 33.316	14.495 34547.656	49.114 24.623
8/15/2016 3:15:00 AM 40637.086 1.025	364500.000 50838.316	21.806 33.340	14.494 34570.059	49.120 24.608
8/15/2016 3:30:00 AM 40574.871 1.025	365400.000 50771.988	21.810 33.290	14.485 34524.957	49.128 24.646
8/15/2016 3:45:00 AM 40642.840 1.025	366300.000 50850.789	21.813 33.348	14.490 34578.535	49.136 24.605
8/15/2016 4:00:00 AM 40612.695 1.025	367200.000 50824.391	21.809 33.328	14.481 34560.590	49.126 24.623
8/15/2016 4:15:00 AM 40614.516 1.025	368100.000 50841.457	21.808 33.340	14.468 34572.191	49.124 24.622
8/15/2016 4:30:00 AM 40594.621	369000.000 50814.160	21.813 33.320	14.470 34553.629	49.135 24.634

1.025				
8/15/2016 4:45:00 AM	369900.000	21.815	14.470	49.140
40620.242	50846.566	33.344	34575.664	24.618
1.025				
8/15/2016 5:00:00 AM	370800.000	21.824	14.459	49.161
40579.586	50809.363	33.315	34550.371	24.643
1.025				
8/15/2016 5:15:00 AM	371700.000	21.814	14.459	49.137
40624.617	50865.098	33.356	34588.270	24.616
1.025				
8/15/2016 5:30:00 AM	372600.000	21.815	14.457	49.139
40563.449	50791.316	33.302	34538.094	24.653
1.025				
8/15/2016 5:45:00 AM	373500.000	21.820	14.452	49.151
40590.504	50831.352	33.331	34565.324	24.636
1.025				
8/15/2016 6:00:00 AM	374400.000	21.823	14.445	49.158
40608.668	50862.719	33.353	34586.652	24.625
1.025				
8/15/2016 6:15:00 AM	375300.000	21.826	14.445	49.165
40598.371	50849.297	33.344	34577.527	24.632
1.025				
8/15/2016 6:30:00 AM	376200.000	21.827	14.434	49.167
40552.527	50806.121	33.311	34548.164	24.659
1.025				
8/15/2016 6:45:00 AM	377100.000	21.828	14.428	49.169
40577.285	50843.832	33.338	34573.809	24.644
1.025				
8/15/2016 7:00:00 AM	378000.000	21.828	14.420	49.170
40573.313	50848.797	33.341	34577.188	24.647
1.025				
8/15/2016 7:15:00 AM	378900.000	21.834	14.424	49.183
40563.508	50832.078	33.329	34565.816	24.653
1.025				
8/15/2016 7:30:00 AM	379800.000	21.835	14.413	49.186
40589.715	50877.574	33.361	34596.754	24.637
1.025				
8/15/2016 7:45:00 AM	380700.000	21.838	14.407	49.193
40565.250	50854.684	33.344	34581.184	24.652
1.025				
8/15/2016 8:00:00 AM	381600.000	21.838	14.401	49.193
40565.156	50861.590	33.349	34585.883	24.652
1.025				
8/15/2016 8:15:00 AM	382500.000	21.840	14.397	49.196
40527.816	50820.188	33.318	34557.727	24.674
1.025				
8/15/2016 8:30:00 AM	383400.000	21.842	14.391	49.202
40555.273	50860.883	33.347	34585.402	24.658
1.025				
8/15/2016 8:45:00 AM	384300.000	21.853	14.389	49.227
40544.801	50851.121	33.340	34578.762	24.664
1.025				
8/15/2016 9:00:00 AM	385200.000	21.849	14.385	49.216
40526.090	50831.762	33.326	34565.598	24.675
1.025				
8/15/2016 9:15:00 AM	386100.000	21.854	14.380	49.229
40534.328	50848.578	33.337	34577.039	24.670

1.025				
8/15/2016 9:30:00 AM	387000.000	21.856	14.376	49.232
40512.375	50826.012	33.321	34561.688	24.684
1.025				
8/15/2016 9:45:00 AM	387900.000	21.855	14.373	49.230
40576.641	50909.672	33.382	34618.578	24.645
1.025				
8/15/2016 10:00:00 AM	388800.000	21.859	14.372	49.240
40551.945	50880.746	33.360	34598.906	24.660
1.025				
8/15/2016 10:15:00 AM	389700.000	21.862	14.368	49.247
40511.402	50834.855	33.326	34567.703	24.684
1.025				
8/15/2016 10:30:00 AM	390600.000	21.864	14.364	49.251
40500.152	50825.172	33.319	34561.117	24.691
1.025				
8/15/2016 10:45:00 AM	391500.000	21.870	14.361	49.264
40502.863	50832.246	33.324	34565.926	24.690
1.025				
8/15/2016 11:00:00 AM	392400.000	21.870	14.359	49.264
40522.441	50859.633	33.344	34584.555	24.678
1.025				
8/15/2016 11:15:00 AM	393300.000	21.873	14.355	49.271
40518.145	50858.688	33.343	34583.906	24.680
1.025				
8/15/2016 11:30:00 AM	394200.000	21.880	14.352	49.287
40482.746	50817.723	33.312	34556.055	24.702
1.025				
8/15/2016 11:45:00 AM	395100.000	21.879	14.352	49.285
40508.809	50850.551	33.336	34578.375	24.686
1.025				
8/15/2016 12:00:00 PM	396000.000	21.881	14.351	49.288
40486.867	50823.863	33.317	34560.227	24.699
1.025				
8/15/2016 12:15:00 PM	396900.000	21.881	14.349	49.289
40520.555	50869.184	33.350	34591.051	24.679
1.025				
8/15/2016 12:30:00 PM	397800.000	21.884	14.348	49.296
40513.164	50861.324	33.344	34585.699	24.683
1.025				
8/15/2016 12:45:00 PM	398700.000	21.886	14.348	49.300
40506.109	50851.703	33.337	34579.164	24.688
1.025				
8/15/2016 1:00:00 PM	399600.000	21.890	14.346	49.310
40506.016	50854.070	33.339	34580.773	24.688
1.025				
8/15/2016 1:15:00 PM	400500.000	21.891	14.344	49.313
40474.137	50816.336	33.311	34555.109	24.707
1.025				
8/15/2016 1:30:00 PM	401400.000	21.886	14.344	49.300
40517.781	50871.449	33.351	34592.586	24.681
1.025				
8/15/2016 1:45:00 PM	402300.000	21.894	14.343	49.317
40527.531	50884.656	33.361	34601.566	24.675
1.025				
8/15/2016 2:00:00 PM	403200.000	21.894	14.341	49.317
40515.520	50872.508	33.352	34593.309	24.682
1.025				

8/15/2016 2:15:00 PM 40508.527 1.025	404100.000 50865.793	21.894 33.346	14.339 34588.742	49.317 24.686
8/15/2016 2:30:00 PM 40526.504 1.025	405000.000 50890.527	21.900 33.364	14.338 34605.559	49.332 24.675
8/15/2016 2:45:00 PM 40523.125 1.025	405900.000 50884.773	21.899 33.360	14.339 34601.645	49.329 24.677
8/15/2016 3:00:00 PM 40535.660 1.025	406800.000 50905.816	21.897 33.375	14.334 34615.961	49.325 24.670
8/15/2016 3:15:00 PM 40505.199 1.025	407700.000 50867.137	21.901 33.347	14.335 34589.652	49.335 24.688
8/15/2016 3:30:00 PM 40495.750 1.025	408600.000 50858.414	21.904 33.340	14.332 34583.727	49.341 24.694
8/15/2016 3:45:00 PM 40512.711 1.025	409500.000 50880.141	21.909 33.356	14.332 34598.500	49.351 24.684
8/15/2016 4:00:00 PM 40501.137 1.025	410400.000 50868.090	21.910 33.347	14.330 34590.301	49.355 24.691
8/15/2016 4:15:00 PM 40523.125 1.025	411300.000 50898.113	21.908 33.369	14.328 34610.723	49.350 24.677
8/15/2016 4:30:00 PM 40454.871 1.025	412200.000 50815.305	21.907 33.308	14.325 34554.410	49.347 24.719
8/15/2016 4:45:00 PM 40496.809 1.025	413100.000 50868.430	21.913 33.347	14.325 34590.535	49.361 24.693
8/15/2016 5:00:00 PM 40466.992 1.025	414000.000 50833.570	21.912 33.322	14.323 34566.828	49.359 24.711
8/15/2016 5:15:00 PM 40453.547 1.025	414900.000 50818.941	21.920 33.311	14.321 34556.883	49.377 24.720
8/15/2016 5:30:00 PM 40485.719 1.025	415800.000 50859.355	21.918 33.340	14.321 34584.367	49.373 24.700
8/15/2016 5:45:00 PM 40508.105 1.025	416700.000 50886.074	21.919 33.360	14.322 34602.531	49.374 24.686
8/15/2016 6:00:00 PM 40514.223 1.025	417600.000 50887.246	21.925 33.361	14.328 34603.328	49.388 24.683
8/15/2016 6:15:00 PM 40435.809 1.025	418500.000 50787.574	21.928 33.288	14.329 34535.555	49.394 24.731
8/15/2016 6:30:00 PM 40463.074 1.025	419400.000 50824.855	21.930 33.315	14.326 34560.906	49.398 24.714
8/15/2016 6:45:00 PM 40518.559 1.025	420300.000 50891.508	21.937 33.364	14.329 34606.227	49.414 24.680

8/15/2016 7:00:00 PM 40503.852 1.025	421200.000 50872.164	21.942 33.350	14.329 34593.070	49.427 24.689
8/15/2016 7:15:00 PM 40491.438 1.025	422100.000 50859.066	21.944 33.341	14.327 34584.168	49.430 24.697
8/15/2016 7:30:00 PM 40499.094 1.025	423000.000 50855.242	21.950 33.339	14.338 34581.570	49.445 24.692
8/15/2016 7:45:00 PM 40535.586 1.025	423900.000 50899.121	21.952 33.371	14.340 34611.406	49.448 24.670
8/15/2016 8:00:00 PM 40435.895 1.025	424800.000 50783.352	21.957 33.286	14.332 34532.680	49.461 24.731
8/15/2016 8:15:00 PM 40438.711 1.025	425700.000 50790.031	21.962 33.290	14.330 34537.223	49.471 24.729
8/15/2016 8:30:00 PM 40434.035 1.025	426600.000 50775.820	21.963 33.280	14.336 34527.563	49.473 24.732
8/15/2016 8:45:00 PM 40443.152 1.025	427500.000 50789.324	21.967 33.290	14.335 34536.742	49.482 24.726
8/15/2016 9:00:00 PM 40460.820 1.025	428400.000 50807.504	21.979 33.304	14.338 34549.102	49.510 24.715
8/15/2016 9:15:00 PM 40489.664 1.025	429300.000 50846.871	21.980 33.332	14.335 34575.875	49.513 24.698
8/15/2016 9:30:00 PM 40435.805 1.025	430200.000 50775.770	21.983 33.281	14.338 34527.527	49.518 24.731
8/15/2016 9:45:00 PM 40498.547 1.025	431100.000 50859.652	21.989 33.342	14.334 34584.563	49.533 24.692
8/15/2016 10:00:00 PM 40485.367 1.025	432000.000 50847.430	21.990 33.332	14.331 34576.254	49.534 24.700
8/15/2016 10:15:00 PM 40461.707 1.025	432900.000 50814.887	21.997 33.309	14.333 34554.125	49.551 24.715
8/15/2016 10:30:00 PM 40469.730 1.025	433800.000 50828.227	21.993 33.318	14.330 34563.199	49.541 24.710
8/15/2016 10:45:00 PM 40534.625 1.025	434700.000 50909.184	22.004 33.377	14.331 34618.246	49.566 24.670
8/15/2016 11:00:00 PM 40491.090 1.025	435600.000 50858.301	22.004 33.340	14.327 34583.645	49.566 24.697
8/15/2016 11:15:00 PM 40508.418 1.025	436500.000 50883.207	22.003 33.358	14.325 34600.582	49.563 24.686
8/15/2016 11:30:00 PM 40542.395 1.025	437400.000 50926.656	22.013 33.390	14.324 34630.125	49.586 24.666
8/15/2016 11:45:00 PM	438300.000	22.015	14.323	49.590

40516.383	50895.074	33.367	34608.652	24.681
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8/16/2016 12:00:00 AM	439200.000	22.013	14.324	49.587
40541.684	50926.082	33.389	34629.738	24.666
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8/16/2016 12:15:00 AM	440100.000	22.016	14.322	49.593
40562.566	50954.805	33.410	34649.270	24.653
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8/16/2016 12:30:00 AM	441000.000	22.019	14.322	49.601
40544.723	50932.285	33.394	34633.953	24.664
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8/16/2016 12:45:00 AM	441900.000	22.019	14.323	49.601
40565.039	50956.625	33.412	34650.504	24.652
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8/16/2016 1:00:00 AM	442800.000	22.026	14.323	49.616
40592.152	50991.000	33.437	34673.883	24.635
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8/16/2016 1:15:00 AM	443700.000	22.021	14.320	49.605
40609.980	51016.344	33.455	34691.117	24.624
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8/16/2016 1:30:00 AM	444600.000	22.025	14.323	49.613
40576.828	50972.086	33.423	34661.023	24.645
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8/16/2016 1:45:00 AM	445500.000	22.023	14.325	49.609
40574.965	50966.156	33.419	34656.988	24.646
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8/16/2016 2:00:00 AM	446400.000	22.022	14.326	49.606
40560.355	50947.699	33.405	34644.441	24.655
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8/16/2016 2:15:00 AM	447300.000	22.024	14.324	49.611
40556.641	50944.871	33.403	34642.512	24.657
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8/16/2016 2:30:00 AM	448200.000	22.026	14.324	49.616
40572.859	50965.672	33.418	34656.656	24.647
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8/16/2016 2:45:00 AM	449100.000	22.027	14.323	49.618
40596.930	50997.227	33.441	34678.117	24.632
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8/16/2016 3:00:00 AM	450000.000	22.027	14.324	49.618
40564.496	50955.066	33.410	34649.449	24.652
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8/16/2016 3:15:00 AM	450900.000	22.026	14.323	49.616
40563.023	50953.977	33.410	34648.703	24.653
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8/16/2016 3:30:00 AM	451800.000	22.031	14.322	49.626
40583.824	50981.301	33.430	34667.285	24.640
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40583.578	50981.762	33.430	34667.598	24.641
1.025				
8/16/2016 4:00:00 AM	453600.000	22.025	14.323	49.613
40567.539	50960.191	33.414	34652.930	24.650
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8/16/2016 4:15:00 AM	454500.000	22.030	14.319	49.625
40582.840	50984.426	33.432	34669.410	24.641
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40548.582	50940.824	33.400	34639.762	24.662
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8/16/2016 5:00:00 AM	457200.000	22.027	14.319	49.619
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8/16/2016 5:15:00 AM	458100.000	22.025	14.320	49.613
40561.531	50956.340	33.411	34650.313	24.654
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8/16/2016 5:30:00 AM	459000.000	22.026	14.313	49.616
40523.496	50916.480	33.381	34623.207	24.677
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8/16/2016 5:45:00 AM	459900.000	22.027	14.311	49.618
40576.930	50986.121	33.432	34670.563	24.645
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8/16/2016 6:00:00 AM	460800.000	22.023	14.312	49.609
40517.102	50910.289	33.377	34619.000	24.681
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8/16/2016 6:15:00 AM	461700.000	22.029	14.312	49.623
40547.250	50947.410	33.404	34644.242	24.663
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8/16/2016 6:30:00 AM	462600.000	22.026	14.312	49.616
40532.176	50928.352	33.390	34631.281	24.672
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40535.484	50933.605	33.394	34634.852	24.670
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8/16/2016 7:00:00 AM	464400.000	22.027	14.315	49.617
40509.621	50896.875	33.367	34609.879	24.685
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40541.953	50934.129	33.395	34635.207	24.666
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40562.938	50954.738	33.410	34649.223	24.653
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40539.770	50920.965	33.386	34626.258	24.667
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8/16/2016 8:00:00 AM	468000.000	22.034	14.337	49.633
40594.582	50977.004	33.428	34664.363	24.634
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8/16/2016 8:15:00 AM	468900.000	22.030	14.343	49.624
40589.043	50962.234	33.417	34654.324	24.637
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8/16/2016 8:30:00 AM	469800.000	22.031	14.359	49.626
40587.871	50941.656	33.404	34640.332	24.638
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40652.590	51020.605	33.462	34694.012	24.599
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8/16/2016 9:00:00 AM	471600.000	22.032	14.376	49.629
40626.313	50969.383	33.425	34659.180	24.615
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8/16/2016 9:15:00 AM	472500.000	22.032	14.393	49.629
40690.348	51028.219	33.470	34699.188	24.576

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8/16/2016 9:30:00 AM	473400.000	22.038	14.406	49.642
40726.563	51057.902	33.493	34719.375	24.554
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8/16/2016 9:45:00 AM	474300.000	22.035	14.423	49.636
40785.352	51110.512	33.533	34755.148	24.519
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8/16/2016 10:00:00 AM	475200.000	22.045	14.433	49.658
40819.699	51141.918	33.557	34776.504	24.498
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8/16/2016 10:15:00 AM	476100.000	22.042	14.438	49.652
40789.449	51097.844	33.525	34746.535	24.516
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8/16/2016 10:30:00 AM	477000.000	22.047	14.446	49.663
40804.379	51106.777	33.532	34752.609	24.507
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40905.859	51206.051	33.607	34820.113	24.446
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8/16/2016 11:00:00 AM	478800.000	22.049	14.455	49.666
40860.496	51165.324	33.576	34792.422	24.474
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40895.254	51187.555	33.594	34807.539	24.453
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8/16/2016 11:30:00 AM	480600.000	22.052	14.482	49.675
40954.691	51250.414	33.640	34850.285	24.417
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8/16/2016 11:45:00 AM	481500.000	22.056	14.484	49.683
40967.816	51264.223	33.651	34859.672	24.409
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8/16/2016 12:00:00 PM	482400.000	22.056	14.507	49.683
40972.500	51242.703	33.637	34845.039	24.407
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40958.516	51224.457	33.624	34832.633	24.415
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41021.457	51317.094	33.690	34895.625	24.377
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8/16/2016 12:45:00 PM	485100.000	22.064	14.496	49.702
40998.176	51287.547	33.669	34875.535	24.391
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8/16/2016 1:00:00 PM	486000.000	22.066	14.498	49.706
40990.879	51275.691	33.660	34867.469	24.396
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8/16/2016 1:15:00 PM	486900.000	22.063	14.494	49.700
41069.848	51380.035	33.736	34938.426	24.349
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8/16/2016 1:30:00 PM	487800.000	22.058	14.493	49.688
41024.711	51324.215	33.695	34900.469	24.376
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41038.988	51341.109	33.708	34911.953	24.367
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8/16/2016 2:00:00 PM	489600.000	22.070	14.487	49.714
41062.895	51379.938	33.736	34938.363	24.353

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41073.707	51380.512	33.737	34938.750	24.346
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41021.449	51326.020	33.696	34901.695	24.377
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8/16/2016 2:45:00 PM	492300.000	22.066	14.483	49.705
41074.004	51398.645	33.749	34951.082	24.346
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8/16/2016 3:00:00 PM	493200.000	22.070	14.497	49.714
41092.008	51404.164	33.754	34954.836	24.336
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8/16/2016 3:15:00 PM	494100.000	22.074	14.497	49.724
41071.160	51378.504	33.736	34937.387	24.348
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8/16/2016 3:30:00 PM	495000.000	22.073	14.499	49.722
41123.262	51440.734	33.781	34979.703	24.317
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8/16/2016 3:45:00 PM	495900.000	22.074	14.506	49.724
41102.723	51406.879	33.757	34956.680	24.329
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8/16/2016 4:00:00 PM	496800.000	22.070	14.509	49.714
41165.832	51482.094	33.813	35007.828	24.292
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8/16/2016 4:15:00 PM	497700.000	22.071	14.504	49.717
41108.695	51415.758	33.764	34962.715	24.326
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41183.477	51490.086	33.819	35013.262	24.282
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41117.164	51395.961	33.751	34949.258	24.321
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8/16/2016 5:00:00 PM	500400.000	22.073	14.537	49.722
41134.598	51408.613	33.761	34957.855	24.310
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8/16/2016 5:15:00 PM	501300.000	22.080	14.545	49.737
41171.414	51444.367	33.788	34982.176	24.289
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8/16/2016 5:30:00 PM	502200.000	22.079	14.561	49.736
41173.086	51426.973	33.777	34970.340	24.288
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8/16/2016 5:45:00 PM	503100.000	22.083	14.570	49.745
41214.668	51467.480	33.807	34997.887	24.263
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8/16/2016 6:00:00 PM	504000.000	22.084	14.578	49.746
41206.113	51447.324	33.793	34984.180	24.268
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8/16/2016 6:15:00 PM	504900.000	22.078	14.587	49.732
41240.754	51479.238	33.817	35005.887	24.248
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8/16/2016 6:30:00 PM	505800.000	22.082	14.595	49.741
41271.758	51508.477	33.839	35025.770	24.230
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8/16/2016 6:45:00 PM	506700.000	22.087	14.601	49.754
41251.965	51476.594	33.816	35004.090	24.241
1.025				

8/16/2016 7:00:00 PM 41259.688 1.025	507600.000 51480.566	22.093 33.820	14.605 35006.785	49.766 24.237
8/16/2016 7:15:00 PM 41218.949 1.025	508500.000 51426.902	22.090 33.781	14.608 34970.297	49.760 24.261
8/16/2016 7:30:00 PM 41256.191 1.025	509400.000 51474.137	21.582 33.815	14.607 35002.414	48.616 24.239
8/16/2016 7:45:00 PM 40994.180 1.025	510300.000 51058.766	21.006 33.517	14.680 34719.965	47.317 24.394
8/16/2016 8:00:00 PM 40975.703 1.025	511200.000 50946.695	20.865 33.441	14.753 34643.758	47.000 24.405
8/16/2016 8:15:00 PM 40990.586 1.025	512100.000 50945.801	20.748 33.441	14.769 34643.148	46.738 24.396
8/16/2016 8:30:00 PM 40947.254 1.025	513000.000 50879.852	20.651 33.394	14.779 34598.301	46.518 24.422
8/16/2016 8:45:00 PM 40972.703 1.025	513900.000 50905.273	20.555 33.413	14.784 34615.590	46.303 24.406
8/16/2016 9:00:00 PM 40995.867 1.025	514800.000 50925.477	20.491 33.428	14.791 34629.324	46.157 24.393
8/16/2016 9:15:00 PM 41014.707 1.025	515700.000 50944.926	20.464 33.443	14.795 34642.551	46.098 24.381
8/16/2016 9:30:00 PM 41026.578 1.025	516600.000 50955.500	20.423 33.451	14.798 34649.742	46.006 24.374
8/16/2016 9:45:00 PM 40996.848 1.025	517500.000 50916.742	20.393 33.423	14.800 34623.391	45.937 24.392
8/16/2016 10:00:00 PM 40998.082 1.025	518400.000 50915.277	20.353 33.422	14.802 34622.391	45.847 24.391
8/16/2016 10:15:00 PM 41015.664 1.025	519300.000 50935.730	20.310 33.437	14.803 34636.301	45.750 24.381
8/16/2016 10:30:00 PM 40975.035 1.025	520200.000 50881.957	20.275 33.398	14.806 34599.730	45.672 24.405
8/16/2016 10:45:00 PM 40978.352 1.025	521100.000 50884.355	20.217 33.400	14.807 34601.363	45.541 24.403
8/16/2016 11:00:00 PM 41008.141 1.025	522000.000 50920.281	20.181 33.426	14.808 34625.793	45.461 24.385
8/16/2016 11:15:00 PM 41001.867 1.025	522900.000 50911.117	20.149 33.419	14.810 34619.559	45.387 24.389
8/16/2016 11:30:00 PM 40971.352 1.025	523800.000 50870.969	20.112 33.390	14.811 34592.258	45.303 24.407

8/16/2016 11:45:00 PM	524700.000	20.077	14.811	45.225
41015.410	50925.672	33.430	34629.461	24.381
1.025				
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41003.785	50909.203	33.418	34618.258	24.388
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8/17/2016 12:15:00 AM	526500.000	20.019	14.814	45.094
40992.137	50893.352	33.407	34607.484	24.395
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8/17/2016 12:30:00 AM	527400.000	20.012	14.813	45.078
40980.230	50880.285	33.397	34598.594	24.402
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8/17/2016 12:45:00 AM	528300.000	19.995	14.814	45.040
40933.293	50821.148	33.354	34558.383	24.430
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8/17/2016 1:00:00 AM	529200.000	19.981	14.814	45.009
41026.039	50935.336	33.438	34636.027	24.375
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8/17/2016 1:15:00 AM	530100.000	19.960	14.814	44.962
40975.969	50873.703	33.392	34594.121	24.405
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8/17/2016 1:30:00 AM	531000.000	19.937	14.815	44.910
40961.270	50854.184	33.378	34580.844	24.413
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8/17/2016 1:45:00 AM	531900.000	19.924	14.815	44.880
41011.820	50917.152	33.424	34623.664	24.383
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8/17/2016 2:00:00 AM	532800.000	19.907	14.815	44.842
40945.336	50834.301	33.364	34567.324	24.423
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8/17/2016 2:15:00 AM	533700.000	19.889	14.817	44.803
40994.664	50893.711	33.407	34607.723	24.393
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8/17/2016 2:30:00 AM	534600.000	19.868	14.816	44.754
40981.844	50878.871	33.396	34597.633	24.401
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8/17/2016 2:45:00 AM	535500.000	19.850	14.815	44.714
40939.484	50826.492	33.358	34562.016	24.426
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8/17/2016 3:00:00 AM	536400.000	19.834	14.814	44.677
40956.723	50849.492	33.375	34577.660	24.416
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8/17/2016 3:15:00 AM	537300.000	19.812	14.814	44.628
40935.344	50822.949	33.355	34559.609	24.429
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8/17/2016 3:30:00 AM	538200.000	19.806	14.814	44.614
40948.594	50839.402	33.367	34570.793	24.421
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8/17/2016 3:45:00 AM	539100.000	19.782	14.816	44.562
40924.449	50806.738	33.343	34548.586	24.435
1.025				
8/17/2016 4:00:00 AM	540000.000	19.771	14.815	44.535
40971.324	50866.563	33.387	34589.266	24.407
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8/17/2016 4:15:00 AM	540900.000	19.759	14.815	44.508
40938.941	50826.563	33.358	34562.066	24.427
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8/17/2016 4:30:00 AM	541800.000	19.748	14.816	44.485

40985.609	50883.000	33.399	34600.445	24.399
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8/17/2016 4:45:00 AM	542700.000	19.730	14.815	44.444
40979.020	50876.219	33.394	34595.828	24.403
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8/17/2016 5:00:00 AM	543600.000	19.717	14.815	44.415
40966.887	50861.156	33.383	34585.586	24.410
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8/17/2016 5:15:00 AM	544500.000	19.706	14.814	44.390
40961.375	50855.797	33.379	34581.945	24.413
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8/17/2016 5:30:00 AM	545400.000	19.693	14.814	44.360
40901.016	50780.223	33.324	34530.551	24.449
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8/17/2016 5:45:00 AM	546300.000	19.680	14.815	44.330
40929.625	50814.793	33.349	34554.063	24.432
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8/17/2016 6:00:00 AM	547200.000	19.667	14.816	44.302
40961.348	50853.527	33.378	34580.398	24.413
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8/17/2016 6:15:00 AM	548100.000	19.660	14.814	44.287
40948.012	50838.570	33.367	34570.230	24.421
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8/17/2016 6:30:00 AM	549000.000	19.645	14.814	44.252
40974.074	50871.563	33.391	34592.668	24.406
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8/17/2016 6:45:00 AM	549900.000	19.637	14.814	44.234
40979.281	50877.613	33.395	34596.777	24.403
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8/17/2016 7:00:00 AM	550800.000	19.617	14.813	44.189
40967.805	50864.855	33.386	34588.105	24.409
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8/17/2016 7:15:00 AM	551700.000	19.606	14.814	44.164
40912.082	50793.852	33.334	34539.820	24.443
1.025				
8/17/2016 7:30:00 AM	552600.000	19.598	14.814	44.146
40956.277	50848.723	33.374	34577.133	24.416
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8/17/2016 7:45:00 AM	553500.000	19.589	14.813	44.126
40903.711	50785.055	33.327	34533.836	24.448
1.025				
8/17/2016 8:00:00 AM	554400.000	19.578	14.814	44.102
40947.488	50838.027	33.366	34569.863	24.422
1.025				
8/17/2016 8:15:00 AM	555300.000	19.570	14.814	44.083
40956.152	50849.313	33.374	34577.535	24.416
1.025				
8/17/2016 8:30:00 AM	556200.000	19.557	14.814	44.054
40940.809	50829.734	33.360	34564.219	24.426
1.025				
8/17/2016 8:45:00 AM	557100.000	19.552	14.814	44.042
40931.242	50818.484	33.352	34556.570	24.431
1.025				
8/17/2016 9:00:00 AM	558000.000	19.541	14.814	44.018
40958.199	50851.645	33.376	34579.121	24.415
1.025				
8/17/2016 9:15:00 AM	558900.000	19.531	14.813	43.995

40905.320	50786.531	33.328	34534.840	24.447
1.025				
8/17/2016 9:30:00 AM	559800.000	19.523	14.813	43.979
40938.496	50828.684	33.359	34563.508	24.427
1.025				
8/17/2016 9:45:00 AM	560700.000	19.513	14.812	43.954
40940.102	50831.109	33.361	34565.160	24.426
1.025				
8/17/2016 10:00:00 AM	561600.000	19.501	14.814	43.929
40965.902	50861.102	33.383	34585.551	24.411
1.025				
8/17/2016 10:15:00 AM	562500.000	19.497	14.813	43.918
40906.156	50788.313	33.330	34536.055	24.446
1.025				
8/17/2016 10:30:00 AM	563400.000	19.486	14.813	43.895
40936.574	50826.082	33.357	34561.738	24.428
1.025				
8/17/2016 10:45:00 AM	564300.000	19.479	14.812	43.878
40919.277	50805.254	33.342	34547.578	24.438
1.025				
8/17/2016 11:00:00 AM	565200.000	19.472	14.813	43.861
40878.914	50754.707	33.305	34513.203	24.462
1.025				
8/17/2016 11:15:00 AM	566100.000	19.466	14.813	43.850
40935.254	50824.551	33.356	34560.695	24.429
1.025				
8/17/2016 11:30:00 AM	567000.000	19.460	14.813	43.836
40931.602	50819.684	33.353	34557.387	24.431
1.025				
8/17/2016 11:45:00 AM	567900.000	19.453	14.813	43.819
40944.613	50835.941	33.365	34568.441	24.423
1.025				
8/17/2016 12:00:00 PM	568800.000	19.444	14.813	43.800
40923.316	50809.621	33.345	34550.543	24.436
1.025				
8/17/2016 12:15:00 PM	569700.000	19.435	14.813	43.778
40919.602	50805.008	33.342	34547.410	24.438
1.025				
8/17/2016 12:30:00 PM	570600.000	19.432	14.813	43.772
40918.961	50804.430	33.341	34547.012	24.439
1.025				
8/17/2016 12:45:00 PM	571500.000	19.416	14.812	43.737
40921.613	50808.785	33.345	34549.973	24.437
1.025				
8/17/2016 1:00:00 PM	572400.000	19.410	14.812	43.724
40930.297	50818.707	33.352	34556.723	24.432
1.025				
8/17/2016 1:15:00 PM	573300.000	19.404	14.813	43.710
40942.156	50833.332	33.363	34566.668	24.425
1.025				
8/17/2016 1:30:00 PM	574200.000	19.396	14.811	43.691
40887.891	50767.875	33.315	34522.160	24.457
1.025				
8/17/2016 1:45:00 PM	575100.000	19.386	14.812	43.670
40952.809	50847.313	33.373	34576.172	24.418
1.025				
8/17/2016 2:00:00 PM	576000.000	19.383	14.812	43.662
40921.324	50808.637	33.344	34549.879	24.437

1.025				
8/17/2016 2:15:00 PM	576900.000	19.378	14.811	43.652
40911.402	50797.066	33.336	34542.008	24.443
1.025				
8/17/2016 2:30:00 PM	577800.000	19.379	14.811	43.653
40900.547	50783.793	33.326	34532.980	24.450
1.025				
8/17/2016 2:45:00 PM	578700.000	19.361	14.811	43.613
40837.316	50704.547	33.268	34479.094	24.487
1.025				
8/17/2016 3:00:00 PM	579600.000	19.358	14.810	43.605
40942.523	50836.344	33.365	34568.719	24.424
1.025				
8/17/2016 3:15:00 PM	580500.000	19.351	14.810	43.591
40892.492	50775.309	33.320	34527.215	24.454
1.025				
8/17/2016 3:30:00 PM	581400.000	19.353	14.810	43.594
40888.141	50769.672	33.316	34523.379	24.457
1.025				
8/17/2016 3:45:00 PM	582300.000	19.338	14.809	43.561
40880.270	50760.230	33.309	34516.961	24.462
1.025				
8/17/2016 4:00:00 PM	583200.000	19.334	14.810	43.552
40924.641	50814.574	33.349	34553.914	24.435
1.025				
8/17/2016 4:15:00 PM	584100.000	19.328	14.809	43.538
40880.020	50760.676	33.309	34517.262	24.462
1.025				
8/17/2016 4:30:00 PM	585000.000	19.322	14.809	43.526
40915.969	50804.559	33.341	34547.105	24.440
1.025				
8/17/2016 4:45:00 PM	585900.000	19.321	14.810	43.522
40887.734	50768.527	33.315	34522.598	24.457
1.025				
8/17/2016 5:00:00 PM	586800.000	19.314	14.808	43.507
40881.703	50764.133	33.312	34519.613	24.461
1.025				
8/17/2016 5:15:00 PM	587700.000	19.308	14.808	43.492
40878.531	50759.559	33.308	34516.504	24.463
1.025				
8/17/2016 5:30:00 PM	588600.000	19.302	14.809	43.480
40890.121	50773.301	33.318	34525.844	24.456
1.025				
8/17/2016 5:45:00 PM	589500.000	19.299	14.809	43.473
40903.203	50788.707	33.330	34536.324	24.448
1.025				
8/17/2016 6:00:00 PM	590400.000	19.292	14.808	43.458
40906.223	50794.473	33.334	34540.246	24.446
1.025				
8/17/2016 6:15:00 PM	591300.000	19.286	14.807	43.444
40914.566	50805.367	33.342	34547.648	24.441
1.025				
8/17/2016 6:30:00 PM	592200.000	19.291	14.807	43.456
40888.711	50773.910	33.319	34526.262	24.457
1.025				
8/17/2016 6:45:00 PM	593100.000	19.284	14.807	43.440
40879.914	50762.121	33.310	34518.246	24.462

1.025				
8/17/2016 7:00:00 PM	594000.000	19.275	14.807	43.419
40896.055	50782.496	33.325	34532.102	24.452
1.025				
8/17/2016 7:15:00 PM	594900.000	19.271	14.806	43.409
40878.426	50761.570	33.310	34517.867	24.463
1.025				
8/17/2016 7:30:00 PM	595800.000	19.273	14.806	43.414
40903.453	50793.184	33.333	34539.363	24.448
1.025				
8/17/2016 7:45:00 PM	596700.000	19.265	14.807	43.396
40894.285	50780.832	33.324	34530.969	24.453
1.025				
8/17/2016 8:00:00 PM	597600.000	19.265	14.806	43.397
40908.703	50799.480	33.337	34543.652	24.445
1.025				
8/17/2016 8:15:00 PM	598500.000	19.255	14.807	43.374
40855.445	50732.602	33.288	34498.168	24.477
1.025				
8/17/2016 8:30:00 PM	599400.000	19.263	14.806	43.393
40884.461	50769.270	33.315	34523.105	24.459
1.025				
8/17/2016 8:45:00 PM	600300.000	19.256	14.807	43.376
40865.148	50744.855	33.297	34506.504	24.471
1.025				
8/17/2016 9:00:00 PM	601200.000	19.258	14.806	43.381
40914.461	50806.738	33.343	34548.586	24.441
1.025				
8/17/2016 9:15:00 PM	602100.000	19.252	14.805	43.368
40898.023	50787.273	33.328	34535.352	24.451
1.025				
8/17/2016 9:30:00 PM	603000.000	19.256	14.806	43.377
40929.285	50824.727	33.356	34560.813	24.432
1.025				
8/17/2016 9:45:00 PM	603900.000	19.258	14.806	43.381
40903.383	50793.094	33.333	34539.305	24.448
1.025				
8/17/2016 10:00:00 PM	604800.000	19.269	14.805	43.405
40897.020	50786.570	33.328	34534.871	24.452
1.025				
8/17/2016 10:15:00 PM	605700.000	19.275	14.805	43.419
40920.391	50814.953	33.349	34554.168	24.438
1.025				
8/17/2016 10:30:00 PM	606600.000	19.270	14.804	43.409
40936.590	50837.000	33.365	34569.160	24.428
1.025				
8/17/2016 10:45:00 PM	607500.000	19.279	14.804	43.428
40881.020	50768.098	33.314	34522.309	24.461
1.025				
8/17/2016 11:00:00 PM	608400.000	19.298	14.803	43.470
40899.750	50791.781	33.331	34538.410	24.450
1.025				
8/17/2016 11:15:00 PM	609300.000	19.309	14.803	43.495
40876.805	50763.813	33.311	34519.398	24.464
1.025				
8/17/2016 11:30:00 PM	610200.000	19.317	14.803	43.514
40914.566	50811.031	33.345	34551.504	24.441
1.025				

8/17/2016 11:45:00 PM	611100.000	19.319	14.801	43.517
40899.215	50794.105	33.333	34539.992	24.450
1.025				

Report Date: 8/19/2016 12:31:59 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3D LT Test_2016-08-18_09-18-39-495-BaroMerge.wsl
Create Date: 8/19/2016 12:27:41 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25

Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/9/2016 6:36:41 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
3/9/2016 6:37:49 PM	Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar
3/9/2016 6:37:54 PM	Device Taken Offline
3/9/2016 6:39:03 PM	Device Put Online
3/9/2016 6:39:04 PM	Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar
3/17/2016 5:02:59 PM 5:00:00 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/10/2016 9:00:00 AM Stop Time: 3/17/2016
3/24/2016 1:04:11 PM 1:15:00 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016
3/31/2016 8:47:15 AM 9:30:00 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016
4/7/2016 1:07:21 PM 1:15:00 PM	Log Download - Used Battery: 1% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016
4/14/2016 12:53:34 PM 1:45:00 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016
4/21/2016 11:16:11 AM 12:15:00 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016
4/28/2016 3:06:41 PM 3:00:00 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016
5/5/2016 10:41:59 AM 10:30:00 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016
5/12/2016 12:05:39 PM 12:00:00 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016
5/19/2016 2:33:06 PM 3:30:00 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016
5/26/2016 1:29:34 PM 2:00:00 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016
6/2/2016 2:01:35 PM 2:44:45 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016
6/9/2016 10:11:07 AM 11:00:00 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016
6/16/2016 4:19:34 PM 5:15:00 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016
6/23/2016 11:55:38 AM 12:00:00 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016
7/1/2016 7:41:47 AM 7:15:00 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016
7/8/2016 6:42:39 AM 4:15:00 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016
7/14/2016 7:36:39 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016

8:30:00 PM
 7/21/2016 12:16:46 PM Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:15:00 PM
 7/28/2016 9:23:14 AM Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 10:00:00 AM
 8/4/2016 9:12:35 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:45:00 AM
 8/11/2016 1:11:02 PM Log Download - Used Battery: 8% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 1:59:45 PM
 8/18/2016 9:16:49 AM Log Download - Used Battery: 8% Used Memory: 21% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 8:35:00 PM
 8/19/2016 12:27:41 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 718

Sensors: 2

1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time	Corrected	Corrected	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity
(µS)	Seconds	Pressure (PSI)	Temperature (C)	Water Density (g/cm3)	Barometric Pressure (PSI)	
Salinity (PSU)		Total Dissolved Solids (ppt)	Resistivity (ohm-cm)			
8/11/2016 12:00:00 AM	7200.000	120.804	19.691	272.122	41766.309	46478.922
30.475	31.606	23.943	1.021	14.708		
8/11/2016 12:15:00 AM	8100.000	120.782	19.692	272.073	41760.852	46472.594
30.471	31.601	23.946	1.021	14.716		
8/11/2016 12:30:00 AM	9000.000	120.780	19.694	272.068	41730.895	46436.676
30.445	31.577	23.963	1.021	14.713		
8/11/2016 12:45:00 AM	9900.000	120.772	19.693	272.051	41733.387	46440.910
30.448	31.580	23.962	1.021	14.715		
8/11/2016 1:00:00 AM	10800.000	120.763	19.695	272.030	41755.609	46463.742
30.465	31.595	23.949	1.021	14.718		
8/11/2016 1:15:00 AM	11700.000	120.773	19.691	272.053	41758.098	46470.125
30.469	31.600	23.947	1.021	14.711		
8/11/2016 1:30:00 AM	12600.000	120.767	19.694	272.038	41767.578	46478.180
30.475	31.605	23.942	1.021	14.715		
8/11/2016 1:45:00 AM	13500.000	120.777	19.695	272.063	41751.758	46459.711
30.462	31.593	23.951	1.021	14.713		
8/11/2016 2:00:00 AM	14400.000	120.777	19.690	272.061	41758.184	46470.906
30.470	31.600	23.947	1.021	14.715		
8/11/2016 2:15:00 AM	15300.000	120.790	19.692	272.092	41731.207	46438.906
30.446	31.578	23.963	1.021	14.714		

8/11/2016 2:30:00 AM	16200.000	120.794	19.696	272.100	41736.789	46441.156
30.448	31.580	23.960	1.021	14.717		
8/11/2016 2:45:00 AM	17100.000	120.804	19.691	272.124	41746.754	46458.105
30.460	31.592	23.954	1.021	14.716		
8/11/2016 3:00:00 AM	18000.000	120.817	19.695	272.151	41767.273	46476.902
30.474	31.604	23.942	1.021	14.718		
8/11/2016 3:15:00 AM	18900.000	120.835	19.692	272.192	41733.672	46441.648
30.448	31.580	23.961	1.021	14.715		
8/11/2016 3:30:00 AM	19800.000	120.847	19.689	272.219	41758.258	46472.105
30.470	31.601	23.947	1.021	14.714		
8/11/2016 3:45:00 AM	20700.000	120.860	19.688	272.249	41735.344	46448.246
30.453	31.585	23.961	1.021	14.714		
8/11/2016 4:00:00 AM	21600.000	120.872	19.690	272.275	41746.188	46458.336
30.460	31.592	23.954	1.021	14.713		
8/11/2016 4:15:00 AM	22500.000	120.886	19.696	272.308	41730.809	46435.375
30.444	31.576	23.963	1.021	14.715		
8/11/2016 4:30:00 AM	23400.000	120.904	19.692	272.347	41741.266	46450.875
30.455	31.587	23.957	1.021	14.710		
8/11/2016 4:45:00 AM	24300.000	120.918	19.689	272.379	41736.988	46448.359
30.453	31.585	23.960	1.021	14.709		
8/11/2016 5:00:00 AM	25200.000	120.927	19.690	272.400	41767.199	46481.719
30.477	31.608	23.942	1.021	14.713		
8/11/2016 5:15:00 AM	26100.000	120.929	19.693	272.404	41762.789	46473.629
30.472	31.602	23.945	1.021	14.721		
8/11/2016 5:30:00 AM	27000.000	120.953	19.689	272.458	41741.992	46454.438
30.457	31.589	23.957	1.021	14.713		
8/11/2016 5:45:00 AM	27900.000	120.957	19.690	272.467	41746.543	46457.953
30.460	31.591	23.954	1.021	14.713		
8/11/2016 6:00:00 AM	28800.000	120.963	19.692	272.482	41741.160	46450.164
30.454	31.586	23.957	1.021	14.718		
8/11/2016 6:15:00 AM	29700.000	120.964	19.694	272.484	41762.707	46472.414
30.471	31.601	23.945	1.021	14.723		
8/11/2016 6:30:00 AM	30600.000	120.972	19.692	272.501	41765.270	46477.672
30.475	31.605	23.943	1.021	14.718		
8/11/2016 6:45:00 AM	31500.000	120.970	19.692	272.496	41776.484	46489.473
30.483	31.613	23.937	1.021	14.728		
8/11/2016 7:00:00 AM	32400.000	120.972	19.695	272.501	41755.848	46464.262
30.465	31.596	23.949	1.021	14.732		
8/11/2016 7:15:00 AM	33300.000	120.971	19.692	272.499	41760.590	46472.207
30.471	31.601	23.946	1.021	14.733		
8/11/2016 7:30:00 AM	34200.000	120.971	19.693	272.498	41760.090	46470.441
30.469	31.600	23.946	1.021	14.734		
8/11/2016 7:45:00 AM	35100.000	120.964	19.691	272.484	41747.504	46458.418
30.460	31.592	23.954	1.021	14.740		
8/11/2016 8:00:00 AM	36000.000	120.960	19.692	272.473	41746.820	46456.801
30.459	31.591	23.954	1.021	14.745		
8/11/2016 8:15:00 AM	36900.000	120.953	19.693	272.458	41776.855	46489.102
30.483	31.613	23.937	1.021	14.744		
8/11/2016 8:30:00 AM	37800.000	120.944	19.691	272.439	41759.004	46471.215
30.470	31.600	23.947	1.021	14.748		
8/11/2016 8:45:00 AM	38700.000	120.935	19.693	272.417	41741.430	46450.125

30.454	31.586	23.957	1.021	14.746				
8/11/2016 9:00:00 AM	39600.000	120.933	19.691	272.414	41735.207	46444.395		
30.450	31.582	23.961	1.021	14.748				
8/11/2016 9:15:00 AM	40500.000	120.924	19.693	272.394	41721.070	46427.203		
30.438	31.570	23.969	1.021	14.750				
8/11/2016 9:30:00 AM	41400.000	120.917	19.695	272.376	41758.902	46467.406		
30.467	31.598	23.947	1.021	14.753				
8/11/2016 9:45:00 AM	42300.000	120.903	19.693	272.345	41764.383	46475.219		
30.473	31.603	23.944	1.021	14.754				
8/11/2016 10:00:00 AM	43200.000	120.892	19.691	272.322	41734.344	46443.352		
30.449	31.581	23.961	1.021	14.758				
8/11/2016 10:15:00 AM	44100.000	120.890	19.695	272.316	41766.160	46475.480		
30.473	31.603	23.943	1.021	14.756				
8/11/2016 10:30:00 AM	45000.000	120.879	19.692	272.291	41765.176	46477.484		
30.474	31.605	23.943	1.021	14.759				
8/11/2016 10:45:00 AM	45900.000	120.877	19.694	272.288	41745.500	46453.531		
30.457	31.588	23.955	1.021	14.760				
8/11/2016 11:00:00 AM	46800.000	120.870	19.692	272.272	41758.082	46469.590		
30.469	31.599	23.947	1.021	14.762				
8/11/2016 11:15:00 AM	47700.000	120.876	19.693	272.284	41718.910	46424.973		
30.436	31.569	23.970	1.021	14.756				
8/11/2016 11:30:00 AM	48600.000	120.874	19.693	272.281	41751.504	46461.242		
30.463	31.594	23.951	1.021	14.756				
8/11/2016 11:45:00 AM	49500.000	120.874	19.694	272.280	41748.879	46457.199		
30.460	31.591	23.953	1.021	14.762				
8/11/2016 12:00:00 PM	50400.000	120.868	19.697	272.266	41744.891	46449.492		
30.454	31.586	23.955	1.021	14.760				
8/11/2016 12:15:00 PM	51300.000	120.877	19.696	272.287	41733.594	46437.781		
30.446	31.578	23.962	1.021	14.760				
8/11/2016 12:30:00 PM	52200.000	120.888	19.696	272.312	41754.742	46462.082		
30.463	31.594	23.949	1.021	14.757				
8/11/2016 12:45:00 PM	53100.000	120.894	19.694	272.325	41744.930	46452.805		
30.456	31.588	23.955	1.021	14.759				
8/11/2016 1:00:00 PM	54000.000	120.898	19.696	272.335	41736.355	46440.945		
30.448	31.580	23.960	1.021	14.758				
8/11/2016 1:15:00 PM	54900.000	120.924	19.699	272.392	41786.129	46493.578		
30.487	31.616	23.931	1.021	14.750				
8/11/2016 1:30:00 PM	55800.000	120.925	19.695	272.396	41758.824	46467.574		
30.467	31.598	23.947	1.021	14.759				
8/11/2016 1:45:00 PM	56700.000	120.951	19.695	272.454	41746.703	46453.746		
30.457	31.589	23.954	1.021	14.752				
8/11/2016 2:00:00 PM	57600.000	120.958	19.695	272.469	41751.332	46458.980		
30.461	31.592	23.951	1.021	14.760				
8/11/2016 2:15:00 PM	58500.000	120.970	19.693	272.496	41754.996	46464.859		
30.465	31.596	23.949	1.021	14.758				
8/11/2016 2:30:00 PM	59400.000	120.996	19.695	272.556	41724.109	46428.945		
30.439	31.572	23.967	1.021	14.755				
8/11/2016 2:45:00 PM	60300.000	121.004	19.695	272.574	41754.477	46462.734		
30.464	31.595	23.950	1.021	14.764				
8/11/2016 3:00:00 PM	61200.000	121.032	19.694	272.636	41728.734	46434.355		
30.443	31.575	23.964	1.021	14.755				

8/11/2016 3:15:00 PM	62100.000	121.054	19.695	272.686	41734.793	46440.578
30.448	31.580	23.961	1.021	14.753		
8/11/2016 3:30:00 PM	63000.000	121.071	19.696	272.723	41744.250	46450.066
30.455	31.586	23.955	1.021	14.754		
8/11/2016 3:45:00 PM	63900.000	121.097	19.692	272.783	41732.168	46440.496
30.447	31.580	23.962	1.021	14.751		
8/11/2016 4:00:00 PM	64800.000	121.118	19.691	272.831	41742.867	46453.094
30.457	31.588	23.956	1.021	14.747		
8/11/2016 4:15:00 PM	65700.000	121.128	19.695	272.852	41755.008	46463.168
30.464	31.595	23.949	1.021	14.754		
8/11/2016 4:30:00 PM	66600.000	121.151	19.693	272.904	41747.063	46456.211
30.459	31.590	23.954	1.021	14.746		
8/11/2016 4:45:00 PM	67500.000	121.165	19.695	272.936	41758.957	46467.648
30.467	31.598	23.947	1.021	14.747		
8/11/2016 5:00:00 PM	68400.000	121.180	19.696	272.970	41737.047	46441.887
30.449	31.580	23.960	1.021	14.747		
8/11/2016 5:15:00 PM	69300.000	121.200	19.697	273.016	41742.297	46446.523
30.452	31.584	23.957	1.021	14.741		
8/11/2016 5:30:00 PM	70200.000	121.210	19.695	273.037	41746.520	46453.543
30.457	31.588	23.954	1.021	14.746		
8/11/2016 5:45:00 PM	71100.000	121.220	19.697	273.061	41709.508	46410.727
30.426	31.559	23.975	1.021	14.742		
8/11/2016 6:00:00 PM	72000.000	121.228	19.693	273.078	41739.340	46447.098
30.452	31.584	23.958	1.021	14.741		
8/11/2016 6:15:00 PM	72900.000	121.237	19.693	273.098	41751.598	46461.258
30.463	31.594	23.951	1.021	14.744		
8/11/2016 6:30:00 PM	73800.000	121.237	19.694	273.097	41750.535	46458.953
30.461	31.592	23.952	1.021	14.741		
8/11/2016 6:45:00 PM	74700.000	121.235	19.695	273.093	41778.777	46489.098
30.483	31.613	23.936	1.021	14.735		
8/11/2016 7:00:00 PM	75600.000	121.230	19.695	273.082	41766.453	46475.383
30.473	31.603	23.943	1.021	14.739		
8/11/2016 7:15:00 PM	76500.000	121.226	19.696	273.074	41753.602	46459.863
30.462	31.593	23.950	1.021	14.739		
8/11/2016 7:30:00 PM	77400.000	121.214	19.695	273.046	41760.578	46469.527
30.469	31.599	23.946	1.021	14.741		
8/11/2016 7:45:00 PM	78300.000	121.208	19.695	273.032	41775.656	46485.445
30.480	31.610	23.937	1.021	14.738		
8/11/2016 8:00:00 PM	79200.000	121.224	19.696	273.068	41768.883	46477.816
30.475	31.605	23.941	1.021	14.739		
8/11/2016 8:15:00 PM	80100.000	121.169	19.699	272.945	41783.301	46490.168
30.484	31.613	23.933	1.021	14.746		
8/11/2016 8:30:00 PM	81000.000	121.151	19.698	272.904	41739.777	46443.199
30.450	31.581	23.958	1.021	14.744		
8/11/2016 8:45:00 PM	81900.000	121.133	19.696	272.864	41779.664	46489.227
30.483	31.613	23.935	1.021	14.739		
8/11/2016 9:00:00 PM	82800.000	121.110	19.697	272.811	41753.609	46459.633
30.462	31.593	23.950	1.021	14.739		
8/11/2016 9:15:00 PM	83700.000	121.090	19.696	272.767	41765.645	46473.707
30.472	31.602	23.943	1.021	14.743		
8/11/2016 9:30:00 PM	84600.000	121.056	19.698	272.691	41742.234	46445.680

30.451	31.583	23.957	1.021	14.749				
8/11/2016 9:45:00 PM	85500.000	121.029	19.698	272.630	41759.902	46465.512		
30.466	31.597	23.946	1.021	14.748				
8/11/2016 10:00:00 PM	86400.000	121.003	19.699	272.572	41727.117	46428.082		
30.439	31.571	23.965	1.021	14.747				
8/11/2016 10:15:00 PM	87300.000	120.971	19.696	272.500	41746.102	46452.469		
30.456	31.588	23.954	1.021	14.748				
8/11/2016 10:30:00 PM	88200.000	120.947	19.696	272.444	41751.613	46457.832		
30.460	31.591	23.951	1.021	14.745				
8/11/2016 10:45:00 PM	89100.000	120.915	19.696	272.373	41730.438	46434.359		
30.443	31.575	23.963	1.021	14.748				
8/11/2016 11:00:00 PM	90000.000	120.894	19.694	272.326	41713.602	46417.605		
30.431	31.564	23.973	1.021	14.743				
8/11/2016 11:15:00 PM	90900.000	120.861	19.695	272.252	41766.254	46475.840		
30.473	31.604	23.943	1.021	14.747				
8/11/2016 11:30:00 PM	91800.000	120.836	19.697	272.194	41756.484	46462.648		
30.464	31.595	23.948	1.021	14.748				
8/11/2016 11:45:00 PM	92700.000	120.814	19.701	272.145	41756.805	46458.531		
30.461	31.592	23.948	1.021	14.747				
8/12/2016 12:00:00 AM	93600.000	120.789	19.699	272.089	41777.270	46483.801		
30.479	31.609	23.936	1.021	14.748				
8/12/2016 12:15:00 AM	94500.000	120.769	19.696	272.043	41761.961	46469.863		
30.469	31.600	23.945	1.021	14.748				
8/12/2016 12:30:00 AM	95400.000	120.746	19.696	271.992	41752.027	46458.211		
30.461	31.592	23.951	1.021	14.749				
8/12/2016 12:45:00 AM	96300.000	120.731	19.695	271.958	41787.035	46498.289		
30.490	31.619	23.931	1.021	14.750				
8/12/2016 1:00:00 AM	97200.000	120.726	19.694	271.946	41769.543	46480.195		
30.477	31.607	23.941	1.021	14.746				
8/12/2016 1:15:00 AM	98100.000	120.714	19.695	271.920	41774.191	46484.602		
30.480	31.610	23.938	1.021	14.744				
8/12/2016 1:30:00 AM	99000.000	120.698	19.697	271.883	41738.879	46443.059		
30.449	31.581	23.958	1.021	14.746				
8/12/2016 1:45:00 AM	99900.000	120.694	19.695	271.875	41733.164	46438.863		
30.446	31.578	23.962	1.021	14.749				
8/12/2016 2:00:00 AM	100800.000	120.693	19.696	271.873	41742.156	46447.922		
30.453	31.585	23.957	1.021	14.743				
8/12/2016 2:15:00 AM	101700.000	120.691	19.694	271.869	41727.164	46432.523		
30.442	31.574	23.965	1.021	14.744				
8/12/2016 2:30:00 AM	102600.000	120.694	19.695	271.875	41716.926	46420.523		
30.433	31.566	23.971	1.021	14.746				
8/12/2016 2:45:00 AM	103500.000	120.701	19.696	271.891	41751.746	46458.242		
30.461	31.592	23.951	1.021	14.742				
8/12/2016 3:00:00 AM	104400.000	120.719	19.696	271.932	41734.172	46438.344		
30.446	31.578	23.961	1.021	14.736				
8/12/2016 3:15:00 AM	105300.000	120.721	19.696	271.936	41752.309	46458.523		
30.461	31.592	23.951	1.021	14.736				
8/12/2016 3:30:00 AM	106200.000	120.726	19.694	271.948	41780.352	46491.793		
30.485	31.614	23.935	1.021	14.744				
8/12/2016 3:45:00 AM	107100.000	120.747	19.696	271.995	41753.793	46460.953		
30.463	31.593	23.950	1.021	14.739				

8/12/2016 4:00:00 AM	108000.000		120.783		19.698		272.075		41746.672		46450.953
30.455	31.587	23.954		1.021		14.743					
8/12/2016 4:15:00 AM	108900.000		120.773		19.697		272.053		41747.961		46453.000
30.457	31.588	23.953		1.021		14.736					
8/12/2016 4:30:00 AM	109800.000		120.788		19.695		272.087		41739.422		46445.645
30.451	31.583	23.958		1.021		14.742					
8/12/2016 4:45:00 AM	110700.000		120.814		19.698		272.144		41730.832		46432.730
30.442	31.574	23.963		1.021		14.737					
8/12/2016 5:00:00 AM	111600.000		120.825		19.697		272.170		41754.762		46460.477
30.462	31.593	23.949		1.021		14.742					
8/12/2016 5:15:00 AM	112500.000		120.840		19.694		272.203		41751.875		46460.277
30.462	31.593	23.951		1.021		14.744					
8/12/2016 5:30:00 AM	113400.000		120.854		19.696		272.236		41752.547		46459.480
30.461	31.592	23.951		1.021		14.746					
8/12/2016 5:45:00 AM	114300.000		120.874		19.693		272.280		41757.395		46467.707
30.467	31.598	23.948		1.021		14.748					
8/12/2016 6:00:00 AM	115200.000		120.888		19.692		272.312		41715.887		46422.293
30.434	31.567	23.972		1.021		14.751					
8/12/2016 6:15:00 AM	116100.000		120.912		19.694		272.366		41765.813		46475.531
30.473	31.603	23.943		1.021		14.745					
8/12/2016 6:30:00 AM	117000.000		120.925		19.691		272.396		41758.543		46470.539
30.469	31.600	23.947		1.021		14.750					
8/12/2016 6:45:00 AM	117900.000		120.936		19.696		272.421		41742.004		46447.480
30.453	31.584	23.957		1.021		14.751					
8/12/2016 7:00:00 AM	118800.000		120.944		19.693		272.439		41771.781		46483.297
30.479	31.609	23.940		1.021		14.755					
8/12/2016 7:15:00 AM	119700.000		120.955		19.696		272.462		41723.645		46426.629
30.437	31.570	23.967		1.021		14.758					
8/12/2016 7:30:00 AM	120600.000		120.965		19.696		272.485		41717.422		46420.125
30.433	31.566	23.971		1.021		14.760					
8/12/2016 7:45:00 AM	121500.000		120.965		19.694		272.485		41752.160		46460.598
30.462	31.593	23.951		1.021		14.765					
8/12/2016 8:00:00 AM	122400.000		120.978		19.696		272.514		41722.652		46425.609
30.437	31.569	23.968		1.021		14.758					
8/12/2016 8:15:00 AM	123300.000		120.970		19.697		272.498		41734.750		46438.039
30.446	31.578	23.961		1.021		14.768					
8/12/2016 8:30:00 AM	124200.000		120.979		19.694		272.517		41751.945		46460.523
30.462	31.593	23.951		1.021		14.763					
8/12/2016 8:45:00 AM	125100.000		120.982		19.694		272.524		41750.453		46458.695
30.461	31.592	23.952		1.021		14.759					
8/12/2016 9:00:00 AM	126000.000		120.982		19.695		272.525		41762.785		46471.121
30.470	31.600	23.945		1.021		14.761					
8/12/2016 9:15:00 AM	126900.000		120.976		19.698		272.511		41744.996		46448.828
30.454	31.585	23.955		1.021		14.764					
8/12/2016 9:30:00 AM	127800.000		120.971		19.696		272.499		41767.094		46475.398
30.473	31.603	23.942		1.021		14.765					
8/12/2016 9:45:00 AM	128700.000		120.964		19.695		272.482		41756.918		46465.113
30.466	31.596	23.948		1.021		14.764					
8/12/2016 10:00:00 AM	129600.000		120.955		19.696		272.464		41742.266		46447.250
30.453	31.584	23.957		1.021		14.768					
8/12/2016 10:15:00 AM	130500.000		120.950		19.696		272.451		41745.613		46451.676

30.456	31.587	23.955	1.021	14.766					
8/12/2016 10:30:00 AM	131400.000	120.955	19.699	272.463	41779.707	46486.688			
30.481	31.611	23.935	1.021	14.759					
8/12/2016 10:45:00 AM	132300.000	120.940	19.703	272.430	41771.980	46473.957			
30.472	31.602	23.939	1.021	14.766					
8/12/2016 11:00:00 AM	133200.000	120.928	19.700	272.403	41778.996	46484.602			
30.480	31.610	23.935	1.021	14.770					
8/12/2016 11:15:00 AM	134100.000	120.933	19.698	272.413	41742.473	46446.465			
30.452	31.584	23.956	1.021	14.767					
8/12/2016 11:30:00 AM	135000.000	120.930	19.696	272.407	41753.875	46460.777			
30.462	31.593	23.950	1.021	14.764					
8/12/2016 11:45:00 AM	135900.000	120.928	19.697	272.402	41723.621	46426.000			
30.437	31.570	23.967	1.021	14.763					
8/12/2016 12:00:00 PM	136800.000	120.916	19.696	272.376	41769.906	46478.008			
30.475	31.605	23.941	1.021	14.768					
8/12/2016 12:15:00 PM	137700.000	120.918	19.697	272.379	41750.977	46456.184			
30.459	31.590	23.952	1.021	14.767					
8/12/2016 12:30:00 PM	138600.000	120.918	19.699	272.380	41740.266	46442.109			
30.449	31.581	23.958	1.021	14.769					
8/12/2016 12:45:00 PM	139500.000	120.918	19.698	272.380	41732.543	46435.152			
30.444	31.576	23.962	1.021	14.767					
8/12/2016 1:00:00 PM	140400.000	120.921	19.699	272.387	41782.262	46489.695			
30.484	31.613	23.934	1.021	14.764					
8/12/2016 1:15:00 PM	141300.000	120.935	19.697	272.417	41735.336	46438.691			
30.446	31.578	23.961	1.021	14.758					
8/12/2016 1:30:00 PM	142200.000	120.938	19.699	272.425	41720.637	46420.871			
30.433	31.566	23.969	1.021	14.760					
8/12/2016 1:45:00 PM	143100.000	120.951	19.696	272.453	41751.945	46458.465			
30.461	31.592	23.951	1.021	14.760					
8/12/2016 2:00:00 PM	144000.000	120.949	19.698	272.450	41746.500	46450.426			
30.455	31.586	23.954	1.021	14.763					
8/12/2016 2:15:00 PM	144900.000	120.967	19.697	272.490	41756.742	46463.020			
30.464	31.595	23.948	1.021	14.760					
8/12/2016 2:30:00 PM	145800.000	120.981	19.698	272.521	41742.031	46445.453			
30.451	31.583	23.957	1.021	14.761					
8/12/2016 2:45:00 PM	146700.000	121.001	19.698	272.568	41752.098	46456.570			
30.459	31.590	23.951	1.021	14.759					
8/12/2016 3:00:00 PM	147600.000	121.015	19.700	272.599	41778.238	46483.938			
30.480	31.609	23.936	1.021	14.759					
8/12/2016 3:15:00 PM	148500.000	121.039	19.698	272.651	41759.520	46465.434			
30.466	31.596	23.947	1.021	14.757					
8/12/2016 3:30:00 PM	149400.000	121.058	19.697	272.694	41750.348	46455.738			
30.459	31.590	23.952	1.021	14.758					
8/12/2016 3:45:00 PM	150300.000	121.087	19.699	272.760	41750.664	46454.281			
30.458	31.589	23.952	1.021	14.753					
8/12/2016 4:00:00 PM	151200.000	121.096	19.696	272.781	41737.285	46442.152			
30.449	31.581	23.959	1.021	14.761					
8/12/2016 4:15:00 PM	152100.000	121.129	19.699	272.855	41741.484	46443.906			
30.450	31.582	23.957	1.021	14.753					
8/12/2016 4:30:00 PM	153000.000	121.152	19.696	272.906	41747.086	46453.059			
30.457	31.588	23.954	1.021	14.753					

8/12/2016 4:45:00 PM	153900.000		121.169		19.699		272.944		41774.691		46481.109
30.477	31.607	23.938		1.021		14.751					
8/12/2016 5:00:00 PM	154800.000		121.195		19.697		273.004		41742.566		46447.512
30.453	31.584	23.956		1.021		14.749					
8/12/2016 5:15:00 PM	155700.000		121.218		19.698		273.055		41759.828		46465.594
30.466	31.597	23.946		1.021		14.745					
8/12/2016 5:30:00 PM	156600.000		121.233		19.696		273.090		41784.824		46495.555
30.488	31.617	23.932		1.021		14.746					
8/12/2016 5:45:00 PM	157500.000		121.256		19.695		273.142		41744.316		46450.836
30.455	31.587	23.955		1.021		14.735					
8/12/2016 6:00:00 PM	158400.000		121.267		19.697		273.166		41768.152		46475.898
30.473	31.604	23.942		1.021		14.737					
8/12/2016 6:15:00 PM	159300.000		121.286		19.700		273.210		41722.543		46421.789
30.434	31.567	23.968		1.021		14.733					
8/12/2016 6:30:00 PM	160200.000		121.285		19.698		273.206		41721.891		46423.383
30.435	31.568	23.968		1.021		14.735					
8/12/2016 6:45:00 PM	161100.000		121.300		19.699		273.239		41731.484		46433.195
30.442	31.575	23.963		1.021		14.732					
8/12/2016 7:00:00 PM	162000.000		121.307		19.698		273.256		41704.789		46404.352
30.421	31.555	23.978		1.021		14.730					
8/12/2016 7:15:00 PM	162900.000		121.306		19.701		273.253		41757.887		46460.430
30.462	31.593	23.948		1.021		14.732					
8/12/2016 7:30:00 PM	163800.000		121.309		19.697		273.260		41752.980		46459.098
30.461	31.592	23.950		1.021		14.732					
8/12/2016 7:45:00 PM	164700.000		121.313		19.697		273.270		41723.621		46426.082
30.437	31.570	23.967		1.021		14.724					
8/12/2016 8:00:00 PM	165600.000		121.304		19.696		273.248		41731.297		46435.746
30.444	31.576	23.963		1.021		14.728					
8/12/2016 8:15:00 PM	166500.000		121.316		19.699		273.276		41768.133		46473.637
30.472	31.602	23.942		1.021		14.734					
8/12/2016 8:30:00 PM	167400.000		121.272		19.698		273.176		41776.273		46484.074
30.479	31.609	23.937		1.021		14.734					
8/12/2016 8:45:00 PM	168300.000		121.259		19.700		273.147		41770.363		46475.086
30.473	31.603	23.940		1.021		14.735					
8/12/2016 9:00:00 PM	169200.000		121.243		19.700		273.111		41757.449		46460.379
30.462	31.593	23.948		1.021		14.734					
8/12/2016 9:15:00 PM	170100.000		121.218		19.700		273.056		41763.371		46467.133
30.467	31.598	23.944		1.021		14.736					
8/12/2016 9:30:00 PM	171000.000		121.187		19.700		272.986		41723.930		46422.902
30.435	31.568	23.967		1.021		14.741					
8/12/2016 9:45:00 PM	171900.000		121.171		19.698		272.949		41773.543		46480.086
30.477	31.606	23.939		1.021		14.739					
8/12/2016 10:00:00 PM	172800.000		121.136		19.699		272.870		41718.664		46418.176
30.431	31.564	23.970		1.021		14.737					
8/12/2016 10:15:00 PM	173700.000		121.101		19.699		272.792		41740.613		46442.836
30.449	31.581	23.957		1.021		14.744					
8/12/2016 10:30:00 PM	174600.000		121.063		19.701		272.707		41743.582		46444.258
30.451	31.582	23.956		1.021		14.746					
8/12/2016 10:45:00 PM	175500.000		121.043		19.698		272.661		41754.105		46458.887
30.461	31.592	23.950		1.021		14.737					
8/12/2016 11:00:00 PM	176400.000		121.004		19.698		272.574		41742.242		46445.258

30.451	31.583	23.957	1.021	14.739					
8/12/2016 11:15:00 PM	177300.000	120.975	19.700	272.509	41778.934	46485.051			
30.480	31.610	23.936	1.021	14.739					
8/12/2016 11:30:00 PM	178200.000	120.938	19.700	272.425	41745.109	46446.723			
30.452	31.584	23.955	1.021	14.738					
8/12/2016 11:45:00 PM	179100.000	120.912	19.701	272.367	41753.547	46455.008			
30.458	31.589	23.950	1.021	14.733					
8/13/2016 12:00:00 AM	180000.000	120.883	19.702	272.300	41754.477	46455.859			
30.459	31.590	23.950	1.021	14.732					
8/13/2016 12:15:00 AM	180900.000	120.846	19.701	272.218	41777.082	46481.785			
30.478	31.608	23.937	1.021	14.735					
8/13/2016 12:30:00 AM	181800.000	120.821	19.700	272.160	41753.738	46456.070			
30.459	31.590	23.950	1.021	14.732					
8/13/2016 12:45:00 AM	182700.000	120.794	19.701	272.099	41748.680	46450.352			
30.455	31.586	23.953	1.021	14.731					
8/13/2016 1:00:00 AM	183600.000	120.772	19.699	272.050	41737.289	46439.398			
30.447	31.579	23.959	1.021	14.728					
8/13/2016 1:15:00 AM	184500.000	120.744	19.699	271.989	41739.859	46441.832			
30.449	31.580	23.958	1.021	14.731					
8/13/2016 1:30:00 AM	185400.000	120.724	19.701	271.942	41767.051	46470.371			
30.470	31.600	23.942	1.021	14.737					
8/13/2016 1:45:00 AM	186300.000	120.709	19.698	271.908	41700.250	46399.039			
30.417	31.551	23.981	1.021	14.728					
8/13/2016 2:00:00 AM	187200.000	120.694	19.699	271.874	41761.500	46466.176			
30.466	31.597	23.945	1.021	14.726					
8/13/2016 2:15:00 AM	188100.000	120.682	19.699	271.848	41767.156	46472.371			
30.471	31.601	23.942	1.021	14.729					
8/13/2016 2:30:00 AM	189000.000	120.675	19.700	271.832	41739.031	46440.570			
30.448	31.580	23.958	1.021	14.725					
8/13/2016 2:45:00 AM	189900.000	120.681	19.698	271.845	41743.949	46447.422			
30.453	31.584	23.956	1.021	14.719					
8/13/2016 3:00:00 AM	190800.000	120.672	19.698	271.824	41783.090	46491.570			
30.485	31.614	23.933	1.021	14.723					
8/13/2016 3:15:00 AM	191700.000	120.678	19.698	271.839	41758.777	46464.086			
30.465	31.596	23.947	1.021	14.723					
8/13/2016 3:30:00 AM	192600.000	120.680	19.699	271.844	41762.547	46467.758			
30.468	31.598	23.945	1.021	14.722					
8/13/2016 3:45:00 AM	193500.000	120.692	19.699	271.871	41788.094	46496.020			
30.488	31.617	23.930	1.021	14.723					
8/13/2016 4:00:00 AM	194400.000	120.702	19.700	271.893	41749.750	46451.813			
30.456	31.587	23.952	1.021	14.718					
8/13/2016 4:15:00 AM	195300.000	120.720	19.699	271.934	41737.910	46439.746			
30.447	31.579	23.959	1.021	14.718					
8/13/2016 4:30:00 AM	196200.000	120.738	19.699	271.974	41776.277	46482.695			
30.479	31.608	23.937	1.021	14.712					
8/13/2016 4:45:00 AM	197100.000	120.758	19.696	272.019	41727.668	46431.105			
30.441	31.573	23.965	1.021	14.716					
8/13/2016 5:00:00 AM	198000.000	120.776	19.699	272.059	41723.766	46423.754			
30.435	31.568	23.967	1.021	14.713					
8/13/2016 5:15:00 AM	198900.000	120.793	19.698	272.097	41769.602	46476.305			
30.474	31.604	23.941	1.021	14.716					

8/13/2016 5:30:00 AM	199800.000		120.812		19.700		272.141	41770.148	46474.672
30.473	31.603	23.941		1.021		14.717			
8/13/2016 5:45:00 AM	200700.000		120.841		19.698		272.206	41759.785	46465.125
30.466	31.596	23.946		1.021		14.716			
8/13/2016 6:00:00 AM	201600.000		120.858		19.698		272.244	41788.176	46496.797
30.489	31.618	23.930		1.021		14.720			
8/13/2016 6:15:00 AM	202500.000		120.915		19.700		272.372	41726.641	46426.008
30.437	31.570	23.966		1.021		14.716			
8/13/2016 6:30:00 AM	203400.000		120.908		19.699		272.358	41745.992	46448.922
30.454	31.585	23.954		1.021		14.715			
8/13/2016 6:45:00 AM	204300.000		120.926		19.698		272.397	41721.969	46422.703
30.435	31.567	23.968		1.021		14.717			
8/13/2016 7:00:00 AM	205200.000		120.944		19.697		272.437	41765.926	46472.988
30.471	31.602	23.943		1.021		14.724			
8/13/2016 7:15:00 AM	206100.000		120.963		19.700		272.481	41758.305	46461.406
30.463	31.594	23.947		1.021		14.722			
8/13/2016 7:30:00 AM	207000.000		120.973		19.699		272.503	41785.531	46492.914
30.486	31.615	23.932		1.021		14.730			
8/13/2016 7:45:00 AM	207900.000		120.989		19.698		272.539	41765.496	46471.223
30.470	31.600	23.943		1.021		14.733			
8/13/2016 8:00:00 AM	208800.000		121.005		19.702		272.576	41738.344	46437.652
30.446	31.578	23.959		1.021		14.730			
8/13/2016 8:15:00 AM	209700.000		121.013		19.700		272.593	41746.238	46448.672
30.454	31.585	23.954		1.021		14.732			
8/13/2016 8:30:00 AM	210600.000		121.027		19.697		272.626	41761.031	46467.281
30.467	31.598	23.946		1.021		14.731			
8/13/2016 8:45:00 AM	211500.000		121.034		19.699		272.642	41736.508	46438.531
30.446	31.578	23.960		1.021		14.730			
8/13/2016 9:00:00 AM	212400.000		121.032		19.698		272.636	41760.461	46466.297
30.467	31.597	23.946		1.021		14.733			
8/13/2016 9:15:00 AM	213300.000		121.043		19.698		272.661	41721.297	46422.219
30.434	31.567	23.969		1.021		14.734			
8/13/2016 9:30:00 AM	214200.000		121.040		19.698		272.655	41768.402	46474.633
30.473	31.603	23.942		1.021		14.730			
8/13/2016 9:45:00 AM	215100.000		121.034		19.698		272.641	41751.203	46456.180
30.459	31.590	23.951		1.021		14.731			
8/13/2016 10:00:00 AM	216000.000		121.040		19.699		272.654	41735.078	46436.941
30.445	31.577	23.961		1.021		14.728			
8/13/2016 10:15:00 AM	216900.000		121.036		19.699		272.645	41737.129	46439.223
30.447	31.579	23.959		1.021		14.728			
8/13/2016 10:30:00 AM	217800.000		121.025		19.699		272.620	41742.703	46445.340
30.451	31.583	23.956		1.021		14.727			
8/13/2016 10:45:00 AM	218700.000		121.019		19.697		272.608	41787.684	46497.449
30.489	31.618	23.930		1.021		14.728			
8/13/2016 11:00:00 AM	219600.000		121.011		19.699		272.590	41749.660	46452.738
30.457	31.588	23.952		1.021		14.730			
8/13/2016 11:15:00 AM	220500.000		120.999		19.699		272.563	41767.848	46473.316
30.472	31.602	23.942		1.021		14.730			
8/13/2016 11:30:00 AM	221400.000		120.993		19.698		272.547	41777.363	46485.020
30.480	31.610	23.936		1.021		14.727			
8/13/2016 11:45:00 AM	222300.000		120.983		19.700		272.526	41753.141	46456.352

30.459	31.590	23.950	1.021	14.722				
8/13/2016 12:00:00 PM	223200.000	120.970	19.697	272.497	41790.797	46500.488		
30.491	31.620	23.929	1.021	14.724				
8/13/2016 12:15:00 PM	224100.000	120.964	19.701	272.484	41732.258	46431.914		
30.442	31.574	23.962	1.021	14.721				
8/13/2016 12:30:00 PM	225000.000	120.950	19.701	272.452	41763.480	46466.652		
30.467	31.597	23.944	1.021	14.723				
8/13/2016 12:45:00 PM	225900.000	120.952	19.699	272.457	41728.523	46429.301		
30.440	31.572	23.964	1.021	14.721				
8/13/2016 1:00:00 PM	226800.000	120.948	19.699	272.448	41754.766	46458.500		
30.461	31.592	23.949	1.021	14.723				
8/13/2016 1:15:00 PM	227700.000	120.948	19.699	272.448	41751.203	46454.281		
30.458	31.589	23.951	1.021	14.717				
8/13/2016 1:30:00 PM	228600.000	120.949	19.698	272.450	41733.207	46435.711		
30.444	31.576	23.962	1.021	14.717				
8/13/2016 1:45:00 PM	229500.000	120.952	19.699	272.457	41723.102	46423.707		
30.435	31.568	23.968	1.021	14.714				
8/13/2016 2:00:00 PM	230400.000	120.952	19.699	272.455	41738.145	46440.008		
30.447	31.579	23.959	1.021	14.716				
8/13/2016 2:15:00 PM	231300.000	120.953	19.700	272.458	41746.645	46448.785		
30.454	31.585	23.954	1.021	14.718				
8/13/2016 2:30:00 PM	232200.000	120.963	19.701	272.481	41764.531	46467.820		
30.468	31.598	23.944	1.021	14.717				
8/13/2016 2:45:00 PM	233100.000	120.970	19.699	272.497	41738.297	46440.520		
30.448	31.580	23.959	1.021	14.714				
8/13/2016 3:00:00 PM	234000.000	120.984	19.699	272.528	41748.602	46451.387		
30.456	31.587	23.953	1.021	14.711				
8/13/2016 3:15:00 PM	234900.000	120.999	19.701	272.562	41773.984	46477.746		
30.475	31.605	23.938	1.021	14.713				
8/13/2016 3:30:00 PM	235800.000	121.014	19.698	272.597	41731.441	46433.242		
30.442	31.575	23.963	1.021	14.710				
8/13/2016 3:45:00 PM	236700.000	121.034	19.697	272.640	41712.113	46412.758		
30.427	31.561	23.974	1.021	14.706				
8/13/2016 4:00:00 PM	237600.000	121.057	19.698	272.692	41737.895	46440.848		
30.448	31.580	23.959	1.021	14.706				
8/13/2016 4:15:00 PM	238500.000	121.082	19.700	272.749	41764.551	46468.281		
30.468	31.598	23.944	1.021	14.703				
8/13/2016 4:30:00 PM	239400.000	121.105	19.699	272.802	41730.520	46431.605		
30.441	31.573	23.963	1.021	14.699				
8/13/2016 4:45:00 PM	240300.000	121.136	19.699	272.872	41750.508	46454.363		
30.458	31.589	23.952	1.021	14.697				
8/13/2016 5:00:00 PM	241200.000	121.156	19.700	272.916	41748.016	46449.957		
30.455	31.586	23.953	1.021	14.697				
8/13/2016 5:15:00 PM	242100.000	121.179	19.701	272.968	41736.055	46435.965		
30.444	31.576	23.960	1.021	14.694				
8/13/2016 5:30:00 PM	243000.000	121.204	19.699	273.024	41772.680	46478.777		
30.476	31.606	23.939	1.021	14.695				
8/13/2016 5:45:00 PM	243900.000	121.235	19.697	273.094	41731.109	46433.895		
30.443	31.575	23.963	1.021	14.690				
8/13/2016 6:00:00 PM	244800.000	121.256	19.699	273.140	41732.258	46433.977		
30.443	31.575	23.962	1.021	14.689				

8/13/2016 6:15:00 PM	245700.000		121.274		19.699		273.181		41745.422		46448.105
30.453	31.585	23.955		1.021		14.689					
8/13/2016 6:30:00 PM	246600.000		121.297		19.698		273.234		41780.125		46488.359
30.483	31.612	23.935		1.021		14.689					
8/13/2016 6:45:00 PM	247500.000		121.311		19.696		273.264		41742.645		46447.672
30.453	31.584	23.956		1.021		14.690					
8/13/2016 7:00:00 PM	248400.000		121.324		19.698		273.293		41746.695		46451.164
30.455	31.587	23.954		1.021		14.693					
8/13/2016 7:15:00 PM	249300.000		121.330		19.699		273.309		41783.430		46490.137
30.484	31.613	23.933		1.021		14.695					
8/13/2016 7:30:00 PM	250200.000		121.348		19.698		273.348		41742.344		46446.230
30.452	31.583	23.956		1.021		14.690					
8/13/2016 7:45:00 PM	251100.000		121.357		19.699		273.370		41731.934		46432.938
30.442	31.574	23.962		1.021		14.687					
8/13/2016 8:00:00 PM	252000.000		121.361		19.699		273.377		41770.098		46475.477
30.473	31.603	23.941		1.021		14.688					
8/13/2016 8:15:00 PM	252900.000		121.367		19.698		273.390		41770.742		46477.652
30.475	31.605	23.940		1.021		14.686					
8/13/2016 8:30:00 PM	253800.000		121.359		19.698		273.373		41754.883		46460.184
30.462	31.593	23.949		1.021		14.688					
8/13/2016 8:45:00 PM	254700.000		121.349		19.699		273.350		41765.488		46470.777
30.470	31.600	23.943		1.021		14.692					
8/13/2016 9:00:00 PM	255600.000		121.338		19.699		273.325		41768.152		46473.141
30.472	31.602	23.942		1.021		14.691					
8/13/2016 9:15:00 PM	256500.000		121.324		19.699		273.295		41749.453		46452.434
30.456	31.588	23.952		1.021		14.693					
8/13/2016 9:30:00 PM	257400.000		121.309		19.701		273.261		41740.656		46441.086
30.448	31.580	23.957		1.021		14.693					
8/13/2016 9:45:00 PM	258300.000		121.286		19.701		273.209		41758.180		46460.840
30.463	31.593	23.947		1.021		14.692					
8/13/2016 10:00:00 PM	259200.000		121.257		19.701		273.142		41768.473		46471.688
30.471	31.601	23.942		1.021		14.696					
8/13/2016 10:15:00 PM	260100.000		121.225		19.702		273.072		41775.910		46478.762
30.476	31.606	23.937		1.021		14.697					
8/13/2016 10:30:00 PM	261000.000		121.196		19.700		273.005		41746.773		46449.086
30.454	31.585	23.954		1.021		14.698					
8/13/2016 10:45:00 PM	261900.000		121.163		19.698		272.931		41714.270		46414.902
30.429	31.562	23.973		1.021		14.697					
8/13/2016 11:00:00 PM	262800.000		121.132		19.698		272.861		41727.105		46428.418
30.439	31.571	23.965		1.021		14.695					
8/13/2016 11:15:00 PM	263700.000		121.093		19.699		272.775		41754.230		46458.426
30.461	31.592	23.950		1.021		14.697					
8/13/2016 11:30:00 PM	264600.000		121.057		19.698		272.692		41770.496		46477.379
30.475	31.605	23.940		1.021		14.693					
8/13/2016 11:45:00 PM	265500.000		121.021		19.700		272.612		41729.207		46428.863
30.439	31.572	23.964		1.021		14.692					
8/14/2016 12:00:00 AM	266400.000		120.982		19.698		272.523		41727.320		46429.082
30.439	31.572	23.965		1.021		14.694					
8/14/2016 12:15:00 AM	267300.000		120.943		19.701		272.435		41767.617		46471.082
30.470	31.600	23.942		1.021		14.693					
8/14/2016 12:30:00 AM	268200.000		120.908		19.702		272.358		41741.426		46440.480

30.448	31.580	23.957	1.021	14.692				
8/14/2016 12:45:00 AM	269100.000	120.871	19.701	272.273	41777.590	46481.914		
30.478	31.608	23.936	1.021	14.690				
8/14/2016 1:00:00 AM	270000.000	120.834	19.701	272.189	41751.270	46452.984		
30.457	31.588	23.951	1.021	14.694				
8/14/2016 1:15:00 AM	270900.000	120.805	19.701	272.125	41755.547	46457.230		
30.460	31.591	23.949	1.021	14.690				
8/14/2016 1:30:00 AM	271800.000	120.774	19.701	272.056	41751.078	46453.020		
30.457	31.588	23.951	1.021	14.689				
8/14/2016 1:45:00 AM	272700.000	120.742	19.700	271.984	41770.102	46474.531		
30.473	31.603	23.941	1.021	14.691				
8/14/2016 2:00:00 AM	273600.000	120.719	19.701	271.931	41790.590	46496.121		
30.488	31.617	23.929	1.021	14.688				
8/14/2016 2:15:00 AM	274500.000	120.694	19.702	271.875	41734.227	46432.563		
30.442	31.574	23.961	1.021	14.687				
8/14/2016 2:30:00 AM	275400.000	120.685	19.699	271.854	41733.285	46434.602		
30.443	31.576	23.962	1.021	14.686				
8/14/2016 2:45:00 AM	276300.000	120.670	19.701	271.820	41775.266	46479.418		
30.476	31.606	23.938	1.021	14.683				
8/14/2016 3:00:00 AM	277200.000	120.663	19.701	271.804	41761.875	46464.949		
30.466	31.596	23.945	1.021	14.679				
8/14/2016 3:15:00 AM	278100.000	120.657	19.701	271.792	41775.012	46479.133		
30.476	31.606	23.938	1.021	14.676				
8/14/2016 3:30:00 AM	279000.000	120.653	19.699	271.782	41743.770	46446.266		
30.452	31.583	23.956	1.021	14.680				
8/14/2016 3:45:00 AM	279900.000	120.652	19.700	271.780	41771.414	46476.348		
30.474	31.604	23.940	1.021	14.678				
8/14/2016 4:00:00 AM	280800.000	120.651	19.700	271.779	41744.184	46446.207		
30.452	31.583	23.955	1.021	14.684				
8/14/2016 4:15:00 AM	281700.000	120.660	19.698	271.798	41755.520	46460.121		
30.462	31.593	23.949	1.021	14.684				
8/14/2016 4:30:00 AM	282600.000	120.677	19.699	271.837	41743.887	46446.313		
30.452	31.583	23.956	1.021	14.684				
8/14/2016 4:45:00 AM	283500.000	120.688	19.702	271.862	41749.664	46449.984		
30.455	31.586	23.952	1.021	14.683				
8/14/2016 5:00:00 AM	284400.000	120.709	19.703	271.910	41723.996	46420.910		
30.434	31.566	23.967	1.021	14.681				
8/14/2016 5:15:00 AM	285300.000	120.726	19.702	271.948	41752.613	46452.926		
30.457	31.588	23.951	1.021	14.687				
8/14/2016 5:30:00 AM	286200.000	120.749	19.701	272.000	41749.469	46450.891		
30.455	31.587	23.952	1.021	14.685				
8/14/2016 5:45:00 AM	287100.000	120.772	19.701	272.050	41738.582	46438.695		
30.446	31.578	23.959	1.021	14.689				
8/14/2016 6:00:00 AM	288000.000	120.797	19.700	272.106	41770.344	46474.543		
30.473	31.603	23.940	1.021	14.687				
8/14/2016 6:15:00 AM	288900.000	120.819	19.701	272.158	41752.590	46454.363		
30.458	31.589	23.951	1.021	14.697				
8/14/2016 6:30:00 AM	289800.000	120.846	19.699	272.218	41753.273	46457.359		
30.460	31.591	23.950	1.021	14.692				
8/14/2016 6:45:00 AM	290700.000	120.877	19.698	272.287	41733.914	46436.598		
30.445	31.577	23.961	1.021	14.693				

8/14/2016 7:00:00 AM	291600.000		120.903		19.699		272.346		41738.059		46440.172
30.447	31.579	23.959		1.021		14.696					
8/14/2016 7:15:00 AM	292500.000		120.924		19.698		272.393		41755.555		46460.754
30.462	31.593	23.949		1.021		14.700					
8/14/2016 7:30:00 AM	293400.000		120.960		19.698		272.474		41756.746		46461.563
30.463	31.594	23.948		1.021		14.689					
8/14/2016 7:45:00 AM	294300.000		120.979		19.699		272.516		41731.910		46432.914
30.442	31.574	23.962		1.021		14.697					
8/14/2016 8:00:00 AM	295200.000		121.003		19.698		272.571		41730.234		46432.066
30.442	31.574	23.963		1.021		14.695					
8/14/2016 8:15:00 AM	296100.000		121.018		19.696		272.604		41760.336		46467.719
30.467	31.598	23.946		1.021		14.702					
8/14/2016 8:30:00 AM	297000.000		121.031		19.696		272.635		41769.375		46477.688
30.475	31.605	23.941		1.021		14.702					
8/14/2016 8:45:00 AM	297900.000		121.050		19.697		272.678		41774.840		46482.645
30.478	31.608	23.938		1.021		14.704					
8/14/2016 9:00:00 AM	298800.000		121.063		19.697		272.706		41769.453		46476.824
30.474	31.604	23.941		1.021		14.703					
8/14/2016 9:15:00 AM	299700.000		121.075		19.696		272.733		41721.207		46424.430
30.436	31.569	23.969		1.021		14.703					
8/14/2016 9:30:00 AM	300600.000		121.085		19.695		272.756		41761.141		46469.473
30.469	31.599	23.946		1.021		14.701					
8/14/2016 9:45:00 AM	301500.000		121.090		19.696		272.767		41750.875		46457.012
30.460	31.591	23.952		1.021		14.705					
8/14/2016 10:00:00 AM	302400.000		121.086		19.697		272.759		41748.711		46453.480
30.457	31.588	23.953		1.021		14.711					
8/14/2016 10:15:00 AM	303300.000		121.085		19.699		272.755		41772.801		46478.648
30.476	31.605	23.939		1.021		14.712					
8/14/2016 10:30:00 AM	304200.000		121.089		19.698		272.764		41760.020		46465.207
30.466	31.596	23.946		1.021		14.704					
8/14/2016 10:45:00 AM	305100.000		121.085		19.698		272.755		41749.273		46453.586
30.457	31.588	23.953		1.021		14.709					
8/14/2016 11:00:00 AM	306000.000		121.078		19.696		272.740		41747.371		46453.723
30.457	31.589	23.954		1.021		14.708					
8/14/2016 11:15:00 AM	306900.000		121.069		19.699		272.719		41756.066		46460.129
30.462	31.593	23.949		1.021		14.704					
8/14/2016 11:30:00 AM	307800.000		121.062		19.701		272.704		41753.738		46455.980
30.459	31.590	23.950		1.021		14.703					
8/14/2016 11:45:00 AM	308700.000		121.055		19.700		272.688		41764.637		46468.625
30.468	31.599	23.944		1.021		14.703					
8/14/2016 12:00:00 PM	309600.000		121.069		19.701		272.720		41756.230		46458.504
30.461	31.592	23.949		1.021		14.706					
8/14/2016 12:15:00 PM	310500.000		121.024		19.701		272.618		41760.152		46462.258
30.464	31.594	23.946		1.021		14.703					
8/14/2016 12:30:00 PM	311400.000		121.019		19.698		272.607		41761.176		46466.414
30.467	31.597	23.946		1.021		14.699					
8/14/2016 12:45:00 PM	312300.000		121.005		19.701		272.575		41786.129		46491.414
30.485	31.614	23.931		1.021		14.704					
8/14/2016 1:00:00 PM	313200.000		121.004		19.702		272.573		41739.645		46438.836
30.447	31.578	23.958		1.021		14.695					
8/14/2016 1:15:00 PM	314100.000		120.987		19.701		272.535		41762.039		46464.355

30.465	31.596	23.945	1.021	14.701				
8/14/2016 1:30:00 PM	315000.000	120.983	19.699	272.525	41767.395	46472.898		
30.471	31.602	23.942	1.021	14.698				
8/14/2016 1:45:00 PM	315900.000	120.973	19.701	272.504	41738.449	46438.281		
30.446	31.578	23.959	1.021	14.705				
8/14/2016 2:00:00 PM	316800.000	120.975	19.701	272.509	41728.316	46426.836		
30.438	31.570	23.965	1.021	14.699				
8/14/2016 2:15:00 PM	317700.000	120.980	19.699	272.520	41744.539	46447.121		
30.453	31.584	23.955	1.021	14.691				
8/14/2016 2:30:00 PM	318600.000	120.972	19.699	272.501	41714.590	46413.543		
30.428	31.561	23.972	1.021	14.697				
8/14/2016 2:45:00 PM	319500.000	120.977	19.699	272.514	41728.316	46429.156		
30.439	31.572	23.965	1.021	14.698				
8/14/2016 3:00:00 PM	320400.000	120.982	19.699	272.524	41749.930	46452.863		
30.457	31.588	23.952	1.021	14.691				
8/14/2016 3:15:00 PM	321300.000	120.993	19.699	272.548	41720.180	46420.281		
30.433	31.566	23.969	1.021	14.690				
8/14/2016 3:30:00 PM	322200.000	121.002	19.699	272.568	41738.477	46440.723		
30.448	31.580	23.959	1.021	14.691				
8/14/2016 3:45:00 PM	323100.000	121.010	19.701	272.586	41733.039	46432.262		
30.442	31.574	23.962	1.021	14.692				
8/14/2016 4:00:00 PM	324000.000	121.035	19.700	272.644	41777.367	46482.969		
30.479	31.608	23.936	1.021	14.686				
8/14/2016 4:15:00 PM	324900.000	121.042	19.700	272.659	41728.742	46429.023		
30.439	31.572	23.964	1.021	14.693				
8/14/2016 4:30:00 PM	325800.000	121.075	19.699	272.734	41720.188	46420.371		
30.433	31.566	23.969	1.021	14.683				
8/14/2016 4:45:00 PM	326700.000	121.093	19.699	272.773	41757.824	46462.504		
30.464	31.595	23.948	1.021	14.685				
8/14/2016 5:00:00 PM	327600.000	121.108	19.698	272.809	41727.754	46429.820		
30.440	31.572	23.965	1.021	14.691				
8/14/2016 5:15:00 PM	328500.000	121.143	19.702	272.886	41755.426	46455.973		
30.459	31.590	23.949	1.021	14.689				
8/14/2016 5:30:00 PM	329400.000	121.171	19.702	272.950	41741.672	46441.090		
30.448	31.580	23.957	1.021	14.686				
8/14/2016 5:45:00 PM	330300.000	121.192	19.700	272.997	41762.211	46466.262		
30.467	31.597	23.945	1.021	14.686				
8/14/2016 6:00:00 PM	331200.000	121.224	19.700	273.070	41780.809	46486.188		
30.481	31.611	23.934	1.021	14.688				
8/14/2016 6:15:00 PM	332100.000	121.244	19.700	273.115	41730.723	46430.719		
30.441	31.573	23.963	1.021	14.688				
8/14/2016 6:30:00 PM	333000.000	121.273	19.702	273.179	41760.652	46462.391		
30.464	31.594	23.946	1.021	14.684				
8/14/2016 6:45:00 PM	333900.000	121.300	19.701	273.239	41761.102	46463.750		
30.465	31.595	23.946	1.021	14.683				
8/14/2016 7:00:00 PM	334800.000	121.322	19.701	273.289	41772.066	46475.684		
30.474	31.603	23.939	1.021	14.685				
8/14/2016 7:15:00 PM	335700.000	121.345	19.700	273.341	41743.625	46445.074		
30.451	31.583	23.956	1.021	14.687				
8/14/2016 7:30:00 PM	336600.000	121.361	19.699	273.377	41744.141	46446.859		
30.452	31.584	23.955	1.021	14.686				

8/14/2016 7:45:00 PM	337500.000		121.379		19.700		273.417		41775.605		46481.348
30.478	31.607	23.937		1.021		14.686					
8/14/2016 8:00:00 PM	338400.000		121.390		19.700		273.443		41784.328		46490.871
30.485	31.614	23.932		1.021		14.689					
8/14/2016 8:15:00 PM	339300.000		121.400		19.701		273.466		41737.531		46437.344
30.445	31.577	23.959		1.021		14.688					
8/14/2016 8:30:00 PM	340200.000		121.404		19.701		273.474		41762.418		46465.637
30.466	31.597	23.945		1.021		14.694					
8/14/2016 8:45:00 PM	341100.000		121.409		19.701		273.485		41768.707		46471.773
30.471	31.601	23.941		1.021		14.690					
8/14/2016 9:00:00 PM	342000.000		121.399		19.701		273.464		41751.172		46452.438
30.457	31.588	23.951		1.021		14.700					
8/14/2016 9:15:00 PM	342900.000		121.401		19.702		273.468		41742.215		46441.539
30.449	31.580	23.957		1.021		14.696					
8/14/2016 9:30:00 PM	343800.000		121.385		19.701		273.431		41753.660		46455.133
30.459	31.589	23.950		1.021		14.698					
8/14/2016 9:45:00 PM	344700.000		121.372		19.704		273.403		41754.570		46453.645
30.458	31.588	23.949		1.021		14.698					
8/14/2016 10:00:00 PM	345600.000		121.356		19.700		273.367		41711.664		46409.602
30.425	31.559	23.974		1.021		14.699					
8/14/2016 10:15:00 PM	346500.000		121.332		19.701		273.312		41747.254		46447.906
30.453	31.585	23.954		1.021		14.698					
8/14/2016 10:30:00 PM	347400.000		121.310		19.702		273.262		41802.992		46509.070
30.498	31.626	23.922		1.021		14.700					
8/14/2016 10:45:00 PM	348300.000		121.277		19.701		273.187		41763.270		46466.500
30.467	31.597	23.944		1.021		14.700					
8/14/2016 11:00:00 PM	349200.000		121.247		19.699		273.121		41725.582		46426.375
30.437	31.570	23.966		1.021		14.701					
8/14/2016 11:15:00 PM	350100.000		121.212		19.700		273.041		41741.281		46442.555
30.449	31.581	23.957		1.021		14.700					
8/14/2016 11:30:00 PM	351000.000		121.173		19.699		272.953		41753.656		46457.109
30.460	31.591	23.950		1.021		14.700					
8/14/2016 11:45:00 PM	351900.000		121.130		19.700		272.858		41751.910		46454.289
30.458	31.589	23.951		1.021		14.698					
8/15/2016 12:00:00 AM	352800.000		121.088		19.701		272.762		41752.855		46454.996
30.458	31.589	23.950		1.021		14.705					
8/15/2016 12:15:00 AM	353700.000		121.049		19.702		272.674		41710.988		46407.301
30.424	31.557	23.974		1.021		14.703					
8/15/2016 12:30:00 AM	354600.000		121.005		19.701		272.576		41757.699		46460.219
30.462	31.593	23.948		1.021		14.704					
8/15/2016 12:45:00 AM	355500.000		120.952		19.701		272.456		41735.145		46434.953
30.444	31.576	23.961		1.021		14.712					
8/15/2016 1:00:00 AM	356400.000		120.917		19.699		272.378		41744.109		46446.906
30.452	31.584	23.955		1.021		14.706					
8/15/2016 1:15:00 AM	357300.000		120.873		19.700		272.279		41743.746		46445.563
30.451	31.583	23.956		1.021		14.709					
8/15/2016 1:30:00 AM	358200.000		120.836		19.701		272.196		41768.219		46471.578
30.471	31.601	23.942		1.021		14.707					
8/15/2016 1:45:00 AM	359100.000		120.796		19.703		272.105		41741.844		46440.426
30.448	31.579	23.957		1.021		14.707					
8/15/2016 2:00:00 AM	360000.000		120.764		19.704		272.033		41724.008		46419.723

30.433	31.565	23.967	1.021	14.704				
8/15/2016 2:15:00 AM	360900.000	120.732	19.704	271.960	41767.867	46468.098		
30.468	31.598	23.942	1.021	14.702				
8/15/2016 2:30:00 AM	361800.000	120.703	19.704	271.896	41738.395	46435.730		
30.444	31.576	23.959	1.021	14.703				
8/15/2016 2:45:00 AM	362700.000	120.689	19.705	271.864	41777.887	46478.801		
30.476	31.606	23.936	1.021	14.698				
8/15/2016 3:00:00 AM	363600.000	120.661	19.703	271.800	41753.016	46452.340		
30.457	31.588	23.950	1.021	14.698				
8/15/2016 3:15:00 AM	364500.000	120.641	19.703	271.756	41782.957	46485.910		
30.481	31.610	23.933	1.021	14.698				
8/15/2016 3:30:00 AM	365400.000	120.634	19.703	271.739	41761.387	46462.266		
30.464	31.594	23.946	1.021	14.695				
8/15/2016 3:45:00 AM	366300.000	120.622	19.703	271.713	41760.875	46461.695		
30.463	31.594	23.946	1.021	14.699				
8/15/2016 4:00:00 AM	367200.000	120.612	19.701	271.691	41722.758	46420.652		
30.433	31.566	23.968	1.021	14.697				
8/15/2016 4:15:00 AM	368100.000	120.614	19.704	271.695	41774.773	46475.699		
30.474	31.603	23.938	1.021	14.699				
8/15/2016 4:30:00 AM	369000.000	120.615	19.704	271.697	41757.477	46456.539		
30.460	31.590	23.948	1.021	14.701				
8/15/2016 4:45:00 AM	369900.000	120.626	19.701	271.723	41745.723	46446.895		
30.452	31.584	23.955	1.021	14.700				
8/15/2016 5:00:00 AM	370800.000	120.638	19.702	271.750	41733.742	46432.363		
30.442	31.574	23.961	1.021	14.702				
8/15/2016 5:15:00 AM	371700.000	120.652	19.700	271.779	41754.320	46456.973		
30.460	31.591	23.950	1.021	14.704				
8/15/2016 5:30:00 AM	372600.000	120.666	19.701	271.812	41740.262	46440.297		
30.448	31.579	23.958	1.021	14.707				
8/15/2016 5:45:00 AM	373500.000	120.697	19.702	271.882	41765.672	46467.711		
30.468	31.598	23.943	1.021	14.700				
8/15/2016 6:00:00 AM	374400.000	120.720	19.700	271.932	41743.703	46445.332		
30.451	31.583	23.956	1.021	14.705				
8/15/2016 6:15:00 AM	375300.000	120.758	19.701	272.019	41750.855	46452.773		
30.457	31.588	23.952	1.021	14.696				
8/15/2016 6:30:00 AM	376200.000	120.781	19.702	272.071	41767.254	46469.734		
30.469	31.599	23.942	1.021	14.705				
8/15/2016 6:45:00 AM	377100.000	120.808	19.701	272.131	41785.789	46491.559		
30.485	31.614	23.932	1.021	14.708				
8/15/2016 7:00:00 AM	378000.000	120.838	19.702	272.200	41765.734	46467.523		
30.468	31.598	23.943	1.021	14.712				
8/15/2016 7:15:00 AM	378900.000	120.871	19.701	272.274	41755.406	46456.977		
30.460	31.591	23.949	1.021	14.713				
8/15/2016 7:30:00 AM	379800.000	120.899	19.703	272.337	41734.254	46432.078		
30.442	31.574	23.961	1.021	14.717				
8/15/2016 7:45:00 AM	380700.000	120.936	19.699	272.421	41770.617	46476.137		
30.474	31.604	23.940	1.021	14.715				
8/15/2016 8:00:00 AM	381600.000	120.993	19.699	272.548	41758.715	46462.813		
30.464	31.595	23.947	1.021	14.720				
8/15/2016 8:15:00 AM	382500.000	120.992	19.699	272.546	41727.309	46428.211		
30.439	31.571	23.965	1.021	14.719				

8/15/2016 8:30:00 AM	383400.000		121.018		19.699		272.604		41770.746		46476.199
30.474	31.604	23.940		1.021		14.719					
8/15/2016 8:45:00 AM	384300.000		121.046		19.702		272.668		41763.168		46464.762
30.466	31.596	23.945		1.021		14.719					
8/15/2016 9:00:00 AM	385200.000		121.066		19.702		272.714		41756.859		46458.422
30.461	31.592	23.948		1.021		14.722					
8/15/2016 9:15:00 AM	386100.000		121.085		19.699		272.756		41734.129		46436.141
30.444	31.577	23.961		1.021		14.724					
8/15/2016 9:30:00 AM	387000.000		121.103		19.698		272.797		41744.109		46447.504
30.453	31.584	23.955		1.021		14.726					
8/15/2016 9:45:00 AM	387900.000		121.121		19.700		272.838		41751.359		46453.422
30.457	31.588	23.951		1.021		14.725					
8/15/2016 10:00:00 AM	388800.000		121.123		19.699		272.842		41761.863		46466.918
30.467	31.598	23.945		1.021		14.726					
8/15/2016 10:15:00 AM	389700.000		121.132		19.699		272.862		41738.703		46441.230
30.448	31.580	23.959		1.021		14.726					
8/15/2016 10:30:00 AM	390600.000		121.137		19.698		272.872		41752.887		46457.785
30.460	31.591	23.950		1.021		14.732					
8/15/2016 10:45:00 AM	391500.000		121.143		19.698		272.886		41738.582		46441.789
30.449	31.580	23.959		1.021		14.731					
8/15/2016 11:00:00 AM	392400.000		121.147		19.697		272.895		41766.648		46474.223
30.472	31.602	23.943		1.021		14.728					
8/15/2016 11:15:00 AM	393300.000		121.135		19.700		272.868		41776.332		46481.637
30.478	31.608	23.937		1.021		14.734					
8/15/2016 11:30:00 AM	394200.000		121.128		19.700		272.853		41744.191		46445.793
30.452	31.583	23.955		1.021		14.731					
8/15/2016 11:45:00 AM	395100.000		121.121		19.696		272.837		41757.676		46464.578
30.465	31.596	23.948		1.021		14.729					
8/15/2016 12:00:00 PM	396000.000		121.105		19.701		272.802		41754.430		46455.988
30.459	31.590	23.950		1.021		14.726					
8/15/2016 12:15:00 PM	396900.000		121.097		19.699		272.783		41756.645		46461.113
30.463	31.594	23.948		1.021		14.727					
8/15/2016 12:30:00 PM	397800.000		121.093		19.697		272.774		41755.184		46460.773
30.462	31.593	23.949		1.021		14.722					
8/15/2016 12:45:00 PM	398700.000		121.078		19.700		272.740		41760.965		46464.367
30.465	31.596	23.946		1.021		14.717					
8/15/2016 1:00:00 PM	399600.000		121.069		19.701		272.719		41719.691		46418.098
30.431	31.564	23.969		1.021		14.714					
8/15/2016 1:15:00 PM	400500.000		121.041		19.701		272.657		41751.914		46453.438
30.457	31.588	23.951		1.021		14.723					
8/15/2016 1:30:00 PM	401400.000		121.032		19.699		272.637		41729.289		46429.898
30.440	31.572	23.964		1.021		14.720					
8/15/2016 1:45:00 PM	402300.000		121.026		19.701		272.622		41756.508		46458.457
30.461	31.592	23.948		1.021		14.714					
8/15/2016 2:00:00 PM	403200.000		121.005		19.702		272.576		41725.395		46423.504
30.435	31.568	23.966		1.021		14.721					
8/15/2016 2:15:00 PM	404100.000		121.009		19.700		272.585		41766.711		46470.684
30.470	31.600	23.943		1.021		14.716					
8/15/2016 2:30:00 PM	405000.000		120.992		19.700		272.546		41744.621		46446.609
30.452	31.584	23.955		1.021		14.721					
8/15/2016 2:45:00 PM	405900.000		120.984		19.700		272.528		41775.324		46480.953

30.477	31.607	23.938	1.021	14.720				
8/15/2016 3:00:00 PM	406800.000	120.993	19.700	272.549	41742.590	46443.922		
30.450	31.582	23.956	1.021	14.714				
8/15/2016 3:15:00 PM	407700.000	120.998	19.702	272.560	41746.418	46446.719		
30.452	31.584	23.954	1.021	14.709				
8/15/2016 3:30:00 PM	408600.000	120.995	19.699	272.552	41741.402	46443.633		
30.450	31.582	23.957	1.021	14.716				
8/15/2016 3:45:00 PM	409500.000	121.006	19.700	272.579	41772.480	46477.441		
30.475	31.605	23.939	1.021	14.707				
8/15/2016 4:00:00 PM	410400.000	121.008	19.703	272.583	41752.211	46451.961		
30.456	31.587	23.951	1.021	14.710				
8/15/2016 4:15:00 PM	411300.000	121.024	19.700	272.618	41754.414	46457.590		
30.460	31.591	23.950	1.021	14.709				
8/15/2016 4:30:00 PM	412200.000	121.036	19.700	272.646	41764.891	46469.160		
30.469	31.599	23.944	1.021	14.707				
8/15/2016 4:45:00 PM	413100.000	121.057	19.698	272.693	41764.332	46469.836		
30.469	31.599	23.944	1.021	14.703				
8/15/2016 5:00:00 PM	414000.000	121.078	19.698	272.740	41751.906	46456.871		
30.460	31.591	23.951	1.021	14.702				
8/15/2016 5:15:00 PM	414900.000	121.100	19.699	272.790	41760.785	46465.199		
30.466	31.596	23.946	1.021	14.706				
8/15/2016 5:30:00 PM	415800.000	121.125	19.700	272.845	41772.684	46477.758		
30.475	31.605	23.939	1.021	14.706				
8/15/2016 5:45:00 PM	416700.000	121.161	19.700	272.927	41778.813	46484.223		
30.480	31.609	23.936	1.021	14.702				
8/15/2016 6:00:00 PM	417600.000	121.179	19.697	272.967	41732.496	46435.957		
30.444	31.576	23.962	1.021	14.706				
8/15/2016 6:15:00 PM	418500.000	121.211	19.699	273.040	41736.961	46438.605		
30.446	31.578	23.960	1.021	14.699				
8/15/2016 6:30:00 PM	419400.000	121.239	19.702	273.102	41790.414	46495.504		
30.488	31.617	23.929	1.021	14.701				
8/15/2016 6:45:00 PM	420300.000	121.266	19.702	273.163	41749.289	46449.996		
30.455	31.586	23.953	1.021	14.702				
8/15/2016 7:00:00 PM	421200.000	121.302	19.701	273.245	41773.996	46478.438		
30.476	31.605	23.938	1.021	14.700				
8/15/2016 7:15:00 PM	422100.000	121.331	19.704	273.309	41743.887	46441.238		
30.448	31.580	23.956	1.021	14.700				
8/15/2016 7:30:00 PM	423000.000	121.358	19.702	273.370	41753.238	46454.480		
30.458	31.589	23.950	1.021	14.698				
8/15/2016 7:45:00 PM	423900.000	121.385	19.699	273.432	41736.598	46438.723		
30.446	31.578	23.960	1.021	14.701				
8/15/2016 8:00:00 PM	424800.000	121.405	19.700	273.477	41756.805	46459.480		
30.462	31.592	23.948	1.021	14.704				
8/15/2016 8:15:00 PM	425700.000	121.426	19.700	273.524	41749.324	46451.926		
30.456	31.587	23.952	1.021	14.703				
8/15/2016 8:30:00 PM	426600.000	121.444	19.700	273.564	41783.637	46489.855		
30.484	31.613	23.933	1.021	14.704				
8/15/2016 8:45:00 PM	427500.000	121.460	19.700	273.600	41767.559	46471.629		
30.471	31.601	23.942	1.021	14.703				
8/15/2016 9:00:00 PM	428400.000	121.470	19.702	273.623	41763.793	46465.797		
30.466	31.597	23.944	1.021	14.705				

8/15/2016 9:15:00 PM	429300.000		121.476		19.700		273.638		41764.324		46467.938
30.468	31.598	23.944		1.021		14.701					
8/15/2016 9:30:00 PM	430200.000		121.478		19.700		273.640		41736.977		46438.031
30.446	31.578	23.960		1.021		14.708					
8/15/2016 9:45:00 PM	431100.000		121.466		19.698		273.615		41747.301		46451.055
30.455	31.587	23.954		1.021		14.713					
8/15/2016 10:00:00 PM	432000.000		121.463		19.700		273.607		41760.273		46463.598
30.465	31.595	23.946		1.021		14.709					
8/15/2016 10:15:00 PM	432900.000		121.447		19.699		273.572		41745.496		46448.625
30.454	31.585	23.955		1.021		14.713					
8/15/2016 10:30:00 PM	433800.000		121.431		19.701		273.535		41742.328		46443.203
30.450	31.581	23.956		1.021		14.709					
8/15/2016 10:45:00 PM	434700.000		121.416		19.701		273.501		41737.469		46437.797
30.446	31.578	23.959		1.021		14.705					
8/15/2016 11:00:00 PM	435600.000		121.387		19.702		273.437		41746.523		46446.582
30.452	31.584	23.954		1.021		14.702					
8/15/2016 11:15:00 PM	436500.000		121.357		19.701		273.368		41737.289		46436.918
30.445	31.577	23.959		1.021		14.700					
8/15/2016 11:30:00 PM	437400.000		121.323		19.700		273.291		41757.434		46461.129
30.463	31.594	23.948		1.021		14.706					
8/15/2016 11:45:00 PM	438300.000		121.287		19.700		273.211		41744.762		46446.512
30.452	31.584	23.955		1.021		14.701					
8/16/2016 12:00:00 AM	439200.000		121.240		19.699		273.105		41771.945		46477.613
30.475	31.605	23.940		1.021		14.705					
8/16/2016 12:15:00 AM	440100.000		121.197		19.701		273.009		41753.734		46455.727
30.459	31.590	23.950		1.021		14.705					
8/16/2016 12:30:00 AM	441000.000		121.152		19.702		272.907		41736.961		46435.605
30.444	31.576	23.960		1.021		14.705					
8/16/2016 12:45:00 AM	441900.000		121.107		19.702		272.806		41784.215		46488.340
30.483	31.612	23.932		1.021		14.704					
8/16/2016 1:00:00 AM	442800.000		121.066		19.701		272.712		41781.363		46486.199
30.481	31.611	23.934		1.021		14.703					
8/16/2016 1:15:00 AM	443700.000		121.019		19.700		272.607		41741.238		46442.250
30.449	31.581	23.957		1.021		14.699					
8/16/2016 1:30:00 AM	444600.000		120.970		19.699		272.496		41772.469		46478.379
30.475	31.605	23.939		1.021		14.699					
8/16/2016 1:45:00 AM	445500.000		120.924		19.700		272.393		41791.410		46498.164
30.490	31.619	23.928		1.021		14.699					
8/16/2016 2:00:00 AM	446400.000		120.887		19.699		272.310		41767.500		46472.668
30.471	31.601	23.942		1.021		14.695					
8/16/2016 2:15:00 AM	447300.000		120.847		19.703		272.221		41755.605		46455.992
30.459	31.590	23.949		1.021		14.695					
8/16/2016 2:30:00 AM	448200.000		120.809		19.702		272.134		41769.012		46471.859
30.471	31.601	23.941		1.021		14.693					
8/16/2016 2:45:00 AM	449100.000		120.765		19.700		272.035		41795.840		46503.523
30.494	31.622	23.926		1.021		14.693					
8/16/2016 3:00:00 AM	450000.000		120.735		19.701		271.967		41769.098		46473.070
30.472	31.602	23.941		1.021		14.694					
8/16/2016 3:15:00 AM	450900.000		120.706		19.700		271.901		41770.203		46475.000
30.473	31.603	23.941		1.021		14.694					
8/16/2016 3:30:00 AM	451800.000		120.679		19.701		271.842		41781.355		46485.945

30.481	31.610	23.934	1.021	14.692				
8/16/2016 3:45:00 AM	452700.000	120.661	19.703	271.801	41753.840	46454.113		
30.458	31.589	23.950	1.021	14.687				
8/16/2016 4:00:00 AM	453600.000	120.638	19.702	271.750	41773.488	46476.152		
30.474	31.604	23.939	1.021	14.693				
8/16/2016 4:15:00 AM	454500.000	120.637	19.699	271.746	41787.270	46495.266		
30.488	31.617	23.931	1.021	14.685				
8/16/2016 4:30:00 AM	455400.000	120.611	19.701	271.689	41767.965	46471.293		
30.470	31.600	23.942	1.021	14.694				
8/16/2016 4:45:00 AM	456300.000	120.614	19.700	271.695	41758.777	46462.543		
30.464	31.595	23.947	1.021	14.689				
8/16/2016 5:00:00 AM	457200.000	120.619	19.702	271.706	41738.844	46437.863		
30.446	31.578	23.958	1.021	14.688				
8/16/2016 5:15:00 AM	458100.000	120.634	19.703	271.740	41778.305	46480.816		
30.477	31.607	23.936	1.021	14.680				
8/16/2016 5:30:00 AM	459000.000	120.633	19.703	271.738	41775.238	46477.676		
30.475	31.605	23.938	1.021	14.688				
8/16/2016 5:45:00 AM	459900.000	120.648	19.703	271.772	41767.781	46469.539		
30.469	31.599	23.942	1.021	14.693				
8/16/2016 6:00:00 AM	460800.000	120.665	19.704	271.809	41722.426	46417.965		
30.431	31.564	23.968	1.021	14.694				
8/16/2016 6:15:00 AM	461700.000	120.689	19.700	271.864	41719.492	46418.395		
30.432	31.565	23.970	1.021	14.692				
8/16/2016 6:30:00 AM	462600.000	120.714	19.699	271.921	41766.277	46471.309		
30.470	31.600	23.943	1.021	14.697				
8/16/2016 6:45:00 AM	463500.000	120.739	19.700	271.977	41758.332	46461.609		
30.463	31.594	23.947	1.021	14.697				
8/16/2016 7:00:00 AM	464400.000	120.777	19.702	272.062	41783.730	46488.234		
30.483	31.612	23.933	1.021	14.700				
8/16/2016 7:15:00 AM	465300.000	120.805	19.705	272.125	41753.781	46452.070		
30.456	31.587	23.950	1.021	14.701				
8/16/2016 7:30:00 AM	466200.000	120.836	19.701	272.194	41747.504	46448.355		
30.454	31.585	23.954	1.021	14.702				
8/16/2016 7:45:00 AM	467100.000	120.876	19.704	272.286	41756.094	46454.918		
30.458	31.589	23.949	1.021	14.703				
8/16/2016 8:00:00 AM	468000.000	120.912	19.706	272.366	41789.551	46490.660		
30.485	31.614	23.929	1.021	14.701				
8/16/2016 8:15:00 AM	468900.000	120.943	19.703	272.436	41773.965	46476.418		
30.474	31.604	23.938	1.021	14.703				
8/16/2016 8:30:00 AM	469800.000	120.979	19.698	272.517	41758.961	46464.125		
30.465	31.596	23.947	1.021	14.704				
8/16/2016 8:45:00 AM	470700.000	121.012	19.700	272.591	41769.355	46473.875		
30.472	31.602	23.941	1.021	14.704				
8/16/2016 9:00:00 AM	471600.000	121.038	19.700	272.650	41764.250	46468.191		
30.468	31.598	23.944	1.021	14.705				
8/16/2016 9:15:00 AM	472500.000	121.071	19.701	272.725	41766.598	46469.527		
30.469	31.599	23.943	1.021	14.702				
8/16/2016 9:30:00 AM	473400.000	121.084	19.702	272.753	41773.207	46476.609		
30.474	31.604	23.939	1.021	14.713				
8/16/2016 9:45:00 AM	474300.000	121.122	19.700	272.839	41732.961	46433.207		
30.442	31.575	23.962	1.021	14.699				

8/16/2016 10:00:00 AM	475200.000		121.143		19.701		272.886		41762.496		46465.641
30.466	31.597	23.945		1.021		14.698					
8/16/2016 10:15:00 AM	476100.000		121.154		19.700		272.911		41772.676		46477.824
30.475	31.605	23.939		1.021		14.702					
8/16/2016 10:30:00 AM	477000.000		121.162		19.700		272.929		41747.258		46448.859
30.454	31.585	23.954		1.021		14.703					
8/16/2016 10:45:00 AM	477900.000		121.174		19.702		272.957		41779.000		46482.285
30.478	31.608	23.935		1.021		14.701					
8/16/2016 11:00:00 AM	478800.000		121.176		19.700		272.960		41791.086		46498.488
30.490	31.619	23.929		1.021		14.706					
8/16/2016 11:15:00 AM	479700.000		121.175		19.700		272.960		41775.168		46480.340
30.477	31.607	23.938		1.021		14.709					
8/16/2016 11:30:00 AM	480600.000		121.184		19.701		272.979		41768.813		46472.066
30.471	31.601	23.941		1.021		14.697					
8/16/2016 11:45:00 AM	481500.000		121.176		19.702		272.960		41746.898		46447.254
30.453	31.584	23.954		1.021		14.703					
8/16/2016 12:00:00 PM	482400.000		121.160		19.698		272.925		41748.621		46452.785
30.457	31.588	23.953		1.021		14.707					
8/16/2016 12:15:00 PM	483300.000		121.153		19.698		272.909		41776.801		46483.977
30.479	31.609	23.937		1.021		14.705					
8/16/2016 12:30:00 PM	484200.000		121.143		19.698		272.887		41773.875		46480.547
30.477	31.607	23.938		1.021		14.708					
8/16/2016 12:45:00 PM	485100.000		121.136		19.700		272.871		41745.820		46447.688
30.453	31.584	23.954		1.021		14.701					
8/16/2016 1:00:00 PM	486000.000		121.108		19.699		272.809		41752.051		46455.660
30.459	31.590	23.951		1.021		14.709					
8/16/2016 1:15:00 PM	486900.000		121.089		19.699		272.765		41756.465		46460.992
30.463	31.593	23.948		1.021		14.708					
8/16/2016 1:30:00 PM	487800.000		121.081		19.698		272.747		41773.508		46480.652
30.477	31.607	23.939		1.021		14.704					
8/16/2016 1:45:00 PM	488700.000		121.061		19.701		272.703		41789.309		46495.305
30.488	31.617	23.930		1.021		14.708					
8/16/2016 2:00:00 PM	489600.000		121.046		19.702		272.667		41758.535		46459.695
30.462	31.593	23.947		1.021		14.703					
8/16/2016 2:15:00 PM	490500.000		121.023		19.701		272.615		41740.191		46440.047
30.447	31.579	23.958		1.021		14.708					
8/16/2016 2:30:00 PM	491400.000		121.016		19.703		272.600		41773.141		46475.426
30.473	31.603	23.939		1.021		14.699					
8/16/2016 2:45:00 PM	492300.000		121.005		19.700		272.576		41767.164		46471.008
30.470	31.600	23.942		1.021		14.697					
8/16/2016 3:00:00 PM	493200.000		120.992		19.699		272.547		41748.535		46451.566
30.456	31.587	23.953		1.021		14.696					
8/16/2016 3:15:00 PM	494100.000		120.986		19.699		272.533		41751.270		46454.609
30.458	31.589	23.951		1.021		14.693					
8/16/2016 3:30:00 PM	495000.000		120.977		19.700		272.512		41790.609		46497.438
30.489	31.618	23.929		1.021		14.693					
8/16/2016 3:45:00 PM	495900.000		120.975		19.699		272.507		41746.598		46449.496
30.454	31.586	23.954		1.021		14.693					
8/16/2016 4:00:00 PM	496800.000		120.978		19.697		272.514		41739.609		46443.617
30.450	31.582	23.958		1.021		14.690					
8/16/2016 4:15:00 PM	497700.000		120.978		19.699		272.515		41735.566		46437.055

30.445	31.577	23.960	1.021	14.691			
8/16/2016 4:30:00 PM	498600.000	120.983	19.700	272.526	41750.406	46453.129	
30.457	31.588	23.952	1.021	14.690			
8/16/2016 4:45:00 PM	499500.000	120.999	19.697	272.563	41738.891	46442.551	
30.449	31.581	23.958	1.021	14.687			
8/16/2016 5:00:00 PM	500400.000	121.003	19.697	272.571	41743.957	46448.543	
30.454	31.585	23.956	1.021	14.691			
8/16/2016 5:15:00 PM	501300.000	121.022	19.698	272.614	41736.238	46439.262	
30.447	31.579	23.960	1.021	14.689			
8/16/2016 5:30:00 PM	502200.000	121.045	19.699	272.666	41756.402	46460.758	
30.463	31.593	23.948	1.021	14.685			
8/16/2016 5:45:00 PM	503100.000	121.068	19.701	272.716	41797.207	46503.738	
30.494	31.623	23.925	1.021	14.681			
8/16/2016 6:00:00 PM	504000.000	121.091	19.699	272.768	41749.121	46451.965	
30.456	31.587	23.953	1.021	14.684			
8/16/2016 6:15:00 PM	504900.000	121.117	19.699	272.827	41748.332	46451.184	
30.456	31.587	23.953	1.021	14.680			
8/16/2016 6:30:00 PM	505800.000	121.151	19.698	272.905	41769.996	46476.484	
30.474	31.604	23.941	1.021	14.677			
8/16/2016 6:45:00 PM	506700.000	121.177	19.699	272.963	41732.258	46433.637	
30.443	31.575	23.962	1.021	14.679			
8/16/2016 7:00:00 PM	507600.000	121.243	19.699	273.113	41773.699	46480.086	
30.477	31.606	23.939	1.021	14.679			
8/16/2016 7:15:00 PM	508500.000	121.245	19.700	273.117	41764.324	46468.102	
30.468	31.598	23.944	1.021	14.681			
8/16/2016 7:30:00 PM	509400.000	121.273	19.700	273.180	41749.809	46452.645	
30.457	31.588	23.952	1.021	14.685			
8/16/2016 7:45:00 PM	510300.000	121.318	19.700	273.281	41765.188	46468.898	
30.469	31.599	23.943	1.021	14.682			
8/16/2016 8:00:00 PM	511200.000	121.348	19.701	273.348	41756.316	46458.684	
30.461	31.592	23.948	1.021	14.682			
8/16/2016 8:15:00 PM	512100.000	121.382	19.699	273.425	41771.887	46477.551	
30.475	31.605	23.940	1.021	14.679			
8/16/2016 8:30:00 PM	513000.000	121.405	19.700	273.476	41748.105	46450.484	
30.455	31.586	23.953	1.021	14.685			
8/16/2016 8:45:00 PM	513900.000	121.426	19.702	273.523	41763.148	46464.984	
30.466	31.596	23.945	1.021	14.690			
8/16/2016 9:00:00 PM	514800.000	121.449	19.701	273.575	41787.207	46492.703	
30.486	31.615	23.931	1.021	14.690			
8/16/2016 9:15:00 PM	515700.000	121.471	19.700	273.626	41791.063	46498.363	
30.490	31.619	23.929	1.021	14.691			
8/16/2016 9:30:00 PM	516600.000	121.480	19.699	273.646	41762.371	46467.484	
30.467	31.598	23.945	1.021	14.695			
8/16/2016 9:45:00 PM	517500.000	121.495	19.698	273.679	41770.270	46477.211	
30.474	31.605	23.940	1.021	14.690			
8/16/2016 10:00:00 PM	518400.000	121.491	19.702	273.671	41734.145	46432.898	
30.442	31.574	23.961	1.021	14.695			
8/16/2016 10:15:00 PM	519300.000	121.490	19.698	273.667	41784.613	46492.910	
30.486	31.615	23.932	1.021	14.696			
8/16/2016 10:30:00 PM	520200.000	121.492	19.699	273.673	41779.207	46485.695	
30.481	31.610	23.935	1.021	14.689			

8/16/2016 10:45:00 PM	521100.000		121.482		19.699	273.650	41770.547	46475.902
30.474	31.604	23.940		1.021		14.689		
8/16/2016 11:00:00 PM	522000.000		121.464		19.699	273.609	41783.668	46490.840
30.485	31.614	23.933		1.021		14.686		
8/16/2016 11:15:00 PM	522900.000		121.434		19.700	273.543	41778.207	46484.160
30.480	31.609	23.936		1.021		14.688		
8/16/2016 11:30:00 PM	523800.000		121.414		19.699	273.498	41762.020	46466.832
30.467	31.597	23.945		1.021		14.685		
8/16/2016 11:45:00 PM	524700.000		121.387		19.700	273.435	41757.398	46460.750
30.463	31.593	23.948		1.021		14.686		
8/17/2016 12:00:00 AM	525600.000		121.348		19.699	273.348	41743.688	46446.773
30.452	31.584	23.956		1.021		14.687		
8/17/2016 12:15:00 AM	526500.000		121.307		19.700	273.257	41798.801	46506.637
30.496	31.625	23.924		1.021		14.688		
8/17/2016 12:30:00 AM	527400.000		121.272		19.699	273.176	41754.762	46458.840
30.461	31.592	23.949		1.021		14.686		
8/17/2016 12:45:00 AM	528300.000		121.221		19.698	273.062	41743.914	46447.465
30.453	31.584	23.956		1.021		14.687		
8/17/2016 1:00:00 AM	529200.000		121.178		19.698	272.966	41763.156	46469.215
30.469	31.599	23.945		1.021		14.685		
8/17/2016 1:15:00 AM	530100.000		121.128		19.698	272.854	41766.797	46473.348
30.472	31.602	23.942		1.021		14.685		
8/17/2016 1:30:00 AM	531000.000		121.081		19.700	272.746	41783.352	46489.105
30.483	31.613	23.933		1.021		14.683		
8/17/2016 1:45:00 AM	531900.000		121.036		19.702	272.646	41763.590	46465.477
30.466	31.597	23.944		1.021		14.678		
8/17/2016 2:00:00 AM	532800.000		120.985		19.700	272.530	41752.984	46455.914
30.459	31.590	23.950		1.021		14.678		
8/17/2016 2:15:00 AM	533700.000		120.936		19.703	272.420	41793.332	46497.805
30.490	31.619	23.927		1.021		14.671		
8/17/2016 2:30:00 AM	534600.000		120.885		19.701	272.306	41729.035	46427.891
30.439	31.571	23.964		1.021		14.678		
8/17/2016 2:45:00 AM	535500.000		120.848		19.701	272.222	41772.863	46477.258
30.475	31.605	23.939		1.021		14.669		
8/17/2016 3:00:00 AM	536400.000		120.799		19.701	272.111	41756.313	46458.504
30.461	31.592	23.948		1.021		14.675		
8/17/2016 3:15:00 AM	537300.000		120.758		19.700	272.020	41734.918	46435.559
30.444	31.576	23.961		1.021		14.670		
8/17/2016 3:30:00 AM	538200.000		120.724		19.702	271.943	41740.445	46440.156
30.448	31.579	23.958		1.021		14.671		
8/17/2016 3:45:00 AM	539100.000		120.686		19.703	271.858	41781.602	46484.840
30.480	31.610	23.934		1.021		14.669		
8/17/2016 4:00:00 AM	540000.000		120.662		19.703	271.804	41763.391	46464.145
30.465	31.596	23.944		1.021		14.664		
8/17/2016 4:15:00 AM	540900.000		120.633		19.703	271.737	41752.434	46451.867
30.456	31.587	23.951		1.021		14.670		
8/17/2016 4:30:00 AM	541800.000		120.609		19.702	271.684	41759.254	46461.172
30.463	31.594	23.947		1.021		14.672		
8/17/2016 4:45:00 AM	542700.000		120.604		19.702	271.673	41769.141	46471.652
30.471	31.601	23.941		1.021		14.663		
8/17/2016 5:00:00 AM	543600.000		120.592		19.704	271.646	41772.797	46473.738

30.472	31.602	23.939	1.021	14.668				
8/17/2016 5:15:00 AM	544500.000	120.584	19.701	271.628	41781.133	46486.039		
30.481	31.611	23.934	1.021	14.664				
8/17/2016 5:30:00 AM	545400.000	120.611	19.701	271.688	41771.715	46475.293		
30.473	31.603	23.940	1.021	14.669				
8/17/2016 5:45:00 AM	546300.000	120.591	19.704	271.643	41775.398	46476.293		
30.474	31.604	23.938	1.021	14.664				
8/17/2016 6:00:00 AM	547200.000	120.599	19.703	271.661	41764.281	46465.309		
30.466	31.596	23.944	1.021	14.663				
8/17/2016 6:15:00 AM	548100.000	120.612	19.701	271.691	41781.180	46485.906		
30.481	31.610	23.934	1.021	14.668				
8/17/2016 6:30:00 AM	549000.000	120.626	19.704	271.722	41781.672	46483.531		
30.479	31.609	23.934	1.021	14.671				
8/17/2016 6:45:00 AM	549900.000	120.652	19.702	271.780	41767.551	46469.461		
30.469	31.599	23.942	1.021	14.672				
8/17/2016 7:00:00 AM	550800.000	120.676	19.702	271.834	41741.563	46441.234		
30.448	31.580	23.957	1.021	14.675				
8/17/2016 7:15:00 AM	551700.000	120.707	19.701	271.904	41776.867	46481.199		
30.478	31.607	23.937	1.021	14.674				
8/17/2016 7:30:00 AM	552600.000	120.733	19.701	271.962	41744.527	46444.973		
30.451	31.583	23.955	1.021	14.683				
8/17/2016 7:45:00 AM	553500.000	120.769	19.700	272.044	41782.363	46488.527		
30.483	31.612	23.934	1.021	14.681				
8/17/2016 8:00:00 AM	554400.000	120.809	19.702	272.135	41781.383	46485.273		
30.481	31.610	23.934	1.021	14.681				
8/17/2016 8:15:00 AM	555300.000	120.843	19.702	272.211	41767.719	46470.254		
30.470	31.600	23.942	1.021	14.686				
8/17/2016 8:30:00 AM	556200.000	120.877	19.702	272.288	41791.094	46496.172		
30.489	31.617	23.929	1.021	14.686				
8/17/2016 8:45:00 AM	557100.000	120.917	19.703	272.377	41744.910	46443.418		
30.450	31.582	23.955	1.021	14.684				
8/17/2016 9:00:00 AM	558000.000	120.951	19.701	272.454	41760.113	46462.469		
30.464	31.594	23.946	1.021	14.686				
8/17/2016 9:15:00 AM	558900.000	120.988	19.700	272.537	41749.387	46452.176		
30.456	31.587	23.952	1.021	14.681				
8/17/2016 9:30:00 AM	559800.000	121.024	19.699	272.618	41790.352	46498.617		
30.490	31.619	23.929	1.021	14.684				
8/17/2016 9:45:00 AM	560700.000	121.042	19.701	272.659	41751.117	46453.063		
30.457	31.588	23.951	1.021	14.686				
8/17/2016 10:00:00 AM	561600.000	121.085	19.700	272.756	41740.711	46441.574		
30.449	31.580	23.957	1.021	14.684				
8/17/2016 10:15:00 AM	562500.000	121.101	19.702	272.793	41781.250	46485.309		
30.481	31.610	23.934	1.021	14.684				
8/17/2016 10:30:00 AM	563400.000	121.122	19.702	272.838	41737.211	46436.223		
30.445	31.577	23.959	1.021	14.687				
8/17/2016 10:45:00 AM	564300.000	121.142	19.702	272.883	41770.941	46473.922		
30.472	31.602	23.940	1.021	14.684				
8/17/2016 11:00:00 AM	565200.000	121.155	19.703	272.913	41764.340	46464.941		
30.466	31.596	23.944	1.021	14.685				
8/17/2016 11:15:00 AM	566100.000	121.167	19.701	272.940	41763.484	46466.824		
30.467	31.597	23.944	1.021	14.682				

8/17/2016 11:30:00 AM	567000.000		121.172		19.701		272.952		41761.691		46464.406
30.465	31.596	23.945		1.021		14.683					
8/17/2016 11:45:00 AM	567900.000		121.173		19.701		272.955		41789.277		46495.098
30.488	31.617	23.930		1.021		14.680					
8/17/2016 12:00:00 PM	568800.000		121.176		19.699		272.960		41757.031		46460.938
30.463	31.593	23.948		1.021		14.677					
8/17/2016 12:15:00 PM	569700.000		121.167		19.701		272.941		41768.688		46471.926
30.471	31.601	23.941		1.021		14.679					
8/17/2016 12:30:00 PM	570600.000		121.147		19.699		272.895		41747.188		46450.066
30.455	31.586	23.954		1.021		14.693					
8/17/2016 12:45:00 PM	571500.000		121.143		19.700		272.887		41793.348		46500.660
30.492	31.620	23.927		1.021		14.683					
8/17/2016 1:00:00 PM	572400.000		121.131		19.698		272.859		41753.121		46457.969
30.460	31.591	23.950		1.021		14.676					
8/17/2016 1:15:00 PM	573300.000		121.117		19.701		272.828		41745.676		46446.926
30.452	31.584	23.955		1.021		14.679					
8/17/2016 1:30:00 PM	574200.000		121.103		19.699		272.796		41774.074		46479.727
30.476	31.606	23.938		1.021		14.669					
8/17/2016 1:45:00 PM	575100.000		121.076		19.701		272.736		41749.332		46451.078
30.456	31.587	23.952		1.021		14.673					
8/17/2016 2:00:00 PM	576000.000		121.065		19.700		272.712		41793.016		46500.539
30.492	31.620	23.927		1.021		14.668					
8/17/2016 2:15:00 PM	576900.000		121.034		19.700		272.640		41812.230		46521.832
30.507	31.635	23.916		1.021		14.675					
8/17/2016 2:30:00 PM	577800.000		121.005		19.701		272.577		41791.703		46497.457
30.489	31.618	23.928		1.021		14.680					
8/17/2016 2:45:00 PM	578700.000		120.986		19.702		272.533		41770.590		46473.266
30.472	31.602	23.940		1.021		14.674					
8/17/2016 3:00:00 PM	579600.000		121.005		19.699		272.575		41743.938		46446.535
30.452	31.584	23.956		1.021		14.671					
8/17/2016 3:15:00 PM	580500.000		120.955		19.704		272.463		41734.309		46431.441
30.441	31.573	23.961		1.021		14.671					
8/17/2016 3:30:00 PM	581400.000		120.940		19.701		272.428		41757.766		46460.461
30.462	31.593	23.948		1.021		14.668					
8/17/2016 3:45:00 PM	582300.000		120.925		19.701		272.396		41753.000		46454.992
30.458	31.589	23.950		1.021		14.669					
8/17/2016 4:00:00 PM	583200.000		120.909		19.701		272.360		41771.836		46475.695
30.474	31.603	23.940		1.021		14.668					
8/17/2016 4:15:00 PM	584100.000		120.914		19.700		272.371		41756.898		46460.195
30.462	31.593	23.948		1.021		14.659					
8/17/2016 4:30:00 PM	585000.000		120.909		19.700		272.360		41787.047		46493.898
30.487	31.616	23.931		1.021		14.662					
8/17/2016 4:45:00 PM	585900.000		120.911		19.699		272.364		41752.504		46455.727
30.459	31.590	23.951		1.021		14.660					
8/17/2016 5:00:00 PM	586800.000		120.906		19.700		272.352		41765.070		46469.023
30.469	31.599	23.943		1.021		14.661					
8/17/2016 5:15:00 PM	587700.000		120.919		19.702		272.382		41743.949		46443.379
30.450	31.581	23.956		1.021		14.657					
8/17/2016 5:30:00 PM	588600.000		120.925		19.702		272.394		41758.156		46459.953
30.462	31.593	23.947		1.021		14.660					
8/17/2016 5:45:00 PM	589500.000		120.935		19.700		272.418		41730.113		46430.129

30.440	31.572	23.964	1.021	14.661			
8/17/2016 6:00:00 PM	590400.000	120.957	19.702	272.468	41786.672	46491.590	
30.485	31.614	23.931	1.021	14.657			
8/17/2016 6:15:00 PM	591300.000	120.980	19.704	272.520	41778.430	46479.848	
30.477	31.606	23.936	1.021	14.653			
8/17/2016 6:30:00 PM	592200.000	120.999	19.701	272.563	41761.668	46464.465	
30.465	31.596	23.945	1.021	14.655			
8/17/2016 6:45:00 PM	593100.000	121.023	19.704	272.616	41773.441	46474.813	
30.473	31.603	23.939	1.021	14.660			
8/17/2016 7:00:00 PM	594000.000	121.053	19.702	272.685	41778.582	46482.250	
30.478	31.608	23.936	1.021	14.656			
8/17/2016 7:15:00 PM	594900.000	121.087	19.702	272.761	41764.215	46466.438	
30.467	31.597	23.944	1.021	14.651			
8/17/2016 7:30:00 PM	595800.000	121.123	19.703	272.841	41832.746	46541.387	
30.522	31.648	23.905	1.021	14.654			
8/17/2016 7:45:00 PM	596700.000	121.158	19.704	272.919	41817.387	46523.527	
30.509	31.636	23.913	1.021	14.654			
8/17/2016 8:00:00 PM	597600.000	121.188	19.701	272.989	41773.535	46477.582	
30.475	31.605	23.939	1.021	14.657			
8/17/2016 8:15:00 PM	598500.000	121.254	19.702	273.137	41792.094	46496.945	
30.489	31.618	23.928	1.021	14.659			
8/17/2016 8:30:00 PM	599400.000	121.259	19.701	273.147	41751.305	46453.105	
30.457	31.588	23.951	1.021	14.664			
8/17/2016 8:45:00 PM	600300.000	121.287	19.700	273.210	41791.707	46498.926	
30.490	31.619	23.928	1.021	14.666			
8/17/2016 9:00:00 PM	601200.000	121.319	19.699	273.283	41773.570	46479.605	
30.476	31.606	23.939	1.021	14.667			
8/17/2016 9:15:00 PM	602100.000	121.348	19.703	273.348	41796.934	46501.543	
30.493	31.621	23.925	1.021	14.663			
8/17/2016 9:30:00 PM	603000.000	121.371	19.702	273.400	41778.172	46482.223	
30.478	31.608	23.936	1.021	14.667			
8/17/2016 9:45:00 PM	603900.000	121.393	19.702	273.449	41776.652	46480.102	
30.477	31.606	23.937	1.021	14.668			
8/17/2016 10:00:00 PM	604800.000	121.410	19.701	273.488	41747.035	46448.008	
30.453	31.585	23.954	1.021	14.668			
8/17/2016 10:15:00 PM	605700.000	121.429	19.702	273.530	41774.879	46478.559	
30.476	31.605	23.938	1.021	14.659			
8/17/2016 10:30:00 PM	606600.000	121.432	19.702	273.538	41739.266	46438.934	
30.447	31.578	23.958	1.021	14.662			
8/17/2016 10:45:00 PM	607500.000	121.427	19.705	273.526	41759.949	46458.332	
30.461	31.592	23.946	1.021	14.669			
8/17/2016 11:00:00 PM	608400.000	121.424	19.703	273.520	41760.055	46460.172	
30.462	31.593	23.946	1.021	14.665			
8/17/2016 11:15:00 PM	609300.000	121.415	19.702	273.500	41756.480	46457.750	
30.460	31.591	23.948	1.021	14.666			
8/17/2016 11:30:00 PM	610200.000	121.407	19.703	273.481	41746.813	46446.133	
30.452	31.583	23.954	1.021	14.663			
8/17/2016 11:45:00 PM	611100.000	121.384	19.702	273.429	41771.172	46473.914	
30.472	31.602	23.940	1.021	14.668			

Report Date: 8/19/2016 12:29:22 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3M Pre Test_2016-08-18_09-22-17-026.wsl
Create Date: 8/18/2016 9:21:38 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
8/4/2016 9:51:18 AM	Sensor SN: 395601 Factory calibration has expired.: 12/15/2015 5:21:19 PM
8/4/2016 9:51:18 AM	Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/4/2016 6:34:20 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: SKuiper
8/11/2016 1:16:15 PM	Log Download - Used Battery: 28% Used Memory: 67% User Name: ELinden Interval - Start Time: 8/3/2016 7:00:00 AM Stop Time: 8/11/2016 2:15:00 PM
8/18/2016 9:21:05 AM	Log Download - Used Battery: 29% Used Memory: 68% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 9:15:00 AM

Log Data:

Record Count: 717

Sensors: 1

1 - 395601: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight 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
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)				
8/11/2016 12:00:00 AM	7200.000	64.544	17.061	145.392	
34094.172	40187.973	25.819	27.328	29.331	
1.018					
8/11/2016 12:15:00 AM	8100.000	64.537	17.062	145.377	
34082.199	40173.305	25.808	27.318	29.341	
1.018					
8/11/2016 12:30:00 AM	9000.000	64.540	17.062	145.382	
34060.105	40147.336	25.790	27.300	29.360	
1.018					
8/11/2016 12:45:00 AM	9900.000	64.534	17.061	145.370	
34074.941	40165.059	25.802	27.312	29.347	
1.018					
8/11/2016 1:00:00 AM	10800.000	64.537	17.061	145.375	
34082.973	40174.449	25.809	27.319	29.340	
1.018					
8/11/2016 1:15:00 AM	11700.000	64.536	17.061	145.373	
34090.145	40183.539	25.815	27.325	29.334	
1.018					
8/11/2016 1:30:00 AM	12600.000	64.533	17.062	145.366	
34098.762	40192.984	25.822	27.331	29.327	
1.018					
8/11/2016 1:45:00 AM	13500.000	64.529	17.061	145.357	

34084.297 1.018	40176.242	25.810	27.320	29.339
8/11/2016 2:00:00 AM 34079.344 1.018	14400.000 40170.336	64.532 25.806	17.061 27.316	145.365 29.343
8/11/2016 2:15:00 AM 34083.113 1.018	15300.000 40174.457	64.532 25.809	17.062 27.319	145.365 29.340
8/11/2016 2:30:00 AM 34119.473 1.018	16200.000 40217.797	64.529 25.840	17.061 27.348	145.358 29.309
8/11/2016 2:45:00 AM 34083.906 1.018	17100.000 40175.152	64.531 25.810	17.062 27.319	145.362 29.339
8/11/2016 3:00:00 AM 34093.855 1.018	18000.000 40187.352	64.534 25.818	17.061 27.327	145.368 29.331
8/11/2016 3:15:00 AM 34075.051 1.018	18900.000 40165.504	64.530 25.803	17.061 27.313	145.361 29.347
8/11/2016 3:30:00 AM 34087.820 1.018	19800.000 40180.398	64.530 25.813	17.061 27.323	145.360 29.336
8/11/2016 3:45:00 AM 34115.398 1.018	20700.000 40212.594	64.531 25.836	17.062 27.345	145.363 29.312
8/11/2016 4:00:00 AM 34070.125 1.018	21600.000 40159.469	64.530 25.798	17.061 27.308	145.361 29.351
8/11/2016 4:15:00 AM 34094.164 1.018	22500.000 40188.195	64.534 25.819	17.061 27.328	145.369 29.331
8/11/2016 4:30:00 AM 34080.020 1.018	23400.000 40171.133	64.541 25.807	17.061 27.316	145.385 29.343
8/11/2016 4:45:00 AM 34109.598 1.018	24300.000 40206.066	64.535 25.831	17.061 27.340	145.371 29.317
8/11/2016 5:00:00 AM 34092.648 1.018	25200.000 40186.406	64.537 25.817	17.061 27.327	145.377 29.332
8/11/2016 5:15:00 AM 34057.355 1.018	26100.000 40144.645	64.540 25.788	17.061 27.298	145.383 29.362
8/11/2016 5:30:00 AM 34096.645 1.018	27000.000 40191.281	64.535 25.821	17.061 27.330	145.372 29.328
8/11/2016 5:45:00 AM 34089.363 1.018	27900.000 40182.617	64.534 25.815	17.061 27.324	145.370 29.335
8/11/2016 6:00:00 AM 34081.754 1.018	28800.000 40173.648	64.537 25.808	17.061 27.318	145.376 29.341
8/11/2016 6:15:00 AM 34084.016 1.018	29700.000 40176.152	64.538 25.810	17.061 27.320	145.378 29.339
8/11/2016 6:30:00 AM	30600.000	64.542	17.060	145.388

34109.734	40207.105	25.832	27.341	29.317
1.018				
8/11/2016 6:45:00 AM	31500.000	64.542	17.061	145.388
34095.477	40189.906	25.820	27.329	29.329
1.018				
8/11/2016 7:00:00 AM	32400.000	64.539	17.060	145.380
34052.645	40139.734	25.784	27.295	29.366
1.018				
8/11/2016 7:15:00 AM	33300.000	64.540	17.060	145.382
34062.410	40151.324	25.792	27.303	29.358
1.018				
8/11/2016 7:30:00 AM	34200.000	64.537	17.061	145.375
34049.430	40135.547	25.781	27.292	29.369
1.018				
8/11/2016 7:45:00 AM	35100.000	64.535	17.061	145.372
34057.289	40144.969	25.788	27.299	29.362
1.018				
8/11/2016 8:00:00 AM	36000.000	64.537	17.060	145.377
34085.539	40178.668	25.812	27.321	29.338
1.018				
8/11/2016 8:15:00 AM	36900.000	64.535	17.060	145.371
34066.441	40156.074	25.796	27.306	29.354
1.018				
8/11/2016 8:30:00 AM	37800.000	64.540	17.060	145.383
34079.227	40171.387	25.807	27.317	29.343
1.018				
8/11/2016 8:45:00 AM	38700.000	64.534	17.060	145.370
34062.992	40152.250	25.793	27.304	29.357
1.018				
8/11/2016 9:00:00 AM	39600.000	64.534	17.060	145.370
34050.766	40137.520	25.783	27.294	29.368
1.018				
8/11/2016 9:15:00 AM	40500.000	64.534	17.060	145.368
34079.250	40171.336	25.807	27.317	29.343
1.018				
8/11/2016 9:30:00 AM	41400.000	64.534	17.061	145.369
34069.824	40159.824	25.799	27.309	29.351
1.018				
8/11/2016 9:45:00 AM	42300.000	64.530	17.060	145.361
34077.480	40169.250	25.805	27.315	29.345
1.018				
8/11/2016 10:00:00 AM	43200.000	64.531	17.060	145.362
34058.895	40147.012	25.789	27.300	29.361
1.018				
8/11/2016 10:15:00 AM	44100.000	64.529	17.061	145.359
34086.281	40179.141	25.812	27.322	29.337
1.018				
8/11/2016 10:30:00 AM	45000.000	64.529	17.060	145.358
34066.766	40156.379	25.796	27.306	29.354
1.018				
8/11/2016 10:45:00 AM	45900.000	64.523	17.060	145.344
34060.906	40149.633	25.791	27.302	29.359
1.018				
8/11/2016 11:00:00 AM	46800.000	64.522	17.060	145.342
34060.227	40149.066	25.791	27.301	29.360
1.018				
8/11/2016 11:15:00 AM	47700.000	64.525	17.060	145.349

34063.672 1.018	40152.973	25.794	27.304	29.357
8/11/2016 11:30:00 AM 34071.895 1.018	48600.000 40162.504	64.518 25.800	17.060 27.311	145.332 29.350
8/11/2016 11:45:00 AM 34058.559 1.018	49500.000 40146.863	64.523 25.789	17.060 27.300	145.344 29.361
8/11/2016 12:00:00 PM 34057.938 1.018	50400.000 40146.215	64.521 25.789	17.060 27.299	145.340 29.362
8/11/2016 12:15:00 PM 34064.258 1.018	51300.000 40153.500	64.521 25.794	17.060 27.304	145.339 29.356
8/11/2016 12:30:00 PM 34058.828 1.018	52200.000 40147.184	64.525 25.790	17.060 27.300	145.348 29.361
8/11/2016 12:45:00 PM 34078.801 1.018	53100.000 40170.961	64.520 25.806	17.060 27.316	145.338 29.344
8/11/2016 1:00:00 PM 34093.570 1.018	54000.000 40187.734	64.521 25.818	17.061 27.328	145.341 29.331
8/11/2016 1:15:00 PM 34065.211 1.018	54900.000 40153.906	64.522 25.794	17.061 27.305	145.343 29.355
8/11/2016 1:30:00 PM 34061.270 1.018	55800.000 40149.742	64.525 25.791	17.061 27.302	145.348 29.359
8/11/2016 1:45:00 PM 34082.824 1.018	56700.000 40175.785	64.526 25.810	17.060 27.320	145.352 29.340
8/11/2016 2:00:00 PM 34058.211 1.018	57600.000 40146.688	64.527 25.789	17.060 27.300	145.354 29.361
8/11/2016 2:15:00 PM 34081.832 1.018	58500.000 40174.215	64.529 25.809	17.060 27.318	145.358 29.341
8/11/2016 2:30:00 PM 34057.578 1.018	59400.000 40145.789	64.526 25.789	17.060 27.299	145.351 29.362
8/11/2016 2:45:00 PM 34061.430 1.018	60300.000 40150.168	64.532 25.792	17.060 27.302	145.364 29.359
8/11/2016 3:00:00 PM 34055.684 1.018	61200.000 40143.559	64.536 25.787	17.060 27.298	145.373 29.364
8/11/2016 3:15:00 PM 34086.258 1.018	62100.000 40179.750	64.537 25.813	17.060 27.322	145.376 29.337
8/11/2016 3:30:00 PM 34067.441 1.018	63000.000 40157.727	64.536 25.797	17.060 27.307	145.373 29.354
8/11/2016 3:45:00 PM 34073.828 1.018	63900.000 40164.945	64.542 25.802	17.060 27.312	145.388 29.348
8/11/2016 4:00:00 PM	64800.000	64.545	17.060	145.393

34064.039 1.018	40153.164	25.794	27.304	29.356
8/11/2016 4:15:00 PM 34070.707 1.018	65700.000 40161.184	64.550 25.799	17.060 27.310	145.406 29.351
8/11/2016 4:30:00 PM 34051.070 1.018	66600.000 40138.195	64.539 25.783	17.060 27.294	145.381 29.368
8/11/2016 4:45:00 PM 34060.242 1.018	67500.000 40149.332	64.555 25.791	17.060 27.302	145.416 29.360
8/11/2016 5:00:00 PM 34068.805 1.018	68400.000 40159.176	64.556 25.798	17.060 27.308	145.419 29.352
8/11/2016 5:15:00 PM 34082.578 1.018	69300.000 40175.336	64.559 25.810	17.060 27.319	145.425 29.341
8/11/2016 5:30:00 PM 34039.207 1.018	70200.000 40124.211	64.557 25.773	17.060 27.284	145.421 29.378
8/11/2016 5:45:00 PM 34059.863 1.018	71100.000 40148.484	64.567 25.790	17.060 27.301	145.444 29.360
8/11/2016 6:00:00 PM 34057.512 1.018	72000.000 40145.313	64.563 25.788	17.061 27.299	145.435 29.362
8/11/2016 6:15:00 PM 34074.008 1.018	72900.000 40165.156	64.566 25.802	17.060 27.312	145.441 29.348
8/11/2016 6:30:00 PM 34066.211 1.018	73800.000 40155.965	64.566 25.796	17.060 27.306	145.442 29.355
8/11/2016 6:45:00 PM 34080.477 1.018	74700.000 40173.340	64.569 25.808	17.059 27.318	145.449 29.342
8/11/2016 7:00:00 PM 34060.555 1.018	75600.000 40149.375	64.568 25.791	17.060 27.302	145.447 29.359
8/11/2016 7:15:00 PM 34049.730 1.018	76500.000 40137.008	64.573 25.782	17.060 27.293	145.457 29.369
8/11/2016 7:30:00 PM 34075.805 1.018	77400.000 40166.875	64.571 25.804	17.061 27.313	145.452 29.346
8/11/2016 7:45:00 PM 34065.613 1.018	78300.000 40154.863	64.572 25.795	17.061 27.305	145.454 29.355
8/11/2016 8:00:00 PM 34065.090 1.018	79200.000 40154.645	64.569 25.795	17.060 27.305	145.448 29.356
8/11/2016 8:15:00 PM 34067.613 1.018	80100.000 40157.539	64.567 25.797	17.060 27.307	145.445 29.353
8/11/2016 8:30:00 PM 34053.023 1.018	81000.000 40140.258	64.568 25.785	17.060 27.295	145.446 29.366
8/11/2016 8:45:00 PM	81900.000	64.562	17.060	145.433

34059.176 1.018	40147.344	25.790	27.300	29.361
8/11/2016 9:00:00 PM 34058.785 1.018	82800.000 40146.813	64.564 25.789	17.061 27.300	145.436 29.361
8/11/2016 9:15:00 PM 34066.191 1.018	83700.000 40155.863	64.559 25.796	17.060 27.306	145.426 29.355
8/11/2016 9:30:00 PM 34084.496 1.018	84600.000 40177.039	64.555 25.811	17.061 27.320	145.417 29.339
8/11/2016 9:45:00 PM 34072.188 1.018	85500.000 40162.211	64.553 25.800	17.061 27.310	145.413 29.349
8/11/2016 10:00:00 PM 34113.352 1.018	86400.000 40211.133	64.553 25.835	17.061 27.344	145.413 29.314
8/11/2016 10:15:00 PM 34055.711 1.018	87300.000 40142.641	64.545 25.786	17.061 27.297	145.395 29.364
8/11/2016 10:30:00 PM 34088.199 1.018	88200.000 40181.004	64.543 25.814	17.061 27.323	145.390 29.336
8/11/2016 10:45:00 PM 34108.875 1.018	89100.000 40205.305	64.539 25.831	17.061 27.340	145.380 29.318
8/11/2016 11:00:00 PM 34070.344 1.018	90000.000 40159.641	64.536 25.798	17.061 27.309	145.373 29.351
8/11/2016 11:15:00 PM 34084.727 1.018	90900.000 40176.992	64.536 25.811	17.061 27.320	145.373 29.339
8/11/2016 11:30:00 PM 34104.891 1.018	91800.000 40200.359	64.531 25.827	17.061 27.336	145.362 29.321
8/11/2016 11:45:00 PM 34096.813 1.018	92700.000 40190.527	64.532 25.820	17.062 27.330	145.365 29.328
8/12/2016 12:00:00 AM 34085.582 1.018	93600.000 40177.523	64.522 25.811	17.061 27.321	145.342 29.338
8/12/2016 12:15:00 AM 34080.406 1.018	94500.000 40171.422	64.520 25.807	17.061 27.317	145.337 29.342
8/12/2016 12:30:00 AM 34084.715 1.018	95400.000 40176.188	64.515 25.810	17.062 27.320	145.327 29.339
8/12/2016 12:45:00 AM 34114.664 1.018	96300.000 40211.328	64.512 25.835	17.062 27.344	145.320 29.313
8/12/2016 1:00:00 AM 34088.598 1.018	97200.000 40180.762	64.509 25.813	17.062 27.323	145.312 29.335
8/12/2016 1:15:00 AM 34089.039 1.018	98100.000 40180.965	64.511 25.814	17.062 27.323	145.317 29.335
8/12/2016 1:30:00 AM	99000.000	64.510	17.062	145.315

34089.723 1.018	40182.246	25.815	27.324	29.334
8/12/2016 1:45:00 AM 34117.336 1.018	99900.000 40214.000	64.506 25.837	17.063 27.346	145.307 29.311
8/12/2016 2:00:00 AM 34083.535 1.018	100800.000 40174.566	64.502 25.809	17.062 27.319	145.297 29.340
8/12/2016 2:15:00 AM 34125.590 1.018	101700.000 40224.289	64.504 25.844	17.062 27.353	145.301 29.304
8/12/2016 2:30:00 AM 34085.980 1.018	102600.000 40177.449	64.500 25.811	17.062 27.321	145.293 29.338
8/12/2016 2:45:00 AM 34118.133 1.018	103500.000 40215.496	64.504 25.838	17.062 27.347	145.302 29.310
8/12/2016 3:00:00 AM 34114.824 1.018	104400.000 40211.449	64.500 25.835	17.062 27.344	145.292 29.313
8/12/2016 3:15:00 AM 34094.211 1.018	105300.000 40187.539	64.504 25.818	17.062 27.328	145.301 29.330
8/12/2016 3:30:00 AM 34112.238 1.018	106200.000 40208.398	64.503 25.833	17.062 27.342	145.300 29.315
8/12/2016 3:45:00 AM 34103.172 1.018	107100.000 40197.305	64.503 25.825	17.063 27.334	145.300 29.323
8/12/2016 4:00:00 AM 34108.191 1.018	108000.000 40203.629	64.504 25.830	17.062 27.338	145.301 29.318
8/12/2016 4:15:00 AM 34115.855 1.018	108900.000 40212.574	64.509 25.836	17.062 27.345	145.313 29.312
8/12/2016 4:30:00 AM 34089.961 1.018	109800.000 40182.609	64.506 25.815	17.062 27.324	145.307 29.334
8/12/2016 4:45:00 AM 34097.320 1.018	110700.000 40190.883	64.511 25.821	17.062 27.330	145.317 29.328
8/12/2016 5:00:00 AM 34102.441 1.018	111600.000 40196.852	64.510 25.825	17.062 27.334	145.315 29.323
8/12/2016 5:15:00 AM 34109.410 1.018	112500.000 40205.066	64.513 25.831	17.062 27.339	145.321 29.317
8/12/2016 5:30:00 AM 34100.145 1.018	113400.000 40194.531	64.512 25.823	17.062 27.332	145.320 29.325
8/12/2016 5:45:00 AM 34092.984 1.018	114300.000 40185.855	64.514 25.817	17.062 27.326	145.324 29.332
8/12/2016 6:00:00 AM 34104.641 1.018	115200.000 40199.594	64.519 25.827	17.062 27.336	145.335 29.322
8/12/2016 6:15:00 AM	116100.000	64.523	17.062	145.344

34125.078	40223.535	25.844	27.352	29.304
1.018				
8/12/2016 6:30:00 AM	117000.000	64.521	17.062	145.341
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1.018				
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34093.727	40186.172	25.817	27.327	29.331
1.018				
8/12/2016 7:00:00 AM	118800.000	64.523	17.062	145.344
34090.703	40183.246	25.815	27.325	29.334
1.018				
8/12/2016 7:15:00 AM	119700.000	64.527	17.062	145.354
34114.570	40210.980	25.835	27.343	29.313
1.018				
8/12/2016 7:30:00 AM	120600.000	64.530	17.062	145.360
34097.207	40190.832	25.821	27.330	29.328
1.018				
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34114.109	40210.836	25.835	27.343	29.313
1.018				
8/12/2016 8:00:00 AM	122400.000	64.531	17.062	145.363
34095.332	40188.539	25.819	27.328	29.330
1.018				
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34114.199	40210.711	25.835	27.343	29.313
1.018				
8/12/2016 8:30:00 AM	124200.000	64.536	17.062	145.374
34101.602	40196.172	25.824	27.333	29.324
1.018				
8/12/2016 8:45:00 AM	125100.000	64.531	17.062	145.363
34091.391	40183.895	25.816	27.325	29.333
1.018				
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34077.840	40167.766	25.804	27.314	29.345
1.018				
8/12/2016 9:15:00 AM	126900.000	64.534	17.062	145.368
34082.926	40173.918	25.809	27.318	29.340
1.018				
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34073.348	40163.180	25.801	27.311	29.348
1.018				
8/12/2016 9:45:00 AM	128700.000	64.535	17.061	145.372
34105.328	40200.965	25.828	27.337	29.321
1.018				
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34106.535	40201.828	25.828	27.337	29.320
1.018				
8/12/2016 10:15:00 AM	130500.000	64.533	17.062	145.366
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1.018				
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1.018				
8/12/2016 10:45:00 AM	132300.000	64.532	17.061	145.365
34071.824	40161.383	25.800	27.310	29.350
1.018				
8/12/2016 11:00:00 AM	133200.000	64.527	17.062	145.354

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1.018				
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34102.332	40197.191	25.825	27.334	29.324
1.018				
8/12/2016 11:30:00 AM	135000.000	64.535	17.061	145.371
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1.018				
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34102.902	40198.105	25.826	27.335	29.323
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34085.879	40177.480	25.811	27.321	29.338
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1.018				
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1.018				
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34084.547	40175.910	25.810	27.320	29.339
1.018				
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34102.184	40196.934	25.825	27.334	29.324
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1.018				
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34094.508	40187.887	25.819	27.328	29.330
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34110.910	40207.063	25.832	27.341	29.316
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34112.988	40209.512	25.834	27.342	29.314
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1.018				
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34091.633	40184.262	25.816	27.325	29.333
1.018				
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34080.371	40171.383	25.807	27.317	29.342
1.018				
8/12/2016 3:30:00 PM	149400.000	64.546	17.061	145.396
34070.273	40159.480	25.798	27.308	29.351
1.018				
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34108.598 1.018	40204.176	25.830	27.339	29.318
8/12/2016 4:00:00 PM 34081.695 1.018	151200.000 40172.785	64.546 25.808	17.062 27.317	145.396 29.341
8/12/2016 4:15:00 PM 34078.555 1.018	152100.000 40169.316	64.552 25.805	17.061 27.315	145.409 29.344
8/12/2016 4:30:00 PM 34117.547 1.018	153000.000 40214.969	64.557 25.838	17.062 27.346	145.420 29.310
8/12/2016 4:45:00 PM 34086.688 1.018	153900.000 40178.352	64.563 25.812	17.062 27.321	145.434 29.337
8/12/2016 5:00:00 PM 34111.684 1.018	154800.000 40207.977	64.564 25.833	17.062 27.341	145.436 29.315
8/12/2016 5:15:00 PM 34083.691 1.018	155700.000 40174.902	64.565 25.809	17.062 27.319	145.440 29.340
8/12/2016 5:30:00 PM 34097.742 1.018	156600.000 40191.313	64.571 25.821	17.062 27.330	145.453 29.327
8/12/2016 5:45:00 PM 34087.281 1.018	157500.000 40179.371	64.576 25.812	17.062 27.322	145.463 29.336
8/12/2016 6:00:00 PM 34088.254 1.018	158400.000 40179.961	64.576 25.813	17.062 27.322	145.463 29.336
8/12/2016 6:15:00 PM 34105.809 1.018	159300.000 40201.207	64.581 25.828	17.062 27.337	145.476 29.321
8/12/2016 6:30:00 PM 34100.566 1.018	160200.000 40195.109	64.582 25.824	17.062 27.333	145.478 29.325
8/12/2016 6:45:00 PM 34074.441 1.018	161100.000 40163.684	64.588 25.801	17.062 27.311	145.491 29.348
8/12/2016 7:00:00 PM 34101.176 1.018	162000.000 40195.590	64.589 25.824	17.062 27.333	145.494 29.325
8/12/2016 7:15:00 PM 34089.223 1.018	162900.000 40181.422	64.588 25.814	17.062 27.323	145.491 29.335
8/12/2016 7:30:00 PM 34070.613 1.018	163800.000 40159.805	64.595 25.799	17.062 27.309	145.506 29.351
8/12/2016 7:45:00 PM 34070.711 1.018	164700.000 40159.520	64.596 25.798	17.062 27.308	145.509 29.351
8/12/2016 8:00:00 PM 34092.754 1.018	165600.000 40185.902	64.578 25.817	17.062 27.326	145.468 29.332
8/12/2016 8:15:00 PM 34103.566 1.018	166500.000 40198.180	64.611 25.826	17.062 27.335	145.544 29.322
8/12/2016 8:30:00 PM	167400.000	64.593	17.062	145.503

34086.637 1.018	40178.223	25.812	27.321	29.337
8/12/2016 8:45:00 PM 34128.949 1.018	168300.000 40228.164	64.599 25.847	17.062 27.355	145.516 29.301
8/12/2016 9:00:00 PM 34105.574 1.018	169200.000 40200.543	64.592 25.828	17.062 27.336	145.500 29.321
8/12/2016 9:15:00 PM 34118.539 1.018	170100.000 40215.344	64.592 25.838	17.063 27.346	145.500 29.310
8/12/2016 9:30:00 PM 34100.211 1.018	171000.000 40194.055	64.592 25.823	17.062 27.332	145.500 29.325
8/12/2016 9:45:00 PM 34104.410 1.018	171900.000 40199.082	64.591 25.827	17.062 27.335	145.497 29.322
8/12/2016 10:00:00 PM 34090.531 1.018	172800.000 40182.648	64.586 25.815	17.062 27.324	145.487 29.334
8/12/2016 10:15:00 PM 34111.410 1.018	173700.000 40206.621	64.584 25.832	17.063 27.341	145.482 29.316
8/12/2016 10:30:00 PM 34081.445 1.018	174600.000 40171.461	64.577 25.807	17.063 27.317	145.467 29.341
8/12/2016 10:45:00 PM 34124.379 1.018	175500.000 40222.227	64.578 25.843	17.063 27.351	145.469 29.305
8/12/2016 11:00:00 PM 34117.805 1.018	176400.000 40214.316	64.578 25.837	17.063 27.346	145.468 29.310
8/12/2016 11:15:00 PM 34109.992 1.018	177300.000 40204.793	64.572 25.831	17.063 27.339	145.454 29.317
8/12/2016 11:30:00 PM 34117.910 1.018	178200.000 40214.441	64.565 25.837	17.063 27.346	145.440 29.310
8/12/2016 11:45:00 PM 34110.492 1.018	179100.000 40205.859	64.560 25.831	17.063 27.340	145.428 29.316
8/13/2016 12:00:00 AM 34085.355 1.018	180000.000 40176.305	64.561 25.810	17.063 27.320	145.431 29.338
8/13/2016 12:15:00 AM 34109.910 1.018	180900.000 40205.082	64.556 25.831	17.063 27.339	145.419 29.317
8/13/2016 12:30:00 AM 34108.098 1.018	181800.000 40202.945	64.556 25.829	17.063 27.338	145.419 29.319
8/13/2016 12:45:00 AM 34101.242 1.018	182700.000 40194.867	64.551 25.824	17.063 27.333	145.408 29.324
8/13/2016 1:00:00 AM 34097.242 1.018	183600.000 40189.672	64.542 25.820	17.063 27.329	145.388 29.328
8/13/2016 1:15:00 AM	184500.000	64.543	17.063	145.389

34147.180 1.019	40248.941	25.862	27.369	29.285
8/13/2016 1:30:00 AM 34138.254 1.018	185400.000 40237.938	64.534 25.854	17.063 27.362	145.370 29.293
8/13/2016 1:45:00 AM 34120.801 1.018	186300.000 40217.531	64.534 25.840	17.063 27.348	145.369 29.308
8/13/2016 2:00:00 AM 34132.652 1.018	187200.000 40231.094	64.531 25.849	17.064 27.357	145.362 29.297
8/13/2016 2:15:00 AM 34115.535 1.018	188100.000 40211.324	64.529 25.835	17.063 27.344	145.359 29.312
8/13/2016 2:30:00 AM 34116.586 1.018	189000.000 40212.398	64.523 25.836	17.063 27.344	145.344 29.311
8/13/2016 2:45:00 AM 34127.328 1.018	189900.000 40225.059	64.527 25.845	17.063 27.353	145.354 29.302
8/13/2016 3:00:00 AM 34116.887 1.018	190800.000 40212.668	64.525 25.836	17.063 27.345	145.350 29.311
8/13/2016 3:15:00 AM 34108.441 1.018	191700.000 40202.875	64.527 25.829	17.063 27.338	145.354 29.318
8/13/2016 3:30:00 AM 34130.777 1.018	192600.000 40229.199	64.522 25.848	17.063 27.356	145.343 29.299
8/13/2016 3:45:00 AM 34119.398 1.018	193500.000 40216.266	64.521 25.839	17.063 27.347	145.341 29.309
8/13/2016 4:00:00 AM 34123.461 1.018	194400.000 40220.344	64.525 25.842	17.064 27.350	145.350 29.305
8/13/2016 4:15:00 AM 34122.090 1.018	195300.000 40218.883	64.524 25.841	17.063 27.349	145.347 29.307
8/13/2016 4:30:00 AM 34145.395 1.019	196200.000 40245.961	64.530 25.860	17.064 27.367	145.361 29.287
8/13/2016 4:45:00 AM 34120.359 1.018	197100.000 40217.086	64.525 25.839	17.063 27.348	145.350 29.308
8/13/2016 5:00:00 AM 34138.402 1.018	198000.000 40238.914	64.527 25.855	17.062 27.362	145.353 29.293
8/13/2016 5:15:00 AM 34136.918 1.018	198900.000 40237.164	64.534 25.854	17.062 27.361	145.370 29.294
8/13/2016 5:30:00 AM 34141.809 1.018	199800.000 40242.203	64.531 25.857	17.063 27.365	145.362 29.290
8/13/2016 5:45:00 AM 34125.078 1.018	200700.000 40222.801	64.538 25.843	17.063 27.352	145.378 29.304
8/13/2016 6:00:00 AM	201600.000	64.539	17.063	145.380

34120.258	40216.969	25.839	27.348	29.308
1.018				
8/13/2016 6:15:00 AM	202500.000	64.538	17.063	145.379
34110.457	40205.891	25.831	27.340	29.317
1.018				
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34093.625	40185.500	25.817	27.326	29.331
1.018				
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34110.910	40205.707	25.831	27.340	29.316
1.018				
8/13/2016 7:00:00 AM	205200.000	64.546	17.062	145.396
34107.617	40202.863	25.829	27.338	29.319
1.018				
8/13/2016 7:15:00 AM	206100.000	64.552	17.062	145.410
34097.402	40190.586	25.821	27.330	29.328
1.018				
8/13/2016 7:30:00 AM	207000.000	64.553	17.062	145.412
34124.988	40223.340	25.844	27.352	29.304
1.018				
8/13/2016 7:45:00 AM	207900.000	64.555	17.062	145.417
34106.980	40201.879	25.829	27.337	29.320
1.018				
8/13/2016 8:00:00 AM	208800.000	64.557	17.062	145.422
34115.504	40212.000	25.836	27.344	29.312
1.018				
8/13/2016 8:15:00 AM	209700.000	64.558	17.063	145.424
34106.695	40201.293	25.828	27.337	29.320
1.018				
8/13/2016 8:30:00 AM	210600.000	64.560	17.062	145.427
34099.813	40193.820	25.823	27.332	29.326
1.018				
8/13/2016 8:45:00 AM	211500.000	64.564	17.062	145.436
34089.180	40181.219	25.814	27.323	29.335
1.018				
8/13/2016 9:00:00 AM	212400.000	64.567	17.063	145.445
34081.680	40171.898	25.807	27.317	29.341
1.018				
8/13/2016 9:15:00 AM	213300.000	64.568	17.062	145.446
34108.695	40203.977	25.830	27.339	29.318
1.018				
8/13/2016 9:30:00 AM	214200.000	64.565	17.062	145.439
34066.043	40153.625	25.794	27.304	29.355
1.018				
8/13/2016 9:45:00 AM	215100.000	64.571	17.062	145.452
34089.820	40181.727	25.814	27.324	29.334
1.018				
8/13/2016 10:00:00 AM	216000.000	64.569	17.063	145.448
34099.078	40192.316	25.822	27.331	29.326
1.018				
8/13/2016 10:15:00 AM	216900.000	64.570	17.062	145.451
34101.969	40195.969	25.824	27.333	29.324
1.018				
8/13/2016 10:30:00 AM	217800.000	64.565	17.063	145.439
34105.207	40199.703	25.827	27.336	29.321
1.018				
8/13/2016 10:45:00 AM	218700.000	64.567	17.062	145.444

34129.797	40229.164	25.848	27.356	29.300
1.018				
8/13/2016 11:00:00 AM	219600.000	64.566	17.062	145.441
34076.906	40166.504	25.803	27.313	29.345
1.018				
8/13/2016 11:15:00 AM	220500.000	64.568	17.062	145.446
34088.477	40180.391	25.813	27.323	29.335
1.018				
8/13/2016 11:30:00 AM	221400.000	64.567	17.062	145.444
34078.590	40168.414	25.805	27.315	29.344
1.018				
8/13/2016 11:45:00 AM	222300.000	64.589	17.063	145.494
34109.172	40203.902	25.830	27.339	29.318
1.018				
8/13/2016 12:00:00 PM	223200.000	64.616	17.063	145.554
34121.820	40218.961	25.841	27.349	29.307
1.018				
8/13/2016 12:15:00 PM	224100.000	64.642	17.062	145.612
34094.656	40187.824	25.819	27.328	29.330
1.018				
8/13/2016 12:30:00 PM	225000.000	64.660	17.060	145.654
34052.520	40139.746	25.784	27.295	29.366
1.018				
8/13/2016 12:45:00 PM	225900.000	64.671	17.060	145.677
34012.445	40092.898	25.751	27.263	29.401
1.018				
8/13/2016 1:00:00 PM	226800.000	64.686	17.059	145.712
34025.535	40108.734	25.762	27.274	29.390
1.018				
8/13/2016 1:15:00 PM	227700.000	64.700	17.058	145.744
33986.891	40063.969	25.730	27.244	29.423
1.018				
8/13/2016 1:30:00 PM	228600.000	64.704	17.058	145.752
33984.969	40062.102	25.729	27.242	29.425
1.018				
8/13/2016 1:45:00 PM	229500.000	64.712	17.058	145.771
33947.379	40018.105	25.698	27.212	29.457
1.018				
8/13/2016 2:00:00 PM	230400.000	64.721	17.057	145.791
33959.910	40033.195	25.708	27.223	29.446
1.018				
8/13/2016 2:15:00 PM	231300.000	64.727	17.057	145.805
33980.133	40056.949	25.725	27.239	29.429
1.018				
8/13/2016 2:30:00 PM	232200.000	64.733	17.057	145.817
33977.305	40053.699	25.723	27.237	29.431
1.018				
8/13/2016 2:45:00 PM	233100.000	64.739	17.057	145.830
33947.938	40019.395	25.699	27.213	29.457
1.018				
8/13/2016 3:00:00 PM	234000.000	64.740	17.057	145.833
33970.168	40045.363	25.717	27.231	29.438
1.018				
8/13/2016 3:15:00 PM	234900.000	64.749	17.057	145.852
33960.152	40034.039	25.709	27.223	29.446
1.018				
8/13/2016 3:30:00 PM	235800.000	64.754	17.057	145.865

33972.008 1.018	40047.371	25.718	27.232	29.436
8/13/2016 3:45:00 PM 33931.535 1.018	236700.000 40000.461	64.759 25.685	17.056 27.200	145.876 29.471
8/13/2016 4:00:00 PM 33965.488 1.018	237600.000 40039.930	64.768 25.713	17.057 27.227	145.896 29.442
8/13/2016 4:15:00 PM 33958.926 1.018	238500.000 40031.793	64.770 25.707	17.058 27.222	145.901 29.447
8/13/2016 4:30:00 PM 33942.273 1.018	239400.000 40012.719	64.780 25.694	17.057 27.209	145.923 29.462
8/13/2016 4:45:00 PM 33924.211 1.018	240300.000 39991.512	64.787 25.679	17.057 27.194	145.939 29.477
8/13/2016 5:00:00 PM 33957.848 1.018	241200.000 40030.605	64.792 25.707	17.057 27.221	145.950 29.448
8/13/2016 5:15:00 PM 33953.605 1.018	242100.000 40025.680	64.795 25.703	17.057 27.217	145.957 29.452
8/13/2016 5:30:00 PM 33936.961 1.018	243000.000 40005.742	64.801 25.689	17.058 27.204	145.971 29.466
8/13/2016 5:45:00 PM 33953.895 1.018	243900.000 40026.660	64.810 25.704	17.057 27.218	145.991 29.452
8/13/2016 6:00:00 PM 33946.895 1.018	244800.000 40017.453	64.813 25.697	17.058 27.212	145.997 29.458
8/13/2016 6:15:00 PM 33970.590 1.018	245700.000 40045.625	64.819 25.717	17.057 27.231	146.012 29.437
8/13/2016 6:30:00 PM 33944.750 1.018	246600.000 40015.004	64.824 25.695	17.058 27.210	146.022 29.460
8/13/2016 6:45:00 PM 33948.637 1.018	247500.000 40019.980	64.830 25.699	17.057 27.214	146.036 29.456
8/13/2016 7:00:00 PM 33946.684 1.018	248400.000 40016.969	64.836 25.697	17.058 27.212	146.049 29.458
8/13/2016 7:15:00 PM 33927.273 1.018	249300.000 39994.402	64.836 25.681	17.058 27.196	146.050 29.475
8/13/2016 7:30:00 PM 33978.793 1.018	250200.000 40055.055	64.846 25.724	17.058 27.237	146.072 29.430
8/13/2016 7:45:00 PM 33959.828 1.018	251100.000 40033.012	64.844 25.708	17.057 27.222	146.068 29.447
8/13/2016 8:00:00 PM 33983.336 1.018	252000.000 40060.566	64.849 25.728	17.058 27.241	146.080 29.426
8/13/2016 8:15:00 PM	252900.000	64.855	17.058	146.092

33959.980 1.018	40033.035	25.708	27.222	29.446
8/13/2016 8:30:00 PM 33952.379 1.018	253800.000 40023.836	64.857 25.702	17.058 27.216	146.097 29.453
8/13/2016 8:45:00 PM 33947.566 1.018	254700.000 40018.246	64.860 25.698	17.058 27.212	146.104 29.457
8/13/2016 9:00:00 PM 33974.363 1.018	255600.000 40049.914	64.861 25.720	17.058 27.234	146.105 29.434
8/13/2016 9:15:00 PM 33953.988 1.018	256500.000 40025.422	64.859 25.703	17.058 27.217	146.102 29.452
8/13/2016 9:30:00 PM 33988.535 1.018	257400.000 40065.988	64.858 25.732	17.058 27.245	146.100 29.422
8/13/2016 9:45:00 PM 33964.051 1.018	258300.000 40037.594	64.861 25.712	17.058 27.226	146.107 29.443
8/13/2016 10:00:00 PM 33991.875 1.018	259200.000 40070.086	64.861 25.735	17.058 27.248	146.105 29.419
8/13/2016 10:15:00 PM 33971.262 1.018	260100.000 40045.941	64.862 25.717	17.058 27.231	146.108 29.437
8/13/2016 10:30:00 PM 33972.887 1.018	261000.000 40047.461	64.858 25.719	17.058 27.232	146.099 29.435
8/13/2016 10:45:00 PM 33988.238 1.018	261900.000 40066.188	64.857 25.732	17.058 27.245	146.096 29.422
8/13/2016 11:00:00 PM 33999.652 1.018	262800.000 40079.012	64.853 25.741	17.058 27.254	146.089 29.412
8/13/2016 11:15:00 PM 33977.852 1.018	263700.000 40053.313	64.849 25.723	17.058 27.236	146.080 29.431
8/13/2016 11:30:00 PM 33974.000 1.018	264600.000 40048.539	64.851 25.719	17.059 27.233	146.083 29.434
8/13/2016 11:45:00 PM 33968.129 1.018	265500.000 40041.137	64.859 25.714	17.059 27.228	146.101 29.439
8/14/2016 12:00:00 AM 33993.066 1.018	266400.000 40070.855	64.844 25.735	17.059 27.248	146.068 29.418
8/14/2016 12:15:00 AM 33978.855 1.018	267300.000 40053.871	64.841 25.723	17.059 27.237	146.061 29.430
8/14/2016 12:30:00 AM 33996.680 1.018	268200.000 40074.238	64.834 25.738	17.060 27.250	146.046 29.415
8/14/2016 12:45:00 AM 33998.766 1.018	269100.000 40077.023	64.833 25.740	17.059 27.252	146.042 29.413
8/14/2016 1:00:00 AM	270000.000	64.832	17.060	146.041

34014.645 1.018	40095.582	25.753	27.265	29.399
8/14/2016 1:15:00 AM 34007.668 1.018	270900.000 40087.902	64.825 25.747	17.059 27.260	146.024 29.405
8/14/2016 1:30:00 AM 34005.676 1.018	271800.000 40084.844	64.827 25.745	17.060 27.258	146.028 29.407
8/14/2016 1:45:00 AM 34022.039 1.018	272700.000 40104.297	64.818 25.759	17.060 27.271	146.008 29.393
8/14/2016 2:00:00 AM 33995.648 1.018	273600.000 40072.391	64.819 25.736	17.061 27.249	146.012 29.416
8/14/2016 2:15:00 AM 34022.063 1.018	274500.000 40104.711	64.815 25.759	17.059 27.271	146.001 29.393
8/14/2016 2:30:00 AM 34014.094 1.018	275400.000 40094.609	64.808 25.752	17.060 27.264	145.987 29.400
8/14/2016 2:45:00 AM 34019.414 1.018	276300.000 40100.879	64.809 25.757	17.060 27.269	145.989 29.395
8/14/2016 3:00:00 AM 34013.262 1.018	277200.000 40093.469	64.808 25.751	17.060 27.264	145.987 29.400
8/14/2016 3:15:00 AM 34029.160 1.018	278100.000 40112.367	64.807 25.765	17.060 27.276	145.984 29.387
8/14/2016 3:30:00 AM 34026.766 1.018	279000.000 40109.547	64.803 25.763	17.060 27.274	145.976 29.389
8/14/2016 3:45:00 AM 34020.785 1.018	279900.000 40102.258	64.802 25.758	17.060 27.270	145.972 29.394
8/14/2016 4:00:00 AM 33989.043 1.018	280800.000 40065.004	64.809 25.731	17.060 27.244	145.988 29.421
8/14/2016 4:15:00 AM 34017.230 1.018	281700.000 40098.148	64.806 25.755	17.060 27.267	145.981 29.397
8/14/2016 4:30:00 AM 34040.094 1.018	282600.000 40124.781	64.809 25.774	17.061 27.285	145.989 29.377
8/14/2016 4:45:00 AM 34027.070 1.018	283500.000 40109.980	64.811 25.763	17.060 27.275	145.993 29.388
8/14/2016 5:00:00 AM 34035.605 1.018	284400.000 40119.488	64.811 25.770	17.061 27.281	145.994 29.381
8/14/2016 5:15:00 AM 33999.684 1.018	285300.000 40077.066	64.814 25.740	17.061 27.252	145.999 29.412
8/14/2016 5:30:00 AM 34021.953 1.018	286200.000 40103.316	64.822 25.758	17.061 27.270	146.017 29.393
8/14/2016 5:45:00 AM	287100.000	64.820	17.061	146.014

34010.902 1.018	40090.371	25.749	27.261	29.402
8/14/2016 6:00:00 AM 34027.363 1.018	288000.000 40109.691	64.821 25.763	17.061 27.275	146.015 29.388
8/14/2016 6:15:00 AM 34037.633 1.018	288900.000 40121.480	64.825 25.771	17.061 27.283	146.026 29.379
8/14/2016 6:30:00 AM 34032.547 1.018	289800.000 40115.883	64.828 25.767	17.061 27.279	146.031 29.384
8/14/2016 6:45:00 AM 34036.059 1.018	290700.000 40120.094	64.835 25.770	17.060 27.282	146.048 29.381
8/14/2016 7:00:00 AM 34028.965 1.018	291600.000 40111.504	64.836 25.764	17.061 27.276	146.049 29.387
8/14/2016 7:15:00 AM 34032.891 1.018	292500.000 40116.289	64.842 25.768	17.061 27.279	146.064 29.383
8/14/2016 7:30:00 AM 34005.500 1.018	293400.000 40084.402	64.849 25.745	17.060 27.257	146.080 29.407
8/14/2016 7:45:00 AM 34033.172 1.018	294300.000 40116.859	64.852 25.768	17.060 27.279	146.085 29.383
8/14/2016 8:00:00 AM 34021.543 1.018	295200.000 40103.148	64.852 25.758	17.060 27.270	146.086 29.393
8/14/2016 8:15:00 AM 34028.148 1.018	296100.000 40110.938	64.858 25.764	17.060 27.275	146.099 29.387
8/14/2016 8:30:00 AM 34000.336 1.018	297000.000 40077.914	64.862 25.740	17.061 27.253	146.107 29.411
8/14/2016 8:45:00 AM 34014.902 1.018	297900.000 40095.004	64.870 25.752	17.061 27.265	146.127 29.399
8/14/2016 9:00:00 AM 34011.996 1.018	298800.000 40092.371	64.874 25.751	17.060 27.263	146.135 29.401
8/14/2016 9:15:00 AM 34013.789 1.018	299700.000 40093.691	64.876 25.752	17.061 27.264	146.140 29.400
8/14/2016 9:30:00 AM 34004.117 1.018	300600.000 40083.172	64.874 25.744	17.060 27.257	146.136 29.408
8/14/2016 9:45:00 AM 34031.637 1.018	301500.000 40115.211	64.885 25.767	17.060 27.278	146.159 29.384
8/14/2016 10:00:00 AM 34010.543 1.018	302400.000 40090.266	64.886 25.749	17.060 27.261	146.162 29.403
8/14/2016 10:15:00 AM 34017.578 1.018	303300.000 40098.398	64.883 25.755	17.060 27.267	146.155 29.397
8/14/2016 10:30:00 AM	304200.000	64.889	17.060	146.170

34027.727 1.018	40110.836	25.764	27.275	29.388
8/14/2016 10:45:00 AM 34006.602 1.018	305100.000 40085.621	64.890 25.746	17.060 27.258	146.170 29.406
8/14/2016 11:00:00 AM 34029.871 1.018	306000.000 40113.363	64.887 25.765	17.060 27.277	146.164 29.386
8/14/2016 11:15:00 AM 34006.371 1.018	306900.000 40085.430	64.892 25.746	17.060 27.258	146.175 29.406
8/14/2016 11:30:00 AM 34023.977 1.018	307800.000 40106.184	64.893 25.760	17.060 27.272	146.177 29.391
8/14/2016 11:45:00 AM 34009.402 1.018	308700.000 40088.672	64.896 25.748	17.060 27.260	146.185 29.404
8/14/2016 12:00:00 PM 34023.723 1.018	309600.000 40105.641	64.895 25.760	17.060 27.272	146.181 29.391
8/14/2016 12:15:00 PM 34024.004 1.018	310500.000 40105.973	64.896 25.760	17.060 27.272	146.185 29.391
8/14/2016 12:30:00 PM 34013.438 1.018	311400.000 40093.430	64.891 25.751	17.060 27.264	146.172 29.400
8/14/2016 12:45:00 PM 34027.605 1.018	312300.000 40110.129	64.895 25.763	17.060 27.275	146.181 29.388
8/14/2016 1:00:00 PM 34021.824 1.018	313200.000 40103.402	64.900 25.758	17.060 27.270	146.193 29.393
8/14/2016 1:15:00 PM 34014.152 1.018	314100.000 40093.801	64.899 25.752	17.061 27.264	146.192 29.400
8/14/2016 1:30:00 PM 34021.824 1.018	315000.000 40103.164	64.896 25.758	17.061 27.270	146.185 29.393
8/14/2016 1:45:00 PM 34014.430 1.018	315900.000 40094.445	64.896 25.752	17.061 27.264	146.185 29.399
8/14/2016 2:00:00 PM 34037.609 1.018	316800.000 40121.453	64.900 25.771	17.061 27.283	146.193 29.379
8/14/2016 2:15:00 PM 34011.426 1.018	317700.000 40090.750	64.900 25.749	17.061 27.262	146.194 29.402
8/14/2016 2:30:00 PM 34041.996 1.018	318600.000 40126.539	64.902 25.775	17.061 27.286	146.198 29.375
8/14/2016 2:45:00 PM 34013.340 1.018	319500.000 40092.922	64.904 25.751	17.061 27.263	146.203 29.400
8/14/2016 3:00:00 PM 34027.457 1.018	320400.000 40109.402	64.904 25.763	17.061 27.274	146.202 29.388
8/14/2016 3:15:00 PM	321300.000	64.905	17.060	146.204

34022.258 1.018	40103.992	25.759	27.271	29.393
8/14/2016 3:30:00 PM 34028.125 1.018	322200.000 40110.273	64.908 25.763	17.061 27.275	146.210 29.387
8/14/2016 3:45:00 PM 34024.262 1.018	323100.000 40106.035	64.911 25.760	17.061 27.272	146.218 29.391
8/14/2016 4:00:00 PM 34026.121 1.018	324000.000 40107.762	64.914 25.762	17.061 27.273	146.226 29.389
8/14/2016 4:15:00 PM 34033.367 1.018	324900.000 40116.301	64.913 25.768	17.061 27.279	146.223 29.383
8/14/2016 4:30:00 PM 34034.703 1.018	325800.000 40117.785	64.920 25.769	17.061 27.280	146.239 29.382
8/14/2016 4:45:00 PM 34020.684 1.018	326700.000 40100.793	64.924 25.757	17.062 27.269	146.248 29.394
8/14/2016 5:00:00 PM 33989.090 1.018	327600.000 40063.949	64.927 25.730	17.061 27.243	146.256 29.421
8/14/2016 5:15:00 PM 34021.723 1.018	328500.000 40102.574	64.932 25.758	17.061 27.270	146.265 29.393
8/14/2016 5:30:00 PM 34029.484 1.018	329400.000 40112.191	64.937 25.765	17.061 27.276	146.277 29.386
8/14/2016 5:45:00 PM 34029.504 1.018	330300.000 40112.141	64.942 25.765	17.061 27.276	146.289 29.386
8/14/2016 6:00:00 PM 34038.773 1.018	331200.000 40122.742	64.946 25.772	17.061 27.283	146.298 29.378
8/14/2016 6:15:00 PM 34055.766 1.018	332100.000 40142.457	64.954 25.786	17.061 27.297	146.315 29.364
8/14/2016 6:30:00 PM 34015.035 1.018	333000.000 40094.844	64.957 25.752	17.061 27.264	146.321 29.399
8/14/2016 6:45:00 PM 34047.301 1.018	333900.000 40132.875	64.959 25.779	17.061 27.290	146.326 29.371
8/14/2016 7:00:00 PM 34017.344 1.018	334800.000 40097.254	64.966 25.754	17.061 27.266	146.342 29.397
8/14/2016 7:15:00 PM 34038.695 1.018	335700.000 40122.582	64.966 25.772	17.061 27.283	146.342 29.378
8/14/2016 7:30:00 PM 34022.152 1.018	336600.000 40103.473	64.973 25.758	17.061 27.270	146.358 29.393
8/14/2016 7:45:00 PM 34006.020 1.018	337500.000 40084.215	64.976 25.745	17.061 27.257	146.365 29.407
8/14/2016 8:00:00 PM	338400.000	64.980	17.061	146.374

34028.508 1.018	40110.574	25.764	27.275	29.387
8/14/2016 8:15:00 PM 34022.652 1.018	339300.000 40103.191	64.987 25.758	17.062 27.270	146.389 29.392
8/14/2016 8:30:00 PM 34017.305 1.018	340200.000 40097.438	64.987 25.754	17.061 27.266	146.390 29.397
8/14/2016 8:45:00 PM 34015.746 1.018	341100.000 40095.371	64.988 25.753	17.061 27.265	146.393 29.398
8/14/2016 9:00:00 PM 34027.219 1.018	342000.000 40108.895	64.991 25.762	17.061 27.274	146.398 29.388
8/14/2016 9:15:00 PM 34009.922 1.018	342900.000 40088.668	64.997 25.748	17.061 27.260	146.412 29.403
8/14/2016 9:30:00 PM 34019.414 1.018	343800.000 40099.855	64.996 25.756	17.061 27.268	146.409 29.395
8/14/2016 9:45:00 PM 34027.410 1.018	344700.000 40109.672	64.998 25.763	17.061 27.275	146.414 29.388
8/14/2016 10:00:00 PM 34031.551 1.018	345600.000 40114.309	64.996 25.766	17.061 27.278	146.410 29.384
8/14/2016 10:15:00 PM 34027.586 1.018	346500.000 40109.488	65.000 25.763	17.061 27.274	146.419 29.388
8/14/2016 10:30:00 PM 34024.801 1.018	347400.000 40106.434	64.994 25.761	17.061 27.272	146.406 29.390
8/14/2016 10:45:00 PM 34013.777 1.018	348300.000 40093.051	64.995 25.751	17.061 27.263	146.407 29.400
8/14/2016 11:00:00 PM 34020.383 1.018	349200.000 40100.906	64.991 25.757	17.061 27.269	146.398 29.394
8/14/2016 11:15:00 PM 34030.473 1.018	350100.000 40113.117	64.992 25.765	17.061 27.277	146.400 29.385
8/14/2016 11:30:00 PM 34035.395 1.018	351000.000 40119.160	64.989 25.770	17.061 27.281	146.393 29.381
8/14/2016 11:45:00 PM 34038.477 1.018	351900.000 40122.324	64.983 25.772	17.061 27.283	146.380 29.379
8/15/2016 12:00:00 AM 34055.895 1.018	352800.000 40143.086	64.981 25.787	17.061 27.297	146.376 29.363
8/15/2016 12:15:00 AM 34019.105 1.018	353700.000 40099.719	64.978 25.756	17.061 27.268	146.369 29.395
8/15/2016 12:30:00 AM 34011.816 1.018	354600.000 40090.898	64.972 25.750	17.061 27.262	146.356 29.402
8/15/2016 12:45:00 AM	355500.000	64.970	17.061	146.350

34030.883 1.018	40113.922	25.766	27.277	29.385
8/15/2016 1:00:00 AM 34043.941 1.018	356400.000 40129.074	64.966 25.777	17.061 27.288	146.342 29.374
8/15/2016 1:15:00 AM 34024.395 1.018	357300.000 40105.793	64.959 25.760	17.061 27.272	146.327 29.391
8/15/2016 1:30:00 AM 34039.773 1.018	358200.000 40123.605	64.952 25.773	17.061 27.284	146.310 29.377
8/15/2016 1:45:00 AM 34028.816 1.018	359100.000 40111.488	64.952 25.764	17.061 27.276	146.310 29.387
8/15/2016 2:00:00 AM 34037.398 1.018	360000.000 40120.895	64.946 25.771	17.061 27.282	146.298 29.379
8/15/2016 2:15:00 AM 34018.074 1.018	360900.000 40098.027	64.942 25.755	17.061 27.267	146.287 29.396
8/15/2016 2:30:00 AM 34022.582 1.018	361800.000 40103.590	64.935 25.759	17.061 27.270	146.273 29.392
8/15/2016 2:45:00 AM 34038.633 1.018	362700.000 40122.508	64.939 25.772	17.061 27.283	146.282 29.378
8/15/2016 3:00:00 AM 34048.469 1.018	363600.000 40134.012	64.936 25.780	17.061 27.291	146.274 29.370
8/15/2016 3:15:00 AM 34029.527 1.018	364500.000 40111.293	64.927 25.764	17.062 27.276	146.256 29.386
8/15/2016 3:30:00 AM 34042.293 1.018	365400.000 40126.184	64.927 25.775	17.062 27.286	146.253 29.375
8/15/2016 3:45:00 AM 34036.492 1.018	366300.000 40119.824	64.926 25.770	17.061 27.281	146.253 29.380
8/15/2016 4:00:00 AM 34042.762 1.018	367200.000 40126.656	64.922 25.775	17.062 27.286	146.243 29.375
8/15/2016 4:15:00 AM 34024.762 1.018	368100.000 40106.309	64.918 25.761	17.061 27.272	146.233 29.390
8/15/2016 4:30:00 AM 34044.645 1.018	369000.000 40129.594	64.924 25.777	17.061 27.288	146.248 29.373
8/15/2016 4:45:00 AM 34036.348 1.018	369900.000 40119.258	64.922 25.770	17.062 27.281	146.243 29.380
8/15/2016 5:00:00 AM 34044.391 1.018	370800.000 40129.363	64.923 25.777	17.061 27.288	146.245 29.373
8/15/2016 5:15:00 AM 34028.945 1.018	371700.000 40111.480	64.924 25.764	17.061 27.276	146.247 29.387
8/15/2016 5:30:00 AM	372600.000	64.923	17.061	146.245

34036.168	40119.602	25.770	27.281	29.381
1.018				
8/15/2016 5:45:00 AM	373500.000	64.926	17.061	146.253
34034.547	40117.445	25.768	27.280	29.382
1.018				
8/15/2016 6:00:00 AM	374400.000	64.929	17.061	146.260
34051.152	40137.105	25.782	27.293	29.368
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34016.473	40096.141	25.753	27.265	29.398
1.018				
8/15/2016 6:30:00 AM	376200.000	64.938	17.061	146.280
34015.164	40094.996	25.752	27.265	29.399
1.018				
8/15/2016 6:45:00 AM	377100.000	64.935	17.061	146.273
34022.215	40102.910	25.758	27.270	29.393
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34005.477	40083.426	25.744	27.257	29.407
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34022.625	40104.031	25.759	27.271	29.392
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34014.188	40094.160	25.752	27.264	29.399
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34014.859	40094.555	25.752	27.264	29.399
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34035.629	40119.359	25.770	27.281	29.381
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34006.582	40085.680	25.746	27.258	29.406
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33996.973	40074.023	25.738	27.250	29.414
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34003.215	40081.227	25.743	27.255	29.409
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34017.574	40099.102	25.755	27.267	29.397
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8/15/2016 10:15:00 AM	389700.000	64.994	17.060	146.404

33988.707 1.018	40064.367	25.731	27.244	29.422
8/15/2016 10:30:00 AM 33992.973 1.018	390600.000 40069.789	65.000 25.735	17.060 27.247	146.418 29.418
8/15/2016 10:45:00 AM 33969.406 1.018	391500.000 40042.570	64.997 25.715	17.059 27.229	146.412 29.438
8/15/2016 11:00:00 AM 33969.531 1.018	392400.000 40042.156	64.996 25.715	17.060 27.229	146.410 29.438
8/15/2016 11:15:00 AM 34021.410 1.018	393300.000 40103.234	65.000 25.758	17.060 27.270	146.418 29.393
8/15/2016 11:30:00 AM 34001.906 1.018	394200.000 40080.883	65.005 25.742	17.059 27.255	146.430 29.410
8/15/2016 11:45:00 AM 33969.523 1.018	395100.000 40042.070	65.003 25.715	17.060 27.229	146.425 29.438
8/15/2016 12:00:00 PM 33976.699 1.018	396000.000 40051.168	65.003 25.721	17.059 27.235	146.425 29.432
8/15/2016 12:15:00 PM 33992.926 1.018	396900.000 40070.047	65.002 25.735	17.060 27.248	146.422 29.418
8/15/2016 12:30:00 PM 33997.406 1.018	397800.000 40075.418	65.006 25.738	17.059 27.251	146.433 29.414
8/15/2016 12:45:00 PM 33983.801 1.018	398700.000 40059.223	65.004 25.727	17.060 27.240	146.428 29.426
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8/15/2016 1:30:00 PM 33982.094 1.018	401400.000 40057.047	64.999 25.725	17.060 27.239	146.417 29.427
8/15/2016 1:45:00 PM 33983.676 1.018	402300.000 40059.313	65.002 25.727	17.059 27.240	146.422 29.426
8/15/2016 2:00:00 PM 33985.031 1.018	403200.000 40060.742	65.001 25.728	17.060 27.241	146.421 29.425
8/15/2016 2:15:00 PM 33992.301 1.018	404100.000 40069.242	65.006 25.734	17.060 27.247	146.431 29.418
8/15/2016 2:30:00 PM 33972.090 1.018	405000.000 40045.578	65.003 25.717	17.059 27.231	146.425 29.436
8/15/2016 2:45:00 PM 33993.160 1.018	405900.000 40070.090	65.004 25.735	17.060 27.248	146.427 29.418
8/15/2016 3:00:00 PM	406800.000	64.999	17.060	146.416

33985.102	40060.668	25.728	27.241	29.425
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34012.438	40093.297	25.751	27.263	29.401
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33985.793	40061.730	25.729	27.242	29.424
1.018				
8/15/2016 3:45:00 PM	409500.000	65.011	17.060	146.443
33971.082	40044.141	25.716	27.230	29.437
1.018				
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33992.914	40069.719	25.734	27.247	29.418
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33976.090	40050.203	25.721	27.234	29.432
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33975.617	40049.410	25.720	27.234	29.433
1.018				
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33991.184	40067.762	25.733	27.246	29.419
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33992.336	40069.121	25.734	27.247	29.418
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33982.191	40057.160	25.726	27.239	29.427
1.018				
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33977.895	40051.781	25.722	27.235	29.431
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33961.098	40032.461	25.708	27.222	29.445
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33966.176	40038.051	25.712	27.226	29.441
1.018				
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33986.402	40061.727	25.729	27.242	29.424
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33984.059	40059.527	25.727	27.240	29.426
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33971.539	40044.371	25.716	27.230	29.436
1.018				
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33980.262	40055.051	25.724	27.237	29.429
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33961.637	40032.617	25.708	27.222	29.445
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33995.258	40072.000	25.736	27.249	29.416
1.018				
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33996.699	40074.340	25.738	27.251	29.415
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33989.051	40064.852	25.731	27.244	29.421
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33972.938	40045.938	25.718	27.231	29.435
1.018				
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33995.906	40072.613	25.737	27.249	29.415
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33988.145	40063.863	25.730	27.243	29.422
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33981.398	40055.910	25.725	27.238	29.428
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33963.113	40034.516	25.709	27.223	29.444
1.018				
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34010.129	40090.168	25.749	27.261	29.403
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33989.430	40065.695	25.732	27.245	29.421
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33970.641	40042.832	25.715	27.229	29.437
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34000.109	40078.047	25.740	27.253	29.412
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33990.195	40066.121	25.732	27.245	29.420
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33996.172	40073.008	25.737	27.250	29.415
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33978.664	40052.371	25.722	27.236	29.430
1.018				
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34002.324	40080.734	25.742	27.255	29.410
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34016.520	40096.836	25.754	27.266	29.397
1.018				
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33996.973	40073.629	25.737	27.250	29.414
1.018				
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34041.680 1.018	40126.328	25.775	27.286	29.376
8/16/2016 12:45:00 AM 34043.113 1.018	441900.000 40128.102	65.084 25.776	17.061 27.287	146.608 29.375
8/16/2016 1:00:00 AM 34009.586 1.018	442800.000 40088.270	65.081 25.748	17.061 27.260	146.601 29.403
8/16/2016 1:15:00 AM 34014.879 1.018	443700.000 40094.578	65.077 25.752	17.061 27.264	146.593 29.399
8/16/2016 1:30:00 AM 34020.348 1.018	444600.000 40100.473	65.072 25.756	17.062 27.268	146.582 29.394
8/16/2016 1:45:00 AM 34027.281 1.018	445500.000 40108.727	65.067 25.762	17.062 27.274	146.569 29.388
8/16/2016 2:00:00 AM 34013.504 1.018	446400.000 40092.887	65.062 25.751	17.061 27.263	146.559 29.400
8/16/2016 2:15:00 AM 34029.418 1.018	447300.000 40111.090	65.059 25.764	17.062 27.276	146.551 29.386
8/16/2016 2:30:00 AM 34038.500 1.018	448200.000 40121.633	65.049 25.771	17.062 27.283	146.529 29.378
8/16/2016 2:45:00 AM 34022.016 1.018	449100.000 40102.598	65.050 25.758	17.061 27.270	146.532 29.393
8/16/2016 3:00:00 AM 34050.910 1.018	450000.000 40136.340	65.044 25.782	17.062 27.293	146.518 29.368
8/16/2016 3:15:00 AM 34030.453 1.018	450900.000 40112.465	65.038 25.765	17.062 27.276	146.505 29.385
8/16/2016 3:30:00 AM 34024.996 1.018	451800.000 40106.344	65.038 25.761	17.061 27.272	146.504 29.390
8/16/2016 3:45:00 AM 34047.777 1.018	452700.000 40132.648	65.028 25.779	17.062 27.290	146.483 29.370
8/16/2016 4:00:00 AM 34054.250 1.018	453600.000 40140.117	65.029 25.785	17.062 27.295	146.484 29.365
8/16/2016 4:15:00 AM 34047.879 1.018	454500.000 40132.605	65.028 25.779	17.062 27.290	146.481 29.370
8/16/2016 4:30:00 AM 34037.055 1.018	455400.000 40119.848	65.025 25.770	17.062 27.281	146.476 29.380
8/16/2016 4:45:00 AM 34047.219 1.018	456300.000 40131.910	65.021 25.779	17.062 27.290	146.466 29.371
8/16/2016 5:00:00 AM 34027.926 1.018	457200.000 40108.773	65.021 25.762	17.062 27.274	146.466 29.388
8/16/2016 5:15:00 AM	458100.000	65.021	17.062	146.467

34057.570 1.018	40144.031	25.787	27.298	29.362
8/16/2016 5:30:00 AM 34052.219 1.018	459000.000 40137.652	65.023 25.783	17.062 27.294	146.471 29.367
8/16/2016 5:45:00 AM 34029.180 1.018	459900.000 40110.176	65.024 25.763	17.062 27.275	146.472 29.387
8/16/2016 6:00:00 AM 34041.559 1.018	460800.000 40124.605	65.023 25.774	17.063 27.285	146.471 29.376
8/16/2016 6:15:00 AM 34050.707 1.018	461700.000 40136.023	65.024 25.782	17.062 27.292	146.472 29.368
8/16/2016 6:30:00 AM 34040.164 1.018	462600.000 40123.672	65.025 25.773	17.062 27.284	146.476 29.377
8/16/2016 6:45:00 AM 34028.965 1.018	463500.000 40110.246	65.030 25.763	17.062 27.275	146.486 29.387
8/16/2016 7:00:00 AM 34053.434 1.018	464400.000 40139.316	65.035 25.784	17.062 27.295	146.497 29.366
8/16/2016 7:15:00 AM 34044.371 1.018	465300.000 40128.313	65.036 25.776	17.062 27.287	146.499 29.373
8/16/2016 7:30:00 AM 34019.973 1.018	466200.000 40100.031	65.043 25.756	17.062 27.268	146.516 29.394
8/16/2016 7:45:00 AM 34023.555 1.018	467100.000 40104.098	65.040 25.759	17.062 27.271	146.508 29.391
8/16/2016 8:00:00 AM 34026.012 1.018	468000.000 40106.992	65.051 25.761	17.062 27.273	146.534 29.389
8/16/2016 8:15:00 AM 34016.219 1.018	468900.000 40095.371	65.056 25.753	17.062 27.265	146.544 29.398
8/16/2016 8:30:00 AM 34015.242 1.018	469800.000 40094.379	65.060 25.752	17.062 27.264	146.554 29.399
8/16/2016 8:45:00 AM 34045.559 1.018	470700.000 40130.273	65.064 25.778	17.062 27.289	146.563 29.372
8/16/2016 9:00:00 AM 34041.828 1.018	471600.000 40126.027	65.067 25.775	17.061 27.286	146.569 29.376
8/16/2016 9:15:00 AM 34008.840 1.018	472500.000 40087.391	65.074 25.747	17.061 27.259	146.585 29.404
8/16/2016 9:30:00 AM 34019.652 1.018	473400.000 40100.445	65.080 25.756	17.061 27.268	146.599 29.395
8/16/2016 9:45:00 AM 34016.125 1.018	474300.000 40096.129	65.077 25.753	17.061 27.265	146.593 29.398
8/16/2016 10:00:00 AM	475200.000	65.087	17.061	146.615

34008.324	40086.934	25.747	27.259	29.405
1.018				
8/16/2016 10:15:00 AM	476100.000	65.090	17.060	146.622
34014.930	40095.188	25.753	27.265	29.399
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8/16/2016 10:30:00 AM	477000.000	65.095	17.061	146.633
33999.211	40076.434	25.739	27.252	29.412
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33999.699	40076.926	25.740	27.252	29.412
1.018				
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33991.453	40067.922	25.733	27.246	29.419
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34007.273	40085.453	25.746	27.258	29.405
1.018				
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34017.094	40097.668	25.754	27.266	29.397
1.018				
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33992.105	40068.613	25.734	27.247	29.419
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34011.840	40090.836	25.750	27.262	29.402
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34008.148	40087.125	25.747	27.259	29.405
1.018				
8/16/2016 12:30:00 PM	484200.000	65.108	17.061	146.662
33995.973	40072.773	25.737	27.249	29.415
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33997.465	40074.293	25.738	27.251	29.414
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34002.426	40080.297	25.742	27.255	29.410
1.018				
8/16/2016 1:15:00 PM	486900.000	65.107	17.060	146.661
33996.020	40073.145	25.737	27.250	29.415
1.018				
8/16/2016 1:30:00 PM	487800.000	65.107	17.060	146.660
34027.711	40110.254	25.763	27.275	29.388
1.018				
8/16/2016 1:45:00 PM	488700.000	65.106	17.060	146.657
34018.480	40099.539	25.756	27.268	29.396
1.018				
8/16/2016 2:00:00 PM	489600.000	65.108	17.061	146.663
34006.031	40084.629	25.745	27.258	29.407
1.018				
8/16/2016 2:15:00 PM	490500.000	65.108	17.061	146.662
34002.828	40080.852	25.742	27.255	29.409
1.018				
8/16/2016 2:30:00 PM	491400.000	65.107	17.060	146.661
33988.707	40064.367	25.731	27.244	29.422
1.018				
8/16/2016 2:45:00 PM	492300.000	65.106	17.060	146.658

34008.160 1.018	40087.375	25.747	27.259	29.405
8/16/2016 3:00:00 PM 34001.625 1.018	493200.000 40079.277	65.105 25.741	17.061 27.254	146.654 29.410
8/16/2016 3:15:00 PM 34011.332 1.018	494100.000 40090.555	65.105 25.749	17.061 27.262	146.654 29.402
8/16/2016 3:30:00 PM 34001.531 1.018	495000.000 40079.484	65.101 25.741	17.060 27.254	146.646 29.410
8/16/2016 3:45:00 PM 34008.238 1.018	495900.000 40087.230	65.103 25.747	17.061 27.259	146.652 29.405
8/16/2016 4:00:00 PM 33992.766 1.018	496800.000 40068.672	65.104 25.734	17.061 27.247	146.652 29.418
8/16/2016 4:15:00 PM 33987.891 1.018	497700.000 40063.316	65.104 25.730	17.060 27.243	146.654 29.422
8/16/2016 4:30:00 PM 33984.887 1.018	498600.000 40060.023	65.105 25.728	17.060 27.241	146.654 29.425
8/16/2016 4:45:00 PM 34022.746 1.018	499500.000 40104.402	65.107 25.759	17.060 27.271	146.661 29.392
8/16/2016 5:00:00 PM 33988.629 1.018	500400.000 40064.273	65.106 25.731	17.060 27.244	146.657 29.422
8/16/2016 5:15:00 PM 33993.215 1.018	501300.000 40069.840	65.109 25.735	17.060 27.247	146.665 29.418
8/16/2016 5:30:00 PM 33995.102 1.018	502200.000 40071.816	65.115 25.736	17.060 27.249	146.677 29.416
8/16/2016 5:45:00 PM 33975.527 1.018	503100.000 40048.910	65.119 25.720	17.060 27.233	146.686 29.433
8/16/2016 6:00:00 PM 33976.719 1.018	504000.000 40050.313	65.122 25.721	17.060 27.234	146.693 29.432
8/16/2016 6:15:00 PM 33984.523 1.018	504900.000 40059.195	65.122 25.727	17.061 27.240	146.694 29.425
8/16/2016 6:30:00 PM 33986.219 1.018	505800.000 40061.828	65.131 25.729	17.060 27.242	146.714 29.424
8/16/2016 6:45:00 PM 33994.902 1.018	506700.000 40072.063	65.133 25.736	17.060 27.249	146.719 29.416
8/16/2016 7:00:00 PM 33982.086 1.018	507600.000 40056.246	65.136 25.725	17.061 27.238	146.726 29.427
8/16/2016 7:15:00 PM 33989.098 1.018	508500.000 40064.906	65.140 25.731	17.060 27.244	146.734 29.421
8/16/2016 7:30:00 PM	509400.000	65.147	17.060	146.751

33958.977 1.018	40029.320	25.706	27.220	29.447
8/16/2016 7:45:00 PM 33986.547 1.018	510300.000 40062.777	65.127 25.729	17.059 27.243	146.706 29.423
8/16/2016 8:00:00 PM 33949.598 1.018	511200.000 40019.539	65.102 25.699	17.059 27.213	146.649 29.455
8/16/2016 8:15:00 PM 33984.336 1.018	512100.000 40059.531	65.085 25.727	17.060 27.240	146.610 29.425
8/16/2016 8:30:00 PM 34022.129 1.018	513000.000 40103.055	65.076 25.758	17.061 27.270	146.591 29.393
8/16/2016 8:45:00 PM 34020.563 1.018	513900.000 40100.652	65.067 25.757	17.062 27.268	146.569 29.394
8/16/2016 9:00:00 PM 34061.805 1.018	514800.000 40148.070	65.060 25.790	17.063 27.301	146.555 29.358
8/16/2016 9:15:00 PM 34060.695 1.018	515700.000 40147.480	65.055 25.790	17.062 27.300	146.543 29.359
8/16/2016 9:30:00 PM 34067.512 1.018	516600.000 40154.629	65.053 25.795	17.063 27.305	146.537 29.353
8/16/2016 9:45:00 PM 34053.414 1.018	517500.000 40137.938	65.053 25.783	17.063 27.294	146.537 29.366
8/16/2016 10:00:00 PM 34079.414 1.018	518400.000 40168.582	65.050 25.805	17.063 27.315	146.532 29.343
8/16/2016 10:15:00 PM 34041.945 1.018	519300.000 40124.902	65.049 25.774	17.063 27.285	146.528 29.376
8/16/2016 10:30:00 PM 34066.059 1.018	520200.000 40152.684	65.045 25.794	17.064 27.304	146.521 29.355
8/16/2016 10:45:00 PM 34076.918 1.018	521100.000 40165.484	65.040 25.803	17.064 27.313	146.510 29.345
8/16/2016 11:00:00 PM 34069.602 1.018	522000.000 40157.020	65.035 25.797	17.063 27.307	146.498 29.352
8/16/2016 11:15:00 PM 34058.520 1.018	522900.000 40144.281	65.033 25.788	17.063 27.298	146.494 29.361
8/16/2016 11:30:00 PM 34063.324 1.018	523800.000 40149.863	65.026 25.792	17.063 27.302	146.476 29.357
8/16/2016 11:45:00 PM 34069.887 1.018	524700.000 40157.520	65.021 25.797	17.063 27.307	146.466 29.351
8/17/2016 12:00:00 AM 34074.633 1.018	525600.000 40162.949	65.017 25.801	17.063 27.311	146.458 29.347
8/17/2016 12:15:00 AM	526500.000	65.009	17.063	146.440

34031.680	40112.488	25.765	27.276	29.384
1.018				
8/17/2016 12:30:00 AM	527400.000	65.005	17.063	146.430
34071.988	40160.227	25.799	27.309	29.350
1.018				
8/17/2016 12:45:00 AM	528300.000	64.995	17.063	146.407
34040.137	40122.207	25.772	27.283	29.377
1.018				
8/17/2016 1:00:00 AM	529200.000	64.987	17.063	146.389
34053.488	40138.191	25.783	27.294	29.366
1.018				
8/17/2016 1:15:00 AM	530100.000	64.981	17.063	146.375
34065.004	40151.766	25.793	27.303	29.356
1.018				
8/17/2016 1:30:00 AM	531000.000	64.978	17.063	146.370
34076.156	40165.141	25.802	27.312	29.346
1.018				
8/17/2016 1:45:00 AM	531900.000	64.963	17.063	146.336
34067.875	40154.902	25.795	27.305	29.353
1.018				
8/17/2016 2:00:00 AM	532800.000	64.956	17.063	146.320
34070.242	40158.016	25.797	27.307	29.351
1.018				
8/17/2016 2:15:00 AM	533700.000	64.950	17.063	146.306
34061.039	40147.320	25.790	27.300	29.359
1.018				
8/17/2016 2:30:00 AM	534600.000	64.944	17.063	146.294
34047.465	40131.094	25.778	27.289	29.371
1.018				
8/17/2016 2:45:00 AM	535500.000	64.932	17.062	146.267
34081.508	40171.852	25.807	27.317	29.341
1.018				
8/17/2016 3:00:00 AM	536400.000	64.928	17.063	146.257
34069.406	40157.340	25.797	27.307	29.352
1.018				
8/17/2016 3:15:00 AM	537300.000	64.915	17.063	146.227
34051.820	40136.227	25.782	27.293	29.367
1.018				
8/17/2016 3:30:00 AM	538200.000	64.911	17.063	146.218
34078.066	40167.320	25.804	27.314	29.344
1.018				
8/17/2016 3:45:00 AM	539100.000	64.903	17.063	146.200
34069.941	40157.813	25.797	27.307	29.351
1.018				
8/17/2016 4:00:00 AM	540000.000	64.895	17.063	146.182
34084.609	40175.102	25.810	27.319	29.339
1.018				
8/17/2016 4:15:00 AM	540900.000	64.886	17.063	146.163
34058.059	40143.965	25.787	27.298	29.362
1.018				
8/17/2016 4:30:00 AM	541800.000	64.880	17.064	146.149
34070.934	40158.430	25.798	27.308	29.351
1.018				
8/17/2016 4:45:00 AM	542700.000	64.876	17.063	146.140
34068.980	40156.285	25.796	27.306	29.352
1.018				
8/17/2016 5:00:00 AM	543600.000	64.870	17.063	146.126

34064.762 1.018	40151.957	25.793	27.303	29.356
8/17/2016 5:15:00 AM 34053.895 1.018	544500.000 40139.219	64.867 25.784	17.063 27.295	146.118 29.365
8/17/2016 5:30:00 AM 34080.777 1.018	545400.000 40170.191	64.863 25.806	17.063 27.316	146.111 29.342
8/17/2016 5:45:00 AM 34078.371 1.018	546300.000 40167.836	64.859 25.804	17.063 27.314	146.102 29.344
8/17/2016 6:00:00 AM 34078.293 1.018	547200.000 40168.141	64.855 25.805	17.062 27.314	146.092 29.344
8/17/2016 6:15:00 AM 34054.180 1.018	548100.000 40139.875	64.853 25.784	17.062 27.295	146.089 29.365
8/17/2016 6:30:00 AM 34064.355 1.018	549000.000 40151.551	64.857 25.793	17.063 27.303	146.097 29.356
8/17/2016 6:45:00 AM 34073.027 1.018	549900.000 40161.773	64.855 25.800	17.063 27.310	146.092 29.349
8/17/2016 7:00:00 AM 34100.797 1.018	550800.000 40194.590	64.853 25.823	17.062 27.332	146.088 29.325
8/17/2016 7:15:00 AM 34056.117 1.018	551700.000 40141.676	64.853 25.786	17.063 27.296	146.089 29.363
8/17/2016 7:30:00 AM 34061.508 1.018	552600.000 40148.672	64.855 25.791	17.062 27.301	146.092 29.359
8/17/2016 7:45:00 AM 34042.918 1.018	553500.000 40126.602	64.857 25.775	17.062 27.286	146.098 29.375
8/17/2016 8:00:00 AM 34051.113 1.018	554400.000 40136.418	64.858 25.782	17.062 27.293	146.100 29.368
8/17/2016 8:15:00 AM 34038.492 1.018	555300.000 40121.625	64.864 25.771	17.062 27.283	146.113 29.379
8/17/2016 8:30:00 AM 34064.863 1.018	556200.000 40153.180	64.866 25.794	17.061 27.304	146.117 29.356
8/17/2016 8:45:00 AM 34030.133 1.018	557100.000 40111.375	64.871 25.764	17.062 27.276	146.128 29.386
8/17/2016 9:00:00 AM 34041.555 1.018	558000.000 40125.629	64.871 25.774	17.061 27.285	146.128 29.376
8/17/2016 9:15:00 AM 34060.387 1.018	558900.000 40147.668	64.875 25.790	17.062 27.300	146.138 29.360
8/17/2016 9:30:00 AM 34061.504 1.018	559800.000 40149.309	64.876 25.791	17.061 27.302	146.139 29.359
8/17/2016 9:45:00 AM	560700.000	64.885	17.062	146.161

34061.699	40149.297	25.791	27.302	29.358
1.018				
8/17/2016 10:00:00 AM	561600.000	64.885	17.061	146.160
34066.438	40155.191	25.795	27.306	29.354
1.018				
8/17/2016 10:15:00 AM	562500.000	64.889	17.061	146.170
34049.648	40135.563	25.781	27.292	29.369
1.018				
8/17/2016 10:30:00 AM	563400.000	64.892	17.062	146.176
34050.883	40136.547	25.782	27.293	29.368
1.018				
8/17/2016 10:45:00 AM	564300.000	64.888	17.061	146.168
34054.832	40141.914	25.786	27.297	29.364
1.018				
8/17/2016 11:00:00 AM	565200.000	64.898	17.061	146.190
34040.332	40124.512	25.773	27.285	29.377
1.018				
8/17/2016 11:15:00 AM	566100.000	64.900	17.061	146.193
34017.555	40097.664	25.754	27.266	29.397
1.018				
8/17/2016 11:30:00 AM	567000.000	64.896	17.061	146.184
34026.414	40108.336	25.762	27.274	29.389
1.018				
8/17/2016 11:45:00 AM	567900.000	64.901	17.061	146.196
34049.441	40135.398	25.781	27.292	29.369
1.018				
8/17/2016 12:00:00 PM	568800.000	64.905	17.061	146.204
34038.500	40122.902	25.772	27.284	29.378
1.018				
8/17/2016 12:15:00 PM	569700.000	64.902	17.061	146.197
34004.195	40082.383	25.743	27.256	29.408
1.018				
8/17/2016 12:30:00 PM	570600.000	64.901	17.061	146.196
34009.297	40088.238	25.748	27.260	29.404
1.018				
8/17/2016 12:45:00 PM	571500.000	64.898	17.061	146.190
34001.258	40078.520	25.741	27.253	29.411
1.018				
8/17/2016 1:00:00 PM	572400.000	64.896	17.061	146.185
34037.809	40121.766	25.772	27.283	29.379
1.018				
8/17/2016 1:15:00 PM	573300.000	64.894	17.061	146.180
34026.590	40108.863	25.762	27.274	29.389
1.018				
8/17/2016 1:30:00 PM	574200.000	64.898	17.060	146.188
34023.465	40105.496	25.760	27.272	29.391
1.018				
8/17/2016 1:45:00 PM	575100.000	64.898	17.060	146.190
34031.793	40115.395	25.767	27.278	29.384
1.018				
8/17/2016 2:00:00 PM	576000.000	64.893	17.061	146.177
34012.215	40091.762	25.750	27.262	29.401
1.018				
8/17/2016 2:15:00 PM	576900.000	64.888	17.060	146.166
34015.414	40095.848	25.753	27.265	29.398
1.018				
8/17/2016 2:30:00 PM	577800.000	64.882	17.060	146.154

34031.875 1.018	40115.328	25.767	27.278	29.384
8/17/2016 2:45:00 PM 34011.211 1.018	578700.000 40090.336	64.881 25.749	17.061 27.261	146.150 29.402
8/17/2016 3:00:00 PM 34030.715 1.018	579600.000 40114.125	64.878 25.766	17.060 27.278	146.144 29.385
8/17/2016 3:15:00 PM 34035.176 1.018	580500.000 40119.461	64.878 25.770	17.060 27.281	146.145 29.381
8/17/2016 3:30:00 PM 34017.602 1.018	581400.000 40098.340	64.871 25.755	17.060 27.267	146.128 29.397
8/17/2016 3:45:00 PM 34031.078 1.018	582300.000 40114.391	64.868 25.766	17.060 27.278	146.122 29.385
8/17/2016 4:00:00 PM 34027.586 1.018	583200.000 40110.438	64.865 25.763	17.060 27.275	146.116 29.388
8/17/2016 4:15:00 PM 34025.902 1.018	584100.000 40108.371	64.862 25.762	17.060 27.274	146.108 29.389
8/17/2016 4:30:00 PM 34036.773 1.018	585000.000 40120.867	64.863 25.771	17.061 27.282	146.111 29.380
8/17/2016 4:45:00 PM 34036.125 1.018	585900.000 40119.863	64.859 25.770	17.061 27.282	146.101 29.381
8/17/2016 5:00:00 PM 34014.559 1.018	586800.000 40095.316	64.856 25.753	17.060 27.265	146.095 29.399
8/17/2016 5:15:00 PM 34025.449 1.018	587700.000 40107.996	64.861 25.762	17.060 27.273	146.106 29.390
8/17/2016 5:30:00 PM 34038.242 1.018	588600.000 40122.918	64.857 25.772	17.060 27.284	146.096 29.379
8/17/2016 5:45:00 PM 34032.438 1.018	589500.000 40115.754	64.856 25.767	17.061 27.279	146.095 29.384
8/17/2016 6:00:00 PM 34016.410 1.018	590400.000 40096.707	64.857 25.754	17.061 27.266	146.096 29.398
8/17/2016 6:15:00 PM 34008.246 1.018	591300.000 40087.238	64.861 25.747	17.061 27.259	146.106 29.405
8/17/2016 6:30:00 PM 34041.559 1.018	592200.000 40126.578	64.860 25.775	17.060 27.286	146.103 29.376
8/17/2016 6:45:00 PM 34021.719 1.018	593100.000 40102.883	64.865 25.758	17.061 27.270	146.115 29.393
8/17/2016 7:00:00 PM 34034.590 1.018	594000.000 40119.004	64.867 25.769	17.060 27.281	146.118 29.382
8/17/2016 7:15:00 PM	594900.000	64.868	17.060	146.122

34024.523	40106.586	25.761	27.272	29.391
1.018				
8/17/2016 7:30:00 PM	595800.000	64.870	17.060	146.127
34019.859	40101.164	25.757	27.269	29.395
1.018				
8/17/2016 7:45:00 PM	596700.000	64.876	17.060	146.140
34018.484	40099.547	25.756	27.268	29.396
1.018				
8/17/2016 8:00:00 PM	597600.000	64.878	17.060	146.145
34011.973	40091.789	25.750	27.262	29.401
1.018				
8/17/2016 8:15:00 PM	598500.000	64.880	17.060	146.149
34011.000	40090.723	25.749	27.262	29.402
1.018				
8/17/2016 8:30:00 PM	599400.000	64.885	17.059	146.159
34014.254	40095.281	25.753	27.265	29.399
1.018				
8/17/2016 8:45:00 PM	600300.000	64.891	17.059	146.174
33977.242	40051.652	25.722	27.235	29.431
1.018				
8/17/2016 9:00:00 PM	601200.000	64.888	17.060	146.166
34019.926	40101.641	25.757	27.269	29.395
1.018				
8/17/2016 9:15:00 PM	602100.000	64.900	17.060	146.194
34022.191	40104.078	25.759	27.271	29.393
1.018				
8/17/2016 9:30:00 PM	603000.000	64.902	17.060	146.197
34001.879	40080.535	25.742	27.255	29.410
1.018				
8/17/2016 9:45:00 PM	603900.000	64.907	17.060	146.208
33998.840	40076.703	25.739	27.252	29.413
1.018				
8/17/2016 10:00:00 PM	604800.000	64.908	17.060	146.210
34008.867	40088.773	25.748	27.260	29.404
1.018				
8/17/2016 10:15:00 PM	605700.000	64.913	17.060	146.223
34012.152	40092.320	25.751	27.263	29.401
1.018				
8/17/2016 10:30:00 PM	606600.000	64.912	17.059	146.220
33987.637	40063.902	25.730	27.243	29.422
1.018				
8/17/2016 10:45:00 PM	607500.000	64.919	17.059	146.235
33986.902	40063.039	25.730	27.243	29.423
1.018				
8/17/2016 11:00:00 PM	608400.000	64.922	17.060	146.242
34029.809	40113.523	25.766	27.277	29.386
1.018				
8/17/2016 11:15:00 PM	609300.000	64.919	17.060	146.235
34005.355	40084.383	25.745	27.257	29.407
1.018				
8/17/2016 11:30:00 PM	610200.000	64.918	17.060	146.235
33986.105	40061.301	25.729	27.242	29.424
1.018				
8/17/2016 11:45:00 PM	611100.000	64.922	17.060	146.242
34004.277	40082.797	25.744	27.256	29.408
1.018				

Report Date: 8/19/2016 12:29:29 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3S Pre Test_2016-08-18_09-24-56-971.wsl
Create Date: 8/18/2016 9:24:16 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

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

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

Log Data:

Record Count: 717

Sensors: 1

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

Time Zone: Pacific Daylight 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	
396211	Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				

8/11/2016 12:00:00 AM	7200.000	18.531	16.947	41.743	
33907.047	40070.707	25.730	27.248	29.492	
1.018					
8/11/2016 12:15:00 AM	8100.000	18.532	16.947	41.745	
33921.320	40087.340	25.742	27.259	29.480	
1.018					
8/11/2016 12:30:00 AM	9000.000	18.534	16.946	41.749	
33870.355	40027.504	25.699	27.219	29.524	
1.018					
8/11/2016 12:45:00 AM	9900.000	18.534	16.948	41.749	
33891.953	40052.000	25.717	27.235	29.506	
1.018					
8/11/2016 1:00:00 AM	10800.000	18.535	16.947	41.751	
33899.309	40061.254	25.723	27.242	29.499	
1.018					
8/11/2016 1:15:00 AM	11700.000	18.535	16.947	41.751	
33912.934	40077.191	25.734	27.252	29.487	
1.018					
8/11/2016 1:30:00 AM	12600.000	18.530	16.947	41.741	
33883.980	40043.215	25.710	27.229	29.512	
1.018					
8/11/2016 1:45:00 AM	13500.000	18.534	16.947	41.749	
33870.934	40027.961	25.699	27.219	29.524	
1.018					
8/11/2016 2:00:00 AM	14400.000	18.533	16.947	41.748	
33921.168	40086.766	25.741	27.259	29.480	
1.018					
8/11/2016 2:15:00 AM	15300.000	18.531	16.947	41.744	
33859.996	40014.871	25.690	27.210	29.533	
1.018					
8/11/2016 2:30:00 AM	16200.000	18.531	16.947	41.742	
33888.520	40048.652	25.714	27.233	29.509	
1.018					

8/11/2016 2:45:00 AM 33875.438 1.018	17100.000 40033.602	18.532 25.703	16.946 27.223	41.745 29.520
8/11/2016 3:00:00 AM 33904.023 1.018	18000.000 40066.504	18.530 25.727	16.947 27.245	41.740 29.495
8/11/2016 3:15:00 AM 33891.781 1.018	18900.000 40053.227	18.531 25.717	16.946 27.236	41.744 29.506
8/11/2016 3:30:00 AM 33843.039 1.018	19800.000 39994.672	18.533 25.676	16.947 27.196	41.748 29.548
8/11/2016 3:45:00 AM 33870.152 1.018	20700.000 40026.715	18.535 25.699	16.947 27.218	41.751 29.525
8/11/2016 4:00:00 AM 33918.211 1.018	21600.000 40083.742	18.532 25.739	16.947 27.257	41.746 29.483
8/11/2016 4:15:00 AM 33885.680 1.018	22500.000 40045.457	18.531 25.712	16.947 27.231	41.742 29.511
8/11/2016 4:30:00 AM 33896.508 1.018	23400.000 40058.336	18.533 25.721	16.947 27.240	41.748 29.502
8/11/2016 4:45:00 AM 33874.629 1.018	24300.000 40032.004	18.532 25.702	16.947 27.222	41.745 29.521
8/11/2016 5:00:00 AM 33873.805 1.018	25200.000 40031.422	18.529 25.702	16.947 27.221	41.739 29.521
8/11/2016 5:15:00 AM 33867.855 1.018	26100.000 40024.160	18.530 25.697	16.947 27.216	41.741 29.527
8/11/2016 5:30:00 AM 33848.047 1.018	27000.000 40000.984	18.529 25.680	16.947 27.201	41.737 29.544
8/11/2016 5:45:00 AM 33863.895 1.018	27900.000 40020.027	18.529 25.694	16.946 27.214	41.737 29.530
8/11/2016 6:00:00 AM 33839.469 1.018	28800.000 39990.613	18.529 25.673	16.947 27.194	41.737 29.551
8/11/2016 6:15:00 AM 33885.680 1.018	29700.000 40044.984	18.529 25.712	16.947 27.231	41.739 29.511
8/11/2016 6:30:00 AM 33859.629 1.018	30600.000 40014.508	18.525 25.690	16.947 27.210	41.728 29.534
8/11/2016 6:45:00 AM 33859.980 1.018	31500.000 40015.332	18.529 25.690	16.946 27.210	41.737 29.533
8/11/2016 7:00:00 AM 33846.730 1.018	32400.000 39999.742	18.529 25.679	16.946 27.200	41.738 29.545
8/11/2016 7:15:00 AM 33870.891 1.018	33300.000 40028.137	18.526 25.700	16.946 27.219	41.732 29.524

8/11/2016 7:30:00 AM 33856.152 1.018	34200.000 40009.695	18.526 25.687	16.948 27.207	41.731 29.537
8/11/2016 7:45:00 AM 33849.453 1.018	35100.000 40002.801	18.524 25.682	16.946 27.202	41.727 29.543
8/11/2016 8:00:00 AM 33899.734 1.018	36000.000 40061.594	18.528 25.723	16.947 27.242	41.736 29.499
8/11/2016 8:15:00 AM 33877.902 1.018	36900.000 40035.957	18.526 25.705	16.947 27.224	41.731 29.518
8/11/2016 8:30:00 AM 33830.566 1.018	37800.000 39979.934	18.528 25.665	16.947 27.186	41.736 29.559
8/11/2016 8:45:00 AM 33832.633 1.018	38700.000 39982.605	18.523 25.667	16.947 27.188	41.726 29.557
8/11/2016 9:00:00 AM 33845.477 1.018	39600.000 39998.262	18.524 25.678	16.946 27.199	41.727 29.546
8/11/2016 9:15:00 AM 33825.805 1.018	40500.000 39974.699	18.523 25.662	16.947 27.183	41.725 29.563
8/11/2016 9:30:00 AM 33835.422 1.018	41400.000 39985.828	18.523 25.670	16.947 27.190	41.724 29.555
8/11/2016 9:45:00 AM 33867.574 1.018	42300.000 40023.824	18.524 25.697	16.947 27.216	41.727 29.527
8/11/2016 10:00:00 AM 33875.219 1.018	43200.000 40032.375	18.523 25.703	16.947 27.222	41.726 29.520
8/11/2016 10:15:00 AM 33804.137 1.018	44100.000 39948.699	18.524 25.643	16.947 27.165	41.727 29.582
8/11/2016 10:30:00 AM 33831.773 1.018	45000.000 39981.199	18.526 25.666	16.947 27.187	41.731 29.558
8/11/2016 10:45:00 AM 33862.668 1.018	45900.000 40017.953	18.522 25.692	16.947 27.212	41.722 29.531
8/11/2016 11:00:00 AM 33885.199 1.018	46800.000 40044.496	18.518 25.711	16.947 27.230	41.714 29.511
8/11/2016 11:15:00 AM 33836.113 1.018	47700.000 39986.328	18.521 25.670	16.947 27.191	41.719 29.554
8/11/2016 11:30:00 AM 33821.035 1.018	48600.000 39969.219	18.521 25.658	16.946 27.179	41.721 29.567
8/11/2016 11:45:00 AM 33826.820 1.018	49500.000 39975.738	18.522 25.662	16.947 27.184	41.723 29.562
8/11/2016 12:00:00 PM 33842.414 1.018	50400.000 39993.855	18.518 25.675	16.947 27.196	41.713 29.549

8/11/2016 12:15:00 PM	51300.000	18.518	16.947	41.715
33842.910	39994.680	25.676	27.196	29.548
1.018				
8/11/2016 12:30:00 PM	52200.000	18.526	16.947	41.731
33838.152	39988.980	25.672	27.193	29.552
1.018				
8/11/2016 12:45:00 PM	53100.000	18.519	16.947	41.716
33826.563	39975.285	25.662	27.183	29.563
1.018				
8/11/2016 1:00:00 PM	54000.000	18.522	16.947	41.723
33841.000	39992.344	25.674	27.195	29.550
1.018				
8/11/2016 1:15:00 PM	54900.000	18.518	16.947	41.713
33854.875	40008.980	25.686	27.206	29.538
1.018				
8/11/2016 1:30:00 PM	55800.000	18.520	16.947	41.718
33829.590	39979.254	25.665	27.186	29.560
1.018				
8/11/2016 1:45:00 PM	56700.000	18.517	16.947	41.712
33809.586	39955.371	25.648	27.170	29.577
1.018				
8/11/2016 2:00:00 PM	57600.000	18.518	16.947	41.714
33850.848	40003.984	25.682	27.203	29.541
1.018				
8/11/2016 2:15:00 PM	58500.000	18.518	16.947	41.713
33831.586	39981.531	25.666	27.187	29.558
1.018				
8/11/2016 2:30:00 PM	59400.000	18.515	16.947	41.707
33843.277	39995.277	25.676	27.197	29.548
1.018				
8/11/2016 2:45:00 PM	60300.000	18.516	16.947	41.709
33834.648	39984.520	25.669	27.189	29.556
1.018				
8/11/2016 3:00:00 PM	61200.000	18.516	16.947	41.709
33816.750	39963.605	25.654	27.175	29.571
1.018				
8/11/2016 3:15:00 PM	62100.000	18.517	16.947	41.712
33839.938	39991.008	25.673	27.194	29.551
1.018				
8/11/2016 3:30:00 PM	63000.000	18.515	16.947	41.708
33806.879	39952.262	25.646	27.168	29.580
1.018				
8/11/2016 3:45:00 PM	63900.000	18.518	16.947	41.714
33847.664	40000.297	25.680	27.200	29.544
1.018				
8/11/2016 4:00:00 PM	64800.000	18.518	16.947	41.713
33843.129	39994.781	25.676	27.196	29.548
1.018				
8/11/2016 4:15:00 PM	65700.000	18.517	16.947	41.712
33834.016	39984.008	25.668	27.189	29.556
1.018				
8/11/2016 4:30:00 PM	66600.000	18.515	16.946	41.707
33840.113	39991.766	25.674	27.194	29.551
1.018				
8/11/2016 4:45:00 PM	67500.000	18.516	16.947	41.709
33838.320	39989.020	25.672	27.193	29.552
1.018				

8/11/2016 5:00:00 PM 33834.930 1.018	68400.000 39984.762	18.517 25.669	16.947 27.190	41.712 29.555
8/11/2016 5:15:00 PM 33829.523 1.018	69300.000 39978.859	18.515 25.665	16.947 27.186	41.708 29.560
8/11/2016 5:30:00 PM 33840.773 1.018	70200.000 39992.547	18.515 25.674	16.946 27.195	41.708 29.550
8/11/2016 5:45:00 PM 33830.645 1.018	71100.000 39979.945	18.514 25.665	16.947 27.186	41.704 29.559
8/11/2016 6:00:00 PM 33848.621 1.018	72000.000 40001.590	18.514 25.681	16.947 27.201	41.705 29.543
8/11/2016 6:15:00 PM 33809.375 1.018	72900.000 39955.438	18.512 25.648	16.946 27.170	41.701 29.578
8/11/2016 6:30:00 PM 33855.578 1.018	73800.000 40010.133	18.517 25.687	16.946 27.207	41.712 29.537
8/11/2016 6:45:00 PM 33846.836 1.018	74700.000 39999.949	18.511 25.680	16.946 27.200	41.698 29.545
8/11/2016 7:00:00 PM 33870.090 1.018	75600.000 40027.281	18.516 25.699	16.946 27.219	41.709 29.525
8/11/2016 7:15:00 PM 33850.227 1.018	76500.000 40003.559	18.516 25.682	16.947 27.202	41.709 29.542
8/11/2016 7:30:00 PM 33846.988 1.018	77400.000 40000.047	18.513 25.680	16.946 27.200	41.703 29.545
8/11/2016 7:45:00 PM 33834.910 1.018	78300.000 39985.617	18.515 25.669	16.946 27.190	41.707 29.555
8/11/2016 8:00:00 PM 33839.070 1.018	79200.000 39990.066	18.511 25.673	16.947 27.193	41.699 29.552
8/11/2016 8:15:00 PM 33848.207 1.018	80100.000 40001.254	18.514 25.680	16.947 27.201	41.705 29.544
8/11/2016 8:30:00 PM 33819.059 1.018	81000.000 39966.809	18.516 25.656	16.947 27.177	41.710 29.569
8/11/2016 8:45:00 PM 33849.781 1.018	81900.000 40003.430	18.510 25.682	16.946 27.202	41.695 29.542
8/11/2016 9:00:00 PM 33876.723 1.018	82800.000 40034.711	18.511 25.704	16.947 27.224	41.699 29.519
8/11/2016 9:15:00 PM 33891.863 1.018	83700.000 40052.848	18.513 25.717	16.947 27.236	41.702 29.506
8/11/2016 9:30:00 PM 33869.465 1.018	84600.000 40026.691	18.511 25.699	16.946 27.218	41.698 29.525

8/11/2016 9:45:00 PM 33870.535 1.018	85500.000 40027.875	18.512 25.699	16.946 27.219	41.699 29.524
8/11/2016 10:00:00 PM 33878.754 1.018	86400.000 40037.273	18.513 25.706	16.947 27.225	41.703 29.517
8/11/2016 10:15:00 PM 33844.840 1.018	87300.000 39997.191	18.514 25.678	16.947 27.198	41.704 29.547
8/11/2016 10:30:00 PM 33838.246 1.018	88200.000 39989.168	18.509 25.672	16.947 27.193	41.694 29.552
8/11/2016 10:45:00 PM 33897.137 1.018	89100.000 40058.688	18.511 25.721	16.947 27.240	41.698 29.501
8/11/2016 11:00:00 PM 33860.188 1.018	90000.000 40015.578	18.515 25.691	16.946 27.211	41.707 29.533
8/11/2016 11:15:00 PM 33847.301 1.018	90900.000 40000.102	18.511 25.680	16.947 27.200	41.699 29.544
8/11/2016 11:30:00 PM 33840.723 1.018	91800.000 39991.938	18.510 25.674	16.947 27.195	41.695 29.550
8/11/2016 11:45:00 PM 33802.594 1.018	92700.000 39947.105	18.512 25.642	16.947 27.164	41.699 29.584
8/12/2016 12:00:00 AM 33849.832 1.018	93600.000 40003.250	18.506 25.682	16.946 27.202	41.687 29.542
8/12/2016 12:15:00 AM 33883.586 1.018	94500.000 40042.672	18.508 25.710	16.947 27.229	41.691 29.513
8/12/2016 12:30:00 AM 33869.734 1.018	95400.000 40026.613	18.509 25.699	16.947 27.218	41.694 29.525
8/12/2016 12:45:00 AM 33828.988 1.018	96300.000 39978.301	18.510 25.664	16.947 27.185	41.696 29.560
8/12/2016 1:00:00 AM 33879.070 1.018	97200.000 40037.574	18.508 25.706	16.947 27.226	41.691 29.517
8/12/2016 1:15:00 AM 33901.676 1.018	98100.000 40064.051	18.510 25.725	16.947 27.244	41.696 29.497
8/12/2016 1:30:00 AM 33860.813 1.018	99000.000 40016.000	18.510 25.691	16.947 27.211	41.695 29.533
8/12/2016 1:45:00 AM 33867.902 1.018	99900.000 40023.820	18.511 25.697	16.947 27.216	41.699 29.526
8/12/2016 2:00:00 AM 33849.258 1.018	100800.000 40002.660	18.509 25.681	16.946 27.202	41.694 29.543
8/12/2016 2:15:00 AM 33860.445 1.018	101700.000 40015.242	18.506 25.690	16.947 27.210	41.686 29.533

8/12/2016 2:30:00 AM 33890.648 1.018	102600.000 40051.488	18.510 25.716	16.946 27.235	41.695 29.507
8/12/2016 2:45:00 AM 33879.563 1.018	103500.000 40038.387	18.512 25.707	16.946 27.226	41.699 29.516
8/12/2016 3:00:00 AM 33853.051 1.018	104400.000 40006.824	18.509 25.684	16.947 27.205	41.694 29.539
8/12/2016 3:15:00 AM 33848.520 1.018	105300.000 40001.699	18.509 25.681	16.946 27.201	41.694 29.543
8/12/2016 3:30:00 AM 33873.941 1.018	106200.000 40031.516	18.510 25.702	16.947 27.221	41.696 29.521
8/12/2016 3:45:00 AM 33869.766 1.018	107100.000 40026.578	18.508 25.698	16.947 27.218	41.690 29.525
8/12/2016 4:00:00 AM 33854.141 1.018	108000.000 40007.793	18.513 25.685	16.947 27.205	41.701 29.538
8/12/2016 4:15:00 AM 33859.914 1.018	108900.000 40014.695	18.509 25.690	16.947 27.210	41.693 29.533
8/12/2016 4:30:00 AM 33863.664 1.018	109800.000 40018.887	18.509 25.693	16.947 27.213	41.694 29.530
8/12/2016 4:45:00 AM 33853.195 1.018	110700.000 40006.832	18.513 25.684	16.947 27.205	41.701 29.539
8/12/2016 5:00:00 AM 33835.023 1.018	111600.000 39985.121	18.510 25.669	16.947 27.190	41.696 29.555
8/12/2016 5:15:00 AM 33865.789 1.018	112500.000 40021.230	18.509 25.695	16.947 27.214	41.693 29.528
8/12/2016 5:30:00 AM 33855.277 1.018	113400.000 40009.219	18.507 25.686	16.947 27.206	41.689 29.537
8/12/2016 5:45:00 AM 33837.211 1.018	114300.000 39988.176	18.509 25.671	16.947 27.192	41.694 29.553
8/12/2016 6:00:00 AM 33832.027 1.018	115200.000 39982.211	18.507 25.667	16.946 27.188	41.689 29.558
8/12/2016 6:15:00 AM 33839.445 1.018	116100.000 39990.348	18.509 25.673	16.947 27.193	41.693 29.551
8/12/2016 6:30:00 AM 33866.883 1.018	117000.000 40023.402	18.509 25.696	16.946 27.216	41.692 29.527
8/12/2016 6:45:00 AM 33850.785 1.018	117900.000 40003.668	18.508 25.682	16.947 27.202	41.691 29.541
8/12/2016 7:00:00 AM 33838.434 1.018	118800.000 39990.020	18.509 25.672	16.946 27.193	41.693 29.552

8/12/2016 7:15:00 AM 33882.613 1.018	119700.000 40041.363	18.510 25.709	16.947 27.228	41.697 29.514
8/12/2016 7:30:00 AM 33852.918 1.018	120600.000 40006.504	18.514 25.684	16.947 27.204	41.704 29.540
8/12/2016 7:45:00 AM 33884.383 1.018	121500.000 40043.926	18.510 25.711	16.947 27.230	41.696 29.512
8/12/2016 8:00:00 AM 33851.980 1.018	122400.000 40005.789	18.514 25.684	16.946 27.204	41.705 29.540
8/12/2016 8:15:00 AM 33889.941 1.018	123300.000 40050.332	18.508 25.715	16.947 27.234	41.691 29.507
8/12/2016 8:30:00 AM 33869.305 1.018	124200.000 40026.188	18.513 25.698	16.947 27.218	41.702 29.525
8/12/2016 8:45:00 AM 33851.305 1.018	125100.000 40004.762	18.512 25.683	16.947 27.203	41.701 29.541
8/12/2016 9:00:00 AM 33866.652 1.018	126000.000 40022.738	18.511 25.696	16.947 27.215	41.698 29.528
8/12/2016 9:15:00 AM 33872.453 1.018	126900.000 40029.824	18.509 25.701	16.947 27.220	41.694 29.523
8/12/2016 9:30:00 AM 33897.461 1.018	127800.000 40059.309	18.513 25.722	16.947 27.240	41.702 29.501
8/12/2016 9:45:00 AM 33878.785 1.018	128700.000 40037.391	18.514 25.706	16.947 27.225	41.704 29.517
8/12/2016 10:00:00 AM 33839.480 1.018	129600.000 39991.105	18.513 25.673	16.946 27.194	41.703 29.551
8/12/2016 10:15:00 AM 33893.090 1.018	130500.000 40054.461	18.514 25.718	16.946 27.237	41.705 29.505
8/12/2016 10:30:00 AM 33864.883 1.018	131400.000 40020.570	18.512 25.694	16.947 27.214	41.701 29.529
8/12/2016 10:45:00 AM 33894.707 1.018	132300.000 40055.965	18.511 25.719	16.947 27.238	41.699 29.503
8/12/2016 11:00:00 AM 33895.711 1.018	133200.000 40057.313	18.511 25.720	16.947 27.239	41.698 29.502
8/12/2016 11:15:00 AM 33881.801 1.018	134100.000 40040.871	18.509 25.709	16.947 27.228	41.694 29.514
8/12/2016 11:30:00 AM 33861.336 1.018	135000.000 40016.379	18.510 25.691	16.947 27.211	41.695 29.532
8/12/2016 11:45:00 AM 33850.746 1.018	135900.000 40003.781	18.510 25.682	16.947 27.203	41.697 29.541

8/12/2016 12:00:00 PM 33862.074 1.018	136800.000 40016.840	18.511 25.692	16.947 27.211	41.699 29.532
8/12/2016 12:15:00 PM 33871.445 1.018	137700.000 40028.715	18.508 25.700	16.947 27.220	41.691 29.523
8/12/2016 12:30:00 PM 33909.422 1.018	138600.000 40073.672	18.513 25.732	16.946 27.250	41.701 29.490
8/12/2016 12:45:00 PM 33865.629 1.018	139500.000 40021.371	18.510 25.695	16.947 27.215	41.696 29.528
8/12/2016 1:00:00 PM 33869.652 1.018	140400.000 40026.445	18.511 25.698	16.947 27.218	41.698 29.525
8/12/2016 1:15:00 PM 33878.516 1.018	141300.000 40037.148	18.509 25.706	16.946 27.225	41.694 29.517
8/12/2016 1:30:00 PM 33901.234 1.018	142200.000 40063.770	18.510 25.725	16.947 27.243	41.696 29.497
8/12/2016 1:45:00 PM 33898.734 1.018	143100.000 40060.648	18.510 25.723	16.947 27.241	41.697 29.500
8/12/2016 2:00:00 PM 33870.809 1.018	144000.000 40027.723	18.510 25.699	16.947 27.219	41.696 29.524
8/12/2016 2:15:00 PM 33856.508 1.018	144900.000 40010.590	18.513 25.687	16.947 27.207	41.702 29.536
8/12/2016 2:30:00 PM 33858.293 1.018	145800.000 40012.465	18.512 25.688	16.947 27.208	41.701 29.535
8/12/2016 2:45:00 PM 33858.121 1.018	146700.000 40012.496	18.512 25.689	16.947 27.208	41.699 29.535
8/12/2016 3:00:00 PM 33859.820 1.018	147600.000 40013.945	18.513 25.690	16.948 27.209	41.703 29.534
8/12/2016 3:15:00 PM 33896.410 1.018	148500.000 40057.109	18.514 25.720	16.948 27.239	41.704 29.502
8/12/2016 3:30:00 PM 33892.688 1.018	149400.000 40052.789	18.513 25.717	16.948 27.236	41.702 29.505
8/12/2016 3:45:00 PM 33862.402 1.018	150300.000 40017.395	18.513 25.692	16.947 27.212	41.702 29.531
8/12/2016 4:00:00 PM 33849.242 1.018	151200.000 40001.676	18.513 25.681	16.947 27.201	41.701 29.543
8/12/2016 4:15:00 PM 33867.941 1.018	152100.000 40024.574	18.513 25.697	16.947 27.217	41.702 29.526
8/12/2016 4:30:00 PM 33867.867 1.018	153000.000 40024.246	18.514 25.697	16.947 27.216	41.704 29.527

8/12/2016 4:45:00 PM 33884.313 1.018	153900.000 40043.121	18.514 25.710	16.947 27.229	41.704 29.512
8/12/2016 5:00:00 PM 33879.621 1.018	154800.000 40037.906	18.514 25.707	16.947 27.226	41.704 29.516
8/12/2016 5:15:00 PM 33849.977 1.018	155700.000 40003.031	18.512 25.682	16.947 27.202	41.701 29.542
8/12/2016 5:30:00 PM 33894.953 1.018	156600.000 40056.180	18.516 25.720	16.947 27.238	41.709 29.503
8/12/2016 5:45:00 PM 33866.195 1.018	157500.000 40022.121	18.513 25.695	16.947 27.215	41.702 29.528
8/12/2016 6:00:00 PM 33885.293 1.018	158400.000 40045.156	18.518 25.712	16.946 27.231	41.713 29.511
8/12/2016 6:15:00 PM 33879.020 1.018	159300.000 40036.957	18.513 25.706	16.947 27.225	41.703 29.517
8/12/2016 6:30:00 PM 33846.527 1.018	160200.000 39999.188	18.511 25.679	16.947 27.199	41.699 29.545
8/12/2016 6:45:00 PM 33881.438 1.018	161100.000 40039.973	18.515 25.708	16.947 27.227	41.706 29.515
8/12/2016 7:00:00 PM 33916.797 1.018	162000.000 40081.602	18.517 25.738	16.947 27.255	41.712 29.484
8/12/2016 7:15:00 PM 33891.996 1.018	162900.000 40052.609	18.516 25.717	16.947 27.236	41.709 29.505
8/12/2016 7:30:00 PM 33895.891 1.018	163800.000 40057.363	18.517 25.720	16.947 27.239	41.712 29.502
8/12/2016 7:45:00 PM 33886.348 1.018	164700.000 40045.773	18.517 25.712	16.947 27.231	41.712 29.510
8/12/2016 8:00:00 PM 33922.313 1.018	165600.000 40088.355	18.515 25.742	16.947 27.260	41.707 29.479
8/12/2016 8:15:00 PM 33900.984 1.018	166500.000 40063.383	18.516 25.725	16.947 27.243	41.709 29.498
8/12/2016 8:30:00 PM 33882.594 1.018	167400.000 40041.418	18.517 25.709	16.947 27.228	41.712 29.514
8/12/2016 8:45:00 PM 33888.953 1.018	168300.000 40049.164	18.517 25.715	16.947 27.233	41.712 29.508
8/12/2016 9:00:00 PM 33941.887 1.018	169200.000 40111.328	18.521 25.759	16.947 27.276	41.720 29.462
8/12/2016 9:15:00 PM 33879.313 1.018	170100.000 40037.141	18.518 25.706	16.947 27.225	41.714 29.517

8/12/2016 9:30:00 PM 33931.008 1.018	171000.000 40099.023	18.520 25.750	16.947 27.267	41.718 29.472
8/12/2016 9:45:00 PM 33903.305 1.018	171900.000 40065.730	18.519 25.726	16.947 27.245	41.716 29.496
8/12/2016 10:00:00 PM 33904.066 1.018	172800.000 40067.500	18.519 25.728	16.946 27.246	41.716 29.495
8/12/2016 10:15:00 PM 33908.563 1.018	173700.000 40072.266	18.524 25.731	16.947 27.249	41.728 29.491
8/12/2016 10:30:00 PM 33931.305 1.018	174600.000 40099.457	18.519 25.750	16.947 27.268	41.716 29.471
8/12/2016 10:45:00 PM 33940.039 1.018	175500.000 40109.625	18.522 25.758	16.947 27.275	41.722 29.464
8/12/2016 11:00:00 PM 33932.672 1.018	176400.000 40100.758	18.518 25.751	16.947 27.269	41.715 29.470
8/12/2016 11:15:00 PM 33941.461 1.018	177300.000 40111.535	18.522 25.759	16.946 27.276	41.723 29.462
8/12/2016 11:30:00 PM 33913.020 1.018	178200.000 40077.695	18.521 25.735	16.947 27.253	41.720 29.487
8/12/2016 11:45:00 PM 33914.375 1.018	179100.000 40078.977	18.521 25.736	16.947 27.254	41.720 29.486
8/13/2016 12:00:00 AM 33947.363 1.018	180000.000 40117.801	18.526 25.763	16.947 27.280	41.731 29.457
8/13/2016 12:15:00 AM 33923.621 1.018	180900.000 40090.063	18.528 25.744	16.947 27.261	41.737 29.478
8/13/2016 12:30:00 AM 33929.457 1.018	181800.000 40096.957	18.526 25.749	16.947 27.266	41.731 29.473
8/13/2016 12:45:00 AM 33950.684 1.018	182700.000 40121.406	18.526 25.766	16.948 27.283	41.731 29.454
8/13/2016 1:00:00 AM 33922.945 1.018	183600.000 40089.746	18.530 25.743	16.946 27.261	41.740 29.479
8/13/2016 1:15:00 AM 33919.066 1.018	184500.000 40084.281	18.525 25.740	16.947 27.257	41.730 29.482
8/13/2016 1:30:00 AM 33955.488 1.018	185400.000 40127.793	18.525 25.770	16.947 27.287	41.730 29.450
8/13/2016 1:45:00 AM 33930.988 1.018	186300.000 40099.082	18.527 25.750	16.947 27.267	41.734 29.472
8/13/2016 2:00:00 AM 33941.508 1.018	187200.000 40110.641	18.525 25.758	16.947 27.275	41.728 29.462

8/13/2016 2:15:00 AM 33908.504 1.018	188100.000 40072.270	18.529 25.731	16.947 27.249	41.739 29.491
8/13/2016 2:30:00 AM 33931.574 1.018	189000.000 40098.504	18.531 25.750	16.948 27.267	41.742 29.471
8/13/2016 2:45:00 AM 33893.117 1.018	189900.000 40053.617	18.530 25.718	16.947 27.236	41.740 29.505
8/13/2016 3:00:00 AM 33893.457 1.018	190800.000 40053.777	18.533 25.718	16.948 27.237	41.748 29.504
8/13/2016 3:15:00 AM 33886.020 1.018	191700.000 40045.305	18.530 25.712	16.947 27.231	41.741 29.511
8/13/2016 3:30:00 AM 33895.430 1.018	192600.000 40055.867	18.531 25.719	16.948 27.238	41.743 29.503
8/13/2016 3:45:00 AM 33888.078 1.018	193500.000 40047.500	18.532 25.713	16.947 27.232	41.745 29.509
8/13/2016 4:00:00 AM 33897.785 1.018	194400.000 40058.652	18.532 25.721	16.948 27.240	41.746 29.500
8/13/2016 4:15:00 AM 33887.629 1.018	195300.000 40047.207	18.529 25.713	16.947 27.232	41.737 29.509
8/13/2016 4:30:00 AM 33871.117 1.018	196200.000 40027.137	18.532 25.699	16.948 27.218	41.746 29.524
8/13/2016 4:45:00 AM 33882.645 1.018	197100.000 40040.840	18.532 25.709	16.948 27.228	41.745 29.514
8/13/2016 5:00:00 AM 33885.523 1.018	198000.000 40044.402	18.533 25.711	16.948 27.230	41.748 29.511
8/13/2016 5:15:00 AM 33888.012 1.018	198900.000 40048.141	18.530 25.714	16.947 27.233	41.740 29.509
8/13/2016 5:30:00 AM 33873.563 1.018	199800.000 40030.977	18.533 25.702	16.947 27.221	41.748 29.522
8/13/2016 5:45:00 AM 33895.531 1.018	200700.000 40056.148	18.534 25.720	16.948 27.238	41.749 29.502
8/13/2016 6:00:00 AM 33837.547 1.018	201600.000 39987.230	18.535 25.671	16.948 27.191	41.753 29.553
8/13/2016 6:15:00 AM 33894.258 1.018	202500.000 40055.203	18.533 25.719	16.947 27.238	41.747 29.504
8/13/2016 6:30:00 AM 33833.027 1.018	203400.000 39983.000	18.532 25.668	16.947 27.188	41.746 29.557
8/13/2016 6:45:00 AM 33870.867 1.018	204300.000 40026.840	18.532 25.699	16.948 27.218	41.745 29.524

8/13/2016 7:00:00 AM 33880.965 1.018	205200.000 40039.883	18.539 25.708	16.947 27.227	41.761 29.515
8/13/2016 7:15:00 AM 33852.176 1.018	206100.000 40005.469	18.537 25.684	16.947 27.204	41.756 29.540
8/13/2016 7:30:00 AM 33865.973 1.018	207000.000 40021.613	18.534 25.695	16.947 27.215	41.749 29.528
8/13/2016 7:45:00 AM 33869.844 1.018	207900.000 40025.793	18.537 25.698	16.948 27.218	41.756 29.525
8/13/2016 8:00:00 AM 33855.332 1.018	208800.000 40009.039	18.533 25.686	16.947 27.206	41.748 29.537
8/13/2016 8:15:00 AM 33849.371 1.018	209700.000 40002.078	18.537 25.681	16.947 27.201	41.758 29.543
8/13/2016 8:30:00 AM 33887.211 1.018	210600.000 40046.715	18.535 25.713	16.947 27.232	41.753 29.510
8/13/2016 8:45:00 AM 33858.203 1.018	211500.000 40012.355	18.535 25.688	16.947 27.208	41.753 29.535
8/13/2016 9:00:00 AM 33868.680 1.018	212400.000 40025.367	18.541 25.698	16.947 27.217	41.766 29.526
8/13/2016 9:15:00 AM 33857.020 1.018	213300.000 40011.277	18.537 25.688	16.947 27.208	41.756 29.536
8/13/2016 9:30:00 AM 33841.441 1.018	214200.000 39992.547	18.542 25.674	16.947 27.195	41.767 29.550
8/13/2016 9:45:00 AM 33844.281 1.018	215100.000 39995.742	18.540 25.677	16.947 27.197	41.764 29.547
8/13/2016 10:00:00 AM 33858.047 1.018	216000.000 40011.852	18.538 25.688	16.948 27.208	41.759 29.535
8/13/2016 10:15:00 AM 33848.270 1.018	216900.000 40000.379	18.539 25.680	16.948 27.200	41.761 29.544
8/13/2016 10:30:00 AM 33885.203 1.018	217800.000 40044.824	18.536 25.711	16.947 27.230	41.754 29.511
8/13/2016 10:45:00 AM 33899.195 1.018	218700.000 40061.117	18.540 25.723	16.947 27.242	41.764 29.499
8/13/2016 11:00:00 AM 33851.285 1.018	219600.000 40004.090	18.539 25.683	16.947 27.203	41.760 29.541
8/13/2016 11:15:00 AM 33868.789 1.018	220500.000 40025.336	18.536 25.698	16.947 27.217	41.755 29.526
8/13/2016 11:30:00 AM 33857.184 1.018	221400.000 40011.547	18.541 25.688	16.947 27.208	41.765 29.536

8/13/2016 11:45:00 AM 33928.340 1.018	222300.000 40095.480	18.537 25.747	16.947 27.265	41.758 29.474
8/13/2016 12:00:00 PM 33864.734 1.018	223200.000 40019.910	18.541 25.694	16.947 27.214	41.765 29.529
8/13/2016 12:15:00 PM 33875.418 1.018	224100.000 40033.410	18.537 25.703	16.947 27.223	41.756 29.520
8/13/2016 12:30:00 PM 33884.234 1.018	225000.000 40043.680	18.540 25.711	16.947 27.230	41.763 29.512
8/13/2016 12:45:00 PM 33868.410 1.018	225900.000 40024.578	18.540 25.697	16.947 27.217	41.762 29.526
8/13/2016 1:00:00 PM 33888.973 1.018	226800.000 40048.555	18.543 25.714	16.947 27.233	41.771 29.508
8/13/2016 1:15:00 PM 33883.379 1.018	227700.000 40042.109	18.543 25.710	16.947 27.229	41.770 29.513
8/13/2016 1:30:00 PM 33880.133 1.018	228600.000 40038.590	18.545 25.707	16.947 27.226	41.775 29.516
8/13/2016 1:45:00 PM 33896.461 1.018	229500.000 40058.035	18.546 25.721	16.947 27.239	41.776 29.502
8/13/2016 2:00:00 PM 33855.707 1.018	230400.000 40009.566	18.542 25.686	16.947 27.207	41.767 29.537
8/13/2016 2:15:00 PM 33897.137 1.018	231300.000 40058.441	18.548 25.721	16.947 27.240	41.781 29.501
8/13/2016 2:30:00 PM 33887.285 1.018	232200.000 40046.563	18.548 25.713	16.947 27.232	41.781 29.510
8/13/2016 2:45:00 PM 33919.164 1.018	233100.000 40084.156	18.543 25.739	16.948 27.257	41.769 29.482
8/13/2016 3:00:00 PM 33877.027 1.018	234000.000 40034.762	18.549 25.704	16.947 27.224	41.784 29.519
8/13/2016 3:15:00 PM 33893.395 1.018	234900.000 40054.020	18.551 25.718	16.947 27.237	41.787 29.504
8/13/2016 3:30:00 PM 33963.289 1.018	235800.000 40136.621	18.554 25.777	16.947 27.293	41.795 29.444
8/13/2016 3:45:00 PM 33919.539 1.018	236700.000 40085.000	18.556 25.740	16.947 27.258	41.800 29.482
8/13/2016 4:00:00 PM 33929.121 1.018	237600.000 40096.484	18.554 25.748	16.947 27.266	41.795 29.473
8/13/2016 4:15:00 PM 33934.266 1.018	238500.000 40102.480	18.554 25.752	16.947 27.270	41.794 29.469

8/13/2016 4:30:00 PM 33941.449 1.018	239400.000 40110.809	18.556 25.758	16.947 27.275	41.800 29.463
8/13/2016 4:45:00 PM 33940.250 1.018	240300.000 40109.637	18.556 25.758	16.947 27.275	41.799 29.464
8/13/2016 5:00:00 PM 33974.711 1.018	241200.000 40149.949	18.559 25.786	16.947 27.302	41.806 29.434
8/13/2016 5:15:00 PM 33942.133 1.018	242100.000 40112.012	18.562 25.759	16.947 27.276	41.813 29.462
8/13/2016 5:30:00 PM 33966.121 1.018	243000.000 40139.727	18.565 25.779	16.947 27.295	41.820 29.441
8/13/2016 5:45:00 PM 34002.477 1.018	243900.000 40183.250	18.562 25.810	16.947 27.325	41.813 29.410
8/13/2016 6:00:00 PM 33983.277 1.018	244800.000 40160.324	18.563 25.794	16.947 27.309	41.816 29.426
8/13/2016 6:15:00 PM 34019.859 1.018	245700.000 40203.867	18.566 25.824	16.947 27.339	41.822 29.395
8/13/2016 6:30:00 PM 34008.406 1.018	246600.000 40189.938	18.565 25.815	16.947 27.329	41.820 29.404
8/13/2016 6:45:00 PM 34012.625 1.018	247500.000 40195.477	18.571 25.819	16.947 27.333	41.833 29.401
8/13/2016 7:00:00 PM 34046.699 1.019	248400.000 40234.793	18.571 25.847	16.948 27.360	41.833 29.371
8/13/2016 7:15:00 PM 34063.039 1.019	249300.000 40254.664	18.569 25.861	16.947 27.373	41.829 29.357
8/13/2016 7:30:00 PM 34009.086 1.018	250200.000 40191.227	18.574 25.816	16.947 27.330	41.841 29.404
8/13/2016 7:45:00 PM 34029.676 1.019	251100.000 40215.469	18.572 25.833	16.947 27.347	41.836 29.386
8/13/2016 8:00:00 PM 34098.492 1.019	252000.000 40296.953	18.572 25.891	16.947 27.402	41.834 29.327
8/13/2016 8:15:00 PM 34062.262 1.019	252900.000 40253.664	18.574 25.860	16.947 27.372	41.839 29.358
8/13/2016 8:30:00 PM 34067.059 1.019	253800.000 40259.414	18.577 25.864	16.947 27.376	41.845 29.354
8/13/2016 8:45:00 PM 34085.477 1.019	254700.000 40281.262	18.579 25.880	16.947 27.391	41.852 29.338
8/13/2016 9:00:00 PM 34068.227 1.019	255600.000 40260.875	18.580 25.865	16.947 27.377	41.854 29.353

8/13/2016 9:15:00 PM 34076.652 1.019	256500.000 40270.832	18.581 25.872	16.947 27.384	41.856 29.346
8/13/2016 9:30:00 PM 34099.566 1.019	257400.000 40297.828	18.581 25.891	16.947 27.403	41.856 29.326
8/13/2016 9:45:00 PM 34078.285 1.019	258300.000 40272.352	18.582 25.873	16.947 27.385	41.859 29.344
8/13/2016 10:00:00 PM 34075.664 1.019	259200.000 40269.504	18.585 25.871	16.947 27.383	41.866 29.346
8/13/2016 10:15:00 PM 34083.926 1.019	260100.000 40279.578	18.584 25.878	16.947 27.390	41.863 29.339
8/13/2016 10:30:00 PM 34083.125 1.019	261000.000 40278.875	18.587 25.878	16.947 27.390	41.869 29.340
8/13/2016 10:45:00 PM 34064.000 1.019	261900.000 40255.637	18.586 25.861	16.947 27.374	41.867 29.357
8/13/2016 11:00:00 PM 34104.309 1.019	262800.000 40303.273	18.587 25.895	16.947 27.406	41.869 29.322
8/13/2016 11:15:00 PM 34091.129 1.019	263700.000 40287.297	18.589 25.884	16.948 27.395	41.873 29.333
8/13/2016 11:30:00 PM 34073.695 1.019	264600.000 40267.488	18.595 25.870	16.947 27.382	41.886 29.348
8/13/2016 11:45:00 PM 34100.836 1.019	265500.000 40299.250	18.587 25.892	16.947 27.403	41.870 29.325
8/14/2016 12:00:00 AM 34121.547 1.019	266400.000 40323.965	18.593 25.910	16.947 27.420	41.882 29.307
8/14/2016 12:15:00 AM 34157.141 1.019	267300.000 40365.707	18.593 25.940	16.947 27.449	41.883 29.276
8/14/2016 12:30:00 AM 34122.813 1.019	268200.000 40324.973	18.591 25.911	16.947 27.421	41.878 29.306
8/14/2016 12:45:00 AM 34145.578 1.019	269100.000 40352.043	18.595 25.930	16.947 27.439	41.886 29.286
8/14/2016 1:00:00 AM 34127.563 1.019	270000.000 40330.836	18.597 25.915	16.947 27.425	41.893 29.302
8/14/2016 1:15:00 AM 34178.145 1.019	270900.000 40390.527	18.597 25.957	16.947 27.466	41.893 29.258
8/14/2016 1:30:00 AM 34149.453 1.019	271800.000 40356.453	18.599 25.933	16.947 27.442	41.896 29.283
8/14/2016 1:45:00 AM 34121.770 1.019	272700.000 40323.906	18.603 25.910	16.947 27.420	41.906 29.307

8/14/2016 2:00:00 AM 34137.191 1.019	273600.000 40343.008	18.605 25.923	16.946 27.433	41.909 29.294
8/14/2016 2:15:00 AM 34182.844 1.019	274500.000 40396.242	18.605 25.961	16.947 27.469	41.911 29.254
8/14/2016 2:30:00 AM 34164.457 1.019	275400.000 40374.516	18.603 25.946	16.947 27.455	41.904 29.270
8/14/2016 2:45:00 AM 34172.543 1.019	276300.000 40384.070	18.606 25.953	16.947 27.461	41.912 29.263
8/14/2016 3:00:00 AM 34201.961 1.019	277200.000 40419.230	18.609 25.978	16.947 27.485	41.918 29.238
8/14/2016 3:15:00 AM 34177.301 1.019	278100.000 40390.250	18.607 25.957	16.946 27.465	41.914 29.259
8/14/2016 3:30:00 AM 34203.688 1.019	279000.000 40420.875	18.611 25.979	16.947 27.486	41.922 29.237
8/14/2016 3:45:00 AM 34159.285 1.019	279900.000 40368.484	18.613 25.942	16.947 27.451	41.927 29.275
8/14/2016 4:00:00 AM 34163.289 1.019	280800.000 40373.293	18.609 25.945	16.947 27.454	41.919 29.271
8/14/2016 4:15:00 AM 34208.586 1.019	281700.000 40426.746	18.610 25.983	16.947 27.490	41.920 29.232
8/14/2016 4:30:00 AM 34196.176 1.019	282600.000 40412.000	18.613 25.973	16.947 27.480	41.928 29.243
8/14/2016 4:45:00 AM 34203.000 1.019	283500.000 40419.902	18.614 25.978	16.947 27.486	41.930 29.237
8/14/2016 5:00:00 AM 34189.977 1.019	284400.000 40404.758	18.618 25.967	16.947 27.475	41.940 29.248
8/14/2016 5:15:00 AM 34229.559 1.019	285300.000 40451.449	18.618 26.001	16.947 27.507	41.938 29.215
8/14/2016 5:30:00 AM 34198.590 1.019	286200.000 40414.523	18.622 25.974	16.947 27.482	41.947 29.241
8/14/2016 5:45:00 AM 34189.383 1.019	287100.000 40404.527	18.620 25.967	16.946 27.475	41.943 29.249
8/14/2016 6:00:00 AM 34190.879 1.019	288000.000 40405.820	18.619 25.968	16.947 27.476	41.941 29.248
8/14/2016 6:15:00 AM 34221.004 1.019	288900.000 40441.574	18.621 25.994	16.947 27.500	41.945 29.222
8/14/2016 6:30:00 AM 34187.074 1.019	289800.000 40402.203	18.625 25.966	16.946 27.473	41.954 29.251

8/14/2016 6:45:00 AM 34183.395 1.019	290700.000 40397.289	18.627 25.962	16.947 27.470	41.960 29.254
8/14/2016 7:00:00 AM 34159.672 1.019	291600.000 40369.254	18.625 25.942	16.947 27.451	41.954 29.274
8/14/2016 7:15:00 AM 34172.086 1.019	292500.000 40384.488	18.625 25.953	16.946 27.461	41.954 29.264
8/14/2016 7:30:00 AM 34182.770 1.019	293400.000 40397.039	18.626 25.962	16.946 27.470	41.957 29.255
8/14/2016 7:45:00 AM 34195.152 1.019	294300.000 40410.871	18.628 25.972	16.947 27.479	41.962 29.244
8/14/2016 8:00:00 AM 34201.848 1.019	295200.000 40419.180	18.634 25.978	16.947 27.485	41.974 29.238
8/14/2016 8:15:00 AM 34178.930 1.019	296100.000 40392.664	18.632 25.959	16.946 27.467	41.970 29.258
8/14/2016 8:30:00 AM 34193.875 1.019	297000.000 40409.836	18.634 25.971	16.946 27.479	41.974 29.245
8/14/2016 8:45:00 AM 34219.379 1.019	297900.000 40440.379	18.632 25.993	16.946 27.499	41.971 29.223
8/14/2016 9:00:00 AM 34200.273 1.019	298800.000 40417.074	18.638 25.976	16.947 27.484	41.985 29.240
8/14/2016 9:15:00 AM 34210.512 1.019	299700.000 40429.496	18.634 25.985	16.946 27.492	41.976 29.231
8/14/2016 9:30:00 AM 34211.555 1.019	300600.000 40431.055	18.639 25.986	16.946 27.493	41.987 29.230
8/14/2016 9:45:00 AM 34196.078 1.019	301500.000 40412.766	18.640 25.973	16.946 27.481	41.988 29.243
8/14/2016 10:00:00 AM 34213.230 1.019	302400.000 40432.867	18.642 25.987	16.946 27.494	41.993 29.228
8/14/2016 10:15:00 AM 34221.352 1.019	303300.000 40441.910	18.647 25.994	16.947 27.501	42.004 29.222
8/14/2016 10:30:00 AM 34219.406 1.019	304200.000 40439.930	18.644 25.992	16.947 27.499	41.998 29.223
8/14/2016 10:45:00 AM 34180.801 1.019	305100.000 40394.625	18.646 25.960	16.946 27.468	42.002 29.256
8/14/2016 11:00:00 AM 34225.207 1.019	306000.000 40446.953	18.647 25.997	16.946 27.504	42.004 29.218
8/14/2016 11:15:00 AM 34209.891 1.019	306900.000 40428.688	18.651 25.984	16.947 27.492	42.014 29.231

8/14/2016 11:30:00 AM	307800.000	18.651	16.947	42.012
34214.789	40433.996	25.988	27.495	29.227
1.019				
8/14/2016 11:45:00 AM	308700.000	18.651	16.947	42.013
34213.746	40433.160	25.988	27.495	29.228
1.019				
8/14/2016 12:00:00 PM	309600.000	18.657	16.947	42.026
34198.141	40414.160	25.974	27.482	29.241
1.019				
8/14/2016 12:15:00 PM	310500.000	18.659	16.947	42.031
34218.313	40437.996	25.991	27.498	29.224
1.019				
8/14/2016 12:30:00 PM	311400.000	18.658	16.947	42.028
34212.941	40432.137	25.987	27.494	29.229
1.019				
8/14/2016 12:45:00 PM	312300.000	18.656	16.947	42.024
34233.582	40455.875	26.004	27.510	29.211
1.019				
8/14/2016 1:00:00 PM	313200.000	18.657	16.948	42.026
34226.016	40446.699	25.997	27.504	29.218
1.019				
8/14/2016 1:15:00 PM	314100.000	18.659	16.948	42.031
34209.789	40427.523	25.984	27.491	29.231
1.019				
8/14/2016 1:30:00 PM	315000.000	18.661	16.948	42.035
34210.344	40427.781	25.984	27.491	29.231
1.019				
8/14/2016 1:45:00 PM	315900.000	18.659	16.947	42.030
34238.027	40461.691	26.008	27.514	29.207
1.019				
8/14/2016 2:00:00 PM	316800.000	18.665	16.947	42.046
34243.203	40467.246	26.012	27.518	29.203
1.019				
8/14/2016 2:15:00 PM	317700.000	18.665	16.947	42.044
34238.035	40461.227	26.008	27.514	29.207
1.019				
8/14/2016 2:30:00 PM	318600.000	18.668	16.947	42.052
34222.734	40443.387	25.995	27.502	29.220
1.019				
8/14/2016 2:45:00 PM	319500.000	18.670	16.947	42.055
34252.473	40478.289	26.020	27.525	29.195
1.019				
8/14/2016 3:00:00 PM	320400.000	18.672	16.947	42.061
34217.625	40436.941	25.990	27.497	29.225
1.019				
8/14/2016 3:15:00 PM	321300.000	18.672	16.948	42.060
34254.020	40479.875	26.021	27.526	29.194
1.019				
8/14/2016 3:30:00 PM	322200.000	18.674	16.948	42.064
34275.977	40505.180	26.039	27.544	29.175
1.019				
8/14/2016 3:45:00 PM	323100.000	18.672	16.948	42.060
34250.402	40475.438	26.018	27.523	29.197
1.019				
8/14/2016 4:00:00 PM	324000.000	18.675	16.947	42.068
34238.504	40461.617	26.008	27.514	29.207
1.019				

8/14/2016 4:15:00 PM 34247.742 1.019	324900.000 40472.535	18.679 26.016	16.947 27.521	42.075 29.199
8/14/2016 4:30:00 PM 34257.430 1.019	325800.000 40484.055	18.679 26.024	16.947 27.529	42.077 29.191
8/14/2016 4:45:00 PM 34256.660 1.019	326700.000 40482.914	18.680 26.023	16.948 27.528	42.079 29.191
8/14/2016 5:00:00 PM 34260.102 1.019	327600.000 40487.543	18.679 26.026	16.947 27.532	42.077 29.188
8/14/2016 5:15:00 PM 34278.488 1.019	328500.000 40508.309	18.680 26.041	16.948 27.546	42.079 29.173
8/14/2016 5:30:00 PM 34272.094 1.019	329400.000 40501.875	18.684 26.036	16.947 27.541	42.087 29.178
8/14/2016 5:45:00 PM 34235.465 1.019	330300.000 40458.191	18.685 26.005	16.947 27.512	42.089 29.209
8/14/2016 6:00:00 PM 34242.859 1.019	331200.000 40466.688	18.685 26.011	16.948 27.517	42.091 29.203
8/14/2016 6:15:00 PM 34257.914 1.019	332100.000 40484.961	18.686 26.024	16.947 27.530	42.092 29.190
8/14/2016 6:30:00 PM 34275.148 1.019	333000.000 40505.488	18.692 26.039	16.947 27.544	42.105 29.176
8/14/2016 6:45:00 PM 34266.461 1.019	333900.000 40495.145	18.691 26.032	16.947 27.537	42.104 29.183
8/14/2016 7:00:00 PM 34261.852 1.019	334800.000 40489.531	18.691 26.028	16.947 27.533	42.104 29.187
8/14/2016 7:15:00 PM 34240.656 1.019	335700.000 40464.324	18.694 26.010	16.947 27.516	42.111 29.205
8/14/2016 7:30:00 PM 34259.609 1.019	336600.000 40486.633	18.697 26.026	16.947 27.531	42.117 29.189
8/14/2016 7:45:00 PM 34248.051 1.019	337500.000 40473.305	18.697 26.016	16.947 27.522	42.117 29.199
8/14/2016 8:00:00 PM 34254.934 1.019	338400.000 40481.762	18.700 26.022	16.947 27.528	42.124 29.193
8/14/2016 8:15:00 PM 34272.102 1.019	339300.000 40501.645	18.704 26.036	16.947 27.541	42.132 29.178
8/14/2016 8:30:00 PM 34260.586 1.019	340200.000 40488.352	18.701 26.027	16.947 27.532	42.126 29.188
8/14/2016 8:45:00 PM 34304.785 1.019	341100.000 40539.707	18.701 26.063	16.948 27.567	42.126 29.150

8/14/2016 9:00:00 PM	342000.000	18.704	16.947	42.133
34312.152	40548.977	26.070	27.573	29.144
1.019				
8/14/2016 9:15:00 PM	342900.000	18.705	16.947	42.135
34267.645	40496.129	26.032	27.537	29.182
1.019				
8/14/2016 9:30:00 PM	343800.000	18.709	16.947	42.144
34276.191	40506.227	26.040	27.544	29.175
1.019				
8/14/2016 9:45:00 PM	344700.000	18.708	16.948	42.143
34280.770	40511.488	26.043	27.548	29.171
1.019				
8/14/2016 10:00:00 PM	345600.000	18.709	16.947	42.144
34263.113	40490.699	26.029	27.534	29.186
1.019				
8/14/2016 10:15:00 PM	346500.000	18.711	16.947	42.148
34247.570	40473.063	26.016	27.522	29.199
1.019				
8/14/2016 10:30:00 PM	347400.000	18.716	16.947	42.161
34289.680	40522.094	26.051	27.555	29.163
1.019				
8/14/2016 10:45:00 PM	348300.000	18.717	16.948	42.162
34282.340	40513.344	26.045	27.549	29.170
1.019				
8/14/2016 11:00:00 PM	349200.000	18.719	16.948	42.165
34305.227	40540.227	26.064	27.567	29.150
1.019				
8/14/2016 11:15:00 PM	350100.000	18.721	16.948	42.171
34276.324	40506.070	26.039	27.544	29.175
1.019				
8/14/2016 11:30:00 PM	351000.000	18.719	16.948	42.165
34320.906	40558.672	26.077	27.580	29.137
1.019				
8/14/2016 11:45:00 PM	351900.000	18.721	16.947	42.170
34294.336	40527.672	26.055	27.559	29.159
1.019				
8/15/2016 12:00:00 AM	352800.000	18.723	16.948	42.174
34287.813	40519.328	26.049	27.553	29.165
1.019				
8/15/2016 12:15:00 AM	353700.000	18.723	16.948	42.175
34310.742	40546.906	26.069	27.572	29.145
1.019				
8/15/2016 12:30:00 AM	354600.000	18.726	16.948	42.182
34309.848	40545.770	26.068	27.571	29.146
1.019				
8/15/2016 12:45:00 AM	355500.000	18.727	16.947	42.184
34326.383	40565.633	26.082	27.585	29.132
1.019				
8/15/2016 1:00:00 AM	356400.000	18.730	16.947	42.192
34313.730	40550.844	26.071	27.575	29.143
1.019				
8/15/2016 1:15:00 AM	357300.000	18.728	16.948	42.187
34304.496	40539.363	26.063	27.567	29.151
1.019				
8/15/2016 1:30:00 AM	358200.000	18.732	16.947	42.195
34330.262	40570.051	26.085	27.588	29.129
1.019				

8/15/2016 1:45:00 AM 34324.539 1.019	359100.000 40563.289	18.732 26.080	16.947 27.583	42.195 29.134
8/15/2016 2:00:00 AM 34323.004 1.019	360000.000 40561.398	18.731 26.079	16.948 27.582	42.193 29.135
8/15/2016 2:15:00 AM 34332.820 1.019	360900.000 40572.836	18.735 26.087	16.948 27.590	42.203 29.127
8/15/2016 2:30:00 AM 34330.047 1.019	361800.000 40569.871	18.736 26.085	16.947 27.588	42.204 29.129
8/15/2016 2:45:00 AM 34320.727 1.019	362700.000 40558.625	18.735 26.077	16.948 27.580	42.203 29.137
8/15/2016 3:00:00 AM 34314.828 1.019	363600.000 40552.453	18.737 26.072	16.947 27.576	42.207 29.142
8/15/2016 3:15:00 AM 34310.406 1.019	364500.000 40546.754	18.738 26.068	16.947 27.572	42.209 29.146
8/15/2016 3:30:00 AM 34332.176 1.019	365400.000 40572.152	18.741 26.087	16.948 27.589	42.216 29.127
8/15/2016 3:45:00 AM 34376.156 1.019	366300.000 40624.289	18.742 26.124	16.947 27.625	42.218 29.090
8/15/2016 4:00:00 AM 34337.848 1.019	367200.000 40579.750	18.743 26.092	16.947 27.594	42.220 29.122
8/15/2016 4:15:00 AM 34341.613 1.019	368100.000 40583.871	18.746 26.095	16.947 27.597	42.227 29.119
8/15/2016 4:30:00 AM 34306.273 1.019	369000.000 40542.590	18.747 26.065	16.947 27.569	42.231 29.149
8/15/2016 4:45:00 AM 34322.949 1.019	369900.000 40562.215	18.746 26.079	16.947 27.582	42.228 29.135
8/15/2016 5:00:00 AM 34342.609 1.019	370800.000 40585.449	18.747 26.096	16.947 27.598	42.229 29.118
8/15/2016 5:15:00 AM 34327.047 1.019	371700.000 40566.984	18.750 26.083	16.947 27.586	42.237 29.132
8/15/2016 5:30:00 AM 34297.027 1.019	372600.000 40531.578	18.749 26.058	16.947 27.561	42.235 29.157
8/15/2016 5:45:00 AM 34324.676 1.019	373500.000 40563.941	18.749 26.081	16.947 27.583	42.234 29.134
8/15/2016 6:00:00 AM 34308.277 1.019	374400.000 40545.363	18.752 26.067	16.946 27.571	42.240 29.147
8/15/2016 6:15:00 AM 34321.922 1.019	375300.000 40561.566	18.755 26.079	16.946 27.582	42.247 29.136

8/15/2016 6:30:00 AM 34325.512 1.019	376200.000 40565.563	18.755 26.082	16.946 27.585	42.248 29.133
8/15/2016 6:45:00 AM 34319.613 1.019	377100.000 40558.270	18.757 26.077	16.947 27.580	42.252 29.138
8/15/2016 7:00:00 AM 34311.008 1.019	378000.000 40548.184	18.758 26.069	16.947 27.573	42.254 29.145
8/15/2016 7:15:00 AM 34338.277 1.019	378900.000 40580.090	18.757 26.092	16.947 27.594	42.252 29.122
8/15/2016 7:30:00 AM 34318.105 1.019	379800.000 40555.445	18.758 26.075	16.948 27.578	42.253 29.139
8/15/2016 7:45:00 AM 34278.961 1.019	380700.000 40509.500	18.761 26.042	16.947 27.546	42.261 29.172
8/15/2016 8:00:00 AM 34257.688 1.019	381600.000 40484.691	18.765 26.024	16.947 27.530	42.270 29.191
8/15/2016 8:15:00 AM 34253.852 1.019	382500.000 40480.320	18.766 26.021	16.947 27.527	42.272 29.194
8/15/2016 8:30:00 AM 34255.512 1.019	383400.000 40481.883	18.768 26.022	16.947 27.528	42.276 29.192
8/15/2016 8:45:00 AM 34256.000 1.019	384300.000 40482.781	18.765 26.023	16.947 27.528	42.270 29.192
8/15/2016 9:00:00 AM 34241.824 1.019	385200.000 40465.707	18.769 26.011	16.947 27.517	42.279 29.204
8/15/2016 9:15:00 AM 34206.629 1.019	386100.000 40424.273	18.766 25.981	16.947 27.489	42.271 29.234
8/15/2016 9:30:00 AM 34229.020 1.019	387000.000 40450.973	18.768 26.000	16.947 27.507	42.277 29.215
8/15/2016 9:45:00 AM 34226.031 1.019	387900.000 40447.043	18.770 25.997	16.947 27.504	42.282 29.218
8/15/2016 10:00:00 AM 34234.070 1.019	388800.000 40457.336	18.772 26.005	16.946 27.511	42.286 29.211
8/15/2016 10:15:00 AM 34184.008 1.019	389700.000 40397.141	18.777 25.962	16.948 27.470	42.297 29.253
8/15/2016 10:30:00 AM 34207.867 1.019	390600.000 40426.051	18.779 25.983	16.947 27.490	42.302 29.233
8/15/2016 10:45:00 AM 34177.801 1.019	391500.000 40390.445	18.777 25.957	16.947 27.466	42.297 29.259
8/15/2016 11:00:00 AM 34170.742 1.019	392400.000 40382.102	18.782 25.951	16.947 27.460	42.308 29.265

8/15/2016 11:15:00 AM	393300.000	18.779	16.948	42.301
34183.805	40396.898	25.962	27.470	29.254
1.019				
8/15/2016 11:30:00 AM	394200.000	18.785	16.948	42.314
34211.934	40430.141	25.985	27.492	29.230
1.019				
8/15/2016 11:45:00 AM	395100.000	18.781	16.948	42.305
34186.258	40399.156	25.963	27.471	29.252
1.019				
8/15/2016 12:00:00 PM	396000.000	18.783	16.948	42.311
34240.926	40464.078	26.010	27.516	29.205
1.019				
8/15/2016 12:15:00 PM	396900.000	18.788	16.948	42.321
34196.469	40411.781	25.972	27.480	29.243
1.019				
8/15/2016 12:30:00 PM	397800.000	18.785	16.948	42.316
34168.938	40379.168	25.949	27.458	29.266
1.019				
8/15/2016 12:45:00 PM	398700.000	18.791	16.947	42.329
34207.523	40425.078	25.982	27.489	29.233
1.019				
8/15/2016 1:00:00 PM	399600.000	18.787	16.948	42.319
34172.617	40383.195	25.952	27.461	29.263
1.019				
8/15/2016 1:15:00 PM	400500.000	18.786	16.948	42.318
34195.801	40410.914	25.972	27.479	29.243
1.019				
8/15/2016 1:30:00 PM	401400.000	18.796	16.948	42.341
34182.320	40394.824	25.960	27.468	29.255
1.019				
8/15/2016 1:45:00 PM	402300.000	18.794	16.947	42.336
34214.777	40433.652	25.988	27.495	29.227
1.019				
8/15/2016 2:00:00 PM	403200.000	18.794	16.947	42.335
34213.301	40431.996	25.987	27.494	29.228
1.019				
8/15/2016 2:15:00 PM	404100.000	18.798	16.948	42.344
34193.531	40407.996	25.970	27.477	29.245
1.019				
8/15/2016 2:30:00 PM	405000.000	18.795	16.948	42.338
34191.637	40406.070	25.968	27.476	29.247
1.019				
8/15/2016 2:45:00 PM	405900.000	18.799	16.948	42.346
34196.023	40410.699	25.972	27.479	29.243
1.019				
8/15/2016 3:00:00 PM	406800.000	18.797	16.948	42.343
34221.145	40440.543	25.993	27.500	29.222
1.019				
8/15/2016 3:15:00 PM	407700.000	18.802	16.947	42.354
34228.012	40449.543	25.999	27.506	29.216
1.019				
8/15/2016 3:30:00 PM	408600.000	18.802	16.948	42.354
34192.336	40406.898	25.969	27.477	29.246
1.019				
8/15/2016 3:45:00 PM	409500.000	18.802	16.948	42.353
34222.887	40442.840	25.994	27.501	29.220
1.019				

8/15/2016 4:00:00 PM 34192.773 1.019	410400.000 40407.738	18.804 25.970	16.947 27.477	42.358 29.246
8/15/2016 4:15:00 PM 34211.441 1.019	411300.000 40430.039	18.804 25.985	16.947 27.492	42.358 29.230
8/15/2016 4:30:00 PM 34220.449 1.019	412200.000 40439.957	18.806 25.992	16.948 27.499	42.363 29.222
8/15/2016 4:45:00 PM 34206.094 1.019	413100.000 40423.559	18.805 25.981	16.947 27.488	42.359 29.235
8/15/2016 5:00:00 PM 34209.277 1.019	414000.000 40427.242	18.807 25.983	16.947 27.491	42.365 29.232
8/15/2016 5:15:00 PM 34200.023 1.019	414900.000 40415.984	18.810 25.975	16.948 27.483	42.372 29.240
8/15/2016 5:30:00 PM 34221.316 1.019	415800.000 40441.629	18.813 25.994	16.947 27.500	42.378 29.222
8/15/2016 5:45:00 PM 34252.125 1.019	416700.000 40478.277	18.810 26.020	16.947 27.525	42.371 29.195
8/15/2016 6:00:00 PM 34221.020 1.019	417600.000 40440.715	18.815 25.993	16.948 27.500	42.382 29.222
8/15/2016 6:15:00 PM 34242.563 1.019	418500.000 40466.488	18.812 26.011	16.947 27.517	42.375 29.203
8/15/2016 6:30:00 PM 34224.855 1.019	419400.000 40446.051	18.817 25.997	16.947 27.503	42.387 29.219
8/15/2016 6:45:00 PM 34187.168 1.019	420300.000 40401.273	18.819 25.965	16.947 27.473	42.391 29.251
8/15/2016 7:00:00 PM 34228.789 1.019	421200.000 40449.660	18.819 25.999	16.948 27.506	42.392 29.215
8/15/2016 7:15:00 PM 34214.246 1.019	422100.000 40433.355	18.823 25.988	16.947 27.495	42.400 29.228
8/15/2016 7:30:00 PM 34203.031 1.019	423000.000 40420.184	18.819 25.978	16.947 27.486	42.392 29.237
8/15/2016 7:45:00 PM 34218.477 1.019	423900.000 40437.871	18.824 25.991	16.948 27.498	42.403 29.224
8/15/2016 8:00:00 PM 34206.566 1.019	424800.000 40424.117	18.825 25.981	16.947 27.488	42.405 29.234
8/15/2016 8:15:00 PM 34198.172 1.019	425700.000 40414.277	18.828 25.974	16.947 27.482	42.411 29.241
8/15/2016 8:30:00 PM 34219.785 1.019	426600.000 40439.984	18.829 25.992	16.947 27.499	42.414 29.223

8/15/2016 8:45:00 PM 34223.090 1.019	427500.000 40443.727	18.829 25.995	16.947 27.502	42.414 29.220
8/15/2016 9:00:00 PM 34219.785 1.019	428400.000 40439.820	18.828 25.992	16.947 27.499	42.412 29.223
8/15/2016 9:15:00 PM 34208.152 1.019	429300.000 40425.992	18.835 25.982	16.947 27.490	42.427 29.233
8/15/2016 9:30:00 PM 34241.961 1.019	430200.000 40465.227	18.833 26.010	16.948 27.516	42.422 29.204
8/15/2016 9:45:00 PM 34205.629 1.019	431100.000 40423.172	18.834 25.980	16.947 27.488	42.425 29.235
8/15/2016 10:00:00 PM 34217.258 1.019	432000.000 40436.914	18.836 25.990	16.947 27.497	42.429 29.225
8/15/2016 10:15:00 PM 34191.094 1.019	432900.000 40405.352	18.837 25.968	16.948 27.476	42.433 29.247
8/15/2016 10:30:00 PM 34244.605 1.019	433800.000 40468.504	18.836 26.013	16.948 27.519	42.430 29.202
8/15/2016 10:45:00 PM 34216.629 1.019	434700.000 40436.496	18.840 25.990	16.947 27.497	42.439 29.226
8/15/2016 11:00:00 PM 34219.012 1.019	435600.000 40437.711	18.838 25.991	16.948 27.498	42.435 29.224
8/15/2016 11:15:00 PM 34200.184 1.019	436500.000 40416.656	18.839 25.976	16.947 27.483	42.437 29.240
8/15/2016 11:30:00 PM 34189.461 1.019	437400.000 40404.543	18.841 25.967	16.947 27.475	42.442 29.249
8/15/2016 11:45:00 PM 34200.082 1.019	438300.000 40416.285	18.843 25.976	16.947 27.483	42.446 29.240
8/16/2016 12:00:00 AM 34253.473 1.019	439200.000 40479.230	18.849 26.020	16.948 27.526	42.459 29.194
8/16/2016 12:15:00 AM 34220.699 1.019	440100.000 40439.773	18.846 25.992	16.948 27.499	42.452 29.222
8/16/2016 12:30:00 AM 34222.078 1.019	441000.000 40442.047	18.844 25.994	16.948 27.501	42.448 29.221
8/16/2016 12:45:00 AM 34215.465 1.019	441900.000 40434.152	18.847 25.988	16.948 27.495	42.454 29.227
8/16/2016 1:00:00 AM 34227.957 1.019	442800.000 40448.914	18.852 25.999	16.948 27.505	42.465 29.216
8/16/2016 1:15:00 AM 34241.133 1.019	443700.000 40464.402	18.851 26.010	16.948 27.516	42.463 29.205

8/16/2016 1:30:00 AM 34242.391 1.019	444600.000 40465.734	18.854 26.011	16.948 27.517	42.471 29.204
8/16/2016 1:45:00 AM 34210.734 1.019	445500.000 40428.324	18.851 25.984	16.948 27.491	42.463 29.231
8/16/2016 2:00:00 AM 34227.363 1.019	446400.000 40448.453	18.855 25.998	16.947 27.505	42.472 29.216
8/16/2016 2:15:00 AM 34260.445 1.019	447300.000 40487.070	18.858 26.026	16.948 27.531	42.480 29.188
8/16/2016 2:30:00 AM 34240.359 1.019	448200.000 40463.250	18.860 26.009	16.948 27.515	42.484 29.205
8/16/2016 2:45:00 AM 34223.328 1.019	449100.000 40443.605	18.860 25.995	16.948 27.502	42.485 29.220
8/16/2016 3:00:00 AM 34239.301 1.019	450000.000 40462.723	18.860 26.009	16.947 27.515	42.484 29.206
8/16/2016 3:15:00 AM 34209.250 1.019	450900.000 40427.047	18.867 25.983	16.947 27.490	42.500 29.232
8/16/2016 3:30:00 AM 34258.063 1.019	451800.000 40484.094	18.860 26.024	16.948 27.529	42.484 29.190
8/16/2016 3:45:00 AM 34235.289 1.019	452700.000 40457.258	18.864 26.005	16.948 27.511	42.492 29.210
8/16/2016 4:00:00 AM 34181.195 1.019	453600.000 40394.133	18.866 25.960	16.947 27.468	42.498 29.256
8/16/2016 4:15:00 AM 34260.250 1.019	454500.000 40487.074	18.866 26.026	16.948 27.531	42.498 29.188
8/16/2016 4:30:00 AM 34251.520 1.019	455400.000 40476.676	18.867 26.019	16.948 27.524	42.500 29.196
8/16/2016 4:45:00 AM 34263.004 1.019	456300.000 40490.410	18.871 26.028	16.948 27.533	42.508 29.186
8/16/2016 5:00:00 AM 34271.590 1.019	457200.000 40500.082	18.870 26.035	16.948 27.540	42.507 29.179
8/16/2016 5:15:00 AM 34232.914 1.019	458100.000 40455.176	18.868 26.003	16.947 27.510	42.501 29.212
8/16/2016 5:30:00 AM 34281.969 1.019	459000.000 40512.504	18.873 26.044	16.948 27.549	42.513 29.170
8/16/2016 5:45:00 AM 34238.934 1.019	459900.000 40461.320	18.871 26.008	16.948 27.514	42.509 29.207
8/16/2016 6:00:00 AM 34270.840 1.019	460800.000 40499.996	18.876 26.035	16.947 27.540	42.520 29.179

8/16/2016 6:15:00 AM 34286.008 1.019	461700.000 40517.680	18.874 26.048	16.948 27.552	42.514 29.166
8/16/2016 6:30:00 AM 34231.938 1.019	462600.000 40454.344	18.873 26.003	16.947 27.509	42.513 29.212
8/16/2016 6:45:00 AM 34240.020 1.019	463500.000 40463.086	18.875 26.009	16.948 27.515	42.518 29.206
8/16/2016 7:00:00 AM 34219.598 1.019	464400.000 40438.715	18.880 25.992	16.948 27.498	42.530 29.223
8/16/2016 7:15:00 AM 34249.684 1.019	465300.000 40474.109	18.880 26.017	16.948 27.522	42.529 29.197
8/16/2016 7:30:00 AM 34221.387 1.019	466200.000 40440.348	18.881 25.993	16.949 27.499	42.530 29.221
8/16/2016 7:45:00 AM 34234.070 1.019	467100.000 40455.094	18.880 26.003	16.949 27.509	42.530 29.211
8/16/2016 8:00:00 AM 34221.770 1.019	468000.000 40440.801	18.886 25.993	16.949 27.500	42.542 29.221
8/16/2016 8:15:00 AM 34167.184 1.019	468900.000 40376.934	18.884 25.948	16.948 27.456	42.539 29.268
8/16/2016 8:30:00 AM 34177.668 1.019	469800.000 40388.922	18.885 25.956	16.948 27.464	42.541 29.259
8/16/2016 8:45:00 AM 34196.336 1.019	470700.000 40410.824	18.889 25.972	16.949 27.479	42.548 29.243
8/16/2016 9:00:00 AM 34190.031 1.019	471600.000 40403.699	18.887 25.967	16.948 27.475	42.544 29.248
8/16/2016 9:15:00 AM 34222.574 1.019	472500.000 40441.922	18.888 25.994	16.948 27.501	42.547 29.220
8/16/2016 9:30:00 AM 34166.281 1.019	473400.000 40375.551	18.894 25.947	16.948 27.455	42.561 29.269
8/16/2016 9:45:00 AM 34147.566 1.019	474300.000 40353.191	18.890 25.931	16.949 27.440	42.552 29.285
8/16/2016 10:00:00 AM 34166.195 1.019	475200.000 40375.297	18.898 25.946	16.948 27.455	42.569 29.269
8/16/2016 10:15:00 AM 34136.738 1.019	476100.000 40340.555	18.899 25.922	16.948 27.432	42.571 29.294
8/16/2016 10:30:00 AM 34162.746 1.019	477000.000 40371.219	18.898 25.944	16.948 27.452	42.568 29.272
8/16/2016 10:45:00 AM 34144.430 1.019	477900.000 40349.164	18.899 25.928	16.949 27.437	42.571 29.287

8/16/2016 11:00:00 AM 34156.164 1.019	478800.000 40363.754	18.901 25.938	16.948 27.447	42.577 29.277
8/16/2016 11:15:00 AM 34143.926 1.019	479700.000 40349.047	18.900 25.928	16.948 27.437	42.575 29.288
8/16/2016 11:30:00 AM 34147.852 1.019	480600.000 40353.688	18.899 25.931	16.948 27.441	42.573 29.284
8/16/2016 11:45:00 AM 34154.211 1.019	481500.000 40361.199	18.904 25.936	16.948 27.446	42.584 29.279
8/16/2016 12:00:00 PM 34156.598 1.019	482400.000 40363.863	18.906 25.938	16.949 27.447	42.587 29.277
8/16/2016 12:15:00 PM 34159.027 1.019	483300.000 40366.977	18.908 25.941	16.948 27.450	42.592 29.275
8/16/2016 12:30:00 PM 34127.512 1.019	484200.000 40329.254	18.903 25.914	16.949 27.424	42.580 29.302
8/16/2016 12:45:00 PM 34157.336 1.019	485100.000 40363.945	18.907 25.938	16.949 27.447	42.591 29.276
8/16/2016 1:00:00 PM 34154.188 1.019	486000.000 40361.105	18.908 25.936	16.948 27.446	42.592 29.279
8/16/2016 1:15:00 PM 34129.230 1.019	486900.000 40330.891	18.909 25.915	16.949 27.425	42.594 29.300
8/16/2016 1:30:00 PM 34151.176 1.019	487800.000 40357.613	18.914 25.934	16.948 27.443	42.606 29.282
8/16/2016 1:45:00 PM 34130.230 1.019	488700.000 40332.469	18.916 25.916	16.949 27.426	42.611 29.300
8/16/2016 2:00:00 PM 34159.406 1.019	489600.000 40366.863	18.915 25.941	16.949 27.449	42.609 29.275
8/16/2016 2:15:00 PM 34168.461 1.019	490500.000 40378.605	18.915 25.949	16.948 27.457	42.609 29.267
8/16/2016 2:30:00 PM 34157.527 1.019	491400.000 40365.289	18.922 25.939	16.948 27.448	42.623 29.276
8/16/2016 2:45:00 PM 34146.180 1.019	492300.000 40351.879	18.921 25.930	16.948 27.439	42.621 29.286
8/16/2016 3:00:00 PM 34141.313 1.019	493200.000 40346.285	18.920 25.926	16.948 27.435	42.619 29.290
8/16/2016 3:15:00 PM 34122.465 1.019	494100.000 40323.688	18.924 25.910	16.948 27.420	42.628 29.306
8/16/2016 3:30:00 PM 34166.254 1.019	495000.000 40375.996	18.924 25.947	16.948 27.456	42.628 29.269

8/16/2016 3:45:00 PM 34176.320 1.019	495900.000 40387.328	18.924 25.955	16.948 27.463	42.629 29.260
8/16/2016 4:00:00 PM 34171.711 1.019	496800.000 40381.969	18.925 25.951	16.948 27.460	42.630 29.264
8/16/2016 4:15:00 PM 34143.813 1.019	497700.000 40349.555	18.929 25.928	16.948 27.438	42.640 29.288
8/16/2016 4:30:00 PM 34182.785 1.019	498600.000 40394.492	18.924 25.960	16.949 27.468	42.629 29.254
8/16/2016 4:45:00 PM 34162.504 1.019	499500.000 40370.523	18.930 25.943	16.949 27.452	42.641 29.272
8/16/2016 5:00:00 PM 34168.098 1.019	500400.000 40378.254	18.933 25.949	16.948 27.457	42.648 29.267
8/16/2016 5:15:00 PM 34175.770 1.019	501300.000 40387.082	18.933 25.955	16.948 27.463	42.648 29.260
8/16/2016 5:30:00 PM 34154.496 1.019	502200.000 40361.625	18.933 25.937	16.948 27.446	42.648 29.279
8/16/2016 5:45:00 PM 34162.324 1.019	503100.000 40371.117	18.936 25.943	16.948 27.452	42.655 29.272
8/16/2016 6:00:00 PM 34181.402 1.019	504000.000 40393.098	18.937 25.959	16.949 27.467	42.658 29.256
8/16/2016 6:15:00 PM 34166.484 1.019	504900.000 40375.637	18.936 25.947	16.948 27.455	42.655 29.268
8/16/2016 6:30:00 PM 34152.703 1.019	505800.000 40359.824	18.934 25.935	16.948 27.445	42.651 29.280
8/16/2016 6:45:00 PM 34176.617 1.019	506700.000 40387.848	18.939 25.955	16.948 27.464	42.662 29.260
8/16/2016 7:00:00 PM 34159.199 1.019	507600.000 40367.180	18.940 25.941	16.948 27.450	42.665 29.275
8/16/2016 7:15:00 PM 34203.035 1.019	508500.000 40419.703	18.941 25.978	16.947 27.485	42.666 29.237
8/16/2016 7:30:00 PM 34168.480 1.019	509400.000 40378.789	18.942 25.949	16.948 27.458	42.668 29.267
8/16/2016 7:45:00 PM 34154.355 1.019	510300.000 40361.934	18.945 25.937	16.948 27.446	42.674 29.279
8/16/2016 8:00:00 PM 34177.824 1.019	511200.000 40388.945	18.944 25.956	16.949 27.464	42.674 29.259
8/16/2016 8:15:00 PM 34181.605 1.019	512100.000 40393.660	18.944 25.960	16.948 27.468	42.674 29.256

8/16/2016 8:30:00 PM 34148.594 1.019	513000.000 40354.328	18.949 25.932	16.949 27.441	42.685 29.284
8/16/2016 8:45:00 PM 34210.133 1.019	513900.000 40427.125	18.947 25.983	16.949 27.490	42.679 29.231
8/16/2016 9:00:00 PM 34170.207 1.019	514800.000 40379.707	18.947 25.950	16.949 27.458	42.681 29.265
8/16/2016 9:15:00 PM 34182.195 1.019	515700.000 40393.559	18.949 25.960	16.949 27.468	42.685 29.255
8/16/2016 9:30:00 PM 34120.156 1.019	516600.000 40320.078	18.947 25.907	16.949 27.418	42.680 29.308
8/16/2016 9:45:00 PM 34139.152 1.019	517500.000 40342.523	18.949 25.923	16.949 27.433	42.685 29.292
8/16/2016 10:00:00 PM 34117.906 1.019	518400.000 40317.352	18.955 25.905	16.949 27.416	42.698 29.310
8/16/2016 10:15:00 PM 34147.973 1.019	519300.000 40352.789	18.959 25.931	16.950 27.440	42.706 29.284
8/16/2016 10:30:00 PM 34124.984 1.019	520200.000 40325.313	18.952 25.911	16.950 27.421	42.692 29.304
8/16/2016 10:45:00 PM 34145.941 1.019	521100.000 40349.918	18.952 25.928	16.950 27.438	42.692 29.286
8/16/2016 11:00:00 PM 34126.059 1.019	522000.000 40326.582	18.957 25.912	16.950 27.422	42.703 29.303
8/16/2016 11:15:00 PM 34124.293 1.019	522900.000 40324.090	18.957 25.910	16.950 27.420	42.703 29.305
8/16/2016 11:30:00 PM 34134.566 1.019	523800.000 40336.313	18.961 25.919	16.950 27.429	42.712 29.296
8/16/2016 11:45:00 PM 34085.066 1.019	524700.000 40277.418	18.961 25.877	16.951 27.389	42.712 29.338
8/17/2016 12:00:00 AM 34084.336 1.019	525600.000 40277.352	18.955 25.877	16.950 27.389	42.698 29.339
8/17/2016 12:15:00 AM 34055.141 1.019	526500.000 40242.215	18.956 25.852	16.950 27.365	42.701 29.364
8/17/2016 12:30:00 AM 34042.051 1.019	527400.000 40226.270	18.958 25.841	16.951 27.354	42.705 29.375
8/17/2016 12:45:00 AM 34023.555 1.018	528300.000 40205.051	18.957 25.826	16.950 27.339	42.702 29.391
8/17/2016 1:00:00 AM 34021.051 1.018	529200.000 40202.090	18.960 25.823	16.950 27.337	42.708 29.394

8/17/2016 1:15:00 AM 33962.031 1.018	530100.000 40132.191	18.960 25.774	16.950 27.290	42.708 29.445
8/17/2016 1:30:00 AM 33971.141 1.018	531000.000 40143.113	18.955 25.781	16.950 27.297	42.699 29.437
8/17/2016 1:45:00 AM 33966.754 1.018	531900.000 40137.852	18.958 25.778	16.950 27.294	42.704 29.441
8/17/2016 2:00:00 AM 33921.066 1.018	532800.000 40083.387	18.958 25.739	16.951 27.257	42.704 29.480
8/17/2016 2:15:00 AM 33903.168 1.018	533700.000 40062.156	18.957 25.724	16.951 27.242	42.703 29.496
8/17/2016 2:30:00 AM 33914.898 1.018	534600.000 40076.496	18.955 25.734	16.950 27.252	42.698 29.486
8/17/2016 2:45:00 AM 33895.590 1.018	535500.000 40053.125	18.955 25.718	16.951 27.236	42.698 29.502
8/17/2016 3:00:00 AM 33935.004 1.018	536400.000 40099.215	18.956 25.750	16.952 27.267	42.700 29.468
8/17/2016 3:15:00 AM 33866.859 1.018	537300.000 40019.176	18.953 25.693	16.951 27.213	42.693 29.527
8/17/2016 3:30:00 AM 33853.066 1.018	538200.000 40002.953	18.957 25.682	16.951 27.202	42.703 29.539
8/17/2016 3:45:00 AM 33856.215 1.018	539100.000 40006.363	18.954 25.684	16.951 27.204	42.695 29.537
8/17/2016 4:00:00 AM 33847.738 1.018	540000.000 39996.504	18.957 25.677	16.951 27.198	42.703 29.544
8/17/2016 4:15:00 AM 33845.254 1.018	540900.000 39993.320	18.956 25.675	16.951 27.195	42.700 29.546
8/17/2016 4:30:00 AM 33819.418 1.018	541800.000 39962.883	18.955 25.653	16.951 27.175	42.697 29.569
8/17/2016 4:45:00 AM 33820.668 1.018	542700.000 39964.750	18.955 25.655	16.951 27.176	42.697 29.568
8/17/2016 5:00:00 AM 33771.211 1.018	543600.000 39905.918	18.952 25.613	16.951 27.136	42.691 29.611
8/17/2016 5:15:00 AM 33758.215 1.018	544500.000 39890.871	18.950 25.602	16.951 27.126	42.687 29.622
8/17/2016 5:30:00 AM 33726.410 1.018	545400.000 39852.344	18.949 25.575	16.952 27.100	42.684 29.650
8/17/2016 5:45:00 AM 33750.855 1.018	546300.000 39881.465	18.951 25.596	16.952 27.119	42.689 29.629

8/17/2016 6:00:00 AM 33740.203 1.018	547200.000 39869.113	18.949 25.587	16.952 27.111	42.685 29.638
8/17/2016 6:15:00 AM 33746.762 1.018	548100.000 39876.938	18.950 25.592	16.951 27.116	42.686 29.632
8/17/2016 6:30:00 AM 33741.301 1.018	549000.000 39870.410	18.945 25.588	16.952 27.112	42.676 29.637
8/17/2016 6:45:00 AM 33743.754 1.018	549900.000 39873.383	18.949 25.590	16.951 27.114	42.685 29.635
8/17/2016 7:00:00 AM 33751.809 1.018	550800.000 39882.992	18.948 25.597	16.951 27.120	42.682 29.628
8/17/2016 7:15:00 AM 33711.445 1.018	551700.000 39834.973	18.950 25.563	16.952 27.088	42.686 29.664
8/17/2016 7:30:00 AM 33706.938 1.018	552600.000 39829.879	18.945 25.559	16.951 27.084	42.676 29.667
8/17/2016 7:45:00 AM 33713.281 1.018	553500.000 39837.301	18.947 25.564	16.952 27.089	42.681 29.662
8/17/2016 8:00:00 AM 33698.684 1.018	554400.000 39820.215	18.947 25.552	16.951 27.078	42.680 29.675
8/17/2016 8:15:00 AM 33719.652 1.018	555300.000 39845.777	18.945 25.570	16.950 27.095	42.676 29.656
8/17/2016 8:30:00 AM 33681.402 1.018	556200.000 39799.797	18.944 25.538	16.951 27.064	42.673 29.690
8/17/2016 8:45:00 AM 33673.965 1.018	557100.000 39791.316	18.946 25.532	16.951 27.058	42.677 29.697
8/17/2016 9:00:00 AM 33692.289 1.018	558000.000 39812.496	18.943 25.547	16.952 27.073	42.670 29.680
8/17/2016 9:15:00 AM 33698.504 1.018	558900.000 39820.160	18.945 25.552	16.951 27.078	42.675 29.675
8/17/2016 9:30:00 AM 33719.797 1.018	559800.000 39845.320	18.942 25.570	16.951 27.095	42.668 29.656
8/17/2016 9:45:00 AM 33709.203 1.018	560700.000 39832.555	18.940 25.561	16.951 27.086	42.663 29.665
8/17/2016 10:00:00 AM 33671.902 1.018	561600.000 39789.035	18.942 25.530	16.951 27.057	42.668 29.698
8/17/2016 10:15:00 AM 33680.949 1.018	562500.000 39799.418	18.942 25.537	16.951 27.064	42.669 29.690
8/17/2016 10:30:00 AM 33696.664 1.018	563400.000 39817.988	18.942 25.551	16.951 27.076	42.669 29.677

8/17/2016 10:45:00 AM 33693.367 1.018	564300.000 39813.453	18.941 25.547	16.952 27.073	42.666 29.679
8/17/2016 11:00:00 AM 33704.809 1.018	565200.000 39827.688	18.940 25.557	16.951 27.083	42.665 29.669
8/17/2016 11:15:00 AM 33677.590 1.018	566100.000 39795.754	18.940 25.535	16.951 27.061	42.665 29.693
8/17/2016 11:30:00 AM 33664.242 1.018	567000.000 39779.520	18.940 25.523	16.951 27.050	42.663 29.705
8/17/2016 11:45:00 AM 33650.348 1.018	567900.000 39763.488	18.935 25.512	16.951 27.039	42.652 29.717
8/17/2016 12:00:00 PM 33672.090 1.018	568800.000 39789.180	18.936 25.530	16.951 27.057	42.656 29.698
8/17/2016 12:15:00 PM 33685.422 1.018	569700.000 39804.855	18.939 25.541	16.951 27.067	42.663 29.686
8/17/2016 12:30:00 PM 33686.246 1.018	570600.000 39805.750	18.937 25.542	16.951 27.068	42.657 29.686
8/17/2016 12:45:00 PM 33670.688 1.018	571500.000 39787.293	18.935 25.529	16.951 27.055	42.652 29.699
8/17/2016 1:00:00 PM 33669.285 1.018	572400.000 39785.156	18.933 25.527	16.952 27.054	42.648 29.701
8/17/2016 1:15:00 PM 33673.566 1.018	573300.000 39791.160	18.933 25.531	16.951 27.058	42.648 29.697
8/17/2016 1:30:00 PM 33695.793 1.018	574200.000 39817.266	18.933 25.550	16.951 27.076	42.648 29.677
8/17/2016 1:45:00 PM 33678.438 1.018	575100.000 39796.523	18.932 25.535	16.951 27.062	42.646 29.693
8/17/2016 2:00:00 PM 33706.531 1.018	576000.000 39829.723	18.932 25.559	16.951 27.084	42.646 29.668
8/17/2016 2:15:00 PM 33702.121 1.018	576900.000 39825.379	18.932 25.556	16.950 27.081	42.646 29.672
8/17/2016 2:30:00 PM 33690.605 1.018	577800.000 39810.902	18.930 25.546	16.951 27.071	42.642 29.682
8/17/2016 2:45:00 PM 33678.102 1.018	578700.000 39796.758	18.930 25.535	16.950 27.062	42.641 29.693
8/17/2016 3:00:00 PM 33685.582 1.018	579600.000 39804.734	18.928 25.541	16.951 27.067	42.637 29.686
8/17/2016 3:15:00 PM 33682.043 1.018	580500.000 39800.711	18.928 25.538	16.951 27.064	42.637 29.689

8/17/2016 3:30:00 PM 33669.289 1.018	581400.000 39785.391	18.923 25.527	16.951 27.054	42.627 29.701
8/17/2016 3:45:00 PM 33693.316 1.018	582300.000 39814.105	18.925 25.548	16.951 27.074	42.631 29.679
8/17/2016 4:00:00 PM 33703.551 1.018	583200.000 39826.199	18.923 25.556	16.951 27.082	42.627 29.670
8/17/2016 4:15:00 PM 33681.574 1.018	584100.000 39800.156	18.924 25.538	16.951 27.064	42.628 29.690
8/17/2016 4:30:00 PM 33711.152 1.018	585000.000 39835.340	18.926 25.563	16.951 27.088	42.632 29.664
8/17/2016 4:45:00 PM 33703.668 1.018	585900.000 39825.941	18.922 25.556	16.952 27.082	42.624 29.670
8/17/2016 5:00:00 PM 33716.633 1.018	586800.000 39841.180	18.922 25.567	16.952 27.092	42.623 29.659
8/17/2016 5:15:00 PM 33704.125 1.018	587700.000 39826.090	18.921 25.556	16.952 27.082	42.621 29.670
8/17/2016 5:30:00 PM 33698.738 1.018	588600.000 39820.281	18.920 25.552	16.951 27.078	42.619 29.675
8/17/2016 5:45:00 PM 33719.363 1.018	589500.000 39844.098	18.917 25.569	16.952 27.094	42.613 29.657
8/17/2016 6:00:00 PM 33718.961 1.018	590400.000 39844.086	18.920 25.569	16.951 27.094	42.619 29.657
8/17/2016 6:15:00 PM 33713.422 1.018	591300.000 39837.234	18.918 25.564	16.952 27.089	42.616 29.662
8/17/2016 6:30:00 PM 33704.359 1.018	592200.000 39826.758	18.918 25.557	16.952 27.082	42.616 29.670
8/17/2016 6:45:00 PM 33691.742 1.018	593100.000 39811.535	18.914 25.546	16.952 27.072	42.606 29.681
8/17/2016 7:00:00 PM 33688.371 1.018	594000.000 39807.551	18.917 25.543	16.952 27.069	42.613 29.684
8/17/2016 7:15:00 PM 33695.438 1.018	594900.000 39816.215	18.915 25.549	16.952 27.075	42.608 29.678
8/17/2016 7:30:00 PM 33691.215 1.018	595800.000 39811.066	18.914 25.546	16.952 27.072	42.606 29.681
8/17/2016 7:45:00 PM 33697.441 1.018	596700.000 39818.500	18.914 25.551	16.952 27.077	42.606 29.676
8/17/2016 8:00:00 PM 33664.906 1.018	597600.000 39779.746	18.912 25.523	16.952 27.050	42.602 29.705

8/17/2016 8:15:00 PM 33678.645 1.018	598500.000 39796.371	18.913 25.535	16.952 27.062	42.603 29.692
8/17/2016 8:30:00 PM 33728.262 1.018	599400.000 39855.168	18.911 25.577	16.951 27.102	42.598 29.649
8/17/2016 8:45:00 PM 33682.387 1.018	600300.000 39800.957	18.910 25.538	16.951 27.065	42.596 29.689
8/17/2016 9:00:00 PM 33721.051 1.018	601200.000 39846.324	18.909 25.571	16.952 27.096	42.595 29.655
8/17/2016 9:15:00 PM 33692.480 1.018	602100.000 39813.117	18.910 25.547	16.951 27.073	42.596 29.680
8/17/2016 9:30:00 PM 33697.074 1.018	603000.000 39818.066	18.909 25.551	16.952 27.076	42.595 29.676
8/17/2016 9:45:00 PM 33709.867 1.018	603900.000 39833.430	18.904 25.562	16.951 27.087	42.583 29.665
8/17/2016 10:00:00 PM 33672.105 1.018	604800.000 39788.563	18.904 25.530	16.952 27.056	42.583 29.698
8/17/2016 10:15:00 PM 33691.270 1.018	605700.000 39811.844	18.910 25.546	16.951 27.072	42.596 29.681
8/17/2016 10:30:00 PM 33688.508 1.018	606600.000 39808.426	18.908 25.544	16.951 27.070	42.592 29.684
8/17/2016 10:45:00 PM 33698.395 1.018	607500.000 39820.410	18.906 25.552	16.951 27.078	42.588 29.675
8/17/2016 11:00:00 PM 33695.668 1.018	608400.000 39817.043	18.903 25.550	16.951 27.076	42.582 29.677
8/17/2016 11:15:00 PM 33681.188 1.018	609300.000 39799.617	18.907 25.538	16.951 27.064	42.589 29.690
8/17/2016 11:30:00 PM 33706.855 1.018	610200.000 39830.340	18.899 25.559	16.951 27.085	42.573 29.668
8/17/2016 11:45:00 PM 33700.020 1.018	611100.000 39821.793	18.902 25.553	16.951 27.079	42.579 29.674

Report Date: 8/11/2016 9:31:31 PM
Report User Name: ELinden
Report Computer Name: PROBOOK2
Application: WinSitu.exe
Application Version: 5.6.27.1

Log File Properties:

File Name: MPWSP MW-4D Pre Test_2016-08-11_16-50-36-912.wsl
Create Date: 8/11/2016 4:50:34 PM

Device Properties:

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

Log Configuration

Log Name: MPWSP MW-4D Pre Test
Created By: nreynolds
Computer Name: PROBOOK1
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 3/13/2015 6:11:47 PM Pacific Daylight Time
Log Setup Time Zone: Pacific Daylight Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 3/13/2015 6:15:00 PM Pacific Daylight Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 271.546 (ft)
Head Pressure: 120.548 (PSI)
Temperature: 20.4148 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

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
 1/14/2016 9:52:59 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: KMakar Interval -
 Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 9:50:00 AM
 1/21/2016 1:00:32 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval -
 Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:00:00 PM
 1/28/2016 2:37:33 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval -
 Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:30:00 PM
 2/4/2016 3:40:15 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: CShaw Interval -
 Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 3:45:00 PM
 2/4/2016 3:55:22 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: CShaw Interval -
 Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 4:45:00 PM
 2/11/2016 8:29:23 AM Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval -
 Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:15:00 AM
 2/18/2016 12:40:39 PM Log Download - Used Battery: 21% Used Memory: 45% User Name: CShaw Interval -
 Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM
 2/25/2016 12:43:51 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: KMakar Interval -
 Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM
 3/3/2016 1:24:07 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval -
 Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 2:15:00 PM
 3/10/2016 3:25:58 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: KMakar Interval -
 Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 3:30:00 PM
 3/17/2016 8:15:18 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval -

Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 8:45:00 PM
 3/18/2016 8:51:54 AM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval -
 Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/18/2016 9:45:00 AM
 3/24/2016 1:26:46 PM Log Download - Used Battery: 22% Used Memory: 50% User Name: KMakar Interval -
 Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM
 3/31/2016 5:54:40 PM Log Download - Used Battery: 23% Used Memory: 50% User Name: SKuiper Interval -
 Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 6:45:00 PM
 4/7/2016 2:31:33 PM Log Download - Used Battery: 23% Used Memory: 51% User Name: KMakar Interval -
 Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 2:30:00 PM
 4/14/2016 4:58:40 PM Log Download - Used Battery: 23% Used Memory: 51% User Name: SKuiper Interval -
 Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 5:45:00 PM
 4/21/2016 2:29:06 PM Log Download - Used Battery: 24% Used Memory: 53% User Name: ELinden Interval -
 Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:15:00 PM

Log Data:

Record Count: 787

Sensors: 1

1 - 392547: PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor:	
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor:	
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor:	
Sensor: PCTD(G) 692ft		Sensor: PCTD(G) 692ft		Sensor:	
Elapsed Time	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547
SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547
SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547	SN#: 392547
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS/cm)		Specific Conductivity (µS/cm)	Salinity (PSU)		
Total Dissolved Solids (ppt)		Resistivity (ohm-cm)	Water Density (g/cm3)		
8/10/2016 12:00:00 AM	561600.000	117.070	20.358		
263.712	38013.309	41711.586	27.043		
28.364	26.307	1.019			
8/10/2016 12:15:00 AM	562500.000	117.075	20.355		
263.722	37986.855	41684.785	27.023		
28.346	26.325	1.019			
8/10/2016 12:30:00 AM	563400.000	117.070	20.351		
263.712	38019.266	41724.027	27.051		
28.372	26.302	1.019			
8/10/2016 12:45:00 AM	564300.000	117.072	20.357		
263.715	37996.406	41693.965	27.030		
28.352	26.318	1.019			
8/10/2016 1:00:00 AM	565200.000	117.070	20.355		
263.712	37970.559	41667.660	27.011		
28.334	26.336	1.019			
8/10/2016 1:15:00 AM	566100.000	117.070	20.356		
263.711	37930.391	41622.211	26.978		

28.303	26.364	1.019	
8/10/2016 1:30:00 AM	567000.000	117.067	20.358
263.704	38001.305	41698.727	27.033
28.355	26.315	1.019	
8/10/2016 1:45:00 AM	567900.000	117.096	20.357
263.769	37978.543	41673.902	27.015
28.338	26.331	1.019	
8/10/2016 2:00:00 AM	568800.000	117.081	20.348
263.736	38017.887	41725.574	27.052
28.373	26.303	1.019	
8/10/2016 2:15:00 AM	569700.000	117.086	20.359
263.747	37995.355	41690.746	27.028
28.350	26.319	1.019	
8/10/2016 2:30:00 AM	570600.000	117.100	20.355
263.779	37960.941	41656.957	27.003
28.327	26.343	1.019	
8/10/2016 2:45:00 AM	571500.000	117.111	20.358
263.804	37970.109	41663.961	27.008
28.331	26.337	1.019	
8/10/2016 3:00:00 AM	572400.000	117.108	20.354
263.796	37928.949	41622.313	26.978
28.303	26.365	1.019	
8/10/2016 3:15:00 AM	573300.000	117.103	20.355
263.786	37988.871	41687.297	27.025
28.347	26.323	1.019	
8/10/2016 3:30:00 AM	574200.000	117.126	20.352
263.839	37996.676	41698.848	27.033
28.355	26.318	1.019	
8/10/2016 3:45:00 AM	575100.000	117.124	20.354
263.833	38018.102	41720.066	27.049
28.370	26.303	1.019	
8/10/2016 4:00:00 AM	576000.000	117.124	20.347
263.833	37991.074	41696.680	27.031
28.354	26.322	1.019	
8/10/2016 4:15:00 AM	576900.000	117.133	20.349
263.853	37974.438	41676.355	27.017
28.340	26.334	1.019	
8/10/2016 4:30:00 AM	577800.000	117.142	20.354
263.875	37993.094	41693.074	27.029
28.351	26.321	1.019	
8/10/2016 4:45:00 AM	578700.000	117.145	20.357
263.880	38006.035	41704.836	27.038
28.359	26.312	1.019	
8/10/2016 5:00:00 AM	579600.000	117.177	20.356
263.953	38010.285	41709.809	27.041
28.363	26.309	1.019	
8/10/2016 5:15:00 AM	580500.000	117.156	20.356
263.905	38011.512	41711.461	27.042
28.364	26.308	1.019	
8/10/2016 5:30:00 AM	581400.000	117.193	20.356
263.988	38016.430	41717.004	27.046
28.368	26.304	1.019	
8/10/2016 5:45:00 AM	582300.000	117.164	20.358
263.924	38019.535	41718.582	27.048

28.369	26.302	1.019	
8/10/2016 6:00:00 AM	583200.000	117.171	20.352
263.939	37983.770	41683.988	27.023
28.345	26.327	1.019	
8/10/2016 6:15:00 AM	584100.000	117.164	20.349
263.924	37953.051	41653.645	27.001
28.324	26.348	1.019	
8/10/2016 6:30:00 AM	585000.000	117.182	20.352
263.965	37998.168	41699.879	27.034
28.356	26.317	1.019	
8/10/2016 6:45:00 AM	585900.000	117.158	20.357
263.909	37973.707	41669.363	27.012
28.335	26.334	1.019	
8/10/2016 7:00:00 AM	586800.000	117.162	20.357
263.919	37964.586	41658.586	27.004
28.328	26.340	1.019	
8/10/2016 7:15:00 AM	587700.000	117.161	20.355
263.916	37996.348	41695.574	27.031
28.353	26.318	1.019	
8/10/2016 7:30:00 AM	588600.000	117.158	20.360
263.909	37987.402	41681.785	27.021
28.344	26.325	1.019	
8/10/2016 7:45:00 AM	589500.000	117.172	20.360
263.942	38016.984	41713.789	27.044
28.365	26.304	1.019	
8/10/2016 8:00:00 AM	590400.000	117.142	20.353
263.874	37946.820	41642.531	26.993
28.317	26.353	1.019	
8/10/2016 8:15:00 AM	591300.000	117.136	20.355
263.860	37983.480	41681.082	27.021
28.343	26.327	1.019	
8/10/2016 8:30:00 AM	592200.000	117.136	20.354
263.860	37975.605	41673.660	27.015
28.338	26.333	1.019	
8/10/2016 8:45:00 AM	593100.000	117.130	20.358
263.847	38006.289	41703.434	27.037
28.358	26.311	1.019	
8/10/2016 9:00:00 AM	594000.000	117.121	20.355
263.826	38013.594	41714.043	27.044
28.366	26.306	1.019	
8/10/2016 9:15:00 AM	594900.000	117.119	20.354
263.822	37957.496	41653.559	27.001
28.324	26.345	1.019	
8/10/2016 9:30:00 AM	595800.000	117.114	20.354
263.811	37996.535	41696.328	27.031
28.354	26.318	1.019	
8/10/2016 9:45:00 AM	596700.000	117.106	20.356
263.793	38016.488	41716.535	27.046
28.367	26.304	1.019	
8/10/2016 10:00:00 AM	597600.000	117.125	20.358
263.835	37993.973	41690.453	27.027
28.350	26.320	1.019	
8/10/2016 10:15:00 AM	598500.000	117.092	20.359
263.760	38032.688	41731.855	27.057

28.378	26.293	1.019	
8/10/2016 10:30:00 AM	599400.000	117.086	20.350
263.747	38017.781	41723.543	27.051
28.372	26.303	1.019	
8/10/2016 10:45:00 AM	600300.000	117.078	20.350
263.731	37984.496	41686.707	27.024
28.347	26.327	1.019	
8/10/2016 11:00:00 AM	601200.000	117.086	20.359
263.747	38037.199	41736.660	27.061
28.381	26.290	1.019	
8/10/2016 11:15:00 AM	602100.000	117.093	20.360
263.764	38015.535	41712.121	27.043
28.364	26.305	1.019	
8/10/2016 11:30:00 AM	603000.000	117.081	20.362
263.736	38009.746	41704.395	27.038
28.359	26.309	1.019	
8/10/2016 11:45:00 AM	603900.000	117.081	20.359
263.737	37954.477	41646.496	26.996
28.320	26.347	1.019	
8/10/2016 12:00:00 PM	604800.000	117.091	20.353
263.758	38001.332	41702.430	27.036
28.358	26.315	1.019	
8/10/2016 12:15:00 PM	605700.000	117.111	20.356
263.804	37999.125	41697.941	27.033
28.355	26.316	1.019	
8/10/2016 12:30:00 PM	606600.000	117.093	20.351
263.764	38011.590	41715.602	27.045
28.367	26.308	1.019	
8/10/2016 12:45:00 PM	607500.000	117.102	20.351
263.784	38019.352	41724.121	27.051
28.372	26.302	1.019	
8/10/2016 1:00:00 PM	608400.000	117.108	20.355
263.798	37962.910	41658.590	27.004
28.328	26.341	1.019	
8/10/2016 1:15:00 PM	609300.000	117.143	20.360
263.875	37999.148	41694.219	27.030
28.352	26.316	1.019	
8/10/2016 1:30:00 PM	610200.000	117.143	20.358
263.875	38016.406	41714.836	27.045
28.366	26.304	1.019	
8/10/2016 1:45:00 PM	611100.000	117.128	20.353
263.843	38000.836	41702.648	27.036
28.358	26.315	1.019	
8/10/2016 2:00:00 PM	612000.000	117.153	20.355
263.898	38015.020	41716.449	27.046
28.367	26.305	1.019	
8/10/2016 2:15:00 PM	612900.000	117.171	20.357
263.938	37977.020	41672.844	27.015
28.338	26.332	1.019	
8/10/2016 2:30:00 PM	613800.000	117.184	20.353
263.969	38019.492	41722.965	27.051
28.372	26.302	1.019	
8/10/2016 2:45:00 PM	614700.000	117.182	20.359
263.964	37957.215	41649.121	26.998

28.321	26.345	1.019	
8/10/2016 3:00:00 PM	615600.000	117.190	20.360
263.981	38005.102	41700.520	27.035
28.356	26.312	1.019	
8/10/2016 3:15:00 PM	616500.000	117.205	20.360
264.015	37982.398	41675.609	27.017
28.339	26.328	1.019	
8/10/2016 3:30:00 PM	617400.000	117.218	20.359
264.046	37986.770	41681.930	27.021
28.344	26.325	1.019	
8/10/2016 3:45:00 PM	618300.000	117.239	20.363
264.092	37979.520	41669.930	27.013
28.336	26.330	1.019	
8/10/2016 4:00:00 PM	619200.000	117.263	20.364
264.145	38005.586	41698.148	27.033
28.355	26.312	1.019	
8/10/2016 4:15:00 PM	620100.000	117.260	20.362
264.139	38006.063	41700.426	27.035
28.356	26.312	1.019	
8/10/2016 4:30:00 PM	621000.000	117.294	20.361
264.216	37982.344	41674.563	27.016
28.339	26.328	1.019	
8/10/2016 4:45:00 PM	621900.000	117.278	20.358
264.180	37980.641	41675.664	27.017
28.339	26.329	1.019	
8/10/2016 5:00:00 PM	622800.000	117.286	20.359
264.198	37953.668	41645.316	26.995
28.319	26.348	1.019	
8/10/2016 5:15:00 PM	623700.000	117.294	20.362
264.215	37977.988	41669.621	27.012
28.335	26.331	1.019	
8/10/2016 5:30:00 PM	624600.000	117.308	20.361
264.248	38015.059	41711.215	27.042
28.364	26.305	1.019	
8/10/2016 5:45:00 PM	625500.000	117.306	20.363
264.244	37989.719	41681.727	27.021
28.344	26.323	1.019	
8/10/2016 6:00:00 PM	626400.000	117.301	20.357
264.233	37979.637	41675.406	27.016
28.339	26.330	1.019	
8/10/2016 6:15:00 PM	627300.000	117.317	20.360
264.269	37995.688	41690.422	27.027
28.349	26.319	1.019	
8/10/2016 6:30:00 PM	628200.000	117.323	20.359
264.282	37980.254	41674.781	27.016
28.339	26.329	1.019	
8/10/2016 6:45:00 PM	629100.000	117.317	20.360
264.267	37968.320	41660.621	27.006
28.329	26.338	1.019	
8/10/2016 7:00:00 PM	630000.000	117.317	20.361
264.267	37972.555	41664.195	27.009
28.332	26.335	1.019	
8/10/2016 7:15:00 PM	630900.000	117.318	20.363
264.271	37978.418	41668.801	27.012

28.335	26.331	1.019	
8/10/2016 7:30:00 PM	631800.000	117.305	20.368
264.240	37967.148	41652.383	27.000
28.324	26.339	1.019	
8/10/2016 7:45:00 PM	632700.000	117.300	20.369
264.230	37989.102	41675.480	27.017
28.339	26.323	1.019	
8/10/2016 8:00:00 PM	633600.000	117.283	20.369
264.191	37983.863	41669.418	27.013
28.335	26.327	1.019	
8/10/2016 8:15:00 PM	634500.000	117.284	20.368
264.193	38014.043	41703.230	27.037
28.358	26.306	1.019	
8/10/2016 8:30:00 PM	635400.000	117.262	20.369
264.144	38011.570	41700.430	27.035
28.356	26.308	1.019	
8/10/2016 8:45:00 PM	636300.000	117.273	20.373
264.168	37987.641	41670.207	27.013
28.336	26.324	1.019	
8/10/2016 9:00:00 PM	637200.000	117.242	20.375
264.099	38015.309	41699.031	27.034
28.355	26.305	1.019	
8/10/2016 9:15:00 PM	638100.000	117.241	20.368
264.096	38029.949	41720.824	27.050
28.370	26.295	1.019	
8/10/2016 9:30:00 PM	639000.000	117.214	20.367
264.035	38018.355	41709.633	27.041
28.363	26.303	1.019	
8/10/2016 9:45:00 PM	639900.000	117.196	20.359
263.995	37991.293	41686.676	27.025
28.347	26.322	1.019	
8/10/2016 10:00:00 PM	640800.000	117.187	20.359
263.976	38012.758	41709.988	27.041
28.363	26.307	1.019	
8/10/2016 10:15:00 PM	641700.000	117.167	20.353
263.929	38010.879	41712.828	27.043
28.365	26.308	1.019	
8/10/2016 10:30:00 PM	642600.000	117.156	20.358
263.905	37950.156	41642.453	26.993
28.317	26.350	1.019	
8/10/2016 10:45:00 PM	643500.000	117.145	20.356
263.880	38022.117	41722.566	27.050
28.371	26.300	1.019	
8/10/2016 11:00:00 PM	644400.000	117.146	20.362
263.882	38002.996	41696.762	27.032
28.354	26.314	1.019	
8/10/2016 11:15:00 PM	645300.000	117.108	20.356
263.798	37966.805	41662.547	27.007
28.331	26.339	1.019	
8/10/2016 11:30:00 PM	646200.000	117.124	20.355
263.833	37977.188	41674.176	27.016
28.338	26.332	1.019	
8/10/2016 11:45:00 PM	647100.000	117.092	20.355
263.760	38003.773	41703.648	27.037

28.358	26.313	1.019	
8/11/2016 12:00:00 AM	648000.000	117.100	20.359
263.780	37965.863	41658.914	27.005
28.328	26.339	1.019	
8/11/2016 12:15:00 AM	648900.000	117.087	20.355
263.750	38018.512	41720.133	27.049
28.370	26.303	1.019	
8/11/2016 12:30:00 AM	649800.000	117.055	20.352
263.677	37974.883	41674.707	27.016
28.339	26.333	1.019	
8/11/2016 12:45:00 AM	650700.000	117.066	20.351
263.703	37965.980	41665.766	27.009
28.333	26.339	1.019	
8/11/2016 1:00:00 AM	651600.000	117.031	20.354
263.623	37983.188	41682.285	27.021
28.344	26.327	1.019	
8/11/2016 1:15:00 AM	652500.000	117.023	20.354
263.607	37993.734	41693.254	27.029
28.351	26.320	1.019	
8/11/2016 1:30:00 AM	653400.000	117.023	20.351
263.607	38010.492	41714.703	27.045
28.366	26.309	1.019	
8/11/2016 1:45:00 AM	654300.000	117.029	20.342
263.618	37968.113	41675.914	27.016
28.340	26.338	1.019	
8/11/2016 2:00:00 AM	655200.000	117.020	20.339
263.600	37953.824	41662.441	27.007
28.330	26.348	1.019	
8/11/2016 2:15:00 AM	656100.000	117.017	20.344
263.593	37979.316	41686.910	27.024
28.347	26.330	1.019	
8/11/2016 2:30:00 AM	657000.000	117.016	20.353
263.590	38007.910	41710.180	27.041
28.363	26.310	1.019	
8/11/2016 2:45:00 AM	657900.000	117.016	20.343
263.590	37991.074	41699.887	27.034
28.356	26.322	1.019	
8/11/2016 3:00:00 AM	658800.000	117.019	20.355
263.598	37990.527	41689.355	27.026
28.349	26.322	1.019	
8/11/2016 3:15:00 AM	659700.000	117.029	20.344
263.618	37945.355	41648.867	26.997
28.321	26.354	1.019	
8/11/2016 3:30:00 AM	660600.000	117.031	20.354
263.623	38008.387	41709.484	27.041
28.362	26.310	1.019	
8/11/2016 3:45:00 AM	661500.000	117.034	20.355
263.631	38022.258	41723.859	27.051
28.372	26.300	1.019	
8/11/2016 4:00:00 AM	662400.000	117.042	20.353
263.649	37993.824	41694.570	27.030
28.352	26.320	1.019	
8/11/2016 4:15:00 AM	663300.000	117.053	20.357
263.674	37956.813	41650.211	26.998

28.322	26.346	1.019	
8/11/2016 4:30:00 AM	664200.000	117.062	20.361
263.694	38035.828	41733.699	27.059
28.379	26.291	1.019	
8/11/2016 4:45:00 AM	665100.000	117.057	20.361
263.682	37962.941	41653.574	27.001
28.324	26.341	1.019	
8/11/2016 5:00:00 AM	666000.000	117.094	20.362
263.766	38008.406	41702.926	27.036
28.358	26.310	1.019	
8/11/2016 5:15:00 AM	666900.000	117.076	20.360
263.725	37965.195	41656.805	27.003
28.327	26.340	1.019	
8/11/2016 5:30:00 AM	667800.000	117.081	20.359
263.737	37979.035	41673.297	27.015
28.338	26.330	1.019	
8/11/2016 5:45:00 AM	668700.000	117.089	20.360
263.755	38015.598	41712.723	27.043
28.365	26.305	1.019	
8/11/2016 6:00:00 AM	669600.000	117.118	20.359
263.820	38001.258	41697.297	27.032
28.354	26.315	1.019	
8/11/2016 6:15:00 AM	670500.000	117.123	20.360
263.830	37977.309	41670.707	27.013
28.336	26.332	1.019	
8/11/2016 6:30:00 AM	671400.000	117.103	20.361
263.786	37972.074	41663.898	27.008
28.331	26.335	1.019	
8/11/2016 6:45:00 AM	672300.000	117.111	20.360
263.804	37966.496	41658.004	27.004
28.327	26.339	1.019	
8/11/2016 7:00:00 AM	673200.000	117.106	20.358
263.793	37975.922	41670.949	27.013
28.336	26.332	1.019	
8/11/2016 7:15:00 AM	674100.000	117.139	20.354
263.867	37990.207	41689.293	27.026
28.349	26.323	1.019	
8/11/2016 7:30:00 AM	675000.000	117.112	20.358
263.806	38023.641	41722.699	27.051
28.371	26.299	1.019	
8/11/2016 7:45:00 AM	675900.000	117.112	20.361
263.806	38028.621	41725.492	27.053
28.373	26.296	1.019	
8/11/2016 8:00:00 AM	676800.000	117.117	20.359
263.818	37977.977	41671.527	27.014
28.337	26.331	1.019	
8/11/2016 8:15:00 AM	677700.000	117.129	20.360
263.845	38005.625	41701.094	27.035
28.357	26.312	1.019	
8/11/2016 8:30:00 AM	678600.000	117.102	20.359
263.784	37982.965	41677.754	27.018
28.341	26.328	1.019	
8/11/2016 8:45:00 AM	679500.000	117.129	20.358
263.845	37969.449	41663.699	27.008

28.331	26.337	1.019	
8/11/2016 9:00:00 AM	680400.000	117.125	20.359
263.835	38011.250	41708.410	27.040
28.362	26.308	1.019	
8/11/2016 9:15:00 AM	681300.000	117.101	20.355
263.782	37972.203	41669.164	27.012
28.335	26.335	1.019	
8/11/2016 9:30:00 AM	682200.000	117.096	20.359
263.771	38008.695	41705.309	27.038
28.360	26.310	1.019	
8/11/2016 9:45:00 AM	683100.000	117.086	20.363
263.747	38004.676	41697.688	27.033
28.354	26.313	1.019	
8/11/2016 10:00:00 AM	684000.000	117.085	20.365
263.745	38056.324	41752.750	27.072
28.392	26.277	1.019	
8/11/2016 10:15:00 AM	684900.000	117.105	20.369
263.790	38024.047	41713.656	27.044
28.365	26.299	1.019	
8/11/2016 10:30:00 AM	685800.000	117.094	20.370
263.766	38063.086	41755.957	27.075
28.394	26.272	1.019	
8/11/2016 10:45:00 AM	686700.000	117.072	20.372
263.717	37972.762	41654.645	27.002
28.325	26.335	1.019	
8/11/2016 11:00:00 AM	687600.000	117.070	20.369
263.711	37963.191	41646.594	26.996
28.320	26.341	1.019	
8/11/2016 11:15:00 AM	688500.000	117.067	20.372
263.704	38013.711	41699.418	27.034
28.356	26.306	1.019	
8/11/2016 11:30:00 AM	689400.000	117.070	20.363
263.712	37977.531	41667.523	27.011
28.334	26.331	1.019	
8/11/2016 11:45:00 AM	690300.000	117.055	20.357
263.677	37966.344	41660.977	27.006
28.329	26.339	1.019	
8/11/2016 12:00:00 PM	691200.000	117.065	20.355
263.701	38003.578	41703.508	27.037
28.358	26.313	1.019	
8/11/2016 12:15:00 PM	692100.000	117.084	20.355
263.743	37966.129	41662.582	27.007
28.331	26.339	1.019	
8/11/2016 12:30:00 PM	693000.000	117.065	20.357
263.701	38003.477	41701.797	27.035
28.357	26.313	1.019	
8/11/2016 12:45:00 PM	693900.000	117.068	20.356
263.708	38015.988	41716.066	27.046
28.367	26.305	1.019	
8/11/2016 1:00:00 PM	694800.000	117.068	20.356
263.708	38017.039	41717.746	27.047
28.368	26.304	1.019	
8/11/2016 1:15:00 PM	695700.000	117.076	20.359
263.725	37993.762	41689.145	27.026

28.349	26.320	1.019	
8/11/2016 1:30:00 PM	696600.000	117.084	20.356
263.742	38022.824	41723.641	27.051
28.372	26.300	1.019	
8/11/2016 1:45:00 PM	697500.000	117.083	20.357
263.741	37959.906	41654.219	27.001
28.325	26.344	1.019	
8/11/2016 2:00:00 PM	698400.000	117.101	20.353
263.782	37959.094	41656.000	27.002
28.326	26.344	1.019	
8/11/2016 2:15:00 PM	699300.000	117.106	20.356
263.793	37948.953	41642.281	26.993
28.317	26.351	1.019	
8/11/2016 2:30:00 PM	700200.000	117.111	20.361
263.804	38030.016	41727.320	27.054
28.375	26.295	1.019	
8/11/2016 2:45:00 PM	701100.000	117.124	20.348
263.833	38031.098	41740.219	27.063
28.383	26.294	1.019	
8/11/2016 3:00:00 PM	702000.000	117.164	20.351
263.923	37972.762	41672.910	27.014
28.338	26.335	1.019	
8/11/2016 3:15:00 PM	702900.000	117.162	20.359
263.918	38014.434	41712.066	27.043
28.364	26.306	1.019	
8/11/2016 3:30:00 PM	703800.000	117.154	20.362
263.900	37973.758	41664.375	27.009
28.332	26.334	1.019	
8/11/2016 3:45:00 PM	704700.000	117.170	20.362
263.936	38008.898	41703.465	27.037
28.358	26.310	1.019	
8/11/2016 4:00:00 PM	705600.000	117.182	20.362
263.964	37977.176	41668.586	27.012
28.335	26.332	1.019	
8/11/2016 4:15:00 PM	706500.000	117.194	20.359
263.991	37999.535	41695.863	27.031
28.353	26.316	1.019	
8/11/2016 4:30:00 PM	707400.000	117.216	20.351
264.040	37971.762	41671.652	27.014
28.337	26.335	1.019	

Report Date: 8/19/2016 12:31:18 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4D Pre Test_2016-08-18_11-37-52-677.wsl
Create Date: 8/18/2016 11:37:41 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time

Note

8/11/2016 4:54:21 PM Used Battery: 30% Used Memory: 68% User Name: ELinden
 8/11/2016 5:15:13 PM Log Download - Used Battery: 30% Used Memory: 68% User Name: ELinden
 8/18/2016 11:37:17 AM Log Download - Used Battery: 30% Used Memory: 68% User Name: SKuiper Interval - Start
 Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:30:00 AM

Log Data:

Record Count: 650

Sensors: 1

1 - 392547: PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
 Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
 Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft Sensor: PCTD(G) 692ft
 Elapsed Time SN#: 392547 SN#: 392547 SN#: 392547 SN#:
 392547 SN#: 392547 SN#: 392547 SN#: 392547 SN#: 392547
 SN#: 392547

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

8/11/2016 5:00:00 PM	0.000	117.237	20.360	264.088
38000.973	41696.141	27.032	28.353	26.315
1.019				
8/11/2016 5:15:00 PM	900.000	117.266	20.361	264.152
38020.801	41717.363	27.047	28.368	26.301
1.019				
8/11/2016 5:30:00 PM	1800.000	117.260	20.357	264.139
38030.055	41731.039	27.057	28.377	26.295
1.019				
8/11/2016 5:45:00 PM	2700.000	117.268	20.359	264.158
37973.879	41667.641	27.011	28.334	26.334
1.019				
8/11/2016 6:00:00 PM	3600.000	117.279	20.355	264.183
38006.375	41706.504	27.039	28.360	26.311
1.019				
8/11/2016 6:15:00 PM	4500.000	117.275	20.356	264.173
37988.051	41685.789	27.024	28.346	26.324
1.019				
8/11/2016 6:30:00 PM	5400.000	117.287	20.358	264.200
37994.316	41691.133	27.028	28.350	26.320
1.019				
8/11/2016 6:45:00 PM	6300.000	117.311	20.356	264.254
38014.266	41714.555	27.045	28.366	26.306

1.019				
8/11/2016 7:00:00 PM	7200.000	117.308	20.360	264.248
38000.730	41696.410	27.032	28.354	26.315
1.019				
8/11/2016 7:15:00 PM	8100.000	117.304	20.354	264.240
37960.953	41657.191	27.003	28.327	26.343
1.019				
8/11/2016 7:30:00 PM	9000.000	117.305	20.354	264.240
38000.754	41701.184	27.035	28.357	26.315
1.019				
8/11/2016 7:45:00 PM	9900.000	117.300	20.356	264.229
38000.762	41699.133	27.034	28.355	26.315
1.019				
8/11/2016 8:00:00 PM	10800.000	117.317	20.358	264.269
38040.047	41740.852	27.064	28.384	26.288
1.019				
8/11/2016 8:15:00 PM	11700.000	117.288	20.355	264.202
37984.262	41682.238	27.021	28.344	26.327
1.019				
8/11/2016 8:30:00 PM	12600.000	117.288	20.359	264.202
37998.555	41694.184	27.030	28.352	26.317
1.019				
8/11/2016 8:45:00 PM	13500.000	117.297	20.355	264.223
37987.441	41685.348	27.024	28.346	26.324
1.019				
8/11/2016 9:00:00 PM	14400.000	117.263	20.359	264.147
37995.559	41691.430	27.028	28.350	26.319
1.019				
8/11/2016 9:15:00 PM	15300.000	117.244	20.364	264.103
38012.563	41705.191	27.038	28.360	26.307
1.019				
8/11/2016 9:30:00 PM	16200.000	117.234	20.365	264.081
38028.082	41721.215	27.050	28.370	26.296
1.019				
8/11/2016 9:45:00 PM	17100.000	117.214	20.369	264.035
38016.016	41704.844	27.038	28.359	26.305
1.019				
8/11/2016 10:00:00 PM	18000.000	117.230	20.368	264.071
37998.074	41686.082	27.025	28.347	26.317
1.019				
8/11/2016 10:15:00 PM	18900.000	117.214	20.367	264.036
37990.594	41679.023	27.019	28.342	26.322
1.019				
8/11/2016 10:30:00 PM	19800.000	117.195	20.369	263.993
38002.238	41690.191	27.028	28.349	26.314
1.019				
8/11/2016 10:45:00 PM	20700.000	117.164	20.369	263.924
38020.836	41710.516	27.042	28.363	26.301
1.019				
8/11/2016 11:00:00 PM	21600.000	117.150	20.368	263.893
37998.934	41686.652	27.025	28.347	26.317
1.019				
8/11/2016 11:15:00 PM	22500.000	117.124	20.368	263.833
38014.641	41704.102	27.038	28.359	26.306
1.019				
8/11/2016 11:30:00 PM	23400.000	117.112	20.364	263.806

37995.434	41686.699	27.025	28.347	26.319
1.019				
8/11/2016 11:45:00 PM	24300.000	117.094	20.353	263.766
37970.344	41668.570	27.011	28.335	26.336
1.019				
8/12/2016 12:00:00 AM	25200.000	117.079	20.354	263.732
37985.453	41684.238	27.023	28.345	26.326
1.019				
8/12/2016 12:15:00 AM	26100.000	117.063	20.352	263.696
37997.301	41699.387	27.034	28.356	26.318
1.019				
8/12/2016 12:30:00 AM	27000.000	117.064	20.354	263.698
37988.648	41687.898	27.025	28.348	26.324
1.019				
8/12/2016 12:45:00 AM	27900.000	117.034	20.356	263.631
37997.176	41695.422	27.031	28.353	26.318
1.019				
8/12/2016 1:00:00 AM	28800.000	117.032	20.345	263.627
37966.965	41671.898	27.014	28.337	26.339
1.019				
8/12/2016 1:15:00 AM	29700.000	117.008	20.352	263.573
38005.406	41708.430	27.040	28.362	26.312
1.019				
8/12/2016 1:30:00 AM	30600.000	116.992	20.354	263.537
38006.867	41708.191	27.040	28.362	26.311
1.019				
8/12/2016 1:45:00 AM	31500.000	116.978	20.349	263.504
37976.477	41679.426	27.019	28.342	26.332
1.019				
8/12/2016 2:00:00 AM	32400.000	116.989	20.344	263.529
37967.188	41672.750	27.014	28.337	26.339
1.019				
8/12/2016 2:15:00 AM	33300.000	116.965	20.353	263.476
38014.641	41717.414	27.047	28.368	26.306
1.019				
8/12/2016 2:30:00 AM	34200.000	116.971	20.346	263.488
37995.086	41702.305	27.035	28.358	26.319
1.019				
8/12/2016 2:45:00 AM	35100.000	116.965	20.354	263.476
37983.777	41682.625	27.022	28.344	26.327
1.019				
8/12/2016 3:00:00 AM	36000.000	116.975	20.355	263.498
37986.105	41684.648	27.023	28.346	26.325
1.019				
8/12/2016 3:15:00 AM	36900.000	116.964	20.355	263.472
38009.156	41709.867	27.041	28.363	26.309
1.019				
8/12/2016 3:30:00 AM	37800.000	116.971	20.359	263.488
38010.574	41708.051	27.040	28.361	26.308
1.019				
8/12/2016 3:45:00 AM	38700.000	116.969	20.356	263.483
37995.648	41693.980	27.030	28.352	26.319
1.019				
8/12/2016 4:00:00 AM	39600.000	116.992	20.356	263.537
37963.902	41659.145	27.005	28.328	26.341
1.019				

8/12/2016 4:15:00 AM 37983.957 1.019	40500.000 41684.742	116.981 27.023	20.352 28.346	263.512 26.327
8/12/2016 4:30:00 AM 37979.723 1.019	41400.000 41677.641	116.989 27.018	20.355 28.341	263.529 26.330
8/12/2016 4:45:00 AM 37992.496 1.019	42300.000 41694.867	116.997 27.030	20.351 28.353	263.547 26.321
8/12/2016 5:00:00 AM 38013.551 1.019	43200.000 41718.512	117.009 27.047	20.350 28.369	263.575 26.306
8/12/2016 5:15:00 AM 37966.863 1.019	44100.000 41665.672	117.013 27.009	20.352 28.333	263.582 26.339
8/12/2016 5:30:00 AM 37978.621 1.019	45000.000 41677.121	117.019 27.018	20.354 28.340	263.598 26.331
8/12/2016 5:45:00 AM 37997.941 1.019	45900.000 41693.047	117.028 27.029	20.360 28.351	263.617 26.317
8/12/2016 6:00:00 AM 38003.172 1.019	46800.000 41698.246	117.055 27.033	20.360 28.355	263.677 26.314
8/12/2016 6:15:00 AM 38016.117 1.019	47700.000 41711.156	117.044 27.042	20.362 28.364	263.654 26.305
8/12/2016 6:30:00 AM 37987.871 1.019	48600.000 41683.297	117.060 27.022	20.358 28.345	263.689 26.324
8/12/2016 6:45:00 AM 38029.488 1.019	49500.000 41730.418	117.062 27.056	20.357 28.377	263.694 26.295
8/12/2016 7:00:00 AM 38042.047 1.019	50400.000 41741.977	117.075 27.064	20.359 28.385	263.722 26.287
8/12/2016 7:15:00 AM 38001.410 1.019	51300.000 41695.246	117.083 27.031	20.362 28.353	263.741 26.315
8/12/2016 7:30:00 AM 38007.633 1.019	52200.000 41705.824	117.093 27.038	20.357 28.360	263.764 26.311
8/12/2016 7:45:00 AM 37997.152 1.019	53100.000 41702.965	117.102 27.036	20.348 28.358	263.784 26.318
8/12/2016 8:00:00 AM 38005.516 1.019	54000.000 41704.035	117.108 27.037	20.357 28.359	263.798 26.312
8/12/2016 8:15:00 AM 37972.473 1.019	54900.000 41662.660	117.108 27.007	20.363 28.331	263.796 26.335
8/12/2016 8:30:00 AM 38004.797 1.019	55800.000 41696.824	117.104 27.032	20.364 28.354	263.788 26.312
8/12/2016 8:45:00 AM 38013.234	56700.000 41706.316	117.113 27.039	20.364 28.360	263.809 26.307

1.019				
8/12/2016 9:00:00 AM	57600.000	117.116	20.360	263.816
38017.625	41714.570	27.045	28.366	26.304
1.019				
8/12/2016 9:15:00 AM	58500.000	117.117	20.366	263.818
37989.352	41678.570	27.019	28.341	26.323
1.019				
8/12/2016 9:30:00 AM	59400.000	117.117	20.374	263.818
37998.488	41681.645	27.022	28.344	26.317
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8/12/2016 9:45:00 AM	60300.000	117.139	20.369	263.867
37967.129	41650.914	26.999	28.323	26.339
1.019				
8/12/2016 10:00:00 AM	61200.000	117.138	20.370	263.864
37990.348	41675.547	27.017	28.339	26.322
1.019				
8/12/2016 10:15:00 AM	62100.000	117.119	20.369	263.822
38017.973	41707.078	27.040	28.361	26.303
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8/12/2016 10:30:00 AM	63000.000	117.114	20.373	263.811
38014.012	41699.594	27.034	28.356	26.306
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8/12/2016 10:45:00 AM	63900.000	117.136	20.372	263.860
38015.344	41701.895	27.036	28.357	26.305
1.019				
8/12/2016 11:00:00 AM	64800.000	117.112	20.370	263.806
38015.734	41703.770	27.037	28.359	26.305
1.019				
8/12/2016 11:15:00 AM	65700.000	117.133	20.374	263.853
38054.215	41742.387	27.065	28.385	26.278
1.019				
8/12/2016 11:30:00 AM	66600.000	117.110	20.374	263.802
38032.652	41718.516	27.048	28.369	26.293
1.019				
8/12/2016 11:45:00 AM	67500.000	117.102	20.369	263.784
38006.398	41694.141	27.030	28.352	26.311
1.019				
8/12/2016 12:00:00 PM	68400.000	117.136	20.370	263.860
37999.781	41685.895	27.024	28.346	26.316
1.019				
8/12/2016 12:15:00 PM	69300.000	117.129	20.366	263.845
38023.887	41715.926	27.046	28.367	26.299
1.019				
8/12/2016 12:30:00 PM	70200.000	117.103	20.363	263.786
38021.465	41716.031	27.046	28.367	26.301
1.019				
8/12/2016 12:45:00 PM	71100.000	117.103	20.365	263.786
37991.164	41680.801	27.021	28.343	26.322
1.019				
8/12/2016 1:00:00 PM	72000.000	117.132	20.372	263.851
38000.363	41685.234	27.024	28.346	26.316
1.019				
8/12/2016 1:15:00 PM	72900.000	117.116	20.366	263.815
37992.133	41680.945	27.021	28.343	26.321
1.019				
8/12/2016 1:30:00 PM	73800.000	117.116	20.347	263.816

37968.297 1.019	41671.609	27.013	28.337	26.338
8/12/2016 1:45:00 PM 37998.066 1.019	74700.000 41699.914	117.121 27.034	20.352 28.356	263.826 26.317
8/12/2016 2:00:00 PM 38018.609 1.019	75600.000 41720.000	117.136 27.049	20.355 28.370	263.860 26.303
8/12/2016 2:15:00 PM 37999.117 1.019	76500.000 41701.988	117.150 27.035	20.351 28.357	263.891 26.316
8/12/2016 2:30:00 PM 37985.703 1.019	77400.000 41683.602	117.142 27.022	20.355 28.345	263.875 26.326
8/12/2016 2:45:00 PM 38007.469 1.019	78300.000 41704.730	117.145 27.038	20.358 28.359	263.880 26.311
8/12/2016 3:00:00 PM 38014.223 1.019	79200.000 41714.203	117.155 27.044	20.356 28.366	263.904 26.306
8/12/2016 3:15:00 PM 38017.480 1.019	80100.000 41717.477	117.173 27.047	20.356 28.368	263.944 26.304
8/12/2016 3:30:00 PM 38025.305 1.019	81000.000 41727.129	117.178 27.054	20.355 28.374	263.956 26.298
8/12/2016 3:45:00 PM 37988.422 1.019	81900.000 41687.262	117.196 27.025	20.355 28.347	263.995 26.324
8/12/2016 4:00:00 PM 38004.508 1.019	82800.000 41703.242	117.202 27.036	20.356 28.358	264.010 26.313
8/12/2016 4:15:00 PM 38022.848 1.019	83700.000 41720.910	117.217 27.049	20.359 28.370	264.043 26.300
8/12/2016 4:30:00 PM 38003.633 1.019	84600.000 41701.512	117.230 27.035	20.357 28.357	264.072 26.313
8/12/2016 4:45:00 PM 37986.949 1.019	85500.000 41683.742	117.272 27.022	20.357 28.345	264.166 26.325
8/12/2016 5:00:00 PM 38019.453 1.019	86400.000 41718.031	117.267 27.047	20.358 28.368	264.154 26.302
8/12/2016 5:15:00 PM 38020.063 1.019	87300.000 41719.461	117.270 27.048	20.357 28.369	264.163 26.302
8/12/2016 5:30:00 PM 37990.930 1.019	88200.000 41686.582	117.314 27.025	20.358 28.347	264.262 26.322
8/12/2016 5:45:00 PM 38005.914 1.019	89100.000 41704.016	117.335 27.037	20.357 28.359	264.309 26.312
8/12/2016 6:00:00 PM 37985.707 1.019	90000.000 41682.145	117.313 27.021	20.357 28.344	264.260 26.326

8/12/2016 6:15:00 PM 37992.266 1.019	90900.000 41689.340	117.329 27.027	20.357 28.349	264.294 26.321
8/12/2016 6:30:00 PM 37998.348 1.019	91800.000 41695.941	117.338 27.031	20.357 28.353	264.315 26.317
8/12/2016 6:45:00 PM 38019.742 1.019	92700.000 41716.512	117.341 27.046	20.360 28.367	264.321 26.302
8/12/2016 7:00:00 PM 37990.809 1.019	93600.000 41684.004	117.382 27.023	20.361 28.345	264.414 26.322
8/12/2016 7:15:00 PM 38038.980 1.019	94500.000 41734.254	117.371 27.059	20.364 28.379	264.389 26.289
8/12/2016 7:30:00 PM 38006.059 1.019	95400.000 41701.801	117.374 27.036	20.360 28.357	264.396 26.312
8/12/2016 7:45:00 PM 37996.324 1.019	96300.000 41687.215	117.365 27.025	20.365 28.347	264.376 26.318
8/12/2016 8:00:00 PM 37998.211 1.019	97200.000 41688.293	117.369 27.026	20.366 28.348	264.386 26.317
8/12/2016 8:15:00 PM 37999.398 1.019	98100.000 41689.375	117.368 27.027	20.366 28.349	264.383 26.316
8/12/2016 8:30:00 PM 37989.316 1.019	99000.000 41679.840	117.369 27.020	20.364 28.342	264.386 26.323
8/12/2016 8:45:00 PM 38011.520 1.019	99900.000 41699.000	117.382 27.034	20.370 28.355	264.414 26.308
8/12/2016 9:00:00 PM 37990.352 1.019	100800.000 41680.441	117.358 27.020	20.365 28.343	264.361 26.322
8/12/2016 9:15:00 PM 37985.949 1.019	101700.000 41679.352	117.341 27.019	20.360 28.342	264.321 26.326
8/12/2016 9:30:00 PM 38028.887 1.019	102600.000 41723.563	117.353 27.051	20.364 28.372	264.348 26.296
8/12/2016 9:45:00 PM 38030.844 1.019	103500.000 41728.836	117.323 27.055	20.360 28.376	264.282 26.294
8/12/2016 10:00:00 PM 37985.621 1.019	104400.000 41677.160	117.311 27.018	20.363 28.340	264.254 26.326
8/12/2016 10:15:00 PM 38009.703 1.019	105300.000 41705.570	117.295 27.038	20.360 28.360	264.218 26.309
8/12/2016 10:30:00 PM 38038.180 1.019	106200.000 41734.063	117.294 27.059	20.363 28.379	264.216 26.289
8/12/2016 10:45:00 PM 38025.371	107100.000 41720.238	117.281 27.049	20.363 28.370	264.186 26.298

1.019				
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37986.695	41677.578	27.018	28.341	26.325
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8/12/2016 11:15:00 PM	108900.000	117.223	20.365	264.057
38000.336	41691.324	27.028	28.350	26.316
1.019				
8/12/2016 11:30:00 PM	109800.000	117.210	20.370	264.027
37985.797	41670.711	27.014	28.336	26.326
1.019				
8/12/2016 11:45:00 PM	110700.000	117.202	20.364	264.009
37981.109	41670.609	27.013	28.336	26.329
1.019				
8/13/2016 12:00:00 AM	111600.000	117.188	20.363	263.978
38017.965	41712.266	27.043	28.364	26.303
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8/13/2016 12:15:00 AM	112500.000	117.139	20.355	263.867
37998.781	41698.098	27.033	28.355	26.317
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8/13/2016 12:30:00 AM	113400.000	117.124	20.354	263.833
37979.461	41677.969	27.018	28.341	26.330
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8/13/2016 12:45:00 AM	114300.000	117.126	20.353	263.837
38010.016	41712.180	27.043	28.364	26.309
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8/13/2016 1:00:00 AM	115200.000	117.074	20.352	263.720
38017.664	41721.566	27.050	28.371	26.304
1.019				
8/13/2016 1:15:00 AM	116100.000	117.063	20.345	263.696
38000.996	41709.551	27.041	28.362	26.315
1.019				
8/13/2016 1:30:00 AM	117000.000	117.042	20.350	263.649
37983.203	41685.516	27.024	28.346	26.327
1.019				
8/13/2016 1:45:00 AM	117900.000	117.038	20.340	263.639
37982.680	41693.664	27.029	28.352	26.328
1.019				
8/13/2016 2:00:00 AM	118800.000	117.017	20.341	263.593
37991.336	41702.168	27.035	28.357	26.322
1.019				
8/13/2016 2:15:00 AM	119700.000	117.014	20.342	263.586
38004.156	41715.098	27.045	28.366	26.313
1.019				
8/13/2016 2:30:00 AM	120600.000	117.006	20.342	263.568
37972.836	41681.098	27.020	28.343	26.335
1.019				
8/13/2016 2:45:00 AM	121500.000	116.992	20.344	263.537
38015.371	41726.168	27.053	28.374	26.305
1.019				
8/13/2016 3:00:00 AM	122400.000	116.989	20.341	263.529
37994.426	41705.637	27.038	28.360	26.320
1.019				
8/13/2016 3:15:00 AM	123300.000	116.981	20.341	263.512
37978.109	41687.797	27.025	28.348	26.331
1.019				
8/13/2016 3:30:00 AM	124200.000	116.977	20.340	263.502

37956.684 1.019	41665.199	27.009	28.332	26.346
8/13/2016 3:45:00 AM 37973.172 1.019	125100.000 41682.992	116.970 27.021	20.340 28.344	263.486 26.334
8/13/2016 4:00:00 AM 37942.309 1.019	126000.000 41647.137	116.971 26.996	20.343 28.320	263.488 26.356
8/13/2016 4:15:00 AM 37984.039 1.019	126900.000 41690.484	116.977 27.027	20.345 28.350	263.502 26.327
8/13/2016 4:30:00 AM 37995.020 1.019	127800.000 41700.938	116.986 27.035	20.347 28.357	263.522 26.319
8/13/2016 4:45:00 AM 37964.332 1.019	128700.000 41663.039	117.006 27.007	20.352 28.331	263.566 26.341
8/13/2016 5:00:00 AM 37979.035 1.019	129600.000 41671.387	116.992 27.014	20.361 28.337	263.536 26.330
8/13/2016 5:15:00 AM 38015.102 1.019	130500.000 41712.801	116.975 27.043	20.359 28.365	263.497 26.305
8/13/2016 5:30:00 AM 38026.965 1.019	131400.000 41730.324	117.009 27.056	20.354 28.377	263.575 26.297
8/13/2016 5:45:00 AM 37991.199 1.019	132300.000 41687.492	117.021 27.025	20.358 28.347	263.602 26.322
8/13/2016 6:00:00 AM 38018.883 1.019	133200.000 41717.699	117.029 27.047	20.358 28.368	263.618 26.303
8/13/2016 6:15:00 AM 37984.859 1.019	134100.000 41679.375	117.038 27.019	20.359 28.342	263.639 26.326
8/13/2016 6:30:00 AM 37998.066 1.019	135000.000 41693.332	117.052 27.029	20.360 28.351	263.671 26.317
8/13/2016 6:45:00 AM 38000.090 1.019	135900.000 41696.934	117.079 27.032	20.358 28.354	263.733 26.316
8/13/2016 7:00:00 AM 38016.949 1.019	136800.000 41710.922	117.072 27.042	20.363 28.363	263.717 26.304
8/13/2016 7:15:00 AM 38038.027 1.019	137700.000 41736.340	117.078 27.060	20.361 28.381	263.731 26.289
8/13/2016 7:30:00 AM 38028.023 1.019	138600.000 41727.898	117.126 27.054	20.358 28.375	263.837 26.296
8/13/2016 7:45:00 AM 38009.773 1.019	139500.000 41704.109	117.103 27.037	20.362 28.359	263.786 26.309
8/13/2016 8:00:00 AM 37986.844 1.019	140400.000 41683.164	117.117 27.022	20.357 28.345	263.818 26.325

8/13/2016 8:15:00 AM 38043.629 1.019	141300.000 41744.246	117.124 27.066	20.359 28.386	263.833 26.286
8/13/2016 8:30:00 AM 38072.832 1.019	142200.000 41777.066	117.126 27.090	20.358 28.408	263.839 26.265
8/13/2016 8:45:00 AM 38038.117 1.019	143100.000 41737.738	117.142 27.061	20.359 28.382	263.874 26.289
8/13/2016 9:00:00 AM 37998.758 1.019	144000.000 41695.859	117.152 27.031	20.358 28.353	263.895 26.317
8/13/2016 9:15:00 AM 37977.945 1.019	144900.000 41672.488	117.152 27.014	20.358 28.337	263.895 26.331
8/13/2016 9:30:00 AM 38016.824 1.019	145800.000 41712.547	117.150 27.043	20.361 28.365	263.893 26.304
8/13/2016 9:45:00 AM 38031.047 1.019	146700.000 41727.914	117.154 27.054	20.362 28.375	263.900 26.294
8/13/2016 10:00:00 AM 38013.238 1.019	147600.000 41715.035	117.167 27.045	20.354 28.366	263.929 26.307
8/13/2016 10:15:00 AM 37997.328 1.019	148500.000 41692.762	117.161 27.029	20.359 28.351	263.916 26.318
8/13/2016 10:30:00 AM 38029.340 1.019	149400.000 41731.172	117.165 27.057	20.356 28.377	263.926 26.295
8/13/2016 10:45:00 AM 37998.262 1.019	150300.000 41698.898	117.152 27.033	20.354 28.355	263.895 26.317
8/13/2016 11:00:00 AM 37966.852 1.019	151200.000 41666.191	117.162 27.010	20.352 28.333	263.919 26.339
8/13/2016 11:15:00 AM 38028.258 1.019	152100.000 41730.297	117.165 27.056	20.355 28.377	263.926 26.296
8/13/2016 11:30:00 AM 37969.633 1.019	153000.000 41668.250	117.164 27.011	20.353 28.334	263.924 26.337
8/13/2016 11:45:00 AM 38025.691 1.019	153900.000 41721.816	117.153 27.050	20.362 28.371	263.898 26.298
8/13/2016 12:00:00 PM 38051.676 1.019	154800.000 41755.379	117.158 27.074	20.356 28.394	263.909 26.280
8/13/2016 12:15:00 PM 38040.902 1.019	155700.000 41745.012	117.153 27.066	20.354 28.387	263.898 26.287
8/13/2016 12:30:00 PM 38004.855 1.019	156600.000 41704.836	117.148 27.038	20.355 28.359	263.887 26.312
8/13/2016 12:45:00 PM 38017.727	157500.000 41722.254	117.152 27.050	20.351 28.371	263.895 26.304

1.019				
8/13/2016 1:00:00 PM	158400.000	117.142	20.346	263.875
38008.555	41716.555	27.046	28.367	26.310
1.019				
8/13/2016 1:15:00 PM	159300.000	117.142	20.343	263.874
37990.355	41699.488	27.033	28.356	26.322
1.019				
8/13/2016 1:30:00 PM	160200.000	117.142	20.348	263.874
38039.063	41748.578	27.069	28.389	26.289
1.019				
8/13/2016 1:45:00 PM	161100.000	117.129	20.356	263.844
37980.152	41677.121	27.018	28.340	26.330
1.019				
8/13/2016 2:00:00 PM	162000.000	117.126	20.357	263.837
38031.656	41732.184	27.057	28.378	26.294
1.019				
8/13/2016 2:15:00 PM	162900.000	117.145	20.357	263.880
38046.715	41748.941	27.069	28.389	26.283
1.019				
8/13/2016 2:30:00 PM	163800.000	117.126	20.355	263.837
38011.270	41711.574	27.042	28.364	26.308
1.019				
8/13/2016 2:45:00 PM	164700.000	117.139	20.358	263.867
38033.188	41733.023	27.058	28.378	26.293
1.019				
8/13/2016 3:00:00 PM	165600.000	117.147	20.360	263.885
38024.516	41722.133	27.050	28.371	26.299
1.019				
8/13/2016 3:15:00 PM	166500.000	117.150	20.357	263.893
38023.406	41723.824	27.051	28.372	26.300
1.019				
8/13/2016 3:30:00 PM	167400.000	117.165	20.358	263.926
38025.488	41725.035	27.052	28.373	26.298
1.019				
8/13/2016 3:45:00 PM	168300.000	117.184	20.357	263.969
37995.809	41693.461	27.029	28.352	26.319
1.019				
8/13/2016 4:00:00 PM	169200.000	117.180	20.355	263.959
38016.535	41717.508	27.047	28.368	26.304
1.019				
8/13/2016 4:15:00 PM	170100.000	117.213	20.359	264.033
38039.086	41738.730	27.062	28.382	26.289
1.019				
8/13/2016 4:30:00 PM	171000.000	117.222	20.353	264.054
37993.352	41693.594	27.029	28.352	26.320
1.019				
8/13/2016 4:45:00 PM	171900.000	117.212	20.355	264.033
38032.809	41735.898	27.060	28.380	26.293
1.019				
8/13/2016 5:00:00 PM	172800.000	117.232	20.353	264.076
37957.582	41654.797	27.002	28.325	26.345
1.019				
8/13/2016 5:15:00 PM	173700.000	117.274	20.353	264.171
38001.633	41703.523	27.037	28.358	26.315
1.019				
8/13/2016 5:30:00 PM	174600.000	117.271	20.357	264.165

38018.320 1.019	41718.316	27.047	28.368	26.303
8/13/2016 5:45:00 PM 38020.691 1.019	175500.000 41722.285	117.308 27.050	20.355 28.371	264.247 26.301
8/13/2016 6:00:00 PM 38009.508 1.019	176400.000 41713.852	117.294 27.044	20.351 28.365	264.215 26.309
8/13/2016 6:15:00 PM 37987.551 1.019	177300.000 41687.527	117.313 27.025	20.353 28.348	264.260 26.324
8/13/2016 6:30:00 PM 38013.355 1.019	178200.000 41717.613	117.341 27.047	20.351 28.368	264.323 26.307
8/13/2016 6:45:00 PM 38022.918 1.019	179100.000 41730.320	117.333 27.056	20.349 28.377	264.305 26.300
8/13/2016 7:00:00 PM 38009.496 1.019	180000.000 41709.094	117.354 27.041	20.356 28.362	264.351 26.309
8/13/2016 7:15:00 PM 38022.285 1.019	180900.000 41721.434	117.369 27.050	20.358 28.371	264.386 26.300
8/13/2016 7:30:00 PM 37986.086 1.019	181800.000 41682.871	117.389 27.022	20.357 28.344	264.431 26.325
8/13/2016 7:45:00 PM 38021.281 1.019	182700.000 41720.422	117.394 27.049	20.358 28.370	264.442 26.301
8/13/2016 8:00:00 PM 38022.195 1.019	183600.000 41717.828	117.401 27.047	20.362 28.368	264.457 26.300
8/13/2016 8:15:00 PM 38010.066 1.019	184500.000 41707.348	117.399 27.040	20.359 28.361	264.454 26.309
8/13/2016 8:30:00 PM 37978.234 1.019	185400.000 41672.273	117.404 27.014	20.359 28.337	264.464 26.331
8/13/2016 8:45:00 PM 38005.922 1.019	186300.000 41698.203	117.411 27.033	20.364 28.355	264.480 26.312
8/13/2016 9:00:00 PM 38031.305 1.019	187200.000 41728.121	117.411 27.055	20.362 28.375	264.480 26.294
8/13/2016 9:15:00 PM 38011.680 1.019	188100.000 41703.844	117.406 27.037	20.365 28.359	264.467 26.308
8/13/2016 9:30:00 PM 38015.160 1.019	189000.000 41706.508	117.397 27.039	20.366 28.360	264.449 26.305
8/13/2016 9:45:00 PM 38019.750 1.019	189900.000 41714.457	117.406 27.045	20.363 28.366	264.468 26.302
8/13/2016 10:00:00 PM 37980.883 1.019	190800.000 41674.477	117.387 27.016	20.360 28.339	264.427 26.329

8/13/2016 10:15:00 PM 38027.473 1.019	191700.000 41728.586	117.378 27.055	20.356 28.375	264.406 26.297
8/13/2016 10:30:00 PM 37978.375 1.019	192600.000 41672.719	117.363 27.015	20.359 28.337	264.371 26.331
8/13/2016 10:45:00 PM 37980.316 1.019	193500.000 41678.680	117.362 27.019	20.354 28.342	264.369 26.329
8/13/2016 11:00:00 PM 38056.016 1.019	194400.000 41763.508	117.320 27.080	20.352 28.399	264.274 26.277
8/13/2016 11:15:00 PM 38007.523 1.019	195300.000 41714.953	117.309 27.045	20.347 28.366	264.251 26.311
8/13/2016 11:30:00 PM 37955.324 1.019	196200.000 41655.840	117.282 27.002	20.349 28.326	264.189 26.347
8/13/2016 11:45:00 PM 38015.781 1.019	197100.000 41731.293	117.270 27.056	20.339 28.377	264.163 26.305
8/14/2016 12:00:00 AM 38007.816 1.019	198000.000 41720.941	117.248 27.049	20.340 28.370	264.114 26.310
8/14/2016 12:15:00 AM 38003.863 1.019	198900.000 41715.000	117.232 27.044	20.342 28.366	264.076 26.313
8/14/2016 12:30:00 AM 37957.016 1.019	199800.000 41661.051	117.203 27.006	20.345 28.330	264.012 26.346
8/14/2016 12:45:00 AM 37970.152 1.019	200700.000 41674.867	117.171 27.016	20.346 28.339	263.940 26.336
8/14/2016 1:00:00 AM 37968.840 1.019	201600.000 41667.234	117.173 27.010	20.353 28.334	263.944 26.337
8/14/2016 1:15:00 AM 37956.980 1.019	202500.000 41662.539	117.138 27.007	20.343 28.331	263.864 26.346
8/14/2016 1:30:00 AM 38036.660 1.019	203400.000 41749.391	117.104 27.069	20.344 28.390	263.788 26.290
8/14/2016 1:45:00 AM 37982.836 1.019	204300.000 41687.637	117.079 27.025	20.347 28.348	263.732 26.328
8/14/2016 2:00:00 AM 38005.227 1.019	205200.000 41717.418	117.057 27.046	20.341 28.368	263.682 26.312
8/14/2016 2:15:00 AM 37982.199 1.019	206100.000 41688.387	117.046 27.025	20.345 28.348	263.658 26.328
8/14/2016 2:30:00 AM 37979.695 1.019	207000.000 41682.434	117.054 27.021	20.349 28.344	263.676 26.330
8/14/2016 2:45:00 AM 37992.344	207900.000 41692.715	117.019 27.029	20.353 28.351	263.598 26.321

1.019				
8/14/2016 3:00:00 AM	208800.000	117.018	20.356	263.595
38027.598	41728.957	27.055	28.376	26.297
1.019				
8/14/2016 3:15:00 AM	209700.000	116.989	20.350	263.529
38016.309	41722.000	27.050	28.371	26.305
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8/14/2016 3:30:00 AM	210600.000	116.992	20.351	263.535
37991.035	41693.352	27.029	28.351	26.322
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8/14/2016 3:45:00 AM	211500.000	116.992	20.359	263.537
38036.258	41735.938	27.060	28.380	26.291
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8/14/2016 4:00:00 AM	212400.000	116.960	20.355	263.464
38000.902	41700.570	27.035	28.356	26.315
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8/14/2016 4:15:00 AM	213300.000	116.989	20.352	263.529
38020.121	41724.652	27.052	28.373	26.302
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8/14/2016 4:30:00 AM	214200.000	116.961	20.347	263.466
37966.336	41669.984	27.012	28.336	26.339
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8/14/2016 4:45:00 AM	215100.000	116.957	20.353	263.458
38004.996	41706.371	27.039	28.360	26.312
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8/14/2016 5:00:00 AM	216000.000	116.964	20.350	263.472
38016.680	41722.336	27.050	28.371	26.304
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8/14/2016 5:15:00 AM	216900.000	116.967	20.358	263.479
38027.039	41726.816	27.054	28.374	26.297
1.019				
8/14/2016 5:30:00 AM	217800.000	116.972	20.361	263.491
38016.082	41711.582	27.043	28.364	26.305
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8/14/2016 5:45:00 AM	218700.000	116.990	20.354	263.532
37968.684	41666.441	27.010	28.333	26.337
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8/14/2016 6:00:00 AM	219600.000	116.995	20.351	263.542
37977.762	41679.082	27.019	28.342	26.331
1.019				
8/14/2016 6:15:00 AM	220500.000	117.008	20.347	263.573
37982.074	41687.258	27.025	28.347	26.328
1.019				
8/14/2016 6:30:00 AM	221400.000	117.019	20.348	263.598
37977.324	41680.523	27.020	28.343	26.332
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8/14/2016 6:45:00 AM	222300.000	117.042	20.351	263.649
38007.023	41710.734	27.042	28.363	26.311
1.019				
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37993.793	41691.559	27.028	28.350	26.320
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8/14/2016 7:15:00 AM	224100.000	117.055	20.358	263.677
38019.789	41718.473	27.048	28.369	26.302
1.019				
8/14/2016 7:30:00 AM	225000.000	117.078	20.354	263.731

37979.816	41678.359	27.018	28.341	26.330
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8/14/2016 7:45:00 AM	225900.000	117.089	20.356	263.755
37984.922	41681.824	27.021	28.344	26.326
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8/14/2016 8:00:00 AM	226800.000	117.099	20.358	263.776
37992.746	41688.727	27.026	28.348	26.321
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8/14/2016 8:15:00 AM	227700.000	117.119	20.359	263.822
38031.875	41731.043	27.057	28.377	26.294
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8/14/2016 8:30:00 AM	228600.000	117.144	20.355	263.879
38046.164	41750.020	27.070	28.390	26.284
1.019				
8/14/2016 8:45:00 AM	229500.000	117.158	20.356	263.909
37994.273	41692.543	27.029	28.351	26.320
1.019				
8/14/2016 9:00:00 AM	230400.000	117.173	20.358	263.944
38022.492	41722.051	27.050	28.371	26.300
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37995.375	41691.832	27.028	28.350	26.319
1.019				
8/14/2016 9:30:00 AM	232200.000	117.176	20.356	263.951
37992.762	41690.957	27.028	28.350	26.321
1.019				
8/14/2016 9:45:00 AM	233100.000	117.173	20.359	263.944
37987.340	41682.176	27.021	28.344	26.325
1.019				
8/14/2016 10:00:00 AM	234000.000	117.197	20.356	263.999
38026.090	41727.531	27.054	28.375	26.298
1.019				
8/14/2016 10:15:00 AM	234900.000	117.191	20.359	263.984
37989.223	41683.941	27.023	28.345	26.323
1.019				
8/14/2016 10:30:00 AM	235800.000	117.210	20.357	264.028
38008.188	41707.047	27.039	28.361	26.310
1.019				
8/14/2016 10:45:00 AM	236700.000	117.198	20.358	264.000
37968.246	41662.137	27.007	28.330	26.338
1.019				
8/14/2016 11:00:00 AM	237600.000	117.206	20.355	264.017
37967.777	41663.930	27.008	28.331	26.338
1.019				
8/14/2016 11:15:00 AM	238500.000	117.189	20.357	263.979
38021.934	41721.750	27.050	28.371	26.301
1.019				
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38035.770	41736.777	27.061	28.381	26.291
1.019				
8/14/2016 11:45:00 AM	240300.000	117.189	20.357	263.979
38035.465	41737.055	27.061	28.381	26.291
1.019				
8/14/2016 12:00:00 PM	241200.000	117.193	20.353	263.989
38010.930	41713.570	27.044	28.365	26.308
1.019				

8/14/2016 12:15:00 PM 38012.230 1.019	242100.000 41709.723	117.192 27.041	20.359 28.363	263.987 26.307
8/14/2016 12:30:00 PM 38006.461 1.019	243000.000 41707.520	117.192 27.039	20.354 28.361	263.987 26.311
8/14/2016 12:45:00 PM 37985.188 1.019	243900.000 41683.035	117.182 27.022	20.355 28.344	263.964 26.326
8/14/2016 1:00:00 PM 38017.484 1.019	244800.000 41717.707	117.178 27.047	20.356 28.368	263.956 26.304
8/14/2016 1:15:00 PM 38033.473 1.019	245700.000 41738.465	117.178 27.062	20.353 28.382	263.954 26.293
8/14/2016 1:30:00 PM 38016.988 1.019	246600.000 41725.496	117.158 27.052	20.347 28.373	263.909 26.304
8/14/2016 1:45:00 PM 37992.828 1.019	247500.000 41694.551	117.187 27.030	20.352 28.352	263.975 26.321
8/14/2016 2:00:00 PM 37981.613 1.019	248400.000 41686.227	117.161 27.024	20.347 28.347	263.916 26.329
8/14/2016 2:15:00 PM 38008.844 1.019	249300.000 41716.719	117.187 27.046	20.346 28.367	263.975 26.310
8/14/2016 2:30:00 PM 38055.012 1.019	250200.000 41761.559	117.153 27.078	20.353 28.398	263.898 26.278
8/14/2016 2:45:00 PM 37994.563 1.019	251100.000 41699.441	117.150 27.033	20.348 28.356	263.893 26.320
8/14/2016 3:00:00 PM 38033.332 1.019	252000.000 41741.219	117.179 27.064	20.349 28.384	263.958 26.293
8/14/2016 3:15:00 PM 37997.203 1.019	252900.000 41700.418	117.155 27.034	20.351 28.356	263.904 26.318
8/14/2016 3:30:00 PM 38024.887 1.019	253800.000 41732.184	117.171 27.057	20.349 28.378	263.940 26.299
8/14/2016 3:45:00 PM 38049.316 1.019	254700.000 41763.047	117.162 27.079	20.344 28.399	263.920 26.282
8/14/2016 4:00:00 PM 38011.867 1.019	255600.000 41715.207	117.198 27.045	20.352 28.366	264.000 26.308
8/14/2016 4:15:00 PM 38028.832 1.019	256500.000 41733.910	117.174 27.058	20.352 28.379	263.946 26.296
8/14/2016 4:30:00 PM 38021.602 1.019	257400.000 41727.656	117.194 27.054	20.350 28.375	263.991 26.301
8/14/2016 4:45:00 PM 37995.012	258300.000 41695.715	117.220 27.031	20.353 28.353	264.049 26.319

1.019				
8/14/2016 5:00:00 PM	259200.000	117.212	20.349	264.033
37999.309	41703.805	27.037	28.359	26.316
1.019				
8/14/2016 5:15:00 PM	260100.000	117.227	20.353	264.065
38025.555	41729.391	27.055	28.376	26.298
1.019				
8/14/2016 5:30:00 PM	261000.000	117.248	20.358	264.114
37989.766	41686.066	27.024	28.347	26.323
1.019				
8/14/2016 5:45:00 PM	261900.000	117.262	20.356	264.144
38001.445	41700.109	27.034	28.356	26.315
1.019				
8/14/2016 6:00:00 PM	262800.000	117.272	20.359	264.167
38045.285	41746.063	27.067	28.387	26.284
1.019				
8/14/2016 6:15:00 PM	263700.000	117.286	20.359	264.198
38008.785	41705.793	27.038	28.360	26.310
1.019				
8/14/2016 6:30:00 PM	264600.000	117.306	20.363	264.244
38055.625	41753.891	27.073	28.393	26.277
1.019				
8/14/2016 6:45:00 PM	265500.000	117.332	20.358	264.302
38006.270	41703.566	27.037	28.358	26.311
1.019				
8/14/2016 7:00:00 PM	266400.000	117.341	20.360	264.321
37986.609	41680.156	27.020	28.343	26.325
1.019				
8/14/2016 7:15:00 PM	267300.000	117.363	20.362	264.371
38032.555	41729.191	27.055	28.376	26.293
1.019				
8/14/2016 7:30:00 PM	268200.000	117.373	20.363	264.393
37979.102	41669.398	27.012	28.335	26.330
1.019				
8/14/2016 7:45:00 PM	269100.000	117.386	20.365	264.424
38002.965	41694.129	27.030	28.352	26.314
1.019				
8/14/2016 8:00:00 PM	270000.000	117.401	20.367	264.457
37980.398	41667.457	27.011	28.334	26.329
1.019				
8/14/2016 8:15:00 PM	270900.000	117.413	20.372	264.483
38032.781	41720.410	27.049	28.370	26.293
1.019				
8/14/2016 8:30:00 PM	271800.000	117.431	20.370	264.524
38025.563	41714.863	27.045	28.366	26.298
1.019				
8/14/2016 8:45:00 PM	272700.000	117.443	20.375	264.553
38027.563	41712.164	27.044	28.364	26.297
1.019				
8/14/2016 9:00:00 PM	273600.000	117.451	20.370	264.570
38004.082	41691.074	27.028	28.350	26.313
1.019				
8/14/2016 9:15:00 PM	274500.000	117.457	20.373	264.584
38037.176	41724.543	27.052	28.373	26.290
1.019				
8/14/2016 9:30:00 PM	275400.000	117.462	20.371	264.595

38035.191	41724.281	27.052	28.373	26.291
1.019				
8/14/2016 9:45:00 PM	276300.000	117.453	20.376	264.574
38012.461	41695.059	27.031	28.353	26.307
1.019				
8/14/2016 10:00:00 PM	277200.000	117.459	20.371	264.587
38003.797	41689.535	27.027	28.349	26.313
1.019				
8/14/2016 10:15:00 PM	278100.000	117.446	20.369	264.559
38034.289	41724.664	27.052	28.373	26.292
1.019				
8/14/2016 10:30:00 PM	279000.000	117.422	20.370	264.504
37993.383	41679.176	27.020	28.342	26.320
1.019				
8/14/2016 10:45:00 PM	279900.000	117.425	20.372	264.511
38003.473	41688.188	27.026	28.348	26.313
1.019				
8/14/2016 11:00:00 PM	280800.000	117.384	20.373	264.419
38014.422	41699.965	27.035	28.356	26.306
1.019				
8/14/2016 11:15:00 PM	281700.000	117.399	20.374	264.453
38027.867	41713.645	27.045	28.365	26.297
1.019				
8/14/2016 11:30:00 PM	282600.000	117.361	20.371	264.368
38012.910	41699.992	27.035	28.356	26.307
1.019				
8/14/2016 11:45:00 PM	283500.000	117.362	20.372	264.369
38026.109	41713.777	27.045	28.365	26.298
1.019				
8/15/2016 12:00:00 AM	284400.000	117.336	20.369	264.310
38043.504	41734.926	27.060	28.380	26.286
1.019				
8/15/2016 12:15:00 AM	285300.000	117.287	20.368	264.200
38020.602	41710.570	27.042	28.363	26.302
1.019				
8/15/2016 12:30:00 AM	286200.000	117.267	20.371	264.154
38039.145	41728.918	27.055	28.376	26.289
1.019				
8/15/2016 12:45:00 AM	287100.000	117.242	20.369	264.099
37992.469	41679.395	27.020	28.342	26.321
1.019				
8/15/2016 1:00:00 AM	288000.000	117.245	20.363	264.106
38028.832	41724.270	27.052	28.373	26.296
1.019				
8/15/2016 1:15:00 AM	288900.000	117.216	20.360	264.040
38013.609	41710.238	27.042	28.363	26.306
1.019				
8/15/2016 1:30:00 AM	289800.000	117.188	20.352	263.978
38010.395	41713.758	27.044	28.365	26.309
1.019				
8/15/2016 1:45:00 AM	290700.000	117.149	20.351	263.889
37996.098	41698.676	27.033	28.355	26.318
1.019				
8/15/2016 2:00:00 AM	291600.000	117.126	20.343	263.837
38031.227	41744.195	27.066	28.386	26.294
1.019				

8/15/2016 2:15:00 AM 37973.824 1.019	292500.000 41680.879	117.103 27.020	20.344 28.343	263.786 26.334
8/15/2016 2:30:00 AM 37988.617 1.019	293400.000 41692.992	117.081 27.029	20.348 28.351	263.737 26.324
8/15/2016 2:45:00 AM 37971.742 1.019	294300.000 41678.668	117.060 27.018	20.343 28.341	263.689 26.335
8/15/2016 3:00:00 AM 38027.293 1.019	295200.000 41735.125	117.047 27.059	20.349 28.380	263.659 26.297
8/15/2016 3:15:00 AM 38031.461 1.019	296100.000 41738.867	117.032 27.062	20.350 28.382	263.627 26.294
8/15/2016 3:30:00 AM 38028.621 1.019	297000.000 41734.293	116.995 27.059	20.351 28.379	263.542 26.296
8/15/2016 3:45:00 AM 38008.082 1.019	297900.000 41710.137	116.990 27.041	20.353 28.363	263.532 26.310
8/15/2016 4:00:00 AM 38008.781 1.019	298800.000 41714.961	116.969 27.045	20.348 28.366	263.483 26.310
8/15/2016 4:15:00 AM 38027.867 1.019	299700.000 41731.551	116.999 27.057	20.353 28.377	263.553 26.297
8/15/2016 4:30:00 AM 38009.102 1.019	300600.000 41712.559	116.964 27.043	20.352 28.365	263.472 26.309
8/15/2016 4:45:00 AM 38013.109 1.019	301500.000 41716.273	116.957 27.046	20.352 28.367	263.458 26.307
8/15/2016 5:00:00 AM 38032.688 1.019	302400.000 41739.977	116.953 27.063	20.350 28.383	263.448 26.293
8/15/2016 5:15:00 AM 38041.750 1.019	303300.000 41748.703	116.956 27.069	20.351 28.389	263.456 26.287
8/15/2016 5:30:00 AM 38021.164 1.019	304200.000 41729.926	116.961 27.055	20.347 28.376	263.466 26.301
8/15/2016 5:45:00 AM 38015.508 1.019	305100.000 41724.793	116.975 27.052	20.346 28.373	263.497 26.305
8/15/2016 6:00:00 AM 37979.395 1.019	306000.000 41687.844	116.984 27.025	20.343 28.348	263.517 26.330
8/15/2016 6:15:00 AM 38002.977 1.019	306900.000 41712.031	116.981 27.042	20.344 28.364	263.512 26.314
8/15/2016 6:30:00 AM 38022.156 1.019	307800.000 41729.875	116.993 27.055	20.348 28.376	263.539 26.300
8/15/2016 6:45:00 AM 37984.203	308700.000 41687.832	117.016 27.025	20.349 28.348	263.590 26.327

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38005.059	41702.238	27.036	28.358	26.312
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38025.680	41723.250	27.051	28.372	26.298
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37991.363	41687.590	27.025	28.348	26.322
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38040.191	41741.008	27.064	28.384	26.288
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38019.824	41719.434	27.048	28.369	26.302
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38002.117	41700.918	27.035	28.357	26.314
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37986.316	41681.820	27.021	28.344	26.325
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38004.656	41705.844	27.038	28.360	26.313
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38012.090	41717.676	27.047	28.368	26.307
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37998.973	41699.914	27.034	28.356	26.317
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38039.617	41742.449	27.065	28.385	26.288
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38025.145	41728.711	27.055	28.376	26.298
1.019				

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8/15/2016 6:15:00 PM 38022.637 1.019	350100.000 41723.211	117.332 27.051	20.356 28.372	264.303 26.300
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38017.805	41717.289	27.047	28.368	26.303
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38033.164	41723.746	27.052	28.372	26.293
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38031.656 1.019	41720.945	27.050	28.370	26.294
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8/16/2016 2:00:00 AM 37999.414 1.019	378000.000 41695.586	117.236 27.031	20.359 28.353	264.086 26.316
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8/16/2016 2:30:00 AM 37991.938 1.019	379800.000 41704.738	117.171 27.037	20.339 28.359	263.939 26.321
8/16/2016 2:45:00 AM 37986.199 1.019	380700.000 41696.918	117.144 27.031	20.341 28.354	263.878 26.325
8/16/2016 3:00:00 AM 37972.922 1.019	381600.000 41681.039	117.121 27.020	20.342 28.343	263.826 26.335
8/16/2016 3:15:00 AM 37990.898 1.019	382500.000 41698.555	117.091 27.033	20.345 28.355	263.758 26.322
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8/16/2016 4:30:00 AM 38000.703 1.019	387000.000 41701.199	117.022 27.035	20.354 28.357	263.604 26.315
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8/16/2016 7:00:00 AM 38022.379 1.019	396000.000 41723.766	117.003 27.051	20.355 28.372	263.560 26.300
8/16/2016 7:15:00 AM 38015.883 1.019	396900.000 41713.496	117.016 27.044	20.359 28.365	263.590 26.305
8/16/2016 7:30:00 AM 38033.855 1.019	397800.000 41731.996	117.045 27.057	20.360 28.378	263.656 26.292
8/16/2016 7:45:00 AM 38039.754 1.019	398700.000 41742.145	117.046 27.064	20.356 28.385	263.658 26.288
8/16/2016 8:00:00 AM 38008.961 1.019	399600.000 41709.121	117.089 27.041	20.355 28.362	263.753 26.310
8/16/2016 8:15:00 AM 38013.383 1.019	400500.000 41715.039	117.085 27.045	20.354 28.366	263.745 26.307
8/16/2016 8:30:00 AM 38015.773 1.019	401400.000 41720.270	117.102 27.049	20.351 28.370	263.784 26.305
8/16/2016 8:45:00 AM 38009.250 1.019	402300.000 41710.117	117.122 27.041	20.355 28.363	263.830 26.309
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8/16/2016 10:15:00 AM 38030.742 1.019	407700.000 41728.344	117.225 27.055	20.361 28.375	264.061 26.295
8/16/2016 10:30:00 AM 38003.809 1.019	408600.000 41700.715	117.263 27.035	20.358 28.356	264.145 26.313
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38044.168	41746.293	27.068	28.387	26.285
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38027.746	41731.492	27.057	28.377	26.297
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38037.840	41740.277	27.063	28.383	26.290
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38040.488	41744.859	27.066	28.387	26.288
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38024.285	41731.145	27.056	28.377	26.299
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8/16/2016 3:00:00 PM	424800.000	117.214	20.356	264.035
38013.680	41713.531	27.044	28.365	26.306
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8/16/2016 3:15:00 PM	425700.000	117.228	20.352	264.066
38031.172	41736.559	27.060	28.381	26.294
1.019				
8/16/2016 3:30:00 PM	426600.000	117.196	20.354	263.995

38042.605 1.019	41746.957	27.068	28.388	26.286
8/16/2016 3:45:00 PM 38025.078 1.019	427500.000 41728.328	117.196 27.054	20.354 28.375	263.995 26.298
8/16/2016 4:00:00 PM 38056.352 1.019	428400.000 41766.184	117.187 27.082	20.350 28.401	263.976 26.277
8/16/2016 4:15:00 PM 38022.184 1.019	429300.000 41726.613	117.215 27.053	20.352 28.374	264.038 26.300
8/16/2016 4:30:00 PM 37998.773 1.019	430200.000 41699.309	117.192 27.034	20.354 28.356	263.987 26.317
8/16/2016 4:45:00 PM 38008.695 1.019	431100.000 41713.105	117.209 27.043	20.350 28.365	264.025 26.310
8/16/2016 5:00:00 PM 38025.406 1.019	432000.000 41727.461	117.192 27.054	20.355 28.375	263.987 26.298
8/16/2016 5:15:00 PM 38034.586 1.019	432900.000 41738.082	117.191 27.062	20.354 28.382	263.984 26.292
8/16/2016 5:30:00 PM 38022.281 1.019	433800.000 41723.738	117.208 27.051	20.355 28.372	264.022 26.300
8/16/2016 5:45:00 PM 38038.363 1.019	434700.000 41740.691	117.214 27.063	20.356 28.384	264.035 26.289
8/16/2016 6:00:00 PM 38016.434 1.019	435600.000 41718.770	117.232 27.048	20.354 28.369	264.077 26.304
8/16/2016 6:15:00 PM 38026.742 1.019	436500.000 41728.395	117.261 27.055	20.356 28.375	264.141 26.297
8/16/2016 6:30:00 PM 38010.855 1.019	437400.000 41715.016	117.252 27.045	20.351 28.366	264.122 26.308
8/16/2016 6:45:00 PM 38011.844 1.019	438300.000 41712.508	117.259 27.043	20.355 28.365	264.137 26.308
8/16/2016 7:00:00 PM 38015.813 1.019	439200.000 41717.246	117.312 27.047	20.355 28.368	264.258 26.305
8/16/2016 7:15:00 PM 38011.055 1.019	440100.000 41707.824	117.326 27.040	20.359 28.361	264.289 26.308
8/16/2016 7:30:00 PM 38022.563 1.019	441000.000 41725.414	117.321 27.052	20.354 28.373	264.276 26.300
8/16/2016 7:45:00 PM 38033.203 1.019	441900.000 41735.188	117.336 27.059	20.356 28.380	264.311 26.293
8/16/2016 8:00:00 PM 38024.387 1.019	442800.000 41725.199	117.384 27.052	20.356 28.373	264.420 26.299

8/16/2016 8:15:00 PM 37996.012 1.019	443700.000 41694.598	117.380 27.030	20.356 28.352	264.409 26.319
8/16/2016 8:30:00 PM 38025.168 1.019	444600.000 41726.215	117.401 27.053	20.356 28.374	264.457 26.298
8/16/2016 8:45:00 PM 38005.676 1.019	445500.000 41705.277	117.433 27.038	20.356 28.360	264.530 26.312
8/16/2016 9:00:00 PM 38045.188 1.019	446400.000 41751.773	117.436 27.071	20.352 28.391	264.535 26.285
8/16/2016 9:15:00 PM 38005.949 1.019	447300.000 41710.094	117.458 27.041	20.350 28.363	264.587 26.312
8/16/2016 9:30:00 PM 38030.629 1.019	448200.000 41731.672	117.484 27.057	20.357 28.378	264.645 26.295
8/16/2016 9:45:00 PM 38027.297 1.019	449100.000 41725.719	117.478 27.053	20.359 28.373	264.630 26.297
8/16/2016 10:00:00 PM 38043.125 1.019	450000.000 41744.848	117.501 27.066	20.357 28.386	264.682 26.286
8/16/2016 10:15:00 PM 38029.363 1.019	450900.000 41729.289	117.492 27.055	20.358 28.376	264.663 26.295
8/16/2016 10:30:00 PM 38017.621 1.019	451800.000 41715.563	117.499 27.045	20.359 28.367	264.677 26.304
8/16/2016 10:45:00 PM 38021.309 1.019	452700.000 41720.910	117.502 27.049	20.357 28.370	264.684 26.301
8/16/2016 11:00:00 PM 38020.504 1.019	453600.000 41721.711	117.488 27.050	20.355 28.371	264.653 26.302
8/16/2016 11:15:00 PM 38004.543 1.019	454500.000 41704.195	117.497 27.037	20.355 28.359	264.673 26.313
8/16/2016 11:30:00 PM 38033.883 1.019	455400.000 41738.531	117.494 27.062	20.353 28.382	264.666 26.292
8/16/2016 11:45:00 PM 37997.160 1.019	456300.000 41699.613	117.485 27.034	20.351 28.356	264.646 26.318
8/17/2016 12:00:00 AM 38013.504 1.019	457200.000 41714.484	117.476 27.045	20.355 28.366	264.627 26.306
8/17/2016 12:15:00 AM 38009.371 1.019	458100.000 41710.711	117.469 27.042	20.354 28.363	264.611 26.309
8/17/2016 12:30:00 AM 38015.730 1.019	459000.000 41720.680	117.429 27.049	20.351 28.370	264.521 26.305
8/17/2016 12:45:00 AM 38037.750	459900.000 41745.996	117.413 27.067	20.349 28.387	264.483 26.290

1.019				
8/17/2016 1:00:00 AM	460800.000	117.387	20.348	264.427
38015.770	41723.012	27.050	28.372	26.305
1.019				
8/17/2016 1:15:00 AM	461700.000	117.363	20.355	264.371
38005.363	41705.246	27.038	28.360	26.312
1.019				
8/17/2016 1:30:00 AM	462600.000	117.323	20.353	264.282
38029.691	41734.156	27.059	28.379	26.295
1.019				
8/17/2016 1:45:00 AM	463500.000	117.308	20.354	264.248
38026.699	41729.426	27.055	28.376	26.297
1.019				
8/17/2016 2:00:00 AM	464400.000	117.275	20.353	264.173
37996.652	41697.441	27.032	28.354	26.318
1.019				
8/17/2016 2:15:00 AM	465300.000	117.242	20.347	264.099
37981.309	41686.109	27.024	28.347	26.329
1.019				
8/17/2016 2:30:00 AM	466200.000	117.244	20.351	264.103
38009.938	41714.094	27.044	28.366	26.309
1.019				
8/17/2016 2:45:00 AM	467100.000	117.192	20.343	263.987
38006.168	41717.148	27.046	28.368	26.312
1.019				
8/17/2016 3:00:00 AM	468000.000	117.158	20.346	263.909
37987.793	41694.449	27.030	28.352	26.324
1.019				
8/17/2016 3:15:00 AM	468900.000	117.141	20.349	263.871
37996.699	41701.398	27.035	28.357	26.318
1.019				
8/17/2016 3:30:00 AM	469800.000	117.096	20.355	263.771
38014.855	41715.664	27.045	28.367	26.306
1.019				
8/17/2016 3:45:00 AM	470700.000	117.068	20.353	263.708
38017.762	41721.141	27.049	28.370	26.303
1.019				
8/17/2016 4:00:00 AM	471600.000	117.042	20.347	263.649
38000.457	41706.738	27.039	28.361	26.315
1.019				
8/17/2016 4:15:00 AM	472500.000	117.028	20.346	263.617
37988.480	41694.668	27.030	28.352	26.324
1.019				
8/17/2016 4:30:00 AM	473400.000	117.008	20.341	263.573
37999.711	41711.898	27.042	28.364	26.316
1.019				
8/17/2016 4:45:00 AM	474300.000	117.010	20.346	263.578
38002.230	41709.758	27.041	28.363	26.314
1.019				
8/17/2016 5:00:00 AM	475200.000	116.962	20.348	263.468
38022.527	41730.742	27.056	28.377	26.300
1.019				
8/17/2016 5:15:00 AM	476100.000	116.951	20.349	263.443
38018.070	41724.629	27.052	28.373	26.303
1.019				
8/17/2016 5:30:00 AM	477000.000	116.933	20.350	263.403

38061.551 1.019	41771.805	27.086	28.405	26.273
8/17/2016 5:45:00 AM 38022.383 1.019	477900.000 41730.582	116.933 27.056	20.348 28.377	263.403 26.300
8/17/2016 6:00:00 AM 38036.461 1.019	478800.000 41745.039	116.942 27.066	20.349 28.387	263.424 26.291
8/17/2016 6:15:00 AM 38041.848 1.019	479700.000 41742.453	116.915 27.065	20.358 28.385	263.362 26.287
8/17/2016 6:30:00 AM 38013.797 1.019	480600.000 41716.184	116.930 27.046	20.353 28.367	263.397 26.306
8/17/2016 6:45:00 AM 38008.340 1.019	481500.000 41709.961	116.930 27.041	20.354 28.363	263.396 26.310
8/17/2016 7:00:00 AM 38007.820 1.019	482400.000 41709.473	116.936 27.041	20.353 28.362	263.409 26.310
8/17/2016 7:15:00 AM 38024.320 1.019	483300.000 41725.664	116.942 27.053	20.356 28.373	263.424 26.299
8/17/2016 7:30:00 AM 38010.438 1.019	484200.000 41710.129	116.946 27.041	20.356 28.363	263.433 26.309
8/17/2016 7:45:00 AM 38017.730 1.019	485100.000 41724.023	116.969 27.051	20.349 28.372	263.483 26.304
8/17/2016 8:00:00 AM 38004.184 1.019	486000.000 41704.258	116.970 27.037	20.355 28.359	263.486 26.313
8/17/2016 8:15:00 AM 38014.688 1.019	486900.000 41712.344	116.997 27.043	20.359 28.364	263.547 26.306
8/17/2016 8:30:00 AM 38037.504 1.019	487800.000 41734.391	117.036 27.059	20.362 28.379	263.635 26.290
8/17/2016 8:45:00 AM 38013.801 1.019	488700.000 41708.457	117.040 27.040	20.362 28.362	263.644 26.306
8/17/2016 9:00:00 AM 38000.121 1.019	489600.000 41696.668	117.073 27.032	20.358 28.354	263.718 26.316
8/17/2016 9:15:00 AM 37997.746 1.019	490500.000 41699.102	117.108 27.033	20.353 28.355	263.796 26.317
8/17/2016 9:30:00 AM 38012.520 1.019	491400.000 41712.180	117.111 27.043	20.356 28.364	263.804 26.307
8/17/2016 9:45:00 AM 38012.535 1.019	492300.000 41708.828	117.138 27.041	20.360 28.362	263.865 26.307
8/17/2016 10:00:00 AM 38025.305 1.019	493200.000 41725.676	117.137 27.053	20.357 28.373	263.863 26.298

8/17/2016 10:15:00 AM 38022.262 1.019	494100.000 41723.102	117.155 27.051	20.356 28.372	263.904 26.300
8/17/2016 10:30:00 AM 38026.906 1.019	495000.000 41723.074	117.171 27.051	20.362 28.372	263.940 26.297
8/17/2016 10:45:00 AM 38008.121 1.019	495900.000 41702.387	117.189 27.036	20.362 28.358	263.979 26.310
8/17/2016 11:00:00 AM 38034.973 1.019	496800.000 41731.160	117.203 27.057	20.363 28.377	264.012 26.292
8/17/2016 11:15:00 AM 38034.039 1.019	497700.000 41729.828	117.238 27.056	20.363 28.376	264.089 26.292
8/17/2016 11:30:00 AM 38033.988 1.019	498600.000 41726.168	117.244 27.053	20.367 28.374	264.103 26.292
8/17/2016 11:45:00 AM 38019.840 1.019	499500.000 41712.871	117.235 27.044	20.365 28.365	264.083 26.302
8/17/2016 12:00:00 PM 38020.457 1.019	500400.000 41712.852	117.244 27.044	20.365 28.365	264.103 26.302
8/17/2016 12:15:00 PM 38031.637 1.019	501300.000 41721.828	117.234 27.050	20.369 28.371	264.081 26.294
8/17/2016 12:30:00 PM 38032.066 1.019	502200.000 41717.785	117.258 27.048	20.374 28.368	264.135 26.294
8/17/2016 12:45:00 PM 38016.637 1.019	503100.000 41705.000	117.243 27.038	20.370 28.359	264.101 26.304
8/17/2016 1:00:00 PM 38028.168 1.019	504000.000 41715.578	117.268 27.046	20.372 28.367	264.158 26.296
8/17/2016 1:15:00 PM 37995.926 1.019	504900.000 41683.266	117.232 27.023	20.369 28.345	264.077 26.319
8/17/2016 1:30:00 PM 38028.891 1.019	505800.000 41717.910	117.230 27.048	20.370 28.368	264.073 26.296
8/17/2016 1:45:00 PM 38011.844 1.019	506700.000 41703.176	117.223 27.037	20.366 28.358	264.057 26.308
8/17/2016 2:00:00 PM 38040.473 1.019	507600.000 41731.449	117.206 27.057	20.369 28.377	264.017 26.288
8/17/2016 2:15:00 PM 38013.180 1.019	508500.000 41699.293	117.208 27.034	20.372 28.356	264.022 26.307
8/17/2016 2:30:00 PM 38024.570 1.019	509400.000 41715.918	117.213 27.046	20.367 28.367	264.033 26.299
8/17/2016 2:45:00 PM 38035.191	510300.000 41728.789	117.191 27.055	20.366 28.376	263.984 26.291

1.019				
8/17/2016 3:00:00 PM	511200.000	117.197	20.369	263.999
38019.570	41709.203	27.041	28.362	26.302
1.019				
8/17/2016 3:15:00 PM	512100.000	117.187	20.372	263.975
38024.609	41711.832	27.043	28.364	26.299
1.019				
8/17/2016 3:30:00 PM	513000.000	117.149	20.369	263.889
38017.867	41706.801	27.039	28.361	26.303
1.019				
8/17/2016 3:45:00 PM	513900.000	117.158	20.370	263.909
38028.805	41717.891	27.048	28.368	26.296
1.019				
8/17/2016 4:00:00 PM	514800.000	117.135	20.368	263.858
38033.164	41724.805	27.052	28.373	26.293
1.019				
8/17/2016 4:15:00 PM	515700.000	117.126	20.365	263.837
38028.113	41721.484	27.050	28.371	26.296
1.019				
8/17/2016 4:30:00 PM	516600.000	117.108	20.361	263.796
38040.621	41738.805	27.062	28.382	26.288
1.019				
8/17/2016 4:45:00 PM	517500.000	117.124	20.365	263.833
38028.746	41722.031	27.050	28.371	26.296
1.019				
8/17/2016 5:00:00 PM	518400.000	117.108	20.364	263.798
38007.066	41699.160	27.034	28.355	26.311
1.019				
8/17/2016 5:15:00 PM	519300.000	117.108	20.366	263.796
38007.621	41698.082	27.033	28.355	26.311
1.019				
8/17/2016 5:30:00 PM	520200.000	117.113	20.370	263.809
38006.430	41693.801	27.030	28.352	26.311
1.019				
8/17/2016 5:45:00 PM	521100.000	117.111	20.361	263.804
38030.074	41726.934	27.054	28.374	26.295
1.019				
8/17/2016 6:00:00 PM	522000.000	117.117	20.362	263.818
38020.324	41715.465	27.046	28.367	26.302
1.019				
8/17/2016 6:15:00 PM	522900.000	117.128	20.362	263.843
38021.355	41717.059	27.047	28.368	26.301
1.019				
8/17/2016 6:30:00 PM	523800.000	117.135	20.361	263.858
38034.801	41732.570	27.058	28.378	26.292
1.019				
8/17/2016 6:45:00 PM	524700.000	117.158	20.357	263.909
38018.910	41718.891	27.048	28.369	26.303
1.019				
8/17/2016 7:00:00 PM	525600.000	117.154	20.350	263.900
38004.895	41709.012	27.040	28.362	26.312
1.019				
8/17/2016 7:15:00 PM	526500.000	117.171	20.354	263.939
38015.668	41718.000	27.047	28.368	26.305
1.019				
8/17/2016 7:30:00 PM	527400.000	117.190	20.348	263.981

38015.344	41722.164	27.050	28.371	26.305
1.019				
8/17/2016 7:45:00 PM	528300.000	117.215	20.350	264.038
38018.781	41724.715	27.052	28.373	26.303
1.019				
8/17/2016 8:00:00 PM	529200.000	117.228	20.353	264.068
38031.445	41735.855	27.060	28.380	26.294
1.019				
8/17/2016 8:15:00 PM	530100.000	117.239	20.353	264.092
38053.145	41760.051	27.077	28.397	26.279
1.019				
8/17/2016 8:30:00 PM	531000.000	117.255	20.352	264.129
38033.164	41738.504	27.062	28.382	26.293
1.019				
8/17/2016 8:45:00 PM	531900.000	117.288	20.349	264.202
37988.289	41691.711	27.028	28.350	26.324
1.019				
8/17/2016 9:00:00 PM	532800.000	117.296	20.359	264.220
38071.305	41773.934	27.087	28.406	26.267
1.019				
8/17/2016 9:15:00 PM	533700.000	117.325	20.357	264.285
38037.199	41738.266	27.062	28.382	26.290
1.019				
8/17/2016 9:30:00 PM	534600.000	117.349	20.354	264.340
38025.078	41728.328	27.054	28.375	26.298
1.019				
8/17/2016 9:45:00 PM	535500.000	117.380	20.353	264.410
38003.285	41705.105	27.038	28.359	26.314
1.019				
8/17/2016 10:00:00 PM	536400.000	117.377	20.355	264.404
38018.598	41720.301	27.049	28.370	26.303
1.019				
8/17/2016 10:15:00 PM	537300.000	117.386	20.359	264.424
38000.176	41696.641	27.032	28.354	26.316
1.019				
8/17/2016 10:30:00 PM	538200.000	117.399	20.357	264.454
37983.984	41680.336	27.020	28.343	26.327
1.019				
8/17/2016 10:45:00 PM	539100.000	117.407	20.356	264.470
38059.520	41763.836	27.080	28.399	26.275
1.019				
8/17/2016 11:00:00 PM	540000.000	117.403	20.351	264.462
38040.129	41746.766	27.068	28.388	26.288
1.019				
8/17/2016 11:15:00 PM	540900.000	117.413	20.351	264.484
38032.859	41739.402	27.062	28.383	26.293
1.019				
8/17/2016 11:30:00 PM	541800.000	117.408	20.355	264.473
38010.020	41710.285	27.042	28.363	26.309
1.019				
8/17/2016 11:45:00 PM	542700.000	117.413	20.354	264.483
38020.914	41723.152	27.051	28.372	26.301
1.019				

Report Date: 8/19/2016 12:31:26 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4M LT Test_2016-08-18_11-42-08-293-BaroMerge.wsl
Create Date: 8/19/2016 12:27:41 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
1/14/2016 9:51:19 AM	Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start Time:
1/4/2016 10:00:00 AM	Stop Time: 1/14/2016 9:50:00 AM
1/21/2016 12:58:32 PM	Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start
Time: 1/12/2016 11:00:00 AM	Stop Time: 1/21/2016 12:55:00 PM
1/28/2016 2:36:35 PM	Log Download - Used Battery: 33% Used Memory: 43% User Name: KMakar Interval - Start Time:
1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 2:30:00 PM
2/4/2016 3:57:37 PM	Log Download - Used Battery: 34% Used Memory: 46% User Name: CShaw Interval - Start Time:
12/31/2015 1:00:00 AM	Stop Time: 2/4/2016 4:55:00 PM
2/11/2016 8:28:33 AM	Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time:
2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 9:25:00 AM
2/18/2016 12:39:55 PM	Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time:
2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:41:41 PM	Log Download - Used Battery: 36% Used Memory: 53% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 12:40:00 PM
3/3/2016 1:23:05 PM	Log Download - Used Battery: 37% Used Memory: 56% User Name: SKuiper Interval - Start Time:
1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 2:20:00 PM
3/10/2016 3:24:00 PM	Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start Time:
3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 3:20:00 PM
3/18/2016 8:55:14 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start Time:
3/8/2016 9:00:00 AM	Stop Time: 3/18/2016 8:55:00 AM
3/24/2016 1:23:56 PM	Log Download - Used Battery: 39% Used Memory: 64% User Name: KMakar Interval - Start Time:
3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 1:20:00 PM
3/31/2016 5:52:55 PM	Log Download - Used Battery: 40% Used Memory: 65% User Name: SKuiper Interval - Start Time:

3/22/2016 12:00:00 PM Stop Time: 3/31/2016 5:50:00 PM
4/7/2016 2:32:29 PM Log Download - Used Battery: 41% Used Memory: 68% User Name: KMakar Interval - Start Time:
2/29/2016 5:00:00 PM Stop Time: 4/7/2016 2:30:00 PM
4/14/2016 4:49:31 PM Log Download - Used Battery: 42% Used Memory: 70% User Name: SKuiper Interval - Start Time:
4/5/2016 12:00:00 PM Stop Time: 4/14/2016 5:45:00 PM
4/21/2016 2:30:48 PM Log Download - Used Battery: 42% Used Memory: 73% User Name: ELinden Interval - Start Time:
4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM
4/28/2016 11:31:43 AM Log Download - Used Battery: 43% Used Memory: 76% User Name: KMakar Interval - Start
Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:30:00 AM
5/5/2016 1:16:11 PM Log Download - Used Battery: 44% Used Memory: 78% User Name: SKuiper Interval - Start Time:
3/31/2016 12:00:00 PM Stop Time: 5/5/2016 1:15:00 PM
5/12/2016 4:34:34 PM Log Download - Used Battery: 45% Used Memory: 81% User Name: SKuiper Interval - Start Time:
5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:30:00 PM
5/19/2016 5:21:36 PM Log Download - Used Battery: 45% Used Memory: 82% User Name: ELinden Interval - Start Time:
5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:20:00 PM
5/26/2016 2:43:52 PM Log Download - Used Battery: 46% Used Memory: 85% User Name: SKuiper Interval - Start Time:
5/17/2016 6:00:00 PM Stop Time: 5/26/2016 3:40:00 PM
5/26/2016 3:16:37 PM Log Download - Used Battery: 46% Used Memory: 85% User Name: SKuiper Interval - Start Time:
5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:05:00 PM
6/2/2016 4:59:29 PM Log Download - Used Battery: 47% Used Memory: 87% User Name: SKuiper Interval - Start Time:
4/30/2016 10:00:00 PM Stop Time: 6/2/2016 5:55:00 PM
6/9/2016 1:49:04 PM Log Download - Used Battery: 47% Used Memory: 90% User Name: CShaw Interval - Start Time:
5/31/2016 5:00:00 AM Stop Time: 6/9/2016 2:45:00 PM
6/16/2016 6:06:49 PM Log Download - Used Battery: 48% Used Memory: 93% User Name: SKuiper Interval - Start Time:
6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:00:00 PM
6/23/2016 6:24:58 PM Log Download - Used Battery: 49% Used Memory: 95% User Name: SKuiper Interval - Start Time:
6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:20:00 PM
7/1/2016 3:00:06 PM Log Download - Used Battery: 50% Used Memory: 98% User Name: SKuiper Interval - Start Time:
5/31/2016 10:00:00 PM Stop Time: 7/1/2016 3:55:00 PM
7/8/2016 1:06:06 PM Log Download - Used Battery: 51% Used Memory: 100% User Name: SKuiper Interval - Start
Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 2:43:25 PM Log Download - Used Battery: 51% Used Memory: 100% User Name: ELinden Interval - Start
Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 3:40:00 PM
7/21/2016 7:19:50 PM Log Download - Used Battery: 52% Used Memory: 100% User Name: SKuiper Interval - Start
Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 7:15:00 PM
7/28/2016 8:57:03 PM Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start
Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 8:55:00 PM
8/4/2016 7:19:28 PM Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start
Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:15:00 PM
8/11/2016 4:57:05 PM Log Download - Used Battery: 54% Used Memory: 100% User Name: ELinden Interval - Start
Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:45:00 PM
8/18/2016 11:40:24 AM Log Download - Used Battery: 55% Used Memory: 100% User Name: SKuiper Interval - Start
Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 12:30:00 PM
8/19/2016 12:27:41 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-
18_18-17-40-005.wsl""

Log Data:

Record Count: 2181

Sensors: 2

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

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

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

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

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Resistivity
Conductivity (µS) (ohm-cm)	Specific Conductivity (µS) Water Density (g/cm3)	Salinity (PSU) Barometric Pressure (PSI)	Total Dissolved Solids (ppm)		

8/11/2016 12:00:00 AM	7200.000	71.645	17.957	163.302	
29184.436	33720.348	21.305	22929.836	34.265	
1.015	14.708				
8/11/2016 12:05:00 AM	7500.000	71.640	17.957	163.290	
29174.945	33709.383	21.297	22922.383	34.276	
1.015	14.710				
8/11/2016 12:10:00 AM	7800.000	71.618	17.957	163.240	
29197.445	33735.637	21.315	22940.232	34.250	
1.015	14.713				
8/11/2016 12:15:00 AM	8100.000	71.616	17.957	163.236	
29212.516	33752.859	21.327	22951.945	34.232	
1.015	14.716				
8/11/2016 12:20:00 AM	8400.000	71.614	17.957	163.230	
29199.596	33738.121	21.317	22941.924	34.247	
1.015	14.715				
8/11/2016 12:25:00 AM	8700.000	71.612	17.958	163.226	
29186.666	33722.531	21.306	22931.324	34.262	
1.015	14.714				
8/11/2016 12:30:00 AM	9000.000	71.635	17.957	163.278	
29211.309	33751.719	21.327	22951.172	34.233	
1.015	14.713				
8/11/2016 12:35:00 AM	9300.000	71.629	17.957	163.264	
29206.379	33745.578	21.322	22946.994	34.239	
1.015	14.713				
8/11/2016 12:40:00 AM	9600.000	71.630	17.957	163.266	
29153.008	33684.359	21.280	22905.367	34.302	
1.015	14.714				
8/11/2016 12:45:00 AM	9900.000	71.607	17.958	163.214	
29192.826	33729.844	21.311	22936.297	34.255	
1.015	14.715				
8/11/2016 12:50:00 AM	10200.000	71.622	17.958	163.248	
29212.332	33752.383	21.327	22951.621	34.232	
1.015	14.716				
8/11/2016 12:55:00 AM	10500.000	71.624	17.957	163.252	
29198.486	33736.582	21.316	22940.877	34.248	
1.015	14.717				
8/11/2016 1:00:00 AM	10800.000	71.618	17.957	163.239	
29163.672	33696.234	21.288	22913.441	34.289	
1.015	14.718				
8/11/2016 1:05:00 AM	11100.000	71.622	17.957	163.248	
29174.348	33708.570	21.297	22921.830	34.277	
1.015	14.716				
8/11/2016 1:10:00 AM	11400.000	71.624	17.958	163.253	
29182.404	33717.609	21.303	22927.977	34.267	
1.015	14.713				
8/11/2016 1:15:00 AM	11700.000	71.610	17.957	163.220	
29178.229	33713.301	21.300	22925.047	34.272	

1.015	14.711				
8/11/2016 1:20:00 AM	12000.000	71.602	17.957	163.204	
29206.621	33745.980	21.323	22947.270	34.239	
1.015	14.712				
8/11/2016 1:25:00 AM	12300.000	71.603	17.957	163.205	
29205.750	33744.906	21.322	22946.539	34.240	
1.015	14.713				
8/11/2016 1:30:00 AM	12600.000	71.617	17.957	163.238	
29202.658	33741.660	21.320	22944.330	34.243	
1.015	14.715				
8/11/2016 1:35:00 AM	12900.000	71.618	17.957	163.239	
29191.367	33728.551	21.310	22935.416	34.257	
1.015	14.714				
8/11/2016 1:40:00 AM	13200.000	71.595	17.957	163.188	
29187.150	33723.809	21.307	22932.189	34.262	
1.015	14.714				
8/11/2016 1:45:00 AM	13500.000	71.596	17.957	163.190	
29163.482	33696.395	21.288	22913.549	34.289	
1.015	14.713				
8/11/2016 1:50:00 AM	13800.000	71.597	17.957	163.192	
29181.064	33716.578	21.302	22927.275	34.269	
1.015	14.714				
8/11/2016 1:55:00 AM	14100.000	71.610	17.957	163.221	
29185.799	33721.922	21.306	22930.908	34.263	
1.015	14.714				
8/11/2016 2:00:00 AM	14400.000	71.598	17.957	163.194	
29184.094	33719.953	21.304	22929.568	34.265	
1.015	14.715				
8/11/2016 2:05:00 AM	14700.000	71.594	17.957	163.186	
29172.906	33707.094	21.296	22920.826	34.278	
1.015	14.715				
8/11/2016 2:10:00 AM	15000.000	71.614	17.957	163.230	
29166.658	33700.000	21.291	22916.000	34.286	
1.015	14.714				
8/11/2016 2:15:00 AM	15300.000	71.613	17.957	163.229	
29196.994	33734.984	21.315	22939.791	34.250	
1.015	14.714				
8/11/2016 2:20:00 AM	15600.000	71.593	17.957	163.182	
29201.311	33739.914	21.318	22943.145	34.245	
1.015	14.715				
8/11/2016 2:25:00 AM	15900.000	71.608	17.957	163.216	
29162.809	33695.426	21.287	22912.891	34.290	
1.015	14.716				
8/11/2016 2:30:00 AM	16200.000	71.606	17.958	163.211	
29193.986	33731.184	21.312	22937.207	34.254	
1.015	14.717				
8/11/2016 2:35:00 AM	16500.000	71.592	17.958	163.180	
29179.016	33713.625	21.300	22925.266	34.271	
1.015	14.717				
8/11/2016 2:40:00 AM	16800.000	71.589	17.957	163.173	
29188.498	33725.168	21.308	22933.117	34.260	
1.015	14.716				
8/11/2016 2:45:00 AM	17100.000	71.585	17.957	163.165	
29194.148	33731.762	21.313	22937.600	34.253	
1.015	14.716				
8/11/2016 2:50:00 AM	17400.000	71.593	17.957	163.182	
29159.418	33691.508	21.285	22910.225	34.294	
1.015	14.717				

8/11/2016 2:55:00 AM	17700.000	71.603	17.957	163.205
29190.105	33727.223	21.310	22934.514	34.258
1.015	14.717			
8/11/2016 3:00:00 AM	18000.000	71.585	17.957	163.165
29158.529	33690.672	21.284	22909.656	34.295
1.015	14.718			
8/11/2016 3:05:00 AM	18300.000	71.586	17.957	163.168
29194.363	33731.820	21.313	22937.639	34.253
1.015	14.717			
8/11/2016 3:10:00 AM	18600.000	71.592	17.958	163.179
29169.840	33703.227	21.293	22918.193	34.282
1.015	14.716			
8/11/2016 3:15:00 AM	18900.000	71.593	17.957	163.183
29175.092	33709.676	21.297	22922.580	34.276
1.015	14.715			
8/11/2016 3:20:00 AM	19200.000	71.595	17.957	163.188
29208.197	33748.195	21.324	22948.773	34.237
1.015	14.714			
8/11/2016 3:25:00 AM	19500.000	71.594	17.957	163.185
29187.209	33723.484	21.307	22931.971	34.262
1.015	14.714			
8/11/2016 3:30:00 AM	19800.000	71.586	17.957	163.167
29192.781	33730.445	21.312	22936.705	34.255
1.015	14.714			
8/11/2016 3:35:00 AM	20100.000	71.593	17.957	163.182
29171.543	33705.645	21.295	22919.840	34.280
1.015	14.714			
8/11/2016 3:40:00 AM	20400.000	71.588	17.957	163.170
29188.291	33724.801	21.308	22932.867	34.260
1.015	14.714			
8/11/2016 3:45:00 AM	20700.000	71.607	17.958	163.213
29187.588	33723.793	21.307	22932.180	34.261
1.015	14.714			
8/11/2016 3:50:00 AM	21000.000	71.586	17.957	163.167
29198.789	33736.809	21.316	22941.031	34.248
1.015	14.713			
8/11/2016 3:55:00 AM	21300.000	71.585	17.957	163.164
29182.730	33718.445	21.303	22928.545	34.267
1.015	14.713			
8/11/2016 4:00:00 AM	21600.000	71.590	17.958	163.177
29205.568	33744.371	21.321	22946.172	34.240
1.015	14.713			
8/11/2016 4:05:00 AM	21900.000	71.590	17.958	163.175
29155.432	33686.508	21.281	22906.828	34.299
1.015	14.714			
8/11/2016 4:10:00 AM	22200.000	71.613	17.957	163.228
29186.277	33722.543	21.306	22931.332	34.263
1.015	14.714			
8/11/2016 4:15:00 AM	22500.000	71.592	17.957	163.179
29212.920	33753.258	21.328	22952.215	34.231
1.015	14.715			
8/11/2016 4:20:00 AM	22800.000	71.592	17.957	163.181
29179.803	33714.926	21.301	22926.150	34.270
1.015	14.713			
8/11/2016 4:25:00 AM	23100.000	71.615	17.957	163.232
29201.352	33740.020	21.318	22943.215	34.245
1.015	14.712			
8/11/2016 4:30:00 AM	23400.000	71.593	17.957	163.182

29183.236	33719.031	21.304	22928.941	34.266
1.015	14.710			
8/11/2016 4:35:00 AM	23700.000	71.597	17.957	163.192
29189.549	33726.188	21.309	22933.809	34.259
1.015	14.710			
8/11/2016 4:40:00 AM	24000.000	71.615	17.957	163.233
29189.637	33726.426	21.309	22933.971	34.259
1.015	14.709			
8/11/2016 4:45:00 AM	24300.000	71.596	17.958	163.190
29195.533	33732.648	21.313	22938.201	34.252
1.015	14.709			
8/11/2016 4:50:00 AM	24600.000	71.620	17.957	163.244
29182.365	33718.023	21.303	22928.258	34.267
1.015	14.710			
8/11/2016 4:55:00 AM	24900.000	71.599	17.957	163.197
29190.611	33727.484	21.310	22934.691	34.258
1.015	14.711			
8/11/2016 5:00:00 AM	25200.000	71.616	17.957	163.234
29185.650	33721.875	21.306	22930.875	34.263
1.015	14.713			
8/11/2016 5:05:00 AM	25500.000	71.614	17.957	163.230
29156.289	33688.148	21.282	22907.941	34.298
1.015	14.716			
8/11/2016 5:10:00 AM	25800.000	71.591	17.957	163.177
29209.344	33749.320	21.325	22949.537	34.236
1.015	14.718			
8/11/2016 5:15:00 AM	26100.000	71.588	17.957	163.171
29177.395	33712.336	21.299	22924.389	34.273
1.015	14.721			
8/11/2016 5:20:00 AM	26400.000	71.592	17.957	163.181
29197.570	33735.590	21.315	22940.203	34.249
1.015	14.718			
8/11/2016 5:25:00 AM	26700.000	71.616	17.957	163.236
29178.334	33713.492	21.300	22925.176	34.272
1.015	14.716			
8/11/2016 5:30:00 AM	27000.000	71.618	17.957	163.240
29199.760	33738.246	21.317	22942.010	34.247
1.015	14.713			
8/11/2016 5:35:00 AM	27300.000	71.603	17.957	163.206
29209.580	33749.594	21.325	22949.727	34.235
1.015	14.713			
8/11/2016 5:40:00 AM	27600.000	71.604	17.957	163.207
29192.555	33729.984	21.311	22936.391	34.255
1.015	14.713			
8/11/2016 5:45:00 AM	27900.000	71.601	17.957	163.201
29194.600	33732.090	21.313	22937.824	34.253
1.015	14.713			
8/11/2016 5:50:00 AM	28200.000	71.618	17.957	163.240
29202.316	33741.199	21.319	22944.018	34.244
1.015	14.715			
8/11/2016 5:55:00 AM	28500.000	71.600	17.957	163.198
29193.090	33730.414	21.312	22936.684	34.255
1.015	14.716			
8/11/2016 6:00:00 AM	28800.000	71.599	17.957	163.195
29209.990	33750.129	21.325	22950.088	34.235
1.015	14.718			
8/11/2016 6:05:00 AM	29100.000	71.600	17.957	163.198
29220.279	33761.887	21.334	22958.086	34.223

1.015	14.719				
8/11/2016 6:10:00 AM	29400.000	71.599	17.957	163.197	
29188.229	33724.605	21.308	22932.734	34.260	
1.015	14.721				
8/11/2016 6:15:00 AM	29700.000	71.621	17.957	163.246	
29160.471	33692.852	21.286	22911.141	34.293	
1.015	14.723				
8/11/2016 6:20:00 AM	30000.000	71.604	17.957	163.207	
29200.820	33739.473	21.318	22942.842	34.246	
1.015	14.721				
8/11/2016 6:25:00 AM	30300.000	71.606	17.958	163.213	
29186.004	33721.766	21.306	22930.801	34.263	
1.015	14.720				
8/11/2016 6:30:00 AM	30600.000	71.608	17.957	163.218	
29189.449	33726.207	21.309	22933.820	34.259	
1.015	14.718				
8/11/2016 6:35:00 AM	30900.000	71.607	17.957	163.215	
29203.361	33742.406	21.320	22944.838	34.243	
1.015	14.721				
8/11/2016 6:40:00 AM	31200.000	71.607	17.957	163.214	
29196.465	33734.125	21.314	22939.207	34.251	
1.015	14.725				
8/11/2016 6:45:00 AM	31500.000	71.602	17.957	163.203	
29204.914	33744.133	21.321	22946.010	34.241	
1.015	14.728				
8/11/2016 6:50:00 AM	31800.000	71.598	17.957	163.194	
29178.625	33713.703	21.300	22925.320	34.272	
1.015	14.729				
8/11/2016 6:55:00 AM	32100.000	71.604	17.957	163.208	
29188.232	33724.926	21.308	22932.951	34.260	
1.015	14.731				
8/11/2016 7:00:00 AM	32400.000	71.605	17.957	163.209	
29177.168	33711.883	21.299	22924.082	34.273	
1.015	14.732				
8/11/2016 7:05:00 AM	32700.000	71.606	17.957	163.212	
29205.523	33744.840	21.322	22946.492	34.240	
1.015	14.732				
8/11/2016 7:10:00 AM	33000.000	71.602	17.957	163.203	
29194.945	33732.883	21.313	22938.361	34.253	
1.015	14.733				
8/11/2016 7:15:00 AM	33300.000	71.605	17.957	163.211	
29182.496	33718.105	21.303	22928.314	34.267	
1.015	14.733				
8/11/2016 7:20:00 AM	33600.000	71.602	17.957	163.203	
29195.510	33733.336	21.314	22938.670	34.252	
1.015	14.734				
8/11/2016 7:25:00 AM	33900.000	71.604	17.957	163.208	
29190.818	33728.113	21.310	22935.117	34.257	
1.015	14.734				
8/11/2016 7:30:00 AM	34200.000	71.622	17.957	163.248	
29181.703	33717.125	21.303	22927.645	34.268	
1.015	14.734				
8/11/2016 7:35:00 AM	34500.000	71.623	17.957	163.251	
29203.900	33743.230	21.321	22945.398	34.242	
1.015	14.736				
8/11/2016 7:40:00 AM	34800.000	71.605	17.957	163.209	
29187.057	33723.699	21.307	22932.115	34.262	
1.015	14.738				

8/11/2016 7:45:00 AM	35100.000	71.624	17.957	163.254
29170.449	33704.313	21.294	22918.934	34.281
1.015	14.740			
8/11/2016 7:50:00 AM	35400.000	71.603	17.958	163.206
29177.719	33711.805	21.299	22924.029	34.273
1.015	14.741			
8/11/2016 7:55:00 AM	35700.000	71.601	17.957	163.201
29192.723	33729.922	21.311	22936.348	34.255
1.015	14.743			
8/11/2016 8:00:00 AM	36000.000	71.618	17.957	163.240
29157.754	33689.520	21.283	22908.875	34.296
1.015	14.745			
8/11/2016 8:05:00 AM	36300.000	71.601	17.957	163.200
29177.295	33712.352	21.299	22924.400	34.273
1.015	14.744			
8/11/2016 8:10:00 AM	36600.000	71.602	17.958	163.204
29219.750	33760.895	21.333	22957.408	34.223
1.015	14.744			
8/11/2016 8:15:00 AM	36900.000	71.603	17.957	163.205
29187.551	33724.074	21.307	22932.373	34.261
1.015	14.744			
8/11/2016 8:20:00 AM	37200.000	71.606	17.957	163.212
29170.809	33704.727	21.294	22919.217	34.281
1.015	14.745			
8/11/2016 8:25:00 AM	37500.000	71.617	17.957	163.238
29181.105	33716.895	21.302	22927.490	34.269
1.015	14.746			
8/11/2016 8:30:00 AM	37800.000	71.599	17.957	163.197
29192.875	33730.168	21.312	22936.514	34.255
1.015	14.748			
8/11/2016 8:35:00 AM	38100.000	71.616	17.957	163.234
29201.633	33740.672	21.319	22943.656	34.245
1.015	14.747			
8/11/2016 8:40:00 AM	38400.000	71.602	17.957	163.203
29194.004	33731.527	21.313	22937.441	34.254
1.015	14.747			
8/11/2016 8:45:00 AM	38700.000	71.602	17.957	163.203
29164.867	33697.738	21.289	22914.463	34.288
1.015	14.746			
8/11/2016 8:50:00 AM	39000.000	71.601	17.957	163.202
29175.451	33710.094	21.298	22922.865	34.275
1.015	14.747			
8/11/2016 8:55:00 AM	39300.000	71.618	17.957	163.239
29198.406	33736.746	21.316	22940.988	34.248
1.015	14.748			
8/11/2016 9:00:00 AM	39600.000	71.602	17.957	163.202
29183.080	33718.715	21.304	22928.729	34.266
1.015	14.748			
8/11/2016 9:05:00 AM	39900.000	71.600	17.957	163.199
29184.854	33720.832	21.305	22930.166	34.264
1.015	14.749			
8/11/2016 9:10:00 AM	40200.000	71.601	17.957	163.200
29190.918	33727.836	21.310	22934.930	34.257
1.015	14.749			
8/11/2016 9:15:00 AM	40500.000	71.600	17.957	163.199
29167.568	33701.051	21.291	22916.715	34.285
1.015	14.750			
8/11/2016 9:20:00 AM	40800.000	71.620	17.957	163.244

29202.395	33741.355	21.319	22944.123	34.244
1.015	14.751			
8/11/2016 9:25:00 AM	41100.000	71.593	17.957	163.183
29209.049	33749.180	21.325	22949.443	34.236
1.015	14.752			
8/11/2016 9:30:00 AM	41400.000	71.618	17.957	163.238
29173.211	33707.379	21.296	22921.020	34.278
1.015	14.753			
8/11/2016 9:35:00 AM	41700.000	71.596	17.957	163.189
29198.393	33736.730	21.316	22940.977	34.248
1.015	14.753			
8/11/2016 9:40:00 AM	42000.000	71.595	17.957	163.187
29203.484	33742.289	21.320	22944.758	34.242
1.015	14.753			
8/11/2016 9:45:00 AM	42300.000	71.594	17.957	163.186
29192.357	33729.625	21.311	22936.146	34.256
1.015	14.754			
8/11/2016 9:50:00 AM	42600.000	71.598	17.957	163.194
29183.244	33719.039	21.304	22928.947	34.266
1.015	14.755			
8/11/2016 9:55:00 AM	42900.000	71.594	17.957	163.185
29213.508	33754.195	21.328	22952.854	34.231
1.015	14.757			
8/11/2016 10:00:00 AM	43200.000	71.607	17.957	163.214
29165.379	33698.523	21.290	22914.998	34.287
1.015	14.758			
8/11/2016 10:05:00 AM	43500.000	71.593	17.957	163.183
29203.010	33741.742	21.320	22944.385	34.243
1.015	14.757			
8/11/2016 10:10:00 AM	43800.000	71.595	17.957	163.187
29191.020	33728.023	21.310	22935.059	34.257
1.015	14.757			
8/11/2016 10:15:00 AM	44100.000	71.591	17.957	163.179
29180.324	33715.723	21.302	22926.693	34.270
1.015	14.756			
8/11/2016 10:20:00 AM	44400.000	71.614	17.957	163.231
29187.465	33724.102	21.307	22932.391	34.261
1.015	14.757			
8/11/2016 10:25:00 AM	44700.000	71.606	17.957	163.211
29183.883	33719.902	21.304	22929.535	34.265
1.015	14.758			
8/11/2016 10:30:00 AM	45000.000	71.608	17.957	163.216
29192.152	33729.266	21.311	22935.902	34.256
1.015	14.759			
8/11/2016 10:35:00 AM	45300.000	71.593	17.957	163.182
29167.305	33700.680	21.291	22916.463	34.285
1.015	14.759			
8/11/2016 10:40:00 AM	45600.000	71.609	17.957	163.218
29198.150	33736.449	21.316	22940.787	34.249
1.015	14.759			
8/11/2016 10:45:00 AM	45900.000	71.589	17.957	163.174
29179.676	33714.727	21.301	22926.014	34.270
1.015	14.760			
8/11/2016 10:50:00 AM	46200.000	71.584	17.957	163.162
29194.652	33732.219	21.313	22937.910	34.253
1.015	14.760			
8/11/2016 10:55:00 AM	46500.000	71.587	17.957	163.168
29167.650	33701.020	21.291	22916.695	34.285

1.015	14.761			
8/11/2016 11:00:00 AM	46800.000	71.601	17.957	163.200
29181.563	33717.027	21.302	22927.580	34.268
1.015	14.762			
8/11/2016 11:05:00 AM	47100.000	71.599	17.957	163.197
29195.756	33733.684	21.314	22938.906	34.252
1.015	14.760			
8/11/2016 11:10:00 AM	47400.000	71.587	17.957	163.168
29187.746	33724.105	21.307	22932.395	34.261
1.015	14.758			
8/11/2016 11:15:00 AM	47700.000	71.594	17.957	163.186
29169.625	33703.430	21.293	22918.334	34.282
1.015	14.756			
8/11/2016 11:20:00 AM	48000.000	71.588	17.957	163.171
29187.301	33723.590	21.307	22932.041	34.261
1.015	14.756			
8/11/2016 11:25:00 AM	48300.000	71.590	17.957	163.176
29209.125	33748.941	21.325	22949.281	34.236
1.015	14.756			
8/11/2016 11:30:00 AM	48600.000	71.587	17.957	163.170
29186.346	33722.555	21.306	22931.340	34.263
1.015	14.756			
8/11/2016 11:35:00 AM	48900.000	71.606	17.957	163.213
29200.438	33739.230	21.318	22942.678	34.246
1.015	14.758			
8/11/2016 11:40:00 AM	49200.000	71.585	17.957	163.165
29199.707	33738.059	21.317	22941.881	34.247
1.015	14.760			
8/11/2016 11:45:00 AM	49500.000	71.586	17.957	163.167
29171.400	33705.285	21.294	22919.596	34.280
1.015	14.762			
8/11/2016 11:50:00 AM	49800.000	71.603	17.957	163.205
29191.682	33729.043	21.311	22935.750	34.256
1.015	14.761			
8/11/2016 11:55:00 AM	50100.000	71.583	17.957	163.160
29195.881	33733.641	21.314	22938.875	34.251
1.015	14.761			
8/11/2016 12:00:00 PM	50400.000	71.584	17.957	163.162
29207.145	33746.980	21.323	22947.949	34.238
1.015	14.760			
8/11/2016 12:05:00 PM	50700.000	71.585	17.957	163.164
29179.039	33714.367	21.301	22925.770	34.271
1.015	14.760			
8/11/2016 12:10:00 PM	51000.000	71.583	17.957	163.159
29210.957	33751.246	21.326	22950.850	34.234
1.015	14.760			
8/11/2016 12:15:00 PM	51300.000	71.583	17.958	163.159
29201.992	33740.438	21.319	22943.498	34.244
1.015	14.760			
8/11/2016 12:20:00 PM	51600.000	71.606	17.957	163.213
29188.881	33725.551	21.308	22933.377	34.260
1.015	14.759			
8/11/2016 12:25:00 PM	51900.000	71.607	17.957	163.215
29198.230	33736.609	21.316	22940.895	34.249
1.015	14.758			
8/11/2016 12:30:00 PM	52200.000	71.607	17.957	163.214
29181.408	33716.918	21.302	22927.506	34.268
1.015	14.757			

8/11/2016 12:35:00 PM	52500.000	71.606	17.957	163.212
29175.984	33711.039	21.298	22923.508	34.275
1.015	14.757			
8/11/2016 12:40:00 PM	52800.000	71.590	17.957	163.177
29179.939	33715.086	21.301	22926.258	34.270
1.015	14.758			
8/11/2016 12:45:00 PM	53100.000	71.584	17.957	163.163
29196.551	33734.348	21.314	22939.357	34.251
1.015	14.759			
8/11/2016 12:50:00 PM	53400.000	71.585	17.957	163.165
29192.043	33729.262	21.311	22935.900	34.256
1.015	14.759			
8/11/2016 12:55:00 PM	53700.000	71.604	17.957	163.207
29215.398	33756.121	21.330	22954.162	34.229
1.015	14.758			
8/11/2016 1:00:00 PM	54000.000	71.584	17.957	163.161
29182.424	33718.148	21.303	22928.344	34.267
1.015	14.758			
8/11/2016 1:05:00 PM	54300.000	71.585	17.957	163.163
29190.953	33727.945	21.310	22935.006	34.257
1.015	14.755			
8/11/2016 1:10:00 PM	54600.000	71.610	17.957	163.221
29173.826	33708.156	21.296	22921.549	34.277
1.015	14.752			
8/11/2016 1:15:00 PM	54900.000	71.593	17.957	163.184
29164.787	33697.902	21.289	22914.576	34.288
1.015	14.750			
8/11/2016 1:20:00 PM	55200.000	71.586	17.957	163.167
29191.986	33729.395	21.311	22935.990	34.256
1.015	14.753			
8/11/2016 1:25:00 PM	55500.000	71.608	17.957	163.216
29224.504	33766.898	21.337	22961.490	34.218
1.015	14.756			
8/11/2016 1:30:00 PM	55800.000	71.608	17.957	163.218
29200.154	33738.703	21.318	22942.320	34.246
1.015	14.759			
8/11/2016 1:35:00 PM	56100.000	71.592	17.957	163.180
29205.461	33744.641	21.322	22946.355	34.240
1.015	14.757			
8/11/2016 1:40:00 PM	56400.000	71.595	17.957	163.186
29210.516	33750.676	21.326	22950.461	34.234
1.015	14.754			
8/11/2016 1:45:00 PM	56700.000	71.597	17.957	163.191
29187.463	33723.844	21.307	22932.217	34.261
1.015	14.752			
8/11/2016 1:50:00 PM	57000.000	71.599	17.958	163.195
29186.725	33722.797	21.306	22931.504	34.262
1.015	14.755			
8/11/2016 1:55:00 PM	57300.000	71.613	17.957	163.229
29185.391	33721.453	21.306	22930.590	34.264
1.015	14.757			
8/11/2016 2:00:00 PM	57600.000	71.589	17.957	163.173
29184.408	33720.191	21.305	22929.730	34.265
1.015	14.760			
8/11/2016 2:05:00 PM	57900.000	71.590	17.957	163.176
29196.574	33734.305	21.314	22939.330	34.251
1.015	14.759			
8/11/2016 2:10:00 PM	58200.000	71.591	17.958	163.179

29200.547	33738.766	21.318	22942.361	34.246
1.015	14.758			
8/11/2016 2:15:00 PM	58500.000	71.595	17.957	163.186
29183.516	33719.410	21.304	22929.201	34.266
1.015	14.758			
8/11/2016 2:20:00 PM	58800.000	71.596	17.957	163.190
29182.590	33718.609	21.304	22928.656	34.267
1.015	14.757			
8/11/2016 2:25:00 PM	59100.000	71.596	17.957	163.190
29179.184	33714.281	21.301	22925.713	34.271
1.015	14.756			
8/11/2016 2:30:00 PM	59400.000	71.600	17.957	163.199
29187.709	33724.324	21.308	22932.543	34.261
1.015	14.755			
8/11/2016 2:35:00 PM	59700.000	71.616	17.957	163.235
29171.395	33705.211	21.294	22919.545	34.280
1.015	14.758			
8/11/2016 2:40:00 PM	60000.000	71.592	17.957	163.181
29199.293	33737.836	21.317	22941.730	34.247
1.015	14.761			
8/11/2016 2:45:00 PM	60300.000	71.589	17.957	163.174
29182.469	33718.398	21.303	22928.512	34.267
1.015	14.764			
8/11/2016 2:50:00 PM	60600.000	71.593	17.957	163.183
29190.340	33727.492	21.310	22934.695	34.258
1.015	14.761			
8/11/2016 2:55:00 PM	60900.000	71.617	17.957	163.238
29181.846	33717.355	21.303	22927.803	34.268
1.015	14.758			
8/11/2016 3:00:00 PM	61200.000	71.628	17.957	163.263
29196.320	33734.148	21.314	22939.223	34.251
1.015	14.755			
8/11/2016 3:05:00 PM	61500.000	71.608	17.957	163.216
29179.576	33714.609	21.301	22925.936	34.271
1.015	14.755			
8/11/2016 3:10:00 PM	61800.000	71.624	17.957	163.254
29174.502	33708.996	21.297	22922.119	34.277
1.015	14.754			
8/11/2016 3:15:00 PM	62100.000	71.604	17.957	163.208
29179.910	33715.051	21.301	22926.234	34.270
1.015	14.753			
8/11/2016 3:20:00 PM	62400.000	71.609	17.957	163.220
29177.766	33712.965	21.300	22924.818	34.273
1.015	14.753			
8/11/2016 3:25:00 PM	62700.000	71.624	17.957	163.254
29199.865	33738.633	21.317	22942.271	34.247
1.015	14.754			
8/11/2016 3:30:00 PM	63000.000	71.611	17.957	163.224
29193.760	33731.313	21.312	22937.295	34.254
1.015	14.754			
8/11/2016 3:35:00 PM	63300.000	71.631	17.957	163.270
29186.150	33722.785	21.306	22931.496	34.263
1.015	14.753			
8/11/2016 3:40:00 PM	63600.000	71.619	17.957	163.242
29173.166	33707.328	21.296	22920.984	34.278
1.015	14.752			
8/11/2016 3:45:00 PM	63900.000	71.640	17.957	163.289
29164.514	33697.586	21.289	22914.359	34.288

1.015	14.751			
8/11/2016 3:50:00 PM	64200.000	71.619	17.957	163.241
29179.039	33714.504	21.301	22925.865	34.271
1.015	14.750			
8/11/2016 3:55:00 PM	64500.000	71.637	17.957	163.282
29183.971	33720.332	21.305	22929.826	34.265
1.015	14.749			
8/11/2016 4:00:00 PM	64800.000	71.622	17.957	163.249
29189.742	33726.734	21.309	22934.182	34.259
1.015	14.747			
8/11/2016 4:05:00 PM	65100.000	71.641	17.957	163.291
29202.992	33742.043	21.320	22944.592	34.243
1.015	14.750			
8/11/2016 4:10:00 PM	65400.000	71.635	17.957	163.278
29189.641	33726.238	21.309	22933.844	34.259
1.015	14.752			
8/11/2016 4:15:00 PM	65700.000	71.621	17.957	163.246
29173.943	33708.480	21.296	22921.768	34.277
1.015	14.754			
8/11/2016 4:20:00 PM	66000.000	71.642	17.957	163.293
29183.928	33719.887	21.304	22929.525	34.265
1.015	14.752			
8/11/2016 4:25:00 PM	66300.000	71.626	17.957	163.257
29174.129	33708.762	21.297	22921.961	34.277
1.015	14.749			
8/11/2016 4:30:00 PM	66600.000	71.647	17.957	163.306
29181.746	33717.563	21.303	22927.943	34.268
1.015	14.746			
8/11/2016 4:35:00 PM	66900.000	71.628	17.957	163.261
29205.824	33745.582	21.322	22946.996	34.240
1.015	14.747			
8/11/2016 4:40:00 PM	67200.000	71.630	17.957	163.267
29191.305	33728.477	21.310	22935.365	34.257
1.015	14.747			
8/11/2016 4:45:00 PM	67500.000	71.647	17.957	163.307
29180.203	33715.715	21.302	22926.688	34.270
1.015	14.747			
8/11/2016 4:50:00 PM	67800.000	71.631	17.958	163.268
29154.523	33685.531	21.281	22906.162	34.300
1.015	14.747			
8/11/2016 4:55:00 PM	68100.000	71.634	17.957	163.275
29184.387	33720.418	21.305	22929.887	34.265
1.015	14.747			
8/11/2016 5:00:00 PM	68400.000	71.636	17.960	163.280
29191.855	33726.770	21.309	22934.203	34.256
1.015	14.747			
8/11/2016 5:05:00 PM	68700.000	71.637	17.957	163.282
29178.096	33713.414	21.300	22925.121	34.272
1.015	14.745			
8/11/2016 5:10:00 PM	69000.000	71.639	17.957	163.287
29193.047	33730.555	21.312	22936.779	34.255
1.015	14.743			
8/11/2016 5:15:00 PM	69300.000	71.662	17.957	163.339
29193.273	33730.684	21.312	22936.867	34.254
1.015	14.741			
8/11/2016 5:20:00 PM	69600.000	71.646	17.957	163.304
29175.582	33710.188	21.298	22922.930	34.275
1.015	14.743			

8/11/2016 5:25:00 PM	69900.000	71.667	17.957	163.351
29183.512	33719.473	21.304	22929.242	34.266
1.015	14.744			
8/11/2016 5:30:00 PM	70200.000	71.645	17.957	163.300
29204.514	33743.613	21.321	22945.660	34.241
1.015	14.746			
8/11/2016 5:35:00 PM	70500.000	71.645	17.957	163.300
29184.396	33720.371	21.305	22929.855	34.265
1.015	14.744			
8/11/2016 5:40:00 PM	70800.000	71.647	17.957	163.306
29189.723	33726.711	21.309	22934.166	34.259
1.015	14.743			
8/11/2016 5:45:00 PM	71100.000	71.668	17.957	163.354
29190.443	33727.613	21.310	22934.777	34.258
1.015	14.742			
8/11/2016 5:50:00 PM	71400.000	71.655	17.957	163.325
29200.053	33738.914	21.318	22942.463	34.247
1.015	14.742			
8/11/2016 5:55:00 PM	71700.000	71.650	17.957	163.314
29178.012	33713.180	21.300	22924.965	34.272
1.015	14.741			
8/11/2016 6:00:00 PM	72000.000	71.652	17.957	163.317
29184.777	33720.867	21.305	22930.191	34.264
1.015	14.741			
8/11/2016 6:05:00 PM	72300.000	71.654	17.957	163.322
29178.580	33713.773	21.300	22925.365	34.272
1.015	14.742			
8/11/2016 6:10:00 PM	72600.000	71.673	17.957	163.366
29191.488	33728.754	21.311	22935.555	34.257
1.015	14.743			
8/11/2016 6:15:00 PM	72900.000	71.654	17.957	163.321
29175.996	33711.051	21.298	22923.518	34.275
1.015	14.744			
8/11/2016 6:20:00 PM	73200.000	71.654	17.957	163.322
29173.889	33708.617	21.297	22921.859	34.277
1.015	14.743			
8/11/2016 6:25:00 PM	73500.000	71.660	17.957	163.335
29183.584	33719.555	21.304	22929.299	34.266
1.015	14.742			
8/11/2016 6:30:00 PM	73800.000	71.657	17.957	163.328
29177.443	33712.590	21.299	22924.563	34.273
1.015	14.741			
8/11/2016 6:35:00 PM	74100.000	71.680	17.957	163.380
29194.633	33732.199	21.313	22937.896	34.253
1.015	14.739			
8/11/2016 6:40:00 PM	74400.000	71.688	17.957	163.398
29173.830	33708.418	21.296	22921.727	34.277
1.015	14.737			
8/11/2016 6:45:00 PM	74700.000	71.686	17.957	163.395
29189.998	33726.844	21.309	22934.256	34.258
1.015	14.735			
8/11/2016 6:50:00 PM	75000.000	71.685	17.957	163.393
29203.652	33742.746	21.320	22945.070	34.242
1.015	14.736			
8/11/2016 6:55:00 PM	75300.000	71.685	17.957	163.392
29197.951	33736.285	21.316	22940.676	34.249
1.015	14.738			
8/11/2016 7:00:00 PM	75600.000	71.666	17.957	163.349

29198.227	33736.352	21.316	22940.719	34.249
1.015	14.739			
8/11/2016 7:05:00 PM	75900.000	71.672	17.957	163.363
29177.705	33712.828	21.300	22924.725	34.273
1.015	14.739			
8/11/2016 7:10:00 PM	76200.000	71.668	17.957	163.353
29192.373	33729.844	21.311	22936.297	34.256
1.015	14.739			
8/11/2016 7:15:00 PM	76500.000	71.664	17.957	163.345
29179.078	33714.352	21.301	22925.760	34.271
1.015	14.739			
8/11/2016 7:20:00 PM	76800.000	71.685	17.957	163.392
29187.113	33723.320	21.307	22931.857	34.262
1.015	14.740			
8/11/2016 7:25:00 PM	77100.000	71.666	17.957	163.350
29181.094	33716.879	21.302	22927.479	34.269
1.015	14.741			
8/11/2016 7:30:00 PM	77400.000	71.669	17.957	163.355
29191.824	33729.141	21.311	22935.818	34.256
1.015	14.741			
8/11/2016 7:35:00 PM	77700.000	71.689	17.957	163.401
29211.279	33751.488	21.326	22951.014	34.233
1.015	14.740			
8/11/2016 7:40:00 PM	78000.000	71.688	17.957	163.399
29191.979	33729.188	21.311	22935.848	34.256
1.015	14.739			
8/11/2016 7:45:00 PM	78300.000	71.672	17.957	163.363
29182.170	33718.121	21.303	22928.324	34.267
1.015	14.738			
8/11/2016 7:50:00 PM	78600.000	71.690	17.957	163.403
29168.410	33702.086	21.292	22917.420	34.284
1.015	14.738			
8/11/2016 7:55:00 PM	78900.000	71.673	17.957	163.366
29206.443	33746.098	21.323	22947.348	34.239
1.015	14.739			
8/11/2016 8:00:00 PM	79200.000	71.692	17.957	163.407
29206.643	33746.008	21.323	22947.287	34.239
1.015	14.739			
8/11/2016 8:05:00 PM	79500.000	71.688	17.957	163.399
29190.201	33726.887	21.309	22934.285	34.258
1.015	14.741			
8/11/2016 8:10:00 PM	79800.000	71.669	17.957	163.357
29211.066	33751.375	21.326	22950.938	34.234
1.015	14.744			
8/11/2016 8:15:00 PM	80100.000	71.687	17.957	163.397
29192.150	33729.652	21.311	22936.164	34.256
1.015	14.746			
8/11/2016 8:20:00 PM	80400.000	71.667	17.957	163.351
29195.186	33732.961	21.314	22938.416	34.252
1.015	14.745			
8/11/2016 8:25:00 PM	80700.000	71.663	17.957	163.343
29202.447	33741.227	21.319	22944.037	34.244
1.015	14.745			
8/11/2016 8:30:00 PM	81000.000	71.667	17.957	163.350
29178.947	33714.328	21.301	22925.744	34.271
1.015	14.744			
8/11/2016 8:35:00 PM	81300.000	71.671	17.957	163.360
29210.797	33750.738	21.326	22950.502	34.234

1.015	14.742			
8/11/2016 8:40:00 PM	81600.000	71.672	17.957	163.363
29193.557	33731.141	21.312	22937.178	34.254
1.015	14.741			
8/11/2016 8:45:00 PM	81900.000	71.694	17.957	163.412
29213.779	33754.645	21.329	22953.160	34.230
1.015	14.739			
8/11/2016 8:50:00 PM	82200.000	71.693	17.957	163.411
29184.893	33721.070	21.305	22930.328	34.264
1.015	14.739			
8/11/2016 8:55:00 PM	82500.000	71.675	17.957	163.369
29188.930	33725.734	21.308	22933.500	34.260
1.015	14.739			
8/11/2016 9:00:00 PM	82800.000	71.673	17.957	163.365
29196.936	33734.984	21.315	22939.791	34.250
1.015	14.739			
8/11/2016 9:05:00 PM	83100.000	71.690	17.957	163.405
29201.725	33740.324	21.319	22943.420	34.245
1.015	14.741			
8/11/2016 9:10:00 PM	83400.000	71.669	17.957	163.356
29176.855	33712.113	21.299	22924.238	34.274
1.015	14.742			
8/11/2016 9:15:00 PM	83700.000	71.665	17.957	163.347
29176.668	33711.629	21.299	22923.910	34.274
1.015	14.743			
8/11/2016 9:20:00 PM	84000.000	71.685	17.957	163.391
29185.961	33722.305	21.306	22931.170	34.263
1.015	14.745			
8/11/2016 9:25:00 PM	84300.000	71.666	17.956	163.349
29186.951	33723.965	21.307	22932.299	34.262
1.015	14.747			
8/11/2016 9:30:00 PM	84600.000	71.660	17.957	163.335
29191.740	33728.914	21.311	22935.664	34.256
1.015	14.749			
8/11/2016 9:35:00 PM	84900.000	71.660	17.957	163.336
29187.811	33724.246	21.307	22932.490	34.261
1.015	14.749			
8/11/2016 9:40:00 PM	85200.000	71.656	17.957	163.326
29201.777	33740.906	21.319	22943.816	34.244
1.015	14.748			
8/11/2016 9:45:00 PM	85500.000	71.659	17.957	163.333
29197.533	33735.605	21.315	22940.215	34.249
1.015	14.748			
8/11/2016 9:50:00 PM	85800.000	71.674	17.957	163.368
29212.465	33752.926	21.327	22951.992	34.232
1.015	14.747			
8/11/2016 9:55:00 PM	86100.000	71.654	17.956	163.322
29199.148	33738.129	21.317	22941.930	34.248
1.015	14.747			
8/11/2016 10:00:00 PM	86400.000	71.673	17.957	163.365
29184.438	33720.418	21.305	22929.887	34.265
1.015	14.747			
8/11/2016 10:05:00 PM	86700.000	71.656	17.957	163.326
29193.639	33731.047	21.312	22937.113	34.254
1.015	14.747			
8/11/2016 10:10:00 PM	87000.000	71.650	17.957	163.313
29177.715	33712.516	21.299	22924.514	34.273
1.015	14.747			

8/11/2016 10:15:00 PM	87300.000	71.654	17.957	163.322
29187.139	33723.348	21.307	22931.877	34.262
1.015	14.748			
8/11/2016 10:20:00 PM	87600.000	71.653	17.957	163.318
29199.635	33738.230	21.317	22941.998	34.247
1.015	14.747			
8/11/2016 10:25:00 PM	87900.000	71.647	17.957	163.305
29202.664	33741.801	21.320	22944.426	34.243
1.015	14.746			
8/11/2016 10:30:00 PM	88200.000	71.647	17.957	163.305
29193.045	33730.551	21.312	22936.777	34.255
1.015	14.745			
8/11/2016 10:35:00 PM	88500.000	71.664	17.957	163.345
29170.746	33704.922	21.294	22919.350	34.281
1.015	14.746			
8/11/2016 10:40:00 PM	88800.000	71.644	17.957	163.299
29176.561	33711.375	21.299	22923.734	34.274
1.015	14.747			
8/11/2016 10:45:00 PM	89100.000	71.635	17.957	163.278
29209.273	33749.367	21.325	22949.572	34.236
1.015	14.748			
8/11/2016 10:50:00 PM	89400.000	71.656	17.957	163.327
29182.061	33717.605	21.303	22927.973	34.268
1.015	14.746			
8/11/2016 10:55:00 PM	89700.000	71.658	17.957	163.330
29185.246	33721.477	21.306	22930.605	34.264
1.015	14.744			
8/11/2016 11:00:00 PM	90000.000	71.657	17.957	163.328
29199.984	33738.637	21.317	22942.273	34.247
1.015	14.743			
8/11/2016 11:05:00 PM	90300.000	71.652	17.957	163.317
29197.883	33736.340	21.316	22940.713	34.249
1.015	14.744			
8/11/2016 11:10:00 PM	90600.000	71.646	17.957	163.303
29192.160	33729.859	21.311	22936.307	34.256
1.015	14.746			
8/11/2016 11:15:00 PM	90900.000	71.628	17.957	163.263
29168.814	33702.367	21.292	22917.609	34.283
1.015	14.747			
8/11/2016 11:20:00 PM	91200.000	71.623	17.957	163.252
29219.357	33761.020	21.333	22957.494	34.224
1.015	14.747			
8/11/2016 11:25:00 PM	91500.000	71.625	17.957	163.257
29172.162	33706.168	21.295	22920.197	34.279
1.015	14.748			
8/11/2016 11:30:00 PM	91800.000	71.622	17.957	163.249
29161.346	33694.125	21.286	22912.006	34.292
1.015	14.748			
8/11/2016 11:35:00 PM	92100.000	71.642	17.957	163.295
29207.488	33747.176	21.323	22948.082	34.238
1.015	14.747			
8/11/2016 11:40:00 PM	92400.000	71.615	17.957	163.234
29182.578	33718.270	21.303	22928.426	34.267
1.015	14.747			
8/11/2016 11:45:00 PM	92700.000	71.618	17.957	163.238
29184.848	33720.891	21.305	22930.207	34.264
1.015	14.747			
8/11/2016 11:50:00 PM	93000.000	71.619	17.957	163.242

29195.859	33733.871	21.314	22939.033	34.251
1.015	14.747			
8/11/2016 11:55:00 PM	93300.000	71.613	17.957	163.228
29175.227	33709.586	21.297	22922.520	34.276
1.015	14.747			
8/12/2016 12:00:00 AM	93600.000	71.615	17.957	163.233
29170.785	33704.703	21.294	22919.201	34.281
1.015	14.748			
8/12/2016 12:05:00 AM	93900.000	71.629	17.957	163.265
29199.465	33737.969	21.317	22941.820	34.247
1.015	14.748			
8/12/2016 12:10:00 AM	94200.000	71.605	17.957	163.209
29215.615	33756.500	21.330	22954.420	34.228
1.015	14.748			
8/12/2016 12:15:00 AM	94500.000	71.605	17.957	163.210
29199.762	33737.934	21.317	22941.795	34.247
1.015	14.748			
8/12/2016 12:20:00 AM	94800.000	71.602	17.957	163.202
29171.605	33705.715	21.295	22919.887	34.280
1.015	14.748			
8/12/2016 12:25:00 AM	95100.000	71.620	17.957	163.244
29191.115	33728.457	21.310	22935.352	34.257
1.015	14.749			
8/12/2016 12:30:00 AM	95400.000	71.618	17.957	163.240
29181.371	33717.000	21.302	22927.561	34.268
1.015	14.749			
8/12/2016 12:35:00 AM	95700.000	71.596	17.957	163.189
29161.148	33693.766	21.286	22911.762	34.292
1.015	14.750			
8/12/2016 12:40:00 AM	96000.000	71.612	17.957	163.226
29196.258	33734.133	21.314	22939.213	34.251
1.015	14.750			
8/12/2016 12:45:00 AM	96300.000	71.592	17.957	163.179
29166.590	33699.984	21.291	22915.990	34.286
1.015	14.750			
8/12/2016 12:50:00 AM	96600.000	71.594	17.957	163.185
29185.895	33722.035	21.306	22930.986	34.263
1.015	14.749			
8/12/2016 12:55:00 AM	96900.000	71.595	17.957	163.187
29192.820	33730.230	21.312	22936.559	34.255
1.015	14.748			
8/12/2016 1:00:00 AM	97200.000	71.593	17.957	163.182
29185.289	33721.656	21.306	22930.727	34.264
1.015	14.746			
8/12/2016 1:05:00 AM	97500.000	71.611	17.957	163.224
29179.137	33714.102	21.300	22925.590	34.271
1.015	14.746			
8/12/2016 1:10:00 AM	97800.000	71.610	17.957	163.221
29189.244	33725.902	21.309	22933.615	34.259
1.015	14.745			
8/12/2016 1:15:00 AM	98100.000	71.585	17.957	163.164
29148.512	33678.906	21.276	22901.656	34.307
1.015	14.744			
8/12/2016 1:20:00 AM	98400.000	71.603	17.956	163.206
29190.721	33728.320	21.310	22935.260	34.257
1.015	14.745			
8/12/2016 1:25:00 AM	98700.000	71.584	17.957	163.162
29181.203	33716.938	21.302	22927.520	34.269

1.015	14.745			
8/12/2016 1:30:00 AM	99000.000	71.579	17.957	163.150
29195.049	33732.680	21.313	22938.223	34.252
1.015	14.746			
8/12/2016 1:35:00 AM	99300.000	71.601	17.957	163.200
29195.213	33732.992	21.314	22938.436	34.252
1.015	14.747			
8/12/2016 1:40:00 AM	99600.000	71.576	17.957	163.143
29183.248	33719.168	21.304	22929.037	34.266
1.015	14.748			
8/12/2016 1:45:00 AM	99900.000	71.572	17.957	163.134
29202.912	33741.953	21.320	22944.531	34.243
1.015	14.749			
8/12/2016 1:50:00 AM	100200.000	71.572	17.957	163.134
29198.744	33737.465	21.317	22941.477	34.248
1.015	14.747			
8/12/2016 1:55:00 AM	100500.000	71.575	17.957	163.141
29199.764	33738.250	21.317	22942.012	34.247
1.015	14.745			
8/12/2016 2:00:00 AM	100800.000	71.573	17.958	163.138
29181.111	33716.309	21.302	22927.092	34.269
1.015	14.743			
8/12/2016 2:05:00 AM	101100.000	71.570	17.957	163.129
29200.666	33739.293	21.318	22942.721	34.246
1.015	14.743			
8/12/2016 2:10:00 AM	101400.000	71.577	17.958	163.145
29185.357	33721.156	21.305	22930.387	34.264
1.015	14.744			
8/12/2016 2:15:00 AM	101700.000	71.571	17.956	163.133
29188.871	33726.125	21.309	22933.768	34.260
1.015	14.744			
8/12/2016 2:20:00 AM	102000.000	71.587	17.957	163.169
29201.174	33740.012	21.318	22943.211	34.245
1.015	14.745			
8/12/2016 2:25:00 AM	102300.000	71.568	17.957	163.125
29170.051	33704.051	21.293	22918.754	34.282
1.015	14.745			
8/12/2016 2:30:00 AM	102600.000	71.562	17.957	163.113
29183.158	33718.996	21.304	22928.918	34.266
1.015	14.746			
8/12/2016 2:35:00 AM	102900.000	71.562	17.957	163.111
29203.355	33742.402	21.320	22944.836	34.243
1.015	14.745			
8/12/2016 2:40:00 AM	103200.000	71.565	17.957	163.120
29179.730	33715.168	21.301	22926.314	34.270
1.015	14.744			
8/12/2016 2:45:00 AM	103500.000	71.561	17.957	163.110
29195.807	33733.613	21.314	22938.857	34.251
1.015	14.742			
8/12/2016 2:50:00 AM	103800.000	71.586	17.957	163.167
29200.822	33739.348	21.318	22942.756	34.246
1.015	14.740			
8/12/2016 2:55:00 AM	104100.000	71.567	17.957	163.123
29166.199	33699.531	21.290	22915.682	34.286
1.015	14.738			
8/12/2016 3:00:00 AM	104400.000	71.564	17.956	163.115
29194.277	33732.371	21.313	22938.014	34.253
1.015	14.736			

8/12/2016 3:05:00 AM	104700.000	71.568	17.957	163.126
29175.035	33709.879	21.297	22922.721	34.276
1.015	14.736			
8/12/2016 3:10:00 AM	105000.000	71.565	17.957	163.119
29184.490	33720.867	21.305	22930.191	34.265
1.015	14.736			
8/12/2016 3:15:00 AM	105300.000	71.561	17.958	163.110
29202.320	33740.816	21.319	22943.756	34.244
1.015	14.736			
8/12/2016 3:20:00 AM	105600.000	71.558	17.957	163.103
29208.217	33747.824	21.324	22948.523	34.237
1.015	14.739			
8/12/2016 3:25:00 AM	105900.000	71.560	17.957	163.108
29190.270	33727.156	21.309	22934.467	34.258
1.015	14.742			
8/12/2016 3:30:00 AM	106200.000	71.558	17.957	163.102
29200.734	33739.246	21.318	22942.688	34.246
1.015	14.744			
8/12/2016 3:35:00 AM	106500.000	71.554	17.957	163.093
29190.055	33727.297	21.310	22934.563	34.258
1.015	14.742			
8/12/2016 3:40:00 AM	106800.000	71.558	17.957	163.102
29171.191	33705.367	21.294	22919.650	34.280
1.015	14.741			
8/12/2016 3:45:00 AM	107100.000	71.563	17.957	163.114
29162.156	33694.672	21.287	22912.379	34.291
1.015	14.739			
8/12/2016 3:50:00 AM	107400.000	71.557	17.957	163.101
29199.217	33737.820	21.317	22941.719	34.247
1.015	14.740			
8/12/2016 3:55:00 AM	107700.000	71.583	17.957	163.159
29189.291	33726.082	21.309	22933.736	34.259
1.015	14.741			
8/12/2016 4:00:00 AM	108000.000	71.555	17.957	163.096
29196.117	33733.844	21.314	22939.014	34.251
1.015	14.743			
8/12/2016 4:05:00 AM	108300.000	71.581	17.957	163.156
29177.559	33712.988	21.300	22924.834	34.273
1.015	14.740			
8/12/2016 4:10:00 AM	108600.000	71.564	17.957	163.116
29184.590	33720.594	21.305	22930.004	34.265
1.015	14.738			
8/12/2016 4:15:00 AM	108900.000	71.561	17.957	163.109
29193.730	33731.020	21.312	22937.096	34.254
1.015	14.736			
8/12/2016 4:20:00 AM	109200.000	71.580	17.957	163.152
29177.150	33711.930	21.299	22924.113	34.273
1.015	14.738			
8/12/2016 4:25:00 AM	109500.000	71.561	17.957	163.110
29192.229	33729.352	21.311	22935.961	34.256
1.015	14.740			
8/12/2016 4:30:00 AM	109800.000	71.556	17.957	163.099
29179.279	33714.715	21.301	22926.006	34.271
1.015	14.742			
8/12/2016 4:35:00 AM	110100.000	71.561	17.957	163.109
29165.141	33698.055	21.289	22914.678	34.288
1.015	14.740			
8/12/2016 4:40:00 AM	110400.000	71.559	17.957	163.104

29210.156	33750.320	21.326	22950.221	34.235
1.015	14.738			
8/12/2016 4:45:00 AM	110700.000	71.562	17.957	163.111
29186.660	33722.984	21.307	22931.629	34.262
1.015	14.737			
8/12/2016 4:50:00 AM	111000.000	71.561	17.957	163.109
29198.436	33736.918	21.316	22941.105	34.248
1.015	14.739			
8/12/2016 4:55:00 AM	111300.000	71.561	17.958	163.110
29174.684	33708.824	21.297	22922.000	34.276
1.015	14.740			
8/12/2016 5:00:00 AM	111600.000	71.559	17.957	163.105
29193.586	33731.242	21.312	22937.244	34.254
1.015	14.742			
8/12/2016 5:05:00 AM	111900.000	71.580	17.957	163.152
29202.775	33741.859	21.320	22944.465	34.243
1.015	14.743			
8/12/2016 5:10:00 AM	112200.000	71.560	17.957	163.108
29166.689	33700.234	21.291	22916.160	34.286
1.015	14.743			
8/12/2016 5:15:00 AM	112500.000	71.561	17.957	163.110
29185.189	33721.219	21.305	22930.432	34.264
1.015	14.744			
8/12/2016 5:20:00 AM	112800.000	71.560	17.957	163.106
29183.965	33720.328	21.305	22929.824	34.265
1.015	14.745			
8/12/2016 5:25:00 AM	113100.000	71.562	17.957	163.111
29172.412	33706.648	21.295	22920.523	34.279
1.015	14.745			
8/12/2016 5:30:00 AM	113400.000	71.566	17.957	163.121
29194.395	33732.109	21.313	22937.836	34.253
1.015	14.746			
8/12/2016 5:35:00 AM	113700.000	71.563	17.957	163.115
29225.262	33768.043	21.338	22962.271	34.217
1.015	14.746			
8/12/2016 5:40:00 AM	114000.000	71.564	17.957	163.116
29197.617	33735.703	21.315	22940.281	34.249
1.015	14.747			
8/12/2016 5:45:00 AM	114300.000	71.581	17.957	163.154
29187.129	33723.715	21.307	22932.129	34.262
1.015	14.748			
8/12/2016 5:50:00 AM	114600.000	71.584	17.957	163.161
29168.018	33701.633	21.292	22917.113	34.284
1.015	14.749			
8/12/2016 5:55:00 AM	114900.000	71.565	17.957	163.119
29198.227	33736.215	21.316	22940.629	34.249
1.015	14.750			
8/12/2016 6:00:00 AM	115200.000	71.560	17.957	163.108
29190.531	33727.645	21.310	22934.799	34.258
1.015	14.751			
8/12/2016 6:05:00 AM	115500.000	71.567	17.958	163.122
29215.080	33755.559	21.329	22953.781	34.229
1.015	14.749			
8/12/2016 6:10:00 AM	115800.000	71.568	17.957	163.125
29199.301	33737.398	21.317	22941.434	34.247
1.015	14.747			
8/12/2016 6:15:00 AM	116100.000	71.593	17.957	163.181
29219.172	33760.805	21.333	22957.348	34.224

1.015	14.745			
8/12/2016 6:20:00 AM	116400.000	71.574	17.957	163.138
29187.576	33724.367	21.308	22932.572	34.261
1.015	14.747			
8/12/2016 6:25:00 AM	116700.000	71.571	17.957	163.133
29182.410	33718.262	21.303	22928.420	34.267
1.015	14.748			
8/12/2016 6:30:00 AM	117000.000	71.574	17.957	163.139
29198.137	33736.371	21.316	22940.732	34.249
1.015	14.750			
8/12/2016 6:35:00 AM	117300.000	71.592	17.957	163.179
29192.611	33729.988	21.311	22936.395	34.255
1.015	14.750			
8/12/2016 6:40:00 AM	117600.000	71.574	17.957	163.140
29195.020	33732.645	21.313	22938.199	34.252
1.015	14.751			
8/12/2016 6:45:00 AM	117900.000	71.577	17.957	163.147
29181.910	33717.430	21.303	22927.854	34.268
1.015	14.751			
8/12/2016 6:50:00 AM	118200.000	71.574	17.957	163.140
29200.127	33738.672	21.317	22942.299	34.246
1.015	14.752			
8/12/2016 6:55:00 AM	118500.000	71.592	17.957	163.179
29192.883	33730.563	21.312	22936.785	34.255
1.015	14.753			
8/12/2016 7:00:00 AM	118800.000	71.579	17.957	163.151
29196.621	33734.750	21.315	22939.633	34.251
1.015	14.755			
8/12/2016 7:05:00 AM	119100.000	71.595	17.957	163.187
29175.969	33710.820	21.298	22923.359	34.275
1.015	14.756			
8/12/2016 7:10:00 AM	119400.000	71.576	17.957	163.145
29179.779	33715.555	21.301	22926.578	34.270
1.015	14.757			
8/12/2016 7:15:00 AM	119700.000	71.577	17.957	163.145
29188.695	33725.336	21.308	22933.229	34.260
1.015	14.758			
8/12/2016 7:20:00 AM	120000.000	71.596	17.957	163.190
29198.998	33737.566	21.317	22941.545	34.248
1.015	14.759			
8/12/2016 7:25:00 AM	120300.000	71.602	17.957	163.204
29177.918	33712.750	21.299	22924.672	34.272
1.015	14.760			
8/12/2016 7:30:00 AM	120600.000	71.581	17.957	163.156
29204.127	33743.293	21.321	22945.439	34.242
1.015	14.760			
8/12/2016 7:35:00 AM	120900.000	71.575	17.957	163.141
29175.738	33710.367	21.298	22923.053	34.275
1.015	14.762			
8/12/2016 7:40:00 AM	121200.000	71.582	17.957	163.157
29198.826	33737.168	21.316	22941.277	34.248
1.015	14.763			
8/12/2016 7:45:00 AM	121500.000	71.601	17.958	163.201
29208.047	33747.375	21.324	22948.215	34.237
1.015	14.765			
8/12/2016 7:50:00 AM	121800.000	71.582	17.957	163.157
29191.648	33728.809	21.311	22935.590	34.256
1.015	14.763			

8/12/2016 7:55:00 AM	122100.000	71.591	17.957	163.178
29187.811	33724.441	21.308	22932.623	34.261
1.015	14.760			
8/12/2016 8:00:00 AM	122400.000	71.592	17.957	163.180
29202.912	33741.953	21.320	22944.531	34.243
1.015	14.758			
8/12/2016 8:05:00 AM	122700.000	71.590	17.957	163.176
29194.863	33732.395	21.313	22938.029	34.253
1.015	14.762			
8/12/2016 8:10:00 AM	123000.000	71.584	17.957	163.162
29183.211	33719.125	21.304	22929.006	34.266
1.015	14.765			
8/12/2016 8:15:00 AM	123300.000	71.585	17.957	163.164
29211.297	33751.840	21.327	22951.254	34.233
1.015	14.768			
8/12/2016 8:20:00 AM	123600.000	71.586	17.957	163.167
29196.484	33734.594	21.315	22939.523	34.251
1.015	14.767			
8/12/2016 8:25:00 AM	123900.000	71.603	17.957	163.206
29185.281	33721.582	21.306	22930.678	34.264
1.015	14.765			
8/12/2016 8:30:00 AM	124200.000	71.587	17.957	163.169
29185.244	33721.805	21.306	22930.830	34.264
1.015	14.763			
8/12/2016 8:35:00 AM	124500.000	71.589	17.957	163.174
29189.980	33727.078	21.309	22934.416	34.258
1.015	14.762			
8/12/2016 8:40:00 AM	124800.000	71.597	17.957	163.191
29184.193	33720.137	21.305	22929.695	34.265
1.015	14.760			
8/12/2016 8:45:00 AM	125100.000	71.596	17.957	163.189
29164.115	33696.996	21.289	22913.957	34.289
1.015	14.759			
8/12/2016 8:50:00 AM	125400.000	71.593	17.957	163.182
29184.793	33721.082	21.305	22930.338	34.264
1.015	14.760			
8/12/2016 8:55:00 AM	125700.000	71.598	17.957	163.194
29191.521	33728.602	21.310	22935.449	34.257
1.015	14.760			
8/12/2016 9:00:00 AM	126000.000	71.615	17.957	163.233
29200.203	33739.090	21.318	22942.584	34.246
1.015	14.761			
8/12/2016 9:05:00 AM	126300.000	71.618	17.957	163.240
29204.809	33743.887	21.321	22945.844	34.241
1.015	14.762			
8/12/2016 9:10:00 AM	126600.000	71.613	17.957	163.229
29201.273	33739.930	21.318	22943.154	34.245
1.015	14.763			
8/12/2016 9:15:00 AM	126900.000	71.599	17.957	163.196
29188.385	33725.234	21.308	22933.160	34.260
1.015	14.764			
8/12/2016 9:20:00 AM	127200.000	71.592	17.957	163.180
29188.943	33725.625	21.308	22933.428	34.260
1.015	14.765			
8/12/2016 9:25:00 AM	127500.000	71.597	17.957	163.192
29188.568	33725.000	21.308	22933.000	34.260
1.015	14.765			
8/12/2016 9:30:00 AM	127800.000	71.599	17.957	163.195

29190.564	33727.684	21.310	22934.826	34.258
1.015	14.765			
8/12/2016 9:35:00 AM	128100.000	71.618	17.957	163.240
29220.098	33761.621	21.333	22957.902	34.223
1.015	14.765			
8/12/2016 9:40:00 AM	128400.000	71.597	17.958	163.191
29199.232	33737.246	21.317	22941.330	34.247
1.015	14.764			
8/12/2016 9:45:00 AM	128700.000	71.600	17.957	163.197
29176.906	33711.840	21.299	22924.051	34.274
1.015	14.764			
8/12/2016 9:50:00 AM	129000.000	71.592	17.957	163.180
29190.604	33727.406	21.310	22934.637	34.258
1.015	14.765			
8/12/2016 9:55:00 AM	129300.000	71.597	17.957	163.191
29187.764	33724.191	21.307	22932.453	34.261
1.015	14.767			
8/12/2016 10:00:00 AM	129600.000	71.611	17.957	163.223
29198.844	33736.930	21.316	22941.115	34.248
1.015	14.768			
8/12/2016 10:05:00 AM	129900.000	71.613	17.957	163.228
29212.875	33753.086	21.328	22952.102	34.231
1.015	14.768			
8/12/2016 10:10:00 AM	130200.000	71.595	17.957	163.187
29191.316	33728.422	21.310	22935.328	34.257
1.015	14.767			
8/12/2016 10:15:00 AM	130500.000	71.593	17.957	163.183
29208.900	33749.070	21.325	22949.367	34.236
1.015	14.766			
8/12/2016 10:20:00 AM	130800.000	71.612	17.957	163.225
29197.443	33735.570	21.315	22940.189	34.250
1.015	14.764			
8/12/2016 10:25:00 AM	131100.000	71.600	17.956	163.198
29207.924	33748.199	21.324	22948.775	34.237
1.015	14.761			
8/12/2016 10:30:00 AM	131400.000	71.604	17.958	163.207
29209.055	33748.598	21.324	22949.047	34.236
1.015	14.759			
8/12/2016 10:35:00 AM	131700.000	71.618	17.957	163.239
29201.734	33740.727	21.319	22943.695	34.245
1.015	14.761			
8/12/2016 10:40:00 AM	132000.000	71.601	17.957	163.201
29191.533	33728.805	21.311	22935.588	34.257
1.015	14.763			
8/12/2016 10:45:00 AM	132300.000	71.616	17.957	163.234
29205.115	33744.766	21.322	22946.441	34.241
1.015	14.766			
8/12/2016 10:50:00 AM	132600.000	71.596	17.957	163.188
29164.475	33697.605	21.289	22914.371	34.288
1.015	14.767			
8/12/2016 10:55:00 AM	132900.000	71.597	17.957	163.191
29186.199	33722.512	21.306	22931.309	34.263
1.015	14.769			
8/12/2016 11:00:00 AM	133200.000	71.594	17.957	163.186
29175.535	33710.648	21.298	22923.240	34.275
1.015	14.770			
8/12/2016 11:05:00 AM	133500.000	71.612	17.957	163.225
29191.662	33728.891	21.311	22935.648	34.256

1.015	14.769			
8/12/2016 11:10:00 AM	133800.000	71.593	17.957	163.182
29175.348	33709.973	21.298	22922.783	34.276
1.015	14.768			
8/12/2016 11:15:00 AM	134100.000	71.592	17.957	163.180
29196.119	33733.973	21.314	22939.102	34.251
1.015	14.767			
8/12/2016 11:20:00 AM	134400.000	71.598	17.957	163.193
29207.838	33747.645	21.324	22948.398	34.237
1.015	14.766			
8/12/2016 11:25:00 AM	134700.000	71.597	17.957	163.193
29183.750	33719.488	21.304	22929.252	34.266
1.015	14.765			
8/12/2016 11:30:00 AM	135000.000	71.598	17.957	163.195
29215.141	33756.020	21.330	22954.094	34.229
1.015	14.764			
8/12/2016 11:35:00 AM	135300.000	71.619	17.957	163.243
29184.682	33720.887	21.305	22930.205	34.265
1.015	14.764			
8/12/2016 11:40:00 AM	135600.000	71.600	17.957	163.198
29196.236	33733.859	21.314	22939.025	34.251
1.015	14.763			
8/12/2016 11:45:00 AM	135900.000	71.598	17.957	163.194
29194.572	33732.383	21.313	22938.023	34.253
1.015	14.763			
8/12/2016 11:50:00 AM	136200.000	71.622	17.957	163.249
29205.004	33744.504	21.322	22946.264	34.241
1.015	14.765			
8/12/2016 11:55:00 AM	136500.000	71.596	17.957	163.190
29198.264	33736.848	21.316	22941.057	34.249
1.015	14.766			
8/12/2016 12:00:00 PM	136800.000	71.615	17.957	163.232
29190.969	33728.023	21.310	22935.059	34.257
1.015	14.768			
8/12/2016 12:05:00 PM	137100.000	71.614	17.957	163.231
29220.447	33761.957	21.334	22958.131	34.223
1.015	14.768			
8/12/2016 12:10:00 PM	137400.000	71.592	17.957	163.179
29180.910	33716.598	21.302	22927.287	34.269
1.015	14.767			
8/12/2016 12:15:00 PM	137700.000	71.596	17.957	163.189
29204.912	33744.398	21.321	22946.191	34.241
1.015	14.767			
8/12/2016 12:20:00 PM	138000.000	71.595	17.957	163.188
29195.959	33733.984	21.314	22939.109	34.251
1.015	14.768			
8/12/2016 12:25:00 PM	138300.000	71.590	17.957	163.176
29186.400	33723.074	21.307	22931.691	34.263
1.015	14.768			
8/12/2016 12:30:00 PM	138600.000	71.593	17.957	163.183
29213.828	33754.375	21.328	22952.977	34.230
1.015	14.769			
8/12/2016 12:35:00 PM	138900.000	71.596	17.957	163.190
29172.955	33707.477	21.296	22921.086	34.278
1.015	14.768			
8/12/2016 12:40:00 PM	139200.000	71.592	17.957	163.181
29203.021	33742.078	21.320	22944.615	34.243
1.015	14.767			

8/12/2016 12:45:00 PM	139500.000	71.595	17.957	163.186
29208.912	33749.020	21.325	22949.336	34.236
1.015	14.767			
8/12/2016 12:50:00 PM	139800.000	71.601	17.957	163.201
29186.371	33722.516	21.306	22931.313	34.263
1.015	14.766			
8/12/2016 12:55:00 PM	140100.000	71.615	17.957	163.234
29190.695	33727.836	21.310	22934.930	34.257
1.015	14.765			
8/12/2016 1:00:00 PM	140400.000	71.602	17.957	163.203
29186.699	33723.090	21.307	22931.701	34.262
1.015	14.764			
8/12/2016 1:05:00 PM	140700.000	71.600	17.957	163.199
29199.330	33737.879	21.317	22941.760	34.247
1.015	14.762			
8/12/2016 1:10:00 PM	141000.000	71.604	17.957	163.208
29197.215	33735.508	21.315	22940.146	34.250
1.015	14.760			
8/12/2016 1:15:00 PM	141300.000	71.602	17.957	163.203
29186.104	33722.273	21.306	22931.146	34.263
1.015	14.758			
8/12/2016 1:20:00 PM	141600.000	71.604	17.957	163.208
29208.008	33747.777	21.324	22948.490	34.237
1.015	14.758			
8/12/2016 1:25:00 PM	141900.000	71.603	17.957	163.205
29181.346	33717.234	21.303	22927.719	34.268
1.015	14.759			
8/12/2016 1:30:00 PM	142200.000	71.602	17.957	163.202
29198.295	33736.488	21.316	22940.813	34.249
1.015	14.760			
8/12/2016 1:35:00 PM	142500.000	71.621	17.956	163.246
29206.021	33746.070	21.323	22947.328	34.240
1.015	14.760			
8/12/2016 1:40:00 PM	142800.000	71.604	17.957	163.207
29187.070	33723.461	21.307	22931.953	34.262
1.015	14.760			
8/12/2016 1:45:00 PM	143100.000	71.619	17.957	163.242
29194.604	33732.551	21.313	22938.135	34.253
1.015	14.760			
8/12/2016 1:50:00 PM	143400.000	71.600	17.957	163.198
29169.215	33702.953	21.293	22918.010	34.283
1.015	14.761			
8/12/2016 1:55:00 PM	143700.000	71.597	17.957	163.191
29194.836	33732.688	21.313	22938.230	34.253
1.015	14.762			
8/12/2016 2:00:00 PM	144000.000	71.598	17.957	163.194
29201.162	33739.996	21.318	22943.199	34.245
1.015	14.763			
8/12/2016 2:05:00 PM	144300.000	71.600	17.957	163.198
29188.670	33725.496	21.308	22933.338	34.260
1.015	14.762			
8/12/2016 2:10:00 PM	144600.000	71.604	17.957	163.209
29196.646	33734.648	21.315	22939.563	34.251
1.015	14.761			
8/12/2016 2:15:00 PM	144900.000	71.603	17.957	163.204
29197.334	33735.773	21.315	22940.326	34.250
1.015	14.760			
8/12/2016 2:20:00 PM	145200.000	71.599	17.957	163.196

29187.252	33724.125	21.307	22932.406	34.262
1.015	14.760			
8/12/2016 2:25:00 PM	145500.000	71.599	17.957	163.197
29200.416	33739.004	21.318	22942.523	34.246
1.015	14.760			
8/12/2016 2:30:00 PM	145800.000	71.606	17.957	163.211
29192.082	33729.309	21.311	22935.930	34.256
1.015	14.761			
8/12/2016 2:35:00 PM	146100.000	71.607	17.957	163.215
29213.857	33754.598	21.329	22953.129	34.230
1.015	14.760			
8/12/2016 2:40:00 PM	146400.000	71.623	17.957	163.250
29198.791	33737.129	21.316	22941.250	34.248
1.015	14.759			
8/12/2016 2:45:00 PM	146700.000	71.608	17.957	163.217
29182.475	33718.273	21.303	22928.426	34.267
1.015	14.759			
8/12/2016 2:50:00 PM	147000.000	71.607	17.957	163.215
29206.969	33746.777	21.323	22947.809	34.238
1.015	14.759			
8/12/2016 2:55:00 PM	147300.000	71.628	17.957	163.263
29190.379	33727.281	21.310	22934.551	34.258
1.015	14.759			
8/12/2016 3:00:00 PM	147600.000	71.610	17.957	163.222
29203.379	33742.559	21.320	22944.941	34.243
1.015	14.759			
8/12/2016 3:05:00 PM	147900.000	71.614	17.957	163.230
29196.910	33735.215	21.315	22939.949	34.250
1.015	14.759			
8/12/2016 3:10:00 PM	148200.000	71.615	17.957	163.233
29199.148	33737.348	21.317	22941.396	34.248
1.015	14.758			
8/12/2016 3:15:00 PM	148500.000	71.613	17.957	163.228
29197.695	33735.734	21.315	22940.301	34.249
1.015	14.757			
8/12/2016 3:20:00 PM	148800.000	71.634	17.957	163.276
29183.994	33719.770	21.304	22929.445	34.265
1.015	14.757			
8/12/2016 3:25:00 PM	149100.000	71.639	17.957	163.287
29178.123	33713.375	21.300	22925.096	34.272
1.015	14.757			
8/12/2016 3:30:00 PM	149400.000	71.618	17.957	163.240
29166.648	33700.250	21.291	22916.170	34.286
1.015	14.758			
8/12/2016 3:35:00 PM	149700.000	71.622	17.957	163.248
29214.924	33755.770	21.329	22953.924	34.229
1.015	14.756			
8/12/2016 3:40:00 PM	150000.000	71.625	17.957	163.255
29190.912	33728.355	21.310	22935.281	34.257
1.015	14.754			
8/12/2016 3:45:00 PM	150300.000	71.627	17.957	163.259
29195.385	33733.523	21.314	22938.799	34.252
1.015	14.753			
8/12/2016 3:50:00 PM	150600.000	71.624	17.958	163.253
29184.393	33720.043	21.305	22929.631	34.265
1.015	14.756			
8/12/2016 3:55:00 PM	150900.000	71.621	17.957	163.247
29203.250	33742.344	21.320	22944.795	34.243

1.015	14.758			
8/12/2016 4:00:00 PM	151200.000	71.636	17.957	163.280
29188.303	33725.270	21.308	22933.186	34.260
1.015	14.761			
8/12/2016 4:05:00 PM	151500.000	71.628	17.957	163.262
29194.232	33731.859	21.313	22937.666	34.253
1.015	14.758			
8/12/2016 4:10:00 PM	151800.000	71.628	17.957	163.262
29188.990	33726.066	21.309	22933.725	34.259
1.015	14.756			
8/12/2016 4:15:00 PM	152100.000	71.650	17.957	163.313
29206.818	33746.402	21.323	22947.555	34.239
1.015	14.753			
8/12/2016 4:20:00 PM	152400.000	71.653	17.957	163.319
29192.379	33729.918	21.311	22936.344	34.256
1.015	14.753			
8/12/2016 4:25:00 PM	152700.000	71.636	17.957	163.281
29188.135	33724.746	21.308	22932.828	34.260
1.015	14.753			
8/12/2016 4:30:00 PM	153000.000	71.657	17.957	163.329
29211.912	33752.352	21.327	22951.602	34.233
1.015	14.753			
8/12/2016 4:35:00 PM	153300.000	71.641	17.957	163.292
29210.098	33750.066	21.325	22950.047	34.235
1.015	14.752			
8/12/2016 4:40:00 PM	153600.000	71.640	17.957	163.289
29205.422	33744.664	21.322	22946.373	34.240
1.015	14.751			
8/12/2016 4:45:00 PM	153900.000	71.644	17.957	163.300
29191.906	33729.105	21.311	22935.793	34.256
1.015	14.751			
8/12/2016 4:50:00 PM	154200.000	71.663	17.957	163.342
29197.174	33735.191	21.315	22939.930	34.250
1.015	14.750			
8/12/2016 4:55:00 PM	154500.000	71.662	17.957	163.339
29203.430	33742.418	21.320	22944.846	34.243
1.015	14.750			
8/12/2016 5:00:00 PM	154800.000	71.647	17.957	163.306
29194.621	33732.117	21.313	22937.842	34.253
1.015	14.749			
8/12/2016 5:05:00 PM	155100.000	71.649	17.957	163.311
29212.287	33752.527	21.327	22951.719	34.232
1.015	14.748			
8/12/2016 5:10:00 PM	155400.000	71.653	17.957	163.320
29207.189	33746.895	21.323	22947.889	34.238
1.015	14.746			
8/12/2016 5:15:00 PM	155700.000	71.656	17.957	163.327
29171.553	33705.918	21.295	22920.027	34.280
1.015	14.745			
8/12/2016 5:20:00 PM	156000.000	71.658	17.957	163.331
29201.461	33740.410	21.319	22943.480	34.245
1.015	14.745			
8/12/2016 5:25:00 PM	156300.000	71.655	17.957	163.324
29196.527	33734.387	21.315	22939.385	34.251
1.015	14.746			
8/12/2016 5:30:00 PM	156600.000	71.658	17.957	163.330
29201.621	33740.660	21.319	22943.648	34.245
1.015	14.746			

8/12/2016 5:35:00 PM	156900.000	71.660	17.957	163.335
29208.695	33748.770	21.325	22949.166	34.236
1.015	14.743			
8/12/2016 5:40:00 PM	157200.000	71.662	17.957	163.340
29195.533	33733.238	21.314	22938.602	34.252
1.015	14.739			
8/12/2016 5:45:00 PM	157500.000	71.671	17.957	163.359
29161.533	33694.141	21.287	22912.016	34.292
1.015	14.735			
8/12/2016 5:50:00 PM	157800.000	71.669	17.957	163.355
29198.252	33736.633	21.316	22940.910	34.249
1.015	14.735			
8/12/2016 5:55:00 PM	158100.000	71.690	17.957	163.403
29218.779	33760.031	21.332	22956.824	34.225
1.015	14.736			
8/12/2016 6:00:00 PM	158400.000	71.693	17.957	163.411
29176.443	33711.438	21.299	22923.779	34.274
1.015	14.737			
8/12/2016 6:05:00 PM	158700.000	71.675	17.957	163.370
29191.264	33728.305	21.310	22935.250	34.257
1.015	14.735			
8/12/2016 6:10:00 PM	159000.000	71.677	17.957	163.375
29185.188	33721.473	21.306	22930.604	34.264
1.015	14.734			
8/12/2016 6:15:00 PM	159300.000	71.699	17.957	163.425
29203.953	33743.090	21.321	22945.301	34.242
1.015	14.733			
8/12/2016 6:20:00 PM	159600.000	71.677	17.957	163.374
29213.639	33754.090	21.328	22952.781	34.231
1.015	14.734			
8/12/2016 6:25:00 PM	159900.000	71.677	17.957	163.374
29195.359	33733.094	21.314	22938.506	34.252
1.015	14.734			
8/12/2016 6:30:00 PM	160200.000	71.680	17.957	163.381
29205.432	33744.801	21.322	22946.467	34.240
1.015	14.735			
8/12/2016 6:35:00 PM	160500.000	71.684	17.957	163.390
29172.553	33707.141	21.296	22920.857	34.279
1.015	14.734			
8/12/2016 6:40:00 PM	160800.000	71.683	17.957	163.389
29185.223	33721.711	21.306	22930.766	34.264
1.015	14.733			
8/12/2016 6:45:00 PM	161100.000	71.688	17.957	163.399
29167.607	33701.359	21.292	22916.926	34.285
1.015	14.732			
8/12/2016 6:50:00 PM	161400.000	71.692	17.957	163.408
29182.650	33718.410	21.303	22928.520	34.267
1.015	14.731			
8/12/2016 6:55:00 PM	161700.000	71.689	17.957	163.401
29209.543	33749.551	21.325	22949.695	34.235
1.015	14.731			
8/12/2016 7:00:00 PM	162000.000	71.690	17.957	163.404
29184.287	33720.434	21.305	22929.895	34.265
1.015	14.730			
8/12/2016 7:05:00 PM	162300.000	71.692	17.957	163.409
29201.344	33740.340	21.319	22943.432	34.245
1.015	14.730			
8/12/2016 7:10:00 PM	162600.000	71.692	17.957	163.408

29171.537	33705.512	21.294	22919.748	34.280
1.015	14.731			
8/12/2016 7:15:00 PM	162900.000	71.711	17.957	163.452
29188.471	33725.012	21.308	22933.008	34.260
1.015	14.732			
8/12/2016 7:20:00 PM	163200.000	71.717	17.957	163.466
29208.510	33748.621	21.324	22949.064	34.237
1.015	14.732			
8/12/2016 7:25:00 PM	163500.000	71.719	17.957	163.470
29185.883	33722.086	21.306	22931.021	34.263
1.015	14.732			
8/12/2016 7:30:00 PM	163800.000	71.712	17.957	163.453
29181.250	33716.668	21.302	22927.336	34.269
1.015	14.732			
8/12/2016 7:35:00 PM	164100.000	71.696	17.957	163.418
29184.275	33720.555	21.305	22929.977	34.265
1.015	14.730			
8/12/2016 7:40:00 PM	164400.000	71.723	17.957	163.480
29205.828	33745.457	21.322	22946.910	34.240
1.015	14.727			
8/12/2016 7:45:00 PM	164700.000	71.724	17.957	163.482
29210.252	33750.633	21.326	22950.430	34.235
1.015	14.724			
8/12/2016 7:50:00 PM	165000.000	71.711	17.957	163.452
29199.186	33737.645	21.317	22941.600	34.248
1.015	14.726			
8/12/2016 7:55:00 PM	165300.000	71.708	17.956	163.444
29179.990	33715.922	21.302	22926.826	34.270
1.015	14.727			
8/12/2016 8:00:00 PM	165600.000	71.724	17.957	163.482
29202.232	33741.234	21.319	22944.041	34.244
1.015	14.728			
8/12/2016 8:05:00 PM	165900.000	71.725	17.957	163.482
29195.488	33733.313	21.314	22938.654	34.252
1.015	14.730			
8/12/2016 8:10:00 PM	166200.000	71.702	17.957	163.431
29187.422	33724.121	21.307	22932.404	34.261
1.015	14.732			
8/12/2016 8:15:00 PM	166500.000	71.703	17.957	163.433
29213.254	33753.840	21.328	22952.611	34.231
1.015	14.734			
8/12/2016 8:20:00 PM	166800.000	71.705	17.957	163.438
29190.465	33727.707	21.310	22934.844	34.258
1.015	14.734			
8/12/2016 8:25:00 PM	167100.000	71.722	17.957	163.476
29182.270	33718.039	21.303	22928.268	34.267
1.015	14.734			
8/12/2016 8:30:00 PM	167400.000	71.708	17.957	163.444
29195.031	33733.047	21.314	22938.475	34.252
1.015	14.734			
8/12/2016 8:35:00 PM	167700.000	71.706	17.957	163.440
29186.656	33723.438	21.307	22931.938	34.262
1.015	14.734			
8/12/2016 8:40:00 PM	168000.000	71.727	17.957	163.489
29163.164	33695.836	21.288	22913.170	34.290
1.015	14.734			
8/12/2016 8:45:00 PM	168300.000	71.710	17.957	163.449
29220.711	33762.328	21.334	22958.383	34.222

1.015	14.735			
8/12/2016 8:50:00 PM	168600.000	71.709	17.957	163.447
29201.770	33740.633	21.319	22943.633	34.244
1.015	14.734			
8/12/2016 8:55:00 PM	168900.000	71.706	17.957	163.441
29199.500	33738.145	21.317	22941.939	34.247
1.015	14.734			
8/12/2016 9:00:00 PM	169200.000	71.709	17.957	163.448
29209.660	33749.816	21.325	22949.877	34.235
1.015	14.734			
8/12/2016 9:05:00 PM	169500.000	71.709	17.958	163.446
29206.070	33745.148	21.322	22946.703	34.239
1.015	14.734			
8/12/2016 9:10:00 PM	169800.000	71.712	17.957	163.453
29207.453	33747.266	21.323	22948.141	34.238
1.015	14.735			
8/12/2016 9:15:00 PM	170100.000	71.708	17.957	163.444
29177.057	33711.891	21.299	22924.088	34.274
1.015	14.736			
8/12/2016 9:20:00 PM	170400.000	71.705	17.957	163.437
29198.285	33736.672	21.316	22940.939	34.249
1.015	14.737			
8/12/2016 9:25:00 PM	170700.000	71.707	17.957	163.441
29184.957	33721.145	21.305	22930.379	34.264
1.015	14.739			
8/12/2016 9:30:00 PM	171000.000	71.701	17.957	163.429
29193.965	33731.680	21.313	22937.543	34.254
1.015	14.741			
8/12/2016 9:35:00 PM	171300.000	71.705	17.957	163.438
29188.410	33725.066	21.308	22933.047	34.260
1.015	14.740			
8/12/2016 9:40:00 PM	171600.000	71.704	17.957	163.436
29187.119	33723.574	21.307	22932.031	34.262
1.015	14.739			
8/12/2016 9:45:00 PM	171900.000	71.703	17.957	163.432
29202.881	33741.594	21.320	22944.285	34.243
1.015	14.739			
8/12/2016 9:50:00 PM	172200.000	71.698	17.957	163.422
29209.049	33749.180	21.325	22949.443	34.236
1.015	14.738			
8/12/2016 9:55:00 PM	172500.000	71.700	17.957	163.427
29188.451	33725.055	21.308	22933.039	34.260
1.015	14.738			
8/12/2016 10:00:00 PM	172800.000	71.704	17.957	163.435
29201.789	33740.922	21.319	22943.826	34.244
1.015	14.737			
8/12/2016 10:05:00 PM	173100.000	71.697	17.957	163.419
29216.418	33757.695	21.331	22955.232	34.227
1.015	14.739			
8/12/2016 10:10:00 PM	173400.000	71.713	17.957	163.456
29196.682	33734.621	21.315	22939.545	34.250
1.015	14.742			
8/12/2016 10:15:00 PM	173700.000	71.693	17.957	163.411
29184.730	33721.145	21.305	22930.379	34.264
1.015	14.744			
8/12/2016 10:20:00 PM	174000.000	71.692	17.957	163.409
29167.246	33700.555	21.291	22916.379	34.285
1.015	14.744			

8/12/2016 10:25:00 PM	174300.000	71.686	17.957	163.395
29174.586	33709.422	21.297	22922.406	34.276
1.015	14.745			
8/12/2016 10:30:00 PM	174600.000	71.686	17.957	163.395
29201.568	33740.211	21.319	22943.344	34.245
1.015	14.746			
8/12/2016 10:35:00 PM	174900.000	71.706	17.957	163.439
29177.461	33712.480	21.299	22924.488	34.273
1.015	14.743			
8/12/2016 10:40:00 PM	175200.000	71.686	17.957	163.395
29179.576	33715.125	21.301	22926.287	34.271
1.015	14.740			
8/12/2016 10:45:00 PM	175500.000	71.691	17.957	163.405
29191.154	33728.434	21.310	22935.338	34.257
1.015	14.737			
8/12/2016 10:50:00 PM	175800.000	71.686	17.957	163.393
29171.340	33705.148	21.294	22919.502	34.280
1.015	14.738			
8/12/2016 10:55:00 PM	176100.000	71.682	17.957	163.386
29225.809	33768.406	21.338	22962.518	34.216
1.015	14.739			
8/12/2016 11:00:00 PM	176400.000	71.677	17.957	163.374
29183.834	33719.977	21.304	22929.584	34.266
1.015	14.739			
8/12/2016 11:05:00 PM	176700.000	71.679	17.957	163.378
29195.408	33733.418	21.314	22938.727	34.252
1.015	14.739			
8/12/2016 11:10:00 PM	177000.000	71.690	17.956	163.403
29196.211	33734.664	21.315	22939.574	34.251
1.015	14.739			
8/12/2016 11:15:00 PM	177300.000	71.677	17.957	163.373
29181.773	33717.398	21.303	22927.834	34.268
1.015	14.739			
8/12/2016 11:20:00 PM	177600.000	71.677	17.957	163.375
29195.875	33733.887	21.314	22939.045	34.251
1.015	14.739			
8/12/2016 11:25:00 PM	177900.000	71.672	17.957	163.362
29166.992	33700.387	21.291	22916.266	34.285
1.015	14.738			
8/12/2016 11:30:00 PM	178200.000	71.668	17.957	163.354
29208.377	33748.402	21.324	22948.916	34.237
1.015	14.738			
8/12/2016 11:35:00 PM	178500.000	71.665	17.957	163.346
29212.346	33752.527	21.327	22951.719	34.232
1.015	14.736			
8/12/2016 11:40:00 PM	178800.000	71.684	17.957	163.389
29193.457	33731.164	21.312	22937.193	34.254
1.015	14.735			
8/12/2016 11:45:00 PM	179100.000	71.668	17.957	163.354
29183.119	33718.953	21.304	22928.891	34.266
1.015	14.733			
8/12/2016 11:50:00 PM	179400.000	71.672	17.957	163.363
29191.307	33728.355	21.310	22935.281	34.257
1.015	14.733			
8/12/2016 11:55:00 PM	179700.000	71.689	17.957	163.400
29199.393	33738.086	21.317	22941.900	34.247
1.015	14.732			
8/13/2016 12:00:00 AM	180000.000	71.662	17.957	163.340

29210.441	33750.465	21.326	22950.316	34.234
1.015	14.732			
8/13/2016 12:05:00 AM	180300.000	71.675	17.957	163.370
29206.367	33746.012	21.323	22947.291	34.239
1.015	14.733			
8/13/2016 12:10:00 AM	180600.000	71.659	17.957	163.332
29207.729	33747.652	21.324	22948.406	34.238
1.015	14.734			
8/13/2016 12:15:00 AM	180900.000	71.651	17.957	163.315
29182.803	33718.785	21.304	22928.773	34.267
1.015	14.735			
8/13/2016 12:20:00 AM	181200.000	71.650	17.957	163.313
29207.645	33747.418	21.324	22948.246	34.238
1.015	14.734			
8/13/2016 12:25:00 AM	181500.000	71.647	17.957	163.306
29185.387	33721.969	21.306	22930.941	34.264
1.015	14.733			
8/13/2016 12:30:00 AM	181800.000	71.666	17.956	163.348
29215.828	33757.273	21.330	22954.947	34.228
1.015	14.732			
8/13/2016 12:35:00 AM	182100.000	71.664	17.957	163.344
29210.258	33750.375	21.326	22950.256	34.235
1.015	14.732			
8/13/2016 12:40:00 AM	182400.000	71.641	17.958	163.291
29192.484	33729.449	21.311	22936.025	34.255
1.015	14.732			
8/13/2016 12:45:00 AM	182700.000	71.636	17.957	163.281
29212.123	33752.793	21.327	22951.902	34.232
1.015	14.731			
8/13/2016 12:50:00 AM	183000.000	71.640	17.957	163.291
29196.355	33734.246	21.314	22939.289	34.251
1.015	14.730			
8/13/2016 12:55:00 AM	183300.000	71.636	17.957	163.281
29209.389	33749.246	21.325	22949.490	34.236
1.015	14.729			
8/13/2016 1:00:00 AM	183600.000	71.638	17.956	163.285
29217.805	33759.613	21.332	22956.537	34.226
1.015	14.728			
8/13/2016 1:05:00 AM	183900.000	71.655	17.957	163.325
29192.477	33730.094	21.312	22936.467	34.255
1.015	14.729			
8/13/2016 1:10:00 AM	184200.000	71.629	17.957	163.265
29184.029	33719.879	21.304	22929.518	34.265
1.015	14.730			
8/13/2016 1:15:00 AM	184500.000	71.641	17.957	163.293
29196.512	33734.426	21.315	22939.412	34.251
1.015	14.731			
8/13/2016 1:20:00 AM	184800.000	71.618	17.957	163.240
29185.131	33721.152	21.305	22930.385	34.264
1.015	14.733			
8/13/2016 1:25:00 AM	185100.000	71.621	17.957	163.247
29200.092	33738.691	21.318	22942.313	34.246
1.015	14.735			
8/13/2016 1:30:00 AM	185400.000	71.610	17.957	163.222
29188.924	33725.727	21.308	22933.494	34.260
1.015	14.737			
8/13/2016 1:35:00 AM	185700.000	71.636	17.957	163.280
29196.756	33734.906	21.315	22939.738	34.250

1.015	14.734			
8/13/2016 1:40:00 AM	186000.000	71.634	17.957	163.275
29191.055	33728.320	21.310	22935.260	34.257
1.015	14.731			
8/13/2016 1:45:00 AM	186300.000	71.614	17.957	163.230
29217.090	33758.469	21.331	22955.762	34.227
1.015	14.728			
8/13/2016 1:50:00 AM	186600.000	71.634	17.957	163.276
29194.150	33731.828	21.313	22937.643	34.253
1.015	14.728			
8/13/2016 1:55:00 AM	186900.000	71.610	17.957	163.220
29233.777	33777.484	21.344	22968.691	34.207
1.015	14.727			
8/13/2016 2:00:00 AM	187200.000	71.612	17.957	163.225
29179.350	33714.863	21.301	22926.109	34.271
1.015	14.726			
8/13/2016 2:05:00 AM	187500.000	71.606	17.957	163.213
29201.043	33739.605	21.318	22942.932	34.245
1.015	14.727			
8/13/2016 2:10:00 AM	187800.000	71.598	17.957	163.195
29207.900	33747.781	21.324	22948.494	34.237
1.015	14.728			
8/13/2016 2:15:00 AM	188100.000	71.600	17.957	163.199
29198.354	33736.750	21.316	22940.990	34.249
1.015	14.729			
8/13/2016 2:20:00 AM	188400.000	71.615	17.957	163.233
29194.242	33731.609	21.313	22937.494	34.253
1.015	14.728			
8/13/2016 2:25:00 AM	188700.000	71.592	17.957	163.179
29192.779	33730.445	21.312	22936.705	34.255
1.015	14.726			
8/13/2016 2:30:00 AM	189000.000	71.598	17.957	163.195
29196.424	33734.266	21.314	22939.303	34.251
1.015	14.725			
8/13/2016 2:35:00 AM	189300.000	71.613	17.957	163.229
29202.912	33741.891	21.320	22944.486	34.243
1.015	14.723			
8/13/2016 2:40:00 AM	189600.000	71.615	17.957	163.232
29177.070	33711.906	21.299	22924.098	34.273
1.015	14.721			
8/13/2016 2:45:00 AM	189900.000	71.598	17.957	163.194
29188.527	33725.145	21.308	22933.098	34.260
1.015	14.719			
8/13/2016 2:50:00 AM	190200.000	71.591	17.957	163.178
29196.834	33735.129	21.315	22939.891	34.250
1.015	14.720			
8/13/2016 2:55:00 AM	190500.000	71.610	17.957	163.220
29191.666	33729.023	21.311	22935.738	34.256
1.015	14.722			
8/13/2016 3:00:00 AM	190800.000	71.586	17.957	163.167
29221.008	33762.996	21.334	22958.840	34.222
1.015	14.723			
8/13/2016 3:05:00 AM	191100.000	71.584	17.958	163.162
29191.877	33728.750	21.311	22935.553	34.256
1.015	14.723			
8/13/2016 3:10:00 AM	191400.000	71.584	17.957	163.161
29216.100	33757.125	21.330	22954.848	34.228
1.015	14.723			

8/13/2016 3:15:00 AM	191700.000	71.584	17.957	163.161
29176.791	33711.707	21.299	22923.961	34.274
1.015	14.723			
8/13/2016 3:20:00 AM	192000.000	71.580	17.957	163.153
29196.621	33734.551	21.315	22939.494	34.251
1.015	14.723			
8/13/2016 3:25:00 AM	192300.000	71.577	17.957	163.146
29218.125	33759.598	21.332	22956.527	34.225
1.015	14.723			
8/13/2016 3:30:00 AM	192600.000	71.576	17.957	163.143
29209.037	33748.965	21.325	22949.299	34.236
1.015	14.722			
8/13/2016 3:35:00 AM	192900.000	71.594	17.957	163.185
29197.676	33736.039	21.316	22940.508	34.249
1.015	14.723			
8/13/2016 3:40:00 AM	193200.000	71.595	17.957	163.188
29208.869	33749.102	21.325	22949.391	34.236
1.015	14.723			
8/13/2016 3:45:00 AM	193500.000	71.570	17.957	163.131
29207.029	33746.707	21.323	22947.764	34.238
1.015	14.723			
8/13/2016 3:50:00 AM	193800.000	71.574	17.957	163.140
29208.898	33748.680	21.324	22949.102	34.236
1.015	14.721			
8/13/2016 3:55:00 AM	194100.000	71.598	17.957	163.194
29208.279	33748.152	21.324	22948.746	34.237
1.015	14.720			
8/13/2016 4:00:00 AM	194400.000	71.596	17.957	163.190
29183.578	33719.680	21.304	22929.385	34.266
1.015	14.718			
8/13/2016 4:05:00 AM	194700.000	71.578	17.957	163.148
29193.594	33731.055	21.312	22937.119	34.254
1.015	14.718			
8/13/2016 4:10:00 AM	195000.000	71.594	17.957	163.184
29231.611	33775.313	21.343	22967.215	34.210
1.015	14.718			
8/13/2016 4:15:00 AM	195300.000	71.574	17.957	163.139
29195.334	33733.133	21.314	22938.531	34.252
1.015	14.718			
8/13/2016 4:20:00 AM	195600.000	71.570	17.957	163.131
29190.869	33727.715	21.310	22934.848	34.257
1.015	14.716			
8/13/2016 4:25:00 AM	195900.000	71.571	17.957	163.132
29192.465	33729.949	21.311	22936.367	34.255
1.015	14.714			
8/13/2016 4:30:00 AM	196200.000	71.600	17.957	163.198
29207.244	33747.023	21.323	22947.977	34.238
1.015	14.712			
8/13/2016 4:35:00 AM	196500.000	71.577	17.957	163.146
29199.227	33737.563	21.317	22941.543	34.247
1.015	14.713			
8/13/2016 4:40:00 AM	196800.000	71.580	17.957	163.152
29198.186	33736.492	21.316	22940.814	34.249
1.015	14.714			
8/13/2016 4:45:00 AM	197100.000	71.591	17.957	163.178
29217.787	33759.008	21.332	22956.125	34.226
1.015	14.716			
8/13/2016 4:50:00 AM	197400.000	71.593	17.957	163.181

29185.410	33721.543	21.306	22930.650	34.264
1.015	14.715			
8/13/2016 4:55:00 AM	197700.000	71.575	17.957	163.142
29190.605	33728.000	21.310	22935.041	34.258
1.015	14.714			
8/13/2016 5:00:00 AM	198000.000	71.577	17.957	163.147
29193.639	33731.305	21.312	22937.289	34.254
1.015	14.713			
8/13/2016 5:05:00 AM	198300.000	71.579	17.957	163.150
29193.111	33730.566	21.312	22936.787	34.255
1.015	14.714			
8/13/2016 5:10:00 AM	198600.000	71.592	17.957	163.179
29198.186	33736.559	21.316	22940.861	34.249
1.015	14.715			
8/13/2016 5:15:00 AM	198900.000	71.576	17.957	163.144
29194.676	33732.504	21.313	22938.105	34.253
1.015	14.716			
8/13/2016 5:20:00 AM	199200.000	71.591	17.957	163.178
29199.969	33738.363	21.317	22942.090	34.247
1.015	14.717			
8/13/2016 5:25:00 AM	199500.000	71.574	17.957	163.140
29209.709	33749.676	21.325	22949.779	34.235
1.015	14.717			
8/13/2016 5:30:00 AM	199800.000	71.571	17.957	163.132
29216.223	33757.008	21.330	22954.768	34.228
1.015	14.717			
8/13/2016 5:35:00 AM	200100.000	71.578	17.957	163.147
29208.910	33748.883	21.325	22949.242	34.236
1.015	14.717			
8/13/2016 5:40:00 AM	200400.000	71.594	17.957	163.184
29190.143	33727.266	21.310	22934.541	34.258
1.015	14.717			
8/13/2016 5:45:00 AM	200700.000	71.602	17.957	163.203
29182.473	33718.336	21.303	22928.471	34.267
1.015	14.716			
8/13/2016 5:50:00 AM	201000.000	71.580	17.957	163.153
29185.152	33721.633	21.306	22930.711	34.264
1.015	14.718			
8/13/2016 5:55:00 AM	201300.000	71.579	17.957	163.151
29210.783	33751.246	21.326	22950.850	34.234
1.015	14.719			
8/13/2016 6:00:00 AM	201600.000	71.579	17.957	163.150
29187.064	33723.906	21.307	22932.256	34.262
1.015	14.720			
8/13/2016 6:05:00 AM	201900.000	71.598	17.957	163.194
29192.477	33729.961	21.311	22936.375	34.255
1.015	14.719			
8/13/2016 6:10:00 AM	202200.000	71.602	17.957	163.203
29203.691	33743.121	21.321	22945.324	34.242
1.015	14.717			
8/13/2016 6:15:00 AM	202500.000	71.587	17.957	163.168
29207.541	33747.301	21.323	22948.166	34.238
1.015	14.716			
8/13/2016 6:20:00 AM	202800.000	71.592	17.957	163.181
29210.709	33751.098	21.326	22950.746	34.234
1.015	14.716			
8/13/2016 6:25:00 AM	203100.000	71.587	17.957	163.170
29177.268	33712.191	21.299	22924.291	34.273

1.015	14.715			
8/13/2016 6:30:00 AM	203400.000	71.590	17.957	163.176
29186.816	33723.168	21.307	22931.756	34.262
1.015	14.715			
8/13/2016 6:35:00 AM	203700.000	71.612	17.956	163.227
29195.684	33734.055	21.314	22939.160	34.252
1.015	14.716			
8/13/2016 6:40:00 AM	204000.000	71.608	17.957	163.216
29191.496	33728.898	21.311	22935.652	34.257
1.015	14.717			
8/13/2016 6:45:00 AM	204300.000	71.611	17.956	163.223
29197.334	33735.902	21.316	22940.414	34.250
1.015	14.717			
8/13/2016 6:50:00 AM	204600.000	71.597	17.957	163.191
29202.186	33740.980	21.319	22943.869	34.244
1.015	14.720			
8/13/2016 6:55:00 AM	204900.000	71.593	17.957	163.182
29178.869	33714.500	21.301	22925.861	34.271
1.015	14.722			
8/13/2016 7:00:00 AM	205200.000	71.613	17.957	163.229
29159.471	33691.957	21.285	22910.531	34.294
1.015	14.724			
8/13/2016 7:05:00 AM	205500.000	71.592	17.957	163.181
29190.832	33728.133	21.310	22935.131	34.257
1.015	14.723			
8/13/2016 7:10:00 AM	205800.000	71.617	17.958	163.238
29183.219	33718.746	21.304	22928.750	34.266
1.015	14.723			
8/13/2016 7:15:00 AM	206100.000	71.598	17.956	163.193
29178.109	33713.691	21.300	22925.313	34.272
1.015	14.722			
8/13/2016 7:20:00 AM	206400.000	71.600	17.957	163.199
29207.393	33746.750	21.323	22947.793	34.238
1.015	14.724			
8/13/2016 7:25:00 AM	206700.000	71.597	17.957	163.191
29208.594	33748.582	21.324	22949.035	34.236
1.015	14.727			
8/13/2016 7:30:00 AM	207000.000	71.597	17.957	163.192
29211.896	33752.398	21.327	22951.631	34.233
1.015	14.730			
8/13/2016 7:35:00 AM	207300.000	71.616	17.957	163.234
29191.455	33728.980	21.311	22935.709	34.257
1.015	14.731			
8/13/2016 7:40:00 AM	207600.000	71.595	17.957	163.187
29215.197	33756.285	21.330	22954.275	34.229
1.015	14.732			
8/13/2016 7:45:00 AM	207900.000	71.603	17.957	163.205
29192.066	33729.559	21.311	22936.100	34.256
1.015	14.733			
8/13/2016 7:50:00 AM	208200.000	71.604	17.957	163.207
29199.957	33738.473	21.317	22942.164	34.247
1.015	14.732			
8/13/2016 7:55:00 AM	208500.000	71.620	17.957	163.243
29191.658	33729.016	21.311	22935.732	34.256
1.015	14.731			
8/13/2016 8:00:00 AM	208800.000	71.605	17.957	163.209
29176.547	33711.688	21.299	22923.949	34.274
1.015	14.730			

8/13/2016 8:05:00 AM	209100.000	71.625	17.957	163.255
29207.227	33747.074	21.323	22948.012	34.238
1.015	14.731			
8/13/2016 8:10:00 AM	209400.000	71.606	17.957	163.211
29191.117	33728.262	21.310	22935.221	34.257
1.015	14.732			
8/13/2016 8:15:00 AM	209700.000	71.624	17.957	163.253
29190.152	33727.145	21.309	22934.459	34.258
1.015	14.732			
8/13/2016 8:20:00 AM	210000.000	71.608	17.957	163.216
29201.123	33740.023	21.318	22943.219	34.245
1.015	14.732			
8/13/2016 8:25:00 AM	210300.000	71.612	17.957	163.225
29180.752	33716.484	21.302	22927.209	34.269
1.015	14.732			
8/13/2016 8:30:00 AM	210600.000	71.612	17.957	163.227
29187.037	33723.422	21.307	22931.928	34.262
1.015	14.731			
8/13/2016 8:35:00 AM	210900.000	71.635	17.957	163.279
29196.102	33734.352	21.314	22939.359	34.251
1.015	14.731			
8/13/2016 8:40:00 AM	211200.000	71.638	17.957	163.286
29204.707	33743.836	21.321	22945.811	34.241
1.015	14.731			
8/13/2016 8:45:00 AM	211500.000	71.612	17.957	163.226
29191.553	33728.766	21.311	22935.563	34.256
1.015	14.730			
8/13/2016 8:50:00 AM	211800.000	71.615	17.957	163.233
29206.832	33746.418	21.323	22947.564	34.239
1.015	14.731			
8/13/2016 8:55:00 AM	212100.000	71.617	17.957	163.236
29215.398	33756.445	21.330	22954.385	34.229
1.015	14.732			
8/13/2016 9:00:00 AM	212400.000	71.617	17.957	163.236
29197.012	33735.070	21.315	22939.848	34.250
1.015	14.733			
8/13/2016 9:05:00 AM	212700.000	71.620	17.957	163.243
29211.438	33751.871	21.327	22951.275	34.233
1.015	14.734			
8/13/2016 9:10:00 AM	213000.000	71.619	17.957	163.243
29209.291	33749.391	21.325	22949.586	34.236
1.015	14.734			
8/13/2016 9:15:00 AM	213300.000	71.626	17.957	163.257
29195.293	33733.215	21.314	22938.588	34.252
1.015	14.734			
8/13/2016 9:20:00 AM	213600.000	71.624	17.957	163.253
29184.684	33721.027	21.305	22930.299	34.265
1.015	14.732			
8/13/2016 9:25:00 AM	213900.000	71.623	17.957	163.251
29195.604	33733.707	21.314	22938.924	34.252
1.015	14.731			
8/13/2016 9:30:00 AM	214200.000	71.624	17.957	163.254
29203.500	33742.566	21.320	22944.945	34.242
1.015	14.730			
8/13/2016 9:35:00 AM	214500.000	71.642	17.957	163.295
29208.383	33748.539	21.324	22949.008	34.237
1.015	14.730			
8/13/2016 9:40:00 AM	214800.000	71.624	17.957	163.253

29205.619	33745.215	21.322	22946.746	34.240
1.015	14.731			
8/13/2016 9:45:00 AM	215100.000	71.625	17.957	163.256
29191.703	33729.199	21.311	22935.855	34.256
1.015	14.731			
8/13/2016 9:50:00 AM	215400.000	71.632	17.956	163.272
29195.256	33733.563	21.314	22938.824	34.252
1.015	14.730			
8/13/2016 9:55:00 AM	215700.000	71.629	17.957	163.265
29216.303	33757.625	21.331	22955.188	34.227
1.015	14.729			
8/13/2016 10:00:00 AM	216000.000	71.650	17.957	163.313
29204.814	33744.285	21.321	22946.113	34.241
1.015	14.728			
8/13/2016 10:05:00 AM	216300.000	71.632	17.957	163.270
29199.197	33737.527	21.317	22941.521	34.248
1.015	14.728			
8/13/2016 10:10:00 AM	216600.000	71.651	17.957	163.314
29179.033	33714.297	21.301	22925.725	34.271
1.015	14.728			
8/13/2016 10:15:00 AM	216900.000	71.634	17.957	163.277
29201.076	33740.160	21.319	22943.311	34.245
1.015	14.728			
8/13/2016 10:20:00 AM	217200.000	71.628	17.957	163.263
29207.480	33747.297	21.323	22948.164	34.238
1.015	14.728			
8/13/2016 10:25:00 AM	217500.000	71.654	17.957	163.323
29214.523	33755.305	21.329	22953.607	34.230
1.015	14.727			
8/13/2016 10:30:00 AM	217800.000	71.632	17.957	163.271
29187.301	33724.051	21.307	22932.355	34.261
1.015	14.727			
8/13/2016 10:35:00 AM	218100.000	71.631	17.957	163.270
29206.793	33746.504	21.323	22947.625	34.239
1.015	14.728			
8/13/2016 10:40:00 AM	218400.000	71.651	17.956	163.316
29201.889	33741.223	21.319	22944.033	34.244
1.015	14.728			
8/13/2016 10:45:00 AM	218700.000	71.655	17.957	163.324
29203.930	33743.328	21.321	22945.463	34.242
1.015	14.728			
8/13/2016 10:50:00 AM	219000.000	71.633	17.957	163.273
29207.271	33747.125	21.323	22948.045	34.238
1.015	14.729			
8/13/2016 10:55:00 AM	219300.000	71.634	17.957	163.275
29191.164	33728.316	21.310	22935.258	34.257
1.015	14.729			
8/13/2016 11:00:00 AM	219600.000	71.633	17.957	163.273
29175.285	33710.168	21.298	22922.914	34.276
1.015	14.730			
8/13/2016 11:05:00 AM	219900.000	71.630	17.957	163.267
29169.279	33703.289	21.293	22918.238	34.283
1.015	14.730			
8/13/2016 11:10:00 AM	220200.000	71.632	17.957	163.272
29187.426	33724.125	21.307	22932.406	34.261
1.015	14.730			
8/13/2016 11:15:00 AM	220500.000	71.632	17.957	163.272
29169.018	33702.727	21.292	22917.854	34.283

1.015	14.730			
8/13/2016 11:20:00 AM	220800.000	71.633	17.957	163.273
29199.273	33737.816	21.317	22941.715	34.247
1.015	14.729			
8/13/2016 11:25:00 AM	221100.000	71.652	17.957	163.317
29177.107	33712.336	21.299	22924.389	34.273
1.015	14.728			
8/13/2016 11:30:00 AM	221400.000	71.655	17.957	163.323
29204.221	33743.332	21.321	22945.467	34.242
1.015	14.727			
8/13/2016 11:35:00 AM	221700.000	71.656	17.957	163.325
29201.623	33740.531	21.319	22943.563	34.245
1.015	14.726			
8/13/2016 11:40:00 AM	222000.000	71.658	17.957	163.331
29192.867	33730.156	21.312	22936.506	34.255
1.015	14.724			
8/13/2016 11:45:00 AM	222300.000	71.639	17.957	163.288
29214.285	33755.293	21.329	22953.600	34.230
1.015	14.722			
8/13/2016 11:50:00 AM	222600.000	71.639	17.957	163.288
29182.947	33719.082	21.304	22928.979	34.267
1.015	14.723			
8/13/2016 11:55:00 AM	222900.000	71.638	17.957	163.285
29175.707	33710.719	21.298	22923.291	34.275
1.015	14.723			
8/13/2016 12:00:00 PM	223200.000	71.656	17.957	163.327
29171.695	33705.820	21.295	22919.961	34.280
1.015	14.724			
8/13/2016 12:05:00 PM	223500.000	71.642	17.957	163.294
29209.154	33749.430	21.325	22949.613	34.236
1.015	14.723			
8/13/2016 12:10:00 PM	223800.000	71.642	17.957	163.295
29216.148	33756.922	21.330	22954.709	34.228
1.015	14.722			
8/13/2016 12:15:00 PM	224100.000	71.644	17.957	163.299
29187.566	33724.223	21.307	22932.473	34.261
1.015	14.721			
8/13/2016 12:20:00 PM	224400.000	71.642	17.957	163.295
29183.879	33720.098	21.305	22929.666	34.265
1.015	14.721			
8/13/2016 12:25:00 PM	224700.000	71.662	17.957	163.341
29223.844	33766.137	21.337	22960.975	34.219
1.015	14.722			
8/13/2016 12:30:00 PM	225000.000	71.648	17.957	163.308
29212.656	33753.148	21.328	22952.141	34.232
1.015	14.723			
8/13/2016 12:35:00 PM	225300.000	71.651	17.957	163.315
29191.547	33729.148	21.311	22935.822	34.256
1.015	14.722			
8/13/2016 12:40:00 PM	225600.000	71.651	17.957	163.315
29190.887	33728.258	21.310	22935.215	34.257
1.015	14.722			
8/13/2016 12:45:00 PM	225900.000	71.659	17.957	163.333
29206.563	33746.238	21.323	22947.443	34.239
1.015	14.721			
8/13/2016 12:50:00 PM	226200.000	71.654	17.957	163.322
29218.207	33759.563	21.332	22956.502	34.225
1.015	14.722			

8/13/2016 12:55:00 PM	226500.000	71.659	17.957	163.334
29207.293	33746.949	21.323	22947.928	34.238
1.015	14.723			
8/13/2016 1:00:00 PM	226800.000	71.679	17.957	163.379
29178.775	33714.000	21.300	22925.520	34.271
1.015	14.723			
8/13/2016 1:05:00 PM	227100.000	71.662	17.957	163.339
29218.385	33759.766	21.332	22956.643	34.225
1.015	14.721			
8/13/2016 1:10:00 PM	227400.000	71.666	17.957	163.350
29183.621	33719.340	21.304	22929.152	34.266
1.015	14.719			
8/13/2016 1:15:00 PM	227700.000	71.672	17.957	163.362
29198.727	33737.383	21.317	22941.422	34.248
1.015	14.717			
8/13/2016 1:20:00 PM	228000.000	71.690	17.957	163.403
29207.115	33747.008	21.323	22947.965	34.238
1.015	14.717			
8/13/2016 1:25:00 PM	228300.000	71.696	17.957	163.417
29198.232	33736.543	21.316	22940.852	34.249
1.015	14.717			
8/13/2016 1:30:00 PM	228600.000	71.694	17.956	163.413
29206.324	33746.617	21.323	22947.701	34.239
1.015	14.717			
8/13/2016 1:35:00 PM	228900.000	71.676	17.957	163.373
29197.563	33735.906	21.316	22940.416	34.249
1.015	14.716			
8/13/2016 1:40:00 PM	229200.000	71.679	17.957	163.378
29214.666	33755.531	21.329	22953.762	34.229
1.015	14.715			
8/13/2016 1:45:00 PM	229500.000	71.686	17.957	163.394
29167.207	33700.695	21.291	22916.473	34.285
1.015	14.714			
8/13/2016 1:50:00 PM	229800.000	71.684	17.957	163.390
29185.332	33721.449	21.306	22930.588	34.264
1.015	14.714			
8/13/2016 1:55:00 PM	230100.000	71.685	17.957	163.392
29173.977	33708.586	21.297	22921.838	34.277
1.015	14.715			
8/13/2016 2:00:00 PM	230400.000	71.686	17.957	163.394
29200.393	33739.109	21.318	22942.594	34.246
1.015	14.716			
8/13/2016 2:05:00 PM	230700.000	71.689	17.957	163.401
29180.955	33716.520	21.302	22927.234	34.269
1.015	14.716			
8/13/2016 2:10:00 PM	231000.000	71.692	17.957	163.408
29183.145	33719.113	21.304	22928.998	34.266
1.015	14.717			
8/13/2016 2:15:00 PM	231300.000	71.687	17.957	163.396
29188.068	33725.129	21.308	22933.088	34.261
1.015	14.718			
8/13/2016 2:20:00 PM	231600.000	71.689	17.957	163.402
29213.689	33754.473	21.328	22953.043	34.231
1.015	14.717			
8/13/2016 2:25:00 PM	231900.000	71.689	17.957	163.402
29198.814	33737.355	21.317	22941.404	34.248
1.015	14.717			
8/13/2016 2:30:00 PM	232200.000	71.694	17.957	163.413

29199.611	33738.469	21.317	22942.160	34.247
1.015	14.717			
8/13/2016 2:35:00 PM	232500.000	71.713	17.957	163.456
29203.219	33742.117	21.320	22944.641	34.243
1.015	14.716			
8/13/2016 2:40:00 PM	232800.000	71.693	17.957	163.410
29168.262	33702.246	21.292	22917.527	34.284
1.015	14.715			
8/13/2016 2:45:00 PM	233100.000	71.720	17.957	163.473
29203.967	33743.109	21.321	22945.316	34.242
1.015	14.714			
8/13/2016 2:50:00 PM	233400.000	71.704	17.957	163.436
29208.607	33748.344	21.324	22948.873	34.236
1.015	14.713			
8/13/2016 2:55:00 PM	233700.000	71.724	17.957	163.480
29190.646	33727.848	21.310	22934.938	34.258
1.015	14.712			
8/13/2016 3:00:00 PM	234000.000	71.708	17.957	163.445
29210.521	33750.742	21.326	22950.506	34.234
1.015	14.711			
8/13/2016 3:05:00 PM	234300.000	71.705	17.957	163.439
29196.354	33734.441	21.315	22939.420	34.251
1.015	14.712			
8/13/2016 3:10:00 PM	234600.000	71.706	17.957	163.439
29201.223	33740.000	21.318	22943.203	34.245
1.015	14.713			
8/13/2016 3:15:00 PM	234900.000	71.724	17.957	163.482
29213.912	33754.598	21.329	22953.129	34.230
1.015	14.713			
8/13/2016 3:20:00 PM	235200.000	71.710	17.957	163.450
29183.674	33719.789	21.304	22929.459	34.266
1.015	14.712			
8/13/2016 3:25:00 PM	235500.000	71.712	17.957	163.454
29190.947	33728.395	21.310	22935.311	34.257
1.015	14.711			
8/13/2016 3:30:00 PM	235800.000	71.713	17.957	163.457
29212.043	33752.371	21.327	22951.615	34.232
1.015	14.710			
8/13/2016 3:35:00 PM	236100.000	71.721	17.957	163.473
29219.799	33761.531	21.333	22957.844	34.223
1.015	14.709			
8/13/2016 3:40:00 PM	236400.000	71.721	17.956	163.473
29193.426	33731.387	21.312	22937.346	34.254
1.015	14.707			
8/13/2016 3:45:00 PM	236700.000	71.721	17.957	163.474
29190.791	33727.691	21.310	22934.832	34.257
1.015	14.706			
8/13/2016 3:50:00 PM	237000.000	71.724	17.957	163.482
29184.678	33720.883	21.305	22930.203	34.265
1.015	14.706			
8/13/2016 3:55:00 PM	237300.000	71.729	17.957	163.492
29183.975	33720.070	21.305	22929.648	34.265
1.015	14.706			
8/13/2016 4:00:00 PM	237600.000	71.746	17.957	163.530
29185.789	33722.434	21.306	22931.258	34.263
1.015	14.706			
8/13/2016 4:05:00 PM	237900.000	71.750	17.957	163.540
29190.820	33728.117	21.310	22935.119	34.257

1.015	14.705			
8/13/2016 4:10:00 PM	238200.000	71.749	17.957	163.538
29213.316	33753.594	21.328	22952.443	34.231
1.015	14.704			
8/13/2016 4:15:00 PM	238500.000	71.757	17.957	163.556
29180.994	33716.695	21.302	22927.355	34.269
1.015	14.703			
8/13/2016 4:20:00 PM	238800.000	71.733	17.957	163.501
29210.057	33750.145	21.325	22950.098	34.235
1.015	14.701			
8/13/2016 4:25:00 PM	239100.000	71.739	17.957	163.516
29175.588	33710.449	21.298	22923.107	34.275
1.015	14.700			
8/13/2016 4:30:00 PM	239400.000	71.743	17.957	163.525
29189.691	33726.875	21.309	22934.277	34.259
1.015	14.699			
8/13/2016 4:35:00 PM	239700.000	71.744	17.957	163.526
29195.148	33733.047	21.314	22938.475	34.252
1.015	14.698			
8/13/2016 4:40:00 PM	240000.000	71.748	17.957	163.535
29196.615	33734.547	21.315	22939.494	34.251
1.015	14.697			
8/13/2016 4:45:00 PM	240300.000	71.749	17.957	163.539
29203.982	33743.457	21.321	22945.551	34.242
1.015	14.697			
8/13/2016 4:50:00 PM	240600.000	71.754	17.957	163.550
29191.359	33728.805	21.311	22935.588	34.257
1.015	14.697			
8/13/2016 4:55:00 PM	240900.000	71.755	17.957	163.551
29200.801	33739.648	21.318	22942.963	34.246
1.015	14.697			
8/13/2016 5:00:00 PM	241200.000	71.759	17.957	163.561
29173.568	33707.859	21.296	22921.346	34.278
1.015	14.697			
8/13/2016 5:05:00 PM	241500.000	71.761	17.957	163.565
29211.006	33751.570	21.326	22951.068	34.234
1.015	14.696			
8/13/2016 5:10:00 PM	241800.000	71.756	17.957	163.554
29202.381	33741.082	21.319	22943.938	34.244
1.015	14.695			
8/13/2016 5:15:00 PM	242100.000	71.766	17.957	163.577
29185.539	33722.016	21.306	22930.971	34.264
1.015	14.694			
8/13/2016 5:20:00 PM	242400.000	71.765	17.957	163.576
29187.793	33724.293	21.307	22932.520	34.261
1.015	14.694			
8/13/2016 5:25:00 PM	242700.000	71.767	17.956	163.580
29202.631	33742.152	21.320	22944.666	34.243
1.015	14.694			
8/13/2016 5:30:00 PM	243000.000	71.768	17.957	163.582
29175.504	33710.613	21.298	22923.219	34.275
1.015	14.695			
8/13/2016 5:35:00 PM	243300.000	71.773	17.957	163.593
29197.172	33735.586	21.315	22940.201	34.250
1.015	14.693			
8/13/2016 5:40:00 PM	243600.000	71.771	17.957	163.589
29204.676	33744.188	21.321	22946.049	34.241
1.015	14.692			

8/13/2016 5:45:00 PM	243900.000	71.780	17.957	163.608
29209.627	33749.648	21.325	22949.762	34.235
1.015	14.690			
8/13/2016 5:50:00 PM	244200.000	71.783	17.957	163.617
29197.309	33735.543	21.315	22940.170	34.250
1.015	14.690			
8/13/2016 5:55:00 PM	244500.000	71.802	17.957	163.658
29205.227	33744.496	21.322	22946.258	34.240
1.015	14.689			
8/13/2016 6:00:00 PM	244800.000	71.786	17.957	163.622
29199.609	33737.949	21.317	22941.807	34.247
1.015	14.689			
8/13/2016 6:05:00 PM	245100.000	71.783	17.957	163.615
29190.996	33728.449	21.310	22935.346	34.257
1.015	14.689			
8/13/2016 6:10:00 PM	245400.000	71.790	17.957	163.633
29198.723	33737.313	21.317	22941.373	34.248
1.015	14.689			
8/13/2016 6:15:00 PM	245700.000	71.812	17.957	163.682
29187.658	33724.594	21.308	22932.727	34.261
1.015	14.689			
8/13/2016 6:20:00 PM	246000.000	71.791	17.957	163.633
29194.307	33732.277	21.313	22937.949	34.253
1.015	14.689			
8/13/2016 6:25:00 PM	246300.000	71.802	17.957	163.658
29207.422	33747.164	21.323	22948.072	34.238
1.015	14.689			
8/13/2016 6:30:00 PM	246600.000	71.821	17.957	163.702
29226.631	33769.688	21.339	22963.391	34.215
1.015	14.689			
8/13/2016 6:35:00 PM	246900.000	71.819	17.957	163.698
29204.504	33743.992	21.321	22945.916	34.241
1.015	14.689			
8/13/2016 6:40:00 PM	247200.000	71.802	17.957	163.660
29207.697	33747.746	21.324	22948.467	34.238
1.015	14.690			
8/13/2016 6:45:00 PM	247500.000	71.806	17.957	163.667
29204.137	33743.367	21.321	22945.492	34.242
1.015	14.690			
8/13/2016 6:50:00 PM	247800.000	71.802	17.957	163.659
29217.367	33758.789	21.331	22955.979	34.226
1.015	14.691			
8/13/2016 6:55:00 PM	248100.000	71.806	17.957	163.668
29194.955	33732.758	21.313	22938.275	34.252
1.015	14.692			
8/13/2016 7:00:00 PM	248400.000	71.807	17.957	163.671
29188.320	33725.094	21.308	22933.064	34.260
1.015	14.693			
8/13/2016 7:05:00 PM	248700.000	71.810	17.957	163.678
29195.641	33733.617	21.314	22938.859	34.252
1.015	14.694			
8/13/2016 7:10:00 PM	249000.000	71.826	17.957	163.715
29188.295	33725.262	21.308	22933.178	34.260
1.015	14.694			
8/13/2016 7:15:00 PM	249300.000	71.833	17.957	163.729
29181.678	33717.160	21.303	22927.672	34.268
1.015	14.695			
8/13/2016 7:20:00 PM	249600.000	71.834	17.957	163.731

29198.383	33736.785	21.316	22941.016	34.248
1.015	14.693			
8/13/2016 7:25:00 PM	249900.000	71.844	17.957	163.754
29184.355	33720.512	21.305	22929.949	34.265
1.015	14.692			
8/13/2016 7:30:00 PM	250200.000	71.822	17.957	163.704
29210.133	33750.496	21.326	22950.338	34.235
1.015	14.690			
8/13/2016 7:35:00 PM	250500.000	71.825	17.957	163.710
29189.516	33726.473	21.309	22934.004	34.259
1.015	14.689			
8/13/2016 7:40:00 PM	250800.000	71.846	17.956	163.759
29187.672	33724.797	21.308	22932.863	34.261
1.015	14.688			
8/13/2016 7:45:00 PM	251100.000	71.850	17.957	163.769
29187.354	33724.043	21.307	22932.350	34.261
1.015	14.687			
8/13/2016 7:50:00 PM	251400.000	71.850	17.957	163.768
29184.063	33720.043	21.305	22929.631	34.265
1.015	14.688			
8/13/2016 7:55:00 PM	251700.000	71.839	17.957	163.744
29178.352	33713.773	21.300	22925.365	34.272
1.015	14.688			
8/13/2016 8:00:00 PM	252000.000	71.838	17.956	163.741
29208.930	33749.555	21.325	22949.697	34.236
1.015	14.688			
8/13/2016 8:05:00 PM	252300.000	71.838	17.957	163.742
29209.539	33749.938	21.325	22949.959	34.235
1.015	14.687			
8/13/2016 8:10:00 PM	252600.000	71.843	17.957	163.752
29205.072	33744.449	21.322	22946.229	34.241
1.015	14.687			
8/13/2016 8:15:00 PM	252900.000	71.862	17.957	163.795
29215.588	33756.734	21.330	22954.580	34.228
1.015	14.686			
8/13/2016 8:20:00 PM	253200.000	71.848	17.957	163.763
29191.910	33729.570	21.311	22936.107	34.256
1.015	14.687			
8/13/2016 8:25:00 PM	253500.000	71.863	17.957	163.799
29209.949	33750.148	21.325	22950.102	34.235
1.015	14.687			
8/13/2016 8:30:00 PM	253800.000	71.868	17.957	163.809
29195.764	33734.023	21.314	22939.139	34.252
1.015	14.688			
8/13/2016 8:35:00 PM	254100.000	71.847	17.957	163.762
29189.791	33727.121	21.309	22934.445	34.259
1.015	14.689			
8/13/2016 8:40:00 PM	254400.000	71.845	17.957	163.757
29197.053	33735.320	21.315	22940.020	34.250
1.015	14.690			
8/13/2016 8:45:00 PM	254700.000	71.843	17.957	163.753
29184.174	33720.438	21.305	22929.898	34.265
1.015	14.692			
8/13/2016 8:50:00 PM	255000.000	71.845	17.956	163.757
29207.838	33748.039	21.324	22948.668	34.237
1.015	14.692			
8/13/2016 8:55:00 PM	255300.000	71.850	17.957	163.769
29216.334	33757.398	21.331	22955.033	34.227

1.015	14.691			
8/13/2016 9:00:00 PM	255600.000	71.848	17.957	163.763
29213.396	33754.332	21.328	22952.945	34.231
1.015	14.691			
8/13/2016 9:05:00 PM	255900.000	71.852	17.956	163.773
29194.348	33732.512	21.313	22938.109	34.253
1.015	14.692			
8/13/2016 9:10:00 PM	256200.000	71.871	17.957	163.815
29185.178	33721.598	21.306	22930.689	34.264
1.015	14.693			
8/13/2016 9:15:00 PM	256500.000	71.850	17.957	163.769
29194.930	33732.797	21.313	22938.303	34.253
1.015	14.693			
8/13/2016 9:20:00 PM	256800.000	71.849	17.957	163.765
29191.326	33728.434	21.310	22935.338	34.257
1.015	14.693			
8/13/2016 9:25:00 PM	257100.000	71.853	17.957	163.775
29181.348	33717.102	21.302	22927.629	34.268
1.015	14.693			
8/13/2016 9:30:00 PM	257400.000	71.871	17.957	163.815
29195.049	33732.734	21.313	22938.262	34.252
1.015	14.693			
8/13/2016 9:35:00 PM	257700.000	71.853	17.957	163.775
29220.203	33761.930	21.334	22958.115	34.223
1.015	14.693			
8/13/2016 9:40:00 PM	258000.000	71.854	17.957	163.777
29194.811	33732.727	21.313	22938.256	34.253
1.015	14.692			
8/13/2016 9:45:00 PM	258300.000	71.854	17.957	163.777
29222.822	33765.285	21.336	22960.396	34.220
1.015	14.692			
8/13/2016 9:50:00 PM	258600.000	71.868	17.957	163.810
29204.695	33744.211	21.321	22946.066	34.241
1.015	14.693			
8/13/2016 9:55:00 PM	258900.000	71.868	17.957	163.810
29193.160	33730.684	21.312	22936.867	34.255
1.015	14.695			
8/13/2016 10:00:00 PM	259200.000	71.867	17.957	163.807
29202.322	33741.539	21.319	22944.246	34.244
1.015	14.696			
8/13/2016 10:05:00 PM	259500.000	71.848	17.957	163.763
29217.422	33758.918	21.332	22956.066	34.226
1.015	14.697			
8/13/2016 10:10:00 PM	259800.000	71.844	17.957	163.754
29231.629	33775.398	21.343	22967.271	34.210
1.015	14.697			
8/13/2016 10:15:00 PM	260100.000	71.850	17.957	163.769
29203.316	33742.484	21.320	22944.889	34.243
1.015	14.697			
8/13/2016 10:20:00 PM	260400.000	71.844	17.957	163.754
29197.691	33735.789	21.315	22940.336	34.249
1.015	14.697			
8/13/2016 10:25:00 PM	260700.000	71.868	17.957	163.809
29181.996	33718.113	21.303	22928.318	34.268
1.015	14.697			
8/13/2016 10:30:00 PM	261000.000	71.844	17.957	163.755
29210.361	33750.824	21.326	22950.563	34.234
1.015	14.698			

8/13/2016 10:35:00 PM	261300.000	71.842	17.956	163.750
29196.455	33735.082	21.315	22939.857	34.251
1.015	14.697			
8/13/2016 10:40:00 PM	261600.000	71.842	17.957	163.749
29222.107	33764.199	21.335	22959.658	34.221
1.015	14.697			
8/13/2016 10:45:00 PM	261900.000	71.844	17.957	163.754
29200.033	33738.563	21.317	22942.225	34.247
1.015	14.697			
8/13/2016 10:50:00 PM	262200.000	71.846	17.957	163.758
29188.869	33725.992	21.309	22933.678	34.260
1.015	14.696			
8/13/2016 10:55:00 PM	262500.000	71.844	17.957	163.755
29219.869	33761.543	21.333	22957.852	34.223
1.015	14.695			
8/13/2016 11:00:00 PM	262800.000	71.856	17.957	163.782
29195.855	33733.934	21.314	22939.076	34.251
1.015	14.695			
8/13/2016 11:05:00 PM	263100.000	71.838	17.957	163.741
29205.229	33744.441	21.322	22946.223	34.240
1.015	14.695			
8/13/2016 11:10:00 PM	263400.000	71.858	17.957	163.787
29191.713	33729.340	21.311	22935.953	34.256
1.015	14.696			
8/13/2016 11:15:00 PM	263700.000	71.836	17.957	163.737
29208.355	33748.508	21.324	22948.988	34.237
1.015	14.697			
8/13/2016 11:20:00 PM	264000.000	71.831	17.957	163.724
29177.561	33712.859	21.300	22924.746	34.273
1.015	14.696			
8/13/2016 11:25:00 PM	264300.000	71.826	17.957	163.713
29203.250	33742.211	21.320	22944.703	34.243
1.015	14.694			
8/13/2016 11:30:00 PM	264600.000	71.834	17.957	163.731
29216.404	33757.871	21.331	22955.355	34.227
1.015	14.693			
8/13/2016 11:35:00 PM	264900.000	71.830	17.957	163.723
29193.885	33731.789	21.313	22937.619	34.254
1.015	14.692			
8/13/2016 11:40:00 PM	265200.000	71.828	17.956	163.718
29210.252	33751.023	21.326	22950.697	34.235
1.015	14.692			
8/13/2016 11:45:00 PM	265500.000	71.846	17.957	163.759
29184.639	33721.105	21.305	22930.354	34.265
1.015	14.692			
8/13/2016 11:50:00 PM	265800.000	71.826	17.957	163.713
29204.711	33743.898	21.321	22945.852	34.241
1.015	14.693			
8/13/2016 11:55:00 PM	266100.000	71.819	17.957	163.698
29184.533	33720.914	21.305	22930.223	34.265
1.015	14.693			
8/14/2016 12:00:00 AM	266400.000	71.817	17.957	163.693
29204.797	33744.195	21.321	22946.055	34.241
1.015	14.694			
8/14/2016 12:05:00 AM	266700.000	71.838	17.957	163.741
29209.305	33749.605	21.325	22949.734	34.236
1.015	14.694			
8/14/2016 12:10:00 AM	267000.000	71.817	17.957	163.693

29204.078	33743.301	21.321	22945.445	34.242
1.015	14.693			
8/14/2016 12:15:00 AM	267300.000	71.811	17.957	163.680
29218.879	33760.336	21.333	22957.031	34.224
1.015	14.693			
8/14/2016 12:20:00 AM	267600.000	71.811	17.957	163.680
29211.152	33751.539	21.326	22951.049	34.234
1.015	14.692			
8/14/2016 12:25:00 AM	267900.000	71.809	17.957	163.674
29202.102	33740.953	21.319	22943.850	34.244
1.015	14.692			
8/14/2016 12:30:00 AM	268200.000	71.825	17.957	163.712
29217.861	33759.492	21.332	22956.455	34.226
1.015	14.692			
8/14/2016 12:35:00 AM	268500.000	71.802	17.957	163.659
29206.789	33746.500	21.323	22947.623	34.239
1.015	14.691			
8/14/2016 12:40:00 AM	268800.000	71.798	17.957	163.651
29195.309	33733.367	21.314	22938.689	34.252
1.015	14.691			
8/14/2016 12:45:00 AM	269100.000	71.815	17.957	163.690
29191.959	33729.234	21.311	22935.881	34.256
1.015	14.690			
8/14/2016 12:50:00 AM	269400.000	71.790	17.957	163.631
29191.170	33728.129	21.310	22935.127	34.257
1.015	14.692			
8/14/2016 12:55:00 AM	269700.000	71.791	17.956	163.634
29184.279	33720.820	21.305	22930.158	34.265
1.015	14.693			
8/14/2016 1:00:00 AM	270000.000	71.784	17.957	163.618
29192.201	33729.512	21.311	22936.070	34.256
1.015	14.694			
8/14/2016 1:05:00 AM	270300.000	71.785	17.957	163.619
29191.459	33728.590	21.310	22935.441	34.257
1.015	14.693			
8/14/2016 1:10:00 AM	270600.000	71.782	17.957	163.614
29195.318	33733.316	21.314	22938.658	34.252
1.015	14.691			
8/14/2016 1:15:00 AM	270900.000	71.782	17.957	163.613
29190.744	33727.891	21.310	22934.967	34.257
1.015	14.690			
8/14/2016 1:20:00 AM	271200.000	71.779	17.956	163.606
29195.869	33734.406	21.314	22939.398	34.251
1.015	14.690			
8/14/2016 1:25:00 AM	271500.000	71.778	17.957	163.603
29204.850	33744.191	21.321	22946.053	34.241
1.015	14.690			
8/14/2016 1:30:00 AM	271800.000	71.772	17.957	163.590
29195.854	33734.125	21.314	22939.207	34.251
1.015	14.689			
8/14/2016 1:35:00 AM	272100.000	71.787	17.956	163.624
29194.402	33732.574	21.313	22938.152	34.253
1.015	14.690			
8/14/2016 1:40:00 AM	272400.000	71.784	17.957	163.619
29179.279	33714.457	21.301	22925.830	34.271
1.015	14.691			
8/14/2016 1:45:00 AM	272700.000	71.762	17.957	163.569
29204.600	33744.039	21.321	22945.947	34.241

1.015	14.691			
8/14/2016 1:50:00 AM	273000.000	71.763	17.957	163.570
29182.957	33719.227	21.304	22929.076	34.267
1.015	14.690			
8/14/2016 1:55:00 AM	273300.000	71.756	17.957	163.554
29171.395	33705.672	21.295	22919.859	34.280
1.015	14.689			
8/14/2016 2:00:00 AM	273600.000	71.756	17.957	163.554
29210.873	33750.895	21.326	22950.611	34.234
1.015	14.688			
8/14/2016 2:05:00 AM	273900.000	71.775	17.957	163.597
29218.764	33760.266	21.333	22956.982	34.225
1.015	14.688			
8/14/2016 2:10:00 AM	274200.000	71.752	17.957	163.545
29220.053	33761.695	21.334	22957.955	34.223
1.015	14.687			
8/14/2016 2:15:00 AM	274500.000	71.749	17.956	163.539
29189.143	33726.438	21.309	22933.979	34.259
1.015	14.687			
8/14/2016 2:20:00 AM	274800.000	71.747	17.957	163.534
29185.600	33721.887	21.306	22930.883	34.263
1.015	14.687			
8/14/2016 2:25:00 AM	275100.000	71.745	17.957	163.530
29184.029	33720.004	21.305	22929.605	34.265
1.015	14.686			
8/14/2016 2:30:00 AM	275400.000	71.737	17.957	163.510
29197.889	33736.348	21.316	22940.717	34.249
1.015	14.686			
8/14/2016 2:35:00 AM	275700.000	71.739	17.957	163.515
29211.023	33751.523	21.326	22951.039	34.234
1.015	14.685			
8/14/2016 2:40:00 AM	276000.000	71.739	17.957	163.515
29183.061	33719.215	21.304	22929.068	34.266
1.015	14.684			
8/14/2016 2:45:00 AM	276300.000	71.735	17.956	163.506
29204.191	33743.828	21.321	22945.805	34.242
1.015	14.683			
8/14/2016 2:50:00 AM	276600.000	71.737	17.957	163.511
29206.414	33745.996	21.323	22947.279	34.239
1.015	14.682			
8/14/2016 2:55:00 AM	276900.000	71.752	17.957	163.545
29201.725	33740.910	21.319	22943.818	34.245
1.015	14.680			
8/14/2016 3:00:00 AM	277200.000	71.735	17.957	163.507
29180.889	33716.641	21.302	22927.316	34.269
1.015	14.679			
8/14/2016 3:05:00 AM	277500.000	71.732	17.957	163.499
29208.961	33749.008	21.325	22949.328	34.236
1.015	14.678			
8/14/2016 3:10:00 AM	277800.000	71.751	17.957	163.542
29194.191	33732.074	21.313	22937.811	34.253
1.015	14.677			
8/14/2016 3:15:00 AM	278100.000	71.728	17.957	163.491
29209.871	33749.930	21.325	22949.955	34.235
1.015	14.676			
8/14/2016 3:20:00 AM	278400.000	71.731	17.957	163.497
29195.402	33733.273	21.314	22938.627	34.252
1.015	14.678			

8/14/2016 3:25:00 AM	278700.000	71.726	17.957	163.485
29194.521	33732.195	21.313	22937.893	34.253
1.015	14.679			
8/14/2016 3:30:00 AM	279000.000	71.736	17.957	163.508
29200.096	33738.766	21.318	22942.361	34.246
1.015	14.680			
8/14/2016 3:35:00 AM	279300.000	71.719	17.957	163.469
29185.371	33721.621	21.306	22930.705	34.264
1.015	14.680			
8/14/2016 3:40:00 AM	279600.000	71.719	17.957	163.470
29202.443	33741.676	21.320	22944.342	34.244
1.015	14.679			
8/14/2016 3:45:00 AM	279900.000	71.719	17.957	163.470
29187.057	33723.898	21.307	22932.252	34.262
1.015	14.678			
8/14/2016 3:50:00 AM	280200.000	71.736	17.957	163.508
29200.086	33738.309	21.317	22942.051	34.246
1.015	14.680			
8/14/2016 3:55:00 AM	280500.000	71.711	17.957	163.452
29202.592	33741.395	21.319	22944.148	34.244
1.015	14.682			
8/14/2016 4:00:00 AM	280800.000	71.710	17.957	163.449
29188.105	33725.043	21.308	22933.031	34.261
1.015	14.684			
8/14/2016 4:05:00 AM	281100.000	71.708	17.957	163.445
29191.012	33728.070	21.310	22935.090	34.257
1.015	14.684			
8/14/2016 4:10:00 AM	281400.000	71.707	17.957	163.443
29206.059	33745.918	21.323	22947.225	34.239
1.015	14.684			
8/14/2016 4:15:00 AM	281700.000	71.708	17.956	163.445
29192.570	33730.457	21.312	22936.713	34.255
1.015	14.684			
8/14/2016 4:20:00 AM	282000.000	71.723	17.957	163.479
29194.914	33732.910	21.313	22938.379	34.253
1.015	14.684			
8/14/2016 4:25:00 AM	282300.000	71.722	17.957	163.476
29194.699	33732.730	21.313	22938.260	34.253
1.015	14.684			
8/14/2016 4:30:00 AM	282600.000	71.725	17.957	163.483
29187.227	33724.156	21.307	22932.426	34.262
1.015	14.684			
8/14/2016 4:35:00 AM	282900.000	71.720	17.957	163.471
29203.121	33742.332	21.320	22944.785	34.243
1.015	14.684			
8/14/2016 4:40:00 AM	283200.000	71.722	17.957	163.476
29183.564	33719.734	21.304	22929.420	34.266
1.015	14.684			
8/14/2016 4:45:00 AM	283500.000	71.699	17.957	163.424
29194.338	33732.375	21.313	22938.018	34.253
1.015	14.683			
8/14/2016 4:50:00 AM	283800.000	71.702	17.957	163.430
29179.379	33714.961	21.301	22926.174	34.271
1.015	14.683			
8/14/2016 4:55:00 AM	284100.000	71.700	17.956	163.426
29193.975	33732.023	21.313	22937.777	34.254
1.015	14.682			
8/14/2016 5:00:00 AM	284400.000	71.707	17.956	163.442

29202.775	33742.250	21.320	22944.730	34.243
1.015	14.681			
8/14/2016 5:05:00 AM	284700.000	71.703	17.957	163.434
29196.527	33734.641	21.315	22939.559	34.251
1.015	14.683			
8/14/2016 5:10:00 AM	285000.000	71.717	17.957	163.465
29181.850	33717.617	21.303	22927.982	34.268
1.015	14.685			
8/14/2016 5:15:00 AM	285300.000	71.719	17.957	163.469
29195.039	33733.055	21.314	22938.479	34.252
1.015	14.687			
8/14/2016 5:20:00 AM	285600.000	71.719	17.957	163.470
29185.533	33721.809	21.306	22930.832	34.264
1.015	14.686			
8/14/2016 5:25:00 AM	285900.000	71.720	17.957	163.471
29191.453	33728.910	21.311	22935.660	34.257
1.015	14.686			
8/14/2016 5:30:00 AM	286200.000	71.702	17.956	163.431
29197.432	33736.016	21.316	22940.490	34.250
1.015	14.685			
8/14/2016 5:35:00 AM	286500.000	71.721	17.957	163.474
29201.850	33740.793	21.319	22943.740	34.244
1.015	14.687			
8/14/2016 5:40:00 AM	286800.000	71.698	17.957	163.421
29188.885	33725.555	21.308	22933.379	34.260
1.015	14.688			
8/14/2016 5:45:00 AM	287100.000	71.706	17.957	163.439
29191.924	33729.254	21.311	22935.895	34.256
1.015	14.689			
8/14/2016 5:50:00 AM	287400.000	71.701	17.957	163.428
29205.834	33745.328	21.322	22946.824	34.240
1.015	14.688			
8/14/2016 5:55:00 AM	287700.000	71.704	17.957	163.435
29181.283	33716.961	21.302	22927.533	34.269
1.015	14.688			
8/14/2016 6:00:00 AM	288000.000	71.704	17.957	163.435
29204.689	33744.074	21.321	22945.973	34.241
1.015	14.687			
8/14/2016 6:05:00 AM	288300.000	71.722	17.957	163.476
29195.289	33733.473	21.314	22938.762	34.252
1.015	14.690			
8/14/2016 6:10:00 AM	288600.000	71.700	17.957	163.427
29193.836	33731.402	21.312	22937.355	34.254
1.015	14.694			
8/14/2016 6:15:00 AM	288900.000	71.717	17.957	163.466
29206.963	33746.699	21.323	22947.758	34.238
1.015	14.697			
8/14/2016 6:20:00 AM	289200.000	71.696	17.957	163.417
29204.627	33744.070	21.321	22945.971	34.241
1.015	14.695			
8/14/2016 6:25:00 AM	289500.000	71.705	17.957	163.437
29213.563	33754.324	21.328	22952.941	34.231
1.015	14.694			
8/14/2016 6:30:00 AM	289800.000	71.725	17.957	163.484
29202.104	33741.086	21.319	22943.941	34.244
1.015	14.692			
8/14/2016 6:35:00 AM	290100.000	71.709	17.956	163.447
29208.527	33748.836	21.325	22949.209	34.237

1.015	14.692			
8/14/2016 6:40:00 AM	290400.000	71.728	17.957	163.490
29209.037	33748.965	21.325	22949.299	34.236
1.015	14.693			
8/14/2016 6:45:00 AM	290700.000	71.730	17.957	163.496
29216.824	33758.027	21.331	22955.459	34.227
1.015	14.693			
8/14/2016 6:50:00 AM	291000.000	71.709	17.957	163.448
29212.043	33752.641	21.327	22951.795	34.232
1.015	14.694			
8/14/2016 6:55:00 AM	291300.000	71.712	17.957	163.454
29195.010	33732.633	21.313	22938.191	34.252
1.015	14.695			
8/14/2016 7:00:00 AM	291600.000	71.714	17.957	163.459
29188.150	33724.961	21.308	22932.977	34.260
1.015	14.696			
8/14/2016 7:05:00 AM	291900.000	71.714	17.957	163.459
29206.451	33746.371	21.323	22947.535	34.239
1.015	14.697			
8/14/2016 7:10:00 AM	292200.000	71.732	17.957	163.500
29184.994	33721.188	21.305	22930.408	34.264
1.015	14.699			
8/14/2016 7:15:00 AM	292500.000	71.709	17.957	163.446
29190.309	33727.199	21.310	22934.498	34.258
1.015	14.700			
8/14/2016 7:20:00 AM	292800.000	71.734	17.957	163.503
29195.273	33733.191	21.314	22938.572	34.252
1.015	14.697			
8/14/2016 7:25:00 AM	293100.000	71.739	17.957	163.516
29214.258	33755.199	21.329	22953.537	34.230
1.015	14.693			
8/14/2016 7:30:00 AM	293400.000	71.733	17.957	163.502
29198.137	33736.305	21.316	22940.689	34.249
1.015	14.689			
8/14/2016 7:35:00 AM	293700.000	71.730	17.957	163.494
29196.059	33734.234	21.314	22939.279	34.251
1.015	14.692			
8/14/2016 7:40:00 AM	294000.000	71.726	17.957	163.486
29206.590	33746.340	21.323	22947.514	34.239
1.015	14.695			
8/14/2016 7:45:00 AM	294300.000	71.742	17.957	163.523
29203.365	33742.414	21.320	22944.844	34.243
1.015	14.697			
8/14/2016 7:50:00 AM	294600.000	71.748	17.956	163.536
29184.277	33720.875	21.305	22930.197	34.265
1.015	14.696			
8/14/2016 7:55:00 AM	294900.000	71.747	17.957	163.533
29185.887	33722.348	21.306	22931.197	34.263
1.015	14.696			
8/14/2016 8:00:00 AM	295200.000	71.728	17.957	163.490
29202.029	33741.070	21.319	22943.930	34.244
1.015	14.695			
8/14/2016 8:05:00 AM	295500.000	71.733	17.957	163.502
29209.273	33749.238	21.325	22949.484	34.236
1.015	14.697			
8/14/2016 8:10:00 AM	295800.000	71.750	17.957	163.540
29188.066	33724.934	21.308	22932.957	34.261
1.015	14.700			

8/14/2016 8:15:00 AM	296100.000	71.731	17.957	163.497
29203.002	33742.191	21.320	22944.691	34.243
1.015	14.702			
8/14/2016 8:20:00 AM	296400.000	71.753	17.956	163.548
29190.906	33728.477	21.310	22935.365	34.257
1.015	14.702			
8/14/2016 8:25:00 AM	296700.000	71.734	17.957	163.505
29181.465	33717.172	21.303	22927.680	34.268
1.015	14.702			
8/14/2016 8:30:00 AM	297000.000	71.732	17.957	163.499
29204.219	33743.598	21.321	22945.648	34.242
1.015	14.702			
8/14/2016 8:35:00 AM	297300.000	71.736	17.957	163.508
29186.010	33722.422	21.306	22931.250	34.263
1.015	14.703			
8/14/2016 8:40:00 AM	297600.000	71.734	17.956	163.504
29225.148	33768.238	21.338	22962.404	34.217
1.015	14.704			
8/14/2016 8:45:00 AM	297900.000	71.737	17.957	163.510
29179.072	33714.406	21.301	22925.799	34.271
1.015	14.704			
8/14/2016 8:50:00 AM	298200.000	71.740	17.956	163.517
29215.615	33757.027	21.330	22954.781	34.228
1.015	14.704			
8/14/2016 8:55:00 AM	298500.000	71.742	17.957	163.523
29186.842	33723.383	21.307	22931.902	34.262
1.015	14.704			
8/14/2016 9:00:00 AM	298800.000	71.745	17.957	163.528
29228.096	33771.379	21.340	22964.539	34.214
1.015	14.703			
8/14/2016 9:05:00 AM	299100.000	71.760	17.957	163.564
29208.104	33747.949	21.324	22948.607	34.237
1.015	14.703			
8/14/2016 9:10:00 AM	299400.000	71.751	17.957	163.543
29189.324	33726.188	21.309	22933.809	34.259
1.015	14.703			
8/14/2016 9:15:00 AM	299700.000	71.752	17.957	163.546
29198.322	33736.914	21.316	22941.104	34.249
1.015	14.703			
8/14/2016 9:20:00 AM	300000.000	71.770	17.957	163.587
29211.043	33751.484	21.326	22951.012	34.234
1.015	14.703			
8/14/2016 9:25:00 AM	300300.000	71.755	17.957	163.553
29218.438	33760.090	21.332	22956.861	34.225
1.015	14.702			
8/14/2016 9:30:00 AM	300600.000	71.759	17.957	163.560
29205.371	33745.059	21.322	22946.643	34.240
1.015	14.701			
8/14/2016 9:35:00 AM	300900.000	71.778	17.956	163.605
29186.502	33723.387	21.307	22931.904	34.262
1.015	14.703			
8/14/2016 9:40:00 AM	301200.000	71.761	17.957	163.565
29194.406	33732.125	21.313	22937.848	34.253
1.015	14.704			
8/14/2016 9:45:00 AM	301500.000	71.759	17.956	163.560
29213.707	33755.016	21.329	22953.410	34.231
1.015	14.705			
8/14/2016 9:50:00 AM	301800.000	71.778	17.956	163.605

29207.551	33747.766	21.324	22948.480	34.238
1.015	14.707			
8/14/2016 9:55:00 AM	302100.000	71.777	17.957	163.603
29200.818	33739.602	21.318	22942.930	34.246
1.015	14.709			
8/14/2016 10:00:00 AM	302400.000	71.754	17.957	163.550
29197.529	33735.934	21.316	22940.438	34.249
1.015	14.711			
8/14/2016 10:05:00 AM	302700.000	71.757	17.957	163.556
29194.480	33732.020	21.313	22937.775	34.253
1.015	14.711			
8/14/2016 10:10:00 AM	303000.000	71.757	17.956	163.557
29201.809	33741.133	21.319	22943.971	34.244
1.015	14.712			
8/14/2016 10:15:00 AM	303300.000	71.760	17.957	163.562
29193.906	33731.547	21.313	22937.453	34.254
1.015	14.712			
8/14/2016 10:20:00 AM	303600.000	71.784	17.957	163.618
29196.855	33735.285	21.315	22939.994	34.250
1.015	14.710			
8/14/2016 10:25:00 AM	303900.000	71.767	17.957	163.579
29179.732	33715.238	21.301	22926.363	34.270
1.015	14.707			
8/14/2016 10:30:00 AM	304200.000	71.774	17.956	163.595
29198.223	33736.988	21.316	22941.152	34.249
1.015	14.704			
8/14/2016 10:35:00 AM	304500.000	71.768	17.957	163.582
29219.391	33761.191	21.333	22957.613	34.224
1.015	14.706			
8/14/2016 10:40:00 AM	304800.000	71.763	17.956	163.571
29201.959	33741.246	21.319	22944.049	34.244
1.015	14.707			
8/14/2016 10:45:00 AM	305100.000	71.788	17.957	163.626
29187.057	33723.699	21.307	22932.115	34.262
1.015	14.709			
8/14/2016 10:50:00 AM	305400.000	71.769	17.956	163.585
29184.773	33721.586	21.306	22930.680	34.264
1.015	14.709			
8/14/2016 10:55:00 AM	305700.000	71.790	17.957	163.631
29186.287	33722.941	21.307	22931.600	34.263
1.015	14.708			
8/14/2016 11:00:00 AM	306000.000	71.789	17.956	163.630
29185.785	33722.559	21.306	22931.342	34.263
1.015	14.708			
8/14/2016 11:05:00 AM	306300.000	71.769	17.957	163.585
29184.021	33720.453	21.305	22929.908	34.265
1.015	14.707			
8/14/2016 11:10:00 AM	306600.000	71.769	17.957	163.584
29194.266	33731.961	21.313	22937.734	34.253
1.015	14.705			
8/14/2016 11:15:00 AM	306900.000	71.792	17.956	163.637
29185.250	33722.137	21.306	22931.053	34.264
1.015	14.704			
8/14/2016 11:20:00 AM	307200.000	71.771	17.957	163.588
29190.752	33728.039	21.310	22935.068	34.257
1.015	14.704			
8/14/2016 11:25:00 AM	307500.000	71.776	17.957	163.599
29186.133	33722.375	21.306	22931.215	34.263

1.015	14.703			
8/14/2016 11:30:00 AM	307800.000	71.775	17.957	163.598
29217.742	33759.086	21.332	22956.178	34.226
1.015	14.703			
8/14/2016 11:35:00 AM	308100.000	71.775	17.957	163.597
29185.121	33721.594	21.306	22930.686	34.264
1.015	14.703			
8/14/2016 11:40:00 AM	308400.000	71.775	17.957	163.597
29213.102	33753.660	21.328	22952.490	34.231
1.015	14.703			
8/14/2016 11:45:00 AM	308700.000	71.795	17.956	163.643
29204.238	33743.883	21.321	22945.842	34.242
1.015	14.703			
8/14/2016 11:50:00 AM	309000.000	71.800	17.956	163.654
29184.539	33721.121	21.305	22930.365	34.265
1.015	14.704			
8/14/2016 11:55:00 AM	309300.000	71.774	17.957	163.595
29192.449	33729.930	21.311	22936.352	34.255
1.015	14.705			
8/14/2016 12:00:00 PM	309600.000	71.773	17.957	163.593
29210.477	33750.438	21.326	22950.299	34.234
1.015	14.706			
8/14/2016 12:05:00 PM	309900.000	71.771	17.957	163.588
29207.896	33747.648	21.324	22948.402	34.237
1.015	14.705			
8/14/2016 12:10:00 PM	310200.000	71.776	17.956	163.599
29183.055	33719.465	21.304	22929.238	34.266
1.015	14.704			
8/14/2016 12:15:00 PM	310500.000	71.774	17.957	163.595
29200.588	33739.203	21.318	22942.660	34.246
1.015	14.703			
8/14/2016 12:20:00 PM	310800.000	71.792	17.957	163.636
29198.252	33736.898	21.316	22941.094	34.249
1.015	14.702			
8/14/2016 12:25:00 PM	311100.000	71.778	17.957	163.605
29193.193	33730.723	21.312	22936.893	34.255
1.015	14.701			
8/14/2016 12:30:00 PM	311400.000	71.781	17.957	163.611
29190.672	33728.008	21.310	22935.045	34.258
1.015	14.699			
8/14/2016 12:35:00 PM	311700.000	71.793	17.957	163.638
29226.396	33769.152	21.339	22963.023	34.216
1.015	14.701			
8/14/2016 12:40:00 PM	312000.000	71.774	17.957	163.595
29209.461	33749.586	21.325	22949.721	34.235
1.015	14.703			
8/14/2016 12:45:00 PM	312300.000	71.793	17.957	163.638
29206.396	33745.914	21.323	22947.225	34.239
1.015	14.704			
8/14/2016 12:50:00 PM	312600.000	71.793	17.956	163.639
29201.734	33740.988	21.319	22943.875	34.245
1.015	14.701			
8/14/2016 12:55:00 PM	312900.000	71.777	17.957	163.603
29204.396	33743.867	21.321	22945.832	34.241
1.015	14.698			
8/14/2016 1:00:00 PM	313200.000	71.780	17.957	163.609
29188.107	33724.984	21.308	22932.990	34.261
1.015	14.695			

8/14/2016 1:05:00 PM	313500.000	71.780	17.957	163.609
29195.072	33733.223	21.314	22938.594	34.252
1.015	14.697			
8/14/2016 1:10:00 PM	313800.000	71.790	17.957	163.632
29196.152	33734.207	21.314	22939.262	34.251
1.015	14.699			
8/14/2016 1:15:00 PM	314100.000	71.771	17.956	163.589
29218.771	33760.672	21.333	22957.258	34.225
1.015	14.701			
8/14/2016 1:20:00 PM	314400.000	71.798	17.956	163.649
29203.113	33742.641	21.320	22944.998	34.243
1.015	14.700			
8/14/2016 1:25:00 PM	314700.000	71.795	17.957	163.642
29206.783	33746.426	21.323	22947.570	34.239
1.015	14.699			
8/14/2016 1:30:00 PM	315000.000	71.774	17.956	163.594
29196.406	33734.891	21.315	22939.729	34.251
1.015	14.698			
8/14/2016 1:35:00 PM	315300.000	71.796	17.957	163.646
29199.164	33737.758	21.317	22941.678	34.248
1.015	14.701			
8/14/2016 1:40:00 PM	315600.000	71.771	17.957	163.588
29208.883	33748.988	21.325	22949.314	34.236
1.015	14.703			
8/14/2016 1:45:00 PM	315900.000	71.767	17.957	163.579
29211.025	33751.465	21.326	22950.996	34.234
1.015	14.705			
8/14/2016 1:50:00 PM	316200.000	71.773	17.957	163.593
29197.307	33735.676	21.315	22940.260	34.250
1.015	14.703			
8/14/2016 1:55:00 PM	316500.000	71.794	17.956	163.641
29199.225	33738.219	21.317	22941.990	34.247
1.015	14.701			
8/14/2016 2:00:00 PM	316800.000	71.793	17.956	163.638
29192.420	33730.227	21.312	22936.557	34.255
1.015	14.699			
8/14/2016 2:05:00 PM	317100.000	71.794	17.957	163.640
29182.211	33718.234	21.303	22928.402	34.267
1.015	14.696			
8/14/2016 2:10:00 PM	317400.000	71.799	17.956	163.651
29177.566	33713.121	21.300	22924.924	34.273
1.015	14.694			
8/14/2016 2:15:00 PM	317700.000	71.782	17.957	163.614
29173.357	33707.805	21.296	22921.309	34.278
1.015	14.691			
8/14/2016 2:20:00 PM	318000.000	71.801	17.957	163.657
29202.512	33741.625	21.320	22944.305	34.244
1.015	14.693			
8/14/2016 2:25:00 PM	318300.000	71.796	17.957	163.645
29194.873	33732.992	21.314	22938.436	34.253
1.015	14.695			
8/14/2016 2:30:00 PM	318600.000	71.774	17.957	163.595
29214.189	33755.313	21.329	22953.615	34.230
1.015	14.697			
8/14/2016 2:35:00 PM	318900.000	71.777	17.956	163.602
29208.889	33749.449	21.325	22949.627	34.236
1.015	14.697			
8/14/2016 2:40:00 PM	319200.000	71.774	17.957	163.595

29205.559	33745.277	21.322	22946.791	34.240
1.015	14.698			
8/14/2016 2:45:00 PM	319500.000	71.780	17.956	163.609
29219.695	33761.871	21.334	22958.072	34.223
1.015	14.698			
8/14/2016 2:50:00 PM	319800.000	71.796	17.957	163.646
29204.262	33743.648	21.321	22945.682	34.242
1.015	14.695			
8/14/2016 2:55:00 PM	320100.000	71.780	17.956	163.608
29203.561	33743.348	21.321	22945.479	34.242
1.015	14.693			
8/14/2016 3:00:00 PM	320400.000	71.780	17.956	163.608
29230.396	33774.234	21.342	22966.482	34.211
1.015	14.691			
8/14/2016 3:05:00 PM	320700.000	71.780	17.957	163.610
29209.729	33749.699	21.325	22949.797	34.235
1.015	14.691			
8/14/2016 3:10:00 PM	321000.000	71.801	17.957	163.657
29194.580	33732.391	21.313	22938.027	34.253
1.015	14.690			
8/14/2016 3:15:00 PM	321300.000	71.783	17.957	163.616
29205.178	33744.898	21.322	22946.533	34.241
1.015	14.690			
8/14/2016 3:20:00 PM	321600.000	71.781	17.956	163.612
29208.936	33749.367	21.325	22949.572	34.236
1.015	14.690			
8/14/2016 3:25:00 PM	321900.000	71.784	17.956	163.618
29203.193	33742.676	21.320	22945.021	34.243
1.015	14.691			
8/14/2016 3:30:00 PM	322200.000	71.780	17.956	163.610
29222.391	33764.855	21.336	22960.102	34.220
1.015	14.691			
8/14/2016 3:35:00 PM	322500.000	71.781	17.957	163.612
29206.414	33746.328	21.323	22947.504	34.239
1.015	14.691			
8/14/2016 3:40:00 PM	322800.000	71.780	17.957	163.609
29197.791	33735.973	21.316	22940.463	34.249
1.015	14.692			
8/14/2016 3:45:00 PM	323100.000	71.780	17.957	163.609
29211.043	33751.484	21.326	22951.012	34.234
1.015	14.692			
8/14/2016 3:50:00 PM	323400.000	71.787	17.957	163.626
29217.551	33758.609	21.331	22955.855	34.226
1.015	14.690			
8/14/2016 3:55:00 PM	323700.000	71.809	17.957	163.675
29184.029	33720.004	21.305	22929.605	34.265
1.015	14.688			
8/14/2016 4:00:00 PM	324000.000	71.792	17.957	163.636
29211.465	33752.035	21.327	22951.385	34.233
1.015	14.686			
8/14/2016 4:05:00 PM	324300.000	71.786	17.957	163.622
29208.086	33748.195	21.324	22948.773	34.237
1.015	14.688			
8/14/2016 4:10:00 PM	324600.000	71.808	17.957	163.672
29178.096	33713.344	21.300	22925.076	34.272
1.015	14.691			
8/14/2016 4:15:00 PM	324900.000	71.785	17.957	163.621
29211.721	33752.195	21.327	22951.494	34.233

1.015	14.693			
8/14/2016 4:20:00 PM	325200.000	71.787	17.957	163.624
29227.264	33770.156	21.339	22963.709	34.215
1.015	14.690			
8/14/2016 4:25:00 PM	325500.000	71.789	17.956	163.630
29188.742	33725.977	21.309	22933.664	34.260
1.015	14.686			
8/14/2016 4:30:00 PM	325800.000	71.797	17.957	163.648
29199.047	33737.754	21.317	22941.676	34.248
1.015	14.683			
8/14/2016 4:35:00 PM	326100.000	71.796	17.957	163.646
29208.697	33748.965	21.325	22949.299	34.236
1.015	14.683			
8/14/2016 4:40:00 PM	326400.000	71.796	17.957	163.646
29185.092	33721.563	21.306	22930.664	34.264
1.015	14.684			
8/14/2016 4:45:00 PM	326700.000	71.823	17.957	163.706
29212.629	33753.508	21.328	22952.385	34.232
1.015	14.685			
8/14/2016 4:50:00 PM	327000.000	71.801	17.957	163.656
29202.453	33741.422	21.319	22944.170	34.244
1.015	14.687			
8/14/2016 4:55:00 PM	327300.000	71.796	17.957	163.645
29193.609	33731.340	21.312	22937.311	34.254
1.015	14.689			
8/14/2016 5:00:00 PM	327600.000	71.795	17.957	163.644
29191.352	33728.926	21.311	22935.670	34.257
1.015	14.691			
8/14/2016 5:05:00 PM	327900.000	71.804	17.956	163.663
29195.869	33734.406	21.314	22939.398	34.251
1.015	14.690			
8/14/2016 5:10:00 PM	328200.000	71.821	17.956	163.702
29194.680	33732.836	21.313	22938.330	34.253
1.015	14.690			
8/14/2016 5:15:00 PM	328500.000	71.824	17.957	163.710
29200.857	33739.578	21.318	22942.914	34.246
1.015	14.689			
8/14/2016 5:20:00 PM	328800.000	71.805	17.957	163.666
29203.984	33743.391	21.321	22945.508	34.242
1.015	14.688			
8/14/2016 5:25:00 PM	329100.000	71.810	17.957	163.677
29171.641	33706.148	21.295	22920.184	34.280
1.015	14.687			
8/14/2016 5:30:00 PM	329400.000	71.831	17.957	163.726
29187.314	33724.258	21.307	22932.496	34.261
1.015	14.686			
8/14/2016 5:35:00 PM	329700.000	71.810	17.956	163.677
29220.418	33762.633	21.334	22958.592	34.223
1.015	14.686			
8/14/2016 5:40:00 PM	330000.000	71.816	17.957	163.691
29211.090	33751.602	21.326	22951.092	34.234
1.015	14.686			
8/14/2016 5:45:00 PM	330300.000	71.834	17.956	163.732
29183.709	33720.160	21.305	22929.711	34.266
1.015	14.686			
8/14/2016 5:50:00 PM	330600.000	71.818	17.956	163.695
29199.383	33738.270	21.317	22942.023	34.247
1.015	14.687			

8/14/2016 5:55:00 PM	330900.000	71.840	17.957	163.745
29219.096	33760.719	21.333	22957.291	34.224
1.015	14.688			
8/14/2016 6:00:00 PM	331200.000	71.815	17.957	163.689
29199.545	33738.391	21.317	22942.105	34.247
1.015	14.688			
8/14/2016 6:05:00 PM	331500.000	71.819	17.957	163.697
29207.064	33746.621	21.323	22947.705	34.238
1.015	14.688			
8/14/2016 6:10:00 PM	331800.000	71.825	17.957	163.712
29202.430	33741.660	21.320	22944.330	34.244
1.015	14.688			
8/14/2016 6:15:00 PM	332100.000	71.846	17.957	163.760
29196.455	33734.559	21.315	22939.500	34.251
1.015	14.688			
8/14/2016 6:20:00 PM	332400.000	71.849	17.957	163.766
29231.615	33775.184	21.343	22967.127	34.210
1.015	14.687			
8/14/2016 6:25:00 PM	332700.000	71.831	17.957	163.725
29188.324	33725.426	21.308	22933.291	34.260
1.015	14.685			
8/14/2016 6:30:00 PM	333000.000	71.852	17.957	163.773
29191.264	33728.430	21.310	22935.334	34.257
1.015	14.684			
8/14/2016 6:35:00 PM	333300.000	71.836	17.957	163.737
29208.439	33748.477	21.324	22948.965	34.237
1.015	14.684			
8/14/2016 6:40:00 PM	333600.000	71.838	17.957	163.740
29157.404	33689.508	21.283	22908.867	34.297
1.015	14.683			
8/14/2016 6:45:00 PM	333900.000	71.849	17.956	163.766
29207.184	33747.344	21.323	22948.195	34.238
1.015	14.683			
8/14/2016 6:50:00 PM	334200.000	71.847	17.957	163.762
29216.570	33757.672	21.331	22955.217	34.227
1.015	14.684			
8/14/2016 6:55:00 PM	334500.000	71.859	17.957	163.788
29198.078	33736.434	21.316	22940.777	34.249
1.015	14.684			
8/14/2016 7:00:00 PM	334800.000	71.849	17.956	163.767
29208.291	33748.621	21.324	22949.064	34.237
1.015	14.685			
8/14/2016 7:05:00 PM	335100.000	71.847	17.956	163.761
29212.666	33753.813	21.328	22952.594	34.232
1.015	14.685			
8/14/2016 7:10:00 PM	335400.000	71.872	17.957	163.819
29186.648	33723.359	21.307	22931.887	34.262
1.015	14.686			
8/14/2016 7:15:00 PM	335700.000	71.849	17.956	163.766
29201.971	33741.391	21.319	22944.146	34.244
1.015	14.687			
8/14/2016 7:20:00 PM	336000.000	71.874	17.956	163.823
29211.828	33752.781	21.327	22951.891	34.233
1.015	14.686			
8/14/2016 7:25:00 PM	336300.000	71.877	17.957	163.829
29211.299	33751.777	21.327	22951.211	34.233
1.015	14.686			
8/14/2016 7:30:00 PM	336600.000	71.860	17.957	163.791

29186.184	33722.691	21.306	22931.432	34.263
1.015	14.686			
8/14/2016 7:35:00 PM	336900.000	71.879	17.957	163.835
29194.889	33732.949	21.313	22938.408	34.253
1.015	14.686			
8/14/2016 7:40:00 PM	337200.000	71.881	17.957	163.838
29196.424	33734.723	21.315	22939.613	34.251
1.015	14.686			
8/14/2016 7:45:00 PM	337500.000	71.863	17.957	163.797
29185.023	33721.613	21.306	22930.699	34.264
1.015	14.686			
8/14/2016 7:50:00 PM	337800.000	71.865	17.957	163.802
29197.488	33735.953	21.316	22940.451	34.250
1.015	14.687			
8/14/2016 7:55:00 PM	338100.000	71.864	17.957	163.800
29199.703	33738.512	21.317	22942.188	34.247
1.015	14.688			
8/14/2016 8:00:00 PM	338400.000	71.887	17.956	163.852
29192.383	33730.313	21.312	22936.615	34.256
1.015	14.689			
8/14/2016 8:05:00 PM	338700.000	71.871	17.957	163.817
29209.900	33750.355	21.326	22950.242	34.235
1.015	14.689			
8/14/2016 8:10:00 PM	339000.000	71.871	17.956	163.816
29190.594	33728.117	21.310	22935.119	34.258
1.015	14.689			
8/14/2016 8:15:00 PM	339300.000	71.872	17.956	163.818
29188.168	33725.313	21.308	22933.215	34.260
1.015	14.688			
8/14/2016 8:20:00 PM	339600.000	71.876	17.957	163.827
29186.000	33722.680	21.306	22931.424	34.263
1.015	14.690			
8/14/2016 8:25:00 PM	339900.000	71.876	17.957	163.829
29188.508	33725.121	21.308	22933.082	34.260
1.015	14.692			
8/14/2016 8:30:00 PM	340200.000	71.876	17.957	163.829
29192.885	33730.566	21.312	22936.787	34.255
1.015	14.694			
8/14/2016 8:35:00 PM	340500.000	71.882	17.957	163.842
29195.699	33733.887	21.314	22939.045	34.252
1.015	14.693			
8/14/2016 8:40:00 PM	340800.000	71.883	17.957	163.844
29198.461	33737.137	21.316	22941.256	34.248
1.015	14.692			
8/14/2016 8:45:00 PM	341100.000	71.883	17.956	163.844
29185.404	33722.180	21.306	22931.084	34.264
1.015	14.690			
8/14/2016 8:50:00 PM	341400.000	71.883	17.957	163.844
29171.141	33705.113	21.294	22919.477	34.280
1.015	14.693			
8/14/2016 8:55:00 PM	341700.000	71.880	17.957	163.836
29205.006	33744.438	21.321	22946.219	34.241
1.015	14.697			
8/14/2016 9:00:00 PM	342000.000	71.882	17.957	163.842
29194.037	33731.965	21.313	22937.736	34.254
1.015	14.700			
8/14/2016 9:05:00 PM	342300.000	71.902	17.957	163.886
29195.953	33734.180	21.314	22939.244	34.251

1.015	14.699			
8/14/2016 9:10:00 PM	342600.000	71.885	17.956	163.848
29185.594	33722.469	21.306	22931.279	34.263
1.015	14.698			
8/14/2016 9:15:00 PM	342900.000	71.910	17.957	163.905
29207.047	33746.867	21.323	22947.871	34.238
1.015	14.696			
8/14/2016 9:20:00 PM	343200.000	71.906	17.956	163.895
29197.521	33736.180	21.316	22940.604	34.249
1.015	14.697			
8/14/2016 9:25:00 PM	343500.000	71.910	17.957	163.906
29190.949	33728.328	21.310	22935.264	34.257
1.015	14.698			
8/14/2016 9:30:00 PM	343800.000	71.889	17.957	163.858
29199.439	33737.559	21.317	22941.541	34.247
1.015	14.698			
8/14/2016 9:35:00 PM	344100.000	71.910	17.957	163.904
29180.676	33716.590	21.302	22927.283	34.269
1.015	14.698			
8/14/2016 9:40:00 PM	344400.000	71.893	17.957	163.866
29206.225	33745.980	21.323	22947.270	34.239
1.015	14.698			
8/14/2016 9:45:00 PM	344700.000	71.895	17.957	163.871
29225.715	33768.367	21.338	22962.492	34.216
1.015	14.698			
8/14/2016 9:50:00 PM	345000.000	71.893	17.957	163.866
29199.596	33738.387	21.317	22942.104	34.247
1.015	14.698			
8/14/2016 9:55:00 PM	345300.000	71.892	17.956	163.865
29189.383	33726.910	21.309	22934.299	34.259
1.015	14.699			
8/14/2016 10:00:00 PM	345600.000	71.893	17.957	163.865
29195.484	33733.637	21.314	22938.873	34.252
1.015	14.699			
8/14/2016 10:05:00 PM	345900.000	71.911	17.957	163.907
29197.215	33735.637	21.315	22940.232	34.250
1.015	14.699			
8/14/2016 10:10:00 PM	346200.000	71.914	17.956	163.913
29215.186	33756.531	21.330	22954.443	34.229
1.015	14.699			
8/14/2016 10:15:00 PM	346500.000	71.899	17.957	163.880
29199.971	33738.883	21.318	22942.441	34.247
1.015	14.698			
8/14/2016 10:20:00 PM	346800.000	71.894	17.957	163.869
29187.209	33723.945	21.307	22932.283	34.262
1.015	14.699			
8/14/2016 10:25:00 PM	347100.000	71.898	17.957	163.877
29211.025	33751.527	21.326	22951.041	34.234
1.015	14.699			
8/14/2016 10:30:00 PM	347400.000	71.893	17.956	163.866
29189.879	33727.422	21.310	22934.648	34.258
1.015	14.700			
8/14/2016 10:35:00 PM	347700.000	71.892	17.956	163.864
29217.107	33758.809	21.331	22955.992	34.227
1.015	14.700			
8/14/2016 10:40:00 PM	348000.000	71.891	17.957	163.861
29210.461	33750.941	21.326	22950.643	34.234
1.015	14.700			

8/14/2016 10:45:00 PM	348300.000	71.889	17.957	163.857
29195.551	33733.582	21.314	22938.838	34.252
1.015	14.700			
8/14/2016 10:50:00 PM	348600.000	71.911	17.956	163.908
29184.150	33720.730	21.305	22930.100	34.265
1.015	14.701			
8/14/2016 10:55:00 PM	348900.000	71.890	17.956	163.860
29192.504	33730.520	21.312	22936.754	34.255
1.015	14.701			
8/14/2016 11:00:00 PM	349200.000	71.893	17.957	163.865
29201.672	33740.848	21.319	22943.779	34.245
1.015	14.701			
8/14/2016 11:05:00 PM	349500.000	71.893	17.956	163.867
29196.424	33734.852	21.315	22939.701	34.251
1.015	14.701			
8/14/2016 11:10:00 PM	349800.000	71.892	17.957	163.863
29183.918	33720.336	21.305	22929.828	34.265
1.015	14.700			
8/14/2016 11:15:00 PM	350100.000	71.887	17.956	163.853
29192.479	33730.352	21.312	22936.641	34.255
1.015	14.700			
8/14/2016 11:20:00 PM	350400.000	71.887	17.957	163.852
29189.596	33726.703	21.309	22934.160	34.259
1.015	14.700			
8/14/2016 11:25:00 PM	350700.000	71.888	17.956	163.854
29196.057	33734.430	21.315	22939.412	34.251
1.015	14.700			
8/14/2016 11:30:00 PM	351000.000	71.906	17.957	163.895
29205.305	33744.984	21.322	22946.590	34.240
1.015	14.700			
8/14/2016 11:35:00 PM	351300.000	71.903	17.957	163.888
29203.561	33742.902	21.320	22945.176	34.242
1.015	14.700			
8/14/2016 11:40:00 PM	351600.000	71.903	17.957	163.889
29195.699	33733.754	21.314	22938.953	34.252
1.015	14.699			
8/14/2016 11:45:00 PM	351900.000	71.904	17.956	163.892
29202.236	33741.625	21.320	22944.305	34.244
1.015	14.698			
8/14/2016 11:50:00 PM	352200.000	71.895	17.957	163.871
29212.080	33752.875	21.327	22951.955	34.232
1.015	14.700			
8/14/2016 11:55:00 PM	352500.000	71.871	17.957	163.815
29193.068	33730.844	21.312	22936.975	34.255
1.015	14.702			
8/15/2016 12:00:00 AM	352800.000	71.869	17.956	163.812
29180.166	33716.066	21.302	22926.928	34.270
1.015	14.705			
8/15/2016 12:05:00 AM	353100.000	71.886	17.957	163.851
29216.121	33757.414	21.331	22955.041	34.228
1.015	14.704			
8/15/2016 12:10:00 AM	353400.000	71.870	17.957	163.813
29195.635	33733.680	21.314	22938.904	34.252
1.015	14.703			
8/15/2016 12:15:00 AM	353700.000	71.864	17.956	163.801
29185.650	33722.461	21.306	22931.273	34.263
1.015	14.703			
8/15/2016 12:20:00 AM	354000.000	71.869	17.956	163.811

29211.742	33752.551	21.327	22951.734	34.233
1.015	14.703			
8/15/2016 12:25:00 AM	354300.000	71.861	17.957	163.794
29210.012	33750.355	21.326	22950.242	34.235
1.015	14.703			
8/15/2016 12:30:00 AM	354600.000	71.878	17.956	163.832
29185.217	33721.961	21.306	22930.936	34.264
1.015	14.704			
8/15/2016 12:35:00 AM	354900.000	71.856	17.957	163.781
29194.887	33732.945	21.313	22938.404	34.253
1.015	14.706			
8/15/2016 12:40:00 AM	355200.000	71.853	17.956	163.776
29191.658	33729.402	21.311	22935.994	34.256
1.015	14.709			
8/15/2016 12:45:00 AM	355500.000	71.865	17.956	163.802
29203.115	33742.582	21.320	22944.955	34.243
1.015	14.712			
8/15/2016 12:50:00 AM	355800.000	71.846	17.957	163.759
29216.359	33757.625	21.331	22955.188	34.227
1.015	14.710			
8/15/2016 12:55:00 AM	356100.000	71.839	17.957	163.744
29206.768	33746.605	21.323	22947.693	34.239
1.015	14.708			
8/15/2016 1:00:00 AM	356400.000	71.843	17.956	163.753
29204.354	33744.016	21.321	22945.932	34.241
1.015	14.706			
8/15/2016 1:05:00 AM	356700.000	71.836	17.957	163.737
29208.451	33748.684	21.324	22949.105	34.237
1.015	14.707			
8/15/2016 1:10:00 AM	357000.000	71.858	17.956	163.788
29196.295	33734.703	21.315	22939.598	34.251
1.015	14.708			
8/15/2016 1:15:00 AM	357300.000	71.829	17.957	163.721
29204.992	33744.684	21.322	22946.387	34.241
1.015	14.709			
8/15/2016 1:20:00 AM	357600.000	71.829	17.957	163.721
29195.141	33733.109	21.314	22938.516	34.252
1.015	14.708			
8/15/2016 1:25:00 AM	357900.000	71.844	17.957	163.755
29214.709	33755.781	21.329	22953.932	34.229
1.015	14.708			
8/15/2016 1:30:00 AM	358200.000	71.843	17.957	163.752
29191.500	33728.902	21.311	22935.656	34.257
1.015	14.707			
8/15/2016 1:35:00 AM	358500.000	71.819	17.956	163.697
29164.172	33697.781	21.289	22914.494	34.289
1.015	14.707			
8/15/2016 1:40:00 AM	358800.000	71.819	17.957	163.697
29198.736	33737.195	21.316	22941.293	34.248
1.015	14.707			
8/15/2016 1:45:00 AM	359100.000	71.814	17.957	163.686
29206.176	33745.789	21.322	22947.139	34.239
1.015	14.707			
8/15/2016 1:50:00 AM	359400.000	71.813	17.957	163.685
29208.025	33748.129	21.324	22948.730	34.237
1.015	14.706			
8/15/2016 1:55:00 AM	359700.000	71.829	17.957	163.721
29186.545	33723.309	21.307	22931.850	34.262

1.015	14.705				
8/15/2016 2:00:00 AM	360000.000	71.825	17.957	163.710	
29201.615	33740.719	21.319	22943.691	34.245	
1.015	14.704				
8/15/2016 2:05:00 AM	360300.000	71.805	17.956	163.665	
29190.645	33728.234	21.310	22935.199	34.258	
1.015	14.703				
8/15/2016 2:10:00 AM	360600.000	71.807	17.957	163.671	
29185.609	33722.160	21.306	22931.070	34.263	
1.015	14.702				
8/15/2016 2:15:00 AM	360900.000	71.820	17.957	163.701	
29190.543	33727.727	21.310	22934.855	34.258	
1.015	14.702				
8/15/2016 2:20:00 AM	361200.000	71.817	17.956	163.694	
29187.975	33725.090	21.308	22933.063	34.261	
1.015	14.702				
8/15/2016 2:25:00 AM	361500.000	71.792	17.957	163.635	
29189.645	33726.688	21.309	22934.148	34.259	
1.015	14.702				
8/15/2016 2:30:00 AM	361800.000	71.791	17.956	163.633	
29194.404	33732.648	21.313	22938.201	34.253	
1.015	14.703				
8/15/2016 2:35:00 AM	362100.000	71.805	17.957	163.666	
29190.146	33727.203	21.310	22934.500	34.258	
1.015	14.701				
8/15/2016 2:40:00 AM	362400.000	71.808	17.957	163.674	
29205.855	33745.684	21.322	22947.064	34.240	
1.015	14.700				
8/15/2016 2:45:00 AM	362700.000	71.803	17.956	163.662	
29221.316	33763.613	21.335	22959.260	34.222	
1.015	14.698				
8/15/2016 2:50:00 AM	363000.000	71.800	17.957	163.654	
29208.129	33748.246	21.324	22948.809	34.237	
1.015	14.698				
8/15/2016 2:55:00 AM	363300.000	71.781	17.957	163.611	
29174.873	33709.555	21.297	22922.498	34.276	
1.015	14.698				
8/15/2016 3:00:00 AM	363600.000	71.775	17.956	163.597	
29189.986	33727.664	21.310	22934.814	34.258	
1.015	14.698				
8/15/2016 3:05:00 AM	363900.000	71.777	17.956	163.603	
29194.600	33732.746	21.313	22938.270	34.253	
1.015	14.698				
8/15/2016 3:10:00 AM	364200.000	71.777	17.957	163.601	
29206.262	33746.023	21.323	22947.299	34.239	
1.015	14.698				
8/15/2016 3:15:00 AM	364500.000	71.773	17.957	163.592	
29214.266	33755.398	21.329	22953.672	34.230	
1.015	14.698				
8/15/2016 3:20:00 AM	364800.000	71.786	17.956	163.623	
29186.350	33723.344	21.307	22931.873	34.263	
1.015	14.697				
8/15/2016 3:25:00 AM	365100.000	71.786	17.957	163.624	
29214.209	33755.273	21.329	22953.586	34.230	
1.015	14.696				
8/15/2016 3:30:00 AM	365400.000	71.765	17.957	163.575	
29195.840	33733.980	21.314	22939.107	34.251	
1.015	14.695				

8/15/2016 3:35:00 AM	365700.000	71.786	17.957	163.623
29189.281	33726.270	21.309	22933.865	34.259
1.015	14.696			
8/15/2016 3:40:00 AM	366000.000	71.758	17.956	163.559
29190.549	33728.063	21.310	22935.084	34.258
1.015	14.698			
8/15/2016 3:45:00 AM	366300.000	71.756	17.957	163.554
29203.547	33742.887	21.320	22945.166	34.242
1.015	14.699			
8/15/2016 3:50:00 AM	366600.000	71.754	17.956	163.549
29204.480	33744.160	21.321	22946.029	34.241
1.015	14.698			
8/15/2016 3:55:00 AM	366900.000	71.767	17.957	163.580
29193.955	33731.668	21.313	22937.537	34.254
1.015	14.698			
8/15/2016 4:00:00 AM	367200.000	71.749	17.957	163.538
29203.434	33742.883	21.320	22945.162	34.243
1.015	14.697			
8/15/2016 4:05:00 AM	367500.000	71.745	17.957	163.530
29226.326	33769.203	21.339	22963.061	34.216
1.015	14.698			
8/15/2016 4:10:00 AM	367800.000	71.746	17.957	163.531
29202.840	33742.199	21.320	22944.697	34.243
1.015	14.698			
8/15/2016 4:15:00 AM	368100.000	71.744	17.957	163.526
29189.982	33727.281	21.310	22934.551	34.258
1.015	14.699			
8/15/2016 4:20:00 AM	368400.000	71.743	17.957	163.524
29201.348	33740.281	21.319	22943.393	34.245
1.015	14.700			
8/15/2016 4:25:00 AM	368700.000	71.738	17.957	163.514
29202.738	33741.887	21.320	22944.482	34.243
1.015	14.700			
8/15/2016 4:30:00 AM	369000.000	71.739	17.956	163.516
29203.553	33743.148	21.321	22945.344	34.242
1.015	14.701			
8/15/2016 4:35:00 AM	369300.000	71.760	17.957	163.563
29198.967	33737.594	21.317	22941.566	34.248
1.015	14.701			
8/15/2016 4:40:00 AM	369600.000	71.735	17.956	163.506
29184.709	33721.375	21.305	22930.537	34.265
1.015	14.700			
8/15/2016 4:45:00 AM	369900.000	71.735	17.957	163.506
29211.230	33751.895	21.327	22951.291	34.233
1.015	14.700			
8/15/2016 4:50:00 AM	370200.000	71.732	17.956	163.500
29194.502	33732.633	21.313	22938.191	34.253
1.015	14.701			
8/15/2016 4:55:00 AM	370500.000	71.747	17.957	163.534
29192.199	33729.711	21.311	22936.205	34.256
1.015	14.701			
8/15/2016 5:00:00 AM	370800.000	71.732	17.956	163.500
29204.268	33743.973	21.321	22945.904	34.242
1.015	14.702			
8/15/2016 5:05:00 AM	371100.000	71.725	17.957	163.484
29205.400	33745.094	21.322	22946.664	34.240
1.015	14.702			
8/15/2016 5:10:00 AM	371400.000	71.747	17.957	163.533

29192.979	33730.742	21.312	22936.904	34.255
1.015	14.703			
8/15/2016 5:15:00 AM	371700.000	71.722	17.956	163.476
29186.795	33723.922	21.307	22932.268	34.262
1.015	14.704			
8/15/2016 5:20:00 AM	372000.000	71.744	17.957	163.526
29182.854	33718.914	21.304	22928.861	34.267
1.015	14.705			
8/15/2016 5:25:00 AM	372300.000	71.741	17.957	163.519
29190.539	33727.922	21.310	22934.988	34.258
1.015	14.706			
8/15/2016 5:30:00 AM	372600.000	71.719	17.956	163.470
29195.275	33733.582	21.314	22938.838	34.252
1.015	14.707			
8/15/2016 5:35:00 AM	372900.000	71.722	17.957	163.477
29196.254	33734.527	21.315	22939.480	34.251
1.015	14.705			
8/15/2016 5:40:00 AM	373200.000	71.728	17.956	163.491
29209.152	33749.559	21.325	22949.699	34.236
1.015	14.702			
8/15/2016 5:45:00 AM	373500.000	71.727	17.957	163.487
29203.129	33742.340	21.320	22944.791	34.243
1.015	14.700			
8/15/2016 5:50:00 AM	373800.000	71.745	17.956	163.528
29182.795	33719.234	21.304	22929.080	34.267
1.015	14.702			
8/15/2016 5:55:00 AM	374100.000	71.737	17.957	163.510
29179.221	33714.777	21.301	22926.051	34.271
1.015	14.704			
8/15/2016 6:00:00 AM	374400.000	71.725	17.956	163.483
29202.611	33742.195	21.320	22944.695	34.244
1.015	14.705			
8/15/2016 6:05:00 AM	374700.000	71.725	17.956	163.483
29190.906	33728.477	21.310	22935.365	34.257
1.015	14.702			
8/15/2016 6:10:00 AM	375000.000	71.750	17.957	163.540
29199.604	33738.195	21.317	22941.975	34.247
1.015	14.699			
8/15/2016 6:15:00 AM	375300.000	71.755	17.956	163.551
29216.637	33758.207	21.331	22955.582	34.227
1.015	14.696			
8/15/2016 6:20:00 AM	375600.000	71.728	17.957	163.491
29202.574	33741.828	21.320	22944.445	34.244
1.015	14.699			
8/15/2016 6:25:00 AM	375900.000	71.724	17.957	163.480
29191.906	33729.566	21.311	22936.105	34.256
1.015	14.702			
8/15/2016 6:30:00 AM	376200.000	71.727	17.956	163.489
29192.586	33730.477	21.312	22936.727	34.255
1.015	14.705			
8/15/2016 6:35:00 AM	376500.000	71.724	17.957	163.482
29200.203	33739.020	21.318	22942.533	34.246
1.015	14.706			
8/15/2016 6:40:00 AM	376800.000	71.723	17.956	163.480
29195.301	33733.684	21.314	22938.906	34.252
1.015	14.707			
8/15/2016 6:45:00 AM	377100.000	71.726	17.956	163.486
29201.029	33740.305	21.319	22943.408	34.245

1.015	14.708				
8/15/2016 6:50:00 AM	377400.000	71.728	17.957	163.490	
29186.799	33723.602	21.307	22932.051	34.262	
1.015	14.709				
8/15/2016 6:55:00 AM	377700.000	71.733	17.956	163.501	
29197.014	33735.535	21.315	22940.164	34.250	
1.015	14.711				
8/15/2016 7:00:00 AM	378000.000	71.745	17.957	163.528	
29197.574	33736.051	21.316	22940.518	34.249	
1.015	14.712				
8/15/2016 7:05:00 AM	378300.000	71.732	17.957	163.500	
29187.256	33724.129	21.307	22932.410	34.262	
1.015	14.712				
8/15/2016 7:10:00 AM	378600.000	71.727	17.957	163.488	
29196.811	33735.039	21.315	22939.826	34.250	
1.015	14.712				
8/15/2016 7:15:00 AM	378900.000	71.731	17.957	163.497	
29213.141	33754.102	21.328	22952.789	34.231	
1.015	14.713				
8/15/2016 7:20:00 AM	379200.000	71.751	17.957	163.542	
29223.984	33766.566	21.337	22961.268	34.218	
1.015	14.714				
8/15/2016 7:25:00 AM	379500.000	71.751	17.956	163.543	
29223.984	33766.695	21.337	22961.355	34.218	
1.015	14.715				
8/15/2016 7:30:00 AM	379800.000	71.732	17.957	163.498	
29203.496	33742.957	21.320	22945.211	34.242	
1.015	14.717				
8/15/2016 7:35:00 AM	380100.000	71.741	17.957	163.521	
29197.367	33735.543	21.315	22940.170	34.250	
1.015	14.716				
8/15/2016 7:40:00 AM	380400.000	71.738	17.956	163.513	
29203.486	33743.012	21.320	22945.250	34.242	
1.015	14.716				
8/15/2016 7:45:00 AM	380700.000	71.737	17.956	163.511	
29199.010	33737.840	21.317	22941.732	34.248	
1.015	14.715				
8/15/2016 7:50:00 AM	381000.000	71.742	17.957	163.522	
29205.305	33744.785	21.322	22946.457	34.240	
1.015	14.717				
8/15/2016 7:55:00 AM	381300.000	71.759	17.957	163.561	
29218.504	33760.168	21.332	22956.914	34.225	
1.015	14.719				
8/15/2016 8:00:00 AM	381600.000	71.738	17.956	163.513	
29197.666	33736.418	21.316	22940.766	34.249	
1.015	14.720				
8/15/2016 8:05:00 AM	381900.000	71.747	17.957	163.534	
29208.922	33749.031	21.325	22949.342	34.236	
1.015	14.720				
8/15/2016 8:10:00 AM	382200.000	71.745	17.956	163.530	
29206.070	33746.055	21.323	22947.318	34.239	
1.015	14.719				
8/15/2016 8:15:00 AM	382500.000	71.767	17.957	163.579	
29211.719	33752.395	21.327	22951.629	34.233	
1.015	14.719				
8/15/2016 8:20:00 AM	382800.000	71.750	17.957	163.541	
29183.564	33719.863	21.304	22929.508	34.266	
1.015	14.719				

8/15/2016 8:25:00 AM	383100.000	71.752	17.957	163.546
29195.658	33733.898	21.314	22939.053	34.252
1.015	14.719			
8/15/2016 8:30:00 AM	383400.000	71.770	17.957	163.587
29212.340	33753.113	21.328	22952.117	34.232
1.015	14.719			
8/15/2016 8:35:00 AM	383700.000	71.752	17.957	163.546
29196.629	33735.023	21.315	22939.818	34.251
1.015	14.719			
8/15/2016 8:40:00 AM	384000.000	71.760	17.957	163.564
29219.410	33760.883	21.333	22957.400	34.224
1.015	14.719			
8/15/2016 8:45:00 AM	384300.000	71.759	17.957	163.560
29204.211	33743.652	21.321	22945.684	34.242
1.015	14.719			
8/15/2016 8:50:00 AM	384600.000	71.762	17.956	163.567
29193.600	33731.590	21.313	22937.480	34.254
1.015	14.720			
8/15/2016 8:55:00 AM	384900.000	71.766	17.956	163.576
29198.805	33737.660	21.317	22941.609	34.248
1.015	14.721			
8/15/2016 9:00:00 AM	385200.000	71.761	17.956	163.566
29200.508	33739.820	21.318	22943.078	34.246
1.015	14.722			
8/15/2016 9:05:00 AM	385500.000	71.766	17.957	163.577
29216.549	33758.039	21.331	22955.467	34.227
1.015	14.723			
8/15/2016 9:10:00 AM	385800.000	71.763	17.957	163.570
29191.871	33729.395	21.311	22935.990	34.256
1.015	14.723			
8/15/2016 9:15:00 AM	386100.000	71.768	17.957	163.582
29204.398	33743.605	21.321	22945.654	34.241
1.015	14.724			
8/15/2016 9:20:00 AM	386400.000	71.767	17.957	163.580
29199.184	33737.645	21.317	22941.600	34.248
1.015	14.725			
8/15/2016 9:25:00 AM	386700.000	71.770	17.957	163.586
29185.693	33721.926	21.306	22930.912	34.263
1.015	14.726			
8/15/2016 9:30:00 AM	387000.000	71.775	17.957	163.596
29198.072	33736.496	21.316	22940.818	34.249
1.015	14.726			
8/15/2016 9:35:00 AM	387300.000	71.774	17.957	163.594
29206.660	33746.480	21.323	22947.609	34.239
1.015	14.726			
8/15/2016 9:40:00 AM	387600.000	71.798	17.957	163.649
29202.512	33741.688	21.320	22944.350	34.244
1.015	14.725			
8/15/2016 9:45:00 AM	387900.000	71.780	17.956	163.609
29197.934	33736.848	21.316	22941.057	34.249
1.015	14.725			
8/15/2016 9:50:00 AM	388200.000	71.784	17.957	163.618
29197.053	33735.383	21.315	22940.063	34.250
1.015	14.725			
8/15/2016 9:55:00 AM	388500.000	71.786	17.956	163.622
29200.641	33739.918	21.318	22943.146	34.246
1.015	14.725			
8/15/2016 10:00:00 AM	388800.000	71.782	17.956	163.613

29200.865	33739.984	21.318	22943.189	34.246
1.015	14.726			
8/15/2016 10:05:00 AM	389100.000	71.780	17.956	163.610
29204.453	33744.586	21.322	22946.320	34.241
1.015	14.726			
8/15/2016 10:10:00 AM	389400.000	71.806	17.957	163.669
29208.234	33748.430	21.324	22948.934	34.237
1.015	14.726			
8/15/2016 10:15:00 AM	389700.000	71.806	17.957	163.667
29209.176	33749.457	21.325	22949.633	34.236
1.015	14.726			
8/15/2016 10:20:00 AM	390000.000	71.785	17.956	163.620
29189.744	33727.191	21.309	22934.492	34.259
1.015	14.728			
8/15/2016 10:25:00 AM	390300.000	71.786	17.957	163.622
29205.025	33744.594	21.322	22946.326	34.241
1.015	14.730			
8/15/2016 10:30:00 AM	390600.000	71.809	17.957	163.675
29203.777	33743.152	21.321	22945.346	34.242
1.015	14.732			
8/15/2016 10:35:00 AM	390900.000	71.808	17.957	163.673
29203.775	33743.148	21.321	22945.344	34.242
1.015	14.732			
8/15/2016 10:40:00 AM	391200.000	71.796	17.956	163.644
29187.568	33724.750	21.308	22932.830	34.261
1.015	14.731			
8/15/2016 10:45:00 AM	391500.000	71.812	17.957	163.681
29206.477	33746.398	21.323	22947.551	34.239
1.015	14.731			
8/15/2016 10:50:00 AM	391800.000	71.821	17.956	163.702
29203.445	33742.965	21.320	22945.217	34.243
1.015	14.730			
8/15/2016 10:55:00 AM	392100.000	71.820	17.957	163.699
29186.297	33722.820	21.306	22931.520	34.263
1.015	14.729			
8/15/2016 11:00:00 AM	392400.000	71.800	17.956	163.655
29197.428	33736.262	21.316	22940.658	34.250
1.015	14.728			
8/15/2016 11:05:00 AM	392700.000	71.818	17.956	163.696
29186.836	33723.832	21.307	22932.207	34.262
1.015	14.730			
8/15/2016 11:10:00 AM	393000.000	71.798	17.957	163.649
29206.020	33745.871	21.322	22947.195	34.240
1.015	14.732			
8/15/2016 11:15:00 AM	393300.000	71.801	17.957	163.656
29204.053	33743.535	21.321	22945.604	34.242
1.015	14.734			
8/15/2016 11:20:00 AM	393600.000	71.799	17.956	163.652
29185.023	33721.680	21.306	22930.744	34.264
1.015	14.733			
8/15/2016 11:25:00 AM	393900.000	71.804	17.957	163.663
29211.918	33752.625	21.327	22951.785	34.233
1.015	14.732			
8/15/2016 11:30:00 AM	394200.000	71.804	17.957	163.664
29195.543	33733.637	21.314	22938.873	34.252
1.015	14.731			
8/15/2016 11:35:00 AM	394500.000	71.823	17.957	163.706
29184.268	33720.738	21.305	22930.104	34.265

1.015	14.731			
8/15/2016 11:40:00 AM	394800.000	71.806	17.956	163.668
29217.559	33759.332	21.332	22956.346	34.226
1.015	14.730			
8/15/2016 11:45:00 AM	395100.000	71.801	17.956	163.657
29196.313	33734.723	21.315	22939.613	34.251
1.015	14.729			
8/15/2016 11:50:00 AM	395400.000	71.807	17.956	163.670
29197.891	33736.547	21.316	22940.854	34.249
1.015	14.728			
8/15/2016 11:55:00 AM	395700.000	71.805	17.957	163.666
29201.822	33740.629	21.319	22943.629	34.244
1.015	14.727			
8/15/2016 12:00:00 PM	396000.000	71.828	17.957	163.717
29224.654	33767.340	21.337	22961.793	34.218
1.015	14.726			
8/15/2016 12:05:00 PM	396300.000	71.822	17.957	163.705
29202.381	33741.605	21.320	22944.293	34.244
1.015	14.726			
8/15/2016 12:10:00 PM	396600.000	71.807	17.956	163.670
29195.154	33733.445	21.314	22938.744	34.252
1.015	14.727			
8/15/2016 12:15:00 PM	396900.000	71.829	17.956	163.720
29207.990	33748.410	21.324	22948.922	34.237
1.015	14.727			
8/15/2016 12:20:00 PM	397200.000	71.806	17.956	163.668
29211.070	33751.969	21.327	22951.342	34.234
1.015	14.725			
8/15/2016 12:25:00 PM	397500.000	71.811	17.957	163.680
29200.846	33739.895	21.318	22943.131	34.246
1.015	14.724			
8/15/2016 12:30:00 PM	397800.000	71.812	17.956	163.681
29200.781	33739.945	21.318	22943.162	34.246
1.015	14.722			
8/15/2016 12:35:00 PM	398100.000	71.809	17.957	163.676
29188.727	33725.828	21.309	22933.563	34.260
1.015	14.720			
8/15/2016 12:40:00 PM	398400.000	71.814	17.957	163.686
29195.080	33733.230	21.314	22938.598	34.252
1.015	14.719			
8/15/2016 12:45:00 PM	398700.000	71.836	17.957	163.737
29182.609	33718.824	21.304	22928.803	34.267
1.015	14.717			
8/15/2016 12:50:00 PM	399000.000	71.817	17.956	163.693
29209.602	33750.328	21.326	22950.225	34.235
1.015	14.716			
8/15/2016 12:55:00 PM	399300.000	71.819	17.956	163.697
29198.018	33736.750	21.316	22940.990	34.249
1.015	14.715			
8/15/2016 1:00:00 PM	399600.000	71.822	17.956	163.705
29186.531	33723.422	21.307	22931.928	34.262
1.015	14.714			
8/15/2016 1:05:00 PM	399900.000	71.832	17.957	163.726
29209.363	33749.543	21.325	22949.689	34.236
1.015	14.717			
8/15/2016 1:10:00 PM	400200.000	71.807	17.956	163.670
29211.340	33752.086	21.327	22951.420	34.233
1.015	14.720			

8/15/2016 1:15:00 PM	400500.000	71.810	17.956	163.677
29210.469	33751.406	21.326	22950.959	34.234
1.015	14.723			
8/15/2016 1:20:00 PM	400800.000	71.831	17.956	163.726
29203.275	33742.898	21.320	22945.174	34.243
1.015	14.722			
8/15/2016 1:25:00 PM	401100.000	71.826	17.956	163.714
29199.066	33737.906	21.317	22941.777	34.248
1.015	14.721			
8/15/2016 1:30:00 PM	401400.000	71.808	17.957	163.672
29203.885	33743.211	21.321	22945.383	34.242
1.015	14.720			
8/15/2016 1:35:00 PM	401700.000	71.812	17.957	163.682
29173.248	33707.613	21.296	22921.180	34.278
1.015	14.718			
8/15/2016 1:40:00 PM	402000.000	71.831	17.957	163.725
29189.254	33726.438	21.309	22933.979	34.259
1.015	14.716			
8/15/2016 1:45:00 PM	402300.000	71.806	17.957	163.668
29203.584	33742.930	21.320	22945.193	34.242
1.015	14.714			
8/15/2016 1:50:00 PM	402600.000	71.830	17.957	163.722
29184.973	33721.422	21.305	22930.566	34.264
1.015	14.716			
8/15/2016 1:55:00 PM	402900.000	71.824	17.956	163.710
29205.209	33745.063	21.322	22946.645	34.240
1.015	14.719			
8/15/2016 2:00:00 PM	403200.000	71.806	17.956	163.669
29221.865	33764.379	21.335	22959.777	34.221
1.015	14.721			
8/15/2016 2:05:00 PM	403500.000	71.805	17.956	163.665
29184.490	33721.258	21.305	22930.457	34.265
1.015	14.719			
8/15/2016 2:10:00 PM	403800.000	71.806	17.956	163.667
29208.746	33749.285	21.325	22949.514	34.236
1.015	14.717			
8/15/2016 2:15:00 PM	404100.000	71.808	17.956	163.672
29201.371	33740.570	21.319	22943.588	34.245
1.015	14.716			
8/15/2016 2:20:00 PM	404400.000	71.805	17.957	163.666
29206.285	33745.984	21.323	22947.271	34.239
1.015	14.717			
8/15/2016 2:25:00 PM	404700.000	71.811	17.957	163.679
29194.676	33732.637	21.313	22938.193	34.253
1.015	14.719			
8/15/2016 2:30:00 PM	405000.000	71.802	17.957	163.658
29217.473	33758.844	21.332	22956.014	34.226
1.015	14.721			
8/15/2016 2:35:00 PM	405300.000	71.805	17.956	163.667
29203.238	33742.785	21.320	22945.096	34.243
1.015	14.720			
8/15/2016 2:40:00 PM	405600.000	71.822	17.956	163.706
29220.215	33762.594	21.334	22958.564	34.223
1.015	14.720			
8/15/2016 2:45:00 PM	405900.000	71.803	17.957	163.660
29189.893	33727.109	21.309	22934.438	34.258
1.015	14.720			
8/15/2016 2:50:00 PM	406200.000	71.822	17.957	163.703

29202.719	33741.797	21.320	22944.424	34.243
1.015	14.718			
8/15/2016 2:55:00 PM	406500.000	71.820	17.956	163.700
29203.016	33742.527	21.320	22944.920	34.243
1.015	14.716			
8/15/2016 3:00:00 PM	406800.000	71.825	17.957	163.711
29201.115	33740.012	21.318	22943.211	34.245
1.015	14.714			
8/15/2016 3:05:00 PM	407100.000	71.807	17.956	163.670
29197.053	33735.902	21.316	22940.414	34.250
1.015	14.712			
8/15/2016 3:10:00 PM	407400.000	71.809	17.956	163.675
29210.623	33751.391	21.326	22950.947	34.234
1.015	14.710			
8/15/2016 3:15:00 PM	407700.000	71.810	17.956	163.676
29201.965	33741.383	21.319	22944.141	34.244
1.015	14.709			
8/15/2016 3:20:00 PM	408000.000	71.804	17.957	163.664
29216.719	33758.043	21.331	22955.469	34.227
1.015	14.711			
8/15/2016 3:25:00 PM	408300.000	71.804	17.957	163.663
29200.377	33739.160	21.318	22942.631	34.246
1.015	14.713			
8/15/2016 3:30:00 PM	408600.000	71.800	17.957	163.654
29201.500	33740.648	21.319	22943.643	34.245
1.015	14.716			
8/15/2016 3:35:00 PM	408900.000	71.812	17.956	163.681
29177.807	33713.398	21.300	22925.111	34.273
1.015	14.713			
8/15/2016 3:40:00 PM	409200.000	71.825	17.956	163.710
29191.193	33728.809	21.311	22935.590	34.257
1.015	14.710			
8/15/2016 3:45:00 PM	409500.000	71.810	17.957	163.678
29209.383	33749.695	21.325	22949.795	34.236
1.015	14.707			
8/15/2016 3:50:00 PM	409800.000	71.808	17.957	163.672
29199.496	33738.141	21.317	22941.936	34.247
1.015	14.708			
8/15/2016 3:55:00 PM	410100.000	71.805	17.956	163.667
29198.086	33736.902	21.316	22941.096	34.249
1.015	14.709			
8/15/2016 4:00:00 PM	410400.000	71.804	17.956	163.664
29193.598	33731.586	21.313	22937.479	34.254
1.015	14.710			
8/15/2016 4:05:00 PM	410700.000	71.805	17.957	163.666
29228.215	33771.453	21.340	22964.588	34.214
1.015	14.710			
8/15/2016 4:10:00 PM	411000.000	71.821	17.957	163.702
29183.336	33719.469	21.304	22929.240	34.266
1.015	14.709			
8/15/2016 4:15:00 PM	411300.000	71.806	17.957	163.668
29193.223	33731.023	21.312	22937.098	34.255
1.015	14.709			
8/15/2016 4:20:00 PM	411600.000	71.807	17.956	163.669
29227.680	33771.098	21.340	22964.346	34.214
1.015	14.708			
8/15/2016 4:25:00 PM	411900.000	71.806	17.957	163.668
29218.293	33759.992	21.332	22956.797	34.225

1.015	14.708			
8/15/2016 4:30:00 PM	412200.000	71.825	17.956	163.712
29201.088	33740.301	21.319	22943.404	34.245
1.015	14.707			
8/15/2016 4:35:00 PM	412500.000	71.807	17.956	163.670
29207.266	33747.379	21.324	22948.219	34.238
1.015	14.706			
8/15/2016 4:40:00 PM	412800.000	71.813	17.957	163.685
29188.049	33725.109	21.308	22933.074	34.261
1.015	14.704			
8/15/2016 4:45:00 PM	413100.000	71.813	17.957	163.685
29204.227	33743.801	21.321	22945.785	34.242
1.015	14.703			
8/15/2016 4:50:00 PM	413400.000	71.811	17.957	163.680
29205.230	33744.961	21.322	22946.574	34.240
1.015	14.702			
8/15/2016 4:55:00 PM	413700.000	71.814	17.956	163.686
29209.619	33750.156	21.325	22950.107	34.235
1.015	14.702			
8/15/2016 5:00:00 PM	414000.000	71.817	17.957	163.693
29192.967	33730.660	21.312	22936.852	34.255
1.015	14.702			
8/15/2016 5:05:00 PM	414300.000	71.836	17.956	163.735
29199.037	33737.871	21.317	22941.754	34.248
1.015	14.703			
8/15/2016 5:10:00 PM	414600.000	71.821	17.957	163.703
29204.781	33744.313	21.321	22946.135	34.241
1.015	14.705			
8/15/2016 5:15:00 PM	414900.000	71.821	17.957	163.702
29196.227	33734.559	21.315	22939.500	34.251
1.015	14.706			
8/15/2016 5:20:00 PM	415200.000	71.819	17.957	163.699
29200.820	33739.734	21.318	22943.020	34.246
1.015	14.706			
8/15/2016 5:25:00 PM	415500.000	71.833	17.957	163.729
29192.420	33730.027	21.311	22936.418	34.255
1.015	14.706			
8/15/2016 5:30:00 PM	415800.000	71.836	17.956	163.737
29191.170	33728.910	21.311	22935.660	34.257
1.015	14.706			
8/15/2016 5:35:00 PM	416100.000	71.843	17.957	163.752
29222.752	33765.207	21.336	22960.342	34.220
1.015	14.705			
8/15/2016 5:40:00 PM	416400.000	71.846	17.957	163.760
29212.549	33753.418	21.328	22952.326	34.232
1.015	14.704			
8/15/2016 5:45:00 PM	416700.000	71.847	17.957	163.761
29207.463	33747.410	21.324	22948.240	34.238
1.015	14.702			
8/15/2016 5:50:00 PM	417000.000	71.842	17.957	163.751
29219.521	33761.281	21.333	22957.672	34.224
1.015	14.703			
8/15/2016 5:55:00 PM	417300.000	71.825	17.957	163.710
29211.459	33752.094	21.327	22951.426	34.233
1.015	14.705			
8/15/2016 6:00:00 PM	417600.000	71.826	17.957	163.713
29213.982	33754.941	21.329	22953.361	34.230
1.015	14.706			

8/15/2016 6:05:00 PM	417900.000	71.833	17.956	163.729
29206.939	33747.004	21.323	22947.963	34.238
1.015	14.703			
8/15/2016 6:10:00 PM	418200.000	71.854	17.956	163.778
29216.283	33757.855	21.331	22955.344	34.227
1.015	14.701			
8/15/2016 6:15:00 PM	418500.000	71.841	17.957	163.748
29218.990	33760.797	21.333	22957.342	34.224
1.015	14.699			
8/15/2016 6:20:00 PM	418800.000	71.858	17.957	163.786
29197.918	33736.117	21.316	22940.561	34.249
1.015	14.700			
8/15/2016 6:25:00 PM	419100.000	71.859	17.957	163.789
29204.303	33743.887	21.321	22945.844	34.242
1.015	14.700			
8/15/2016 6:30:00 PM	419400.000	71.838	17.956	163.740
29203.031	33742.543	21.320	22944.932	34.243
1.015	14.701			
8/15/2016 6:35:00 PM	419700.000	71.839	17.957	163.743
29187.713	33724.719	21.308	22932.811	34.261
1.015	14.701			
8/15/2016 6:40:00 PM	420000.000	71.844	17.956	163.755
29203.559	33743.152	21.321	22945.346	34.242
1.015	14.702			
8/15/2016 6:45:00 PM	420300.000	71.838	17.957	163.741
29208.408	33748.500	21.324	22948.982	34.237
1.015	14.702			
8/15/2016 6:50:00 PM	420600.000	71.844	17.957	163.755
29193.330	33730.949	21.312	22937.047	34.254
1.015	14.701			
8/15/2016 6:55:00 PM	420900.000	71.869	17.956	163.811
29207.631	33748.184	21.324	22948.768	34.238
1.015	14.701			
8/15/2016 7:00:00 PM	421200.000	71.857	17.957	163.785
29219.008	33760.816	21.333	22957.357	34.224
1.015	14.700			
8/15/2016 7:05:00 PM	421500.000	71.875	17.957	163.824
29188.428	33725.414	21.308	22933.283	34.260
1.015	14.700			
8/15/2016 7:10:00 PM	421800.000	71.854	17.956	163.776
29173.977	33709.047	21.297	22922.154	34.277
1.015	14.700			
8/15/2016 7:15:00 PM	422100.000	71.856	17.956	163.783
29219.930	33762.012	21.334	22958.170	34.223
1.015	14.700			
8/15/2016 7:20:00 PM	422400.000	71.863	17.956	163.798
29193.057	33731.211	21.312	22937.225	34.255
1.015	14.700			
8/15/2016 7:25:00 PM	422700.000	71.864	17.957	163.801
29208.699	33748.840	21.325	22949.211	34.236
1.015	14.699			
8/15/2016 7:30:00 PM	423000.000	71.869	17.956	163.813
29203.967	33743.699	21.321	22945.717	34.242
1.015	14.698			
8/15/2016 7:35:00 PM	423300.000	71.870	17.957	163.814
29199.158	33737.945	21.317	22941.803	34.248
1.015	14.699			
8/15/2016 7:40:00 PM	423600.000	71.891	17.957	163.862

29194.500	33732.563	21.313	22938.143	34.253
1.015	14.700			
8/15/2016 7:45:00 PM	423900.000	71.893	17.957	163.866
29198.285	33736.934	21.316	22941.117	34.249
1.015	14.701			
8/15/2016 7:50:00 PM	424200.000	71.873	17.957	163.821
29175.840	33711.000	21.298	22923.480	34.275
1.015	14.702			
8/15/2016 7:55:00 PM	424500.000	71.873	17.957	163.821
29219.676	33761.520	21.333	22957.834	34.224
1.015	14.703			
8/15/2016 8:00:00 PM	424800.000	71.875	17.957	163.826
29218.600	33760.277	21.333	22956.990	34.225
1.015	14.704			
8/15/2016 8:05:00 PM	425100.000	71.902	17.956	163.886
29201.730	33740.984	21.319	22943.871	34.245
1.015	14.704			
8/15/2016 8:10:00 PM	425400.000	71.903	17.957	163.889
29187.619	33724.480	21.308	22932.648	34.261
1.015	14.703			
8/15/2016 8:15:00 PM	425700.000	71.884	17.956	163.845
29232.166	33776.402	21.344	22967.955	34.209
1.015	14.703			
8/15/2016 8:20:00 PM	426000.000	71.885	17.956	163.849
29186.207	33723.105	21.307	22931.713	34.263
1.015	14.703			
8/15/2016 8:25:00 PM	426300.000	71.887	17.957	163.853
29209.879	33750.000	21.325	22950.000	34.235
1.015	14.704			
8/15/2016 8:30:00 PM	426600.000	71.892	17.957	163.863
29203.992	33743.199	21.321	22945.375	34.242
1.015	14.704			
8/15/2016 8:35:00 PM	426900.000	71.900	17.957	163.883
29200.684	33739.707	21.318	22943.002	34.246
1.015	14.704			
8/15/2016 8:40:00 PM	427200.000	71.914	17.956	163.915
29213.633	33754.793	21.329	22953.260	34.231
1.015	14.703			
8/15/2016 8:45:00 PM	427500.000	71.897	17.956	163.875
29199.691	33738.758	21.318	22942.355	34.247
1.015	14.703			
8/15/2016 8:50:00 PM	427800.000	71.896	17.956	163.873
29202.023	33741.320	21.319	22944.100	34.244
1.015	14.704			
8/15/2016 8:55:00 PM	428100.000	71.901	17.957	163.885
29193.941	33731.855	21.313	22937.664	34.254
1.015	14.704			
8/15/2016 9:00:00 PM	428400.000	71.905	17.956	163.893
29190.543	33728.059	21.310	22935.082	34.258
1.015	14.705			
8/15/2016 9:05:00 PM	428700.000	71.925	17.956	163.940
29196.709	33735.184	21.315	22939.926	34.250
1.015	14.703			
8/15/2016 9:10:00 PM	429000.000	71.912	17.957	163.909
29200.457	33739.445	21.318	22942.824	34.246
1.015	14.702			
8/15/2016 9:15:00 PM	429300.000	71.933	17.956	163.957
29201.602	33741.160	21.319	22943.988	34.245

1.015	14.701			
8/15/2016 9:20:00 PM	429600.000	71.911	17.956	163.908
29213.340	33754.457	21.328	22953.031	34.231
1.015	14.703			
8/15/2016 9:25:00 PM	429900.000	71.931	17.956	163.953
29215.273	33756.633	21.330	22954.512	34.229
1.015	14.705			
8/15/2016 9:30:00 PM	430200.000	71.907	17.957	163.898
29202.719	33741.930	21.320	22944.514	34.243
1.015	14.708			
8/15/2016 9:35:00 PM	430500.000	71.913	17.957	163.912
29194.678	33732.703	21.313	22938.240	34.253
1.015	14.709			
8/15/2016 9:40:00 PM	430800.000	71.911	17.957	163.908
29215.305	33756.469	21.330	22954.398	34.229
1.015	14.711			
8/15/2016 9:45:00 PM	431100.000	71.912	17.957	163.909
29203.588	33742.602	21.320	22944.969	34.242
1.015	14.713			
8/15/2016 9:50:00 PM	431400.000	71.913	17.956	163.912
29192.225	33730.195	21.312	22936.535	34.256
1.015	14.712			
8/15/2016 9:55:00 PM	431700.000	71.936	17.956	163.963
29205.461	33745.426	21.322	22946.893	34.240
1.015	14.710			
8/15/2016 10:00:00 PM	432000.000	71.919	17.957	163.925
29205.074	33744.449	21.322	22946.229	34.241
1.015	14.709			
8/15/2016 10:05:00 PM	432300.000	71.919	17.956	163.926
29210.615	33751.379	21.326	22950.939	34.234
1.015	14.710			
8/15/2016 10:10:00 PM	432600.000	71.933	17.956	163.958
29186.992	33724.086	21.307	22932.381	34.262
1.015	14.712			
8/15/2016 10:15:00 PM	432900.000	71.915	17.956	163.916
29207.707	33747.949	21.324	22948.607	34.238
1.015	14.713			
8/15/2016 10:20:00 PM	433200.000	71.917	17.957	163.922
29203.260	33742.422	21.320	22944.850	34.243
1.015	14.712			
8/15/2016 10:25:00 PM	433500.000	71.912	17.957	163.910
29212.291	33753.117	21.328	22952.119	34.232
1.015	14.710			
8/15/2016 10:30:00 PM	433800.000	71.919	17.957	163.926
29212.783	33753.426	21.328	22952.332	34.232
1.015	14.709			
8/15/2016 10:35:00 PM	434100.000	71.921	17.956	163.929
29207.418	33747.613	21.324	22948.377	34.238
1.015	14.707			
8/15/2016 10:40:00 PM	434400.000	71.925	17.957	163.939
29193.727	33731.605	21.313	22937.492	34.254
1.015	14.706			
8/15/2016 10:45:00 PM	434700.000	71.941	17.957	163.975
29198.352	33736.684	21.316	22940.947	34.249
1.015	14.705			
8/15/2016 10:50:00 PM	435000.000	71.939	17.957	163.972
29202.787	33742.008	21.320	22944.566	34.243
1.015	14.704			

8/15/2016 10:55:00 PM	435300.000	71.923	17.956	163.935
29205.273	33745.207	21.322	22946.740	34.240
1.015	14.703			
8/15/2016 11:00:00 PM	435600.000	71.928	17.957	163.945
29198.840	33737.445	21.317	22941.463	34.248
1.015	14.702			
8/15/2016 11:05:00 PM	435900.000	71.941	17.957	163.975
29194.682	33732.508	21.313	22938.107	34.253
1.015	14.701			
8/15/2016 11:10:00 PM	436200.000	71.927	17.957	163.944
29218.266	33759.957	21.332	22956.771	34.225
1.015	14.700			
8/15/2016 11:15:00 PM	436500.000	71.925	17.957	163.938
29203.535	33742.938	21.320	22945.197	34.242
1.015	14.700			
8/15/2016 11:20:00 PM	436800.000	71.922	17.956	163.932
29197.672	33736.488	21.316	22940.813	34.249
1.015	14.702			
8/15/2016 11:25:00 PM	437100.000	71.939	17.957	163.971
29200.207	33738.762	21.318	22942.357	34.246
1.015	14.704			
8/15/2016 11:30:00 PM	437400.000	71.932	17.957	163.954
29210.367	33750.766	21.326	22950.523	34.234
1.015	14.706			
8/15/2016 11:35:00 PM	437700.000	71.915	17.956	163.916
29209.469	33749.984	21.325	22949.992	34.235
1.015	14.704			
8/15/2016 11:40:00 PM	438000.000	71.915	17.957	163.917
29207.049	33746.797	21.323	22947.822	34.238
1.015	14.703			
8/15/2016 11:45:00 PM	438300.000	71.916	17.956	163.918
29213.033	33754.426	21.328	22953.010	34.231
1.015	14.701			
8/15/2016 11:50:00 PM	438600.000	71.933	17.956	163.958
29211.613	33752.402	21.327	22951.635	34.233
1.015	14.702			
8/15/2016 11:55:00 PM	438900.000	71.932	17.957	163.955
29222.031	33764.309	21.335	22959.732	34.221
1.015	14.704			
8/16/2016 12:00:00 AM	439200.000	71.932	17.957	163.955
29200.703	33739.535	21.318	22942.887	34.246
1.015	14.705			
8/16/2016 12:05:00 AM	439500.000	71.909	17.957	163.903
29222.377	33764.578	21.336	22959.916	34.220
1.015	14.705			
8/16/2016 12:10:00 AM	439800.000	71.924	17.957	163.937
29189.236	33726.148	21.309	22933.783	34.259
1.015	14.705			
8/16/2016 12:15:00 AM	440100.000	71.925	17.956	163.940
29195.057	33733.332	21.314	22938.668	34.252
1.015	14.705			
8/16/2016 12:20:00 AM	440400.000	71.922	17.956	163.932
29205.563	33745.410	21.322	22946.881	34.240
1.015	14.705			
8/16/2016 12:25:00 AM	440700.000	71.901	17.957	163.884
29183.236	33719.086	21.304	22928.980	34.266
1.015	14.705			
8/16/2016 12:30:00 AM	441000.000	71.920	17.957	163.928

29195.344	33733.273	21.314	22938.627	34.252
1.015	14.705			
8/16/2016 12:35:00 AM	441300.000	71.900	17.957	163.882
29198.076	33736.695	21.316	22940.955	34.249
1.015	14.704			
8/16/2016 12:40:00 AM	441600.000	71.898	17.957	163.879
29209.340	33749.445	21.325	22949.625	34.236
1.015	14.704			
8/16/2016 12:45:00 AM	441900.000	71.896	17.957	163.874
29199.580	33738.367	21.317	22942.092	34.247
1.015	14.704			
8/16/2016 12:50:00 AM	442200.000	71.908	17.957	163.901
29212.650	33753.402	21.328	22952.316	34.232
1.015	14.703			
8/16/2016 12:55:00 AM	442500.000	71.911	17.957	163.908
29189.275	33726.195	21.309	22933.813	34.259
1.015	14.703			
8/16/2016 1:00:00 AM	442800.000	71.885	17.957	163.849
29210.908	33751.520	21.326	22951.035	34.234
1.015	14.703			
8/16/2016 1:05:00 AM	443100.000	71.884	17.957	163.845
29218.582	33760.195	21.332	22956.934	34.225
1.015	14.701			
8/16/2016 1:10:00 AM	443400.000	71.903	17.956	163.890
29202.816	33742.367	21.320	22944.811	34.243
1.015	14.700			
8/16/2016 1:15:00 AM	443700.000	71.881	17.957	163.839
29206.771	33746.742	21.323	22947.787	34.239
1.015	14.699			
8/16/2016 1:20:00 AM	444000.000	71.877	17.956	163.830
29206.127	33746.063	21.323	22947.322	34.239
1.015	14.699			
8/16/2016 1:25:00 AM	444300.000	71.879	17.956	163.833
29211.342	33752.148	21.327	22951.461	34.233
1.015	14.699			
8/16/2016 1:30:00 AM	444600.000	71.885	17.957	163.847
29200.016	33738.871	21.318	22942.432	34.247
1.015	14.699			
8/16/2016 1:35:00 AM	444900.000	71.886	17.957	163.850
29219.557	33761.383	21.333	22957.740	34.224
1.015	14.699			
8/16/2016 1:40:00 AM	445200.000	71.866	17.957	163.804
29189.049	33726.133	21.309	22933.773	34.259
1.015	14.699			
8/16/2016 1:45:00 AM	445500.000	71.882	17.957	163.840
29218.102	33759.770	21.332	22956.645	34.225
1.015	14.699			
8/16/2016 1:50:00 AM	445800.000	71.858	17.956	163.787
29180.137	33716.035	21.302	22926.904	34.270
1.015	14.698			
8/16/2016 1:55:00 AM	446100.000	71.864	17.956	163.799
29198.033	33736.711	21.316	22940.963	34.249
1.015	14.696			
8/16/2016 2:00:00 AM	446400.000	71.854	17.957	163.777
29217.734	33759.078	21.332	22956.176	34.226
1.015	14.695			
8/16/2016 2:05:00 AM	446700.000	71.851	17.957	163.771
29184.277	33720.750	21.305	22930.111	34.265

1.015	14.695			
8/16/2016 2:10:00 AM	447000.000	71.849	17.957	163.767
29192.975	33730.801	21.312	22936.947	34.255
1.015	14.695			
8/16/2016 2:15:00 AM	447300.000	71.844	17.957	163.754
29213.191	33754.160	21.328	22952.832	34.231
1.015	14.695			
8/16/2016 2:20:00 AM	447600.000	71.844	17.956	163.754
29205.746	33746.004	21.323	22947.285	34.240
1.015	14.694			
8/16/2016 2:25:00 AM	447900.000	71.842	17.957	163.750
29192.408	33730.082	21.312	22936.457	34.255
1.015	14.693			
8/16/2016 2:30:00 AM	448200.000	71.839	17.956	163.743
29197.844	33736.621	21.316	22940.902	34.249
1.015	14.693			
8/16/2016 2:35:00 AM	448500.000	71.837	17.957	163.738
29202.148	33741.270	21.319	22944.064	34.244
1.015	14.693			
8/16/2016 2:40:00 AM	448800.000	71.853	17.957	163.775
29219.563	33761.520	21.333	22957.834	34.224
1.015	14.693			
8/16/2016 2:45:00 AM	449100.000	71.823	17.956	163.707
29204.797	33744.723	21.322	22946.412	34.241
1.015	14.693			
8/16/2016 2:50:00 AM	449400.000	71.823	17.956	163.707
29211.627	33752.477	21.327	22951.686	34.233
1.015	14.693			
8/16/2016 2:55:00 AM	449700.000	71.837	17.957	163.738
29208.035	33748.137	21.324	22948.734	34.237
1.015	14.694			
8/16/2016 3:00:00 AM	450000.000	71.819	17.957	163.698
29219.930	33761.813	21.334	22958.035	34.223
1.015	14.694			
8/16/2016 3:05:00 AM	450300.000	71.812	17.957	163.681
29210.811	33751.078	21.326	22950.732	34.234
1.015	14.694			
8/16/2016 3:10:00 AM	450600.000	71.825	17.957	163.712
29205.316	33744.867	21.322	22946.510	34.240
1.015	14.694			
8/16/2016 3:15:00 AM	450900.000	71.809	17.957	163.675
29211.580	33751.969	21.327	22951.342	34.233
1.015	14.694			
8/16/2016 3:20:00 AM	451200.000	71.820	17.956	163.700
29202.561	33742.074	21.320	22944.613	34.244
1.015	14.693			
8/16/2016 3:25:00 AM	451500.000	71.816	17.956	163.691
29214.354	33755.570	21.329	22953.789	34.230
1.015	14.692			
8/16/2016 3:30:00 AM	451800.000	71.817	17.956	163.693
29222.924	33765.473	21.336	22960.521	34.220
1.015	14.692			
8/16/2016 3:35:00 AM	452100.000	71.795	17.957	163.643
29226.291	33769.102	21.339	22962.992	34.216
1.015	14.690			
8/16/2016 3:40:00 AM	452400.000	71.795	17.957	163.642
29206.209	33745.961	21.323	22947.254	34.239
1.015	14.688			

8/16/2016 3:45:00 AM	452700.000	71.794	17.957	163.642
29211.063	33751.570	21.326	22951.068	34.234
1.015	14.687			
8/16/2016 3:50:00 AM	453000.000	71.789	17.957	163.629
29213.160	33754.121	21.328	22952.805	34.231
1.015	14.689			
8/16/2016 3:55:00 AM	453300.000	71.799	17.957	163.651
29186.953	33723.844	21.307	22932.217	34.262
1.015	14.691			
8/16/2016 4:00:00 AM	453600.000	71.782	17.957	163.613
29187.037	33723.875	21.307	22932.236	34.262
1.015	14.693			
8/16/2016 4:05:00 AM	453900.000	71.795	17.957	163.643
29192.363	33729.633	21.311	22936.152	34.256
1.015	14.691			
8/16/2016 4:10:00 AM	454200.000	71.778	17.957	163.605
29197.918	33736.449	21.316	22940.787	34.249
1.015	14.688			
8/16/2016 4:15:00 AM	454500.000	71.775	17.956	163.598
29189.441	33726.914	21.309	22934.303	34.259
1.015	14.685			
8/16/2016 4:20:00 AM	454800.000	71.770	17.957	163.586
29226.283	33769.023	21.339	22962.936	34.216
1.015	14.688			
8/16/2016 4:25:00 AM	455100.000	71.768	17.957	163.581
29221.635	33763.453	21.335	22959.150	34.221
1.015	14.691			
8/16/2016 4:30:00 AM	455400.000	71.755	17.957	163.552
29216.145	33757.242	21.330	22954.928	34.228
1.015	14.694			
8/16/2016 4:35:00 AM	455700.000	71.777	17.957	163.602
29208.740	33749.016	21.325	22949.332	34.236
1.015	14.693			
8/16/2016 4:40:00 AM	456000.000	71.777	17.956	163.602
29200.195	33739.270	21.318	22942.705	34.246
1.015	14.691			
8/16/2016 4:45:00 AM	456300.000	71.776	17.957	163.600
29202.074	33741.250	21.319	22944.051	34.244
1.015	14.689			
8/16/2016 4:50:00 AM	456600.000	71.759	17.957	163.561
29195.711	33733.770	21.314	22938.965	34.252
1.015	14.689			
8/16/2016 4:55:00 AM	456900.000	71.775	17.957	163.598
29214.506	33755.676	21.329	22953.861	34.230
1.015	14.688			
8/16/2016 5:00:00 AM	457200.000	71.748	17.956	163.536
29208.854	33749.215	21.325	22949.469	34.236
1.015	14.688			
8/16/2016 5:05:00 AM	457500.000	71.769	17.956	163.583
29213.307	33754.359	21.328	22952.967	34.231
1.015	14.686			
8/16/2016 5:10:00 AM	457800.000	71.753	17.957	163.546
29214.178	33754.969	21.329	22953.381	34.230
1.015	14.683			
8/16/2016 5:15:00 AM	458100.000	71.756	17.957	163.555
29203.930	33743.395	21.321	22945.510	34.242
1.015	14.680			
8/16/2016 5:20:00 AM	458400.000	71.750	17.956	163.540

29187.953	33725.066	21.308	22933.047	34.261
1.015	14.683			
8/16/2016 5:25:00 AM	458700.000	71.746	17.956	163.531
29209.805	33750.441	21.326	22950.303	34.235
1.015	14.686			
8/16/2016 5:30:00 AM	459000.000	71.746	17.956	163.531
29219.344	33761.465	21.333	22957.799	34.224
1.015	14.688			
8/16/2016 5:35:00 AM	459300.000	71.738	17.957	163.512
29224.967	33767.434	21.337	22961.857	34.217
1.015	14.690			
8/16/2016 5:40:00 AM	459600.000	71.735	17.957	163.505
29201.869	33741.078	21.319	22943.936	34.244
1.015	14.691			
8/16/2016 5:45:00 AM	459900.000	71.753	17.957	163.548
29211.977	33752.625	21.327	22951.785	34.233
1.015	14.693			
8/16/2016 5:50:00 AM	460200.000	71.731	17.956	163.498
29202.621	33742.070	21.320	22944.609	34.243
1.015	14.693			
8/16/2016 5:55:00 AM	460500.000	71.737	17.957	163.510
29204.139	33743.305	21.321	22945.447	34.242
1.015	14.694			
8/16/2016 6:00:00 AM	460800.000	71.733	17.957	163.502
29194.840	33732.563	21.313	22938.143	34.253
1.015	14.694			
8/16/2016 6:05:00 AM	461100.000	71.734	17.957	163.505
29208.584	33748.836	21.325	22949.209	34.237
1.015	14.693			
8/16/2016 6:10:00 AM	461400.000	71.748	17.957	163.535
29211.350	33751.699	21.327	22951.156	34.233
1.015	14.692			
8/16/2016 6:15:00 AM	461700.000	71.734	17.957	163.504
29222.828	33764.902	21.336	22960.137	34.220
1.015	14.692			
8/16/2016 6:20:00 AM	462000.000	71.729	17.956	163.493
29208.959	33749.336	21.325	22949.551	34.236
1.015	14.693			
8/16/2016 6:25:00 AM	462300.000	71.747	17.957	163.533
29194.318	33732.160	21.313	22937.869	34.253
1.015	14.695			
8/16/2016 6:30:00 AM	462600.000	71.731	17.957	163.498
29209.605	33750.016	21.325	22950.012	34.235
1.015	14.697			
8/16/2016 6:35:00 AM	462900.000	71.728	17.957	163.491
29197.295	33735.660	21.315	22940.250	34.250
1.015	14.697			
8/16/2016 6:40:00 AM	463200.000	71.727	17.957	163.487
29222.838	33764.973	21.336	22960.182	34.220
1.015	14.697			
8/16/2016 6:45:00 AM	463500.000	71.733	17.957	163.502
29208.309	33748.516	21.324	22948.992	34.237
1.015	14.697			
8/16/2016 6:50:00 AM	463800.000	71.732	17.957	163.500
29223.064	33765.438	21.336	22960.498	34.220
1.015	14.698			
8/16/2016 6:55:00 AM	464100.000	71.733	17.957	163.501
29207.990	33747.820	21.324	22948.520	34.237

1.015	14.699			
8/16/2016 7:00:00 AM	464400.000	71.727	17.957	163.487
29204.068	33743.555	21.321	22945.617	34.242
1.015	14.700			
8/16/2016 7:05:00 AM	464700.000	71.755	17.957	163.552
29210.666	33751.180	21.326	22950.805	34.234
1.015	14.700			
8/16/2016 7:10:00 AM	465000.000	71.755	17.957	163.552
29221.936	33764.199	21.335	22959.658	34.221
1.015	14.701			
8/16/2016 7:15:00 AM	465300.000	71.734	17.957	163.504
29211.016	33751.645	21.326	22951.121	34.234
1.015	14.701			
8/16/2016 7:20:00 AM	465600.000	71.755	17.957	163.551
29185.455	33721.918	21.306	22930.906	34.264
1.015	14.701			
8/16/2016 7:25:00 AM	465900.000	71.733	17.957	163.502
29202.980	33742.230	21.320	22944.717	34.243
1.015	14.702			
8/16/2016 7:30:00 AM	466200.000	71.735	17.956	163.506
29195.383	33733.648	21.314	22938.883	34.252
1.015	14.702			
8/16/2016 7:35:00 AM	466500.000	71.737	17.957	163.512
29209.990	33750.328	21.326	22950.225	34.235
1.015	14.702			
8/16/2016 7:40:00 AM	466800.000	71.757	17.957	163.556
29194.979	33732.656	21.313	22938.207	34.252
1.015	14.703			
8/16/2016 7:45:00 AM	467100.000	71.740	17.956	163.518
29227.146	33770.352	21.340	22963.840	34.215
1.015	14.703			
8/16/2016 7:50:00 AM	467400.000	71.760	17.957	163.563
29214.627	33755.355	21.329	22953.645	34.229
1.015	14.702			
8/16/2016 7:55:00 AM	467700.000	71.736	17.956	163.509
29199.695	33738.883	21.318	22942.441	34.247
1.015	14.702			
8/16/2016 8:00:00 AM	468000.000	71.743	17.956	163.525
29228.156	33771.574	21.340	22964.670	34.214
1.015	14.701			
8/16/2016 8:05:00 AM	468300.000	71.742	17.957	163.523
29185.385	33722.031	21.306	22930.982	34.264
1.015	14.701			
8/16/2016 8:10:00 AM	468600.000	71.746	17.956	163.531
29198.127	33736.820	21.316	22941.039	34.249
1.015	14.702			
8/16/2016 8:15:00 AM	468900.000	71.764	17.957	163.573
29207.225	33746.805	21.323	22947.828	34.238
1.015	14.703			
8/16/2016 8:20:00 AM	469200.000	71.766	17.956	163.576
29222.135	33764.559	21.335	22959.902	34.221
1.015	14.703			
8/16/2016 8:25:00 AM	469500.000	71.768	17.957	163.581
29212.305	33753.133	21.328	22952.131	34.232
1.015	14.704			
8/16/2016 8:30:00 AM	469800.000	71.748	17.956	163.536
29212.545	33753.539	21.328	22952.408	34.232
1.015	14.704			

8/16/2016 8:35:00 AM	470100.000	71.749	17.956	163.538
29226.637	33769.820	21.339	22963.480	34.215
1.015	14.704			
8/16/2016 8:40:00 AM	470400.000	71.766	17.957	163.577
29212.234	33752.789	21.327	22951.896	34.232
1.015	14.704			
8/16/2016 8:45:00 AM	470700.000	71.752	17.957	163.546
29193.736	33731.352	21.312	22937.318	34.254
1.015	14.704			
8/16/2016 8:50:00 AM	471000.000	71.756	17.956	163.554
29231.672	33775.637	21.343	22967.434	34.209
1.015	14.704			
8/16/2016 8:55:00 AM	471300.000	71.779	17.957	163.607
29197.172	33735.387	21.315	22940.063	34.250
1.015	14.705			
8/16/2016 9:00:00 AM	471600.000	71.758	17.957	163.558
29198.938	33737.625	21.317	22941.588	34.248
1.015	14.705			
8/16/2016 9:05:00 AM	471900.000	71.777	17.957	163.601
29203.678	33742.773	21.320	22945.088	34.242
1.015	14.704			
8/16/2016 9:10:00 AM	472200.000	71.767	17.957	163.579
29233.229	33777.246	21.344	22968.529	34.208
1.015	14.703			
8/16/2016 9:15:00 AM	472500.000	71.786	17.956	163.622
29224.166	33766.965	21.337	22961.539	34.218
1.015	14.702			
8/16/2016 9:20:00 AM	472800.000	71.782	17.957	163.613
29192.396	33730.070	21.311	22936.449	34.255
1.015	14.706			
8/16/2016 9:25:00 AM	473100.000	71.783	17.956	163.616
29189.025	33726.363	21.309	22933.930	34.259
1.015	14.709			
8/16/2016 9:30:00 AM	473400.000	71.762	17.957	163.567
29190.127	33727.246	21.310	22934.529	34.258
1.015	14.713			
8/16/2016 9:35:00 AM	473700.000	71.763	17.957	163.570
29205.041	33744.410	21.321	22946.199	34.241
1.015	14.708			
8/16/2016 9:40:00 AM	474000.000	71.792	17.957	163.637
29204.658	33744.168	21.321	22946.035	34.241
1.015	14.703			
8/16/2016 9:45:00 AM	474300.000	71.781	17.956	163.611
29210.367	33750.965	21.326	22950.656	34.234
1.015	14.699			
8/16/2016 9:50:00 AM	474600.000	71.781	17.956	163.611
29204.709	33744.555	21.322	22946.299	34.241
1.015	14.698			
8/16/2016 9:55:00 AM	474900.000	71.781	17.957	163.611
29223.213	33765.277	21.336	22960.391	34.219
1.015	14.698			
8/16/2016 10:00:00 AM	475200.000	71.781	17.956	163.611
29236.615	33781.488	21.347	22971.412	34.204
1.015	14.698			
8/16/2016 10:05:00 AM	475500.000	71.781	17.957	163.611
29216.119	33757.211	21.330	22954.904	34.228
1.015	14.699			
8/16/2016 10:10:00 AM	475800.000	71.801	17.957	163.656

29225.258	33768.039	21.338	22962.270	34.217
1.015	14.701			
8/16/2016 10:15:00 AM	476100.000	71.806	17.957	163.668
29203.943	33743.344	21.321	22945.477	34.242
1.015	14.702			
8/16/2016 10:20:00 AM	476400.000	71.807	17.956	163.669
29218.223	33760.168	21.332	22956.914	34.225
1.015	14.702			
8/16/2016 10:25:00 AM	476700.000	71.787	17.956	163.624
29226.314	33769.391	21.339	22963.186	34.216
1.015	14.702			
8/16/2016 10:30:00 AM	477000.000	71.790	17.957	163.630
29199.979	33738.563	21.317	22942.225	34.247
1.015	14.703			
8/16/2016 10:35:00 AM	477300.000	71.810	17.957	163.677
29201.205	33739.980	21.318	22943.188	34.245
1.015	14.702			
8/16/2016 10:40:00 AM	477600.000	71.793	17.956	163.638
29197.766	33736.461	21.316	22940.795	34.249
1.015	14.701			
8/16/2016 10:45:00 AM	477900.000	71.795	17.957	163.644
29215.869	33756.859	21.330	22954.664	34.228
1.015	14.701			
8/16/2016 10:50:00 AM	478200.000	71.797	17.957	163.648
29183.809	33720.016	21.305	22929.613	34.266
1.015	14.702			
8/16/2016 10:55:00 AM	478500.000	71.814	17.957	163.686
29207.617	33747.656	21.324	22948.408	34.238
1.015	14.704			
8/16/2016 11:00:00 AM	478800.000	71.815	17.957	163.689
29219.428	33761.234	21.333	22957.641	34.224
1.015	14.706			
8/16/2016 11:05:00 AM	479100.000	71.816	17.957	163.692
29230.572	33774.180	21.342	22966.443	34.211
1.015	14.707			
8/16/2016 11:10:00 AM	479400.000	71.799	17.957	163.653
29210.445	33750.855	21.326	22950.582	34.234
1.015	14.708			
8/16/2016 11:15:00 AM	479700.000	71.798	17.957	163.650
29216.139	33757.500	21.331	22955.102	34.228
1.015	14.709			
8/16/2016 11:20:00 AM	480000.000	71.807	17.958	163.670
29213.324	33753.527	21.328	22952.400	34.231
1.015	14.705			
8/16/2016 11:25:00 AM	480300.000	71.827	17.956	163.716
29182.418	33718.996	21.304	22928.918	34.267
1.015	14.701			
8/16/2016 11:30:00 AM	480600.000	71.812	17.957	163.683
29192.061	33729.742	21.311	22936.227	34.256
1.015	14.697			
8/16/2016 11:35:00 AM	480900.000	71.814	17.957	163.687
29204.975	33744.535	21.322	22946.283	34.241
1.015	14.699			
8/16/2016 11:40:00 AM	481200.000	71.811	17.957	163.679
29215.582	33756.789	21.330	22954.619	34.228
1.015	14.701			
8/16/2016 11:45:00 AM	481500.000	71.806	17.957	163.669
29212.037	33752.762	21.327	22951.879	34.232

1.015	14.703				
8/16/2016 11:50:00 AM	481800.000	71.829	17.957	163.720	
29225.014	33767.758	21.338	22962.078	34.217	
1.015	14.704				
8/16/2016 11:55:00 AM	482100.000	71.807	17.956	163.671	
29210.307	33750.949	21.326	22950.646	34.234	
1.015	14.706				
8/16/2016 12:00:00 PM	482400.000	71.806	17.957	163.668	
29227.045	33770.035	21.339	22963.627	34.215	
1.015	14.707				
8/16/2016 12:05:00 PM	482700.000	71.829	17.957	163.720	
29208.203	33748.266	21.324	22948.822	34.237	
1.015	14.707				
8/16/2016 12:10:00 PM	483000.000	71.833	17.957	163.729	
29215.951	33757.086	21.330	22954.818	34.228	
1.015	14.706				
8/16/2016 12:15:00 PM	483300.000	71.807	17.957	163.670	
29201.508	33740.527	21.319	22943.561	34.245	
1.015	14.705				
8/16/2016 12:20:00 PM	483600.000	71.811	17.957	163.679	
29207.164	33747.063	21.323	22948.004	34.238	
1.015	14.706				
8/16/2016 12:25:00 PM	483900.000	71.815	17.957	163.688	
29207.451	33747.465	21.324	22948.277	34.238	
1.015	14.707				
8/16/2016 12:30:00 PM	484200.000	71.815	17.956	163.688	
29211.896	33752.980	21.327	22952.027	34.233	
1.015	14.708				
8/16/2016 12:35:00 PM	484500.000	71.812	17.957	163.681	
29194.678	33732.375	21.313	22938.018	34.253	
1.015	14.705				
8/16/2016 12:40:00 PM	484800.000	71.839	17.957	163.743	
29215.928	33757.191	21.330	22954.891	34.228	
1.015	14.703				
8/16/2016 12:45:00 PM	485100.000	71.822	17.957	163.704	
29215.566	33756.711	21.330	22954.564	34.228	
1.015	14.701				
8/16/2016 12:50:00 PM	485400.000	71.836	17.957	163.737	
29199.752	33738.500	21.317	22942.180	34.247	
1.015	14.704				
8/16/2016 12:55:00 PM	485700.000	71.815	17.957	163.689	
29197.969	33736.508	21.316	22940.826	34.249	
1.015	14.706				
8/16/2016 1:00:00 PM	486000.000	71.810	17.957	163.678	
29223.611	33766.004	21.336	22960.885	34.219	
1.015	14.709				
8/16/2016 1:05:00 PM	486300.000	71.812	17.957	163.681	
29221.125	33763.262	21.335	22959.020	34.222	
1.015	14.709				
8/16/2016 1:10:00 PM	486600.000	71.833	17.957	163.730	
29208.531	33748.512	21.324	22948.990	34.237	
1.015	14.708				
8/16/2016 1:15:00 PM	486900.000	71.814	17.956	163.687	
29194.838	33733.020	21.314	22938.453	34.253	
1.015	14.708				
8/16/2016 1:20:00 PM	487200.000	71.810	17.957	163.678	
29218.924	33760.453	21.333	22957.109	34.224	
1.015	14.707				

8/16/2016 1:25:00 PM	487500.000	71.833	17.957	163.729
29212.082	33752.813	21.327	22951.914	34.232
1.015	14.705			
8/16/2016 1:30:00 PM	487800.000	71.830	17.957	163.724
29217.637	33759.230	21.332	22956.277	34.226
1.015	14.704			
8/16/2016 1:35:00 PM	488100.000	71.816	17.957	163.690
29180.988	33716.887	21.302	22927.482	34.269
1.015	14.705			
8/16/2016 1:40:00 PM	488400.000	71.814	17.957	163.687
29210.342	33750.473	21.326	22950.322	34.234
1.015	14.707			
8/16/2016 1:45:00 PM	488700.000	71.828	17.957	163.718
29194.730	33732.637	21.313	22938.193	34.253
1.015	14.708			
8/16/2016 1:50:00 PM	489000.000	71.811	17.957	163.679
29176.227	33711.449	21.299	22923.787	34.274
1.015	14.706			
8/16/2016 1:55:00 PM	489300.000	71.808	17.957	163.673
29218.139	33759.813	21.332	22956.672	34.225
1.015	14.704			
8/16/2016 2:00:00 PM	489600.000	71.810	17.957	163.676
29198.967	33737.531	21.317	22941.523	34.248
1.015	14.703			
8/16/2016 2:05:00 PM	489900.000	71.814	17.957	163.687
29209.795	33750.105	21.325	22950.074	34.235
1.015	14.704			
8/16/2016 2:10:00 PM	490200.000	71.825	17.957	163.712
29207.852	33747.926	21.324	22948.592	34.237
1.015	14.706			
8/16/2016 2:15:00 PM	490500.000	71.823	17.956	163.708
29201.467	33740.738	21.319	22943.705	34.245
1.015	14.708			
8/16/2016 2:20:00 PM	490800.000	71.804	17.956	163.665
29185.975	33722.777	21.306	22931.490	34.263
1.015	14.705			
8/16/2016 2:25:00 PM	491100.000	71.801	17.957	163.658
29204.711	33744.098	21.321	22945.988	34.241
1.015	14.702			
8/16/2016 2:30:00 PM	491400.000	71.812	17.957	163.683
29211.420	33751.980	21.327	22951.350	34.233
1.015	14.699			
8/16/2016 2:35:00 PM	491700.000	71.827	17.957	163.716
29217.854	33759.484	21.332	22956.449	34.226
1.015	14.698			
8/16/2016 2:40:00 PM	492000.000	71.827	17.956	163.717
29209.033	33749.422	21.325	22949.607	34.236
1.015	14.697			
8/16/2016 2:45:00 PM	492300.000	71.811	17.956	163.679
29220.914	33763.148	21.335	22958.943	34.222
1.015	14.697			
8/16/2016 2:50:00 PM	492600.000	71.811	17.957	163.680
29190.521	33727.902	21.310	22934.977	34.258
1.015	14.696			
8/16/2016 2:55:00 PM	492900.000	71.831	17.957	163.726
29234.842	33779.113	21.346	22969.797	34.206
1.015	14.696			
8/16/2016 3:00:00 PM	493200.000	71.825	17.957	163.712

29201.461	33740.543	21.319	22943.570	34.245
1.015	14.696			
8/16/2016 3:05:00 PM	493500.000	71.827	17.957	163.716
29208.963	33749.273	21.325	22949.506	34.236
1.015	14.695			
8/16/2016 3:10:00 PM	493800.000	71.809	17.957	163.674
29206.793	33746.574	21.323	22947.672	34.239
1.015	14.694			
8/16/2016 3:15:00 PM	494100.000	71.807	17.956	163.670
29203.209	33742.750	21.320	22945.072	34.243
1.015	14.693			
8/16/2016 3:20:00 PM	494400.000	71.809	17.956	163.675
29221.678	33764.090	21.335	22959.584	34.221
1.015	14.693			
8/16/2016 3:25:00 PM	494700.000	71.824	17.957	163.708
29205.025	33744.531	21.322	22946.281	34.241
1.015	14.693			
8/16/2016 3:30:00 PM	495000.000	71.805	17.957	163.665
29221.195	33763.406	21.335	22959.117	34.222
1.015	14.693			
8/16/2016 3:35:00 PM	495300.000	71.804	17.957	163.664
29208.225	33748.355	21.324	22948.883	34.237
1.015	14.693			
8/16/2016 3:40:00 PM	495600.000	71.822	17.956	163.705
29221.994	33764.398	21.335	22959.791	34.221
1.015	14.693			
8/16/2016 3:45:00 PM	495900.000	71.823	17.957	163.706
29211.764	33752.445	21.327	22951.664	34.233
1.015	14.693			
8/16/2016 3:50:00 PM	496200.000	71.801	17.956	163.656
29214.178	33755.563	21.329	22953.785	34.230
1.015	14.692			
8/16/2016 3:55:00 PM	496500.000	71.818	17.957	163.696
29198.203	33736.777	21.316	22941.012	34.249
1.015	14.691			
8/16/2016 4:00:00 PM	496800.000	71.804	17.956	163.663
29224.900	33767.754	21.338	22962.074	34.217
1.015	14.690			
8/16/2016 4:05:00 PM	497100.000	71.800	17.957	163.655
29202.438	33741.672	21.320	22944.340	34.244
1.015	14.690			
8/16/2016 4:10:00 PM	497400.000	71.804	17.957	163.663
29218.773	33760.090	21.332	22956.861	34.225
1.015	14.691			
8/16/2016 4:15:00 PM	497700.000	71.798	17.957	163.651
29198.158	33736.789	21.316	22941.020	34.249
1.015	14.691			
8/16/2016 4:20:00 PM	498000.000	71.814	17.957	163.685
29200.164	33738.914	21.318	22942.463	34.246
1.015	14.691			
8/16/2016 4:25:00 PM	498300.000	71.801	17.957	163.656
29221.074	33763.137	21.335	22958.936	34.222
1.015	14.690			
8/16/2016 4:30:00 PM	498600.000	71.800	17.957	163.655
29208.291	33747.977	21.324	22948.625	34.237
1.015	14.690			
8/16/2016 4:35:00 PM	498900.000	71.807	17.957	163.670
29202.076	33741.055	21.319	22943.918	34.244

1.015	14.689			
8/16/2016 4:40:00 PM	499200.000	71.803	17.957	163.661
29217.949	33759.527	21.332	22956.480	34.226
1.015	14.688			
8/16/2016 4:45:00 PM	499500.000	71.822	17.957	163.704
29226.746	33769.691	21.339	22963.393	34.215
1.015	14.687			
8/16/2016 4:50:00 PM	499800.000	71.821	17.957	163.702
29225.930	33768.547	21.338	22962.611	34.216
1.015	14.688			
8/16/2016 4:55:00 PM	500100.000	71.820	17.956	163.699
29210.916	33751.656	21.326	22951.129	34.234
1.015	14.689			
8/16/2016 5:00:00 PM	500400.000	71.799	17.956	163.652
29205.029	33744.797	21.322	22946.465	34.241
1.015	14.691			
8/16/2016 5:05:00 PM	500700.000	71.819	17.957	163.697
29207.184	33746.563	21.323	22947.662	34.238
1.015	14.690			
8/16/2016 5:10:00 PM	501000.000	71.820	17.956	163.700
29208.830	33749.188	21.325	22949.447	34.236
1.015	14.690			
8/16/2016 5:15:00 PM	501300.000	71.799	17.957	163.651
29212.031	33752.555	21.327	22951.740	34.232
1.015	14.689			
8/16/2016 5:20:00 PM	501600.000	71.802	17.956	163.658
29212.436	33753.410	21.328	22952.320	34.232
1.015	14.688			
8/16/2016 5:25:00 PM	501900.000	71.807	17.957	163.669
29212.732	33753.109	21.328	22952.115	34.232
1.015	14.687			
8/16/2016 5:30:00 PM	502200.000	71.824	17.956	163.708
29191.133	33728.867	21.311	22935.633	34.257
1.015	14.685			
8/16/2016 5:35:00 PM	502500.000	71.808	17.957	163.673
29219.350	33760.883	21.333	22957.400	34.224
1.015	14.684			
8/16/2016 5:40:00 PM	502800.000	71.810	17.957	163.676
29216.813	33758.211	21.331	22955.586	34.227
1.015	14.683			
8/16/2016 5:45:00 PM	503100.000	71.830	17.957	163.723
29210.107	33750.465	21.326	22950.316	34.235
1.015	14.681			
8/16/2016 5:50:00 PM	503400.000	71.808	17.957	163.673
29192.129	33729.691	21.311	22936.189	34.256
1.015	14.682			
8/16/2016 5:55:00 PM	503700.000	71.828	17.957	163.718
29223.281	33765.625	21.336	22960.627	34.219
1.015	14.683			
8/16/2016 6:00:00 PM	504000.000	71.830	17.957	163.724
29212.973	33753.844	21.328	22952.613	34.231
1.015	14.684			
8/16/2016 6:05:00 PM	504300.000	71.812	17.957	163.681
29214.582	33755.574	21.329	22953.793	34.229
1.015	14.683			
8/16/2016 6:10:00 PM	504600.000	71.814	17.957	163.686
29213.783	33754.711	21.329	22953.205	34.230
1.015	14.682			

8/16/2016 6:15:00 PM	504900.000	71.812	17.957	163.682
29215.219	33756.309	21.330	22954.293	34.229
1.015	14.680			
8/16/2016 6:20:00 PM	505200.000	71.840	17.956	163.745
29219.371	33761.617	21.333	22957.900	34.224
1.015	14.679			
8/16/2016 6:25:00 PM	505500.000	71.822	17.957	163.704
29205.516	33745.160	21.322	22946.711	34.240
1.015	14.678			
8/16/2016 6:30:00 PM	505800.000	71.842	17.957	163.750
29224.221	33766.902	21.337	22961.494	34.218
1.015	14.677			
8/16/2016 6:35:00 PM	506100.000	71.843	17.956	163.752
29203.213	33742.695	21.320	22945.033	34.243
1.015	14.678			
8/16/2016 6:40:00 PM	506400.000	71.843	17.956	163.753
29229.709	33773.371	21.342	22965.893	34.212
1.015	14.679			
8/16/2016 6:45:00 PM	506700.000	71.825	17.957	163.711
29191.334	33728.512	21.310	22935.391	34.257
1.015	14.679			
8/16/2016 6:50:00 PM	507000.000	71.825	17.957	163.711
29222.492	33764.641	21.336	22959.955	34.220
1.015	14.679			
8/16/2016 6:55:00 PM	507300.000	71.825	17.957	163.711
29212.484	33753.078	21.328	22952.096	34.232
1.015	14.679			
8/16/2016 7:00:00 PM	507600.000	71.833	17.957	163.729
29221.527	33763.598	21.335	22959.248	34.221
1.015	14.679			
8/16/2016 7:05:00 PM	507900.000	71.835	17.957	163.734
29199.801	33738.625	21.317	22942.266	34.247
1.015	14.680			
8/16/2016 7:10:00 PM	508200.000	71.836	17.957	163.737
29206.912	33746.711	21.323	22947.766	34.238
1.015	14.681			
8/16/2016 7:15:00 PM	508500.000	71.837	17.957	163.740
29206.648	33746.406	21.323	22947.557	34.239
1.015	14.681			
8/16/2016 7:20:00 PM	508800.000	71.837	17.957	163.740
29223.326	33765.805	21.336	22960.748	34.219
1.015	14.683			
8/16/2016 7:25:00 PM	509100.000	71.837	17.956	163.738
29209.238	33749.715	21.325	22949.809	34.236
1.015	14.684			
8/16/2016 7:30:00 PM	509400.000	71.838	17.957	163.741
29209.672	33749.633	21.325	22949.750	34.235
1.015	14.685			
8/16/2016 7:35:00 PM	509700.000	71.860	17.957	163.790
29205.510	33744.891	21.322	22946.525	34.240
1.015	14.684			
8/16/2016 7:40:00 PM	510000.000	71.849	17.957	163.766
29215.668	33756.957	21.330	22954.730	34.228
1.015	14.683			
8/16/2016 7:45:00 PM	510300.000	71.870	17.957	163.814
29214.293	33755.168	21.329	22953.514	34.230
1.015	14.682			
8/16/2016 7:50:00 PM	510600.000	71.852	17.957	163.774

29216.773	33758.234	21.331	22955.602	34.227
1.015	14.682			
8/16/2016 7:55:00 PM	510900.000	71.851	17.958	163.771
29191.182	33727.945	21.310	22935.006	34.257
1.015	14.682			
8/16/2016 8:00:00 PM	511200.000	71.851	17.957	163.771
29222.824	33765.160	21.336	22960.311	34.220
1.015	14.682			
8/16/2016 8:05:00 PM	511500.000	71.855	17.957	163.779
29230.977	33774.707	21.343	22966.803	34.210
1.015	14.681			
8/16/2016 8:10:00 PM	511800.000	71.877	17.957	163.830
29202.168	33740.902	21.319	22943.814	34.244
1.015	14.680			
8/16/2016 8:15:00 PM	512100.000	71.856	17.957	163.782
29213.441	33754.184	21.328	22952.846	34.231
1.015	14.679			
8/16/2016 8:20:00 PM	512400.000	71.858	17.956	163.786
29231.328	33775.313	21.343	22967.215	34.210
1.015	14.681			
8/16/2016 8:25:00 PM	512700.000	71.857	17.957	163.784
29224.230	33766.723	21.337	22961.373	34.218
1.015	14.683			
8/16/2016 8:30:00 PM	513000.000	71.855	17.956	163.779
29233.992	33778.262	21.345	22969.219	34.207
1.015	14.685			
8/16/2016 8:35:00 PM	513300.000	71.852	17.957	163.773
29218.061	33759.785	21.332	22956.656	34.225
1.015	14.686			
8/16/2016 8:40:00 PM	513600.000	71.871	17.956	163.815
29197.893	33736.551	21.316	22940.857	34.249
1.015	14.688			
8/16/2016 8:45:00 PM	513900.000	71.858	17.957	163.786
29208.084	33748.129	21.324	22948.730	34.237
1.015	14.690			
8/16/2016 8:50:00 PM	514200.000	71.856	17.956	163.783
29211.725	33752.660	21.327	22951.809	34.233
1.015	14.690			
8/16/2016 8:55:00 PM	514500.000	71.876	17.957	163.828
29210.457	33751.000	21.326	22950.682	34.234
1.015	14.690			
8/16/2016 9:00:00 PM	514800.000	71.855	17.957	163.780
29214.084	33754.996	21.329	22953.400	34.230
1.015	14.690			
8/16/2016 9:05:00 PM	515100.000	71.857	17.957	163.785
29216.100	33757.125	21.330	22954.848	34.228
1.015	14.690			
8/16/2016 9:10:00 PM	515400.000	71.873	17.957	163.820
29202.811	33741.836	21.320	22944.451	34.243
1.015	14.691			
8/16/2016 9:15:00 PM	515700.000	71.860	17.957	163.792
29207.184	33746.953	21.323	22947.930	34.238
1.015	14.691			
8/16/2016 9:20:00 PM	516000.000	71.860	17.957	163.791
29214.217	33755.215	21.329	22953.549	34.230
1.015	14.692			
8/16/2016 9:25:00 PM	516300.000	71.880	17.957	163.836
29193.656	33731.457	21.312	22937.391	34.254

1.015	14.693			
8/16/2016 9:30:00 PM	516600.000	71.885	17.956	163.848
29203.832	33743.543	21.321	22945.609	34.242
1.015	14.695			
8/16/2016 9:35:00 PM	516900.000	71.861	17.956	163.794
29221.316	33763.613	21.335	22959.260	34.222
1.015	14.693			
8/16/2016 9:40:00 PM	517200.000	71.863	17.957	163.797
29219.154	33760.984	21.333	22957.471	34.224
1.015	14.691			
8/16/2016 9:45:00 PM	517500.000	71.863	17.957	163.798
29214.113	33755.094	21.329	22953.467	34.230
1.015	14.690			
8/16/2016 9:50:00 PM	517800.000	71.880	17.957	163.838
29211.465	33752.035	21.327	22951.385	34.233
1.015	14.691			
8/16/2016 9:55:00 PM	518100.000	71.878	17.957	163.833
29203.691	33742.988	21.320	22945.234	34.242
1.015	14.693			
8/16/2016 10:00:00 PM	518400.000	71.862	17.956	163.795
29184.932	33721.953	21.306	22930.930	34.264
1.015	14.695			
8/16/2016 10:05:00 PM	518700.000	71.876	17.957	163.828
29193.238	33731.043	21.312	22937.111	34.255
1.015	14.695			
8/16/2016 10:10:00 PM	519000.000	71.876	17.957	163.827
29213.172	33754.137	21.328	22952.814	34.231
1.015	14.696			
8/16/2016 10:15:00 PM	519300.000	71.858	17.956	163.787
29221.322	33763.680	21.335	22959.303	34.222
1.015	14.696			
8/16/2016 10:20:00 PM	519600.000	71.884	17.957	163.845
29206.824	33746.801	21.323	22947.824	34.239
1.015	14.694			
8/16/2016 10:25:00 PM	519900.000	71.861	17.957	163.794
29193.865	33731.828	21.313	22937.643	34.254
1.015	14.691			
8/16/2016 10:30:00 PM	520200.000	71.864	17.956	163.800
29217.225	33758.945	21.332	22956.086	34.226
1.015	14.689			
8/16/2016 10:35:00 PM	520500.000	71.866	17.957	163.805
29233.629	33777.379	21.344	22968.619	34.207
1.015	14.689			
8/16/2016 10:40:00 PM	520800.000	71.867	17.957	163.807
29217.787	33758.949	21.332	22956.088	34.226
1.015	14.689			
8/16/2016 10:45:00 PM	521100.000	71.862	17.957	163.796
29224.863	33767.453	21.338	22961.871	34.217
1.015	14.689			
8/16/2016 10:50:00 PM	521400.000	71.861	17.957	163.794
29230.018	33773.602	21.342	22966.049	34.211
1.015	14.688			
8/16/2016 10:55:00 PM	521700.000	71.865	17.957	163.802
29218.053	33759.715	21.332	22956.605	34.225
1.015	14.687			
8/16/2016 11:00:00 PM	522000.000	71.881	17.957	163.838
29196.912	33735.348	21.315	22940.039	34.250
1.015	14.686			

8/16/2016 11:05:00 PM	522300.000	71.862	17.957	163.796
29235.531	33779.707	21.346	22970.201	34.205
1.015	14.687			
8/16/2016 11:10:00 PM	522600.000	71.863	17.956	163.797
29220.900	33763.328	21.335	22959.064	34.222
1.015	14.687			
8/16/2016 11:15:00 PM	522900.000	71.859	17.957	163.790
29206.611	33746.293	21.323	22947.479	34.239
1.015	14.688			
8/16/2016 11:20:00 PM	523200.000	71.865	17.957	163.802
29221.316	33763.355	21.335	22959.084	34.222
1.015	14.687			
8/16/2016 11:25:00 PM	523500.000	71.882	17.957	163.842
29216.596	33757.961	21.331	22955.416	34.227
1.015	14.686			
8/16/2016 11:30:00 PM	523800.000	71.857	17.956	163.784
29203.352	33742.855	21.320	22945.143	34.243
1.015	14.685			
8/16/2016 11:35:00 PM	524100.000	71.861	17.956	163.793
29226.559	33769.672	21.339	22963.379	34.215
1.015	14.685			
8/16/2016 11:40:00 PM	524400.000	71.854	17.957	163.778
29196.590	33734.848	21.315	22939.699	34.251
1.015	14.686			
8/16/2016 11:45:00 PM	524700.000	71.854	17.957	163.778
29200.537	33739.406	21.318	22942.799	34.246
1.015	14.686			
8/16/2016 11:50:00 PM	525000.000	71.851	17.957	163.770
29182.094	33718.227	21.303	22928.396	34.268
1.015	14.687			
8/16/2016 11:55:00 PM	525300.000	71.868	17.957	163.809
29206.668	33746.359	21.323	22947.527	34.239
1.015	14.687			
8/17/2016 12:00:00 AM	525600.000	71.848	17.956	163.764
29231.047	33774.855	21.343	22966.904	34.210
1.015	14.687			
8/17/2016 12:05:00 AM	525900.000	71.842	17.957	163.751
29222.869	33765.211	21.336	22960.344	34.220
1.015	14.688			
8/17/2016 12:10:00 AM	526200.000	71.839	17.957	163.744
29218.703	33760.195	21.332	22956.934	34.225
1.015	14.688			
8/17/2016 12:15:00 AM	526500.000	71.839	17.957	163.743
29204.402	33743.742	21.321	22945.746	34.241
1.015	14.688			
8/17/2016 12:20:00 AM	526800.000	71.857	17.957	163.783
29211.918	33752.426	21.327	22951.650	34.233
1.015	14.687			
8/17/2016 12:25:00 AM	527100.000	71.840	17.957	163.746
29207.545	33747.633	21.324	22948.391	34.238
1.015	14.687			
8/17/2016 12:30:00 AM	527400.000	71.839	17.956	163.743
29201.742	33741.379	21.319	22944.139	34.245
1.015	14.686			
8/17/2016 12:35:00 AM	527700.000	71.835	17.956	163.733
29207.471	33747.746	21.324	22948.467	34.238
1.015	14.686			
8/17/2016 12:40:00 AM	528000.000	71.849	17.957	163.767

29208.705	33748.711	21.324	22949.123	34.236
1.015	14.687			
8/17/2016 12:45:00 AM	528300.000	71.846	17.957	163.760
29201.191	33739.965	21.318	22943.176	34.245
1.015	14.687			
8/17/2016 12:50:00 AM	528600.000	71.851	17.957	163.771
29197.082	33735.215	21.315	22939.949	34.250
1.015	14.687			
8/17/2016 12:55:00 AM	528900.000	71.842	17.957	163.750
29223.914	33766.031	21.337	22960.902	34.219
1.015	14.686			
8/17/2016 1:00:00 AM	529200.000	71.846	17.957	163.758
29206.490	33746.152	21.323	22947.387	34.239
1.015	14.685			
8/17/2016 1:05:00 AM	529500.000	71.818	17.957	163.696
29233.256	33777.012	21.344	22968.371	34.208
1.015	14.685			
8/17/2016 1:10:00 AM	529800.000	71.816	17.957	163.691
29216.889	33758.039	21.331	22955.467	34.227
1.015	14.685			
8/17/2016 1:15:00 AM	530100.000	71.835	17.957	163.734
29216.688	33758.137	21.331	22955.533	34.227
1.015	14.685			
8/17/2016 1:20:00 AM	530400.000	71.829	17.957	163.721
29234.289	33778.344	21.345	22969.275	34.206
1.015	14.684			
8/17/2016 1:25:00 AM	530700.000	71.807	17.957	163.670
29214.596	33755.590	21.329	22953.803	34.229
1.015	14.683			
8/17/2016 1:30:00 AM	531000.000	71.826	17.957	163.713
29201.539	33740.363	21.319	22943.449	34.245
1.015	14.683			
8/17/2016 1:35:00 AM	531300.000	71.804	17.957	163.664
29221.533	33763.734	21.335	22959.342	34.221
1.015	14.681			
8/17/2016 1:40:00 AM	531600.000	71.803	17.957	163.660
29212.119	33752.855	21.327	22951.943	34.232
1.015	14.680			
8/17/2016 1:45:00 AM	531900.000	71.817	17.957	163.693
29210.176	33750.613	21.326	22950.418	34.235
1.015	14.678			
8/17/2016 1:50:00 AM	532200.000	71.813	17.957	163.683
29197.551	33736.086	21.316	22940.541	34.249
1.015	14.678			
8/17/2016 1:55:00 AM	532500.000	71.791	17.957	163.633
29217.832	33759.391	21.332	22956.389	34.226
1.015	14.678			
8/17/2016 2:00:00 AM	532800.000	71.808	17.956	163.673
29208.381	33748.668	21.324	22949.096	34.237
1.015	14.678			
8/17/2016 2:05:00 AM	533100.000	71.783	17.957	163.615
29206.412	33746.195	21.323	22947.412	34.239
1.015	14.675			
8/17/2016 2:10:00 AM	533400.000	71.787	17.957	163.625
29213.643	33754.488	21.328	22953.055	34.231
1.015	14.673			
8/17/2016 2:15:00 AM	533700.000	71.778	17.957	163.603
29200.361	33739.273	21.318	22942.709	34.246

1.015	14.671			
8/17/2016 2:20:00 AM	534000.000	71.777	17.957	163.601
29224.240	33766.730	21.337	22961.379	34.218
1.015	14.673			
8/17/2016 2:25:00 AM	534300.000	71.770	17.957	163.587
29225.688	33768.137	21.338	22962.336	34.216
1.015	14.675			
8/17/2016 2:30:00 AM	534600.000	71.766	17.957	163.576
29212.898	33753.488	21.328	22952.373	34.231
1.015	14.678			
8/17/2016 2:35:00 AM	534900.000	71.763	17.957	163.569
29212.174	33752.789	21.327	22951.896	34.232
1.015	14.675			
8/17/2016 2:40:00 AM	535200.000	71.777	17.957	163.602
29224.357	33766.930	21.337	22961.514	34.218
1.015	14.672			
8/17/2016 2:45:00 AM	535500.000	71.764	17.957	163.573
29208.832	33748.602	21.324	22949.049	34.236
1.015	14.669			
8/17/2016 2:50:00 AM	535800.000	71.771	17.957	163.588
29226.516	33769.426	21.339	22963.209	34.216
1.015	14.671			
8/17/2016 2:55:00 AM	536100.000	71.764	17.957	163.572
29213.936	33754.559	21.329	22953.100	34.230
1.015	14.673			
8/17/2016 3:00:00 AM	536400.000	71.741	17.957	163.519
29222.580	33764.945	21.336	22960.164	34.220
1.015	14.675			
8/17/2016 3:05:00 AM	536700.000	71.738	17.957	163.514
29198.520	33737.207	21.316	22941.301	34.248
1.015	14.674			
8/17/2016 3:10:00 AM	537000.000	71.756	17.957	163.553
29208.031	33748.195	21.324	22948.773	34.237
1.015	14.672			
8/17/2016 3:15:00 AM	537300.000	71.734	17.957	163.503
29188.344	33725.320	21.308	22933.221	34.260
1.015	14.670			
8/17/2016 3:20:00 AM	537600.000	71.729	17.957	163.493
29215.688	33756.980	21.330	22954.746	34.228
1.015	14.670			
8/17/2016 3:25:00 AM	537900.000	71.725	17.957	163.482
29225.605	33768.172	21.338	22962.359	34.217
1.015	14.671			
8/17/2016 3:30:00 AM	538200.000	71.722	17.956	163.476
29224.834	33767.738	21.338	22962.063	34.217
1.015	14.671			
8/17/2016 3:35:00 AM	538500.000	71.740	17.957	163.518
29217.197	33758.656	21.331	22955.889	34.226
1.015	14.670			
8/17/2016 3:40:00 AM	538800.000	71.718	17.956	163.467
29212.730	33753.891	21.328	22952.648	34.232
1.015	14.670			
8/17/2016 3:45:00 AM	539100.000	71.712	17.957	163.454
29187.707	33724.383	21.308	22932.580	34.261
1.015	14.669			
8/17/2016 3:50:00 AM	539400.000	71.711	17.957	163.452
29177.439	33712.719	21.299	22924.650	34.273
1.015	14.668			

8/17/2016 3:55:00 AM	539700.000	71.704	17.956	163.435
29198.373	33737.301	21.317	22941.365	34.248
1.015	14.666			
8/17/2016 4:00:00 AM	540000.000	71.703	17.957	163.433
29217.840	33759.199	21.332	22956.258	34.226
1.015	14.664			
8/17/2016 4:05:00 AM	540300.000	71.718	17.957	163.467
29221.785	33764.090	21.335	22959.584	34.221
1.015	14.666			
8/17/2016 4:10:00 AM	540600.000	71.689	17.956	163.400
29182.191	33718.602	21.304	22928.650	34.267
1.015	14.668			
8/17/2016 4:15:00 AM	540900.000	71.682	17.957	163.386
29223.557	33765.871	21.336	22960.795	34.219
1.015	14.670			
8/17/2016 4:20:00 AM	541200.000	71.680	17.957	163.382
29218.375	33760.148	21.332	22956.902	34.225
1.015	14.670			
8/17/2016 4:25:00 AM	541500.000	71.677	17.956	163.374
29202.377	33741.730	21.320	22944.377	34.244
1.015	14.671			
8/17/2016 4:30:00 AM	541800.000	71.680	17.957	163.381
29214.869	33755.906	21.329	22954.018	34.229
1.015	14.672			
8/17/2016 4:35:00 AM	542100.000	71.676	17.957	163.371
29213.730	33754.453	21.328	22953.029	34.230
1.015	14.669			
8/17/2016 4:40:00 AM	542400.000	71.673	17.957	163.366
29212.133	33752.938	21.327	22952.000	34.232
1.015	14.666			
8/17/2016 4:45:00 AM	542700.000	71.670	17.956	163.359
29217.283	33759.012	21.332	22956.129	34.226
1.015	14.663			
8/17/2016 4:50:00 AM	543000.000	71.667	17.956	163.351
29202.928	33742.496	21.320	22944.898	34.243
1.015	14.664			
8/17/2016 4:55:00 AM	543300.000	71.683	17.957	163.388
29189.236	33726.352	21.309	22933.922	34.259
1.015	14.666			
8/17/2016 5:00:00 AM	543600.000	71.659	17.957	163.332
29202.695	33741.840	21.320	22944.453	34.243
1.015	14.668			
8/17/2016 5:05:00 AM	543900.000	71.662	17.957	163.340
29196.881	33734.984	21.315	22939.791	34.250
1.015	14.667			
8/17/2016 5:10:00 AM	544200.000	71.655	17.956	163.324
29226.383	33769.598	21.339	22963.328	34.216
1.015	14.665			
8/17/2016 5:15:00 AM	544500.000	71.654	17.957	163.322
29202.160	33741.414	21.319	22944.162	34.244
1.015	14.664			
8/17/2016 5:20:00 AM	544800.000	71.652	17.957	163.316
29196.201	33734.465	21.315	22939.436	34.251
1.015	14.666			
8/17/2016 5:25:00 AM	545100.000	71.647	17.957	163.306
29213.508	33754.523	21.329	22953.078	34.231
1.015	14.667			
8/17/2016 5:30:00 AM	545400.000	71.661	17.957	163.338

29217.211	33758.742	21.331	22955.945	34.226
1.015	14.669			
8/17/2016 5:35:00 AM	545700.000	71.639	17.957	163.286
29219.096	33760.918	21.333	22957.424	34.224
1.015	14.667			
8/17/2016 5:40:00 AM	546000.000	71.638	17.957	163.286
29205.963	33745.543	21.322	22946.971	34.240
1.015	14.665			
8/17/2016 5:45:00 AM	546300.000	71.640	17.957	163.289
29209.479	33749.805	21.325	22949.869	34.235
1.015	14.664			
8/17/2016 5:50:00 AM	546600.000	71.638	17.957	163.285
29235.551	33779.531	21.346	22970.084	34.205
1.015	14.663			
8/17/2016 5:55:00 AM	546900.000	71.641	17.957	163.291
29235.547	33779.727	21.346	22970.217	34.205
1.015	14.663			
8/17/2016 6:00:00 AM	547200.000	71.654	17.957	163.322
29209.145	33749.352	21.325	22949.561	34.236
1.015	14.663			
8/17/2016 6:05:00 AM	547500.000	71.648	17.957	163.308
29194.875	33732.477	21.313	22938.086	34.253
1.015	14.664			
8/17/2016 6:10:00 AM	547800.000	71.628	17.956	163.263
29226.561	33769.730	21.339	22963.418	34.215
1.015	14.666			
8/17/2016 6:15:00 AM	548100.000	71.629	17.956	163.264
29208.588	33748.965	21.325	22949.299	34.237
1.015	14.668			
8/17/2016 6:20:00 AM	548400.000	71.627	17.957	163.260
29200.836	33739.691	21.318	22942.992	34.246
1.015	14.669			
8/17/2016 6:25:00 AM	548700.000	71.643	17.957	163.295
29210.088	33750.242	21.326	22950.164	34.235
1.015	14.670			
8/17/2016 6:30:00 AM	549000.000	71.626	17.957	163.258
29218.643	33760.266	21.333	22956.982	34.225
1.015	14.671			
8/17/2016 6:35:00 AM	549300.000	71.619	17.957	163.242
29226.291	33769.102	21.339	22962.992	34.216
1.015	14.671			
8/17/2016 6:40:00 AM	549600.000	71.621	17.956	163.246
29209.912	33750.496	21.326	22950.338	34.235
1.015	14.672			
8/17/2016 6:45:00 AM	549900.000	71.641	17.957	163.292
29224.160	33766.641	21.337	22961.316	34.218
1.015	14.672			
8/17/2016 6:50:00 AM	550200.000	71.616	17.956	163.235
29210.918	33751.656	21.327	22951.129	34.234
1.015	14.673			
8/17/2016 6:55:00 AM	550500.000	71.617	17.957	163.238
29209.455	33749.648	21.325	22949.762	34.235
1.015	14.674			
8/17/2016 7:00:00 AM	550800.000	71.636	17.956	163.280
29211.791	33752.609	21.327	22951.777	34.233
1.015	14.675			
8/17/2016 7:05:00 AM	551100.000	71.638	17.957	163.284
29218.449	33759.840	21.332	22956.691	34.225

1.015	14.675			
8/17/2016 7:10:00 AM	551400.000	71.617	17.957	163.237
29211.729	33752.137	21.327	22951.455	34.233
1.015	14.674			
8/17/2016 7:15:00 AM	551700.000	71.620	17.956	163.244
29197.250	33735.809	21.315	22940.352	34.250
1.015	14.674			
8/17/2016 7:20:00 AM	552000.000	71.637	17.957	163.282
29216.568	33758.063	21.331	22955.484	34.227
1.015	14.677			
8/17/2016 7:25:00 AM	552300.000	71.611	17.956	163.224
29215.141	33756.477	21.330	22954.404	34.229
1.015	14.680			
8/17/2016 7:30:00 AM	552600.000	71.631	17.956	163.269
29220.820	33763.039	21.334	22958.867	34.222
1.015	14.683			
8/17/2016 7:35:00 AM	552900.000	71.614	17.957	163.230
29222.340	33764.465	21.335	22959.838	34.220
1.015	14.682			
8/17/2016 7:40:00 AM	553200.000	71.621	17.957	163.245
29202.289	33741.168	21.319	22943.994	34.244
1.015	14.681			
8/17/2016 7:45:00 AM	553500.000	71.617	17.956	163.238
29213.201	33754.434	21.328	22953.016	34.231
1.015	14.681			
8/17/2016 7:50:00 AM	553800.000	71.631	17.957	163.269
29195.180	33733.285	21.314	22938.637	34.252
1.015	14.681			
8/17/2016 7:55:00 AM	554100.000	71.638	17.957	163.286
29220.557	33762.477	21.334	22958.484	34.222
1.015	14.681			
8/17/2016 8:00:00 AM	554400.000	71.639	17.957	163.288
29202.355	33741.637	21.320	22944.313	34.244
1.015	14.681			
8/17/2016 8:05:00 AM	554700.000	71.616	17.956	163.235
29227.381	33770.680	21.340	22964.064	34.214
1.015	14.683			
8/17/2016 8:10:00 AM	555000.000	71.616	17.957	163.235
29218.576	33760.316	21.333	22957.016	34.225
1.015	14.684			
8/17/2016 8:15:00 AM	555300.000	71.640	17.956	163.289
29202.611	33742.133	21.320	22944.650	34.244
1.015	14.686			
8/17/2016 8:20:00 AM	555600.000	71.637	17.957	163.282
29227.184	33770.133	21.339	22963.691	34.215
1.015	14.686			
8/17/2016 8:25:00 AM	555900.000	71.640	17.956	163.289
29205.939	33745.906	21.323	22947.219	34.240
1.015	14.686			
8/17/2016 8:30:00 AM	556200.000	71.621	17.957	163.246
29235.891	33780.258	21.346	22970.578	34.205
1.015	14.686			
8/17/2016 8:35:00 AM	556500.000	71.625	17.956	163.256
29224.924	33767.914	21.338	22962.184	34.217
1.015	14.685			
8/17/2016 8:40:00 AM	556800.000	71.651	17.957	163.316
29230.896	33774.352	21.342	22966.561	34.210
1.015	14.685			

8/17/2016 8:45:00 AM	557100.000	71.630	17.957	163.267
29209.564	33749.773	21.325	22949.846	34.235
1.015	14.684			
8/17/2016 8:50:00 AM	557400.000	71.643	17.957	163.297
29208.066	33748.043	21.324	22948.672	34.237
1.015	14.685			
8/17/2016 8:55:00 AM	557700.000	71.629	17.957	163.265
29210.934	33751.418	21.326	22950.967	34.234
1.015	14.685			
8/17/2016 9:00:00 AM	558000.000	71.633	17.957	163.274
29215.316	33756.285	21.330	22954.275	34.229
1.015	14.686			
8/17/2016 9:05:00 AM	558300.000	71.653	17.957	163.320
29226.799	33769.488	21.339	22963.254	34.215
1.015	14.685			
8/17/2016 9:10:00 AM	558600.000	71.636	17.956	163.282
29222.496	33765.109	21.336	22960.275	34.220
1.015	14.683			
8/17/2016 9:15:00 AM	558900.000	71.635	17.956	163.278
29217.166	33758.875	21.332	22956.035	34.226
1.015	14.681			
8/17/2016 9:20:00 AM	559200.000	71.661	17.957	163.337
29218.453	33760.238	21.332	22956.965	34.225
1.015	14.682			
8/17/2016 9:25:00 AM	559500.000	71.642	17.957	163.293
29212.250	33752.680	21.327	22951.824	34.232
1.015	14.683			
8/17/2016 9:30:00 AM	559800.000	71.640	17.957	163.289
29216.020	33757.363	21.330	22955.010	34.228
1.015	14.684			
8/17/2016 9:35:00 AM	560100.000	71.658	17.957	163.330
29218.314	33760.078	21.332	22956.854	34.225
1.015	14.684			
8/17/2016 9:40:00 AM	560400.000	71.640	17.957	163.290
29217.225	33758.625	21.331	22955.865	34.226
1.015	14.685			
8/17/2016 9:45:00 AM	560700.000	71.643	17.957	163.296
29228.678	33771.660	21.340	22964.729	34.213
1.015	14.686			
8/17/2016 9:50:00 AM	561000.000	71.645	17.957	163.301
29204.439	33744.047	21.321	22945.951	34.241
1.015	14.685			
8/17/2016 9:55:00 AM	561300.000	71.666	17.957	163.349
29211.457	33751.824	21.327	22951.240	34.233
1.015	14.684			
8/17/2016 10:00:00 AM	561600.000	71.668	17.957	163.354
29213.281	33754.070	21.328	22952.768	34.231
1.015	14.684			
8/17/2016 10:05:00 AM	561900.000	71.674	17.956	163.367
29182.590	33718.996	21.304	22928.918	34.267
1.015	14.684			
8/17/2016 10:10:00 AM	562200.000	71.676	17.957	163.372
29212.986	33753.461	21.328	22952.354	34.231
1.015	14.684			
8/17/2016 10:15:00 AM	562500.000	71.677	17.956	163.373
29221.564	33764.098	21.335	22959.588	34.221
1.015	14.684			
8/17/2016 10:20:00 AM	562800.000	71.659	17.957	163.334

29204.496	33744.051	21.321	22945.955	34.241
1.015	14.685			
8/17/2016 10:25:00 AM	563100.000	71.655	17.956	163.325
29224.486	33767.336	21.337	22961.791	34.218
1.015	14.686			
8/17/2016 10:30:00 AM	563400.000	71.679	17.957	163.379
29211.377	33751.730	21.327	22951.180	34.233
1.015	14.687			
8/17/2016 10:35:00 AM	563700.000	71.660	17.956	163.336
29215.326	33756.945	21.330	22954.723	34.229
1.015	14.686			
8/17/2016 10:40:00 AM	564000.000	71.685	17.957	163.393
29219.717	33761.566	21.333	22957.867	34.223
1.015	14.685			
8/17/2016 10:45:00 AM	564300.000	71.667	17.957	163.351
29205.033	33744.602	21.322	22946.330	34.241
1.015	14.684			
8/17/2016 10:50:00 AM	564600.000	71.685	17.957	163.392
29225.648	33768.035	21.338	22962.266	34.217
1.015	14.685			
8/17/2016 10:55:00 AM	564900.000	71.671	17.957	163.361
29214.422	33755.449	21.329	22953.707	34.230
1.015	14.685			
8/17/2016 11:00:00 AM	565200.000	71.692	17.957	163.408
29208.623	33748.363	21.324	22948.887	34.236
1.015	14.685			
8/17/2016 11:05:00 AM	565500.000	71.671	17.957	163.361
29219.008	33760.359	21.333	22957.047	34.224
1.015	14.684			
8/17/2016 11:10:00 AM	565800.000	71.699	17.956	163.424
29211.789	33752.664	21.327	22951.813	34.233
1.015	14.683			
8/17/2016 11:15:00 AM	566100.000	71.694	17.956	163.412
29215.627	33757.039	21.330	22954.789	34.228
1.015	14.682			
8/17/2016 11:20:00 AM	566400.000	71.705	17.957	163.438
29230.137	33773.219	21.342	22965.789	34.211
1.015	14.682			
8/17/2016 11:25:00 AM	566700.000	71.680	17.957	163.381
29224.887	33767.344	21.337	22961.795	34.217
1.015	14.682			
8/17/2016 11:30:00 AM	567000.000	71.683	17.957	163.387
29223.797	33766.148	21.337	22960.980	34.219
1.015	14.683			
8/17/2016 11:35:00 AM	567300.000	71.683	17.956	163.388
29208.490	33748.793	21.325	22949.180	34.237
1.015	14.682			
8/17/2016 11:40:00 AM	567600.000	71.690	17.957	163.403
29225.254	33768.098	21.338	22962.307	34.217
1.015	14.681			
8/17/2016 11:45:00 AM	567900.000	71.686	17.957	163.395
29213.100	33753.922	21.328	22952.670	34.231
1.015	14.680			
8/17/2016 11:50:00 AM	568200.000	71.688	17.957	163.399
29218.039	33759.496	21.332	22956.459	34.225
1.015	14.679			
8/17/2016 11:55:00 AM	568500.000	71.696	17.956	163.417
29215.627	33757.293	21.330	22954.959	34.228

1.015	14.678			
8/17/2016 12:00:00 PM	568800.000	71.693	17.956	163.411
29207.180	33747.410	21.324	22948.240	34.238
1.015	14.677			
8/17/2016 12:05:00 PM	569100.000	71.693	17.957	163.411
29205.203	33744.867	21.322	22946.510	34.240
1.015	14.678			
8/17/2016 12:10:00 PM	569400.000	71.696	17.957	163.416
29207.961	33748.117	21.324	22948.721	34.237
1.015	14.679			
8/17/2016 12:15:00 PM	569700.000	71.693	17.957	163.411
29226.342	33769.289	21.339	22963.117	34.216
1.015	14.679			
8/17/2016 12:20:00 PM	570000.000	71.687	17.957	163.398
29211.154	33751.477	21.326	22951.006	34.233
1.015	14.684			
8/17/2016 12:25:00 PM	570300.000	71.703	17.956	163.432
29216.430	33758.219	21.331	22955.592	34.227
1.015	14.688			
8/17/2016 12:30:00 PM	570600.000	71.682	17.956	163.385
29209.016	33749.727	21.325	22949.816	34.236
1.015	14.693			
8/17/2016 12:35:00 PM	570900.000	71.683	17.957	163.389
29213.330	33754.320	21.328	22952.938	34.231
1.015	14.689			
8/17/2016 12:40:00 PM	571200.000	71.688	17.957	163.400
29213.422	33754.293	21.328	22952.922	34.231
1.015	14.686			
8/17/2016 12:45:00 PM	571500.000	71.692	17.956	163.409
29221.936	33764.328	21.335	22959.746	34.221
1.015	14.683			
8/17/2016 12:50:00 PM	571800.000	71.713	17.957	163.456
29204.137	33743.434	21.321	22945.535	34.242
1.015	14.681			
8/17/2016 12:55:00 PM	572100.000	71.698	17.956	163.422
29217.750	33759.625	21.332	22956.547	34.226
1.015	14.678			
8/17/2016 1:00:00 PM	572400.000	71.698	17.957	163.421
29195.424	33733.500	21.314	22938.779	34.252
1.015	14.676			
8/17/2016 1:05:00 PM	572700.000	71.715	17.956	163.460
29232.313	33776.320	21.344	22967.898	34.209
1.015	14.677			
8/17/2016 1:10:00 PM	573000.000	71.719	17.957	163.470
29208.096	33748.207	21.324	22948.781	34.237
1.015	14.678			
8/17/2016 1:15:00 PM	573300.000	71.718	17.957	163.468
29207.207	33747.051	21.323	22947.996	34.238
1.015	14.679			
8/17/2016 1:20:00 PM	573600.000	71.697	17.957	163.420
29210.711	33750.832	21.326	22950.566	34.234
1.015	14.676			
8/17/2016 1:25:00 PM	573900.000	71.701	17.956	163.428
29203.896	33743.617	21.321	22945.662	34.242
1.015	14.672			
8/17/2016 1:30:00 PM	574200.000	71.698	17.956	163.422
29202.477	33742.039	21.320	22944.588	34.244
1.015	14.669			

8/17/2016 1:35:00 PM	574500.000	71.702	17.957	163.432
29233.529	33777.656	21.345	22968.807	34.207
1.015	14.670			
8/17/2016 1:40:00 PM	574800.000	71.721	17.957	163.474
29210.250	33750.699	21.326	22950.479	34.235
1.015	14.671			
8/17/2016 1:45:00 PM	575100.000	71.704	17.956	163.436
29210.238	33750.813	21.326	22950.555	34.235
1.015	14.673			
8/17/2016 1:50:00 PM	575400.000	71.720	17.957	163.472
29229.387	33772.352	21.341	22965.201	34.212
1.015	14.671			
8/17/2016 1:55:00 PM	575700.000	71.701	17.956	163.428
29200.033	33739.082	21.318	22942.578	34.247
1.015	14.670			
8/17/2016 2:00:00 PM	576000.000	71.723	17.956	163.480
29202.244	33741.773	21.320	22944.406	34.244
1.015	14.668			
8/17/2016 2:05:00 PM	576300.000	71.699	17.956	163.425
29230.582	33774.449	21.342	22966.625	34.211
1.015	14.670			
8/17/2016 2:10:00 PM	576600.000	71.696	17.957	163.418
29211.467	33752.102	21.327	22951.432	34.233
1.015	14.673			
8/17/2016 2:15:00 PM	576900.000	71.695	17.957	163.415
29216.510	33757.992	21.331	22955.438	34.227
1.015	14.675			
8/17/2016 2:20:00 PM	577200.000	71.692	17.957	163.409
29210.240	33750.555	21.326	22950.379	34.235
1.015	14.677			
8/17/2016 2:25:00 PM	577500.000	71.692	17.957	163.409
29209.545	33749.754	21.325	22949.832	34.235
1.015	14.678			
8/17/2016 2:30:00 PM	577800.000	71.685	17.957	163.392
29204.729	33744.051	21.321	22945.955	34.241
1.015	14.680			
8/17/2016 2:35:00 PM	578100.000	71.687	17.957	163.396
29219.861	33761.672	21.333	22957.939	34.223
1.015	14.678			
8/17/2016 2:40:00 PM	578400.000	71.687	17.957	163.397
29209.459	33749.715	21.325	22949.809	34.235
1.015	14.676			
8/17/2016 2:45:00 PM	578700.000	71.686	17.957	163.395
29205.639	33745.301	21.322	22946.807	34.240
1.015	14.674			
8/17/2016 2:50:00 PM	579000.000	71.688	17.957	163.400
29214.074	33755.047	21.329	22953.432	34.230
1.015	14.673			
8/17/2016 2:55:00 PM	579300.000	71.690	17.957	163.403
29227.285	33770.379	21.340	22963.857	34.215
1.015	14.672			
8/17/2016 3:00:00 PM	579600.000	71.689	17.956	163.401
29209.641	33750.375	21.326	22950.256	34.235
1.015	14.671			
8/17/2016 3:05:00 PM	579900.000	71.684	17.957	163.389
29197.266	33735.695	21.315	22940.275	34.250
1.015	14.671			
8/17/2016 3:10:00 PM	580200.000	71.684	17.956	163.391

29221.111	33763.434	21.335	22959.135	34.222
1.015	14.671			
8/17/2016 3:15:00 PM	580500.000	71.682	17.957	163.386
29205.301	33744.848	21.322	22946.496	34.240
1.015	14.671			
8/17/2016 3:20:00 PM	580800.000	71.681	17.957	163.382
29233.070	33776.934	21.344	22968.314	34.208
1.015	14.670			
8/17/2016 3:25:00 PM	581100.000	71.682	17.956	163.386
29218.885	33761.055	21.333	22957.520	34.224
1.015	14.669			
8/17/2016 3:30:00 PM	581400.000	71.707	17.957	163.441
29234.631	33778.738	21.345	22969.543	34.206
1.015	14.668			
8/17/2016 3:35:00 PM	581700.000	71.681	17.957	163.383
29204.328	33743.727	21.321	22945.736	34.242
1.015	14.668			
8/17/2016 3:40:00 PM	582000.000	71.686	17.957	163.394
29223.277	33765.684	21.336	22960.666	34.219
1.015	14.669			
8/17/2016 3:45:00 PM	582300.000	71.682	17.957	163.386
29224.365	33766.809	21.337	22961.432	34.218
1.015	14.669			
8/17/2016 3:50:00 PM	582600.000	71.675	17.956	163.369
29186.422	33723.355	21.307	22931.885	34.263
1.015	14.668			
8/17/2016 3:55:00 PM	582900.000	71.676	17.957	163.371
29232.543	33776.125	21.344	22967.766	34.208
1.015	14.668			
8/17/2016 4:00:00 PM	583200.000	71.697	17.957	163.419
29226.475	33769.242	21.339	22963.086	34.216
1.015	14.668			
8/17/2016 4:05:00 PM	583500.000	71.676	17.957	163.371
29209.703	33750.129	21.325	22950.088	34.235
1.015	14.665			
8/17/2016 4:10:00 PM	583800.000	71.696	17.957	163.418
29210.307	33750.695	21.326	22950.475	34.234
1.015	14.662			
8/17/2016 4:15:00 PM	584100.000	71.677	17.957	163.375
29237.732	33782.320	21.348	22971.979	34.202
1.015	14.659			
8/17/2016 4:20:00 PM	584400.000	71.679	17.956	163.379
29208.285	33748.617	21.324	22949.063	34.237
1.015	14.660			
8/17/2016 4:25:00 PM	584700.000	71.679	17.957	163.378
29213.906	33754.793	21.329	22953.260	34.230
1.015	14.661			
8/17/2016 4:30:00 PM	585000.000	71.675	17.956	163.370
29200.838	33740.082	21.318	22943.256	34.246
1.015	14.662			
8/17/2016 4:35:00 PM	585300.000	71.694	17.957	163.413
29223.699	33766.105	21.337	22960.953	34.219
1.015	14.662			
8/17/2016 4:40:00 PM	585600.000	71.672	17.956	163.364
29200.490	33739.680	21.318	22942.984	34.246
1.015	14.661			
8/17/2016 4:45:00 PM	585900.000	71.677	17.957	163.374
29230.910	33774.238	21.342	22966.484	34.210

1.015	14.660			
8/17/2016 4:50:00 PM	586200.000	71.674	17.957	163.367
29214.227	33755.160	21.329	22953.510	34.230
1.015	14.661			
8/17/2016 4:55:00 PM	586500.000	71.671	17.957	163.359
29215.816	33756.672	21.330	22954.539	34.228
1.015	14.661			
8/17/2016 5:00:00 PM	586800.000	71.688	17.956	163.399
29201.543	33740.824	21.319	22943.760	34.245
1.015	14.661			
8/17/2016 5:05:00 PM	587100.000	71.672	17.956	163.362
29203.475	33743.250	21.321	22945.412	34.243
1.015	14.660			
8/17/2016 5:10:00 PM	587400.000	71.672	17.957	163.362
29209.342	33749.711	21.325	22949.805	34.236
1.015	14.658			
8/17/2016 5:15:00 PM	587700.000	71.690	17.956	163.405
29218.865	33760.840	21.333	22957.373	34.224
1.015	14.657			
8/17/2016 5:20:00 PM	588000.000	71.670	17.957	163.357
29218.846	33760.629	21.333	22957.230	34.224
1.015	14.658			
8/17/2016 5:25:00 PM	588300.000	71.670	17.957	163.359
29215.451	33756.441	21.330	22954.383	34.228
1.015	14.659			
8/17/2016 5:30:00 PM	588600.000	71.692	17.957	163.408
29202.785	33741.871	21.320	22944.473	34.243
1.015	14.660			
8/17/2016 5:35:00 PM	588900.000	71.689	17.956	163.401
29224.760	33767.789	21.338	22962.100	34.218
1.015	14.660			
8/17/2016 5:40:00 PM	589200.000	71.668	17.957	163.354
29224.844	33767.293	21.337	22961.762	34.217
1.015	14.661			
8/17/2016 5:45:00 PM	589500.000	71.669	17.957	163.357
29212.104	33752.570	21.327	22951.750	34.232
1.015	14.661			
8/17/2016 5:50:00 PM	589800.000	71.667	17.957	163.352
29221.182	33763.328	21.335	22959.064	34.222
1.015	14.660			
8/17/2016 5:55:00 PM	590100.000	71.673	17.956	163.365
29208.686	33749.148	21.325	22949.422	34.236
1.015	14.658			
8/17/2016 6:00:00 PM	590400.000	71.671	17.956	163.360
29218.400	33760.305	21.333	22957.008	34.225
1.015	14.657			
8/17/2016 6:05:00 PM	590700.000	71.695	17.957	163.416
29232.201	33776.125	21.344	22967.766	34.209
1.015	14.656			
8/17/2016 6:10:00 PM	591000.000	71.678	17.957	163.376
29224.021	33766.480	21.337	22961.209	34.218
1.015	14.654			
8/17/2016 6:15:00 PM	591300.000	71.678	17.957	163.377
29213.063	33753.945	21.328	22952.684	34.231
1.015	14.653			
8/17/2016 6:20:00 PM	591600.000	71.678	17.957	163.376
29227.047	33769.977	21.339	22963.584	34.215
1.015	14.654			

8/17/2016 6:25:00 PM	591900.000	71.674	17.957	163.366
29228.566	33771.660	21.340	22964.729	34.213
1.015	14.654			
8/17/2016 6:30:00 PM	592200.000	71.675	17.957	163.369
29236.352	33780.918	21.347	22971.027	34.204
1.015	14.655			
8/17/2016 6:35:00 PM	592500.000	71.688	17.957	163.400
29221.387	33763.434	21.335	22959.135	34.222
1.015	14.657			
8/17/2016 6:40:00 PM	592800.000	71.672	17.957	163.363
29220.770	33762.586	21.334	22958.559	34.222
1.015	14.658			
8/17/2016 6:45:00 PM	593100.000	71.692	17.957	163.407
29212.600	33753.281	21.328	22952.234	34.232
1.015	14.660			
8/17/2016 6:50:00 PM	593400.000	71.698	17.957	163.422
29234.510	33778.789	21.345	22969.578	34.206
1.015	14.658			
8/17/2016 6:55:00 PM	593700.000	71.702	17.957	163.431
29224.248	33766.672	21.337	22961.338	34.218
1.015	14.657			
8/17/2016 7:00:00 PM	594000.000	71.672	17.957	163.363
29212.184	33752.340	21.327	22951.594	34.232
1.015	14.656			
8/17/2016 7:05:00 PM	594300.000	71.680	17.956	163.382
29219.621	33761.656	21.333	22957.928	34.224
1.015	14.654			
8/17/2016 7:10:00 PM	594600.000	71.701	17.957	163.429
29218.803	33760.578	21.333	22957.195	34.225
1.015	14.652			
8/17/2016 7:15:00 PM	594900.000	71.704	17.957	163.436
29219.176	33761.074	21.333	22957.533	34.224
1.015	14.651			
8/17/2016 7:20:00 PM	595200.000	71.690	17.957	163.403
29218.324	33759.379	21.332	22956.379	34.225
1.015	14.652			
8/17/2016 7:25:00 PM	595500.000	71.691	17.957	163.405
29216.988	33758.484	21.331	22955.770	34.227
1.015	14.653			
8/17/2016 7:30:00 PM	595800.000	71.708	17.956	163.446
29210.695	33751.398	21.326	22950.953	34.234
1.015	14.654			
8/17/2016 7:35:00 PM	596100.000	71.708	17.956	163.444
29207.785	33748.176	21.324	22948.762	34.237
1.015	14.654			
8/17/2016 7:40:00 PM	596400.000	71.692	17.956	163.409
29211.900	33752.793	21.327	22951.902	34.233
1.015	14.654			
8/17/2016 7:45:00 PM	596700.000	71.694	17.957	163.413
29206.033	33745.824	21.322	22947.160	34.240
1.015	14.654			
8/17/2016 7:50:00 PM	597000.000	71.697	17.956	163.420
29197.367	33736.074	21.316	22940.533	34.250
1.015	14.655			
8/17/2016 7:55:00 PM	597300.000	71.696	17.956	163.417
29218.645	33760.586	21.333	22957.201	34.225
1.015	14.656			
8/17/2016 8:00:00 PM	597600.000	71.700	17.957	163.427

29214.148	33755.000	21.329	22953.402	34.230
1.015	14.657			
8/17/2016 8:05:00 PM	597900.000	71.707	17.957	163.442
29201.764	33740.891	21.319	22943.807	34.245
1.015	14.658			
8/17/2016 8:10:00 PM	598200.000	71.705	17.957	163.437
29233.807	33777.648	21.345	22968.801	34.207
1.015	14.658			
8/17/2016 8:15:00 PM	598500.000	71.704	17.957	163.436
29229.254	33772.387	21.341	22965.223	34.212
1.015	14.659			
8/17/2016 8:20:00 PM	598800.000	71.710	17.956	163.448
29207.830	33748.031	21.324	22948.664	34.237
1.015	14.661			
8/17/2016 8:25:00 PM	599100.000	71.708	17.957	163.444
29207.666	33747.445	21.324	22948.266	34.238
1.015	14.663			
8/17/2016 8:30:00 PM	599400.000	71.725	17.957	163.484
29237.762	33782.547	21.348	22972.133	34.202
1.015	14.664			
8/17/2016 8:35:00 PM	599700.000	71.709	17.956	163.447
29231.641	33775.672	21.343	22967.459	34.210
1.015	14.665			
8/17/2016 8:40:00 PM	600000.000	71.728	17.956	163.491
29214.512	33755.750	21.329	22953.910	34.230
1.015	14.665			
8/17/2016 8:45:00 PM	600300.000	71.719	17.957	163.469
29190.234	33727.117	21.309	22934.441	34.258
1.015	14.666			
8/17/2016 8:50:00 PM	600600.000	71.718	17.957	163.468
29215.057	33756.313	21.330	22954.295	34.229
1.015	14.666			
8/17/2016 8:55:00 PM	600900.000	71.720	17.957	163.471
29238.814	33783.633	21.349	22972.871	34.201
1.015	14.667			
8/17/2016 9:00:00 PM	601200.000	71.723	17.957	163.479
29229.055	33772.488	21.341	22965.293	34.213
1.015	14.667			
8/17/2016 9:05:00 PM	601500.000	71.727	17.957	163.487
29249.756	33795.820	21.357	22981.160	34.188
1.015	14.666			
8/17/2016 9:10:00 PM	601800.000	71.750	17.956	163.539
29216.381	33757.969	21.331	22955.422	34.227
1.015	14.665			
8/17/2016 9:15:00 PM	602100.000	71.751	17.957	163.544
29229.910	33773.414	21.342	22965.924	34.212
1.015	14.663			
8/17/2016 9:20:00 PM	602400.000	71.738	17.957	163.512
29206.232	33746.055	21.323	22947.318	34.239
1.015	14.665			
8/17/2016 9:25:00 PM	602700.000	71.738	17.957	163.512
29217.361	33758.582	21.331	22955.838	34.226
1.015	14.666			
8/17/2016 9:30:00 PM	603000.000	71.735	17.957	163.507
29230.404	33773.785	21.342	22966.176	34.211
1.015	14.667			
8/17/2016 9:35:00 PM	603300.000	71.741	17.957	163.520
29227.115	33770.117	21.339	22963.680	34.215

1.015	14.667			
8/17/2016 9:40:00 PM	603600.000	71.746	17.956	163.530
29217.250	33759.242	21.332	22956.285	34.226
1.015	14.667			
8/17/2016 9:45:00 PM	603900.000	71.764	17.957	163.572
29222.365	33764.496	21.335	22959.857	34.220
1.015	14.668			
8/17/2016 9:50:00 PM	604200.000	71.744	17.957	163.527
29208.438	33748.602	21.324	22949.049	34.237
1.015	14.668			
8/17/2016 9:55:00 PM	604500.000	71.750	17.956	163.540
29208.168	33748.551	21.324	22949.016	34.237
1.015	14.668			
8/17/2016 10:00:00 PM	604800.000	71.750	17.957	163.541
29214.455	33755.617	21.329	22953.820	34.230
1.015	14.668			
8/17/2016 10:05:00 PM	605100.000	71.756	17.957	163.555
29198.711	33737.098	21.316	22941.227	34.248
1.015	14.665			
8/17/2016 10:10:00 PM	605400.000	71.760	17.956	163.564
29221.504	33763.832	21.335	22959.408	34.221
1.015	14.662			
8/17/2016 10:15:00 PM	605700.000	71.766	17.957	163.577
29227.768	33770.871	21.340	22964.195	34.214
1.015	14.659			
8/17/2016 10:20:00 PM	606000.000	71.787	17.956	163.626
29213.879	33755.078	21.329	22953.455	34.230
1.015	14.660			
8/17/2016 10:25:00 PM	606300.000	71.763	17.957	163.570
29217.875	33759.441	21.332	22956.422	34.226
1.015	14.661			
8/17/2016 10:30:00 PM	606600.000	71.765	17.957	163.575
29198.068	33736.555	21.316	22940.859	34.249
1.015	14.662			
8/17/2016 10:35:00 PM	606900.000	71.765	17.957	163.576
29191.689	33728.855	21.311	22935.621	34.256
1.015	14.665			
8/17/2016 10:40:00 PM	607200.000	71.760	17.957	163.563
29223.955	33766.078	21.337	22960.936	34.219
1.015	14.667			
8/17/2016 10:45:00 PM	607500.000	71.765	17.956	163.575
29236.615	33781.293	21.347	22971.281	34.204
1.015	14.669			
8/17/2016 10:50:00 PM	607800.000	71.784	17.956	163.618
29215.705	33757.129	21.330	22954.850	34.228
1.015	14.668			
8/17/2016 10:55:00 PM	608100.000	71.770	17.956	163.587
29226.125	33769.422	21.339	22963.207	34.216
1.015	14.667			
8/17/2016 11:00:00 PM	608400.000	71.772	17.957	163.590
29218.684	33760.504	21.333	22957.145	34.225
1.015	14.665			
8/17/2016 11:05:00 PM	608700.000	71.795	17.956	163.644
29224.533	33767.582	21.338	22961.955	34.218
1.015	14.666			
8/17/2016 11:10:00 PM	609000.000	71.774	17.956	163.595
29214.855	33756.207	21.330	22954.223	34.229
1.015	14.666			

8/17/2016 11:15:00 PM	609300.000	71.771	17.957	163.587
29229.475	33772.512	21.341	22965.309	34.212
1.015	14.666			
8/17/2016 11:20:00 PM	609600.000	71.776	17.956	163.600
29201.971	33741.512	21.319	22944.229	34.244
1.015	14.665			
8/17/2016 11:25:00 PM	609900.000	71.773	17.957	163.592
29214.768	33755.918	21.329	22954.027	34.229
1.015	14.664			
8/17/2016 11:30:00 PM	610200.000	71.779	17.956	163.607
29229.188	33772.707	21.341	22965.443	34.212
1.015	14.663			
8/17/2016 11:35:00 PM	610500.000	71.798	17.957	163.649
29220.582	33762.305	21.334	22958.369	34.222
1.015	14.665			
8/17/2016 11:40:00 PM	610800.000	71.775	17.957	163.597
29220.057	33761.629	21.333	22957.908	34.223
1.015	14.667			
8/17/2016 11:45:00 PM	611100.000	71.777	17.956	163.602
29217.670	33759.461	21.332	22956.434	34.226
1.015	14.668			
8/17/2016 11:50:00 PM	611400.000	71.784	17.957	163.617
29192.186	33729.824	21.311	22936.283	34.256
1.015	14.667			
8/17/2016 11:55:00 PM	611700.000	71.784	17.957	163.618
29221.732	33764.027	21.335	22959.539	34.221
1.015	14.667			

Report Date: 8/19/2016 12:31:43 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4S LT Test_2016-08-18_11-48-03-010-BaroMerge.wsl
Create Date: 8/19/2016 12:27:41 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2015 3:03:23 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:22:57 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time:
10/1/2015 3:05:00 PM	Stop Time: 10/8/2015 6:20:00 PM
10/15/2015 1:59:55 PM	Log Download - Used Battery: 23% Used Memory: 7% User Name: KMakar
10/22/2015 5:47:00 PM	Log Download - Used Battery: 24% Used Memory: 9% User Name: CShaw
10/29/2015 4:03:27 PM	Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start
Time: 10/13/2015 6:15:00 AM	Stop Time: 10/29/2015 4:05:00 PM
11/5/2015 3:02:35 PM	Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/5/2015 3:00:00 PM
11/12/2015 5:59:32 PM	Log Download - Used Battery: 26% Used Memory: 17% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/12/2015 6:00:00 PM
11/19/2015 3:59:34 PM	Log Download - Used Battery: 27% Used Memory: 20% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 4:00:00 PM
11/29/2015 10:36:51 AM	Log Download - Used Battery: 28% Used Memory: 23% User Name: CShaw Interval - Start
Time: 11/13/2015 1:00:00 AM	Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 11:43:48 AM	Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start
Time: 11/18/2015 7:00:00 AM	Stop Time: 12/3/2015 11:45:00 AM
12/10/2015 4:22:36 PM	Log Download - Used Battery: 29% Used Memory: 26% User Name: CShaw Interval - Start Time:
10/13/2015 1:00:00 AM	Stop Time: 12/10/2015 4:20:00 PM
12/17/2015 1:23:10 PM	Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 1:30:00 PM
1/3/2016 2:47:58 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 3:45:00 PM
1/7/2016 11:09:53 AM	Log Download - Used Battery: 32% Used Memory: 35% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 11:10:00 AM
1/14/2016 9:55:27 AM	Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start
Time: 1/4/2016 10:00:00 AM	Stop Time: 1/14/2016 9:55:00 AM
1/21/2016 1:03:06 PM	Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start
Time: 1/12/2016 11:00:00 AM	Stop Time: 1/21/2016 1:00:00 PM
1/28/2016 2:41:57 PM	Log Download - Used Battery: 34% Used Memory: 43% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 2:40:00 PM
2/4/2016 4:06:14 PM	Log Download - Used Battery: 35% Used Memory: 46% User Name: CShaw Interval - Start Time:
12/31/2015 1:00:00 AM	Stop Time: 2/4/2016 4:05:00 PM
2/11/2016 8:32:57 AM	Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time:
2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 9:30:00 AM
2/18/2016 12:44:45 PM	Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time:
2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:45:48 PM	Log Download - Used Battery: 37% Used Memory: 53% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 12:45:00 PM
3/3/2016 1:35:20 PM	Log Download - Used Battery: 38% Used Memory: 56% User Name: SKuiper Interval - Start Time:
1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 2:35:00 PM
3/10/2016 3:27:14 PM	Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 3:30:00 PM
3/17/2016 8:09:04 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 2/3/2016 12:00:01 AM	Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 8:09:49 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 2/29/2016 12:00:01 AM	Stop Time: 3/17/2016 8:05:00 AM
3/17/2016 9:31:43 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/17/2016 12:00:01 AM	Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 9:32:07 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/17/2016 12:00:01 AM	Stop Time: 3/17/2016 10:05:00 AM
3/18/2016 8:59:06 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/8/2016 9:00:00 AM	Stop Time: 3/18/2016 9:55:00 AM

3/24/2016 1:28:49 PM Log Download - Used Battery: 40% Used Memory: 64% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:30:00 PM
3/31/2016 5:56:35 PM Log Download - Used Battery: 41% Used Memory: 65% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 6:50:00 PM
4/7/2016 2:43:46 PM Log Download - Used Battery: 41% Used Memory: 68% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 2:45:00 PM
4/14/2016 4:44:14 PM Log Download - Used Battery: 42% Used Memory: 70% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 5:40:00 PM
4/21/2016 2:37:50 PM Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:35:00 PM
4/21/2016 6:58:29 PM Log Download - Used Battery: 43% Used Memory: 73% User Name: ELinden Interval - Start Time: 4/20/2016 6:00:00 PM Stop Time: 4/21/2016 6:55:00 PM
4/22/2016 11:00:16 AM Log Download - Used Battery: 43% Used Memory: 73% User Name: SKuiper Interval - Start Time: 4/12/2016 6:00:00 PM Stop Time: 4/22/2016 10:55:00 AM
4/28/2016 11:51:27 AM Log Download - Used Battery: 44% Used Memory: 76% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 11:50:00 AM
5/5/2016 1:32:53 PM Log Download - Used Battery: 44% Used Memory: 78% User Name: SKuiper Interval - Start Time: 3/31/2016 6:00:00 PM Stop Time: 5/5/2016 2:25:00 PM
5/12/2016 4:41:57 PM Log Download - Used Battery: 45% Used Memory: 81% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:35:00 PM
5/19/2016 5:29:31 PM Log Download - Used Battery: 46% Used Memory: 82% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:25:00 PM
5/26/2016 2:49:19 PM Log Download - Used Battery: 47% Used Memory: 85% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 2:45:00 PM
6/2/2016 5:07:15 PM Log Download - Used Battery: 47% Used Memory: 87% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 5:05:00 PM
6/9/2016 1:54:08 PM Log Download - Used Battery: 48% Used Memory: 90% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 2:50:00 PM
6/16/2016 6:12:43 PM Log Download - Used Battery: 49% Used Memory: 93% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:05:00 PM
6/23/2016 6:18:51 PM Log Download - Used Battery: 50% Used Memory: 95% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:10:00 PM
7/1/2016 3:07:55 PM Log Download - Used Battery: 50% Used Memory: 98% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 3:05:00 PM
7/8/2016 1:09:21 PM Log Download - Used Battery: 51% Used Memory: 100% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
7/14/2016 2:54:01 PM Log Download - Used Battery: 52% Used Memory: 100% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 3:50:00 PM
7/21/2016 7:22:33 PM Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 7:15:00 PM
7/22/2016 10:14:49 AM Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
7/28/2016 9:05:25 PM Log Download - Used Battery: 53% Used Memory: 100% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:05:00 PM
8/4/2016 7:39:00 PM Log Download - Used Battery: 54% Used Memory: 100% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:35:00 PM
8/11/2016 5:02:24 PM Log Download - Used Battery: 55% Used Memory: 100% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:00:00 PM
8/18/2016 11:46:56 AM Log Download - Used Battery: 55% Used Memory: 100% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 11:45:00 AM
8/19/2016 12:27:41 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl"

Log Data:

Record Count: 2181

Sensors: 2

1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft	
Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft	
Sensor: PCTD(A) 35.8ft		Sensor: PCTD(A) 35.8ft		Sensor: Baro-Adj Calc	
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 000000	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)		
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			
8/11/2016 12:00:00 AM	7200.000	12.087	17.700	27.551	
6301.416	7322.408	4.072	4979.238	158.694	
1.002	14.708				
8/11/2016 12:05:00 AM	7500.000	12.085	17.700	27.546	
6318.244	7341.990	4.084	4992.553	158.272	
1.002	14.710				
8/11/2016 12:10:00 AM	7800.000	12.077	17.699	27.527	
6332.303	7358.385	4.093	5003.702	157.920	
1.002	14.713				
8/11/2016 12:15:00 AM	8100.000	12.073	17.699	27.519	
6347.769	7376.384	4.104	5015.941	157.536	
1.002	14.716				
8/11/2016 12:20:00 AM	8400.000	12.080	17.700	27.534	
6361.745	7392.555	4.114	5026.938	157.190	
1.002	14.715				
8/11/2016 12:25:00 AM	8700.000	12.081	17.699	27.535	
6374.834	7407.864	4.123	5037.348	156.867	
1.002	14.714				
8/11/2016 12:30:00 AM	9000.000	12.079	17.699	27.531	
6387.357	7422.359	4.132	5047.205	156.559	
1.002	14.713				
8/11/2016 12:35:00 AM	9300.000	12.078	17.699	27.529	
6399.136	7436.033	4.140	5056.503	156.271	
1.002	14.713				
8/11/2016 12:40:00 AM	9600.000	12.077	17.699	27.527	
6411.353	7450.271	4.148	5066.185	155.973	
1.002	14.714				
8/11/2016 12:45:00 AM	9900.000	12.081	17.699	27.537	
6422.534	7463.264	4.156	5075.020	155.702	
1.002	14.715				
8/11/2016 12:50:00 AM	10200.000	12.076	17.700	27.526	
6431.849	7474.002	4.162	5082.322	155.476	
1.002	14.716				
8/11/2016 12:55:00 AM	10500.000	12.078	17.700	27.530	
6441.785	7485.564	4.169	5090.184	155.236	
1.002	14.717				
8/11/2016 1:00:00 AM	10800.000	12.074	17.699	27.520	
6450.863	7496.229	4.176	5097.436	155.018	
1.002	14.718				
8/11/2016 1:05:00 AM	11100.000	12.080	17.699	27.535	

6460.657	7507.582	4.182	5105.156	154.783
1.002	14.716			
8/11/2016 1:10:00 AM	11400.000	12.084	17.699	27.543
6469.138	7517.377	4.188	5111.817	154.580
1.002	14.713			
8/11/2016 1:15:00 AM	11700.000	12.087	17.699	27.549
6476.550	7526.079	4.193	5117.733	154.403
1.002	14.711			
8/11/2016 1:20:00 AM	12000.000	12.081	17.700	27.537
6484.237	7534.895	4.199	5123.729	154.220
1.002	14.712			
8/11/2016 1:25:00 AM	12300.000	12.085	17.700	27.545
6492.334	7544.289	4.204	5130.117	154.028
1.002	14.713			
8/11/2016 1:30:00 AM	12600.000	12.083	17.699	27.540
6498.706	7551.736	4.209	5135.181	153.877
1.002	14.715			
8/11/2016 1:35:00 AM	12900.000	12.084	17.699	27.544
6503.798	7557.669	4.212	5139.215	153.756
1.002	14.714			
8/11/2016 1:40:00 AM	13200.000	12.084	17.699	27.543
6509.240	7563.963	4.216	5143.495	153.628
1.002	14.714			
8/11/2016 1:45:00 AM	13500.000	12.085	17.699	27.546
6516.436	7572.325	4.221	5149.181	153.458
1.002	14.713			
8/11/2016 1:50:00 AM	13800.000	12.080	17.699	27.533
6522.271	7579.134	4.225	5153.812	153.321
1.002	14.714			
8/11/2016 1:55:00 AM	14100.000	12.084	17.699	27.543
6528.361	7586.257	4.229	5158.656	153.178
1.002	14.714			
8/11/2016 2:00:00 AM	14400.000	12.083	17.699	27.541
6532.520	7591.058	4.232	5161.919	153.080
1.002	14.715			
8/11/2016 2:05:00 AM	14700.000	12.085	17.700	27.546
6535.597	7594.504	4.234	5164.263	153.008
1.002	14.715			
8/11/2016 2:10:00 AM	15000.000	12.086	17.699	27.548
6540.274	7600.069	4.238	5168.047	152.899
1.002	14.714			
8/11/2016 2:15:00 AM	15300.000	12.086	17.700	27.547
6547.038	7607.856	4.242	5173.343	152.741
1.002	14.714			
8/11/2016 2:20:00 AM	15600.000	12.085	17.700	27.546
6549.846	7611.106	4.244	5175.552	152.675
1.002	14.715			
8/11/2016 2:25:00 AM	15900.000	12.084	17.699	27.543
6554.399	7616.527	4.247	5179.239	152.569
1.002	14.716			
8/11/2016 2:30:00 AM	16200.000	12.083	17.699	27.540
6556.421	7618.819	4.249	5180.797	152.522
1.002	14.717			
8/11/2016 2:35:00 AM	16500.000	12.085	17.699	27.545
6559.900	7622.832	4.251	5183.525	152.441
1.002	14.717			
8/11/2016 2:40:00 AM	16800.000	12.086	17.699	27.547
6563.782	7627.372	4.254	5186.614	152.351

1.002	14.716			
8/11/2016 2:45:00 AM	17100.000	12.082	17.699	27.538
6567.792	7632.003	4.257	5189.763	152.258
1.002	14.716			
8/11/2016 2:50:00 AM	17400.000	12.081	17.699	27.537
6570.399	7635.076	4.258	5191.852	152.198
1.002	14.717			
8/11/2016 2:55:00 AM	17700.000	12.084	17.699	27.543
6572.705	7637.711	4.260	5193.644	152.144
1.002	14.717			
8/11/2016 3:00:00 AM	18000.000	12.084	17.700	27.543
6574.723	7640.014	4.261	5195.209	152.098
1.002	14.718			
8/11/2016 3:05:00 AM	18300.000	12.087	17.700	27.549
6577.748	7643.498	4.263	5197.579	152.028
1.002	14.717			
8/11/2016 3:10:00 AM	18600.000	12.083	17.699	27.542
6580.707	7647.040	4.266	5199.987	151.959
1.002	14.716			
8/11/2016 3:15:00 AM	18900.000	12.088	17.699	27.552
6581.115	7647.484	4.266	5200.289	151.950
1.002	14.715			
8/11/2016 3:20:00 AM	19200.000	12.089	17.700	27.554
6584.174	7651.024	4.268	5202.697	151.879
1.002	14.714			
8/11/2016 3:25:00 AM	19500.000	12.084	17.699	27.544
6586.571	7653.838	4.270	5204.611	151.824
1.002	14.714			
8/11/2016 3:30:00 AM	19800.000	12.089	17.700	27.555
6586.233	7653.390	4.269	5204.306	151.832
1.002	14.714			
8/11/2016 3:35:00 AM	20100.000	12.091	17.700	27.559
6589.703	7657.421	4.272	5207.046	151.752
1.002	14.714			
8/11/2016 3:40:00 AM	20400.000	12.090	17.699	27.556
6592.021	7660.187	4.273	5208.928	151.699
1.002	14.714			
8/11/2016 3:45:00 AM	20700.000	12.084	17.700	27.542
6592.228	7660.310	4.273	5209.011	151.694
1.002	14.714			
8/11/2016 3:50:00 AM	21000.000	12.089	17.700	27.556
6593.483	7661.797	4.274	5210.023	151.665
1.002	14.713			
8/11/2016 3:55:00 AM	21300.000	12.088	17.699	27.551
6594.423	7662.963	4.275	5210.815	151.643
1.002	14.713			
8/11/2016 4:00:00 AM	21600.000	12.085	17.699	27.545
6594.958	7663.571	4.275	5211.229	151.631
1.002	14.713			
8/11/2016 4:05:00 AM	21900.000	12.085	17.699	27.545
6596.039	7664.827	4.276	5212.083	151.606
1.002	14.714			
8/11/2016 4:10:00 AM	22200.000	12.091	17.700	27.558
6596.773	7665.606	4.277	5212.613	151.589
1.002	14.714			
8/11/2016 4:15:00 AM	22500.000	12.086	17.700	27.548
6598.400	7667.511	4.278	5213.908	151.552
1.002	14.715			

8/11/2016 4:20:00 AM	22800.000	12.090	17.699	27.557
6598.990	7668.300	4.278	5214.444	151.538
1.002	14.713			
8/11/2016 4:25:00 AM	23100.000	12.089	17.699	27.554
6599.594	7668.972	4.279	5214.901	151.524
1.002	14.712			
8/11/2016 4:30:00 AM	23400.000	12.094	17.700	27.566
6601.025	7670.546	4.280	5215.972	151.492
1.002	14.710			
8/11/2016 4:35:00 AM	23700.000	12.094	17.700	27.566
6601.205	7670.756	4.280	5216.115	151.487
1.002	14.710			
8/11/2016 4:40:00 AM	24000.000	12.095	17.699	27.568
6601.321	7670.995	4.280	5216.277	151.485
1.002	14.709			
8/11/2016 4:45:00 AM	24300.000	12.096	17.700	27.571
6602.000	7671.710	4.280	5216.764	151.469
1.002	14.709			
8/11/2016 4:50:00 AM	24600.000	12.095	17.699	27.568
6604.350	7674.498	4.282	5218.659	151.415
1.002	14.710			
8/11/2016 4:55:00 AM	24900.000	12.093	17.700	27.565
6601.987	7671.664	4.280	5216.731	151.470
1.002	14.711			
8/11/2016 5:00:00 AM	25200.000	12.094	17.700	27.567
6602.721	7672.577	4.281	5217.353	151.453
1.002	14.713			
8/11/2016 5:05:00 AM	25500.000	12.088	17.700	27.552
6602.232	7671.906	4.280	5216.896	151.464
1.002	14.716			
8/11/2016 5:10:00 AM	25800.000	12.086	17.700	27.549
6602.299	7672.012	4.280	5216.969	151.462
1.002	14.718			
8/11/2016 5:15:00 AM	26100.000	12.080	17.700	27.534
6588.787	7656.295	4.271	5206.281	151.773
1.002	14.721			
8/11/2016 5:20:00 AM	26400.000	12.086	17.700	27.548
6564.220	7627.792	4.254	5186.899	152.341
1.002	14.718			
8/11/2016 5:25:00 AM	26700.000	12.091	17.700	27.558
6535.344	7594.238	4.234	5164.082	153.014
1.002	14.716			
8/11/2016 5:30:00 AM	27000.000	12.093	17.700	27.563
6510.771	7565.626	4.217	5144.625	153.592
1.002	14.713			
8/11/2016 5:35:00 AM	27300.000	12.094	17.700	27.566
6489.955	7541.408	4.203	5128.158	154.084
1.002	14.713			
8/11/2016 5:40:00 AM	27600.000	12.091	17.700	27.558
6469.128	7517.222	4.188	5111.711	154.580
1.002	14.713			
8/11/2016 5:45:00 AM	27900.000	12.096	17.701	27.569
6453.018	7498.443	4.177	5098.942	154.966
1.002	14.713			
8/11/2016 5:50:00 AM	28200.000	12.095	17.700	27.568
6437.904	7480.939	4.166	5087.040	155.330
1.002	14.715			
8/11/2016 5:55:00 AM	28500.000	12.091	17.700	27.559

6423.182	7463.859	4.156	5075.425	155.686
1.002	14.716			
8/11/2016 6:00:00 AM	28800.000	12.094	17.701	27.565
6410.411	7448.933	4.147	5065.275	155.996
1.002	14.718			
8/11/2016 6:05:00 AM	29100.000	12.093	17.700	27.564
6399.327	7436.084	4.140	5056.538	156.266
1.002	14.719			
8/11/2016 6:10:00 AM	29400.000	12.092	17.701	27.560
6387.896	7422.743	4.132	5047.465	156.546
1.002	14.721			
8/11/2016 6:15:00 AM	29700.000	12.087	17.701	27.550
6377.547	7410.674	4.125	5039.258	156.800
1.002	14.723			
8/11/2016 6:20:00 AM	30000.000	12.093	17.701	27.564
6367.824	7399.447	4.118	5031.625	157.040
1.002	14.721			
8/11/2016 6:25:00 AM	30300.000	12.092	17.700	27.562
6359.270	7389.521	4.112	5024.874	157.251
1.002	14.720			
8/11/2016 6:30:00 AM	30600.000	12.100	17.701	27.580
6350.733	7379.574	4.106	5018.111	157.462
1.002	14.718			
8/11/2016 6:35:00 AM	30900.000	12.096	17.701	27.571
6342.913	7370.443	4.101	5011.901	157.656
1.002	14.721			
8/11/2016 6:40:00 AM	31200.000	12.094	17.701	27.566
6334.360	7360.563	4.095	5005.183	157.869
1.002	14.725			
8/11/2016 6:45:00 AM	31500.000	12.092	17.701	27.562
6326.541	7351.391	4.089	4998.946	158.064
1.002	14.728			
8/11/2016 6:50:00 AM	31800.000	12.091	17.700	27.558
6319.738	7343.585	4.085	4993.638	158.234
1.002	14.729			
8/11/2016 6:55:00 AM	32100.000	12.092	17.701	27.560
6312.382	7334.967	4.080	4987.778	158.419
1.002	14.731			
8/11/2016 7:00:00 AM	32400.000	12.088	17.701	27.552
6307.247	7328.985	4.076	4983.710	158.548
1.002	14.732			
8/11/2016 7:05:00 AM	32700.000	12.092	17.701	27.560
6300.266	7320.901	4.071	4978.213	158.723
1.002	14.732			
8/11/2016 7:10:00 AM	33000.000	12.087	17.701	27.550
6295.375	7315.177	4.068	4974.320	158.847
1.002	14.733			
8/11/2016 7:15:00 AM	33300.000	12.088	17.700	27.553
6288.688	7307.504	4.063	4969.104	159.016
1.002	14.733			
8/11/2016 7:20:00 AM	33600.000	12.093	17.701	27.564
6282.787	7300.633	4.059	4964.431	159.165
1.002	14.734			
8/11/2016 7:25:00 AM	33900.000	12.093	17.701	27.563
6275.540	7292.199	4.054	4958.695	159.349
1.002	14.734			
8/11/2016 7:30:00 AM	34200.000	12.095	17.701	27.569
6271.863	7287.940	4.052	4955.800	159.442

1.002	14.734			
8/11/2016 7:35:00 AM	34500.000	12.092	17.701	27.561
6263.694	7278.306	4.046	4949.249	159.650
1.002	14.736			
8/11/2016 7:40:00 AM	34800.000	12.089	17.701	27.555
6260.390	7274.565	4.044	4946.705	159.734
1.002	14.738			
8/11/2016 7:45:00 AM	35100.000	12.088	17.701	27.552
6254.254	7267.450	4.039	4941.866	159.891
1.002	14.740			
8/11/2016 7:50:00 AM	35400.000	12.091	17.701	27.560
6249.407	7261.776	4.036	4938.008	160.015
1.002	14.741			
8/11/2016 7:55:00 AM	35700.000	12.090	17.701	27.556
6244.339	7255.888	4.033	4934.004	160.145
1.002	14.743			
8/11/2016 8:00:00 AM	36000.000	12.084	17.701	27.544
6240.221	7251.172	4.030	4930.797	160.251
1.002	14.745			
8/11/2016 8:05:00 AM	36300.000	12.089	17.700	27.554
6236.313	7246.673	4.027	4927.738	160.351
1.002	14.744			
8/11/2016 8:10:00 AM	36600.000	12.091	17.701	27.558
6232.687	7242.360	4.024	4924.806	160.444
1.002	14.744			
8/11/2016 8:15:00 AM	36900.000	12.090	17.701	27.557
6226.181	7234.814	4.020	4919.674	160.612
1.002	14.744			
8/11/2016 8:20:00 AM	37200.000	12.089	17.701	27.553
6223.013	7231.148	4.018	4917.182	160.694
1.002	14.745			
8/11/2016 8:25:00 AM	37500.000	12.086	17.701	27.548
6220.005	7227.625	4.016	4914.785	160.772
1.002	14.746			
8/11/2016 8:30:00 AM	37800.000	12.086	17.701	27.549
6216.962	7224.089	4.014	4912.381	160.850
1.002	14.748			
8/11/2016 8:35:00 AM	38100.000	12.088	17.701	27.551
6210.280	7216.380	4.009	4907.138	161.023
1.002	14.747			
8/11/2016 8:40:00 AM	38400.000	12.089	17.701	27.555
6206.963	7212.470	4.007	4904.479	161.109
1.002	14.747			
8/11/2016 8:45:00 AM	38700.000	12.089	17.701	27.555
6203.808	7208.846	4.005	4902.016	161.191
1.002	14.746			
8/11/2016 8:50:00 AM	39000.000	12.090	17.701	27.556
6201.123	7205.727	4.003	4899.895	161.261
1.002	14.747			
8/11/2016 8:55:00 AM	39300.000	12.091	17.700	27.559
6198.025	7202.210	4.001	4897.503	161.342
1.002	14.748			
8/11/2016 9:00:00 AM	39600.000	12.086	17.701	27.547
6194.648	7198.203	3.998	4894.779	161.430
1.002	14.748			
8/11/2016 9:05:00 AM	39900.000	12.084	17.701	27.544
6192.762	7195.940	3.997	4893.239	161.479
1.002	14.749			

8/11/2016 9:10:00 AM	40200.000	12.085	17.700	27.546
6190.114	7192.989	3.995	4891.232	161.548
1.002	14.749			
8/11/2016 9:15:00 AM	40500.000	12.089	17.701	27.554
6185.712	7187.776	3.992	4887.688	161.663
1.002	14.750			
8/11/2016 9:20:00 AM	40800.000	12.084	17.701	27.544
6182.891	7184.526	3.990	4885.478	161.737
1.002	14.751			
8/11/2016 9:25:00 AM	41100.000	12.085	17.701	27.545
6181.928	7183.435	3.989	4884.736	161.762
1.002	14.752			
8/11/2016 9:30:00 AM	41400.000	12.088	17.701	27.552
6179.009	7179.959	3.987	4882.373	161.838
1.002	14.753			
8/11/2016 9:35:00 AM	41700.000	12.088	17.701	27.551
6175.322	7175.746	3.985	4879.507	161.935
1.002	14.753			
8/11/2016 9:40:00 AM	42000.000	12.088	17.701	27.553
6174.579	7174.853	3.984	4878.900	161.954
1.002	14.753			
8/11/2016 9:45:00 AM	42300.000	12.088	17.700	27.553
6171.707	7171.572	3.982	4876.669	162.030
1.002	14.754			
8/11/2016 9:50:00 AM	42600.000	12.082	17.700	27.538
6169.842	7169.421	3.981	4875.207	162.079
1.002	14.755			
8/11/2016 9:55:00 AM	42900.000	12.085	17.701	27.545
6166.743	7165.777	3.979	4872.729	162.160
1.002	14.757			
8/11/2016 10:00:00 AM	43200.000	12.080	17.701	27.534
6166.095	7164.981	3.979	4872.188	162.177
1.002	14.758			
8/11/2016 10:05:00 AM	43500.000	12.083	17.700	27.541
6165.361	7164.226	3.978	4871.674	162.197
1.002	14.757			
8/11/2016 10:10:00 AM	43800.000	12.086	17.701	27.547
6162.161	7160.410	3.976	4869.079	162.281
1.002	14.757			
8/11/2016 10:15:00 AM	44100.000	12.082	17.700	27.539
6162.709	7161.172	3.976	4869.598	162.266
1.002	14.756			
8/11/2016 10:20:00 AM	44400.000	12.086	17.701	27.549
6160.468	7158.470	3.975	4867.760	162.325
1.002	14.757			
8/11/2016 10:25:00 AM	44700.000	12.085	17.701	27.546
6160.527	7158.554	3.975	4867.816	162.324
1.002	14.758			
8/11/2016 10:30:00 AM	45000.000	12.084	17.701	27.542
6157.945	7155.566	3.973	4865.786	162.392
1.002	14.759			
8/11/2016 10:35:00 AM	45300.000	12.085	17.700	27.545
6156.219	7153.631	3.972	4864.470	162.437
1.002	14.759			
8/11/2016 10:40:00 AM	45600.000	12.085	17.701	27.545
6157.104	7154.548	3.972	4865.093	162.414
1.002	14.759			
8/11/2016 10:45:00 AM	45900.000	12.080	17.700	27.534

6155.616	7152.902	3.971	4863.974	162.453
1.002	14.760			
8/11/2016 10:50:00 AM	46200.000	12.082	17.700	27.538
6155.407	7152.659	3.971	4863.808	162.459
1.002	14.760			
8/11/2016 10:55:00 AM	46500.000	12.081	17.700	27.537
6153.613	7150.546	3.970	4862.372	162.506
1.002	14.761			
8/11/2016 11:00:00 AM	46800.000	12.079	17.701	27.532
6154.518	7151.571	3.971	4863.068	162.482
1.002	14.762			
8/11/2016 11:05:00 AM	47100.000	12.078	17.700	27.528
6152.771	7149.583	3.969	4861.717	162.528
1.002	14.760			
8/11/2016 11:10:00 AM	47400.000	12.083	17.701	27.542
6151.561	7148.121	3.969	4860.723	162.560
1.002	14.758			
8/11/2016 11:15:00 AM	47700.000	12.081	17.701	27.537
6152.543	7149.290	3.969	4861.518	162.534
1.002	14.756			
8/11/2016 11:20:00 AM	48000.000	12.083	17.700	27.542
6150.852	7147.337	3.968	4860.190	162.579
1.002	14.756			
8/11/2016 11:25:00 AM	48300.000	12.082	17.701	27.538
6149.495	7145.747	3.967	4859.108	162.615
1.002	14.756			
8/11/2016 11:30:00 AM	48600.000	12.086	17.701	27.547
6150.439	7146.817	3.968	4859.835	162.590
1.002	14.756			
8/11/2016 11:35:00 AM	48900.000	12.084	17.701	27.543
6149.366	7145.570	3.967	4858.988	162.618
1.002	14.758			
8/11/2016 11:40:00 AM	49200.000	12.079	17.700	27.532
6149.514	7145.811	3.967	4859.151	162.614
1.002	14.760			
8/11/2016 11:45:00 AM	49500.000	12.076	17.700	27.525
6149.768	7146.079	3.967	4859.333	162.608
1.002	14.762			
8/11/2016 11:50:00 AM	49800.000	12.080	17.700	27.534
6149.702	7146.044	3.967	4859.310	162.609
1.002	14.761			
8/11/2016 11:55:00 AM	50100.000	12.081	17.701	27.537
6149.005	7145.151	3.967	4858.703	162.628
1.002	14.761			
8/11/2016 12:00:00 PM	50400.000	12.080	17.701	27.535
6149.121	7145.313	3.967	4858.813	162.625
1.002	14.760			
8/11/2016 12:05:00 PM	50700.000	12.082	17.700	27.539
6148.689	7144.880	3.967	4858.519	162.636
1.002	14.760			
8/11/2016 12:10:00 PM	51000.000	12.080	17.701	27.534
6149.012	7145.103	3.967	4858.670	162.628
1.002	14.760			
8/11/2016 12:15:00 PM	51300.000	12.077	17.701	27.527
6148.726	7144.785	3.967	4858.454	162.635
1.002	14.760			
8/11/2016 12:20:00 PM	51600.000	12.083	17.701	27.541
6149.089	7145.276	3.967	4858.788	162.626

1.002	14.759			
8/11/2016 12:25:00 PM	51900.000	12.080	17.700	27.535
6150.034	7146.430	3.968	4859.573	162.601
1.002	14.758			
8/11/2016 12:30:00 PM	52200.000	12.085	17.701	27.545
6149.311	7145.521	3.967	4858.955	162.620
1.002	14.757			
8/11/2016 12:35:00 PM	52500.000	12.079	17.700	27.532
6148.419	7144.553	3.966	4858.296	162.643
1.002	14.757			
8/11/2016 12:40:00 PM	52800.000	12.083	17.700	27.540
6151.114	7147.658	3.968	4860.407	162.572
1.002	14.758			
8/11/2016 12:45:00 PM	53100.000	12.077	17.700	27.528
6149.535	7145.835	3.967	4859.168	162.614
1.002	14.759			
8/11/2016 12:50:00 PM	53400.000	12.082	17.700	27.538
6148.871	7145.091	3.967	4858.662	162.631
1.002	14.759			
8/11/2016 12:55:00 PM	53700.000	12.080	17.701	27.535
6146.942	7142.782	3.965	4857.092	162.683
1.002	14.758			
8/11/2016 1:00:00 PM	54000.000	12.076	17.701	27.524
6146.824	7142.644	3.965	4856.998	162.686
1.002	14.758			
8/11/2016 1:05:00 PM	54300.000	12.083	17.701	27.542
6145.887	7141.542	3.965	4856.249	162.710
1.002	14.755			
8/11/2016 1:10:00 PM	54600.000	12.087	17.701	27.549
6144.656	7140.125	3.964	4855.285	162.743
1.002	14.752			
8/11/2016 1:15:00 PM	54900.000	12.089	17.700	27.554
6144.417	7139.888	3.964	4855.125	162.749
1.002	14.750			
8/11/2016 1:20:00 PM	55200.000	12.086	17.700	27.547
6141.614	7136.603	3.962	4852.891	162.824
1.002	14.753			
8/11/2016 1:25:00 PM	55500.000	12.084	17.701	27.543
6140.260	7134.974	3.961	4851.782	162.860
1.002	14.756			
8/11/2016 1:30:00 PM	55800.000	12.081	17.701	27.536
6140.166	7134.907	3.961	4851.737	162.862
1.002	14.759			
8/11/2016 1:35:00 PM	56100.000	12.077	17.700	27.528
6137.898	7132.301	3.959	4849.965	162.922
1.002	14.757			
8/11/2016 1:40:00 PM	56400.000	12.081	17.701	27.536
6137.932	7132.298	3.959	4849.963	162.921
1.002	14.754			
8/11/2016 1:45:00 PM	56700.000	12.087	17.700	27.549
6133.377	7127.075	3.956	4846.411	163.042
1.002	14.752			
8/11/2016 1:50:00 PM	57000.000	12.082	17.701	27.540
6132.665	7126.191	3.956	4845.811	163.061
1.002	14.755			
8/11/2016 1:55:00 PM	57300.000	12.080	17.700	27.535
6130.837	7124.123	3.954	4844.404	163.110
1.002	14.757			

8/11/2016 2:00:00 PM	57600.000	12.078	17.700	27.529
6129.787	7122.902	3.954	4843.574	163.138
1.002	14.760			
8/11/2016 2:05:00 PM	57900.000	12.078	17.701	27.529
6127.163	7119.798	3.952	4841.462	163.208
1.002	14.759			
8/11/2016 2:10:00 PM	58200.000	12.074	17.700	27.520
6126.493	7119.060	3.951	4840.961	163.226
1.002	14.758			
8/11/2016 2:15:00 PM	58500.000	12.080	17.700	27.533
6123.872	7116.042	3.949	4838.910	163.295
1.002	14.758			
8/11/2016 2:20:00 PM	58800.000	12.075	17.701	27.523
6122.288	7114.120	3.948	4837.602	163.338
1.002	14.757			
8/11/2016 2:25:00 PM	59100.000	12.076	17.700	27.524
6119.661	7111.110	3.947	4835.555	163.408
1.002	14.756			
8/11/2016 2:30:00 PM	59400.000	12.082	17.700	27.537
6118.498	7109.826	3.946	4834.682	163.439
1.002	14.755			
8/11/2016 2:35:00 PM	59700.000	12.079	17.701	27.533
6117.823	7108.917	3.945	4834.063	163.457
1.002	14.758			
8/11/2016 2:40:00 PM	60000.000	12.075	17.700	27.522
6116.021	7106.880	3.944	4832.679	163.505
1.002	14.761			
8/11/2016 2:45:00 PM	60300.000	12.067	17.700	27.504
6115.093	7105.882	3.943	4832.000	163.530
1.002	14.764			
8/11/2016 2:50:00 PM	60600.000	12.075	17.701	27.522
6112.882	7103.203	3.942	4830.178	163.589
1.002	14.761			
8/11/2016 2:55:00 PM	60900.000	12.076	17.701	27.525
6111.865	7102.008	3.941	4829.366	163.616
1.002	14.758			
8/11/2016 3:00:00 PM	61200.000	12.080	17.700	27.535
6110.491	7100.507	3.940	4828.345	163.653
1.002	14.755			
8/11/2016 3:05:00 PM	61500.000	12.079	17.701	27.532
6110.094	7099.951	3.940	4827.967	163.664
1.002	14.755			
8/11/2016 3:10:00 PM	61800.000	12.080	17.701	27.533
6108.833	7098.457	3.939	4826.951	163.697
1.002	14.754			
8/11/2016 3:15:00 PM	62100.000	12.080	17.700	27.534
6106.779	7096.125	3.938	4825.366	163.752
1.002	14.753			
8/11/2016 3:20:00 PM	62400.000	12.080	17.700	27.534
6105.444	7094.589	3.937	4824.321	163.788
1.002	14.753			
8/11/2016 3:25:00 PM	62700.000	12.079	17.701	27.531
6104.700	7093.683	3.936	4823.704	163.808
1.002	14.754			
8/11/2016 3:30:00 PM	63000.000	12.074	17.700	27.519
6104.639	7093.638	3.936	4823.674	163.810
1.002	14.754			
8/11/2016 3:35:00 PM	63300.000	12.078	17.700	27.531

6105.848	7095.085	3.937	4824.658	163.777
1.002	14.753			
8/11/2016 3:40:00 PM	63600.000	12.076	17.700	27.524
6104.979	7094.075	3.936	4823.971	163.801
1.002	14.752			
8/11/2016 3:45:00 PM	63900.000	12.076	17.700	27.525
6101.784	7090.363	3.934	4821.447	163.886
1.002	14.751			
8/11/2016 3:50:00 PM	64200.000	12.082	17.701	27.539
6101.947	7090.497	3.934	4821.538	163.882
1.002	14.750			
8/11/2016 3:55:00 PM	64500.000	12.077	17.700	27.528
6101.458	7089.998	3.934	4821.198	163.895
1.002	14.749			
8/11/2016 4:00:00 PM	64800.000	12.077	17.700	27.528
6099.938	7088.203	3.933	4819.978	163.936
1.002	14.747			
8/11/2016 4:05:00 PM	65100.000	12.079	17.700	27.531
6099.745	7087.951	3.933	4819.807	163.941
1.002	14.750			
8/11/2016 4:10:00 PM	65400.000	12.075	17.700	27.524
6100.367	7088.702	3.933	4820.318	163.925
1.002	14.752			
8/11/2016 4:15:00 PM	65700.000	12.074	17.700	27.521
6097.697	7085.639	3.931	4818.235	163.996
1.002	14.754			
8/11/2016 4:20:00 PM	66000.000	12.075	17.701	27.522
6097.750	7085.578	3.931	4818.193	163.995
1.002	14.752			
8/11/2016 4:25:00 PM	66300.000	12.078	17.701	27.530
6097.035	7084.762	3.931	4817.638	164.014
1.002	14.749			
8/11/2016 4:30:00 PM	66600.000	12.075	17.701	27.522
6097.968	7085.873	3.932	4818.394	163.989
1.002	14.746			
8/11/2016 4:35:00 PM	66900.000	12.077	17.700	27.528
6096.134	7083.798	3.930	4816.983	164.038
1.002	14.747			
8/11/2016 4:40:00 PM	67200.000	12.073	17.700	27.518
6096.869	7084.718	3.931	4817.609	164.019
1.002	14.747			
8/11/2016 4:45:00 PM	67500.000	12.077	17.700	27.527
6096.665	7084.414	3.931	4817.402	164.024
1.002	14.747			
8/11/2016 4:50:00 PM	67800.000	12.074	17.700	27.521
6096.201	7083.875	3.930	4817.035	164.037
1.002	14.747			
8/11/2016 4:55:00 PM	68100.000	12.071	17.700	27.513
6095.855	7083.431	3.930	4816.734	164.046
1.002	14.747			
8/11/2016 5:00:00 PM	68400.000	12.071	17.701	27.513
6095.745	7083.248	3.930	4816.608	164.049
1.002	14.747			
8/11/2016 5:05:00 PM	68700.000	12.073	17.701	27.518
6095.042	7082.431	3.930	4816.053	164.068
1.002	14.745			
8/11/2016 5:10:00 PM	69000.000	12.078	17.701	27.529
6095.200	7082.629	3.930	4816.188	164.064

1.002	14.743			
8/11/2016 5:15:00 PM	69300.000	12.081	17.701	27.536
6097.666	7085.397	3.931	4818.070	163.997
1.002	14.741			
8/11/2016 5:20:00 PM	69600.000	12.079	17.700	27.533
6094.414	7081.785	3.929	4815.614	164.085
1.002	14.743			
8/11/2016 5:25:00 PM	69900.000	12.076	17.700	27.525
6093.119	7080.252	3.928	4814.571	164.120
1.002	14.744			
8/11/2016 5:30:00 PM	70200.000	12.076	17.700	27.525
6094.397	7081.806	3.929	4815.628	164.085
1.002	14.746			
8/11/2016 5:35:00 PM	70500.000	12.076	17.701	27.526
6094.033	7081.259	3.929	4815.257	164.095
1.002	14.744			
8/11/2016 5:40:00 PM	70800.000	12.073	17.701	27.518
6094.480	7081.808	3.929	4815.629	164.083
1.002	14.743			
8/11/2016 5:45:00 PM	71100.000	12.079	17.701	27.531
6091.771	7078.672	3.927	4813.497	164.156
1.002	14.742			
8/11/2016 5:50:00 PM	71400.000	12.074	17.701	27.521
6091.326	7078.143	3.927	4813.138	164.168
1.002	14.742			
8/11/2016 5:55:00 PM	71700.000	12.078	17.700	27.529
6090.181	7076.838	3.926	4812.250	164.199
1.002	14.741			
8/11/2016 6:00:00 PM	72000.000	12.077	17.701	27.528
6088.896	7075.332	3.925	4811.226	164.233
1.002	14.741			
8/11/2016 6:05:00 PM	72300.000	12.076	17.700	27.525
6090.043	7076.677	3.926	4812.141	164.202
1.002	14.742			
8/11/2016 6:10:00 PM	72600.000	12.075	17.701	27.522
6089.633	7076.175	3.926	4811.799	164.214
1.002	14.743			
8/11/2016 6:15:00 PM	72900.000	12.074	17.701	27.520
6088.908	7075.346	3.925	4811.235	164.233
1.002	14.744			
8/11/2016 6:20:00 PM	73200.000	12.075	17.700	27.523
6089.063	7075.581	3.925	4811.395	164.229
1.002	14.743			
8/11/2016 6:25:00 PM	73500.000	12.074	17.700	27.521
6088.136	7074.461	3.925	4810.634	164.254
1.002	14.742			
8/11/2016 6:30:00 PM	73800.000	12.075	17.700	27.523
6088.759	7075.281	3.925	4811.191	164.237
1.002	14.741			
8/11/2016 6:35:00 PM	74100.000	12.077	17.701	27.528
6089.438	7075.948	3.926	4811.645	164.219
1.002	14.739			
8/11/2016 6:40:00 PM	74400.000	12.079	17.700	27.532
6086.759	7072.944	3.924	4809.602	164.291
1.002	14.737			
8/11/2016 6:45:00 PM	74700.000	12.080	17.701	27.535
6086.633	7072.702	3.924	4809.438	164.294
1.002	14.735			

8/11/2016 6:50:00 PM	75000.000	12.080	17.701	27.534
6085.909	7071.833	3.923	4808.847	164.314
1.002	14.736			
8/11/2016 6:55:00 PM	75300.000	12.074	17.700	27.521
6086.319	7072.393	3.924	4809.228	164.303
1.002	14.738			
8/11/2016 7:00:00 PM	75600.000	12.076	17.700	27.525
6084.210	7069.916	3.922	4807.543	164.360
1.002	14.739			
8/11/2016 7:05:00 PM	75900.000	12.078	17.700	27.530
6083.795	7069.459	3.922	4807.232	164.371
1.002	14.739			
8/11/2016 7:10:00 PM	76200.000	12.075	17.700	27.523
6083.404	7069.005	3.922	4806.924	164.382
1.002	14.739			
8/11/2016 7:15:00 PM	76500.000	12.076	17.700	27.525
6083.472	7069.097	3.922	4806.986	164.380
1.002	14.739			
8/11/2016 7:20:00 PM	76800.000	12.069	17.700	27.510
6082.575	7068.016	3.921	4806.250	164.404
1.002	14.740			
8/11/2016 7:25:00 PM	77100.000	12.074	17.701	27.519
6083.608	7069.174	3.922	4807.038	164.376
1.002	14.741			
8/11/2016 7:30:00 PM	77400.000	12.069	17.701	27.508
6082.963	7068.437	3.921	4806.537	164.394
1.002	14.741			
8/11/2016 7:35:00 PM	77700.000	12.075	17.700	27.523
6081.615	7066.884	3.920	4805.482	164.430
1.002	14.740			
8/11/2016 7:40:00 PM	78000.000	12.070	17.700	27.511
6082.440	7067.843	3.921	4806.134	164.408
1.002	14.739			
8/11/2016 7:45:00 PM	78300.000	12.077	17.700	27.527
6081.771	7067.093	3.920	4805.624	164.426
1.002	14.738			
8/11/2016 7:50:00 PM	78600.000	12.077	17.700	27.527
6079.606	7064.592	3.919	4803.923	164.484
1.002	14.738			
8/11/2016 7:55:00 PM	78900.000	12.078	17.701	27.529
6080.979	7066.090	3.920	4804.942	164.447
1.002	14.739			
8/11/2016 8:00:00 PM	79200.000	12.078	17.700	27.529
6081.565	7066.826	3.920	4805.442	164.431
1.002	14.739			
8/11/2016 8:05:00 PM	79500.000	12.074	17.701	27.519
6082.116	7067.453	3.921	4805.868	164.416
1.002	14.741			
8/11/2016 8:10:00 PM	79800.000	12.068	17.700	27.507
6081.393	7066.681	3.920	4805.343	164.436
1.002	14.744			
8/11/2016 8:15:00 PM	80100.000	12.065	17.700	27.500
6079.725	7064.743	3.919	4804.025	164.481
1.002	14.746			
8/11/2016 8:20:00 PM	80400.000	12.072	17.700	27.515
6079.098	7064.027	3.919	4803.538	164.498
1.002	14.745			
8/11/2016 8:25:00 PM	80700.000	12.068	17.701	27.507

6078.822	7063.625	3.918	4803.266	164.506
1.002	14.745			
8/11/2016 8:30:00 PM	81000.000	12.068	17.700	27.507
6079.619	7064.564	3.919	4803.904	164.484
1.002	14.744			
8/11/2016 8:35:00 PM	81300.000	12.074	17.700	27.520
6079.087	7064.001	3.919	4803.521	164.498
1.002	14.742			
8/11/2016 8:40:00 PM	81600.000	12.072	17.701	27.516
6079.009	7063.842	3.919	4803.413	164.501
1.002	14.741			
8/11/2016 8:45:00 PM	81900.000	12.076	17.700	27.525
6078.699	7063.511	3.918	4803.188	164.509
1.002	14.739			
8/11/2016 8:50:00 PM	82200.000	12.080	17.700	27.534
6077.700	7062.417	3.918	4802.444	164.536
1.002	14.739			
8/11/2016 8:55:00 PM	82500.000	12.081	17.700	27.536
6077.644	7062.297	3.918	4802.362	164.537
1.002	14.739			
8/11/2016 9:00:00 PM	82800.000	12.080	17.701	27.534
6077.561	7062.160	3.918	4802.270	164.540
1.002	14.739			
8/11/2016 9:05:00 PM	83100.000	12.075	17.701	27.523
6076.571	7060.997	3.917	4801.478	164.566
1.002	14.741			
8/11/2016 9:10:00 PM	83400.000	12.078	17.700	27.529
6076.970	7061.528	3.917	4801.839	164.556
1.002	14.742			
8/11/2016 9:15:00 PM	83700.000	12.078	17.700	27.529
6076.014	7060.444	3.916	4801.102	164.582
1.002	14.743			
8/11/2016 9:20:00 PM	84000.000	12.077	17.700	27.527
6076.333	7060.746	3.917	4801.307	164.573
1.002	14.745			
8/11/2016 9:25:00 PM	84300.000	12.074	17.701	27.521
6075.300	7059.520	3.916	4800.473	164.601
1.002	14.747			
8/11/2016 9:30:00 PM	84600.000	12.074	17.700	27.520
6076.214	7060.650	3.917	4801.242	164.576
1.002	14.749			
8/11/2016 9:35:00 PM	84900.000	12.070	17.700	27.510
6075.203	7059.501	3.916	4800.461	164.604
1.002	14.749			
8/11/2016 9:40:00 PM	85200.000	12.069	17.701	27.509
6075.421	7059.674	3.916	4800.578	164.598
1.002	14.748			
8/11/2016 9:45:00 PM	85500.000	12.077	17.701	27.526
6073.761	7057.703	3.915	4799.239	164.643
1.002	14.748			
8/11/2016 9:50:00 PM	85800.000	12.075	17.700	27.522
6074.557	7058.778	3.916	4799.969	164.621
1.002	14.747			
8/11/2016 9:55:00 PM	86100.000	12.076	17.700	27.525
6074.581	7058.710	3.915	4799.923	164.620
1.002	14.747			
8/11/2016 10:00:00 PM	86400.000	12.077	17.700	27.526
6074.560	7058.741	3.915	4799.944	164.621

1.002	14.747			
8/11/2016 10:05:00 PM	86700.000	12.070	17.700	27.512
6074.715	7058.949	3.916	4800.085	164.617
1.002	14.747			
8/11/2016 10:10:00 PM	87000.000	12.074	17.700	27.520
6074.332	7058.463	3.915	4799.755	164.627
1.002	14.747			
8/11/2016 10:15:00 PM	87300.000	12.075	17.700	27.522
6073.563	7057.570	3.915	4799.148	164.648
1.002	14.748			
8/11/2016 10:20:00 PM	87600.000	12.071	17.700	27.512
6073.511	7057.482	3.915	4799.088	164.649
1.002	14.747			
8/11/2016 10:25:00 PM	87900.000	12.076	17.700	27.524
6072.074	7055.880	3.914	4797.999	164.688
1.002	14.746			
8/11/2016 10:30:00 PM	88200.000	12.077	17.700	27.528
6072.659	7056.532	3.914	4798.441	164.673
1.002	14.745			
8/11/2016 10:35:00 PM	88500.000	12.074	17.701	27.520
6074.196	7058.237	3.915	4799.601	164.631
1.002	14.746			
8/11/2016 10:40:00 PM	88800.000	12.069	17.700	27.508
6072.860	7056.766	3.914	4798.601	164.667
1.002	14.747			
8/11/2016 10:45:00 PM	89100.000	12.073	17.700	27.517
6073.387	7057.378	3.915	4799.018	164.653
1.002	14.748			
8/11/2016 10:50:00 PM	89400.000	12.073	17.701	27.518
6071.820	7055.489	3.914	4797.733	164.695
1.002	14.746			
8/11/2016 10:55:00 PM	89700.000	12.076	17.701	27.525
6072.423	7056.177	3.914	4798.201	164.679
1.002	14.744			
8/11/2016 11:00:00 PM	90000.000	12.077	17.700	27.527
6073.117	7057.051	3.914	4798.795	164.660
1.002	14.743			
8/11/2016 11:05:00 PM	90300.000	12.070	17.701	27.510
6072.449	7056.192	3.914	4798.211	164.678
1.002	14.744			
8/11/2016 11:10:00 PM	90600.000	12.074	17.701	27.520
6072.706	7056.519	3.914	4798.433	164.671
1.002	14.746			
8/11/2016 11:15:00 PM	90900.000	12.072	17.700	27.516
6073.088	7057.004	3.914	4798.763	164.661
1.002	14.747			
8/11/2016 11:20:00 PM	91200.000	12.068	17.700	27.507
6071.975	7055.750	3.914	4797.910	164.691
1.002	14.747			
8/11/2016 11:25:00 PM	91500.000	12.074	17.700	27.521
6073.523	7057.497	3.915	4799.098	164.649
1.002	14.748			
8/11/2016 11:30:00 PM	91800.000	12.075	17.700	27.523
6079.099	7063.988	3.919	4803.512	164.498
1.002	14.748			
8/11/2016 11:35:00 PM	92100.000	12.075	17.700	27.523
6098.065	7086.042	3.932	4818.509	163.986
1.002	14.747			

8/11/2016 11:40:00 PM	92400.000	12.074	17.701	27.521
6127.833	7120.563	3.952	4841.984	163.190
1.002	14.747			
8/11/2016 11:45:00 PM	92700.000	12.074	17.700	27.520
6155.485	7152.860	3.971	4863.945	162.457
1.002	14.747			
8/11/2016 11:50:00 PM	93000.000	12.071	17.699	27.514
6182.438	7184.208	3.990	4885.262	161.748
1.002	14.747			
8/11/2016 11:55:00 PM	93300.000	12.076	17.700	27.525
6205.753	7211.261	4.006	4903.658	161.141
1.002	14.747			
8/12/2016 12:00:00 AM	93600.000	12.075	17.700	27.523
6228.479	7237.653	4.022	4921.604	160.553
1.002	14.748			
8/12/2016 12:05:00 AM	93900.000	12.071	17.699	27.514
6249.756	7262.461	4.036	4938.474	160.006
1.002	14.748			
8/12/2016 12:10:00 AM	94200.000	12.075	17.700	27.524
6266.626	7282.024	4.048	4951.776	159.575
1.002	14.748			
8/12/2016 12:15:00 AM	94500.000	12.075	17.699	27.522
6285.343	7303.800	4.061	4966.584	159.100
1.002	14.748			
8/12/2016 12:20:00 AM	94800.000	12.073	17.699	27.518
6299.401	7320.179	4.071	4977.722	158.745
1.002	14.748			
8/12/2016 12:25:00 AM	95100.000	12.072	17.699	27.515
6316.100	7339.600	4.082	4990.928	158.326
1.002	14.749			
8/12/2016 12:30:00 AM	95400.000	12.071	17.700	27.515
6331.196	7357.029	4.093	5002.780	157.948
1.002	14.749			
8/12/2016 12:35:00 AM	95700.000	12.071	17.699	27.514
6346.163	7374.475	4.103	5014.643	157.576
1.002	14.750			
8/12/2016 12:40:00 AM	96000.000	12.067	17.699	27.505
6359.472	7389.970	4.112	5025.180	157.246
1.002	14.750			
8/12/2016 12:45:00 AM	96300.000	12.071	17.699	27.514
6374.226	7407.085	4.122	5036.818	156.882
1.002	14.750			
8/12/2016 12:50:00 AM	96600.000	12.072	17.699	27.517
6384.060	7418.514	4.129	5044.589	156.640
1.002	14.749			
8/12/2016 12:55:00 AM	96900.000	12.070	17.699	27.511
6396.930	7433.484	4.138	5054.770	156.325
1.002	14.748			
8/12/2016 1:00:00 AM	97200.000	12.072	17.699	27.515
6406.142	7444.216	4.145	5062.067	156.100
1.002	14.746			
8/12/2016 1:05:00 AM	97500.000	12.077	17.699	27.527
6417.780	7457.740	4.153	5071.263	155.817
1.002	14.746			
8/12/2016 1:10:00 AM	97800.000	12.076	17.699	27.526
6427.667	7469.274	4.160	5079.107	155.577
1.002	14.745			
8/12/2016 1:15:00 AM	98100.000	12.073	17.699	27.517

6436.686	7479.681	4.166	5086.184	155.359
1.002	14.744			
8/12/2016 1:20:00 AM	98400.000	12.073	17.699	27.518
6444.817	7489.188	4.171	5092.647	155.163
1.002	14.745			
8/12/2016 1:25:00 AM	98700.000	12.072	17.699	27.515
6454.785	7500.698	4.178	5100.475	154.924
1.002	14.745			
8/12/2016 1:30:00 AM	99000.000	12.072	17.700	27.516
6460.510	7507.295	4.182	5104.961	154.787
1.002	14.746			
8/12/2016 1:35:00 AM	99300.000	12.076	17.699	27.525
6468.704	7516.976	4.188	5111.543	154.590
1.002	14.747			
8/12/2016 1:40:00 AM	99600.000	12.074	17.700	27.520
6476.892	7526.315	4.194	5117.894	154.395
1.002	14.748			
8/12/2016 1:45:00 AM	99900.000	12.073	17.700	27.517
6485.769	7536.647	4.200	5124.921	154.184
1.002	14.749			
8/12/2016 1:50:00 AM	100200.000	12.074	17.699	27.520
6489.043	7540.567	4.202	5127.586	154.106
1.002	14.747			
8/12/2016 1:55:00 AM	100500.000	12.072	17.699	27.516
6496.955	7549.731	4.207	5133.817	153.918
1.002	14.745			
8/12/2016 2:00:00 AM	100800.000	12.078	17.699	27.529
6502.242	7555.860	4.211	5137.985	153.793
1.002	14.743			
8/12/2016 2:05:00 AM	101100.000	12.078	17.699	27.528
6508.847	7563.550	4.216	5143.215	153.637
1.002	14.743			
8/12/2016 2:10:00 AM	101400.000	12.078	17.699	27.528
6511.945	7567.107	4.218	5145.633	153.564
1.002	14.744			
8/12/2016 2:15:00 AM	101700.000	12.077	17.699	27.528
6518.432	7574.702	4.222	5150.798	153.411
1.002	14.744			
8/12/2016 2:20:00 AM	102000.000	12.076	17.699	27.525
6523.250	7580.330	4.226	5154.625	153.298
1.002	14.745			
8/12/2016 2:25:00 AM	102300.000	12.072	17.699	27.516
6526.886	7584.498	4.228	5157.459	153.212
1.002	14.745			
8/12/2016 2:30:00 AM	102600.000	12.077	17.700	27.527
6531.919	7590.303	4.232	5161.406	153.094
1.002	14.746			
8/12/2016 2:35:00 AM	102900.000	12.076	17.699	27.525
6535.176	7594.131	4.234	5164.010	153.018
1.002	14.745			
8/12/2016 2:40:00 AM	103200.000	12.078	17.700	27.530
6540.290	7600.002	4.237	5168.001	152.898
1.002	14.744			
8/12/2016 2:45:00 AM	103500.000	12.078	17.699	27.531
6544.785	7605.268	4.241	5171.582	152.793
1.002	14.742			
8/12/2016 2:50:00 AM	103800.000	12.080	17.700	27.534
6546.936	7607.725	4.242	5173.253	152.743

1.002	14.740			
8/12/2016 2:55:00 AM	104100.000	12.083	17.699	27.540
6551.920	7613.559	4.246	5177.220	152.627
1.002	14.738			
8/12/2016 3:00:00 AM	104400.000	12.085	17.700	27.546
6554.999	7617.122	4.248	5179.643	152.555
1.002	14.736			
8/12/2016 3:05:00 AM	104700.000	12.086	17.699	27.548
6556.356	7618.758	4.249	5180.756	152.524
1.002	14.736			
8/12/2016 3:10:00 AM	105000.000	12.086	17.699	27.549
6558.665	7621.410	4.250	5182.560	152.470
1.002	14.736			
8/12/2016 3:15:00 AM	105300.000	12.086	17.699	27.547
6562.095	7625.412	4.253	5185.280	152.390
1.002	14.736			
8/12/2016 3:20:00 AM	105600.000	12.078	17.700	27.530
6565.267	7629.054	4.255	5187.756	152.317
1.002	14.739			
8/12/2016 3:25:00 AM	105900.000	12.080	17.700	27.534
6567.931	7632.060	4.257	5189.801	152.255
1.002	14.742			
8/12/2016 3:30:00 AM	106200.000	12.077	17.700	27.528
6570.131	7634.691	4.258	5191.591	152.204
1.002	14.744			
8/12/2016 3:35:00 AM	106500.000	12.080	17.699	27.534
6571.982	7636.872	4.259	5193.073	152.161
1.002	14.742			
8/12/2016 3:40:00 AM	106800.000	12.082	17.700	27.539
6573.711	7638.851	4.261	5194.419	152.121
1.002	14.741			
8/12/2016 3:45:00 AM	107100.000	12.084	17.700	27.542
6576.241	7641.806	4.262	5196.428	152.063
1.002	14.739			
8/12/2016 3:50:00 AM	107400.000	12.083	17.699	27.540
6578.489	7644.433	4.264	5198.214	152.011
1.002	14.740			
8/12/2016 3:55:00 AM	107700.000	12.081	17.700	27.536
6580.058	7646.226	4.265	5199.434	151.974
1.002	14.741			
8/12/2016 4:00:00 AM	108000.000	12.075	17.700	27.524
6580.861	7647.159	4.266	5200.068	151.956
1.002	14.743			
8/12/2016 4:05:00 AM	108300.000	12.083	17.699	27.542
6580.557	7646.866	4.265	5199.869	151.963
1.002	14.740			
8/12/2016 4:10:00 AM	108600.000	12.078	17.700	27.530
6584.792	7651.743	4.268	5203.185	151.865
1.002	14.738			
8/12/2016 4:15:00 AM	108900.000	12.086	17.700	27.548
6585.920	7653.038	4.269	5204.066	151.839
1.002	14.736			
8/12/2016 4:20:00 AM	109200.000	12.085	17.700	27.545
6584.550	7651.433	4.268	5202.975	151.871
1.002	14.738			
8/12/2016 4:25:00 AM	109500.000	12.082	17.700	27.538
6587.447	7654.813	4.270	5205.272	151.804
1.002	14.740			

8/12/2016 4:30:00 AM	109800.000	12.077	17.700	27.528
6586.806	7654.009	4.270	5204.727	151.819
1.002	14.742			
8/12/2016 4:35:00 AM	110100.000	12.082	17.700	27.540
6588.875	7656.429	4.271	5206.372	151.771
1.002	14.740			
8/12/2016 4:40:00 AM	110400.000	12.086	17.700	27.547
6589.676	7657.390	4.272	5207.025	151.753
1.002	14.738			
8/12/2016 4:45:00 AM	110700.000	12.087	17.700	27.551
6590.854	7658.759	4.273	5207.957	151.725
1.002	14.737			
8/12/2016 4:50:00 AM	111000.000	12.085	17.700	27.546
6590.832	7658.658	4.272	5207.888	151.726
1.002	14.739			
8/12/2016 4:55:00 AM	111300.000	12.086	17.700	27.547
6590.851	7658.783	4.273	5207.973	151.725
1.002	14.740			
8/12/2016 5:00:00 AM	111600.000	12.079	17.699	27.531
6593.044	7661.347	4.274	5209.716	151.675
1.002	14.742			
8/12/2016 5:05:00 AM	111900.000	12.083	17.700	27.542
6592.721	7660.867	4.274	5209.390	151.682
1.002	14.743			
8/12/2016 5:10:00 AM	112200.000	12.082	17.700	27.538
6590.197	7658.023	4.272	5207.456	151.741
1.002	14.743			
8/12/2016 5:15:00 AM	112500.000	12.078	17.700	27.530
6577.482	7643.220	4.263	5197.390	152.034
1.002	14.744			
8/12/2016 5:20:00 AM	112800.000	12.082	17.700	27.538
6552.477	7614.118	4.246	5177.601	152.614
1.002	14.745			
8/12/2016 5:25:00 AM	113100.000	12.083	17.701	27.541
6524.426	7581.390	4.226	5155.345	153.270
1.002	14.745			
8/12/2016 5:30:00 AM	113400.000	12.082	17.701	27.538
6498.330	7551.082	4.208	5134.736	153.886
1.002	14.746			
8/12/2016 5:35:00 AM	113700.000	12.083	17.700	27.541
6478.278	7527.839	4.194	5118.931	154.362
1.002	14.746			
8/12/2016 5:40:00 AM	114000.000	12.083	17.701	27.541
6460.332	7506.928	4.182	5104.711	154.791
1.002	14.747			
8/12/2016 5:45:00 AM	114300.000	12.083	17.701	27.542
6442.691	7486.443	4.170	5090.782	155.215
1.002	14.748			
8/12/2016 5:50:00 AM	114600.000	12.081	17.701	27.537
6429.281	7470.832	4.160	5080.166	155.538
1.002	14.749			
8/12/2016 5:55:00 AM	114900.000	12.083	17.700	27.540
6413.902	7453.021	4.150	5068.055	155.911
1.002	14.750			
8/12/2016 6:00:00 AM	115200.000	12.082	17.701	27.539
6400.832	7437.731	4.141	5057.657	156.230
1.002	14.751			
8/12/2016 6:05:00 AM	115500.000	12.084	17.701	27.544

6390.968	7426.254	4.134	5049.854	156.471
1.002	14.749			
8/12/2016 6:10:00 AM	115800.000	12.087	17.701	27.550
6378.771	7412.167	4.126	5040.273	156.770
1.002	14.747			
8/12/2016 6:15:00 AM	116100.000	12.083	17.701	27.542
6369.268	7401.125	4.119	5032.766	157.004
1.002	14.745			
8/12/2016 6:20:00 AM	116400.000	12.087	17.700	27.551
6360.295	7390.713	4.113	5025.686	157.225
1.002	14.747			
8/12/2016 6:25:00 AM	116700.000	12.082	17.701	27.539
6351.234	7380.098	4.106	5018.467	157.450
1.002	14.748			
8/12/2016 6:30:00 AM	117000.000	12.086	17.701	27.548
6342.230	7369.678	4.100	5011.382	157.673
1.002	14.750			
8/12/2016 6:35:00 AM	117300.000	12.083	17.701	27.541
6334.660	7360.897	4.095	5005.410	157.862
1.002	14.750			
8/12/2016 6:40:00 AM	117600.000	12.083	17.701	27.541
6327.789	7352.897	4.090	4999.970	158.033
1.002	14.751			
8/12/2016 6:45:00 AM	117900.000	12.087	17.700	27.551
6321.578	7345.780	4.086	4995.130	158.188
1.002	14.751			
8/12/2016 6:50:00 AM	118200.000	12.083	17.700	27.540
6314.010	7336.945	4.081	4989.124	158.378
1.002	14.752			
8/12/2016 6:55:00 AM	118500.000	12.088	17.701	27.553
6305.688	7327.146	4.075	4982.459	158.587
1.002	14.753			
8/12/2016 7:00:00 AM	118800.000	12.087	17.701	27.549
6299.500	7320.055	4.071	4977.637	158.743
1.002	14.755			
8/12/2016 7:05:00 AM	119100.000	12.082	17.701	27.538
6294.778	7314.554	4.067	4973.897	158.862
1.002	14.756			
8/12/2016 7:10:00 AM	119400.000	12.085	17.701	27.546
6288.248	7306.966	4.063	4968.738	159.027
1.002	14.757			
8/12/2016 7:15:00 AM	119700.000	12.084	17.700	27.543
6281.111	7298.744	4.058	4963.146	159.207
1.002	14.758			
8/12/2016 7:20:00 AM	120000.000	12.086	17.701	27.548
6275.459	7292.034	4.054	4958.583	159.351
1.002	14.759			
8/12/2016 7:25:00 AM	120300.000	12.081	17.701	27.537
6270.309	7286.049	4.050	4954.514	159.482
1.002	14.760			
8/12/2016 7:30:00 AM	120600.000	12.086	17.701	27.547
6265.858	7280.950	4.047	4951.046	159.595
1.002	14.760			
8/12/2016 7:35:00 AM	120900.000	12.083	17.701	27.541
6261.076	7275.349	4.044	4947.237	159.717
1.002	14.762			
8/12/2016 7:40:00 AM	121200.000	12.078	17.701	27.529
6255.223	7268.562	4.040	4942.622	159.866

1.002	14.763			
8/12/2016 7:45:00 AM	121500.000	12.082	17.700	27.538
6249.706	7262.223	4.036	4938.312	160.008
1.002	14.765			
8/12/2016 7:50:00 AM	121800.000	12.082	17.701	27.539
6246.151	7258.063	4.034	4935.482	160.099
1.002	14.763			
8/12/2016 7:55:00 AM	122100.000	12.085	17.701	27.546
6242.211	7253.485	4.031	4932.370	160.200
1.002	14.760			
8/12/2016 8:00:00 AM	122400.000	12.089	17.701	27.555
6237.395	7247.888	4.028	4928.563	160.323
1.002	14.758			
8/12/2016 8:05:00 AM	122700.000	12.086	17.701	27.548
6231.332	7240.786	4.024	4923.735	160.479
1.002	14.762			
8/12/2016 8:10:00 AM	123000.000	12.084	17.701	27.542
6227.624	7236.506	4.021	4920.825	160.575
1.002	14.765			
8/12/2016 8:15:00 AM	123300.000	12.075	17.700	27.524
6224.948	7233.494	4.019	4918.776	160.644
1.002	14.768			
8/12/2016 8:20:00 AM	123600.000	12.077	17.701	27.526
6219.811	7227.344	4.016	4914.595	160.777
1.002	14.767			
8/12/2016 8:25:00 AM	123900.000	12.083	17.700	27.541
6214.816	7221.665	4.012	4910.732	160.906
1.002	14.765			
8/12/2016 8:30:00 AM	124200.000	12.084	17.701	27.542
6212.936	7219.466	4.011	4909.237	160.954
1.002	14.763			
8/12/2016 8:35:00 AM	124500.000	12.085	17.700	27.545
6209.022	7214.948	4.008	4906.165	161.056
1.002	14.762			
8/12/2016 8:40:00 AM	124800.000	12.086	17.701	27.548
6204.671	7209.863	4.005	4902.707	161.169
1.002	14.760			
8/12/2016 8:45:00 AM	125100.000	12.089	17.701	27.555
6200.549	7205.017	4.002	4899.411	161.276
1.002	14.759			
8/12/2016 8:50:00 AM	125400.000	12.087	17.701	27.551
6196.805	7200.722	4.000	4896.491	161.373
1.002	14.760			
8/12/2016 8:55:00 AM	125700.000	12.087	17.700	27.550
6192.992	7196.321	3.997	4893.499	161.473
1.002	14.760			
8/12/2016 9:00:00 AM	126000.000	12.087	17.701	27.549
6191.378	7194.306	3.996	4892.128	161.515
1.002	14.761			
8/12/2016 9:05:00 AM	126300.000	12.082	17.700	27.539
6187.255	7189.639	3.993	4888.955	161.623
1.002	14.762			
8/12/2016 9:10:00 AM	126600.000	12.080	17.700	27.534
6184.233	7186.143	3.991	4886.578	161.702
1.002	14.763			
8/12/2016 9:15:00 AM	126900.000	12.084	17.701	27.542
6182.071	7183.601	3.990	4884.849	161.758
1.002	14.764			

8/12/2016 9:20:00 AM	127200.000	12.084	17.701	27.544
6178.493	7179.443	3.987	4882.022	161.852
1.002	14.765			
8/12/2016 9:25:00 AM	127500.000	12.080	17.700	27.533
6177.099	7177.853	3.986	4880.940	161.888
1.002	14.765			
8/12/2016 9:30:00 AM	127800.000	12.078	17.701	27.530
6173.020	7173.056	3.983	4877.678	161.995
1.002	14.765			
8/12/2016 9:35:00 AM	128100.000	12.081	17.700	27.537
6170.831	7170.569	3.982	4875.987	162.053
1.002	14.765			
8/12/2016 9:40:00 AM	128400.000	12.081	17.700	27.537
6168.638	7168.021	3.980	4874.255	162.110
1.002	14.764			
8/12/2016 9:45:00 AM	128700.000	12.078	17.701	27.529
6165.801	7164.569	3.978	4871.907	162.185
1.002	14.764			
8/12/2016 9:50:00 AM	129000.000	12.076	17.701	27.524
6163.945	7162.496	3.977	4870.498	162.234
1.002	14.765			
8/12/2016 9:55:00 AM	129300.000	12.079	17.700	27.532
6163.274	7161.772	3.977	4870.005	162.251
1.002	14.767			
8/12/2016 10:00:00 AM	129600.000	12.078	17.701	27.530
6161.501	7159.657	3.975	4868.566	162.298
1.002	14.768			
8/12/2016 10:05:00 AM	129900.000	12.073	17.701	27.518
6160.528	7158.556	3.975	4867.818	162.324
1.002	14.768			
8/12/2016 10:10:00 AM	130200.000	12.078	17.701	27.530
6157.759	7155.323	3.973	4865.620	162.397
1.002	14.767			
8/12/2016 10:15:00 AM	130500.000	12.079	17.701	27.532
6155.977	7153.183	3.972	4864.165	162.444
1.002	14.766			
8/12/2016 10:20:00 AM	130800.000	12.076	17.700	27.524
6154.224	7151.256	3.970	4862.854	162.490
1.002	14.764			
8/12/2016 10:25:00 AM	131100.000	12.081	17.700	27.536
6154.046	7151.049	3.970	4862.714	162.495
1.002	14.761			
8/12/2016 10:30:00 AM	131400.000	12.080	17.701	27.535
6151.780	7148.334	3.969	4860.868	162.555
1.002	14.759			
8/12/2016 10:35:00 AM	131700.000	12.084	17.700	27.542
6151.330	7147.936	3.968	4860.597	162.566
1.002	14.761			
8/12/2016 10:40:00 AM	132000.000	12.077	17.701	27.527
6151.058	7147.454	3.968	4860.269	162.574
1.002	14.763			
8/12/2016 10:45:00 AM	132300.000	12.081	17.701	27.537
6149.248	7145.392	3.967	4858.867	162.622
1.002	14.766			
8/12/2016 10:50:00 AM	132600.000	12.079	17.701	27.531
6148.288	7144.290	3.966	4858.118	162.647
1.002	14.767			
8/12/2016 10:55:00 AM	132900.000	12.076	17.701	27.526

6148.420	7144.471	3.966	4858.241	162.643
1.002	14.769			
8/12/2016 11:00:00 AM	133200.000	12.070	17.700	27.512
6148.236	7144.326	3.966	4858.143	162.648
1.002	14.770			
8/12/2016 11:05:00 AM	133500.000	12.076	17.701	27.525
6144.879	7140.384	3.964	4855.461	162.737
1.002	14.769			
8/12/2016 11:10:00 AM	133800.000	12.077	17.700	27.527
6147.629	7143.636	3.966	4857.673	162.664
1.002	14.768			
8/12/2016 11:15:00 AM	134100.000	12.078	17.700	27.529
6144.941	7140.470	3.964	4855.520	162.735
1.002	14.767			
8/12/2016 11:20:00 AM	134400.000	12.075	17.701	27.523
6144.500	7139.943	3.964	4855.162	162.747
1.002	14.766			
8/12/2016 11:25:00 AM	134700.000	12.078	17.700	27.530
6144.584	7140.111	3.964	4855.275	162.745
1.002	14.765			
8/12/2016 11:30:00 AM	135000.000	12.079	17.701	27.533
6144.202	7139.597	3.963	4854.926	162.755
1.002	14.764			
8/12/2016 11:35:00 AM	135300.000	12.080	17.701	27.534
6145.083	7140.566	3.964	4855.585	162.732
1.002	14.764			
8/12/2016 11:40:00 AM	135600.000	12.081	17.700	27.536
6143.397	7138.691	3.963	4854.311	162.776
1.002	14.763			
8/12/2016 11:45:00 AM	135900.000	12.075	17.701	27.523
6143.734	7139.025	3.963	4854.538	162.767
1.002	14.763			
8/12/2016 11:50:00 AM	136200.000	12.078	17.700	27.530
6143.448	7138.735	3.963	4854.340	162.775
1.002	14.765			
8/12/2016 11:55:00 AM	136500.000	12.077	17.700	27.526
6143.015	7138.300	3.963	4854.044	162.787
1.002	14.766			
8/12/2016 12:00:00 PM	136800.000	12.073	17.701	27.519
6142.714	7137.827	3.962	4853.723	162.794
1.002	14.768			
8/12/2016 12:05:00 PM	137100.000	12.075	17.701	27.522
6143.345	7138.588	3.963	4854.240	162.778
1.002	14.768			
8/12/2016 12:10:00 PM	137400.000	12.070	17.701	27.511
6142.373	7137.375	3.962	4853.416	162.804
1.002	14.767			
8/12/2016 12:15:00 PM	137700.000	12.073	17.700	27.519
6142.073	7137.180	3.962	4853.282	162.811
1.002	14.767			
8/12/2016 12:20:00 PM	138000.000	12.069	17.701	27.509
6143.656	7138.907	3.963	4854.458	162.770
1.002	14.768			
8/12/2016 12:25:00 PM	138300.000	12.068	17.700	27.507
6143.707	7139.063	3.963	4854.563	162.768
1.002	14.768			
8/12/2016 12:30:00 PM	138600.000	12.071	17.700	27.512
6142.191	7137.290	3.962	4853.357	162.808

1.002	14.769			
8/12/2016 12:35:00 PM	138900.000	12.072	17.700	27.516
6142.080	7137.145	3.962	4853.259	162.811
1.002	14.768			
8/12/2016 12:40:00 PM	139200.000	12.068	17.700	27.507
6142.325	7137.485	3.962	4853.490	162.805
1.002	14.767			
8/12/2016 12:45:00 PM	139500.000	12.072	17.700	27.516
6142.859	7138.092	3.963	4853.903	162.791
1.002	14.767			
8/12/2016 12:50:00 PM	139800.000	12.070	17.700	27.512
6143.000	7138.257	3.963	4854.015	162.787
1.002	14.766			
8/12/2016 12:55:00 PM	140100.000	12.073	17.700	27.519
6144.556	7140.064	3.964	4855.244	162.746
1.002	14.765			
8/12/2016 1:00:00 PM	140400.000	12.075	17.700	27.523
6142.742	7137.914	3.962	4853.782	162.794
1.002	14.764			
8/12/2016 1:05:00 PM	140700.000	12.073	17.700	27.519
6142.803	7138.000	3.963	4853.840	162.792
1.002	14.762			
8/12/2016 1:10:00 PM	141000.000	12.079	17.700	27.532
6141.989	7137.055	3.962	4853.198	162.814
1.002	14.760			
8/12/2016 1:15:00 PM	141300.000	12.080	17.700	27.533
6143.581	7138.931	3.963	4854.474	162.772
1.002	14.758			
8/12/2016 1:20:00 PM	141600.000	12.079	17.700	27.531
6143.753	7139.105	3.963	4854.591	162.767
1.002	14.758			
8/12/2016 1:25:00 PM	141900.000	12.076	17.700	27.525
6144.155	7139.556	3.963	4854.898	162.756
1.002	14.759			
8/12/2016 1:30:00 PM	142200.000	12.075	17.701	27.523
6142.839	7137.986	3.963	4853.831	162.791
1.002	14.760			
8/12/2016 1:35:00 PM	142500.000	12.070	17.701	27.511
6142.504	7137.596	3.962	4853.566	162.800
1.002	14.760			
8/12/2016 1:40:00 PM	142800.000	12.074	17.701	27.519
6142.587	7137.693	3.962	4853.631	162.798
1.002	14.760			
8/12/2016 1:45:00 PM	143100.000	12.069	17.700	27.509
6142.426	7137.546	3.962	4853.532	162.802
1.002	14.760			
8/12/2016 1:50:00 PM	143400.000	12.074	17.700	27.520
6140.958	7135.840	3.961	4852.372	162.841
1.002	14.761			
8/12/2016 1:55:00 PM	143700.000	12.071	17.700	27.514
6140.969	7135.854	3.961	4852.381	162.841
1.002	14.762			
8/12/2016 2:00:00 PM	144000.000	12.069	17.700	27.508
6140.083	7134.839	3.961	4851.691	162.864
1.002	14.763			
8/12/2016 2:05:00 PM	144300.000	12.069	17.701	27.509
6138.707	7133.184	3.960	4850.565	162.901
1.002	14.762			

8/12/2016 2:10:00 PM	144600.000	12.070	17.700	27.512
6137.848	7132.270	3.959	4849.944	162.924
1.002	14.761			
8/12/2016 2:15:00 PM	144900.000	12.071	17.700	27.514
6136.116	7130.257	3.958	4848.576	162.970
1.002	14.760			
8/12/2016 2:20:00 PM	145200.000	12.070	17.700	27.511
6136.189	7130.410	3.958	4848.680	162.968
1.002	14.760			
8/12/2016 2:25:00 PM	145500.000	12.070	17.700	27.511
6133.729	7127.496	3.956	4846.697	163.033
1.002	14.760			
8/12/2016 2:30:00 PM	145800.000	12.070	17.700	27.512
6133.637	7127.376	3.956	4846.616	163.035
1.002	14.761			
8/12/2016 2:35:00 PM	146100.000	12.066	17.700	27.503
6130.469	7123.652	3.954	4844.084	163.120
1.002	14.760			
8/12/2016 2:40:00 PM	146400.000	12.067	17.701	27.505
6130.090	7123.199	3.954	4843.776	163.130
1.002	14.759			
8/12/2016 2:45:00 PM	146700.000	12.072	17.700	27.515
6127.718	7120.512	3.952	4841.949	163.193
1.002	14.759			
8/12/2016 2:50:00 PM	147000.000	12.072	17.701	27.516
6126.875	7119.464	3.952	4841.236	163.215
1.002	14.759			
8/12/2016 2:55:00 PM	147300.000	12.073	17.701	27.518
6124.648	7116.833	3.950	4839.447	163.275
1.002	14.759			
8/12/2016 3:00:00 PM	147600.000	12.069	17.701	27.509
6123.457	7115.491	3.949	4838.534	163.306
1.002	14.759			
8/12/2016 3:05:00 PM	147900.000	12.072	17.701	27.516
6121.066	7112.701	3.948	4836.637	163.370
1.002	14.759			
8/12/2016 3:10:00 PM	148200.000	12.073	17.700	27.517
6121.261	7112.995	3.948	4836.837	163.365
1.002	14.758			
8/12/2016 3:15:00 PM	148500.000	12.071	17.700	27.514
6120.694	7112.350	3.947	4836.398	163.380
1.002	14.757			
8/12/2016 3:20:00 PM	148800.000	12.067	17.700	27.505
6118.436	7109.712	3.946	4834.604	163.440
1.002	14.757			
8/12/2016 3:25:00 PM	149100.000	12.067	17.700	27.504
6119.330	7110.737	3.946	4835.301	163.417
1.002	14.757			
8/12/2016 3:30:00 PM	149400.000	12.070	17.700	27.511
6116.906	7107.908	3.945	4833.378	163.481
1.002	14.758			
8/12/2016 3:35:00 PM	149700.000	12.068	17.700	27.506
6115.060	7105.789	3.943	4831.937	163.531
1.002	14.756			
8/12/2016 3:40:00 PM	150000.000	12.073	17.700	27.519
6113.423	7103.861	3.942	4830.625	163.574
1.002	14.754			
8/12/2016 3:45:00 PM	150300.000	12.075	17.701	27.523

6111.551	7101.644	3.941	4829.118	163.625
1.002	14.753			
8/12/2016 3:50:00 PM	150600.000	12.072	17.700	27.515
6107.363	7096.831	3.938	4825.845	163.737
1.002	14.756			
8/12/2016 3:55:00 PM	150900.000	12.069	17.700	27.509
6104.503	7093.496	3.936	4823.578	163.814
1.002	14.758			
8/12/2016 4:00:00 PM	151200.000	12.066	17.701	27.503
6104.181	7093.092	3.936	4823.303	163.822
1.002	14.761			
8/12/2016 4:05:00 PM	151500.000	12.064	17.701	27.497
6102.961	7091.648	3.935	4822.321	163.855
1.002	14.758			
8/12/2016 4:10:00 PM	151800.000	12.069	17.700	27.509
6099.922	7088.157	3.933	4819.947	163.937
1.002	14.756			
8/12/2016 4:15:00 PM	152100.000	12.073	17.700	27.518
6098.419	7086.506	3.932	4818.824	163.977
1.002	14.753			
8/12/2016 4:20:00 PM	152400.000	12.072	17.700	27.516
6098.120	7086.063	3.932	4818.522	163.985
1.002	14.753			
8/12/2016 4:25:00 PM	152700.000	12.072	17.701	27.516
6096.830	7084.496	3.931	4817.457	164.020
1.002	14.753			
8/12/2016 4:30:00 PM	153000.000	12.070	17.700	27.512
6097.101	7084.975	3.931	4817.783	164.012
1.002	14.753			
8/12/2016 4:35:00 PM	153300.000	12.071	17.701	27.514
6097.237	7085.023	3.931	4817.816	164.009
1.002	14.752			
8/12/2016 4:40:00 PM	153600.000	12.072	17.700	27.516
6099.574	7087.753	3.933	4819.672	163.946
1.002	14.751			
8/12/2016 4:45:00 PM	153900.000	12.072	17.700	27.515
6096.619	7084.334	3.931	4817.348	164.025
1.002	14.751			
8/12/2016 4:50:00 PM	154200.000	12.071	17.700	27.514
6098.104	7086.073	3.932	4818.530	163.985
1.002	14.750			
8/12/2016 4:55:00 PM	154500.000	12.069	17.701	27.510
6097.390	7085.188	3.931	4817.928	164.005
1.002	14.750			
8/12/2016 5:00:00 PM	154800.000	12.068	17.700	27.507
6096.113	7083.758	3.930	4816.956	164.039
1.002	14.749			
8/12/2016 5:05:00 PM	155100.000	12.070	17.700	27.512
6096.646	7084.350	3.931	4817.358	164.025
1.002	14.748			
8/12/2016 5:10:00 PM	155400.000	12.070	17.701	27.512
6097.397	7085.210	3.931	4817.943	164.004
1.002	14.746			
8/12/2016 5:15:00 PM	155700.000	12.071	17.701	27.513
6095.202	7082.646	3.930	4816.200	164.063
1.002	14.745			
8/12/2016 5:20:00 PM	156000.000	12.068	17.701	27.506
6096.513	7084.170	3.931	4817.236	164.028

1.002	14.745			
8/12/2016 5:25:00 PM	156300.000	12.069	17.701	27.509
6096.560	7084.209	3.931	4817.263	164.027
1.002	14.746			
8/12/2016 5:30:00 PM	156600.000	12.066	17.701	27.502
6095.523	7083.020	3.930	4816.454	164.055
1.002	14.746			
8/12/2016 5:35:00 PM	156900.000	12.064	17.701	27.497
6096.767	7084.477	3.931	4817.445	164.021
1.002	14.743			
8/12/2016 5:40:00 PM	157200.000	12.071	17.700	27.514
6095.774	7083.365	3.930	4816.688	164.048
1.002	14.739			
8/12/2016 5:45:00 PM	157500.000	12.074	17.700	27.520
6094.614	7082.072	3.929	4815.809	164.079
1.002	14.735			
8/12/2016 5:50:00 PM	157800.000	12.071	17.700	27.513
6095.049	7082.577	3.930	4816.152	164.068
1.002	14.735			
8/12/2016 5:55:00 PM	158100.000	12.068	17.701	27.507
6094.469	7081.807	3.929	4815.629	164.083
1.002	14.736			
8/12/2016 6:00:00 PM	158400.000	12.070	17.700	27.511
6093.319	7080.512	3.928	4814.748	164.114
1.002	14.737			
8/12/2016 6:05:00 PM	158700.000	12.067	17.700	27.503
6093.470	7080.702	3.929	4814.877	164.110
1.002	14.735			
8/12/2016 6:10:00 PM	159000.000	12.070	17.700	27.512
6093.712	7080.997	3.929	4815.078	164.104
1.002	14.734			
8/12/2016 6:15:00 PM	159300.000	12.067	17.700	27.504
6094.005	7081.349	3.929	4815.318	164.096
1.002	14.733			
8/12/2016 6:20:00 PM	159600.000	12.070	17.700	27.511
6093.233	7080.412	3.928	4814.681	164.116
1.002	14.734			
8/12/2016 6:25:00 PM	159900.000	12.071	17.700	27.513
6091.114	7077.938	3.927	4812.999	164.174
1.002	14.734			
8/12/2016 6:30:00 PM	160200.000	12.067	17.701	27.504
6089.896	7076.494	3.926	4812.017	164.206
1.002	14.735			
8/12/2016 6:35:00 PM	160500.000	12.067	17.701	27.504
6091.341	7078.145	3.927	4813.139	164.167
1.002	14.734			
8/12/2016 6:40:00 PM	160800.000	12.063	17.701	27.496
6089.733	7076.292	3.926	4811.879	164.211
1.002	14.733			
8/12/2016 6:45:00 PM	161100.000	12.069	17.701	27.509
6089.672	7076.233	3.926	4811.839	164.212
1.002	14.732			
8/12/2016 6:50:00 PM	161400.000	12.070	17.701	27.511
6090.620	7077.307	3.927	4812.569	164.187
1.002	14.731			
8/12/2016 6:55:00 PM	161700.000	12.069	17.700	27.509
6089.891	7076.501	3.926	4812.021	164.207
1.002	14.731			

8/12/2016 7:00:00 PM	162000.000	12.070	17.700	27.511
6088.896	7075.360	3.925	4811.246	164.233
1.002	14.730			
8/12/2016 7:05:00 PM	162300.000	12.069	17.701	27.510
6089.521	7076.058	3.926	4811.719	164.217
1.002	14.730			
8/12/2016 7:10:00 PM	162600.000	12.064	17.700	27.498
6087.678	7073.945	3.925	4810.283	164.266
1.002	14.731			
8/12/2016 7:15:00 PM	162900.000	12.063	17.700	27.495
6088.125	7074.448	3.925	4810.625	164.254
1.002	14.732			
8/12/2016 7:20:00 PM	163200.000	12.066	17.700	27.503
6088.927	7075.422	3.925	4811.288	164.233
1.002	14.732			
8/12/2016 7:25:00 PM	163500.000	12.066	17.700	27.502
6087.146	7073.339	3.924	4809.871	164.281
1.002	14.732			
8/12/2016 7:30:00 PM	163800.000	12.060	17.701	27.488
6088.195	7074.490	3.925	4810.654	164.252
1.002	14.732			
8/12/2016 7:35:00 PM	164100.000	12.067	17.700	27.505
6088.622	7075.068	3.925	4811.046	164.241
1.002	14.730			
8/12/2016 7:40:00 PM	164400.000	12.066	17.700	27.503
6087.713	7073.998	3.925	4810.318	164.265
1.002	14.727			
8/12/2016 7:45:00 PM	164700.000	12.069	17.701	27.510
6089.355	7075.865	3.926	4811.589	164.221
1.002	14.724			
8/12/2016 7:50:00 PM	165000.000	12.073	17.700	27.517
6089.493	7076.054	3.926	4811.717	164.217
1.002	14.726			
8/12/2016 7:55:00 PM	165300.000	12.073	17.700	27.518
6088.820	7075.312	3.925	4811.212	164.235
1.002	14.727			
8/12/2016 8:00:00 PM	165600.000	12.067	17.700	27.505
6089.086	7075.621	3.926	4811.423	164.228
1.002	14.728			
8/12/2016 8:05:00 PM	165900.000	12.069	17.700	27.510
6089.373	7075.898	3.926	4811.611	164.221
1.002	14.730			
8/12/2016 8:10:00 PM	166200.000	12.066	17.700	27.503
6089.699	7076.346	3.926	4811.916	164.212
1.002	14.732			
8/12/2016 8:15:00 PM	166500.000	12.061	17.700	27.491
6089.517	7076.122	3.926	4811.763	164.217
1.002	14.734			
8/12/2016 8:20:00 PM	166800.000	12.061	17.701	27.491
6089.541	7076.053	3.926	4811.717	164.216
1.002	14.734			
8/12/2016 8:25:00 PM	167100.000	12.064	17.700	27.497
6090.582	7077.372	3.927	4812.613	164.188
1.002	14.734			
8/12/2016 8:30:00 PM	167400.000	12.061	17.700	27.492
6089.844	7076.515	3.926	4812.030	164.208
1.002	14.734			
8/12/2016 8:35:00 PM	167700.000	12.066	17.700	27.502

6090.043	7076.760	3.926	4812.198	164.202
1.002	14.734			
8/12/2016 8:40:00 PM	168000.000	12.067	17.700	27.505
6090.081	7076.763	3.926	4812.200	164.201
1.002	14.734			
8/12/2016 8:45:00 PM	168300.000	12.067	17.701	27.504
6090.420	7077.061	3.926	4812.402	164.192
1.002	14.735			
8/12/2016 8:50:00 PM	168600.000	12.063	17.700	27.495
6089.996	7076.651	3.926	4812.123	164.204
1.002	14.734			
8/12/2016 8:55:00 PM	168900.000	12.068	17.700	27.507
6089.207	7075.734	3.926	4811.499	164.225
1.002	14.734			
8/12/2016 9:00:00 PM	169200.000	12.068	17.700	27.506
6089.246	7075.779	3.926	4811.530	164.224
1.002	14.734			
8/12/2016 9:05:00 PM	169500.000	12.068	17.701	27.506
6089.681	7076.216	3.926	4811.827	164.212
1.002	14.734			
8/12/2016 9:10:00 PM	169800.000	12.063	17.701	27.496
6090.616	7077.317	3.927	4812.576	164.187
1.002	14.735			
8/12/2016 9:15:00 PM	170100.000	12.064	17.700	27.498
6091.522	7078.465	3.927	4813.356	164.163
1.002	14.736			
8/12/2016 9:20:00 PM	170400.000	12.066	17.700	27.503
6091.612	7078.542	3.927	4813.409	164.160
1.002	14.737			
8/12/2016 9:25:00 PM	170700.000	12.064	17.701	27.498
6090.778	7077.506	3.927	4812.705	164.183
1.002	14.739			
8/12/2016 9:30:00 PM	171000.000	12.064	17.700	27.497
6089.644	7076.229	3.926	4811.836	164.213
1.002	14.741			
8/12/2016 9:35:00 PM	171300.000	12.065	17.700	27.500
6090.400	7077.092	3.926	4812.423	164.193
1.002	14.740			
8/12/2016 9:40:00 PM	171600.000	12.067	17.700	27.504
6090.165	7076.819	3.926	4812.238	164.199
1.002	14.739			
8/12/2016 9:45:00 PM	171900.000	12.063	17.701	27.496
6089.989	7076.602	3.926	4812.089	164.204
1.002	14.739			
8/12/2016 9:50:00 PM	172200.000	12.068	17.700	27.507
6090.850	7077.630	3.927	4812.789	164.181
1.002	14.738			
8/12/2016 9:55:00 PM	172500.000	12.069	17.700	27.509
6090.203	7076.892	3.926	4812.286	164.198
1.002	14.738			
8/12/2016 10:00:00 PM	172800.000	12.068	17.700	27.508
6089.283	7075.877	3.926	4811.597	164.223
1.002	14.737			
8/12/2016 10:05:00 PM	173100.000	12.068	17.700	27.506
6090.824	7077.668	3.927	4812.815	164.181
1.002	14.739			
8/12/2016 10:10:00 PM	173400.000	12.066	17.700	27.502
6089.965	7076.643	3.926	4812.118	164.205

1.002	14.742			
8/12/2016 10:15:00 PM	173700.000	12.065	17.700	27.500
6089.228	7075.746	3.926	4811.507	164.224
1.002	14.744			
8/12/2016 10:20:00 PM	174000.000	12.063	17.700	27.496
6090.063	7076.716	3.926	4812.167	164.202
1.002	14.744			
8/12/2016 10:25:00 PM	174300.000	12.061	17.701	27.490
6089.987	7076.599	3.926	4812.087	164.204
1.002	14.745			
8/12/2016 10:30:00 PM	174600.000	12.060	17.700	27.488
6089.860	7076.521	3.926	4812.035	164.207
1.002	14.746			
8/12/2016 10:35:00 PM	174900.000	12.062	17.700	27.493
6091.535	7078.479	3.927	4813.366	164.162
1.002	14.743			
8/12/2016 10:40:00 PM	175200.000	12.063	17.700	27.496
6089.272	7075.824	3.926	4811.561	164.223
1.002	14.740			
8/12/2016 10:45:00 PM	175500.000	12.062	17.701	27.494
6091.267	7078.074	3.927	4813.090	164.169
1.002	14.737			
8/12/2016 10:50:00 PM	175800.000	12.061	17.700	27.491
6089.431	7076.035	3.926	4811.704	164.219
1.002	14.738			
8/12/2016 10:55:00 PM	176100.000	12.059	17.701	27.487
6090.863	7077.575	3.927	4812.751	164.180
1.002	14.739			
8/12/2016 11:00:00 PM	176400.000	12.061	17.700	27.490
6095.714	7083.295	3.930	4816.641	164.050
1.002	14.739			
8/12/2016 11:05:00 PM	176700.000	12.064	17.700	27.497
6113.104	7103.502	3.942	4830.382	163.583
1.002	14.739			
8/12/2016 11:10:00 PM	177000.000	12.064	17.700	27.498
6144.368	7139.887	3.964	4855.124	162.751
1.002	14.739			
8/12/2016 11:15:00 PM	177300.000	12.060	17.699	27.488
6174.538	7175.056	3.985	4879.039	161.955
1.002	14.739			
8/12/2016 11:20:00 PM	177600.000	12.060	17.699	27.488
6203.102	7208.302	4.004	4901.646	161.210
1.002	14.739			
8/12/2016 11:25:00 PM	177900.000	12.065	17.700	27.500
6228.203	7237.348	4.022	4921.397	160.560
1.002	14.738			
8/12/2016 11:30:00 PM	178200.000	12.064	17.700	27.497
6248.068	7260.416	4.035	4937.083	160.049
1.002	14.738			
8/12/2016 11:35:00 PM	178500.000	12.065	17.699	27.499
6270.066	7286.063	4.050	4954.522	159.488
1.002	14.736			
8/12/2016 11:40:00 PM	178800.000	12.067	17.699	27.504
6287.942	7306.821	4.063	4968.638	159.035
1.002	14.735			
8/12/2016 11:45:00 PM	179100.000	12.063	17.700	27.496
6307.379	7329.354	4.076	4983.960	158.544
1.002	14.733			

8/12/2016 11:50:00 PM	179400.000	12.064	17.699	27.498
6323.286	7347.920	4.087	4996.586	158.146
1.002	14.733			
8/12/2016 11:55:00 PM	179700.000	12.070	17.699	27.511
6339.132	7366.292	4.098	5009.079	157.750
1.002	14.732			
8/13/2016 12:00:00 AM	180000.000	12.071	17.699	27.512
6356.512	7386.531	4.110	5022.841	157.319
1.002	14.732			
8/13/2016 12:05:00 AM	180300.000	12.067	17.699	27.505
6369.636	7401.812	4.119	5033.232	156.995
1.002	14.733			
8/13/2016 12:10:00 AM	180600.000	12.062	17.700	27.493
6382.030	7416.112	4.128	5042.957	156.690
1.002	14.734			
8/13/2016 12:15:00 AM	180900.000	12.066	17.699	27.502
6394.675	7430.877	4.137	5052.997	156.380
1.002	14.735			
8/13/2016 12:20:00 AM	181200.000	12.068	17.700	27.506
6408.084	7446.388	4.146	5063.544	156.053
1.002	14.734			
8/13/2016 12:25:00 AM	181500.000	12.069	17.699	27.508
6418.047	7458.051	4.153	5071.475	155.811
1.002	14.733			
8/13/2016 12:30:00 AM	181800.000	12.064	17.700	27.498
6429.486	7471.272	4.161	5080.466	155.533
1.002	14.732			
8/13/2016 12:35:00 AM	182100.000	12.067	17.699	27.505
6439.089	7482.446	4.167	5088.063	155.301
1.002	14.732			
8/13/2016 12:40:00 AM	182400.000	12.069	17.700	27.509
6448.715	7493.617	4.174	5095.660	155.070
1.002	14.732			
8/13/2016 12:45:00 AM	182700.000	12.063	17.699	27.496
6458.112	7504.550	4.181	5103.095	154.844
1.002	14.731			
8/13/2016 12:50:00 AM	183000.000	12.066	17.699	27.501
6467.023	7514.935	4.187	5110.156	154.631
1.002	14.730			
8/13/2016 12:55:00 AM	183300.000	12.072	17.700	27.516
6474.685	7523.779	4.192	5116.170	154.448
1.002	14.729			
8/13/2016 1:00:00 AM	183600.000	12.073	17.699	27.518
6483.570	7534.133	4.198	5123.211	154.236
1.002	14.728			
8/13/2016 1:05:00 AM	183900.000	12.067	17.699	27.504
6490.504	7542.278	4.203	5128.750	154.071
1.002	14.729			
8/13/2016 1:10:00 AM	184200.000	12.071	17.699	27.513
6499.174	7552.310	4.209	5135.571	153.866
1.002	14.730			
8/13/2016 1:15:00 AM	184500.000	12.069	17.699	27.509
6505.461	7559.586	4.213	5140.519	153.717
1.002	14.731			
8/13/2016 1:20:00 AM	184800.000	12.068	17.700	27.507
6512.488	7567.723	4.218	5146.052	153.551
1.002	14.733			
8/13/2016 1:25:00 AM	185100.000	12.069	17.699	27.508

6516.577	7572.532	4.221	5149.322	153.455
1.002	14.735			
8/13/2016 1:30:00 AM	185400.000	12.065	17.699	27.501
6523.759	7580.893	4.226	5155.007	153.286
1.002	14.737			
8/13/2016 1:35:00 AM	185700.000	12.068	17.699	27.507
6528.385	7586.254	4.229	5158.653	153.177
1.002	14.734			
8/13/2016 1:40:00 AM	186000.000	12.071	17.699	27.514
6535.806	7594.863	4.234	5164.507	153.003
1.002	14.731			
8/13/2016 1:45:00 AM	186300.000	12.072	17.700	27.515
6538.881	7598.349	4.236	5166.877	152.931
1.002	14.728			
8/13/2016 1:50:00 AM	186600.000	12.072	17.700	27.515
6544.119	7604.452	4.240	5171.028	152.809
1.002	14.728			
8/13/2016 1:55:00 AM	186900.000	12.069	17.699	27.510
6547.587	7608.553	4.243	5173.817	152.728
1.002	14.727			
8/13/2016 2:00:00 AM	187200.000	12.073	17.700	27.519
6552.009	7613.620	4.246	5177.261	152.625
1.002	14.726			
8/13/2016 2:05:00 AM	187500.000	12.071	17.700	27.514
6555.346	7617.510	4.248	5179.907	152.547
1.002	14.727			
8/13/2016 2:10:00 AM	187800.000	12.067	17.700	27.504
6560.758	7623.787	4.252	5184.175	152.421
1.002	14.728			
8/13/2016 2:15:00 AM	188100.000	12.071	17.699	27.513
6562.793	7626.224	4.253	5185.833	152.374
1.002	14.729			
8/13/2016 2:20:00 AM	188400.000	12.066	17.700	27.503
6565.798	7629.671	4.255	5188.177	152.304
1.002	14.728			
8/13/2016 2:25:00 AM	188700.000	12.072	17.699	27.515
6570.730	7635.417	4.259	5192.084	152.190
1.002	14.726			
8/13/2016 2:30:00 AM	189000.000	12.068	17.700	27.507
6573.561	7638.691	4.261	5194.310	152.125
1.002	14.725			
8/13/2016 2:35:00 AM	189300.000	12.074	17.700	27.520
6575.758	7641.217	4.262	5196.028	152.074
1.002	14.723			
8/13/2016 2:40:00 AM	189600.000	12.077	17.699	27.527
6579.754	7645.947	4.265	5199.245	151.981
1.002	14.721			
8/13/2016 2:45:00 AM	189900.000	12.077	17.699	27.528
6581.257	7647.694	4.266	5200.432	151.947
1.002	14.719			
8/13/2016 2:50:00 AM	190200.000	12.072	17.699	27.516
6583.801	7650.636	4.268	5202.432	151.888
1.002	14.720			
8/13/2016 2:55:00 AM	190500.000	12.076	17.700	27.524
6583.607	7650.337	4.268	5202.230	151.892
1.002	14.722			
8/13/2016 3:00:00 AM	190800.000	12.074	17.700	27.520
6587.016	7654.299	4.270	5204.924	151.814

1.002	14.723			
8/13/2016 3:05:00 AM	191100.000	12.070	17.699	27.511
6588.525	7656.125	4.271	5206.165	151.779
1.002	14.723			
8/13/2016 3:10:00 AM	191400.000	12.074	17.700	27.521
6592.599	7660.786	4.274	5209.335	151.685
1.002	14.723			
8/13/2016 3:15:00 AM	191700.000	12.073	17.700	27.518
6591.580	7659.631	4.273	5208.549	151.709
1.002	14.723			
8/13/2016 3:20:00 AM	192000.000	12.073	17.699	27.519
6592.147	7660.363	4.273	5209.047	151.696
1.002	14.723			
8/13/2016 3:25:00 AM	192300.000	12.073	17.700	27.517
6593.882	7662.247	4.275	5210.328	151.656
1.002	14.723			
8/13/2016 3:30:00 AM	192600.000	12.074	17.699	27.520
6598.004	7667.124	4.278	5213.645	151.561
1.002	14.722			
8/13/2016 3:35:00 AM	192900.000	12.069	17.699	27.510
6598.278	7667.429	4.278	5213.852	151.555
1.002	14.723			
8/13/2016 3:40:00 AM	193200.000	12.073	17.699	27.518
6597.769	7666.837	4.277	5213.450	151.566
1.002	14.723			
8/13/2016 3:45:00 AM	193500.000	12.072	17.700	27.516
6599.299	7668.600	4.278	5214.648	151.531
1.002	14.723			
8/13/2016 3:50:00 AM	193800.000	12.070	17.700	27.510
6600.194	7669.595	4.279	5215.325	151.511
1.002	14.721			
8/13/2016 3:55:00 AM	194100.000	12.072	17.700	27.515
6599.976	7669.313	4.279	5215.133	151.516
1.002	14.720			
8/13/2016 4:00:00 AM	194400.000	12.078	17.699	27.529
6601.913	7671.667	4.280	5216.733	151.471
1.002	14.718			
8/13/2016 4:05:00 AM	194700.000	12.076	17.700	27.525
6602.993	7672.848	4.281	5217.537	151.446
1.002	14.718			
8/13/2016 4:10:00 AM	195000.000	12.077	17.699	27.528
6604.095	7674.188	4.282	5218.448	151.421
1.002	14.718			
8/13/2016 4:15:00 AM	195300.000	12.078	17.699	27.529
6603.534	7673.536	4.281	5218.005	151.434
1.002	14.718			
8/13/2016 4:20:00 AM	195600.000	12.077	17.700	27.528
6604.679	7674.778	4.282	5218.849	151.408
1.002	14.716			
8/13/2016 4:25:00 AM	195900.000	12.081	17.700	27.535
6604.492	7674.531	4.282	5218.681	151.412
1.002	14.714			
8/13/2016 4:30:00 AM	196200.000	12.078	17.700	27.529
6604.008	7674.028	4.282	5218.339	151.423
1.002	14.712			
8/13/2016 4:35:00 AM	196500.000	12.081	17.700	27.535
6608.318	7679.021	4.285	5221.734	151.324
1.002	14.713			

8/13/2016 4:40:00 AM	196800.000	12.080	17.700	27.533
6607.094	7677.644	4.284	5220.798	151.352
1.002	14.714			
8/13/2016 4:45:00 AM	197100.000	12.078	17.700	27.530
6607.976	7678.684	4.284	5221.505	151.332
1.002	14.716			
8/13/2016 4:50:00 AM	197400.000	12.080	17.700	27.534
6607.951	7678.639	4.284	5221.474	151.333
1.002	14.715			
8/13/2016 4:55:00 AM	197700.000	12.081	17.700	27.537
6608.036	7678.664	4.284	5221.491	151.331
1.002	14.714			
8/13/2016 5:00:00 AM	198000.000	12.078	17.699	27.528
6605.438	7675.749	4.283	5219.510	151.390
1.002	14.713			
8/13/2016 5:05:00 AM	198300.000	12.081	17.699	27.537
6608.926	7679.802	4.285	5222.265	151.311
1.002	14.714			
8/13/2016 5:10:00 AM	198600.000	12.082	17.700	27.539
6609.720	7680.606	4.286	5222.813	151.292
1.002	14.715			
8/13/2016 5:15:00 AM	198900.000	12.081	17.700	27.537
6608.456	7679.123	4.285	5221.804	151.321
1.002	14.716			
8/13/2016 5:20:00 AM	199200.000	12.081	17.699	27.536
6608.710	7679.551	4.285	5222.095	151.315
1.002	14.717			
8/13/2016 5:25:00 AM	199500.000	12.078	17.700	27.529
6607.427	7678.045	4.284	5221.071	151.345
1.002	14.717			
8/13/2016 5:30:00 AM	199800.000	12.082	17.700	27.538
6608.282	7678.965	4.285	5221.696	151.325
1.002	14.717			
8/13/2016 5:35:00 AM	200100.000	12.083	17.700	27.541
6607.725	7678.288	4.284	5221.236	151.338
1.002	14.717			
8/13/2016 5:40:00 AM	200400.000	12.080	17.700	27.534
6605.933	7676.235	4.283	5219.840	151.379
1.002	14.717			
8/13/2016 5:45:00 AM	200700.000	12.080	17.700	27.535
6608.033	7678.659	4.284	5221.488	151.331
1.002	14.716			
8/13/2016 5:50:00 AM	201000.000	12.083	17.700	27.542
6606.611	7676.979	4.283	5220.347	151.364
1.002	14.718			
8/13/2016 5:55:00 AM	201300.000	12.083	17.700	27.540
6604.031	7673.965	4.282	5218.296	151.423
1.002	14.719			
8/13/2016 6:00:00 AM	201600.000	12.076	17.700	27.525
6605.596	7675.843	4.283	5219.574	151.387
1.002	14.720			
8/13/2016 6:05:00 AM	201900.000	12.079	17.699	27.531
6606.093	7676.524	4.283	5220.037	151.375
1.002	14.719			
8/13/2016 6:10:00 AM	202200.000	12.079	17.700	27.531
6604.988	7675.151	4.282	5219.104	151.401
1.002	14.717			
8/13/2016 6:15:00 AM	202500.000	12.082	17.700	27.539

6604.475	7674.555	4.282	5218.698	151.412
1.002	14.716			
8/13/2016 6:20:00 AM	202800.000	12.089	17.700	27.554
6603.374	7673.275	4.281	5217.827	151.438
1.002	14.716			
8/13/2016 6:25:00 AM	203100.000	12.091	17.700	27.558
6602.854	7672.687	4.281	5217.428	151.450
1.002	14.715			
8/13/2016 6:30:00 AM	203400.000	12.087	17.700	27.549
6603.532	7673.475	4.281	5217.963	151.434
1.002	14.715			
8/13/2016 6:35:00 AM	203700.000	12.090	17.700	27.556
6604.186	7674.132	4.282	5218.410	151.419
1.002	14.716			
8/13/2016 6:40:00 AM	204000.000	12.090	17.700	27.557
6604.590	7674.733	4.282	5218.819	151.410
1.002	14.717			
8/13/2016 6:45:00 AM	204300.000	12.091	17.700	27.558
6601.749	7671.418	4.280	5216.564	151.475
1.002	14.717			
8/13/2016 6:50:00 AM	204600.000	12.084	17.700	27.544
6602.655	7672.411	4.281	5217.239	151.454
1.002	14.720			
8/13/2016 6:55:00 AM	204900.000	12.088	17.700	27.552
6601.020	7670.572	4.280	5215.989	151.492
1.002	14.722			
8/13/2016 7:00:00 AM	205200.000	12.087	17.701	27.549
6600.433	7669.726	4.279	5215.414	151.505
1.002	14.724			
8/13/2016 7:05:00 AM	205500.000	12.084	17.700	27.543
6600.943	7670.452	4.280	5215.908	151.493
1.002	14.723			
8/13/2016 7:10:00 AM	205800.000	12.091	17.700	27.558
6600.799	7670.253	4.279	5215.772	151.497
1.002	14.723			
8/13/2016 7:15:00 AM	206100.000	12.091	17.701	27.560
6599.234	7668.333	4.278	5214.467	151.533
1.002	14.722			
8/13/2016 7:20:00 AM	206400.000	12.091	17.700	27.558
6598.843	7667.953	4.278	5214.208	151.542
1.002	14.724			
8/13/2016 7:25:00 AM	206700.000	12.089	17.700	27.555
6600.077	7669.476	4.279	5215.244	151.513
1.002	14.727			
8/13/2016 7:30:00 AM	207000.000	12.088	17.700	27.553
6598.215	7667.194	4.278	5213.692	151.556
1.002	14.730			
8/13/2016 7:35:00 AM	207300.000	12.087	17.700	27.551
6597.470	7666.371	4.277	5213.132	151.573
1.002	14.731			
8/13/2016 7:40:00 AM	207600.000	12.086	17.700	27.549
6597.971	7666.968	4.277	5213.538	151.562
1.002	14.732			
8/13/2016 7:45:00 AM	207900.000	12.086	17.700	27.547
6596.301	7664.984	4.276	5212.189	151.600
1.002	14.733			
8/13/2016 7:50:00 AM	208200.000	12.089	17.700	27.555
6595.277	7663.881	4.276	5211.439	151.624

1.002	14.732			
8/13/2016 7:55:00 AM	208500.000	12.089	17.700	27.554
6595.977	7664.606	4.276	5211.933	151.608
1.002	14.731			
8/13/2016 8:00:00 AM	208800.000	12.090	17.700	27.556
6594.111	7662.439	4.275	5210.459	151.650
1.002	14.730			
8/13/2016 8:05:00 AM	209100.000	12.090	17.700	27.558
6595.667	7664.306	4.276	5211.728	151.615
1.002	14.731			
8/13/2016 8:10:00 AM	209400.000	12.090	17.700	27.557
6594.045	7662.332	4.275	5210.386	151.652
1.002	14.732			
8/13/2016 8:15:00 AM	209700.000	12.085	17.700	27.546
6593.517	7661.792	4.274	5210.019	151.664
1.002	14.732			
8/13/2016 8:20:00 AM	210000.000	12.092	17.700	27.560
6593.681	7662.013	4.274	5210.169	151.660
1.002	14.732			
8/13/2016 8:25:00 AM	210300.000	12.092	17.700	27.562
6592.827	7660.977	4.274	5209.464	151.680
1.002	14.732			
8/13/2016 8:30:00 AM	210600.000	12.093	17.700	27.564
6591.136	7658.997	4.273	5208.119	151.719
1.002	14.731			
8/13/2016 8:35:00 AM	210900.000	12.092	17.700	27.560
6591.636	7659.651	4.273	5208.563	151.707
1.002	14.731			
8/13/2016 8:40:00 AM	211200.000	12.092	17.700	27.562
6592.699	7660.886	4.274	5209.402	151.683
1.002	14.731			
8/13/2016 8:45:00 AM	211500.000	12.093	17.700	27.564
6591.543	7659.498	4.273	5208.459	151.710
1.002	14.730			
8/13/2016 8:50:00 AM	211800.000	12.093	17.700	27.563
6589.448	7657.138	4.272	5206.854	151.758
1.002	14.731			
8/13/2016 8:55:00 AM	212100.000	12.093	17.700	27.564
6588.190	7655.647	4.271	5205.840	151.787
1.002	14.732			
8/13/2016 9:00:00 AM	212400.000	12.087	17.701	27.550
6591.140	7658.928	4.273	5208.072	151.719
1.002	14.733			
8/13/2016 9:05:00 AM	212700.000	12.091	17.700	27.559
6587.851	7655.165	4.270	5205.512	151.795
1.002	14.734			
8/13/2016 9:10:00 AM	213000.000	12.085	17.701	27.546
6587.324	7654.478	4.270	5205.045	151.807
1.002	14.734			
8/13/2016 9:15:00 AM	213300.000	12.091	17.700	27.559
6587.921	7655.276	4.270	5205.588	151.793
1.002	14.734			
8/13/2016 9:20:00 AM	213600.000	12.092	17.700	27.561
6588.937	7656.500	4.271	5206.420	151.770
1.002	14.732			
8/13/2016 9:25:00 AM	213900.000	12.094	17.700	27.566
6587.672	7655.000	4.270	5205.400	151.799
1.002	14.731			

8/13/2016 9:30:00 AM	214200.000	12.096	17.700	27.571
6586.725	7653.929	4.270	5204.672	151.821
1.002	14.730			
8/13/2016 9:35:00 AM	214500.000	12.097	17.701	27.573
6583.273	7649.727	4.267	5201.814	151.900
1.002	14.730			
8/13/2016 9:40:00 AM	214800.000	12.091	17.701	27.559
6585.556	7652.453	4.269	5203.668	151.847
1.002	14.731			
8/13/2016 9:45:00 AM	215100.000	12.090	17.700	27.557
6583.943	7650.711	4.268	5202.484	151.885
1.002	14.731			
8/13/2016 9:50:00 AM	215400.000	12.097	17.700	27.572
6584.174	7650.979	4.268	5202.667	151.879
1.002	14.730			
8/13/2016 9:55:00 AM	215700.000	12.097	17.700	27.573
6584.238	7650.996	4.268	5202.678	151.878
1.002	14.729			
8/13/2016 10:00:00 AM	216000.000	12.098	17.700	27.575
6583.181	7649.767	4.267	5201.842	151.902
1.002	14.728			
8/13/2016 10:05:00 AM	216300.000	12.093	17.700	27.564
6583.439	7650.097	4.267	5202.066	151.896
1.002	14.728			
8/13/2016 10:10:00 AM	216600.000	12.094	17.700	27.566
6582.776	7649.237	4.267	5201.482	151.912
1.002	14.728			
8/13/2016 10:15:00 AM	216900.000	12.099	17.701	27.578
6581.787	7648.074	4.266	5200.691	151.934
1.002	14.728			
8/13/2016 10:20:00 AM	217200.000	12.097	17.700	27.573
6582.524	7649.063	4.267	5201.363	151.917
1.002	14.728			
8/13/2016 10:25:00 AM	217500.000	12.097	17.700	27.574
6575.276	7640.553	4.262	5195.576	152.085
1.002	14.727			
8/13/2016 10:30:00 AM	217800.000	12.100	17.700	27.580
6551.220	7612.614	4.245	5176.578	152.643
1.002	14.727			
8/13/2016 10:35:00 AM	218100.000	12.096	17.701	27.569
6532.977	7591.355	4.232	5162.122	153.070
1.002	14.728			
8/13/2016 10:40:00 AM	218400.000	12.096	17.700	27.571
6529.069	7586.830	4.230	5159.044	153.161
1.002	14.728			
8/13/2016 10:45:00 AM	218700.000	12.100	17.701	27.580
6529.054	7586.784	4.230	5159.013	153.162
1.002	14.728			
8/13/2016 10:50:00 AM	219000.000	12.100	17.700	27.579
6532.652	7591.022	4.232	5161.896	153.077
1.002	14.729			
8/13/2016 10:55:00 AM	219300.000	12.099	17.700	27.578
6535.581	7594.469	4.234	5164.239	153.009
1.002	14.729			
8/13/2016 11:00:00 AM	219600.000	12.099	17.700	27.576
6537.825	7597.020	4.236	5165.974	152.956
1.002	14.730			
8/13/2016 11:05:00 AM	219900.000	12.099	17.700	27.577

6541.348	7601.098	4.238	5168.747	152.874
1.002	14.730			
8/13/2016 11:10:00 AM	220200.000	12.097	17.700	27.573
6545.352	7605.854	4.241	5171.981	152.780
1.002	14.730			
8/13/2016 11:15:00 AM	220500.000	12.096	17.700	27.572
6548.174	7609.146	4.243	5174.220	152.714
1.002	14.730			
8/13/2016 11:20:00 AM	220800.000	12.098	17.700	27.574
6550.673	7611.963	4.245	5176.136	152.656
1.002	14.729			
8/13/2016 11:25:00 AM	221100.000	12.094	17.700	27.567
6553.562	7615.335	4.247	5178.429	152.589
1.002	14.728			
8/13/2016 11:30:00 AM	221400.000	12.100	17.700	27.579
6555.134	7617.177	4.248	5179.680	152.552
1.002	14.727			
8/13/2016 11:35:00 AM	221700.000	12.100	17.701	27.580
6557.064	7619.346	4.249	5181.156	152.507
1.002	14.726			
8/13/2016 11:40:00 AM	222000.000	12.101	17.700	27.583
6558.876	7621.482	4.250	5182.608	152.465
1.002	14.724			
8/13/2016 11:45:00 AM	222300.000	12.102	17.699	27.585
6560.655	7623.709	4.252	5184.122	152.424
1.002	14.722			
8/13/2016 11:50:00 AM	222600.000	12.102	17.700	27.584
6561.496	7624.569	4.252	5184.707	152.404
1.002	14.723			
8/13/2016 11:55:00 AM	222900.000	12.102	17.700	27.583
6563.616	7627.003	4.254	5186.363	152.355
1.002	14.723			
8/13/2016 12:00:00 PM	223200.000	12.097	17.700	27.573
6564.014	7627.495	4.254	5186.696	152.346
1.002	14.724			
8/13/2016 12:05:00 PM	223500.000	12.101	17.700	27.583
6565.983	7629.813	4.255	5188.273	152.300
1.002	14.723			
8/13/2016 12:10:00 PM	223800.000	12.103	17.700	27.586
6566.020	7629.783	4.255	5188.253	152.299
1.002	14.722			
8/13/2016 12:15:00 PM	224100.000	12.099	17.700	27.577
6570.157	7634.634	4.258	5191.552	152.203
1.002	14.721			
8/13/2016 12:20:00 PM	224400.000	12.102	17.700	27.585
6568.113	7632.258	4.257	5189.936	152.251
1.002	14.721			
8/13/2016 12:25:00 PM	224700.000	12.102	17.700	27.585
6570.136	7634.639	4.258	5191.555	152.204
1.002	14.722			
8/13/2016 12:30:00 PM	225000.000	12.100	17.700	27.580
6568.313	7632.461	4.257	5190.074	152.246
1.002	14.723			
8/13/2016 12:35:00 PM	225300.000	12.100	17.700	27.581
6569.656	7634.021	4.258	5191.135	152.215
1.002	14.722			
8/13/2016 12:40:00 PM	225600.000	12.101	17.701	27.582
6569.349	7633.620	4.258	5190.862	152.222

1.002	14.722			
8/13/2016 12:45:00 PM	225900.000	12.102	17.700	27.584
6571.544	7636.231	4.259	5192.637	152.171
1.002	14.721			
8/13/2016 12:50:00 PM	226200.000	12.101	17.700	27.581
6571.989	7636.776	4.259	5193.008	152.161
1.002	14.722			
8/13/2016 12:55:00 PM	226500.000	12.102	17.700	27.584
6570.293	7634.778	4.258	5191.649	152.200
1.002	14.723			
8/13/2016 1:00:00 PM	226800.000	12.096	17.700	27.571
6570.636	7635.161	4.258	5191.909	152.192
1.002	14.723			
8/13/2016 1:05:00 PM	227100.000	12.097	17.700	27.572
6569.510	7633.896	4.258	5191.049	152.218
1.002	14.721			
8/13/2016 1:10:00 PM	227400.000	12.099	17.701	27.577
6571.458	7636.042	4.259	5192.509	152.173
1.002	14.719			
8/13/2016 1:15:00 PM	227700.000	12.104	17.700	27.590
6570.960	7635.566	4.259	5192.186	152.185
1.002	14.717			
8/13/2016 1:20:00 PM	228000.000	12.105	17.700	27.591
6571.196	7635.898	4.259	5192.412	152.179
1.002	14.717			
8/13/2016 1:25:00 PM	228300.000	12.101	17.700	27.583
6570.976	7635.615	4.259	5192.218	152.184
1.002	14.717			
8/13/2016 1:30:00 PM	228600.000	12.103	17.700	27.587
6568.141	7632.378	4.257	5190.018	152.250
1.002	14.717			
8/13/2016 1:35:00 PM	228900.000	12.105	17.700	27.592
6551.872	7613.399	4.245	5177.112	152.628
1.002	14.716			
8/13/2016 1:40:00 PM	229200.000	12.108	17.700	27.598
6524.604	7581.640	4.227	5155.515	153.266
1.002	14.715			
8/13/2016 1:45:00 PM	229500.000	12.110	17.701	27.602
6511.809	7566.759	4.218	5145.396	153.567
1.002	14.714			
8/13/2016 1:50:00 PM	229800.000	12.109	17.700	27.600
6509.580	7564.212	4.216	5143.665	153.620
1.002	14.714			
8/13/2016 1:55:00 PM	230100.000	12.105	17.700	27.591
6507.542	7561.815	4.215	5142.035	153.668
1.002	14.715			
8/13/2016 2:00:00 PM	230400.000	12.107	17.700	27.595
6511.230	7566.146	4.217	5144.979	153.581
1.002	14.716			
8/13/2016 2:05:00 PM	230700.000	12.099	17.700	27.578
6512.893	7568.077	4.218	5146.292	153.542
1.002	14.716			
8/13/2016 2:10:00 PM	231000.000	12.104	17.700	27.590
6503.921	7557.666	4.212	5139.213	153.753
1.002	14.717			
8/13/2016 2:15:00 PM	231300.000	12.103	17.701	27.587
6485.745	7536.427	4.200	5124.771	154.184
1.002	14.718			

8/13/2016 2:20:00 PM	231600.000	12.102	17.701	27.584
6465.024	7512.366	4.185	5108.409	154.678
1.002	14.717			
8/13/2016 2:25:00 PM	231900.000	12.102	17.701	27.583
6443.834	7487.758	4.171	5091.676	155.187
1.002	14.717			
8/13/2016 2:30:00 PM	232200.000	12.099	17.701	27.578
6424.739	7465.496	4.157	5076.538	155.648
1.002	14.717			
8/13/2016 2:35:00 PM	232500.000	12.098	17.701	27.574
6407.925	7446.045	4.146	5063.311	156.057
1.002	14.716			
8/13/2016 2:40:00 PM	232800.000	12.103	17.701	27.586
6391.938	7427.425	4.135	5050.649	156.447
1.002	14.715			
8/13/2016 2:45:00 PM	233100.000	12.108	17.701	27.597
6381.987	7415.819	4.128	5042.757	156.691
1.002	14.714			
8/13/2016 2:50:00 PM	233400.000	12.103	17.701	27.587
6382.316	7416.259	4.128	5043.057	156.683
1.002	14.713			
8/13/2016 2:55:00 PM	233700.000	12.108	17.701	27.597
6388.683	7423.685	4.132	5048.106	156.527
1.002	14.712			
8/13/2016 3:00:00 PM	234000.000	12.110	17.700	27.603
6400.243	7437.161	4.140	5057.270	156.244
1.002	14.711			
8/13/2016 3:05:00 PM	234300.000	12.107	17.701	27.596
6411.967	7450.741	4.148	5066.504	155.958
1.002	14.712			
8/13/2016 3:10:00 PM	234600.000	12.106	17.700	27.593
6425.238	7466.177	4.158	5077.000	155.636
1.002	14.713			
8/13/2016 3:15:00 PM	234900.000	12.105	17.701	27.591
6433.874	7476.153	4.164	5083.785	155.427
1.002	14.713			
8/13/2016 3:20:00 PM	235200.000	12.105	17.701	27.591
6442.873	7486.610	4.170	5090.895	155.210
1.002	14.712			
8/13/2016 3:25:00 PM	235500.000	12.102	17.700	27.585
6450.869	7496.032	4.175	5097.302	155.018
1.002	14.711			
8/13/2016 3:30:00 PM	235800.000	12.108	17.701	27.597
6458.909	7505.259	4.181	5103.576	154.825
1.002	14.710			
8/13/2016 3:35:00 PM	236100.000	12.107	17.701	27.595
6469.492	7517.585	4.188	5111.958	154.572
1.002	14.709			
8/13/2016 3:40:00 PM	236400.000	12.109	17.700	27.600
6473.822	7522.690	4.191	5115.430	154.468
1.002	14.707			
8/13/2016 3:45:00 PM	236700.000	12.109	17.700	27.600
6480.451	7530.364	4.196	5120.648	154.310
1.002	14.706			
8/13/2016 3:50:00 PM	237000.000	12.108	17.700	27.598
6486.760	7537.711	4.200	5125.644	154.160
1.002	14.706			
8/13/2016 3:55:00 PM	237300.000	12.107	17.700	27.597

6490.550	7542.099	4.203	5128.628	154.070
1.002	14.706			
8/13/2016 4:00:00 PM	237600.000	12.103	17.700	27.588
6498.372	7551.203	4.208	5134.818	153.885
1.002	14.706			
8/13/2016 4:05:00 PM	237900.000	12.108	17.700	27.599
6501.859	7555.241	4.211	5137.564	153.802
1.002	14.705			
8/13/2016 4:10:00 PM	238200.000	12.109	17.700	27.600
6504.468	7558.331	4.213	5139.665	153.740
1.002	14.704			
8/13/2016 4:15:00 PM	238500.000	12.110	17.700	27.602
6508.260	7562.752	4.215	5142.671	153.651
1.002	14.703			
8/13/2016 4:20:00 PM	238800.000	12.106	17.701	27.594
6512.292	7567.307	4.218	5145.769	153.556
1.002	14.701			
8/13/2016 4:25:00 PM	239100.000	12.110	17.700	27.603
6514.744	7570.300	4.220	5147.804	153.498
1.002	14.700			
8/13/2016 4:30:00 PM	239400.000	12.112	17.700	27.607
6515.828	7571.560	4.220	5148.661	153.472
1.002	14.699			
8/13/2016 4:35:00 PM	239700.000	12.112	17.700	27.607
6519.793	7576.081	4.223	5151.735	153.379
1.002	14.698			
8/13/2016 4:40:00 PM	240000.000	12.112	17.700	27.607
6522.952	7579.766	4.225	5154.241	153.305
1.002	14.697			
8/13/2016 4:45:00 PM	240300.000	12.114	17.700	27.611
6526.207	7583.520	4.228	5156.793	153.228
1.002	14.697			
8/13/2016 4:50:00 PM	240600.000	12.109	17.700	27.599
6528.022	7585.643	4.229	5158.237	153.186
1.002	14.697			
8/13/2016 4:55:00 PM	240900.000	12.108	17.700	27.597
6530.506	7588.588	4.231	5160.240	153.127
1.002	14.697			
8/13/2016 5:00:00 PM	241200.000	12.112	17.700	27.606
6530.345	7588.458	4.231	5160.151	153.131
1.002	14.697			
8/13/2016 5:05:00 PM	241500.000	12.111	17.701	27.605
6530.979	7589.034	4.231	5160.544	153.116
1.002	14.696			
8/13/2016 5:10:00 PM	241800.000	12.112	17.700	27.608
6534.617	7593.410	4.234	5163.519	153.031
1.002	14.695			
8/13/2016 5:15:00 PM	242100.000	12.112	17.700	27.607
6534.741	7593.554	4.234	5163.617	153.028
1.002	14.694			
8/13/2016 5:20:00 PM	242400.000	12.112	17.700	27.607
6534.741	7593.493	4.234	5163.576	153.028
1.002	14.694			
8/13/2016 5:25:00 PM	242700.000	12.111	17.700	27.605
6538.831	7598.218	4.236	5166.788	152.933
1.002	14.694			
8/13/2016 5:30:00 PM	243000.000	12.110	17.700	27.602
6540.013	7599.681	4.237	5167.783	152.905

1.002	14.695			
8/13/2016 5:35:00 PM	243300.000	12.108	17.700	27.598
6539.329	7598.811	4.237	5167.191	152.921
1.002	14.693			
8/13/2016 5:40:00 PM	243600.000	12.108	17.700	27.598
6541.508	7601.401	4.238	5168.953	152.870
1.002	14.692			
8/13/2016 5:45:00 PM	243900.000	12.114	17.700	27.610
6542.456	7602.487	4.239	5169.691	152.848
1.002	14.690			
8/13/2016 5:50:00 PM	244200.000	12.114	17.700	27.612
6544.332	7604.595	4.240	5171.125	152.804
1.002	14.690			
8/13/2016 5:55:00 PM	244500.000	12.111	17.700	27.605
6544.043	7604.229	4.240	5170.876	152.811
1.002	14.689			
8/13/2016 6:00:00 PM	244800.000	12.111	17.700	27.604
6544.309	7604.598	4.240	5171.127	152.805
1.002	14.689			
8/13/2016 6:05:00 PM	245100.000	12.113	17.700	27.610
6546.385	7607.098	4.242	5172.827	152.756
1.002	14.689			
8/13/2016 6:10:00 PM	245400.000	12.110	17.700	27.603
6545.526	7605.982	4.241	5172.068	152.776
1.002	14.689			
8/13/2016 6:15:00 PM	245700.000	12.110	17.700	27.603
6545.729	7606.335	4.241	5172.308	152.771
1.002	14.689			
8/13/2016 6:20:00 PM	246000.000	12.113	17.700	27.610
6544.750	7605.167	4.241	5171.515	152.794
1.002	14.689			
8/13/2016 6:25:00 PM	246300.000	12.108	17.700	27.599
6546.900	7607.638	4.242	5173.194	152.744
1.002	14.689			
8/13/2016 6:30:00 PM	246600.000	12.114	17.700	27.611
6549.210	7610.306	4.244	5175.009	152.690
1.002	14.689			
8/13/2016 6:35:00 PM	246900.000	12.113	17.700	27.609
6546.275	7606.882	4.242	5172.680	152.759
1.002	14.689			
8/13/2016 6:40:00 PM	247200.000	12.112	17.700	27.607
6549.750	7610.906	4.244	5175.417	152.678
1.002	14.690			
8/13/2016 6:45:00 PM	247500.000	12.109	17.700	27.601
6547.629	7608.500	4.243	5173.780	152.727
1.002	14.690			
8/13/2016 6:50:00 PM	247800.000	12.113	17.701	27.609
6548.449	7609.335	4.243	5174.348	152.708
1.002	14.691			
8/13/2016 6:55:00 PM	248100.000	12.111	17.700	27.605
6548.757	7609.724	4.243	5174.612	152.701
1.002	14.692			
8/13/2016 7:00:00 PM	248400.000	12.110	17.700	27.602
6549.361	7610.482	4.244	5175.128	152.687
1.002	14.693			
8/13/2016 7:05:00 PM	248700.000	12.109	17.700	27.601
6547.716	7608.556	4.243	5173.818	152.725
1.002	14.694			

8/13/2016 7:10:00 PM	249000.000	12.109	17.700	27.600
6549.899	7611.051	4.244	5175.515	152.674
1.002	14.694			
8/13/2016 7:15:00 PM	249300.000	12.110	17.700	27.602
6550.420	7611.787	4.244	5176.015	152.662
1.002	14.695			
8/13/2016 7:20:00 PM	249600.000	12.110	17.700	27.603
6548.795	7609.868	4.243	5174.711	152.700
1.002	14.693			
8/13/2016 7:25:00 PM	249900.000	12.107	17.701	27.596
6550.954	7612.245	4.245	5176.327	152.650
1.002	14.692			
8/13/2016 7:30:00 PM	250200.000	12.111	17.700	27.604
6551.398	7612.806	4.245	5176.708	152.639
1.002	14.690			
8/13/2016 7:35:00 PM	250500.000	12.115	17.700	27.615
6550.469	7611.742	4.244	5175.984	152.661
1.002	14.689			
8/13/2016 7:40:00 PM	250800.000	12.116	17.700	27.617
6550.529	7611.839	4.245	5176.051	152.659
1.002	14.688			
8/13/2016 7:45:00 PM	251100.000	12.114	17.700	27.611
6551.832	7613.339	4.245	5177.071	152.629
1.002	14.687			
8/13/2016 7:50:00 PM	251400.000	12.113	17.700	27.609
6553.298	7615.146	4.247	5178.299	152.595
1.002	14.688			
8/13/2016 7:55:00 PM	251700.000	12.118	17.700	27.620
6550.724	7612.095	4.245	5176.225	152.655
1.002	14.688			
8/13/2016 8:00:00 PM	252000.000	12.115	17.701	27.613
6552.899	7614.505	4.246	5177.864	152.604
1.002	14.688			
8/13/2016 8:05:00 PM	252300.000	12.119	17.700	27.623
6552.975	7614.681	4.246	5177.983	152.602
1.002	14.687			
8/13/2016 8:10:00 PM	252600.000	12.116	17.700	27.615
6551.354	7612.770	4.245	5176.684	152.640
1.002	14.687			
8/13/2016 8:15:00 PM	252900.000	12.118	17.700	27.621
6550.673	7612.068	4.245	5176.206	152.656
1.002	14.686			
8/13/2016 8:20:00 PM	253200.000	12.122	17.700	27.629
6552.400	7613.986	4.246	5177.510	152.616
1.002	14.687			
8/13/2016 8:25:00 PM	253500.000	12.116	17.700	27.616
6554.118	7615.936	4.247	5178.837	152.576
1.002	14.687			
8/13/2016 8:30:00 PM	253800.000	12.121	17.700	27.626
6553.380	7615.124	4.246	5178.285	152.593
1.002	14.688			
8/13/2016 8:35:00 PM	254100.000	12.121	17.700	27.628
6551.221	7612.615	4.245	5176.579	152.643
1.002	14.689			
8/13/2016 8:40:00 PM	254400.000	12.115	17.700	27.614
6553.234	7614.982	4.246	5178.188	152.596
1.002	14.690			
8/13/2016 8:45:00 PM	254700.000	12.115	17.700	27.613

6551.632	7613.107	4.245	5176.913	152.634
1.002	14.692			
8/13/2016 8:50:00 PM	255000.000	12.115	17.700	27.615
6552.400	7614.029	4.246	5177.541	152.616
1.002	14.692			
8/13/2016 8:55:00 PM	255300.000	12.120	17.700	27.624
6552.636	7614.332	4.246	5177.746	152.610
1.002	14.691			
8/13/2016 9:00:00 PM	255600.000	12.119	17.700	27.623
6551.381	7612.830	4.245	5176.725	152.640
1.002	14.691			
8/13/2016 9:05:00 PM	255900.000	12.115	17.700	27.613
6552.498	7614.113	4.246	5177.598	152.614
1.002	14.692			
8/13/2016 9:10:00 PM	256200.000	12.116	17.700	27.616
6551.277	7612.725	4.245	5176.653	152.642
1.002	14.693			
8/13/2016 9:15:00 PM	256500.000	12.121	17.700	27.627
6551.695	7613.255	4.245	5177.013	152.632
1.002	14.693			
8/13/2016 9:20:00 PM	256800.000	12.121	17.700	27.627
6550.786	7612.124	4.245	5176.244	152.653
1.002	14.693			
8/13/2016 9:25:00 PM	257100.000	12.123	17.700	27.632
6549.784	7610.945	4.244	5175.443	152.677
1.002	14.693			
8/13/2016 9:30:00 PM	257400.000	12.122	17.700	27.631
6549.901	7611.110	4.244	5175.555	152.674
1.002	14.693			
8/13/2016 9:35:00 PM	257700.000	12.122	17.700	27.629
6550.405	7611.667	4.244	5175.934	152.662
1.002	14.693			
8/13/2016 9:40:00 PM	258000.000	12.123	17.700	27.632
6549.609	7610.786	4.244	5175.335	152.681
1.002	14.692			
8/13/2016 9:45:00 PM	258300.000	12.124	17.700	27.635
6550.111	7611.384	4.244	5175.742	152.669
1.002	14.692			
8/13/2016 9:50:00 PM	258600.000	12.122	17.700	27.629
6551.192	7612.553	4.245	5176.537	152.644
1.002	14.693			
8/13/2016 9:55:00 PM	258900.000	12.122	17.700	27.630
6551.936	7613.430	4.245	5177.133	152.627
1.002	14.695			
8/13/2016 10:00:00 PM	259200.000	12.120	17.700	27.626
6549.173	7610.236	4.244	5174.960	152.691
1.002	14.696			
8/13/2016 10:05:00 PM	259500.000	12.117	17.700	27.619
6549.241	7610.343	4.244	5175.034	152.689
1.002	14.697			
8/13/2016 10:10:00 PM	259800.000	12.120	17.700	27.624
6550.382	7611.641	4.244	5175.916	152.663
1.002	14.697			
8/13/2016 10:15:00 PM	260100.000	12.120	17.700	27.625
6549.947	7611.089	4.244	5175.542	152.673
1.002	14.697			
8/13/2016 10:20:00 PM	260400.000	12.119	17.700	27.623
6549.175	7610.209	4.244	5174.942	152.691

1.002	14.697			
8/13/2016 10:25:00 PM	260700.000	12.116	17.701	27.615
6548.039	7608.828	4.243	5174.003	152.717
1.002	14.697			
8/13/2016 10:30:00 PM	261000.000	12.120	17.700	27.626
6548.256	7609.228	4.243	5174.275	152.712
1.002	14.698			
8/13/2016 10:35:00 PM	261300.000	12.116	17.700	27.617
6548.112	7609.017	4.243	5174.132	152.716
1.002	14.697			
8/13/2016 10:40:00 PM	261600.000	12.119	17.700	27.623
6549.634	7610.726	4.244	5175.294	152.680
1.002	14.697			
8/13/2016 10:45:00 PM	261900.000	12.121	17.700	27.628
6548.254	7609.153	4.243	5174.225	152.712
1.002	14.697			
8/13/2016 10:50:00 PM	262200.000	12.122	17.700	27.629
6550.594	7611.945	4.245	5176.123	152.658
1.002	14.696			
8/13/2016 10:55:00 PM	262500.000	12.122	17.700	27.630
6548.879	7609.879	4.243	5174.718	152.698
1.002	14.695			
8/13/2016 11:00:00 PM	262800.000	12.123	17.701	27.632
6548.038	7608.857	4.243	5174.023	152.717
1.002	14.695			
8/13/2016 11:05:00 PM	263100.000	12.121	17.701	27.628
6549.692	7610.779	4.244	5175.330	152.679
1.002	14.695			
8/13/2016 11:10:00 PM	263400.000	12.120	17.700	27.625
6548.948	7610.018	4.243	5174.813	152.696
1.002	14.696			
8/13/2016 11:15:00 PM	263700.000	12.121	17.700	27.627
6549.546	7610.668	4.244	5175.255	152.682
1.002	14.697			
8/13/2016 11:20:00 PM	264000.000	12.122	17.700	27.629
6549.581	7610.664	4.244	5175.251	152.682
1.002	14.696			
8/13/2016 11:25:00 PM	264300.000	12.123	17.700	27.631
6550.542	7611.797	4.245	5176.022	152.659
1.002	14.694			
8/13/2016 11:30:00 PM	264600.000	12.125	17.700	27.637
6548.924	7609.931	4.243	5174.754	152.697
1.002	14.693			
8/13/2016 11:35:00 PM	264900.000	12.125	17.700	27.637
6550.721	7612.136	4.245	5176.253	152.655
1.002	14.692			
8/13/2016 11:40:00 PM	265200.000	12.125	17.700	27.636
6549.208	7610.378	4.244	5175.058	152.690
1.002	14.692			
8/13/2016 11:45:00 PM	265500.000	12.125	17.700	27.636
6548.786	7609.757	4.243	5174.635	152.700
1.002	14.692			
8/13/2016 11:50:00 PM	265800.000	12.125	17.700	27.636
6550.869	7612.161	4.245	5176.270	152.652
1.002	14.693			
8/13/2016 11:55:00 PM	266100.000	12.120	17.700	27.625
6550.158	7611.394	4.244	5175.749	152.668
1.002	14.693			

8/14/2016 12:00:00 AM	266400.000	12.123	17.700	27.632
6548.724	7609.698	4.243	5174.595	152.702
1.002	14.694			
8/14/2016 12:05:00 AM	266700.000	12.124	17.700	27.635
6548.677	7609.659	4.243	5174.568	152.703
1.002	14.694			
8/14/2016 12:10:00 AM	267000.000	12.126	17.700	27.638
6547.755	7608.660	4.243	5173.890	152.724
1.002	14.693			
8/14/2016 12:15:00 AM	267300.000	12.125	17.700	27.637
6548.740	7609.732	4.243	5174.618	152.701
1.002	14.693			
8/14/2016 12:20:00 AM	267600.000	12.126	17.700	27.639
6548.366	7609.386	4.243	5174.383	152.710
1.002	14.692			
8/14/2016 12:25:00 AM	267900.000	12.121	17.700	27.627
6548.567	7609.531	4.243	5174.482	152.705
1.002	14.692			
8/14/2016 12:30:00 AM	268200.000	12.126	17.700	27.638
6549.167	7610.229	4.244	5174.956	152.691
1.002	14.692			
8/14/2016 12:35:00 AM	268500.000	12.126	17.700	27.638
6549.001	7609.991	4.243	5174.794	152.695
1.002	14.691			
8/14/2016 12:40:00 AM	268800.000	12.127	17.700	27.640
6549.466	7610.590	4.244	5175.201	152.684
1.002	14.691			
8/14/2016 12:45:00 AM	269100.000	12.123	17.700	27.631
6548.640	7609.644	4.243	5174.558	152.703
1.002	14.690			
8/14/2016 12:50:00 AM	269400.000	12.125	17.700	27.636
6548.763	7609.773	4.243	5174.646	152.701
1.002	14.692			
8/14/2016 12:55:00 AM	269700.000	12.124	17.700	27.635
6548.972	7610.016	4.243	5174.811	152.696
1.002	14.693			
8/14/2016 1:00:00 AM	270000.000	12.122	17.700	27.631
6550.252	7611.518	4.244	5175.832	152.666
1.002	14.694			
8/14/2016 1:05:00 AM	270300.000	12.124	17.700	27.635
6549.538	7610.645	4.244	5175.239	152.683
1.002	14.693			
8/14/2016 1:10:00 AM	270600.000	12.124	17.701	27.635
6547.905	7608.702	4.243	5173.918	152.721
1.002	14.691			
8/14/2016 1:15:00 AM	270900.000	12.122	17.700	27.629
6549.840	7611.025	4.244	5175.498	152.675
1.002	14.690			
8/14/2016 1:20:00 AM	271200.000	12.125	17.700	27.637
6549.605	7610.709	4.244	5175.283	152.681
1.002	14.690			
8/14/2016 1:25:00 AM	271500.000	12.121	17.700	27.627
6548.755	7609.705	4.243	5174.599	152.701
1.002	14.690			
8/14/2016 1:30:00 AM	271800.000	12.126	17.701	27.640
6548.955	7609.922	4.243	5174.748	152.696
1.002	14.689			
8/14/2016 1:35:00 AM	272100.000	12.121	17.701	27.627

6548.675	7609.597	4.243	5174.526	152.703
1.002	14.690			
8/14/2016 1:40:00 AM	272400.000	12.124	17.700	27.634
6548.569	7609.547	4.243	5174.492	152.705
1.002	14.691			
8/14/2016 1:45:00 AM	272700.000	12.118	17.700	27.621
6549.173	7610.279	4.244	5174.990	152.691
1.002	14.691			
8/14/2016 1:50:00 AM	273000.000	12.124	17.701	27.635
6549.858	7610.942	4.244	5175.441	152.675
1.002	14.690			
8/14/2016 1:55:00 AM	273300.000	12.124	17.700	27.634
6549.226	7610.325	4.244	5175.021	152.690
1.002	14.689			
8/14/2016 2:00:00 AM	273600.000	12.124	17.700	27.635
6551.161	7612.530	4.245	5176.521	152.645
1.002	14.688			
8/14/2016 2:05:00 AM	273900.000	12.124	17.700	27.635
6550.792	7612.145	4.245	5176.259	152.653
1.002	14.688			
8/14/2016 2:10:00 AM	274200.000	12.124	17.700	27.635
6550.034	7611.293	4.244	5175.680	152.671
1.002	14.687			
8/14/2016 2:15:00 AM	274500.000	12.124	17.700	27.635
6550.641	7612.014	4.245	5176.170	152.657
1.002	14.687			
8/14/2016 2:20:00 AM	274800.000	12.119	17.700	27.624
6551.705	7613.191	4.245	5176.971	152.632
1.002	14.687			
8/14/2016 2:25:00 AM	275100.000	12.125	17.700	27.637
6549.631	7610.840	4.244	5175.371	152.680
1.002	14.686			
8/14/2016 2:30:00 AM	275400.000	12.125	17.700	27.637
6551.065	7612.492	4.245	5176.495	152.647
1.002	14.686			
8/14/2016 2:35:00 AM	275700.000	12.126	17.700	27.640
6552.577	7614.235	4.246	5177.680	152.612
1.002	14.685			
8/14/2016 2:40:00 AM	276000.000	12.122	17.700	27.629
6550.082	7611.319	4.244	5175.697	152.670
1.002	14.684			
8/14/2016 2:45:00 AM	276300.000	12.129	17.700	27.645
6552.715	7614.336	4.246	5177.749	152.609
1.002	14.683			
8/14/2016 2:50:00 AM	276600.000	12.128	17.700	27.644
6551.477	7612.897	4.245	5176.771	152.637
1.002	14.682			
8/14/2016 2:55:00 AM	276900.000	12.125	17.700	27.636
6551.004	7612.378	4.245	5176.417	152.648
1.002	14.680			
8/14/2016 3:00:00 AM	277200.000	12.131	17.701	27.651
6551.387	7612.719	4.245	5176.649	152.639
1.002	14.679			
8/14/2016 3:05:00 AM	277500.000	12.132	17.700	27.653
6551.678	7613.101	4.245	5176.909	152.633
1.002	14.678			
8/14/2016 3:10:00 AM	277800.000	12.129	17.700	27.645
6552.094	7613.615	4.246	5177.258	152.623

1.002	14.677			
8/14/2016 3:15:00 AM	278100.000	12.134	17.700	27.658
6550.232	7611.466	4.244	5175.797	152.666
1.002	14.676			
8/14/2016 3:20:00 AM	278400.000	12.132	17.700	27.652
6551.577	7613.073	4.245	5176.890	152.635
1.002	14.678			
8/14/2016 3:25:00 AM	278700.000	12.131	17.700	27.651
6550.992	7612.363	4.245	5176.407	152.649
1.002	14.679			
8/14/2016 3:30:00 AM	279000.000	12.124	17.700	27.634
6550.937	7612.239	4.245	5176.323	152.650
1.002	14.680			
8/14/2016 3:35:00 AM	279300.000	12.130	17.700	27.648
6552.155	7613.714	4.246	5177.326	152.622
1.002	14.680			
8/14/2016 3:40:00 AM	279600.000	12.132	17.700	27.652
6549.938	7611.079	4.244	5175.534	152.673
1.002	14.679			
8/14/2016 3:45:00 AM	279900.000	12.132	17.700	27.653
6553.015	7614.671	4.246	5177.977	152.602
1.002	14.678			
8/14/2016 3:50:00 AM	280200.000	12.133	17.700	27.654
6550.774	7612.068	4.245	5176.206	152.654
1.002	14.680			
8/14/2016 3:55:00 AM	280500.000	12.126	17.700	27.638
6550.800	7612.140	4.245	5176.256	152.653
1.002	14.682			
8/14/2016 4:00:00 AM	280800.000	12.127	17.700	27.641
6549.488	7610.646	4.244	5175.239	152.684
1.002	14.684			
8/14/2016 4:05:00 AM	281100.000	12.130	17.700	27.648
6551.005	7612.364	4.245	5176.408	152.648
1.002	14.684			
8/14/2016 4:10:00 AM	281400.000	12.131	17.700	27.649
6550.458	7611.713	4.244	5175.966	152.661
1.002	14.684			
8/14/2016 4:15:00 AM	281700.000	12.126	17.700	27.639
6549.542	7610.737	4.244	5175.302	152.682
1.002	14.684			
8/14/2016 4:20:00 AM	282000.000	12.129	17.700	27.647
6550.205	7611.389	4.244	5175.745	152.667
1.002	14.684			
8/14/2016 4:25:00 AM	282300.000	12.130	17.700	27.649
6549.681	7610.825	4.244	5175.362	152.679
1.002	14.684			
8/14/2016 4:30:00 AM	282600.000	12.130	17.700	27.648
6549.671	7610.858	4.244	5175.384	152.679
1.002	14.684			
8/14/2016 4:35:00 AM	282900.000	12.130	17.700	27.648
6549.245	7610.347	4.244	5175.037	152.689
1.002	14.684			
8/14/2016 4:40:00 AM	283200.000	12.128	17.700	27.643
6548.278	7609.167	4.243	5174.234	152.712
1.002	14.684			
8/14/2016 4:45:00 AM	283500.000	12.132	17.700	27.653
6548.411	7609.364	4.243	5174.368	152.709
1.002	14.683			

8/14/2016 4:50:00 AM	283800.000	12.128	17.701	27.644
6548.608	7609.505	4.243	5174.464	152.704
1.002	14.683			
8/14/2016 4:55:00 AM	284100.000	12.134	17.700	27.658
6548.768	7609.779	4.243	5174.650	152.700
1.002	14.682			
8/14/2016 5:00:00 AM	284400.000	12.136	17.701	27.663
6548.504	7609.385	4.243	5174.382	152.707
1.002	14.681			
8/14/2016 5:05:00 AM	284700.000	12.134	17.700	27.658
6547.173	7607.925	4.242	5173.390	152.738
1.002	14.683			
8/14/2016 5:10:00 AM	285000.000	12.133	17.700	27.656
6548.224	7609.190	4.243	5174.249	152.713
1.002	14.685			
8/14/2016 5:15:00 AM	285300.000	12.133	17.700	27.656
6547.209	7607.908	4.242	5173.377	152.737
1.002	14.687			
8/14/2016 5:20:00 AM	285600.000	12.134	17.700	27.657
6549.696	7610.815	4.244	5175.354	152.679
1.002	14.686			
8/14/2016 5:25:00 AM	285900.000	12.130	17.700	27.649
6547.687	7608.479	4.243	5173.766	152.726
1.002	14.686			
8/14/2016 5:30:00 AM	286200.000	12.129	17.701	27.646
6549.392	7610.417	4.244	5175.083	152.686
1.002	14.685			
8/14/2016 5:35:00 AM	286500.000	12.134	17.700	27.657
6547.202	7607.917	4.242	5173.384	152.737
1.002	14.687			
8/14/2016 5:40:00 AM	286800.000	12.127	17.700	27.642
6547.091	7607.830	4.242	5173.325	152.740
1.002	14.688			
8/14/2016 5:45:00 AM	287100.000	12.131	17.700	27.650
6547.691	7608.468	4.243	5173.758	152.726
1.002	14.689			
8/14/2016 5:50:00 AM	287400.000	12.128	17.700	27.642
6547.216	7607.917	4.242	5173.384	152.737
1.002	14.688			
8/14/2016 5:55:00 AM	287700.000	12.134	17.700	27.656
6548.137	7609.016	4.243	5174.131	152.715
1.002	14.688			
8/14/2016 6:00:00 AM	288000.000	12.134	17.700	27.658
6549.243	7610.289	4.244	5174.997	152.689
1.002	14.687			
8/14/2016 6:05:00 AM	288300.000	12.133	17.700	27.655
6549.270	7610.437	4.244	5175.098	152.689
1.002	14.690			
8/14/2016 6:10:00 AM	288600.000	12.131	17.700	27.650
6548.147	7609.015	4.243	5174.130	152.715
1.002	14.694			
8/14/2016 6:15:00 AM	288900.000	12.123	17.701	27.633
6546.965	7607.610	4.242	5173.175	152.743
1.002	14.697			
8/14/2016 6:20:00 AM	289200.000	12.130	17.700	27.648
6547.453	7608.191	4.242	5173.570	152.731
1.002	14.695			
8/14/2016 6:25:00 AM	289500.000	12.132	17.700	27.653

6548.646	7609.623	4.243	5174.544	152.703
1.002	14.694			
8/14/2016 6:30:00 AM	289800.000	12.129	17.700	27.646
6545.203	7605.594	4.241	5171.804	152.784
1.002	14.692			
8/14/2016 6:35:00 AM	290100.000	12.133	17.700	27.656
6545.707	7606.235	4.241	5172.240	152.772
1.002	14.692			
8/14/2016 6:40:00 AM	290400.000	12.131	17.700	27.650
6546.563	7607.157	4.242	5172.867	152.752
1.002	14.693			
8/14/2016 6:45:00 AM	290700.000	12.129	17.700	27.646
6546.016	7606.539	4.241	5172.447	152.765
1.002	14.693			
8/14/2016 6:50:00 AM	291000.000	12.129	17.700	27.646
6547.491	7608.309	4.242	5173.651	152.730
1.002	14.694			
8/14/2016 6:55:00 AM	291300.000	12.135	17.700	27.659
6546.098	7606.720	4.241	5172.570	152.763
1.002	14.695			
8/14/2016 7:00:00 AM	291600.000	12.135	17.700	27.659
6545.029	7605.392	4.241	5171.667	152.788
1.002	14.696			
8/14/2016 7:05:00 AM	291900.000	12.133	17.700	27.654
6543.886	7604.092	4.240	5170.783	152.814
1.002	14.697			
8/14/2016 7:10:00 AM	292200.000	12.132	17.700	27.651
6544.042	7604.245	4.240	5170.887	152.811
1.002	14.699			
8/14/2016 7:15:00 AM	292500.000	12.127	17.701	27.641
6545.533	7605.946	4.241	5172.043	152.776
1.002	14.700			
8/14/2016 7:20:00 AM	292800.000	12.130	17.700	27.648
6544.619	7604.915	4.240	5171.342	152.797
1.002	14.697			
8/14/2016 7:25:00 AM	293100.000	12.139	17.701	27.668
6545.686	7606.110	4.241	5172.155	152.772
1.002	14.693			
8/14/2016 7:30:00 AM	293400.000	12.139	17.700	27.670
6542.875	7602.974	4.239	5170.022	152.838
1.002	14.689			
8/14/2016 7:35:00 AM	293700.000	12.142	17.700	27.676
6544.509	7604.830	4.240	5171.285	152.800
1.002	14.692			
8/14/2016 7:40:00 AM	294000.000	12.139	17.700	27.668
6544.266	7604.605	4.240	5171.132	152.806
1.002	14.695			
8/14/2016 7:45:00 AM	294300.000	12.137	17.700	27.664
6543.437	7603.555	4.240	5170.418	152.825
1.002	14.697			
8/14/2016 7:50:00 AM	294600.000	12.139	17.700	27.668
6543.973	7604.192	4.240	5170.851	152.812
1.002	14.696			
8/14/2016 7:55:00 AM	294900.000	12.138	17.700	27.667
6543.175	7603.337	4.239	5170.270	152.831
1.002	14.696			
8/14/2016 8:00:00 AM	295200.000	12.139	17.700	27.669
6544.262	7604.514	4.240	5171.070	152.806

1.002	14.695			
8/14/2016 8:05:00 AM	295500.000	12.138	17.700	27.666
6541.110	7600.881	4.238	5168.599	152.879
1.002	14.697			
8/14/2016 8:10:00 AM	295800.000	12.137	17.701	27.665
6541.800	7601.595	4.238	5169.085	152.863
1.002	14.700			
8/14/2016 8:15:00 AM	296100.000	12.135	17.700	27.660
6541.277	7601.149	4.238	5168.782	152.875
1.002	14.702			
8/14/2016 8:20:00 AM	296400.000	12.135	17.700	27.660
6542.989	7603.077	4.239	5170.093	152.835
1.002	14.702			
8/14/2016 8:25:00 AM	296700.000	12.131	17.700	27.651
6539.592	7599.117	4.237	5167.400	152.915
1.002	14.702			
8/14/2016 8:30:00 AM	297000.000	12.132	17.701	27.652
6539.595	7599.017	4.237	5167.332	152.915
1.002	14.702			
8/14/2016 8:35:00 AM	297300.000	12.135	17.700	27.660
6540.441	7600.061	4.238	5168.041	152.895
1.002	14.703			
8/14/2016 8:40:00 AM	297600.000	12.131	17.701	27.651
6539.518	7598.957	4.237	5167.291	152.916
1.002	14.704			
8/14/2016 8:45:00 AM	297900.000	12.130	17.700	27.647
6541.940	7601.845	4.239	5169.255	152.860
1.002	14.704			
8/14/2016 8:50:00 AM	298200.000	12.130	17.700	27.649
6540.011	7599.632	4.237	5167.750	152.905
1.002	14.704			
8/14/2016 8:55:00 AM	298500.000	12.137	17.700	27.663
6540.485	7600.184	4.238	5168.125	152.894
1.002	14.704			
8/14/2016 9:00:00 AM	298800.000	12.136	17.700	27.662
6539.661	7599.196	4.237	5167.454	152.913
1.002	14.703			
8/14/2016 9:05:00 AM	299100.000	12.137	17.700	27.664
6540.461	7600.112	4.238	5168.077	152.894
1.002	14.703			
8/14/2016 9:10:00 AM	299400.000	12.139	17.700	27.668
6541.054	7600.785	4.238	5168.534	152.881
1.002	14.703			
8/14/2016 9:15:00 AM	299700.000	12.135	17.700	27.659
6540.284	7599.860	4.237	5167.905	152.899
1.002	14.703			
8/14/2016 9:20:00 AM	300000.000	12.140	17.700	27.670
6540.138	7599.708	4.237	5167.802	152.902
1.002	14.703			
8/14/2016 9:25:00 AM	300300.000	12.141	17.700	27.674
6539.883	7599.412	4.237	5167.600	152.908
1.002	14.702			
8/14/2016 9:30:00 AM	300600.000	12.143	17.700	27.677
6540.141	7599.694	4.237	5167.792	152.902
1.002	14.701			
8/14/2016 9:35:00 AM	300900.000	12.142	17.700	27.674
6540.468	7600.075	4.238	5168.052	152.894
1.002	14.703			

8/14/2016 9:40:00 AM	301200.000	12.140	17.700	27.670
6541.926	7601.858	4.239	5169.264	152.860
1.002	14.704			
8/14/2016 9:45:00 AM	301500.000	12.134	17.700	27.657
6540.757	7600.441	4.238	5168.300	152.887
1.002	14.705			
8/14/2016 9:50:00 AM	301800.000	12.134	17.701	27.656
6540.534	7600.124	4.238	5168.084	152.893
1.002	14.707			
8/14/2016 9:55:00 AM	302100.000	12.132	17.700	27.653
6540.952	7600.682	4.238	5168.464	152.883
1.002	14.709			
8/14/2016 10:00:00 AM	302400.000	12.134	17.700	27.656
6540.148	7599.762	4.237	5167.838	152.902
1.002	14.711			
8/14/2016 10:05:00 AM	302700.000	12.133	17.700	27.656
6542.507	7602.474	4.239	5169.683	152.847
1.002	14.711			
8/14/2016 10:10:00 AM	303000.000	12.135	17.701	27.659
6541.667	7601.439	4.238	5168.979	152.866
1.002	14.712			
8/14/2016 10:15:00 AM	303300.000	12.133	17.700	27.654
6540.864	7600.581	4.238	5168.395	152.885
1.002	14.712			
8/14/2016 10:20:00 AM	303600.000	12.137	17.699	27.664
6540.412	7600.186	4.238	5168.126	152.896
1.002	14.710			
8/14/2016 10:25:00 AM	303900.000	12.141	17.700	27.673
6541.837	7601.711	4.238	5169.164	152.862
1.002	14.707			
8/14/2016 10:30:00 AM	304200.000	12.141	17.700	27.673
6541.584	7601.445	4.238	5168.982	152.868
1.002	14.704			
8/14/2016 10:35:00 AM	304500.000	12.136	17.701	27.663
6541.553	7601.321	4.238	5168.898	152.869
1.002	14.706			
8/14/2016 10:40:00 AM	304800.000	12.137	17.700	27.665
6543.787	7604.035	4.240	5170.744	152.817
1.002	14.707			
8/14/2016 10:45:00 AM	305100.000	12.137	17.700	27.663
6544.327	7604.588	4.240	5171.120	152.804
1.002	14.709			
8/14/2016 10:50:00 AM	305400.000	12.137	17.701	27.663
6540.381	7599.946	4.237	5167.963	152.896
1.002	14.709			
8/14/2016 10:55:00 AM	305700.000	12.136	17.700	27.662
6543.216	7603.298	4.239	5170.243	152.830
1.002	14.708			
8/14/2016 11:00:00 AM	306000.000	12.133	17.701	27.655
6543.616	7603.673	4.240	5170.499	152.821
1.002	14.708			
8/14/2016 11:05:00 AM	306300.000	12.140	17.700	27.671
6542.592	7602.588	4.239	5169.760	152.845
1.002	14.707			
8/14/2016 11:10:00 AM	306600.000	12.137	17.700	27.664
6540.705	7600.395	4.238	5168.269	152.889
1.002	14.705			
8/14/2016 11:15:00 AM	306900.000	12.137	17.700	27.664

6541.380	7601.194	4.238	5168.813	152.873
1.002	14.704			
8/14/2016 11:20:00 AM	307200.000	12.141	17.701	27.674
6543.079	7603.050	4.239	5170.074	152.833
1.002	14.704			
8/14/2016 11:25:00 AM	307500.000	12.141	17.700	27.674
6540.715	7600.421	4.238	5168.286	152.888
1.002	14.703			
8/14/2016 11:30:00 AM	307800.000	12.138	17.700	27.667
6543.440	7603.573	4.240	5170.430	152.825
1.002	14.703			
8/14/2016 11:35:00 AM	308100.000	12.137	17.700	27.665
6541.878	7601.730	4.239	5169.177	152.861
1.002	14.703			
8/14/2016 11:40:00 AM	308400.000	12.142	17.700	27.676
6543.972	7604.176	4.240	5170.840	152.812
1.002	14.703			
8/14/2016 11:45:00 AM	308700.000	12.143	17.700	27.678
6542.303	7602.266	4.239	5169.542	152.851
1.002	14.703			
8/14/2016 11:50:00 AM	309000.000	12.141	17.700	27.674
6542.782	7602.780	4.239	5169.891	152.840
1.002	14.704			
8/14/2016 11:55:00 AM	309300.000	12.136	17.700	27.661
6541.564	7601.408	4.238	5168.958	152.869
1.002	14.705			
8/14/2016 12:00:00 PM	309600.000	12.134	17.701	27.656
6544.794	7605.028	4.240	5171.419	152.793
1.002	14.706			
8/14/2016 12:05:00 PM	309900.000	12.139	17.700	27.669
6542.741	7602.761	4.239	5169.877	152.841
1.002	14.705			
8/14/2016 12:10:00 PM	310200.000	12.139	17.700	27.669
6540.893	7600.585	4.238	5168.398	152.884
1.002	14.704			
8/14/2016 12:15:00 PM	310500.000	12.140	17.700	27.671
6540.394	7600.048	4.237	5168.033	152.896
1.002	14.703			
8/14/2016 12:20:00 PM	310800.000	12.140	17.700	27.671
6540.999	7600.780	4.238	5168.531	152.882
1.002	14.702			
8/14/2016 12:25:00 PM	311100.000	12.139	17.700	27.668
6541.871	7601.705	4.238	5169.160	152.861
1.002	14.701			
8/14/2016 12:30:00 PM	311400.000	12.145	17.700	27.682
6543.276	7603.455	4.240	5170.350	152.829
1.002	14.699			
8/14/2016 12:35:00 PM	311700.000	12.139	17.700	27.668
6542.898	7602.987	4.239	5170.032	152.837
1.002	14.701			
8/14/2016 12:40:00 PM	312000.000	12.141	17.700	27.673
6543.167	7603.210	4.239	5170.183	152.831
1.002	14.703			
8/14/2016 12:45:00 PM	312300.000	12.135	17.700	27.660
6542.492	7602.457	4.239	5169.671	152.847
1.002	14.704			
8/14/2016 12:50:00 PM	312600.000	12.136	17.701	27.662
6542.225	7602.088	4.239	5169.420	152.853

1.002	14.701			
8/14/2016 12:55:00 PM	312900.000	12.138	17.700	27.666
6541.731	7601.588	4.238	5169.080	152.865
1.002	14.698			
8/14/2016 1:00:00 PM	313200.000	12.145	17.700	27.683
6539.802	7599.390	4.237	5167.586	152.910
1.002	14.695			
8/14/2016 1:05:00 PM	313500.000	12.145	17.700	27.683
6541.529	7601.324	4.238	5168.900	152.869
1.002	14.697			
8/14/2016 1:10:00 PM	313800.000	12.143	17.700	27.678
6542.267	7602.195	4.239	5169.493	152.852
1.002	14.699			
8/14/2016 1:15:00 PM	314100.000	12.135	17.701	27.660
6541.931	7601.747	4.239	5169.188	152.860
1.002	14.701			
8/14/2016 1:20:00 PM	314400.000	12.141	17.700	27.673
6542.206	7602.167	4.239	5169.474	152.854
1.002	14.700			
8/14/2016 1:25:00 PM	314700.000	12.137	17.700	27.663
6540.803	7600.524	4.238	5168.357	152.886
1.002	14.699			
8/14/2016 1:30:00 PM	315000.000	12.142	17.700	27.675
6542.023	7601.882	4.239	5169.280	152.858
1.002	14.698			
8/14/2016 1:35:00 PM	315300.000	12.140	17.700	27.671
6541.977	7601.917	4.239	5169.304	152.859
1.002	14.701			
8/14/2016 1:40:00 PM	315600.000	12.134	17.700	27.656
6540.857	7600.557	4.238	5168.379	152.885
1.002	14.703			
8/14/2016 1:45:00 PM	315900.000	12.130	17.700	27.649
6540.876	7600.579	4.238	5168.394	152.885
1.002	14.705			
8/14/2016 1:50:00 PM	316200.000	12.137	17.700	27.664
6542.209	7602.115	4.239	5169.438	152.854
1.002	14.703			
8/14/2016 1:55:00 PM	316500.000	12.135	17.700	27.660
6542.853	7602.919	4.239	5169.986	152.839
1.002	14.701			
8/14/2016 2:00:00 PM	316800.000	12.142	17.700	27.676
6541.274	7601.012	4.238	5168.688	152.875
1.002	14.699			
8/14/2016 2:05:00 PM	317100.000	12.145	17.700	27.683
6543.043	7603.185	4.239	5170.167	152.834
1.002	14.696			
8/14/2016 2:10:00 PM	317400.000	12.142	17.700	27.675
6542.735	7602.726	4.239	5169.854	152.841
1.002	14.694			
8/14/2016 2:15:00 PM	317700.000	12.149	17.700	27.692
6544.837	7605.182	4.241	5171.523	152.792
1.002	14.691			
8/14/2016 2:20:00 PM	318000.000	12.143	17.701	27.678
6542.828	7602.803	4.239	5169.907	152.839
1.002	14.693			
8/14/2016 2:25:00 PM	318300.000	12.144	17.701	27.680
6544.406	7604.591	4.240	5171.123	152.802
1.002	14.695			

8/14/2016 2:30:00 PM	318600.000	12.136	17.700	27.661
6544.809	7605.266	4.241	5171.581	152.793
1.002	14.697			
8/14/2016 2:35:00 PM	318900.000	12.135	17.701	27.660
6546.400	7606.954	4.242	5172.729	152.756
1.002	14.697			
8/14/2016 2:40:00 PM	319200.000	12.137	17.700	27.663
6543.525	7603.645	4.240	5170.479	152.823
1.002	14.698			
8/14/2016 2:45:00 PM	319500.000	12.141	17.700	27.674
6542.714	7602.773	4.239	5169.887	152.842
1.002	14.698			
8/14/2016 2:50:00 PM	319800.000	12.143	17.701	27.679
6544.284	7604.495	4.240	5171.057	152.805
1.002	14.695			
8/14/2016 2:55:00 PM	320100.000	12.146	17.700	27.683
6545.220	7605.627	4.241	5171.826	152.783
1.002	14.693			
8/14/2016 3:00:00 PM	320400.000	12.146	17.700	27.684
6545.626	7606.098	4.241	5172.147	152.774
1.002	14.691			
8/14/2016 3:05:00 PM	320700.000	12.147	17.701	27.686
6545.245	7605.582	4.241	5171.796	152.783
1.002	14.691			
8/14/2016 3:10:00 PM	321000.000	12.146	17.700	27.685
6544.388	7604.630	4.240	5171.149	152.803
1.002	14.690			
8/14/2016 3:15:00 PM	321300.000	12.146	17.700	27.684
6543.302	7603.368	4.239	5170.291	152.828
1.002	14.690			
8/14/2016 3:20:00 PM	321600.000	12.144	17.700	27.680
6544.908	7605.264	4.241	5171.580	152.791
1.002	14.690			
8/14/2016 3:25:00 PM	321900.000	12.144	17.700	27.680
6544.960	7605.368	4.241	5171.650	152.789
1.002	14.691			
8/14/2016 3:30:00 PM	322200.000	12.143	17.700	27.678
6544.601	7604.894	4.240	5171.329	152.798
1.002	14.691			
8/14/2016 3:35:00 PM	322500.000	12.138	17.700	27.666
6544.689	7605.025	4.240	5171.417	152.796
1.002	14.691			
8/14/2016 3:40:00 PM	322800.000	12.142	17.700	27.675
6544.459	7604.772	4.240	5171.246	152.801
1.002	14.692			
8/14/2016 3:45:00 PM	323100.000	12.142	17.700	27.675
6546.785	7607.416	4.242	5173.043	152.747
1.002	14.692			
8/14/2016 3:50:00 PM	323400.000	12.145	17.700	27.681
6544.607	7604.973	4.240	5171.382	152.798
1.002	14.690			
8/14/2016 3:55:00 PM	323700.000	12.146	17.700	27.685
6545.158	7605.554	4.241	5171.777	152.785
1.002	14.688			
8/14/2016 4:00:00 PM	324000.000	12.149	17.700	27.692
6544.603	7604.896	4.240	5171.330	152.798
1.002	14.686			
8/14/2016 4:05:00 PM	324300.000	12.145	17.700	27.682

6545.716	7606.219	4.241	5172.229	152.772
1.002	14.688			
8/14/2016 4:10:00 PM	324600.000	12.141	17.700	27.674
6545.712	7606.228	4.241	5172.235	152.772
1.002	14.691			
8/14/2016 4:15:00 PM	324900.000	12.141	17.700	27.673
6545.249	7605.675	4.241	5171.860	152.783
1.002	14.693			
8/14/2016 4:20:00 PM	325200.000	12.144	17.700	27.679
6547.358	7608.170	4.242	5173.556	152.733
1.002	14.690			
8/14/2016 4:25:00 PM	325500.000	12.146	17.700	27.686
6545.736	7606.241	4.241	5172.245	152.771
1.002	14.686			
8/14/2016 4:30:00 PM	325800.000	12.149	17.700	27.690
6544.790	7605.214	4.241	5171.545	152.793
1.002	14.683			
8/14/2016 4:35:00 PM	326100.000	12.148	17.700	27.689
6546.213	7606.824	4.242	5172.640	152.760
1.002	14.683			
8/14/2016 4:40:00 PM	326400.000	12.149	17.700	27.691
6544.970	7605.366	4.241	5171.649	152.789
1.002	14.684			
8/14/2016 4:45:00 PM	326700.000	12.145	17.700	27.683
6546.579	7607.206	4.242	5172.900	152.752
1.002	14.685			
8/14/2016 4:50:00 PM	327000.000	12.146	17.700	27.685
6545.365	7605.795	4.241	5171.941	152.780
1.002	14.687			
8/14/2016 4:55:00 PM	327300.000	12.145	17.701	27.683
6546.209	7606.732	4.241	5172.578	152.760
1.002	14.689			
8/14/2016 5:00:00 PM	327600.000	12.142	17.701	27.676
6545.405	7605.783	4.241	5171.933	152.779
1.002	14.691			
8/14/2016 5:05:00 PM	327900.000	12.144	17.700	27.680
6546.354	7606.931	4.242	5172.714	152.757
1.002	14.690			
8/14/2016 5:10:00 PM	328200.000	12.143	17.700	27.678
6546.261	7606.836	4.242	5172.649	152.759
1.002	14.690			
8/14/2016 5:15:00 PM	328500.000	12.141	17.700	27.673
6545.755	7606.264	4.241	5172.259	152.771
1.002	14.689			
8/14/2016 5:20:00 PM	328800.000	12.147	17.701	27.686
6544.876	7605.183	4.241	5171.524	152.791
1.002	14.688			
8/14/2016 5:25:00 PM	329100.000	12.147	17.701	27.687
6544.711	7604.991	4.240	5171.394	152.795
1.002	14.687			
8/14/2016 5:30:00 PM	329400.000	12.145	17.701	27.682
6544.431	7604.652	4.240	5171.164	152.802
1.002	14.686			
8/14/2016 5:35:00 PM	329700.000	12.144	17.700	27.680
6544.852	7605.186	4.241	5171.526	152.792
1.002	14.686			
8/14/2016 5:40:00 PM	330000.000	12.149	17.700	27.692
6543.965	7604.156	4.240	5170.827	152.813

1.002	14.686			
8/14/2016 5:45:00 PM	330300.000	12.149	17.700	27.690
6544.478	7604.808	4.240	5171.270	152.801
1.002	14.686			
8/14/2016 5:50:00 PM	330600.000	12.145	17.701	27.683
6544.772	7605.063	4.240	5171.442	152.794
1.002	14.687			
8/14/2016 5:55:00 PM	330900.000	12.146	17.700	27.685
6543.392	7603.532	4.240	5170.402	152.826
1.002	14.688			
8/14/2016 6:00:00 PM	331200.000	12.147	17.701	27.686
6543.347	7603.406	4.240	5170.317	152.827
1.002	14.688			
8/14/2016 6:05:00 PM	331500.000	12.148	17.700	27.689
6543.350	7603.483	4.240	5170.369	152.827
1.002	14.688			
8/14/2016 6:10:00 PM	331800.000	12.146	17.700	27.684
6544.981	7605.336	4.241	5171.629	152.789
1.002	14.688			
8/14/2016 6:15:00 PM	332100.000	12.141	17.701	27.673
6542.977	7602.962	4.239	5170.015	152.836
1.002	14.688			
8/14/2016 6:20:00 PM	332400.000	12.148	17.700	27.689
6544.712	7605.037	4.240	5171.425	152.795
1.002	14.687			
8/14/2016 6:25:00 PM	332700.000	12.146	17.700	27.685
6543.927	7604.094	4.240	5170.785	152.813
1.002	14.685			
8/14/2016 6:30:00 PM	333000.000	12.150	17.700	27.694
6546.187	7606.838	4.242	5172.650	152.761
1.002	14.684			
8/14/2016 6:35:00 PM	333300.000	12.147	17.700	27.686
6543.142	7603.212	4.239	5170.184	152.832
1.002	14.684			
8/14/2016 6:40:00 PM	333600.000	12.151	17.700	27.695
6543.908	7604.145	4.240	5170.819	152.814
1.002	14.683			
8/14/2016 6:45:00 PM	333900.000	12.147	17.701	27.686
6543.744	7603.867	4.240	5170.630	152.818
1.002	14.683			
8/14/2016 6:50:00 PM	334200.000	12.151	17.700	27.697
6543.549	7603.744	4.240	5170.546	152.822
1.002	14.684			
8/14/2016 6:55:00 PM	334500.000	12.147	17.701	27.686
6543.627	7603.702	4.240	5170.518	152.820
1.002	14.684			
8/14/2016 7:00:00 PM	334800.000	12.151	17.700	27.695
6542.496	7602.476	4.239	5169.684	152.847
1.002	14.685			
8/14/2016 7:05:00 PM	335100.000	12.147	17.700	27.687
6542.771	7602.780	4.239	5169.891	152.840
1.002	14.685			
8/14/2016 7:10:00 PM	335400.000	12.146	17.700	27.685
6541.533	7601.358	4.238	5168.923	152.869
1.002	14.686			
8/14/2016 7:15:00 PM	335700.000	12.148	17.701	27.689
6541.656	7601.441	4.238	5168.980	152.866
1.002	14.687			

8/14/2016 7:20:00 PM	336000.000	12.145	17.700	27.681
6541.146	7600.863	4.238	5168.587	152.878
1.002	14.686			
8/14/2016 7:25:00 PM	336300.000	12.150	17.700	27.694
6542.475	7602.424	4.239	5169.648	152.847
1.002	14.686			
8/14/2016 7:30:00 PM	336600.000	12.145	17.700	27.683
6541.804	7601.687	4.238	5169.147	152.863
1.002	14.686			
8/14/2016 7:35:00 PM	336900.000	12.150	17.700	27.694
6540.563	7600.203	4.238	5168.138	152.892
1.002	14.686			
8/14/2016 7:40:00 PM	337200.000	12.152	17.700	27.697
6541.722	7601.548	4.238	5169.053	152.865
1.002	14.686			
8/14/2016 7:45:00 PM	337500.000	12.152	17.700	27.699
6538.854	7598.229	4.236	5166.796	152.932
1.002	14.686			
8/14/2016 7:50:00 PM	337800.000	12.150	17.700	27.693
6540.425	7600.055	4.238	5168.038	152.895
1.002	14.687			
8/14/2016 7:55:00 PM	338100.000	12.144	17.700	27.679
6539.439	7598.879	4.237	5167.239	152.918
1.002	14.688			
8/14/2016 8:00:00 PM	338400.000	12.146	17.700	27.684
6539.130	7598.521	4.237	5166.995	152.926
1.002	14.689			
8/14/2016 8:05:00 PM	338700.000	12.151	17.701	27.697
6540.320	7599.859	4.237	5167.904	152.898
1.002	14.689			
8/14/2016 8:10:00 PM	339000.000	12.152	17.700	27.697
6538.993	7598.361	4.236	5166.885	152.929
1.002	14.689			
8/14/2016 8:15:00 PM	339300.000	12.151	17.701	27.695
6536.554	7595.513	4.235	5164.949	152.986
1.002	14.688			
8/14/2016 8:20:00 PM	339600.000	12.149	17.701	27.692
6537.862	7597.019	4.236	5165.973	152.955
1.002	14.690			
8/14/2016 8:25:00 PM	339900.000	12.149	17.700	27.692
6536.299	7595.230	4.235	5164.757	152.992
1.002	14.692			
8/14/2016 8:30:00 PM	340200.000	12.143	17.700	27.678
6537.274	7596.437	4.235	5165.578	152.969
1.002	14.694			
8/14/2016 8:35:00 PM	340500.000	12.145	17.700	27.682
6537.018	7596.154	4.235	5165.385	152.975
1.002	14.693			
8/14/2016 8:40:00 PM	340800.000	12.151	17.700	27.695
6537.013	7596.090	4.235	5165.341	152.975
1.002	14.692			
8/14/2016 8:45:00 PM	341100.000	12.152	17.701	27.698
6536.940	7595.947	4.235	5165.245	152.977
1.002	14.690			
8/14/2016 8:50:00 PM	341400.000	12.150	17.700	27.694
6535.728	7594.567	4.234	5164.306	153.005
1.002	14.693			
8/14/2016 8:55:00 PM	341700.000	12.147	17.700	27.688

6535.483	7594.327	4.234	5164.143	153.011
1.002	14.697			
8/14/2016 9:00:00 PM	342000.000	12.145	17.701	27.682
6533.321	7591.742	4.233	5162.385	153.062
1.002	14.700			
8/14/2016 9:05:00 PM	342300.000	12.149	17.700	27.691
6535.048	7593.924	4.234	5163.869	153.021
1.002	14.699			
8/14/2016 9:10:00 PM	342600.000	12.151	17.700	27.695
6536.666	7595.657	4.235	5165.047	152.983
1.002	14.698			
8/14/2016 9:15:00 PM	342900.000	12.151	17.700	27.697
6535.815	7594.728	4.234	5164.416	153.003
1.002	14.696			
8/14/2016 9:20:00 PM	343200.000	12.152	17.701	27.699
6534.518	7593.117	4.233	5163.320	153.033
1.002	14.697			
8/14/2016 9:25:00 PM	343500.000	12.151	17.700	27.696
6533.705	7592.246	4.233	5162.728	153.053
1.002	14.698			
8/14/2016 9:30:00 PM	343800.000	12.151	17.700	27.696
6532.838	7591.208	4.232	5162.022	153.073
1.002	14.698			
8/14/2016 9:35:00 PM	344100.000	12.151	17.701	27.696
6532.878	7591.212	4.232	5162.024	153.072
1.002	14.698			
8/14/2016 9:40:00 PM	344400.000	12.150	17.700	27.694
6534.117	7592.798	4.233	5163.103	153.043
1.002	14.698			
8/14/2016 9:45:00 PM	344700.000	12.152	17.700	27.698
6533.174	7591.629	4.232	5162.308	153.065
1.002	14.698			
8/14/2016 9:50:00 PM	345000.000	12.153	17.701	27.700
6533.333	7591.770	4.233	5162.404	153.061
1.002	14.698			
8/14/2016 9:55:00 PM	345300.000	12.153	17.700	27.700
6532.887	7591.266	4.232	5162.061	153.072
1.002	14.699			
8/14/2016 10:00:00 PM	345600.000	12.151	17.700	27.697
6532.425	7590.729	4.232	5161.696	153.083
1.002	14.699			
8/14/2016 10:05:00 PM	345900.000	12.152	17.700	27.698
6531.072	7589.186	4.231	5160.647	153.114
1.002	14.699			
8/14/2016 10:10:00 PM	346200.000	12.153	17.701	27.700
6531.479	7589.615	4.231	5160.939	153.105
1.002	14.699			
8/14/2016 10:15:00 PM	346500.000	12.154	17.700	27.703
6531.236	7589.437	4.231	5160.817	153.110
1.002	14.698			
8/14/2016 10:20:00 PM	346800.000	12.153	17.701	27.699
6532.813	7591.151	4.232	5161.983	153.073
1.002	14.699			
8/14/2016 10:25:00 PM	347100.000	12.149	17.700	27.690
6532.845	7591.216	4.232	5162.027	153.073
1.002	14.699			
8/14/2016 10:30:00 PM	347400.000	12.153	17.701	27.701
6530.326	7588.275	4.230	5160.027	153.132

1.002	14.700			
8/14/2016 10:35:00 PM	347700.000	12.153	17.700	27.701
6531.309	7589.521	4.231	5160.875	153.109
1.002	14.700			
8/14/2016 10:40:00 PM	348000.000	12.148	17.700	27.689
6530.456	7588.458	4.231	5160.151	153.129
1.002	14.700			
8/14/2016 10:45:00 PM	348300.000	12.153	17.700	27.701
6529.739	7587.652	4.230	5159.604	153.145
1.002	14.700			
8/14/2016 10:50:00 PM	348600.000	12.150	17.701	27.693
6528.943	7586.640	4.229	5158.916	153.164
1.002	14.701			
8/14/2016 10:55:00 PM	348900.000	12.155	17.700	27.704
6530.054	7587.973	4.230	5159.822	153.138
1.002	14.701			
8/14/2016 11:00:00 PM	349200.000	12.155	17.701	27.704
6528.385	7586.007	4.229	5158.485	153.177
1.002	14.701			
8/14/2016 11:05:00 PM	349500.000	12.154	17.700	27.702
6527.503	7585.082	4.229	5157.856	153.198
1.002	14.701			
8/14/2016 11:10:00 PM	349800.000	12.156	17.700	27.707
6529.269	7587.091	4.230	5159.223	153.156
1.002	14.700			
8/14/2016 11:15:00 PM	350100.000	12.151	17.700	27.696
6529.266	7587.088	4.230	5159.220	153.157
1.002	14.700			
8/14/2016 11:20:00 PM	350400.000	12.151	17.701	27.697
6529.618	7587.453	4.230	5159.468	153.148
1.002	14.700			
8/14/2016 11:25:00 PM	350700.000	12.155	17.700	27.705
6527.415	7584.923	4.228	5157.748	153.200
1.002	14.700			
8/14/2016 11:30:00 PM	351000.000	12.154	17.700	27.703
6527.836	7585.485	4.229	5158.130	153.190
1.002	14.700			
8/14/2016 11:35:00 PM	351300.000	12.153	17.701	27.699
6527.611	7585.107	4.229	5157.873	153.195
1.002	14.700			
8/14/2016 11:40:00 PM	351600.000	12.156	17.701	27.708
6528.320	7585.900	4.229	5158.413	153.179
1.002	14.699			
8/14/2016 11:45:00 PM	351900.000	12.159	17.700	27.714
6527.406	7584.926	4.228	5157.750	153.200
1.002	14.698			
8/14/2016 11:50:00 PM	352200.000	12.157	17.700	27.710
6528.769	7586.497	4.229	5158.818	153.168
1.002	14.700			
8/14/2016 11:55:00 PM	352500.000	12.154	17.701	27.703
6525.261	7582.376	4.227	5156.016	153.251
1.002	14.702			
8/15/2016 12:00:00 AM	352800.000	12.151	17.700	27.696
6525.282	7582.531	4.227	5156.121	153.250
1.002	14.705			
8/15/2016 12:05:00 AM	353100.000	12.153	17.701	27.701
6526.176	7583.424	4.228	5156.728	153.229
1.002	14.704			

8/15/2016 12:10:00 AM	353400.000	12.155	17.701	27.704
6525.772	7582.971	4.227	5156.420	153.239
1.002	14.703			
8/15/2016 12:15:00 AM	353700.000	12.150	17.700	27.694
6524.230	7581.280	4.226	5155.271	153.275
1.002	14.703			
8/15/2016 12:20:00 AM	354000.000	12.156	17.700	27.708
6525.618	7582.878	4.227	5156.358	153.242
1.002	14.703			
8/15/2016 12:25:00 AM	354300.000	12.155	17.701	27.706
6524.853	7581.915	4.227	5155.703	153.260
1.002	14.703			
8/15/2016 12:30:00 AM	354600.000	12.154	17.700	27.703
6523.688	7580.606	4.226	5154.813	153.288
1.002	14.704			
8/15/2016 12:35:00 AM	354900.000	12.152	17.700	27.698
6525.974	7583.250	4.227	5156.610	153.234
1.002	14.706			
8/15/2016 12:40:00 AM	355200.000	12.151	17.701	27.696
6523.719	7580.568	4.226	5154.787	153.287
1.002	14.709			
8/15/2016 12:45:00 AM	355500.000	12.145	17.700	27.682
6523.209	7580.065	4.226	5154.445	153.299
1.002	14.712			
8/15/2016 12:50:00 AM	355800.000	12.150	17.701	27.695
6522.272	7578.917	4.225	5153.663	153.321
1.002	14.710			
8/15/2016 12:55:00 AM	356100.000	12.153	17.701	27.701
6521.771	7578.334	4.225	5153.268	153.333
1.002	14.708			
8/15/2016 1:00:00 AM	356400.000	12.154	17.700	27.702
6521.412	7577.961	4.224	5153.014	153.341
1.002	14.706			
8/15/2016 1:05:00 AM	356700.000	12.150	17.700	27.694
6520.718	7577.142	4.224	5152.457	153.357
1.002	14.707			
8/15/2016 1:10:00 AM	357000.000	12.153	17.700	27.701
6522.704	7579.450	4.225	5154.026	153.311
1.002	14.708			
8/15/2016 1:15:00 AM	357300.000	12.152	17.700	27.698
6520.869	7577.390	4.224	5152.625	153.354
1.002	14.709			
8/15/2016 1:20:00 AM	357600.000	12.152	17.700	27.699
6521.131	7577.635	4.224	5152.792	153.348
1.002	14.708			
8/15/2016 1:25:00 AM	357900.000	12.148	17.700	27.689
6520.121	7576.461	4.223	5151.994	153.371
1.002	14.708			
8/15/2016 1:30:00 AM	358200.000	12.151	17.701	27.696
6523.001	7579.735	4.225	5154.220	153.304
1.002	14.707			
8/15/2016 1:35:00 AM	358500.000	12.152	17.701	27.698
6521.113	7577.556	4.224	5152.739	153.348
1.002	14.707			
8/15/2016 1:40:00 AM	358800.000	12.152	17.700	27.697
6520.144	7576.487	4.223	5152.011	153.371
1.002	14.707			
8/15/2016 1:45:00 AM	359100.000	12.150	17.700	27.694

6521.654	7578.272	4.225	5153.226	153.335
1.002	14.707			
8/15/2016 1:50:00 AM	359400.000	12.148	17.700	27.690
6519.992	7576.281	4.223	5151.871	153.374
1.002	14.706			
8/15/2016 1:55:00 AM	359700.000	12.154	17.700	27.703
6522.161	7578.847	4.225	5153.616	153.323
1.002	14.705			
8/15/2016 2:00:00 AM	360000.000	12.153	17.701	27.700
6520.744	7577.068	4.224	5152.407	153.357
1.002	14.704			
8/15/2016 2:05:00 AM	360300.000	12.155	17.700	27.705
6519.307	7575.516	4.223	5151.351	153.391
1.002	14.703			
8/15/2016 2:10:00 AM	360600.000	12.156	17.701	27.708
6521.006	7577.432	4.224	5152.654	153.351
1.002	14.702			
8/15/2016 2:15:00 AM	360900.000	12.152	17.701	27.697
6520.948	7577.378	4.224	5152.618	153.352
1.002	14.702			
8/15/2016 2:20:00 AM	361200.000	12.152	17.700	27.698
6519.528	7575.787	4.223	5151.536	153.385
1.002	14.702			
8/15/2016 2:25:00 AM	361500.000	12.154	17.700	27.704
6520.060	7576.391	4.223	5151.946	153.373
1.002	14.702			
8/15/2016 2:30:00 AM	361800.000	12.156	17.700	27.706
6520.000	7576.307	4.223	5151.889	153.374
1.002	14.703			
8/15/2016 2:35:00 AM	362100.000	12.157	17.700	27.709
6521.094	7577.679	4.224	5152.822	153.348
1.002	14.701			
8/15/2016 2:40:00 AM	362400.000	12.159	17.701	27.714
6519.077	7575.204	4.223	5151.139	153.396
1.002	14.700			
8/15/2016 2:45:00 AM	362700.000	12.160	17.700	27.717
6520.738	7577.194	4.224	5152.492	153.357
1.002	14.698			
8/15/2016 2:50:00 AM	363000.000	12.159	17.700	27.713
6519.967	7576.312	4.223	5151.892	153.375
1.002	14.698			
8/15/2016 2:55:00 AM	363300.000	12.154	17.700	27.703
6518.664	7574.738	4.222	5150.823	153.406
1.002	14.698			
8/15/2016 3:00:00 AM	363600.000	12.159	17.701	27.714
6518.545	7574.573	4.222	5150.709	153.408
1.002	14.698			
8/15/2016 3:05:00 AM	363900.000	12.159	17.700	27.714
6519.270	7575.473	4.223	5151.321	153.391
1.002	14.698			
8/15/2016 3:10:00 AM	364200.000	12.155	17.700	27.704
6519.344	7575.528	4.223	5151.359	153.390
1.002	14.698			
8/15/2016 3:15:00 AM	364500.000	12.159	17.700	27.714
6519.167	7575.369	4.223	5151.251	153.394
1.002	14.698			
8/15/2016 3:20:00 AM	364800.000	12.156	17.701	27.707
6519.992	7576.208	4.223	5151.822	153.374

1.002	14.697			
8/15/2016 3:25:00 AM	365100.000	12.162	17.700	27.720
6518.269	7574.309	4.222	5150.530	153.415
1.002	14.696			
8/15/2016 3:30:00 AM	365400.000	12.162	17.700	27.720
6518.896	7575.080	4.223	5151.055	153.400
1.002	14.695			
8/15/2016 3:35:00 AM	365700.000	12.161	17.700	27.719
6517.909	7573.934	4.222	5150.276	153.423
1.002	14.696			
8/15/2016 3:40:00 AM	366000.000	12.159	17.700	27.715
6519.473	7575.723	4.223	5151.492	153.387
1.002	14.698			
8/15/2016 3:45:00 AM	366300.000	12.158	17.700	27.712
6517.436	7573.341	4.222	5149.872	153.435
1.002	14.699			
8/15/2016 3:50:00 AM	366600.000	12.155	17.700	27.705
6519.192	7575.382	4.223	5151.260	153.393
1.002	14.698			
8/15/2016 3:55:00 AM	366900.000	12.159	17.700	27.715
6518.296	7574.311	4.222	5150.532	153.414
1.002	14.698			
8/15/2016 4:00:00 AM	367200.000	12.159	17.701	27.714
6517.044	7572.842	4.221	5149.533	153.444
1.002	14.697			
8/15/2016 4:05:00 AM	367500.000	12.160	17.700	27.715
6517.538	7573.460	4.222	5149.953	153.432
1.002	14.698			
8/15/2016 4:10:00 AM	367800.000	12.157	17.700	27.709
6517.082	7572.959	4.221	5149.612	153.443
1.002	14.698			
8/15/2016 4:15:00 AM	368100.000	12.157	17.701	27.709
6518.221	7574.195	4.222	5150.453	153.416
1.002	14.699			
8/15/2016 4:20:00 AM	368400.000	12.156	17.700	27.708
6517.675	7573.589	4.222	5150.041	153.429
1.002	14.700			
8/15/2016 4:25:00 AM	368700.000	12.158	17.701	27.711
6516.951	7572.720	4.221	5149.450	153.446
1.002	14.700			
8/15/2016 4:30:00 AM	369000.000	12.157	17.700	27.709
6516.797	7572.585	4.221	5149.359	153.450
1.002	14.701			
8/15/2016 4:35:00 AM	369300.000	12.156	17.701	27.707
6517.194	7573.003	4.221	5149.643	153.440
1.002	14.701			
8/15/2016 4:40:00 AM	369600.000	12.156	17.700	27.708
6518.127	7574.188	4.222	5150.448	153.418
1.002	14.700			
8/15/2016 4:45:00 AM	369900.000	12.157	17.700	27.709
6513.513	7568.752	4.219	5146.752	153.527
1.002	14.700			
8/15/2016 4:50:00 AM	370200.000	12.153	17.701	27.701
6498.227	7550.976	4.208	5134.664	153.888
1.002	14.701			
8/15/2016 4:55:00 AM	370500.000	12.156	17.701	27.707
6469.473	7517.534	4.188	5111.924	154.572
1.002	14.701			

8/15/2016 5:00:00 AM	370800.000	12.152	17.701	27.697
6437.851	7480.732	4.166	5086.898	155.331
1.002	14.702			
8/15/2016 5:05:00 AM	371100.000	12.157	17.701	27.711
6411.533	7450.150	4.148	5066.103	155.969
1.002	14.702			
8/15/2016 5:10:00 AM	371400.000	12.156	17.701	27.707
6387.861	7422.659	4.132	5047.409	156.547
1.002	14.703			
8/15/2016 5:15:00 AM	371700.000	12.156	17.701	27.706
6366.678	7398.015	4.117	5030.650	157.068
1.002	14.704			
8/15/2016 5:20:00 AM	372000.000	12.155	17.701	27.705
6343.967	7371.582	4.101	5012.676	157.630
1.002	14.705			
8/15/2016 5:25:00 AM	372300.000	12.155	17.701	27.705
6326.216	7350.999	4.089	4998.680	158.072
1.002	14.706			
8/15/2016 5:30:00 AM	372600.000	12.149	17.701	27.690
6307.059	7328.695	4.076	4983.513	158.553
1.002	14.707			
8/15/2016 5:35:00 AM	372900.000	12.154	17.701	27.704
6291.292	7310.446	4.065	4971.103	158.950
1.002	14.705			
8/15/2016 5:40:00 AM	373200.000	12.157	17.701	27.710
6275.612	7292.253	4.054	4958.732	159.347
1.002	14.702			
8/15/2016 5:45:00 AM	373500.000	12.160	17.701	27.715
6259.553	7273.507	4.043	4945.985	159.756
1.002	14.700			
8/15/2016 5:50:00 AM	373800.000	12.154	17.701	27.702
6246.393	7258.231	4.034	4935.598	160.092
1.002	14.702			
8/15/2016 5:55:00 AM	374100.000	12.156	17.701	27.708
6230.362	7239.618	4.023	4922.940	160.504
1.002	14.704			
8/15/2016 6:00:00 AM	374400.000	12.150	17.701	27.694
6218.010	7225.293	4.014	4913.200	160.823
1.002	14.705			
8/15/2016 6:05:00 AM	374700.000	12.153	17.702	27.701
6206.927	7212.316	4.007	4904.375	161.110
1.002	14.702			
8/15/2016 6:10:00 AM	375000.000	12.158	17.702	27.711
6195.728	7199.303	3.999	4895.526	161.402
1.002	14.699			
8/15/2016 6:15:00 AM	375300.000	12.165	17.701	27.729
6185.336	7187.285	3.992	4887.354	161.673
1.002	14.696			
8/15/2016 6:20:00 AM	375600.000	12.163	17.701	27.722
6172.872	7172.842	3.983	4877.533	161.999
1.002	14.699			
8/15/2016 6:25:00 AM	375900.000	12.160	17.701	27.717
6163.193	7161.555	3.977	4869.858	162.254
1.002	14.702			
8/15/2016 6:30:00 AM	376200.000	12.152	17.701	27.698
6153.699	7150.536	3.970	4862.365	162.504
1.002	14.705			
8/15/2016 6:35:00 AM	376500.000	12.155	17.702	27.705

6145.371	7140.802	3.964	4855.745	162.724
1.002	14.706			
8/15/2016 6:40:00 AM	376800.000	12.156	17.702	27.706
6133.189	7126.621	3.956	4846.103	163.047
1.002	14.707			
8/15/2016 6:45:00 AM	377100.000	12.155	17.701	27.706
6125.500	7117.726	3.950	4840.054	163.252
1.002	14.708			
8/15/2016 6:50:00 AM	377400.000	12.153	17.701	27.702
6117.596	7108.639	3.945	4833.875	163.463
1.002	14.709			
8/15/2016 6:55:00 AM	377700.000	12.153	17.702	27.701
6109.544	7099.172	3.939	4827.438	163.678
1.002	14.711			
8/15/2016 7:00:00 AM	378000.000	12.153	17.702	27.701
6101.539	7089.871	3.934	4821.113	163.893
1.002	14.712			
8/15/2016 7:05:00 AM	378300.000	12.149	17.702	27.692
6094.902	7082.117	3.929	4815.840	164.072
1.002	14.712			
8/15/2016 7:10:00 AM	378600.000	12.148	17.701	27.689
6087.554	7073.647	3.924	4810.081	164.270
1.002	14.712			
8/15/2016 7:15:00 AM	378900.000	12.153	17.701	27.700
6080.335	7065.315	3.919	4804.415	164.465
1.002	14.713			
8/15/2016 7:20:00 AM	379200.000	12.152	17.701	27.699
6072.539	7056.242	3.914	4798.245	164.676
1.002	14.714			
8/15/2016 7:25:00 AM	379500.000	12.151	17.701	27.696
6065.430	7047.927	3.909	4792.591	164.869
1.002	14.715			
8/15/2016 7:30:00 AM	379800.000	12.144	17.702	27.680
6057.945	7039.215	3.904	4786.667	165.072
1.002	14.717			
8/15/2016 7:35:00 AM	380100.000	12.146	17.702	27.685
6052.668	7033.042	3.900	4782.469	165.216
1.002	14.716			
8/15/2016 7:40:00 AM	380400.000	12.154	17.701	27.703
6045.516	7024.815	3.895	4776.874	165.412
1.002	14.716			
8/15/2016 7:45:00 AM	380700.000	12.153	17.702	27.701
6042.779	7021.579	3.893	4774.674	165.487
1.002	14.715			
8/15/2016 7:50:00 AM	381000.000	12.150	17.702	27.694
6034.983	7012.494	3.888	4768.496	165.701
1.002	14.717			
8/15/2016 7:55:00 AM	381300.000	12.148	17.701	27.689
6029.345	7006.009	3.884	4764.087	165.855
1.002	14.719			
8/15/2016 8:00:00 AM	381600.000	12.147	17.701	27.687
6024.505	7000.386	3.881	4760.263	165.989
1.002	14.720			
8/15/2016 8:05:00 AM	381900.000	12.143	17.701	27.677
6019.459	6994.538	3.877	4756.286	166.128
1.002	14.720			
8/15/2016 8:10:00 AM	382200.000	12.149	17.701	27.691
6016.677	6991.276	3.876	4754.068	166.205

1.002	14.719				
8/15/2016 8:15:00 AM	382500.000	12.145	17.701	27.683	
6011.382	6985.153	3.872	4749.904	166.351	
1.002	14.719				
8/15/2016 8:20:00 AM	382800.000	12.150	17.701	27.693	
6007.222	6980.318	3.869	4746.617	166.466	
1.002	14.719				
8/15/2016 8:25:00 AM	383100.000	12.150	17.701	27.694	
6004.040	6976.605	3.867	4744.092	166.555	
1.002	14.719				
8/15/2016 8:30:00 AM	383400.000	12.149	17.701	27.692	
5999.301	6971.099	3.864	4740.347	166.686	
1.002	14.719				
8/15/2016 8:35:00 AM	383700.000	12.149	17.702	27.692	
5995.993	6967.202	3.861	4737.698	166.778	
1.002	14.719				
8/15/2016 8:40:00 AM	384000.000	12.149	17.702	27.691	
5991.853	6962.391	3.858	4734.426	166.893	
1.002	14.719				
8/15/2016 8:45:00 AM	384300.000	12.145	17.701	27.681	
5987.717	6957.667	3.856	4731.213	167.009	
1.002	14.719				
8/15/2016 8:50:00 AM	384600.000	12.148	17.701	27.689	
5985.800	6955.466	3.854	4729.717	167.062	
1.002	14.720				
8/15/2016 8:55:00 AM	384900.000	12.148	17.701	27.690	
5981.914	6950.977	3.852	4726.664	167.171	
1.002	14.721				
8/15/2016 9:00:00 AM	385200.000	12.148	17.701	27.688	
5979.341	6948.000	3.850	4724.641	167.243	
1.002	14.722				
8/15/2016 9:05:00 AM	385500.000	12.147	17.701	27.687	
5977.602	6945.900	3.849	4723.212	167.291	
1.002	14.723				
8/15/2016 9:10:00 AM	385800.000	12.144	17.701	27.681	
5975.706	6943.709	3.847	4721.723	167.344	
1.002	14.723				
8/15/2016 9:15:00 AM	386100.000	12.140	17.700	27.670	
5972.132	6939.664	3.845	4718.972	167.444	
1.002	14.724				
8/15/2016 9:20:00 AM	386400.000	12.143	17.701	27.678	
5968.894	6935.753	3.843	4716.313	167.535	
1.002	14.725				
8/15/2016 9:25:00 AM	386700.000	12.141	17.702	27.673	
5965.664	6931.973	3.840	4713.742	167.626	
1.002	14.726				
8/15/2016 9:30:00 AM	387000.000	12.145	17.701	27.682	
5965.893	6932.266	3.841	4713.941	167.620	
1.002	14.726				
8/15/2016 9:35:00 AM	387300.000	12.140	17.701	27.672	
5963.372	6929.349	3.839	4711.958	167.690	
1.002	14.726				
8/15/2016 9:40:00 AM	387600.000	12.141	17.702	27.673	
5958.822	6924.023	3.836	4708.336	167.818	
1.002	14.725				
8/15/2016 9:45:00 AM	387900.000	12.145	17.701	27.681	
5957.008	6921.996	3.834	4706.958	167.870	
1.002	14.725				

8/15/2016 9:50:00 AM	388200.000	12.146	17.701	27.684
5956.445	6921.342	3.834	4706.513	167.885
1.002	14.725			
8/15/2016 9:55:00 AM	388500.000	12.144	17.701	27.681
5955.528	6920.263	3.833	4705.779	167.911
1.002	14.725			
8/15/2016 10:00:00 AM	388800.000	12.144	17.701	27.679
5952.777	6917.094	3.832	4703.624	167.989
1.002	14.726			
8/15/2016 10:05:00 AM	389100.000	12.144	17.701	27.681
5951.153	6915.180	3.830	4702.323	168.035
1.002	14.726			
8/15/2016 10:10:00 AM	389400.000	12.144	17.701	27.680
5949.571	6913.300	3.829	4701.044	168.079
1.002	14.726			
8/15/2016 10:15:00 AM	389700.000	12.143	17.701	27.677
5946.975	6910.391	3.828	4699.066	168.153
1.002	14.726			
8/15/2016 10:20:00 AM	390000.000	12.140	17.701	27.672
5945.414	6908.511	3.826	4697.788	168.197
1.002	14.728			
8/15/2016 10:25:00 AM	390300.000	12.135	17.701	27.659
5943.571	6906.357	3.825	4696.323	168.249
1.002	14.730			
8/15/2016 10:30:00 AM	390600.000	12.134	17.701	27.657
5944.487	6907.460	3.826	4697.073	168.223
1.002	14.732			
8/15/2016 10:35:00 AM	390900.000	12.136	17.701	27.662
5941.090	6903.513	3.824	4694.389	168.319
1.002	14.732			
8/15/2016 10:40:00 AM	391200.000	12.142	17.701	27.675
5941.268	6903.720	3.824	4694.530	168.314
1.002	14.731			
8/15/2016 10:45:00 AM	391500.000	12.142	17.701	27.674
5938.631	6900.682	3.822	4692.463	168.389
1.002	14.731			
8/15/2016 10:50:00 AM	391800.000	12.142	17.701	27.675
5939.975	6902.284	3.823	4693.553	168.351
1.002	14.730			
8/15/2016 10:55:00 AM	392100.000	12.143	17.701	27.679
5940.535	6902.841	3.823	4693.933	168.335
1.002	14.729			
8/15/2016 11:00:00 AM	392400.000	12.143	17.701	27.678
5938.773	6900.766	3.822	4692.521	168.385
1.002	14.728			
8/15/2016 11:05:00 AM	392700.000	12.141	17.701	27.674
5937.415	6899.216	3.821	4691.467	168.423
1.002	14.730			
8/15/2016 11:10:00 AM	393000.000	12.138	17.702	27.667
5937.997	6899.824	3.821	4691.881	168.407
1.002	14.732			
8/15/2016 11:15:00 AM	393300.000	12.131	17.701	27.650
5937.524	6899.356	3.821	4691.563	168.420
1.002	14.734			
8/15/2016 11:20:00 AM	393600.000	12.135	17.701	27.660
5936.103	6897.744	3.820	4690.466	168.461
1.002	14.733			
8/15/2016 11:25:00 AM	393900.000	12.137	17.701	27.664

5934.561	6895.872	3.819	4689.193	168.504
1.002	14.732			
8/15/2016 11:30:00 AM	394200.000	12.137	17.701	27.663
5934.653	6896.034	3.819	4689.303	168.502
1.002	14.731			
8/15/2016 11:35:00 AM	394500.000	12.136	17.701	27.662
5934.070	6895.411	3.819	4688.879	168.518
1.002	14.731			
8/15/2016 11:40:00 AM	394800.000	12.132	17.701	27.652
5935.130	6896.520	3.819	4689.634	168.488
1.002	14.730			
8/15/2016 11:45:00 AM	395100.000	12.137	17.701	27.663
5934.393	6895.691	3.819	4689.071	168.509
1.002	14.729			
8/15/2016 11:50:00 AM	395400.000	12.136	17.701	27.662
5934.588	6895.958	3.819	4689.252	168.504
1.002	14.728			
8/15/2016 11:55:00 AM	395700.000	12.136	17.701	27.662
5935.684	6897.257	3.820	4690.135	168.473
1.002	14.727			
8/15/2016 12:00:00 PM	396000.000	12.136	17.701	27.663
5934.025	6895.317	3.819	4688.816	168.520
1.002	14.726			
8/15/2016 12:05:00 PM	396300.000	12.134	17.701	27.656
5935.614	6897.176	3.820	4690.080	168.475
1.002	14.726			
8/15/2016 12:10:00 PM	396600.000	12.130	17.701	27.648
5933.082	6894.248	3.818	4688.088	168.546
1.002	14.727			
8/15/2016 12:15:00 PM	396900.000	12.134	17.701	27.657
5935.935	6897.523	3.820	4690.316	168.465
1.002	14.727			
8/15/2016 12:20:00 PM	397200.000	12.134	17.701	27.658
5934.165	6895.493	3.819	4688.935	168.516
1.002	14.725			
8/15/2016 12:25:00 PM	397500.000	12.135	17.701	27.660
5937.532	6899.392	3.821	4691.587	168.420
1.002	14.724			
8/15/2016 12:30:00 PM	397800.000	12.131	17.701	27.650
5936.955	6898.734	3.821	4691.139	168.437
1.002	14.722			
8/15/2016 12:35:00 PM	398100.000	12.131	17.701	27.651
5937.807	6899.765	3.821	4691.841	168.412
1.002	14.720			
8/15/2016 12:40:00 PM	398400.000	12.137	17.700	27.663
5937.226	6899.118	3.821	4691.400	168.429
1.002	14.719			
8/15/2016 12:45:00 PM	398700.000	12.133	17.701	27.656
5936.780	6898.505	3.821	4690.984	168.441
1.002	14.717			
8/15/2016 12:50:00 PM	399000.000	12.138	17.701	27.667
5939.619	6901.871	3.823	4693.272	168.361
1.002	14.716			
8/15/2016 12:55:00 PM	399300.000	12.139	17.701	27.670
5938.723	6900.776	3.822	4692.528	168.386
1.002	14.715			
8/15/2016 1:00:00 PM	399600.000	12.140	17.701	27.670
5939.369	6901.580	3.822	4693.075	168.368

1.002	14.714			
8/15/2016 1:05:00 PM	399900.000	12.136	17.701	27.662
5940.393	6902.743	3.823	4693.865	168.339
1.002	14.717			
8/15/2016 1:10:00 PM	400200.000	12.127	17.700	27.641
5940.820	6903.279	3.823	4694.229	168.327
1.002	14.720			
8/15/2016 1:15:00 PM	400500.000	12.125	17.701	27.636
5941.651	6904.178	3.824	4694.841	168.303
1.002	14.723			
8/15/2016 1:20:00 PM	400800.000	12.125	17.701	27.636
5940.748	6903.169	3.823	4694.156	168.329
1.002	14.722			
8/15/2016 1:25:00 PM	401100.000	12.129	17.701	27.645
5943.644	6906.494	3.825	4696.416	168.247
1.002	14.721			
8/15/2016 1:30:00 PM	401400.000	12.130	17.701	27.647
5944.863	6907.923	3.826	4697.388	168.212
1.002	14.720			
8/15/2016 1:35:00 PM	401700.000	12.127	17.701	27.642
5945.953	6909.164	3.827	4698.232	168.182
1.002	14.718			
8/15/2016 1:40:00 PM	402000.000	12.129	17.701	27.645
5947.103	6910.526	3.828	4699.158	168.149
1.002	14.716			
8/15/2016 1:45:00 PM	402300.000	12.134	17.700	27.658
5945.631	6908.870	3.827	4698.032	168.191
1.002	14.714			
8/15/2016 1:50:00 PM	402600.000	12.132	17.701	27.652
5948.028	6911.601	3.828	4699.889	168.123
1.002	14.716			
8/15/2016 1:55:00 PM	402900.000	12.129	17.701	27.646
5949.642	6913.505	3.829	4701.184	168.077
1.002	14.719			
8/15/2016 2:00:00 PM	403200.000	12.126	17.701	27.638
5948.693	6912.403	3.829	4700.434	168.104
1.002	14.721			
8/15/2016 2:05:00 PM	403500.000	12.123	17.701	27.633
5947.995	6911.591	3.828	4699.882	168.124
1.002	14.719			
8/15/2016 2:10:00 PM	403800.000	12.125	17.701	27.635
5948.935	6912.695	3.829	4700.633	168.097
1.002	14.717			
8/15/2016 2:15:00 PM	404100.000	12.127	17.701	27.641
5949.727	6913.616	3.830	4701.259	168.075
1.002	14.716			
8/15/2016 2:20:00 PM	404400.000	12.129	17.701	27.646
5952.747	6917.125	3.832	4703.645	167.990
1.002	14.717			
8/15/2016 2:25:00 PM	404700.000	12.126	17.701	27.640
5953.173	6917.608	3.832	4703.974	167.978
1.002	14.719			
8/15/2016 2:30:00 PM	405000.000	12.120	17.700	27.625
5953.822	6918.429	3.832	4704.532	167.959
1.002	14.721			
8/15/2016 2:35:00 PM	405300.000	12.125	17.700	27.637
5955.924	6920.845	3.834	4706.175	167.900
1.002	14.720			

8/15/2016 2:40:00 PM	405600.000	12.125	17.700	27.637
5956.414	6921.453	3.834	4706.589	167.886
1.002	14.720			
8/15/2016 2:45:00 PM	405900.000	12.124	17.700	27.635
5955.737	6920.667	3.834	4706.053	167.905
1.002	14.720			
8/15/2016 2:50:00 PM	406200.000	12.125	17.700	27.637
5955.602	6920.471	3.834	4705.921	167.909
1.002	14.718			
8/15/2016 2:55:00 PM	406500.000	12.127	17.701	27.641
5956.078	6920.969	3.834	4706.260	167.896
1.002	14.716			
8/15/2016 3:00:00 PM	406800.000	12.128	17.701	27.644
5955.623	6920.455	3.834	4705.910	167.909
1.002	14.714			
8/15/2016 3:05:00 PM	407100.000	12.128	17.701	27.643
5959.101	6924.482	3.836	4708.648	167.811
1.002	14.712			
8/15/2016 3:10:00 PM	407400.000	12.129	17.701	27.646
5959.048	6924.421	3.836	4708.607	167.812
1.002	14.710			
8/15/2016 3:15:00 PM	407700.000	12.129	17.701	27.647
5956.965	6922.000	3.834	4706.960	167.871
1.002	14.709			
8/15/2016 3:20:00 PM	408000.000	12.121	17.701	27.628
5958.841	6924.167	3.836	4708.433	167.818
1.002	14.711			
8/15/2016 3:25:00 PM	408300.000	12.119	17.701	27.622
5958.642	6923.895	3.836	4708.249	167.823
1.002	14.713			
8/15/2016 3:30:00 PM	408600.000	12.119	17.701	27.624
5958.799	6924.158	3.836	4708.427	167.819
1.002	14.716			
8/15/2016 3:35:00 PM	408900.000	12.123	17.700	27.632
5958.853	6924.275	3.836	4708.507	167.818
1.002	14.713			
8/15/2016 3:40:00 PM	409200.000	12.123	17.700	27.632
5960.496	6926.158	3.837	4709.788	167.771
1.002	14.710			
8/15/2016 3:45:00 PM	409500.000	12.127	17.701	27.641
5959.423	6924.871	3.836	4708.913	167.801
1.002	14.707			
8/15/2016 3:50:00 PM	409800.000	12.125	17.701	27.637
5961.205	6926.913	3.837	4710.301	167.751
1.002	14.708			
8/15/2016 3:55:00 PM	410100.000	12.122	17.701	27.629
5961.654	6927.435	3.838	4710.656	167.739
1.002	14.709			
8/15/2016 4:00:00 PM	410400.000	12.117	17.700	27.618
5959.163	6924.594	3.836	4708.724	167.809
1.002	14.710			
8/15/2016 4:05:00 PM	410700.000	12.115	17.701	27.614
5960.809	6926.413	3.837	4709.960	167.762
1.002	14.710			
8/15/2016 4:10:00 PM	411000.000	12.120	17.701	27.626
5962.975	6928.984	3.839	4711.709	167.702
1.002	14.709			
8/15/2016 4:15:00 PM	411300.000	12.120	17.700	27.625

5962.820	6928.885	3.839	4711.642	167.706
1.002	14.709			
8/15/2016 4:20:00 PM	411600.000	12.119	17.700	27.623
5963.226	6929.369	3.839	4711.971	167.694
1.002	14.708			
8/15/2016 4:25:00 PM	411900.000	12.116	17.701	27.617
5964.892	6931.238	3.840	4713.243	167.648
1.002	14.708			
8/15/2016 4:30:00 PM	412200.000	12.119	17.700	27.623
5963.164	6929.243	3.839	4711.885	167.696
1.002	14.707			
8/15/2016 4:35:00 PM	412500.000	12.115	17.701	27.614
5965.767	6932.228	3.841	4713.916	167.623
1.002	14.706			
8/15/2016 4:40:00 PM	412800.000	12.120	17.701	27.626
5965.185	6931.565	3.840	4713.465	167.639
1.002	14.704			
8/15/2016 4:45:00 PM	413100.000	12.123	17.701	27.632
5966.601	6933.223	3.841	4714.592	167.600
1.002	14.703			
8/15/2016 4:50:00 PM	413400.000	12.121	17.700	27.629
5967.028	6933.733	3.841	4714.938	167.588
1.002	14.702			
8/15/2016 4:55:00 PM	413700.000	12.121	17.701	27.628
5970.424	6937.653	3.844	4717.604	167.492
1.002	14.702			
8/15/2016 5:00:00 PM	414000.000	12.122	17.701	27.629
5970.685	6937.942	3.844	4717.801	167.485
1.002	14.702			
8/15/2016 5:05:00 PM	414300.000	12.121	17.700	27.628
5971.711	6939.216	3.845	4718.667	167.456
1.002	14.703			
8/15/2016 5:10:00 PM	414600.000	12.115	17.700	27.615
5973.052	6940.733	3.846	4719.699	167.419
1.002	14.705			
8/15/2016 5:15:00 PM	414900.000	12.115	17.701	27.614
5973.723	6941.446	3.846	4720.184	167.400
1.002	14.706			
8/15/2016 5:20:00 PM	415200.000	12.119	17.701	27.622
5974.127	6941.957	3.846	4720.531	167.388
1.002	14.706			
8/15/2016 5:25:00 PM	415500.000	12.113	17.701	27.609
5974.905	6942.873	3.847	4721.154	167.367
1.002	14.706			
8/15/2016 5:30:00 PM	415800.000	12.116	17.701	27.616
5975.767	6943.875	3.847	4721.835	167.343
1.002	14.706			
8/15/2016 5:35:00 PM	416100.000	12.116	17.701	27.617
5978.290	6946.794	3.849	4723.820	167.272
1.002	14.705			
8/15/2016 5:40:00 PM	416400.000	12.117	17.701	27.619
5978.576	6947.098	3.849	4724.027	167.264
1.002	14.704			
8/15/2016 5:45:00 PM	416700.000	12.117	17.701	27.619
5979.664	6948.391	3.850	4724.906	167.233
1.002	14.702			
8/15/2016 5:50:00 PM	417000.000	12.117	17.701	27.618
5979.333	6948.005	3.850	4724.644	167.243

1.002	14.703			
8/15/2016 5:55:00 PM	417300.000	12.116	17.701	27.616
5981.122	6950.084	3.851	4726.058	167.193
1.002	14.705			
8/15/2016 6:00:00 PM	417600.000	12.112	17.700	27.608
5981.036	6950.011	3.851	4726.007	167.195
1.002	14.706			
8/15/2016 6:05:00 PM	417900.000	12.115	17.701	27.615
5983.313	6952.631	3.853	4727.790	167.131
1.002	14.703			
8/15/2016 6:10:00 PM	418200.000	12.117	17.701	27.617
5982.207	6951.358	3.852	4726.923	167.162
1.002	14.701			
8/15/2016 6:15:00 PM	418500.000	12.117	17.701	27.619
5983.953	6953.333	3.853	4728.267	167.114
1.002	14.699			
8/15/2016 6:20:00 PM	418800.000	12.116	17.700	27.617
5983.331	6952.677	3.853	4727.821	167.131
1.002	14.700			
8/15/2016 6:25:00 PM	419100.000	12.114	17.700	27.612
5984.176	6953.675	3.853	4728.500	167.107
1.002	14.700			
8/15/2016 6:30:00 PM	419400.000	12.109	17.700	27.600
5984.464	6954.061	3.853	4728.762	167.099
1.002	14.701			
8/15/2016 6:35:00 PM	419700.000	12.109	17.700	27.601
5986.561	6956.446	3.855	4730.383	167.041
1.002	14.701			
8/15/2016 6:40:00 PM	420000.000	12.112	17.701	27.608
5986.817	6956.674	3.855	4730.539	167.034
1.002	14.702			
8/15/2016 6:45:00 PM	420300.000	12.111	17.700	27.606
5988.862	6959.104	3.856	4732.191	166.977
1.002	14.702			
8/15/2016 6:50:00 PM	420600.000	12.108	17.700	27.597
5987.393	6957.425	3.855	4731.049	167.018
1.002	14.701			
8/15/2016 6:55:00 PM	420900.000	12.112	17.701	27.608
5988.414	6958.543	3.856	4731.809	166.989
1.002	14.701			
8/15/2016 7:00:00 PM	421200.000	12.114	17.700	27.611
5988.851	6959.119	3.856	4732.201	166.977
1.002	14.700			
8/15/2016 7:05:00 PM	421500.000	12.113	17.700	27.609
5988.850	6959.131	3.856	4732.209	166.977
1.002	14.700			
8/15/2016 7:10:00 PM	421800.000	12.113	17.700	27.609
5990.287	6960.775	3.857	4733.327	166.937
1.002	14.700			
8/15/2016 7:15:00 PM	422100.000	12.112	17.701	27.607
5989.914	6960.286	3.857	4732.995	166.947
1.002	14.700			
8/15/2016 7:20:00 PM	422400.000	12.112	17.701	27.607
5989.584	6959.903	3.857	4732.735	166.956
1.002	14.700			
8/15/2016 7:25:00 PM	422700.000	12.113	17.700	27.608
5992.608	6963.499	3.859	4735.179	166.872
1.002	14.699			

8/15/2016 7:30:00 PM	423000.000	12.113	17.700	27.609
5994.758	6965.998	3.861	4736.879	166.812
1.002	14.698			
8/15/2016 7:35:00 PM	423300.000	12.107	17.701	27.595
5991.648	6962.302	3.858	4734.366	166.899
1.002	14.699			
8/15/2016 7:40:00 PM	423600.000	12.107	17.701	27.596
5994.299	6965.382	3.860	4736.460	166.825
1.002	14.700			
8/15/2016 7:45:00 PM	423900.000	12.106	17.700	27.594
5993.789	6964.856	3.860	4736.103	166.839
1.002	14.701			
8/15/2016 7:50:00 PM	424200.000	12.110	17.700	27.603
5996.088	6967.501	3.861	4737.901	166.775
1.002	14.702			
8/15/2016 7:55:00 PM	424500.000	12.110	17.701	27.602
5994.255	6965.331	3.860	4736.425	166.826
1.002	14.703			
8/15/2016 8:00:00 PM	424800.000	12.109	17.700	27.599
5996.811	6968.356	3.862	4738.482	166.755
1.002	14.704			
8/15/2016 8:05:00 PM	425100.000	12.109	17.700	27.599
5997.516	6969.176	3.862	4739.040	166.736
1.002	14.704			
8/15/2016 8:10:00 PM	425400.000	12.109	17.701	27.600
5996.834	6968.342	3.862	4738.473	166.755
1.002	14.703			
8/15/2016 8:15:00 PM	425700.000	12.110	17.701	27.602
5997.863	6969.523	3.863	4739.276	166.726
1.002	14.703			
8/15/2016 8:20:00 PM	426000.000	12.108	17.701	27.598
5997.557	6969.183	3.862	4739.044	166.735
1.002	14.703			
8/15/2016 8:25:00 PM	426300.000	12.102	17.700	27.585
5998.238	6970.026	3.863	4739.618	166.716
1.002	14.704			
8/15/2016 8:30:00 PM	426600.000	12.104	17.701	27.588
6000.218	6972.260	3.864	4741.137	166.661
1.002	14.704			
8/15/2016 8:35:00 PM	426900.000	12.107	17.701	27.595
5999.313	6971.209	3.864	4740.423	166.686
1.002	14.704			
8/15/2016 8:40:00 PM	427200.000	12.110	17.701	27.603
5999.100	6970.988	3.863	4740.272	166.692
1.002	14.703			
8/15/2016 8:45:00 PM	427500.000	12.110	17.701	27.601
6000.378	6972.474	3.864	4741.282	166.656
1.002	14.703			
8/15/2016 8:50:00 PM	427800.000	12.109	17.701	27.600
6000.292	6972.347	3.864	4741.196	166.659
1.002	14.704			
8/15/2016 8:55:00 PM	428100.000	12.108	17.701	27.599
6001.890	6974.162	3.865	4742.430	166.614
1.002	14.704			
8/15/2016 9:00:00 PM	428400.000	12.107	17.701	27.597
6002.432	6974.859	3.866	4742.905	166.599
1.002	14.705			
8/15/2016 9:05:00 PM	428700.000	12.109	17.701	27.600

6001.751	6974.042	3.865	4742.348	166.618
1.002	14.703			
8/15/2016 9:10:00 PM	429000.000	12.111	17.700	27.604
6003.774	6976.474	3.867	4744.002	166.562
1.002	14.702			
8/15/2016 9:15:00 PM	429300.000	12.113	17.700	27.610
6003.187	6975.804	3.866	4743.547	166.578
1.002	14.701			
8/15/2016 9:20:00 PM	429600.000	12.111	17.701	27.604
6003.677	6976.199	3.867	4743.815	166.565
1.002	14.703			
8/15/2016 9:25:00 PM	429900.000	12.108	17.701	27.597
6005.832	6978.797	3.868	4745.582	166.505
1.002	14.705			
8/15/2016 9:30:00 PM	430200.000	12.105	17.700	27.592
6007.340	6980.576	3.869	4746.792	166.463
1.002	14.708			
8/15/2016 9:35:00 PM	430500.000	12.104	17.700	27.590
6006.149	6979.219	3.868	4745.869	166.496
1.002	14.709			
8/15/2016 9:40:00 PM	430800.000	12.099	17.700	27.578
6006.179	6979.294	3.868	4745.921	166.495
1.002	14.711			
8/15/2016 9:45:00 PM	431100.000	12.103	17.701	27.586
6008.363	6981.739	3.870	4747.583	166.435
1.002	14.713			
8/15/2016 9:50:00 PM	431400.000	12.102	17.701	27.585
6006.691	6979.782	3.869	4746.252	166.481
1.002	14.712			
8/15/2016 9:55:00 PM	431700.000	12.104	17.701	27.589
6005.636	6978.583	3.868	4745.436	166.510
1.002	14.710			
8/15/2016 10:00:00 PM	432000.000	12.105	17.701	27.592
6006.731	6979.843	3.869	4746.293	166.480
1.002	14.709			
8/15/2016 10:05:00 PM	432300.000	12.099	17.701	27.577
6007.448	6980.634	3.869	4746.832	166.460
1.002	14.710			
8/15/2016 10:10:00 PM	432600.000	12.097	17.700	27.573
6008.285	6981.716	3.870	4747.567	166.437
1.002	14.712			
8/15/2016 10:15:00 PM	432900.000	12.098	17.700	27.575
6009.140	6982.695	3.870	4748.233	166.413
1.002	14.713			
8/15/2016 10:20:00 PM	433200.000	12.100	17.700	27.579
6008.309	6981.717	3.870	4747.568	166.436
1.002	14.712			
8/15/2016 10:25:00 PM	433500.000	12.100	17.701	27.581
6009.151	6982.626	3.870	4748.186	166.413
1.002	14.710			
8/15/2016 10:30:00 PM	433800.000	12.102	17.700	27.584
6009.182	6982.716	3.870	4748.247	166.412
1.002	14.709			
8/15/2016 10:35:00 PM	434100.000	12.103	17.701	27.587
6009.224	6982.751	3.870	4748.271	166.411
1.002	14.707			
8/15/2016 10:40:00 PM	434400.000	12.100	17.701	27.580
6010.792	6984.532	3.872	4749.482	166.367

1.002	14.706			
8/15/2016 10:45:00 PM	434700.000	12.105	17.701	27.591
6010.895	6984.653	3.872	4749.564	166.365
1.002	14.705			
8/15/2016 10:50:00 PM	435000.000	12.104	17.700	27.588
6011.759	6985.727	3.872	4750.294	166.341
1.002	14.704			
8/15/2016 10:55:00 PM	435300.000	12.106	17.701	27.593
6010.500	6984.168	3.871	4749.235	166.376
1.002	14.703			
8/15/2016 11:00:00 PM	435600.000	12.101	17.700	27.582
6012.239	6986.269	3.873	4750.663	166.327
1.002	14.702			
8/15/2016 11:05:00 PM	435900.000	12.106	17.701	27.593
6011.493	6985.362	3.872	4750.046	166.348
1.002	14.701			
8/15/2016 11:10:00 PM	436200.000	12.100	17.701	27.580
6012.952	6987.072	3.873	4751.209	166.308
1.002	14.700			
8/15/2016 11:15:00 PM	436500.000	12.102	17.701	27.585
6015.603	6990.123	3.875	4753.284	166.234
1.002	14.700			
8/15/2016 11:20:00 PM	436800.000	12.104	17.700	27.589
6013.366	6987.606	3.873	4751.573	166.296
1.002	14.702			
8/15/2016 11:25:00 PM	437100.000	12.102	17.701	27.585
6014.835	6989.272	3.874	4752.706	166.256
1.002	14.704			
8/15/2016 11:30:00 PM	437400.000	12.099	17.700	27.578
6014.018	6988.363	3.874	4752.087	166.278
1.002	14.706			
8/15/2016 11:35:00 PM	437700.000	12.097	17.701	27.573
6015.559	6990.100	3.875	4753.268	166.236
1.002	14.704			
8/15/2016 11:40:00 PM	438000.000	12.098	17.700	27.576
6019.287	6994.458	3.877	4756.232	166.133
1.002	14.703			
8/15/2016 11:45:00 PM	438300.000	12.101	17.700	27.581
6029.270	7006.058	3.884	4764.120	165.858
1.002	14.701			
8/15/2016 11:50:00 PM	438600.000	12.103	17.700	27.587
6060.433	7042.298	3.906	4788.763	165.005
1.002	14.702			
8/15/2016 11:55:00 PM	438900.000	12.102	17.700	27.583
6089.064	7075.636	3.926	4811.433	164.229
1.002	14.704			
8/16/2016 12:00:00 AM	439200.000	12.101	17.700	27.583
6114.079	7104.636	3.943	4831.152	163.557
1.002	14.705			
8/16/2016 12:05:00 AM	439500.000	12.101	17.700	27.581
6137.233	7131.555	3.959	4849.457	162.940
1.002	14.705			
8/16/2016 12:10:00 AM	439800.000	12.099	17.700	27.578
6160.854	7159.016	3.975	4868.131	162.315
1.002	14.705			
8/16/2016 12:15:00 AM	440100.000	12.096	17.700	27.571
6182.325	7184.021	3.990	4885.134	161.751
1.002	14.705			

8/16/2016 12:20:00 AM	440400.000	12.101	17.700	27.582
6201.542	7206.379	4.003	4900.338	161.250
1.002	14.705			
8/16/2016 12:25:00 AM	440700.000	12.101	17.700	27.581
6219.510	7227.247	4.016	4914.528	160.784
1.002	14.705			
8/16/2016 12:30:00 AM	441000.000	12.096	17.700	27.572
6234.771	7244.964	4.026	4926.576	160.391
1.002	14.705			
8/16/2016 12:35:00 AM	441300.000	12.101	17.700	27.581
6249.593	7262.204	4.036	4938.299	160.010
1.002	14.704			
8/16/2016 12:40:00 AM	441600.000	12.101	17.700	27.581
6261.727	7276.288	4.045	4947.875	159.700
1.002	14.704			
8/16/2016 12:45:00 AM	441900.000	12.096	17.700	27.571
6274.266	7290.886	4.053	4957.803	159.381
1.002	14.704			
8/16/2016 12:50:00 AM	442200.000	12.097	17.700	27.572
6284.972	7303.342	4.061	4966.273	159.110
1.002	14.703			
8/16/2016 12:55:00 AM	442500.000	12.100	17.700	27.580
6295.634	7315.604	4.068	4974.612	158.840
1.002	14.703			
8/16/2016 1:00:00 AM	442800.000	12.094	17.700	27.566
6307.515	7329.467	4.076	4984.038	158.541
1.002	14.703			
8/16/2016 1:05:00 AM	443100.000	12.095	17.700	27.569
6318.563	7342.349	4.084	4992.797	158.264
1.002	14.701			
8/16/2016 1:10:00 AM	443400.000	12.099	17.699	27.578
6327.827	7353.169	4.090	5000.155	158.032
1.002	14.700			
8/16/2016 1:15:00 AM	443700.000	12.100	17.700	27.580
6335.021	7361.501	4.095	5005.822	157.853
1.002	14.699			
8/16/2016 1:20:00 AM	444000.000	12.102	17.700	27.585
6342.809	7370.451	4.101	5011.907	157.659
1.002	14.699			
8/16/2016 1:25:00 AM	444300.000	12.098	17.700	27.574
6351.408	7380.499	4.107	5018.740	157.445
1.002	14.699			
8/16/2016 1:30:00 AM	444600.000	12.096	17.700	27.571
6360.907	7391.494	4.113	5026.216	157.210
1.002	14.699			
8/16/2016 1:35:00 AM	444900.000	12.101	17.700	27.582
6366.513	7398.081	4.117	5030.695	157.072
1.002	14.699			
8/16/2016 1:40:00 AM	445200.000	12.097	17.700	27.573
6374.762	7407.654	4.123	5037.205	156.869
1.002	14.699			
8/16/2016 1:45:00 AM	445500.000	12.098	17.700	27.576
6381.494	7415.460	4.127	5042.513	156.703
1.002	14.699			
8/16/2016 1:50:00 AM	445800.000	12.098	17.700	27.575
6388.653	7423.809	4.132	5048.190	156.528
1.002	14.698			
8/16/2016 1:55:00 AM	446100.000	12.099	17.700	27.577

6397.112	7433.595	4.138	5054.845	156.321
1.002	14.696			
8/16/2016 2:00:00 AM	446400.000	12.100	17.700	27.579
6403.764	7441.325	4.143	5060.102	156.158
1.002	14.695			
8/16/2016 2:05:00 AM	446700.000	12.104	17.700	27.590
6409.292	7447.676	4.147	5064.420	156.023
1.002	14.695			
8/16/2016 2:10:00 AM	447000.000	12.100	17.699	27.580
6416.054	7455.678	4.151	5069.861	155.859
1.002	14.695			
8/16/2016 2:15:00 AM	447300.000	12.103	17.700	27.586
6422.871	7463.498	4.156	5075.179	155.694
1.002	14.695			
8/16/2016 2:20:00 AM	447600.000	12.105	17.700	27.590
6428.369	7469.886	4.160	5079.522	155.560
1.002	14.694			
8/16/2016 2:25:00 AM	447900.000	12.104	17.701	27.588
6432.788	7474.935	4.163	5082.957	155.454
1.002	14.693			
8/16/2016 2:30:00 AM	448200.000	12.104	17.700	27.588
6438.396	7481.611	4.167	5087.496	155.318
1.002	14.693			
8/16/2016 2:35:00 AM	448500.000	12.100	17.700	27.580
6443.405	7487.447	4.170	5091.464	155.197
1.002	14.693			
8/16/2016 2:40:00 AM	448800.000	12.104	17.700	27.588
6449.229	7494.200	4.174	5096.056	155.057
1.002	14.693			
8/16/2016 2:45:00 AM	449100.000	12.099	17.700	27.577
6453.141	7498.715	4.177	5099.127	154.963
1.002	14.693			
8/16/2016 2:50:00 AM	449400.000	12.103	17.700	27.586
6457.988	7504.348	4.180	5102.957	154.847
1.002	14.693			
8/16/2016 2:55:00 AM	449700.000	12.103	17.699	27.586
6463.882	7511.256	4.185	5107.654	154.706
1.002	14.694			
8/16/2016 3:00:00 AM	450000.000	12.099	17.700	27.577
6468.166	7516.191	4.187	5111.011	154.603
1.002	14.694			
8/16/2016 3:05:00 AM	450300.000	12.104	17.700	27.588
6471.277	7519.733	4.190	5113.419	154.529
1.002	14.694			
8/16/2016 3:10:00 AM	450600.000	12.100	17.700	27.579
6474.347	7523.300	4.192	5115.844	154.456
1.002	14.694			
8/16/2016 3:15:00 AM	450900.000	12.098	17.700	27.575
6478.597	7528.268	4.195	5119.223	154.354
1.002	14.694			
8/16/2016 3:20:00 AM	451200.000	12.103	17.700	27.587
6481.568	7531.705	4.197	5121.560	154.284
1.002	14.693			
8/16/2016 3:25:00 AM	451500.000	12.103	17.699	27.588
6486.285	7537.317	4.200	5125.376	154.171
1.002	14.692			
8/16/2016 3:30:00 AM	451800.000	12.099	17.700	27.577
6487.541	7538.707	4.201	5126.320	154.142

1.002	14.692			
8/16/2016 3:35:00 AM	452100.000	12.105	17.700	27.591
6493.971	7546.061	4.205	5131.322	153.989
1.002	14.690			
8/16/2016 3:40:00 AM	452400.000	12.102	17.700	27.585
6494.884	7547.178	4.206	5132.082	153.967
1.002	14.688			
8/16/2016 3:45:00 AM	452700.000	12.109	17.700	27.601
6497.263	7549.987	4.208	5133.991	153.911
1.002	14.687			
8/16/2016 3:50:00 AM	453000.000	12.106	17.700	27.593
6499.951	7553.110	4.209	5136.116	153.847
1.002	14.689			
8/16/2016 3:55:00 AM	453300.000	12.101	17.700	27.582
6502.371	7555.865	4.211	5137.989	153.790
1.002	14.691			
8/16/2016 4:00:00 AM	453600.000	12.103	17.700	27.587
6504.972	7558.917	4.213	5140.064	153.729
1.002	14.693			
8/16/2016 4:05:00 AM	453900.000	12.106	17.700	27.593
6506.721	7560.877	4.214	5141.396	153.687
1.002	14.691			
8/16/2016 4:10:00 AM	454200.000	12.103	17.700	27.587
6509.313	7563.990	4.216	5143.513	153.626
1.002	14.688			
8/16/2016 4:15:00 AM	454500.000	12.107	17.700	27.595
6509.958	7564.710	4.216	5144.003	153.611
1.002	14.685			
8/16/2016 4:20:00 AM	454800.000	12.106	17.700	27.594
6512.718	7567.946	4.218	5146.204	153.546
1.002	14.688			
8/16/2016 4:25:00 AM	455100.000	12.098	17.700	27.576
6515.209	7570.797	4.220	5148.143	153.487
1.002	14.691			
8/16/2016 4:30:00 AM	455400.000	12.099	17.700	27.578
6516.076	7571.834	4.221	5148.848	153.467
1.002	14.694			
8/16/2016 4:35:00 AM	455700.000	12.097	17.700	27.573
6513.994	7569.371	4.219	5147.172	153.516
1.002	14.693			
8/16/2016 4:40:00 AM	456000.000	12.098	17.700	27.575
6504.178	7557.964	4.212	5139.416	153.747
1.002	14.691			
8/16/2016 4:45:00 AM	456300.000	12.105	17.700	27.590
6480.290	7530.207	4.196	5120.541	154.314
1.002	14.689			
8/16/2016 4:50:00 AM	456600.000	12.102	17.700	27.584
6449.528	7494.461	4.175	5096.234	155.050
1.002	14.689			
8/16/2016 4:55:00 AM	456900.000	12.105	17.700	27.591
6424.055	7464.818	4.157	5076.077	155.665
1.002	14.688			
8/16/2016 5:00:00 AM	457200.000	12.106	17.700	27.593
6400.716	7437.740	4.141	5057.664	156.233
1.002	14.688			
8/16/2016 5:05:00 AM	457500.000	12.107	17.701	27.596
6382.415	7416.388	4.128	5043.144	156.681
1.002	14.686			

8/16/2016 5:10:00 AM	457800.000	12.111	17.701	27.604
6364.422	7395.450	4.116	5028.906	157.123
1.002	14.683			
8/16/2016 5:15:00 AM	458100.000	12.113	17.701	27.608
6350.163	7378.896	4.106	5017.650	157.476
1.002	14.680			
8/16/2016 5:20:00 AM	458400.000	12.112	17.701	27.606
6338.359	7365.208	4.098	5008.342	157.770
1.002	14.683			
8/16/2016 5:25:00 AM	458700.000	12.109	17.701	27.600
6323.569	7348.010	4.087	4996.647	158.139
1.002	14.686			
8/16/2016 5:30:00 AM	459000.000	12.107	17.701	27.595
6312.785	7335.435	4.080	4988.096	158.409
1.002	14.688			
8/16/2016 5:35:00 AM	459300.000	12.107	17.700	27.596
6304.483	7325.859	4.074	4981.584	158.617
1.002	14.690			
8/16/2016 5:40:00 AM	459600.000	12.104	17.701	27.589
6292.230	7311.478	4.066	4971.806	158.926
1.002	14.691			
8/16/2016 5:45:00 AM	459900.000	12.104	17.701	27.590
6281.993	7299.599	4.059	4963.728	159.185
1.002	14.693			
8/16/2016 5:50:00 AM	460200.000	12.104	17.701	27.588
6272.943	7289.152	4.052	4956.624	159.415
1.002	14.693			
8/16/2016 5:55:00 AM	460500.000	12.099	17.701	27.577
6262.804	7277.343	4.045	4948.594	159.673
1.002	14.694			
8/16/2016 6:00:00 AM	460800.000	12.105	17.701	27.592
6253.585	7266.659	4.039	4941.329	159.908
1.002	14.694			
8/16/2016 6:05:00 AM	461100.000	12.108	17.701	27.597
6245.210	7256.900	4.033	4934.692	160.123
1.002	14.693			
8/16/2016 6:10:00 AM	461400.000	12.105	17.701	27.591
6240.250	7251.149	4.030	4930.781	160.250
1.002	14.692			
8/16/2016 6:15:00 AM	461700.000	12.102	17.701	27.584
6231.459	7240.934	4.024	4923.836	160.476
1.002	14.692			
8/16/2016 6:20:00 AM	462000.000	12.104	17.701	27.588
6224.327	7232.647	4.019	4918.201	160.660
1.002	14.693			
8/16/2016 6:25:00 AM	462300.000	12.101	17.701	27.581
6217.286	7224.465	4.014	4912.636	160.842
1.002	14.695			
8/16/2016 6:30:00 AM	462600.000	12.104	17.701	27.589
6208.901	7214.651	4.008	4905.963	161.059
1.002	14.697			
8/16/2016 6:35:00 AM	462900.000	12.103	17.701	27.587
6204.286	7209.331	4.005	4902.346	161.179
1.002	14.697			
8/16/2016 6:40:00 AM	463200.000	12.104	17.701	27.590
6196.257	7199.975	3.999	4895.983	161.388
1.002	14.697			
8/16/2016 6:45:00 AM	463500.000	12.100	17.701	27.579

6192.634	7195.749	3.997	4893.109	161.482
1.002	14.697			
8/16/2016 6:50:00 AM	463800.000	12.104	17.701	27.589
6186.308	7188.414	3.992	4888.121	161.647
1.002	14.698			
8/16/2016 6:55:00 AM	464100.000	12.105	17.701	27.590
6179.994	7181.077	3.988	4883.132	161.812
1.002	14.699			
8/16/2016 7:00:00 AM	464400.000	12.101	17.701	27.581
6174.853	7175.144	3.985	4879.099	161.947
1.002	14.700			
8/16/2016 7:05:00 AM	464700.000	12.103	17.701	27.586
6169.064	7168.432	3.981	4874.534	162.099
1.002	14.700			
8/16/2016 7:10:00 AM	465000.000	12.104	17.701	27.588
6164.443	7163.076	3.977	4870.892	162.221
1.002	14.701			
8/16/2016 7:15:00 AM	465300.000	12.103	17.701	27.586
6158.570	7156.183	3.973	4866.204	162.375
1.002	14.701			
8/16/2016 7:20:00 AM	465600.000	12.100	17.701	27.581
6154.228	7151.192	3.970	4862.811	162.490
1.002	14.701			
8/16/2016 7:25:00 AM	465900.000	12.103	17.701	27.586
6148.537	7144.579	3.966	4858.314	162.640
1.002	14.702			
8/16/2016 7:30:00 AM	466200.000	12.103	17.701	27.587
6146.064	7141.692	3.965	4856.351	162.706
1.002	14.702			
8/16/2016 7:35:00 AM	466500.000	12.102	17.702	27.585
6139.461	7133.908	3.960	4851.058	162.881
1.002	14.702			
8/16/2016 7:40:00 AM	466800.000	12.097	17.701	27.574
6137.284	7131.516	3.959	4849.432	162.939
1.002	14.703			
8/16/2016 7:45:00 AM	467100.000	12.102	17.701	27.585
6132.444	7125.879	3.955	4845.598	163.067
1.002	14.703			
8/16/2016 7:50:00 AM	467400.000	12.103	17.700	27.587
6129.845	7122.943	3.954	4843.601	163.136
1.002	14.702			
8/16/2016 7:55:00 AM	467700.000	12.103	17.701	27.585
6123.891	7115.899	3.949	4838.812	163.295
1.002	14.702			
8/16/2016 8:00:00 AM	468000.000	12.102	17.701	27.584
6120.755	7112.255	3.947	4836.334	163.379
1.002	14.701			
8/16/2016 8:05:00 AM	468300.000	12.100	17.701	27.579
6117.706	7108.740	3.945	4833.943	163.460
1.002	14.701			
8/16/2016 8:10:00 AM	468600.000	12.101	17.701	27.583
6116.908	7107.799	3.945	4833.303	163.481
1.002	14.702			
8/16/2016 8:15:00 AM	468900.000	12.102	17.701	27.583
6113.195	7103.499	3.942	4830.379	163.581
1.002	14.703			
8/16/2016 8:20:00 AM	469200.000	12.101	17.701	27.582
6109.175	7098.771	3.939	4827.165	163.688

1.002	14.703			
8/16/2016 8:25:00 AM	469500.000	12.100	17.700	27.579
6106.408	7095.694	3.937	4825.072	163.762
1.002	14.704			
8/16/2016 8:30:00 AM	469800.000	12.097	17.701	27.573
6105.073	7094.087	3.936	4823.980	163.798
1.002	14.704			
8/16/2016 8:35:00 AM	470100.000	12.099	17.701	27.578
6102.204	7090.768	3.934	4821.723	163.875
1.002	14.704			
8/16/2016 8:40:00 AM	470400.000	12.099	17.701	27.577
6100.570	7088.869	3.933	4820.431	163.919
1.002	14.704			
8/16/2016 8:45:00 AM	470700.000	12.094	17.701	27.566
6098.713	7086.697	3.932	4818.955	163.969
1.002	14.704			
8/16/2016 8:50:00 AM	471000.000	12.094	17.701	27.566
6094.612	7081.891	3.929	4815.686	164.079
1.002	14.704			
8/16/2016 8:55:00 AM	471300.000	12.097	17.701	27.572
6093.548	7080.655	3.928	4814.846	164.108
1.002	14.705			
8/16/2016 9:00:00 AM	471600.000	12.098	17.701	27.575
6092.044	7078.894	3.927	4813.648	164.149
1.002	14.705			
8/16/2016 9:05:00 AM	471900.000	12.099	17.701	27.577
6088.718	7075.029	3.925	4811.021	164.238
1.002	14.704			
8/16/2016 9:10:00 AM	472200.000	12.101	17.701	27.581
6085.460	7071.339	3.923	4808.511	164.326
1.002	14.703			
8/16/2016 9:15:00 AM	472500.000	12.102	17.701	27.585
6083.519	7069.028	3.922	4806.939	164.379
1.002	14.702			
8/16/2016 9:20:00 AM	472800.000	12.097	17.701	27.574
6081.453	7066.641	3.920	4805.316	164.434
1.002	14.706			
8/16/2016 9:25:00 AM	473100.000	12.093	17.701	27.565
6080.067	7065.060	3.919	4804.241	164.472
1.002	14.709			
8/16/2016 9:30:00 AM	473400.000	12.084	17.701	27.542
6076.417	7060.830	3.917	4801.365	164.571
1.002	14.713			
8/16/2016 9:35:00 AM	473700.000	12.093	17.701	27.563
6074.104	7058.034	3.915	4799.463	164.633
1.002	14.708			
8/16/2016 9:40:00 AM	474000.000	12.091	17.701	27.560
6072.483	7056.218	3.914	4798.228	164.677
1.002	14.703			
8/16/2016 9:45:00 AM	474300.000	12.100	17.701	27.580
6068.836	7052.009	3.911	4795.366	164.776
1.002	14.699			
8/16/2016 9:50:00 AM	474600.000	12.100	17.701	27.580
6067.538	7050.486	3.911	4794.331	164.811
1.002	14.698			
8/16/2016 9:55:00 AM	474900.000	12.097	17.701	27.573
6066.563	7049.326	3.910	4793.542	164.838
1.002	14.698			

8/16/2016 10:00:00 AM	475200.000	12.100	17.701	27.581
6063.519	7045.788	3.908	4791.136	164.921
1.002	14.698			
8/16/2016 10:05:00 AM	475500.000	12.100	17.701	27.579
6062.989	7045.173	3.907	4790.718	164.935
1.002	14.699			
8/16/2016 10:10:00 AM	475800.000	12.098	17.701	27.575
6062.433	7044.568	3.907	4790.307	164.950
1.002	14.701			
8/16/2016 10:15:00 AM	476100.000	12.091	17.701	27.558
6059.478	7041.105	3.905	4787.952	165.031
1.002	14.702			
8/16/2016 10:20:00 AM	476400.000	12.097	17.701	27.572
6060.900	7042.746	3.906	4789.067	164.992
1.002	14.702			
8/16/2016 10:25:00 AM	476700.000	12.096	17.701	27.571
6057.969	7039.394	3.904	4786.789	165.072
1.002	14.702			
8/16/2016 10:30:00 AM	477000.000	12.097	17.701	27.572
6057.846	7039.238	3.904	4786.682	165.075
1.002	14.703			
8/16/2016 10:35:00 AM	477300.000	12.097	17.701	27.572
6056.863	7038.082	3.903	4785.896	165.102
1.002	14.702			
8/16/2016 10:40:00 AM	477600.000	12.096	17.701	27.571
6056.479	7037.622	3.903	4785.583	165.112
1.002	14.701			
8/16/2016 10:45:00 AM	477900.000	12.092	17.701	27.563
6056.521	7037.712	3.903	4785.644	165.111
1.002	14.701			
8/16/2016 10:50:00 AM	478200.000	12.095	17.701	27.568
6055.884	7036.930	3.903	4785.113	165.129
1.002	14.702			
8/16/2016 10:55:00 AM	478500.000	12.093	17.701	27.564
6054.668	7035.531	3.902	4784.162	165.162
1.002	14.704			
8/16/2016 11:00:00 AM	478800.000	12.089	17.702	27.555
6055.770	7036.688	3.902	4784.948	165.132
1.002	14.706			
8/16/2016 11:05:00 AM	479100.000	12.093	17.701	27.563
6054.467	7035.270	3.902	4783.984	165.167
1.002	14.707			
8/16/2016 11:10:00 AM	479400.000	12.092	17.701	27.562
6055.335	7036.252	3.902	4784.652	165.144
1.002	14.708			
8/16/2016 11:15:00 AM	479700.000	12.087	17.701	27.549
6052.629	7033.148	3.900	4782.541	165.217
1.002	14.709			
8/16/2016 11:20:00 AM	480000.000	12.091	17.701	27.559
6055.084	7035.905	3.902	4784.416	165.150
1.002	14.705			
8/16/2016 11:25:00 AM	480300.000	12.095	17.701	27.569
6054.183	7034.981	3.901	4783.788	165.175
1.002	14.701			
8/16/2016 11:30:00 AM	480600.000	12.103	17.701	27.587
6053.602	7034.292	3.901	4783.318	165.191
1.002	14.697			
8/16/2016 11:35:00 AM	480900.000	12.100	17.701	27.581

6052.749	7033.233	3.900	4782.599	165.214
1.002	14.699			
8/16/2016 11:40:00 AM	481200.000	12.097	17.701	27.572
6052.511	7032.970	3.900	4782.420	165.221
1.002	14.701			
8/16/2016 11:45:00 AM	481500.000	12.096	17.701	27.571
6053.213	7033.759	3.901	4782.957	165.202
1.002	14.703			
8/16/2016 11:50:00 AM	481800.000	12.096	17.701	27.571
6053.992	7034.648	3.901	4783.561	165.180
1.002	14.704			
8/16/2016 11:55:00 AM	482100.000	12.089	17.700	27.556
6053.136	7033.847	3.901	4783.016	165.204
1.002	14.706			
8/16/2016 12:00:00 PM	482400.000	12.093	17.700	27.564
6053.429	7034.131	3.901	4783.210	165.196
1.002	14.707			
8/16/2016 12:05:00 PM	482700.000	12.093	17.701	27.564
6052.141	7032.609	3.900	4782.175	165.231
1.002	14.707			
8/16/2016 12:10:00 PM	483000.000	12.094	17.701	27.565
6051.406	7031.755	3.899	4781.593	165.251
1.002	14.706			
8/16/2016 12:15:00 PM	483300.000	12.094	17.701	27.566
6051.485	7031.805	3.900	4781.627	165.249
1.002	14.705			
8/16/2016 12:20:00 PM	483600.000	12.089	17.701	27.554
6052.145	7032.626	3.900	4782.186	165.231
1.002	14.706			
8/16/2016 12:25:00 PM	483900.000	12.086	17.701	27.548
6051.218	7031.508	3.899	4781.426	165.256
1.002	14.707			
8/16/2016 12:30:00 PM	484200.000	12.092	17.701	27.561
6051.557	7031.930	3.900	4781.712	165.247
1.002	14.708			
8/16/2016 12:35:00 PM	484500.000	12.094	17.700	27.567
6052.440	7033.010	3.900	4782.447	165.223
1.002	14.705			
8/16/2016 12:40:00 PM	484800.000	12.095	17.700	27.569
6050.763	7031.049	3.899	4781.114	165.268
1.002	14.703			
8/16/2016 12:45:00 PM	485100.000	12.094	17.701	27.567
6051.818	7032.219	3.900	4781.910	165.240
1.002	14.701			
8/16/2016 12:50:00 PM	485400.000	12.093	17.701	27.563
6051.144	7031.463	3.899	4781.396	165.258
1.002	14.704			
8/16/2016 12:55:00 PM	485700.000	12.089	17.701	27.555
6053.290	7033.916	3.901	4783.063	165.199
1.002	14.706			
8/16/2016 1:00:00 PM	486000.000	12.091	17.701	27.558
6051.468	7031.828	3.900	4781.644	165.249
1.002	14.709			
8/16/2016 1:05:00 PM	486300.000	12.090	17.701	27.556
6052.896	7033.472	3.901	4782.761	165.210
1.002	14.709			
8/16/2016 1:10:00 PM	486600.000	12.087	17.700	27.549
6051.383	7031.770	3.899	4781.604	165.251

1.002	14.708			
8/16/2016 1:15:00 PM	486900.000	12.085	17.701	27.545
6054.502	7035.297	3.902	4784.003	165.166
1.002	14.708			
8/16/2016 1:20:00 PM	487200.000	12.090	17.701	27.556
6051.500	7031.822	3.900	4781.639	165.248
1.002	14.707			
8/16/2016 1:25:00 PM	487500.000	12.091	17.701	27.559
6052.440	7032.902	3.900	4782.374	165.223
1.002	14.705			
8/16/2016 1:30:00 PM	487800.000	12.093	17.700	27.565
6052.472	7033.062	3.900	4782.482	165.222
1.002	14.704			
8/16/2016 1:35:00 PM	488100.000	12.091	17.700	27.558
6051.711	7032.151	3.900	4781.863	165.243
1.002	14.705			
8/16/2016 1:40:00 PM	488400.000	12.090	17.701	27.558
6052.072	7032.529	3.900	4782.120	165.233
1.002	14.707			
8/16/2016 1:45:00 PM	488700.000	12.087	17.701	27.549
6052.470	7032.963	3.900	4782.416	165.222
1.002	14.708			
8/16/2016 1:50:00 PM	489000.000	12.087	17.701	27.550
6053.479	7034.164	3.901	4783.232	165.194
1.002	14.706			
8/16/2016 1:55:00 PM	489300.000	12.092	17.701	27.561
6053.565	7034.222	3.901	4783.271	165.192
1.002	14.704			
8/16/2016 2:00:00 PM	489600.000	12.092	17.701	27.561
6053.313	7033.943	3.901	4783.081	165.199
1.002	14.703			
8/16/2016 2:05:00 PM	489900.000	12.084	17.700	27.544
6054.065	7034.871	3.901	4783.712	165.178
1.002	14.704			
8/16/2016 2:10:00 PM	490200.000	12.083	17.701	27.541
6056.865	7038.111	3.903	4785.916	165.102
1.002	14.706			
8/16/2016 2:15:00 PM	490500.000	12.083	17.700	27.541
6056.581	7037.810	3.903	4785.711	165.110
1.002	14.708			
8/16/2016 2:20:00 PM	490800.000	12.085	17.701	27.545
6055.724	7036.757	3.902	4784.996	165.133
1.002	14.705			
8/16/2016 2:25:00 PM	491100.000	12.090	17.700	27.557
6055.645	7036.774	3.902	4785.006	165.135
1.002	14.702			
8/16/2016 2:30:00 PM	491400.000	12.091	17.700	27.559
6056.454	7037.662	3.903	4785.610	165.113
1.002	14.699			
8/16/2016 2:35:00 PM	491700.000	12.091	17.701	27.559
6055.606	7036.607	3.902	4784.893	165.136
1.002	14.698			
8/16/2016 2:40:00 PM	492000.000	12.091	17.701	27.558
6055.285	7036.262	3.902	4784.658	165.145
1.002	14.697			
8/16/2016 2:45:00 PM	492300.000	12.087	17.701	27.549
6055.418	7036.375	3.902	4784.736	165.141
1.002	14.697			

8/16/2016 2:50:00 PM	492600.000	12.091	17.700	27.559
6056.981	7038.301	3.903	4786.044	165.099
1.002	14.696			
8/16/2016 2:55:00 PM	492900.000	12.089	17.701	27.555
6056.256	7037.349	3.903	4785.397	165.118
1.002	14.696			
8/16/2016 3:00:00 PM	493200.000	12.089	17.701	27.554
6058.120	7039.557	3.904	4786.899	165.068
1.002	14.696			
8/16/2016 3:05:00 PM	493500.000	12.089	17.700	27.555
6057.887	7039.312	3.904	4786.732	165.074
1.002	14.695			
8/16/2016 3:10:00 PM	493800.000	12.089	17.701	27.554
6059.077	7040.654	3.905	4787.646	165.042
1.002	14.694			
8/16/2016 3:15:00 PM	494100.000	12.089	17.701	27.555
6057.532	7038.886	3.904	4786.443	165.084
1.002	14.693			
8/16/2016 3:20:00 PM	494400.000	12.085	17.700	27.546
6057.493	7038.896	3.904	4786.449	165.085
1.002	14.693			
8/16/2016 3:25:00 PM	494700.000	12.089	17.700	27.555
6058.197	7039.728	3.904	4787.015	165.066
1.002	14.693			
8/16/2016 3:30:00 PM	495000.000	12.085	17.701	27.545
6057.326	7038.605	3.904	4786.251	165.089
1.002	14.693			
8/16/2016 3:35:00 PM	495300.000	12.088	17.701	27.552
6058.089	7039.506	3.904	4786.864	165.069
1.002	14.693			
8/16/2016 3:40:00 PM	495600.000	12.087	17.701	27.551
6057.102	7038.374	3.903	4786.095	165.095
1.002	14.693			
8/16/2016 3:45:00 PM	495900.000	12.080	17.700	27.535
6057.627	7039.010	3.904	4786.527	165.081
1.002	14.693			
8/16/2016 3:50:00 PM	496200.000	12.081	17.701	27.536
6057.917	7039.333	3.904	4786.747	165.073
1.002	14.692			
8/16/2016 3:55:00 PM	496500.000	12.087	17.700	27.551
6057.633	7039.032	3.904	4786.542	165.081
1.002	14.691			
8/16/2016 4:00:00 PM	496800.000	12.088	17.701	27.553
6059.240	7040.843	3.905	4787.773	165.037
1.002	14.690			
8/16/2016 4:05:00 PM	497100.000	12.088	17.700	27.553
6059.600	7041.317	3.905	4788.096	165.027
1.002	14.690			
8/16/2016 4:10:00 PM	497400.000	12.087	17.701	27.549
6059.141	7040.729	3.905	4787.695	165.040
1.002	14.691			
8/16/2016 4:15:00 PM	497700.000	12.080	17.700	27.535
6060.876	7042.813	3.906	4789.113	164.993
1.002	14.691			
8/16/2016 4:20:00 PM	498000.000	12.083	17.700	27.540
6060.808	7042.706	3.906	4789.040	164.995
1.002	14.691			
8/16/2016 4:25:00 PM	498300.000	12.080	17.700	27.535

6061.414	7043.465	3.906	4789.557	164.978
1.002	14.690			
8/16/2016 4:30:00 PM	498600.000	12.084	17.701	27.543
6060.962	7042.872	3.906	4789.153	164.990
1.002	14.690			
8/16/2016 4:35:00 PM	498900.000	12.087	17.700	27.550
6061.752	7043.803	3.907	4789.786	164.969
1.002	14.689			
8/16/2016 4:40:00 PM	499200.000	12.087	17.701	27.551
6061.443	7043.431	3.906	4789.533	164.977
1.002	14.688			
8/16/2016 4:45:00 PM	499500.000	12.089	17.701	27.554
6061.913	7043.977	3.907	4789.905	164.964
1.002	14.687			
8/16/2016 4:50:00 PM	499800.000	12.086	17.701	27.548
6062.377	7044.449	3.907	4790.226	164.952
1.002	14.688			
8/16/2016 4:55:00 PM	500100.000	12.084	17.701	27.543
6063.989	7046.321	3.908	4791.499	164.908
1.002	14.689			
8/16/2016 5:00:00 PM	500400.000	12.082	17.700	27.538
6063.757	7046.161	3.908	4791.390	164.914
1.002	14.691			
8/16/2016 5:05:00 PM	500700.000	12.082	17.701	27.539
6064.307	7046.731	3.908	4791.778	164.899
1.002	14.690			
8/16/2016 5:10:00 PM	501000.000	12.083	17.701	27.542
6062.827	7045.011	3.907	4790.608	164.940
1.002	14.690			
8/16/2016 5:15:00 PM	501300.000	12.078	17.701	27.529
6063.719	7046.048	3.908	4791.313	164.915
1.002	14.689			
8/16/2016 5:20:00 PM	501600.000	12.084	17.700	27.543
6063.830	7046.233	3.908	4791.438	164.912
1.002	14.688			
8/16/2016 5:25:00 PM	501900.000	12.078	17.701	27.529
6064.360	7046.793	3.908	4791.819	164.898
1.002	14.687			
8/16/2016 5:30:00 PM	502200.000	12.085	17.700	27.545
6066.032	7048.804	3.910	4793.187	164.852
1.002	14.685			
8/16/2016 5:35:00 PM	502500.000	12.081	17.700	27.537
6065.364	7048.042	3.909	4792.669	164.871
1.002	14.684			
8/16/2016 5:40:00 PM	502800.000	12.086	17.700	27.547
6065.334	7047.981	3.909	4792.628	164.871
1.002	14.683			
8/16/2016 5:45:00 PM	503100.000	12.083	17.701	27.542
6066.062	7048.797	3.910	4793.183	164.852
1.002	14.681			
8/16/2016 5:50:00 PM	503400.000	12.086	17.701	27.548
6065.441	7048.064	3.909	4792.684	164.868
1.002	14.682			
8/16/2016 5:55:00 PM	503700.000	12.084	17.701	27.544
6065.836	7048.454	3.909	4792.949	164.858
1.002	14.683			
8/16/2016 6:00:00 PM	504000.000	12.082	17.701	27.540
6065.867	7048.571	3.909	4793.028	164.857

1.002	14.684			
8/16/2016 6:05:00 PM	504300.000	12.084	17.700	27.542
6065.833	7048.561	3.909	4793.021	164.858
1.002	14.683			
8/16/2016 6:10:00 PM	504600.000	12.080	17.701	27.535
6066.713	7049.554	3.910	4793.697	164.834
1.002	14.682			
8/16/2016 6:15:00 PM	504900.000	12.087	17.701	27.549
6066.181	7048.909	3.910	4793.258	164.848
1.002	14.680			
8/16/2016 6:20:00 PM	505200.000	12.086	17.700	27.547
6065.932	7048.688	3.910	4793.108	164.855
1.002	14.679			
8/16/2016 6:25:00 PM	505500.000	12.086	17.701	27.547
6067.190	7050.109	3.910	4794.075	164.821
1.002	14.678			
8/16/2016 6:30:00 PM	505800.000	12.084	17.701	27.544
6065.925	7048.626	3.909	4793.066	164.855
1.002	14.677			
8/16/2016 6:35:00 PM	506100.000	12.087	17.700	27.550
6065.823	7048.562	3.909	4793.022	164.858
1.002	14.678			
8/16/2016 6:40:00 PM	506400.000	12.086	17.700	27.547
6065.373	7048.011	3.909	4792.648	164.870
1.002	14.679			
8/16/2016 6:45:00 PM	506700.000	12.080	17.700	27.534
6066.333	7049.181	3.910	4793.443	164.844
1.002	14.679			
8/16/2016 6:50:00 PM	507000.000	12.084	17.701	27.544
6066.226	7048.947	3.910	4793.284	164.847
1.002	14.679			
8/16/2016 6:55:00 PM	507300.000	12.080	17.701	27.534
6065.911	7048.622	3.909	4793.063	164.856
1.002	14.679			
8/16/2016 7:00:00 PM	507600.000	12.078	17.701	27.530
6067.423	7050.338	3.911	4794.230	164.815
1.002	14.679			
8/16/2016 7:05:00 PM	507900.000	12.082	17.700	27.539
6067.704	7050.828	3.911	4794.563	164.807
1.002	14.680			
8/16/2016 7:10:00 PM	508200.000	12.083	17.700	27.540
6067.870	7050.979	3.911	4794.667	164.802
1.002	14.681			
8/16/2016 7:15:00 PM	508500.000	12.078	17.701	27.528
6069.367	7052.611	3.912	4795.776	164.762
1.002	14.681			
8/16/2016 7:20:00 PM	508800.000	12.077	17.701	27.527
6067.020	7049.870	3.910	4793.912	164.826
1.002	14.683			
8/16/2016 7:25:00 PM	509100.000	12.080	17.700	27.535
6068.082	7051.186	3.911	4794.807	164.797
1.002	14.684			
8/16/2016 7:30:00 PM	509400.000	12.080	17.700	27.534
6066.728	7049.601	3.910	4793.729	164.833
1.002	14.685			
8/16/2016 7:35:00 PM	509700.000	12.076	17.701	27.526
6067.454	7050.388	3.911	4794.264	164.814
1.002	14.684			

8/16/2016 7:40:00 PM	510000.000	12.084	17.701	27.543
6069.606	7052.903	3.912	4795.974	164.755
1.002	14.683			
8/16/2016 7:45:00 PM	510300.000	12.085	17.700	27.546
6071.547	7055.186	3.913	4797.526	164.703
1.002	14.682			
8/16/2016 7:50:00 PM	510600.000	12.085	17.701	27.546
6070.029	7053.408	3.912	4796.318	164.744
1.002	14.682			
8/16/2016 7:55:00 PM	510900.000	12.080	17.700	27.534
6070.960	7054.558	3.913	4797.100	164.719
1.002	14.682			
8/16/2016 8:00:00 PM	511200.000	12.084	17.701	27.544
6070.388	7053.783	3.913	4796.573	164.734
1.002	14.682			
8/16/2016 8:05:00 PM	511500.000	12.085	17.700	27.545
6069.858	7053.222	3.912	4796.191	164.749
1.002	14.681			
8/16/2016 8:10:00 PM	511800.000	12.086	17.701	27.548
6069.144	7052.379	3.912	4795.618	164.768
1.002	14.680			
8/16/2016 8:15:00 PM	512100.000	12.086	17.700	27.547
6069.383	7052.671	3.912	4795.816	164.761
1.002	14.679			
8/16/2016 8:20:00 PM	512400.000	12.085	17.701	27.545
6069.973	7053.330	3.912	4796.264	164.745
1.002	14.681			
8/16/2016 8:25:00 PM	512700.000	12.083	17.701	27.542
6070.857	7054.358	3.913	4796.964	164.721
1.002	14.683			
8/16/2016 8:30:00 PM	513000.000	12.081	17.700	27.537
6068.776	7051.993	3.911	4795.356	164.778
1.002	14.685			
8/16/2016 8:35:00 PM	513300.000	12.082	17.700	27.538
6070.690	7054.205	3.913	4796.860	164.726
1.002	14.686			
8/16/2016 8:40:00 PM	513600.000	12.080	17.701	27.535
6068.217	7051.261	3.911	4794.858	164.793
1.002	14.688			
8/16/2016 8:45:00 PM	513900.000	12.078	17.701	27.529
6068.816	7051.999	3.911	4795.359	164.777
1.002	14.690			
8/16/2016 8:50:00 PM	514200.000	12.079	17.701	27.532
6069.223	7052.444	3.912	4795.663	164.766
1.002	14.690			
8/16/2016 8:55:00 PM	514500.000	12.079	17.701	27.531
6068.454	7051.523	3.911	4795.036	164.787
1.002	14.690			
8/16/2016 9:00:00 PM	514800.000	12.076	17.701	27.526
6069.243	7052.426	3.912	4795.650	164.765
1.002	14.690			
8/16/2016 9:05:00 PM	515100.000	12.081	17.700	27.536
6069.459	7052.759	3.912	4795.876	164.759
1.002	14.690			
8/16/2016 9:10:00 PM	515400.000	12.076	17.701	27.525
6068.052	7050.974	3.911	4794.663	164.798
1.002	14.691			
8/16/2016 9:15:00 PM	515700.000	12.079	17.701	27.533

6069.037	7052.243	3.912	4795.525	164.771
1.002	14.691			
8/16/2016 9:20:00 PM	516000.000	12.081	17.700	27.537
6070.356	7053.801	3.913	4796.585	164.735
1.002	14.692			
8/16/2016 9:25:00 PM	516300.000	12.082	17.700	27.538
6074.308	7058.435	3.915	4799.735	164.628
1.002	14.693			
8/16/2016 9:30:00 PM	516600.000	12.081	17.700	27.537
6093.721	7081.006	3.929	4815.085	164.103
1.002	14.695			
8/16/2016 9:35:00 PM	516900.000	12.082	17.700	27.538
6124.938	7117.282	3.950	4839.752	163.267
1.002	14.693			
8/16/2016 9:40:00 PM	517200.000	12.082	17.700	27.539
6154.455	7151.541	3.971	4863.048	162.484
1.002	14.691			
8/16/2016 9:45:00 PM	517500.000	12.079	17.700	27.532
6180.777	7182.238	3.989	4883.922	161.792
1.002	14.690			
8/16/2016 9:50:00 PM	517800.000	12.083	17.700	27.541
6203.754	7208.895	4.005	4902.049	161.193
1.002	14.691			
8/16/2016 9:55:00 PM	518100.000	12.079	17.700	27.532
6223.793	7232.250	4.018	4917.931	160.674
1.002	14.693			
8/16/2016 10:00:00 PM	518400.000	12.074	17.700	27.521
6242.669	7254.185	4.032	4932.846	160.188
1.002	14.695			
8/16/2016 10:05:00 PM	518700.000	12.077	17.700	27.526
6259.142	7273.284	4.043	4945.833	159.766
1.002	14.695			
8/16/2016 10:10:00 PM	519000.000	12.072	17.700	27.515
6277.875	7295.025	4.056	4960.618	159.290
1.002	14.696			
8/16/2016 10:15:00 PM	519300.000	12.071	17.700	27.514
6292.723	7312.334	4.066	4972.387	158.914
1.002	14.696			
8/16/2016 10:20:00 PM	519600.000	12.075	17.699	27.522
6307.946	7330.052	4.077	4984.436	158.530
1.002	14.694			
8/16/2016 10:25:00 PM	519900.000	12.080	17.700	27.533
6320.386	7344.395	4.085	4994.189	158.218
1.002	14.691			
8/16/2016 10:30:00 PM	520200.000	12.077	17.700	27.527
6334.171	7360.470	4.095	5005.120	157.874
1.002	14.689			
8/16/2016 10:35:00 PM	520500.000	12.081	17.699	27.535
6346.079	7374.377	4.103	5014.577	157.578
1.002	14.689			
8/16/2016 10:40:00 PM	520800.000	12.081	17.700	27.535
6356.535	7386.457	4.110	5022.792	157.318
1.002	14.689			
8/16/2016 10:45:00 PM	521100.000	12.081	17.699	27.536
6367.453	7399.215	4.118	5031.466	157.049
1.002	14.689			
8/16/2016 10:50:00 PM	521400.000	12.081	17.700	27.536
6379.312	7412.954	4.126	5040.809	156.757

1.002	14.688			
8/16/2016 10:55:00 PM	521700.000	12.081	17.700	27.536
6388.987	7424.211	4.133	5048.464	156.519
1.002	14.687			
8/16/2016 11:00:00 PM	522000.000	12.085	17.699	27.545
6398.898	7435.742	4.140	5056.305	156.277
1.002	14.686			
8/16/2016 11:05:00 PM	522300.000	12.080	17.700	27.535
6408.401	7446.743	4.146	5063.786	156.045
1.002	14.687			
8/16/2016 11:10:00 PM	522600.000	12.081	17.700	27.536
6416.628	7456.287	4.152	5070.275	155.845
1.002	14.687			
8/16/2016 11:15:00 PM	522900.000	12.082	17.700	27.538
6424.596	7465.518	4.157	5076.552	155.652
1.002	14.688			
8/16/2016 11:20:00 PM	523200.000	12.082	17.700	27.538
6433.496	7475.932	4.163	5083.634	155.436
1.002	14.687			
8/16/2016 11:25:00 PM	523500.000	12.079	17.700	27.533
6441.649	7485.362	4.169	5090.046	155.240
1.002	14.686			
8/16/2016 11:30:00 PM	523800.000	12.085	17.699	27.544
6450.408	7495.641	4.175	5097.036	155.029
1.002	14.685			
8/16/2016 11:35:00 PM	524100.000	12.083	17.700	27.542
6455.804	7501.839	4.179	5101.251	154.899
1.002	14.685			
8/16/2016 11:40:00 PM	524400.000	12.082	17.700	27.540
6463.085	7510.301	4.184	5107.005	154.725
1.002	14.686			
8/16/2016 11:45:00 PM	524700.000	12.082	17.699	27.538
6467.916	7516.000	4.187	5110.881	154.609
1.002	14.686			
8/16/2016 11:50:00 PM	525000.000	12.077	17.700	27.527
6476.640	7526.067	4.193	5117.726	154.401
1.002	14.687			
8/16/2016 11:55:00 PM	525300.000	12.082	17.700	27.539
6481.701	7531.932	4.197	5121.714	154.281
1.002	14.687			
8/17/2016 12:00:00 AM	525600.000	12.082	17.700	27.539
6486.756	7537.763	4.200	5125.680	154.160
1.002	14.687			
8/17/2016 12:05:00 AM	525900.000	12.082	17.699	27.540
6492.868	7544.938	4.205	5130.559	154.015
1.002	14.688			
8/17/2016 12:10:00 AM	526200.000	12.083	17.700	27.540
6497.385	7550.115	4.208	5134.079	153.908
1.002	14.688			
8/17/2016 12:15:00 AM	526500.000	12.077	17.700	27.527
6502.554	7556.152	4.211	5138.183	153.786
1.002	14.688			
8/17/2016 12:20:00 AM	526800.000	12.078	17.700	27.530
6507.433	7561.833	4.215	5142.047	153.670
1.002	14.687			
8/17/2016 12:25:00 AM	527100.000	12.083	17.700	27.541
6510.623	7565.453	4.217	5144.508	153.595
1.002	14.687			

8/17/2016 12:30:00 AM	527400.000	12.081	17.700	27.535
6517.004	7572.956	4.221	5149.610	153.445
1.002	14.686			
8/17/2016 12:35:00 AM	527700.000	12.085	17.700	27.545
6519.783	7576.173	4.223	5151.798	153.379
1.002	14.686			
8/17/2016 12:40:00 AM	528000.000	12.081	17.700	27.536
6523.715	7580.742	4.226	5154.904	153.287
1.002	14.687			
8/17/2016 12:45:00 AM	528300.000	12.084	17.700	27.542
6527.164	7584.761	4.228	5157.638	153.206
1.002	14.687			
8/17/2016 12:50:00 AM	528600.000	12.084	17.700	27.543
6531.431	7589.735	4.231	5161.021	153.106
1.002	14.687			
8/17/2016 12:55:00 AM	528900.000	12.081	17.700	27.536
6535.017	7593.829	4.234	5163.804	153.022
1.002	14.686			
8/17/2016 1:00:00 AM	529200.000	12.086	17.700	27.547
6539.692	7599.320	4.237	5167.538	152.912
1.002	14.685			
8/17/2016 1:05:00 AM	529500.000	12.085	17.700	27.545
6542.220	7602.141	4.239	5169.456	152.853
1.002	14.685			
8/17/2016 1:10:00 AM	529800.000	12.085	17.700	27.546
6545.223	7605.734	4.241	5171.899	152.783
1.002	14.685			
8/17/2016 1:15:00 AM	530100.000	12.086	17.700	27.548
6547.382	7608.256	4.242	5173.614	152.733
1.002	14.685			
8/17/2016 1:20:00 AM	530400.000	12.080	17.700	27.535
6547.827	7608.715	4.243	5173.926	152.722
1.002	14.684			
8/17/2016 1:25:00 AM	530700.000	12.082	17.700	27.539
6551.116	7612.537	4.245	5176.525	152.646
1.002	14.683			
8/17/2016 1:30:00 AM	531000.000	12.086	17.700	27.548
6554.975	7617.066	4.248	5179.605	152.556
1.002	14.683			
8/17/2016 1:35:00 AM	531300.000	12.082	17.700	27.539
6556.115	7618.419	4.248	5180.525	152.529
1.002	14.681			
8/17/2016 1:40:00 AM	531600.000	12.089	17.700	27.554
6558.159	7620.705	4.250	5182.079	152.482
1.002	14.680			
8/17/2016 1:45:00 AM	531900.000	12.085	17.700	27.547
6559.556	7622.255	4.251	5183.134	152.449
1.002	14.678			
8/17/2016 1:50:00 AM	532200.000	12.085	17.700	27.545
6560.220	7623.086	4.251	5183.699	152.434
1.002	14.678			
8/17/2016 1:55:00 AM	532500.000	12.086	17.700	27.548
6562.706	7625.989	4.253	5185.673	152.376
1.002	14.678			
8/17/2016 2:00:00 AM	532800.000	12.091	17.700	27.559
6565.116	7628.789	4.255	5187.577	152.320
1.002	14.678			
8/17/2016 2:05:00 AM	533100.000	12.092	17.700	27.561

6564.784	7628.390	4.254	5187.306	152.328
1.002	14.675			
8/17/2016 2:10:00 AM	533400.000	12.093	17.700	27.564
6567.902	7631.999	4.257	5189.760	152.256
1.002	14.673			
8/17/2016 2:15:00 AM	533700.000	12.095	17.700	27.567
6567.866	7631.929	4.257	5189.711	152.256
1.002	14.671			
8/17/2016 2:20:00 AM	534000.000	12.087	17.700	27.550
6572.253	7637.009	4.260	5193.167	152.155
1.002	14.673			
8/17/2016 2:25:00 AM	534300.000	12.085	17.700	27.546
6570.937	7635.540	4.259	5192.167	152.185
1.002	14.675			
8/17/2016 2:30:00 AM	534600.000	12.089	17.701	27.555
6572.950	7637.775	4.260	5193.688	152.139
1.002	14.678			
8/17/2016 2:35:00 AM	534900.000	12.086	17.700	27.548
6572.423	7637.267	4.260	5193.342	152.151
1.002	14.675			
8/17/2016 2:40:00 AM	535200.000	12.094	17.700	27.566
6575.589	7640.946	4.262	5195.844	152.078
1.002	14.672			
8/17/2016 2:45:00 AM	535500.000	12.098	17.700	27.574
6575.326	7640.715	4.262	5195.687	152.084
1.002	14.669			
8/17/2016 2:50:00 AM	535800.000	12.092	17.700	27.562
6577.115	7642.719	4.263	5197.049	152.042
1.002	14.671			
8/17/2016 2:55:00 AM	536100.000	12.087	17.700	27.549
6576.758	7642.334	4.263	5196.788	152.051
1.002	14.673			
8/17/2016 3:00:00 AM	536400.000	12.091	17.700	27.559
6576.173	7641.682	4.262	5196.344	152.064
1.002	14.675			
8/17/2016 3:05:00 AM	536700.000	12.087	17.700	27.551
6578.021	7643.829	4.264	5197.804	152.021
1.002	14.674			
8/17/2016 3:10:00 AM	537000.000	12.092	17.700	27.561
6577.303	7642.923	4.263	5197.188	152.038
1.002	14.672			
8/17/2016 3:15:00 AM	537300.000	12.096	17.700	27.571
6578.375	7644.169	4.264	5198.035	152.013
1.002	14.670			
8/17/2016 3:20:00 AM	537600.000	12.091	17.700	27.560
6578.283	7644.076	4.264	5197.972	152.015
1.002	14.670			
8/17/2016 3:25:00 AM	537900.000	12.094	17.700	27.565
6580.287	7646.434	4.265	5199.575	151.969
1.002	14.671			
8/17/2016 3:30:00 AM	538200.000	12.090	17.700	27.558
6579.509	7645.458	4.265	5198.911	151.987
1.002	14.671			
8/17/2016 3:35:00 AM	538500.000	12.094	17.701	27.567
6581.412	7647.592	4.266	5200.363	151.943
1.002	14.670			
8/17/2016 3:40:00 AM	538800.000	12.096	17.700	27.570
6579.568	7645.583	4.265	5198.998	151.986

1.002	14.670			
8/17/2016 3:45:00 AM	539100.000	12.095	17.700	27.567
6581.966	7648.342	4.266	5200.873	151.930
1.002	14.669			
8/17/2016 3:50:00 AM	539400.000	12.097	17.700	27.573
6581.831	7648.257	4.266	5200.815	151.933
1.002	14.668			
8/17/2016 3:55:00 AM	539700.000	12.095	17.700	27.567
6582.057	7648.475	4.266	5200.963	151.928
1.002	14.666			
8/17/2016 4:00:00 AM	540000.000	12.099	17.700	27.578
6582.534	7649.016	4.267	5201.331	151.917
1.002	14.664			
8/17/2016 4:05:00 AM	540300.000	12.098	17.700	27.575
6580.434	7646.575	4.265	5199.671	151.966
1.002	14.666			
8/17/2016 4:10:00 AM	540600.000	12.095	17.701	27.568
6580.112	7646.127	4.265	5199.367	151.973
1.002	14.668			
8/17/2016 4:15:00 AM	540900.000	12.094	17.700	27.566
6582.261	7648.728	4.267	5201.135	151.923
1.002	14.670			
8/17/2016 4:20:00 AM	541200.000	12.089	17.700	27.555
6582.059	7648.450	4.266	5200.946	151.928
1.002	14.670			
8/17/2016 4:25:00 AM	541500.000	12.091	17.700	27.559
6583.143	7649.737	4.267	5201.821	151.903
1.002	14.671			
8/17/2016 4:30:00 AM	541800.000	12.089	17.700	27.555
6583.556	7650.217	4.267	5202.147	151.894
1.002	14.672			
8/17/2016 4:35:00 AM	542100.000	12.093	17.700	27.564
6581.729	7648.037	4.266	5200.666	151.936
1.002	14.669			
8/17/2016 4:40:00 AM	542400.000	12.101	17.700	27.581
6582.503	7649.055	4.267	5201.358	151.918
1.002	14.666			
8/17/2016 4:45:00 AM	542700.000	12.102	17.701	27.583
6577.822	7643.452	4.263	5197.547	152.026
1.002	14.663			
8/17/2016 4:50:00 AM	543000.000	12.095	17.700	27.569
6560.878	7623.852	4.252	5184.219	152.419
1.002	14.664			
8/17/2016 4:55:00 AM	543300.000	12.099	17.701	27.576
6530.299	7588.215	4.230	5159.986	153.132
1.002	14.666			
8/17/2016 5:00:00 AM	543600.000	12.099	17.701	27.576
6498.226	7550.858	4.208	5134.584	153.888
1.002	14.668			
8/17/2016 5:05:00 AM	543900.000	12.099	17.701	27.577
6474.149	7522.998	4.192	5115.639	154.460
1.002	14.667			
8/17/2016 5:10:00 AM	544200.000	12.101	17.701	27.581
6453.915	7499.471	4.178	5099.641	154.945
1.002	14.665			
8/17/2016 5:15:00 AM	544500.000	12.101	17.701	27.581
6433.568	7475.798	4.163	5083.543	155.435
1.002	14.664			

8/17/2016 5:20:00 AM	544800.000	12.099	17.701	27.578
6416.446	7455.889	4.152	5070.004	155.850
1.002	14.666			
8/17/2016 5:25:00 AM	545100.000	12.100	17.701	27.579
6402.450	7439.669	4.142	5058.975	156.190
1.002	14.667			
8/17/2016 5:30:00 AM	545400.000	12.096	17.701	27.571
6386.062	7420.554	4.131	5045.977	156.591
1.002	14.669			
8/17/2016 5:35:00 AM	545700.000	12.098	17.701	27.576
6370.958	7403.031	4.120	5034.062	156.962
1.002	14.667			
8/17/2016 5:40:00 AM	546000.000	12.100	17.701	27.579
6359.648	7389.803	4.112	5025.067	157.241
1.002	14.665			
8/17/2016 5:45:00 AM	546300.000	12.097	17.701	27.572
6347.961	7376.281	4.104	5015.872	157.531
1.002	14.664			
8/17/2016 5:50:00 AM	546600.000	12.101	17.701	27.582
6338.719	7365.583	4.098	5008.597	157.761
1.002	14.663			
8/17/2016 5:55:00 AM	546900.000	12.101	17.701	27.583
6328.637	7353.812	4.091	5000.593	158.012
1.002	14.663			
8/17/2016 6:00:00 AM	547200.000	12.101	17.701	27.582
6321.446	7345.443	4.086	4994.902	158.192
1.002	14.663			
8/17/2016 6:05:00 AM	547500.000	12.101	17.701	27.582
6311.565	7333.989	4.079	4987.113	158.439
1.002	14.664			
8/17/2016 6:10:00 AM	547800.000	12.101	17.701	27.582
6303.243	7324.274	4.073	4980.507	158.648
1.002	14.666			
8/17/2016 6:15:00 AM	548100.000	12.098	17.701	27.576
6295.101	7314.915	4.068	4974.143	158.854
1.002	14.668			
8/17/2016 6:20:00 AM	548400.000	12.099	17.701	27.578
6286.491	7304.795	4.062	4967.261	159.071
1.002	14.669			
8/17/2016 6:25:00 AM	548700.000	12.099	17.701	27.577
6281.614	7299.143	4.058	4963.417	159.195
1.002	14.670			
8/17/2016 6:30:00 AM	549000.000	12.095	17.701	27.568
6273.916	7290.269	4.053	4957.383	159.390
1.002	14.671			
8/17/2016 6:35:00 AM	549300.000	12.100	17.701	27.580
6268.643	7284.156	4.049	4953.226	159.524
1.002	14.671			
8/17/2016 6:40:00 AM	549600.000	12.094	17.702	27.567
6259.166	7273.030	4.043	4945.661	159.766
1.002	14.672			
8/17/2016 6:45:00 AM	549900.000	12.098	17.702	27.575
6255.591	7268.821	4.040	4942.799	159.857
1.002	14.672			
8/17/2016 6:50:00 AM	550200.000	12.096	17.702	27.571
6246.264	7258.038	4.034	4935.466	160.096
1.002	14.673			
8/17/2016 6:55:00 AM	550500.000	12.092	17.701	27.561

6240.568	7251.435	4.030	4930.976	160.242
1.002	14.674			
8/17/2016 7:00:00 AM	550800.000	12.093	17.701	27.563
6234.376	7244.338	4.026	4926.150	160.401
1.002	14.675			
8/17/2016 7:05:00 AM	551100.000	12.099	17.701	27.578
6231.388	7240.824	4.024	4923.760	160.478
1.002	14.675			
8/17/2016 7:10:00 AM	551400.000	12.099	17.701	27.578
6225.680	7234.190	4.020	4919.250	160.625
1.002	14.674			
8/17/2016 7:15:00 AM	551700.000	12.101	17.702	27.582
6217.322	7224.395	4.014	4912.588	160.841
1.002	14.674			
8/17/2016 7:20:00 AM	552000.000	12.098	17.701	27.575
6213.694	7220.305	4.011	4909.808	160.935
1.002	14.677			
8/17/2016 7:25:00 AM	552300.000	12.091	17.701	27.560
6208.018	7213.625	4.007	4905.265	161.082
1.002	14.680			
8/17/2016 7:30:00 AM	552600.000	12.091	17.701	27.560
6202.072	7206.800	4.003	4900.625	161.236
1.002	14.683			
8/17/2016 7:35:00 AM	552900.000	12.091	17.701	27.559
6195.703	7199.399	3.999	4895.592	161.402
1.002	14.682			
8/17/2016 7:40:00 AM	553200.000	12.095	17.701	27.569
6191.287	7194.170	3.996	4892.036	161.517
1.002	14.681			
8/17/2016 7:45:00 AM	553500.000	12.098	17.701	27.575
6187.751	7190.105	3.993	4889.272	161.610
1.002	14.681			
8/17/2016 7:50:00 AM	553800.000	12.098	17.701	27.575
6181.826	7183.316	3.989	4884.655	161.765
1.002	14.681			
8/17/2016 7:55:00 AM	554100.000	12.098	17.701	27.575
6179.146	7180.134	3.988	4882.492	161.835
1.002	14.681			
8/17/2016 8:00:00 AM	554400.000	12.100	17.701	27.580
6174.754	7175.002	3.984	4879.002	161.950
1.002	14.681			
8/17/2016 8:05:00 AM	554700.000	12.099	17.701	27.577
6171.205	7170.877	3.982	4876.197	162.043
1.002	14.683			
8/17/2016 8:10:00 AM	555000.000	12.097	17.701	27.574
6165.373	7164.088	3.978	4871.580	162.196
1.002	14.684			
8/17/2016 8:15:00 AM	555300.000	12.096	17.701	27.571
6163.248	7161.646	3.977	4869.919	162.252
1.002	14.686			
8/17/2016 8:20:00 AM	555600.000	12.095	17.701	27.569
6158.795	7156.416	3.973	4866.363	162.369
1.002	14.686			
8/17/2016 8:25:00 AM	555900.000	12.096	17.701	27.570
6156.334	7153.556	3.972	4864.418	162.434
1.002	14.686			
8/17/2016 8:30:00 AM	556200.000	12.096	17.701	27.571
6152.373	7148.966	3.969	4861.298	162.539

1.002	14.686			
8/17/2016 8:35:00 AM	556500.000	12.097	17.701	27.573
6150.021	7146.263	3.967	4859.459	162.601
1.002	14.685			
8/17/2016 8:40:00 AM	556800.000	12.092	17.701	27.561
6145.023	7140.455	3.964	4855.509	162.733
1.002	14.685			
8/17/2016 8:45:00 AM	557100.000	12.097	17.701	27.573
6144.456	7139.823	3.964	4855.080	162.748
1.002	14.684			
8/17/2016 8:50:00 AM	557400.000	12.096	17.701	27.570
6140.290	7134.968	3.961	4851.778	162.859
1.002	14.685			
8/17/2016 8:55:00 AM	557700.000	12.094	17.701	27.566
6139.324	7133.790	3.960	4850.978	162.884
1.002	14.685			
8/17/2016 9:00:00 AM	558000.000	12.093	17.701	27.563
6137.054	7131.292	3.959	4849.278	162.945
1.002	14.686			
8/17/2016 9:05:00 AM	558300.000	12.091	17.701	27.560
6133.947	7127.626	3.956	4846.786	163.027
1.002	14.685			
8/17/2016 9:10:00 AM	558600.000	12.096	17.701	27.570
6132.568	7126.036	3.955	4845.705	163.064
1.002	14.683			
8/17/2016 9:15:00 AM	558900.000	12.098	17.701	27.574
6130.125	7123.172	3.954	4843.757	163.129
1.002	14.681			
8/17/2016 9:20:00 AM	559200.000	12.097	17.701	27.573
6128.593	7121.376	3.953	4842.537	163.170
1.002	14.682			
8/17/2016 9:25:00 AM	559500.000	12.097	17.701	27.573
6124.207	7116.253	3.950	4839.053	163.286
1.002	14.683			
8/17/2016 9:30:00 AM	559800.000	12.092	17.701	27.561
6123.598	7115.613	3.949	4838.617	163.303
1.002	14.684			
8/17/2016 9:35:00 AM	560100.000	12.091	17.701	27.559
6120.597	7112.140	3.947	4836.255	163.383
1.002	14.684			
8/17/2016 9:40:00 AM	560400.000	12.089	17.701	27.555
6120.829	7112.355	3.947	4836.401	163.377
1.002	14.685			
8/17/2016 9:45:00 AM	560700.000	12.092	17.701	27.561
6118.173	7109.283	3.945	4834.313	163.447
1.002	14.686			
8/17/2016 9:50:00 AM	561000.000	12.088	17.701	27.552
6116.722	7107.623	3.944	4833.184	163.486
1.002	14.685			
8/17/2016 9:55:00 AM	561300.000	12.095	17.701	27.567
6115.898	7106.708	3.944	4832.563	163.508
1.002	14.684			
8/17/2016 10:00:00 AM	561600.000	12.091	17.701	27.559
6115.095	7105.732	3.943	4831.898	163.530
1.002	14.684			
8/17/2016 10:05:00 AM	561900.000	12.094	17.701	27.567
6112.623	7102.793	3.942	4829.900	163.596
1.002	14.684			

8/17/2016 10:10:00 AM	562200.000	12.094	17.701	27.566
6113.056	7103.363	3.942	4830.288	163.584
1.002	14.684			
8/17/2016 10:15:00 AM	562500.000	12.093	17.701	27.564
6110.123	7099.929	3.940	4827.952	163.663
1.002	14.684			
8/17/2016 10:20:00 AM	562800.000	12.087	17.701	27.551
6109.320	7099.051	3.939	4827.355	163.684
1.002	14.685			
8/17/2016 10:25:00 AM	563100.000	12.090	17.701	27.557
6107.264	7096.633	3.938	4825.711	163.739
1.002	14.686			
8/17/2016 10:30:00 AM	563400.000	12.087	17.701	27.550
6107.042	7096.321	3.938	4825.498	163.745
1.002	14.687			
8/17/2016 10:35:00 AM	563700.000	12.091	17.700	27.560
6106.852	7096.209	3.938	4825.423	163.750
1.002	14.686			
8/17/2016 10:40:00 AM	564000.000	12.092	17.701	27.561
6106.175	7095.355	3.937	4824.841	163.769
1.002	14.685			
8/17/2016 10:45:00 AM	564300.000	12.092	17.701	27.562
6104.166	7092.992	3.936	4823.235	163.823
1.002	14.684			
8/17/2016 10:50:00 AM	564600.000	12.090	17.701	27.557
6104.061	7092.870	3.936	4823.152	163.825
1.002	14.685			
8/17/2016 10:55:00 AM	564900.000	12.090	17.701	27.556
6101.871	7090.325	3.934	4821.421	163.884
1.002	14.685			
8/17/2016 11:00:00 AM	565200.000	12.091	17.700	27.558
6101.591	7090.112	3.934	4821.277	163.892
1.002	14.685			
8/17/2016 11:05:00 AM	565500.000	12.086	17.701	27.547
6102.455	7091.004	3.935	4821.883	163.868
1.002	14.684			
8/17/2016 11:10:00 AM	565800.000	12.087	17.701	27.551
6102.560	7091.153	3.935	4821.985	163.866
1.002	14.683			
8/17/2016 11:15:00 AM	566100.000	12.093	17.701	27.564
6102.084	7090.602	3.934	4821.609	163.878
1.002	14.682			
8/17/2016 11:20:00 AM	566400.000	12.092	17.701	27.562
6101.218	7089.554	3.934	4820.896	163.902
1.002	14.682			
8/17/2016 11:25:00 AM	566700.000	12.088	17.700	27.552
6101.379	7089.851	3.934	4821.099	163.897
1.002	14.682			
8/17/2016 11:30:00 AM	567000.000	12.088	17.701	27.552
6101.848	7090.340	3.934	4821.431	163.885
1.002	14.683			
8/17/2016 11:35:00 AM	567300.000	12.092	17.701	27.562
6100.219	7088.380	3.933	4820.099	163.929
1.002	14.682			
8/17/2016 11:40:00 AM	567600.000	12.093	17.701	27.563
6100.236	7088.496	3.933	4820.178	163.928
1.002	14.681			
8/17/2016 11:45:00 AM	567900.000	12.092	17.700	27.562

6101.121	7089.618	3.934	4820.940	163.904
1.002	14.680			
8/17/2016 11:50:00 AM	568200.000	12.094	17.701	27.567
6100.849	7089.153	3.934	4820.625	163.912
1.002	14.679			
8/17/2016 11:55:00 AM	568500.000	12.091	17.701	27.558
6100.902	7089.282	3.934	4820.712	163.910
1.002	14.678			
8/17/2016 12:00:00 PM	568800.000	12.093	17.701	27.565
6101.111	7089.471	3.934	4820.840	163.905
1.002	14.677			
8/17/2016 12:05:00 PM	569100.000	12.092	17.701	27.561
6101.693	7090.146	3.934	4821.300	163.889
1.002	14.678			
8/17/2016 12:10:00 PM	569400.000	12.092	17.701	27.561
6101.696	7090.192	3.934	4821.331	163.889
1.002	14.679			
8/17/2016 12:15:00 PM	569700.000	12.091	17.701	27.558
6102.309	7090.889	3.935	4821.805	163.872
1.002	14.679			
8/17/2016 12:20:00 PM	570000.000	12.086	17.700	27.547
6102.247	7090.900	3.935	4821.813	163.874
1.002	14.684			
8/17/2016 12:25:00 PM	570300.000	12.082	17.701	27.538
6102.458	7091.091	3.935	4821.942	163.868
1.002	14.688			
8/17/2016 12:30:00 PM	570600.000	12.077	17.701	27.527
6101.503	7089.926	3.934	4821.150	163.894
1.002	14.693			
8/17/2016 12:35:00 PM	570900.000	12.079	17.701	27.532
6102.715	7091.321	3.935	4822.098	163.861
1.002	14.689			
8/17/2016 12:40:00 PM	571200.000	12.082	17.701	27.538
6104.364	7093.305	3.936	4823.448	163.817
1.002	14.686			
8/17/2016 12:45:00 PM	571500.000	12.085	17.700	27.546
6101.458	7089.942	3.934	4821.161	163.895
1.002	14.683			
8/17/2016 12:50:00 PM	571800.000	12.085	17.701	27.545
6102.618	7091.249	3.935	4822.049	163.864
1.002	14.681			
8/17/2016 12:55:00 PM	572100.000	12.086	17.701	27.548
6102.998	7091.608	3.935	4822.294	163.854
1.002	14.678			
8/17/2016 1:00:00 PM	572400.000	12.088	17.700	27.553
6105.158	7094.269	3.937	4824.104	163.796
1.002	14.676			
8/17/2016 1:05:00 PM	572700.000	12.087	17.701	27.551
6104.575	7093.537	3.936	4823.605	163.812
1.002	14.677			
8/17/2016 1:10:00 PM	573000.000	12.087	17.701	27.549
6105.096	7094.143	3.936	4824.018	163.798
1.002	14.678			
8/17/2016 1:15:00 PM	573300.000	12.085	17.701	27.546
6104.868	7093.835	3.936	4823.808	163.804
1.002	14.679			
8/17/2016 1:20:00 PM	573600.000	12.083	17.701	27.541
6106.034	7095.218	3.937	4824.748	163.772

1.002	14.676			
8/17/2016 1:25:00 PM	573900.000	12.089	17.700	27.555
6105.695	7094.893	3.937	4824.528	163.782
1.002	14.672			
8/17/2016 1:30:00 PM	574200.000	12.092	17.701	27.562
6105.357	7094.405	3.937	4824.195	163.791
1.002	14.669			
8/17/2016 1:35:00 PM	574500.000	12.085	17.701	27.546
6105.227	7094.266	3.937	4824.101	163.794
1.002	14.670			
8/17/2016 1:40:00 PM	574800.000	12.082	17.700	27.539
6105.059	7094.141	3.936	4824.017	163.799
1.002	14.671			
8/17/2016 1:45:00 PM	575100.000	12.087	17.701	27.549
6106.197	7095.367	3.937	4824.850	163.768
1.002	14.673			
8/17/2016 1:50:00 PM	575400.000	12.088	17.701	27.552
6107.877	7097.375	3.938	4826.215	163.723
1.002	14.671			
8/17/2016 1:55:00 PM	575700.000	12.089	17.701	27.554
6107.655	7097.047	3.938	4825.993	163.729
1.002	14.670			
8/17/2016 2:00:00 PM	576000.000	12.090	17.701	27.557
6109.018	7098.658	3.939	4827.087	163.692
1.002	14.668			
8/17/2016 2:05:00 PM	576300.000	12.089	17.701	27.556
6111.005	7100.914	3.941	4828.622	163.639
1.002	14.670			
8/17/2016 2:10:00 PM	576600.000	12.080	17.700	27.535
6111.744	7101.922	3.941	4829.308	163.619
1.002	14.673			
8/17/2016 2:15:00 PM	576900.000	12.082	17.700	27.539
6111.719	7101.921	3.941	4829.307	163.620
1.002	14.675			
8/17/2016 2:20:00 PM	577200.000	12.081	17.701	27.537
6111.689	7101.817	3.941	4829.236	163.621
1.002	14.677			
8/17/2016 2:25:00 PM	577500.000	12.074	17.701	27.519
6113.532	7103.917	3.942	4830.663	163.572
1.002	14.678			
8/17/2016 2:30:00 PM	577800.000	12.076	17.701	27.524
6113.504	7103.926	3.942	4830.670	163.572
1.002	14.680			
8/17/2016 2:35:00 PM	578100.000	12.078	17.700	27.529
6113.117	7103.490	3.942	4830.373	163.583
1.002	14.678			
8/17/2016 2:40:00 PM	578400.000	12.075	17.701	27.523
6113.017	7103.359	3.942	4830.285	163.585
1.002	14.676			
8/17/2016 2:45:00 PM	578700.000	12.081	17.701	27.537
6114.149	7104.607	3.943	4831.133	163.555
1.002	14.674			
8/17/2016 2:50:00 PM	579000.000	12.078	17.701	27.529
6115.221	7105.909	3.943	4832.019	163.526
1.002	14.673			
8/17/2016 2:55:00 PM	579300.000	12.082	17.701	27.538
6115.984	7106.698	3.944	4832.555	163.506
1.002	14.672			

8/17/2016 3:00:00 PM	579600.000	12.078	17.701	27.529
6115.933	7106.749	3.944	4832.589	163.507
1.002	14.671			
8/17/2016 3:05:00 PM	579900.000	12.082	17.701	27.538
6116.109	7106.953	3.944	4832.729	163.503
1.002	14.671			
8/17/2016 3:10:00 PM	580200.000	12.081	17.701	27.537
6117.085	7108.087	3.945	4833.500	163.477
1.002	14.671			
8/17/2016 3:15:00 PM	580500.000	12.080	17.701	27.533
6117.945	7109.074	3.945	4834.171	163.454
1.002	14.671			
8/17/2016 3:20:00 PM	580800.000	12.081	17.701	27.536
6118.915	7110.172	3.946	4834.917	163.428
1.002	14.670			
8/17/2016 3:25:00 PM	581100.000	12.081	17.700	27.535
6119.690	7111.128	3.947	4835.567	163.407
1.002	14.669			
8/17/2016 3:30:00 PM	581400.000	12.082	17.700	27.538
6118.501	7109.815	3.946	4834.674	163.439
1.002	14.668			
8/17/2016 3:35:00 PM	581700.000	12.080	17.701	27.535
6120.606	7112.166	3.947	4836.273	163.383
1.002	14.668			
8/17/2016 3:40:00 PM	582000.000	12.081	17.700	27.535
6123.273	7115.319	3.949	4838.417	163.311
1.002	14.669			
8/17/2016 3:45:00 PM	582300.000	12.076	17.701	27.524
6121.978	7113.760	3.948	4837.357	163.346
1.002	14.669			
8/17/2016 3:50:00 PM	582600.000	12.077	17.701	27.528
6122.695	7114.564	3.949	4837.904	163.327
1.002	14.668			
8/17/2016 3:55:00 PM	582900.000	12.078	17.700	27.529
6122.781	7114.735	3.949	4838.020	163.324
1.002	14.668			
8/17/2016 4:00:00 PM	583200.000	12.073	17.701	27.518
6126.402	7118.804	3.951	4840.787	163.228
1.002	14.668			
8/17/2016 4:05:00 PM	583500.000	12.075	17.701	27.522
6125.668	7118.034	3.951	4840.263	163.247
1.002	14.665			
8/17/2016 4:10:00 PM	583800.000	12.083	17.700	27.540
6126.032	7118.497	3.951	4840.578	163.238
1.002	14.662			
8/17/2016 4:15:00 PM	584100.000	12.085	17.700	27.544
6125.889	7118.399	3.951	4840.512	163.242
1.002	14.659			
8/17/2016 4:20:00 PM	584400.000	12.083	17.700	27.540
6127.362	7120.042	3.952	4841.628	163.202
1.002	14.660			
8/17/2016 4:25:00 PM	584700.000	12.082	17.700	27.538
6125.721	7118.204	3.951	4840.379	163.246
1.002	14.661			
8/17/2016 4:30:00 PM	585000.000	12.075	17.701	27.522
6126.991	7119.598	3.952	4841.327	163.212
1.002	14.662			
8/17/2016 4:35:00 PM	585300.000	12.079	17.701	27.531

6127.682	7120.373	3.952	4841.854	163.194
1.002	14.662			
8/17/2016 4:40:00 PM	585600.000	12.079	17.701	27.533
6127.200	7119.840	3.952	4841.492	163.207
1.002	14.661			
8/17/2016 4:45:00 PM	585900.000	12.075	17.701	27.523
6128.281	7121.055	3.952	4842.317	163.178
1.002	14.660			
8/17/2016 4:50:00 PM	586200.000	12.078	17.701	27.530
6128.667	7121.490	3.953	4842.614	163.168
1.002	14.661			
8/17/2016 4:55:00 PM	586500.000	12.079	17.700	27.533
6131.529	7124.900	3.955	4844.933	163.091
1.002	14.661			
8/17/2016 5:00:00 PM	586800.000	12.077	17.701	27.528
6129.105	7122.013	3.953	4842.969	163.156
1.002	14.661			
8/17/2016 5:05:00 PM	587100.000	12.078	17.701	27.530
6132.284	7125.736	3.955	4845.501	163.071
1.002	14.660			
8/17/2016 5:10:00 PM	587400.000	12.080	17.701	27.534
6131.009	7124.267	3.954	4844.501	163.105
1.002	14.658			
8/17/2016 5:15:00 PM	587700.000	12.075	17.701	27.522
6132.235	7125.679	3.955	4845.462	163.073
1.002	14.657			
8/17/2016 5:20:00 PM	588000.000	12.079	17.700	27.533
6132.512	7126.043	3.955	4845.710	163.065
1.002	14.658			
8/17/2016 5:25:00 PM	588300.000	12.078	17.700	27.529
6131.137	7124.429	3.954	4844.612	163.102
1.002	14.659			
8/17/2016 5:30:00 PM	588600.000	12.078	17.700	27.528
6132.558	7126.080	3.955	4845.734	163.064
1.002	14.660			
8/17/2016 5:35:00 PM	588900.000	12.077	17.700	27.528
6131.229	7124.552	3.955	4844.696	163.099
1.002	14.660			
8/17/2016 5:40:00 PM	589200.000	12.075	17.700	27.523
6132.800	7126.389	3.956	4845.945	163.058
1.002	14.661			
8/17/2016 5:45:00 PM	589500.000	12.076	17.700	27.525
6134.818	7128.706	3.957	4847.521	163.004
1.002	14.661			
8/17/2016 5:50:00 PM	589800.000	12.075	17.701	27.523
6131.633	7124.965	3.955	4844.977	163.089
1.002	14.660			
8/17/2016 5:55:00 PM	590100.000	12.074	17.700	27.519
6133.895	7127.661	3.956	4846.810	163.029
1.002	14.658			
8/17/2016 6:00:00 PM	590400.000	12.078	17.701	27.530
6130.918	7124.148	3.954	4844.421	163.108
1.002	14.657			
8/17/2016 6:05:00 PM	590700.000	12.075	17.701	27.522
6130.946	7124.139	3.954	4844.415	163.107
1.002	14.656			
8/17/2016 6:10:00 PM	591000.000	12.079	17.701	27.533
6132.043	7125.469	3.955	4845.319	163.078

1.002	14.654			
8/17/2016 6:15:00 PM	591300.000	12.081	17.701	27.537
6130.072	7123.136	3.954	4843.733	163.130
1.002	14.653			
8/17/2016 6:20:00 PM	591600.000	12.074	17.701	27.521
6131.426	7124.752	3.955	4844.832	163.094
1.002	14.654			
8/17/2016 6:25:00 PM	591900.000	12.073	17.700	27.518
6132.284	7125.804	3.955	4845.547	163.071
1.002	14.654			
8/17/2016 6:30:00 PM	592200.000	12.076	17.701	27.525
6129.843	7122.884	3.954	4843.562	163.136
1.002	14.655			
8/17/2016 6:35:00 PM	592500.000	12.074	17.701	27.520
6129.408	7122.324	3.953	4843.180	163.148
1.002	14.657			
8/17/2016 6:40:00 PM	592800.000	12.073	17.701	27.518
6129.326	7122.242	3.953	4843.125	163.150
1.002	14.658			
8/17/2016 6:45:00 PM	593100.000	12.071	17.701	27.515
6129.306	7122.205	3.953	4843.099	163.151
1.002	14.660			
8/17/2016 6:50:00 PM	593400.000	12.068	17.700	27.506
6129.914	7123.091	3.954	4843.702	163.134
1.002	14.658			
8/17/2016 6:55:00 PM	593700.000	12.069	17.700	27.510
6128.547	7121.436	3.953	4842.577	163.171
1.002	14.657			
8/17/2016 7:00:00 PM	594000.000	12.073	17.701	27.519
6129.286	7122.251	3.953	4843.131	163.151
1.002	14.656			
8/17/2016 7:05:00 PM	594300.000	12.075	17.701	27.523
6128.374	7121.163	3.953	4842.392	163.175
1.002	14.654			
8/17/2016 7:10:00 PM	594600.000	12.076	17.701	27.525
6128.961	7121.860	3.953	4842.865	163.160
1.002	14.652			
8/17/2016 7:15:00 PM	594900.000	12.079	17.701	27.532
6129.245	7122.189	3.953	4843.089	163.152
1.002	14.651			
8/17/2016 7:20:00 PM	595200.000	12.077	17.701	27.528
6127.651	7120.365	3.952	4841.848	163.195
1.002	14.652			
8/17/2016 7:25:00 PM	595500.000	12.073	17.701	27.518
6128.555	7121.402	3.953	4842.554	163.171
1.002	14.653			
8/17/2016 7:30:00 PM	595800.000	12.076	17.701	27.525
6129.406	7122.404	3.953	4843.235	163.148
1.002	14.654			
8/17/2016 7:35:00 PM	596100.000	12.076	17.701	27.524
6129.474	7122.441	3.953	4843.260	163.146
1.002	14.654			
8/17/2016 7:40:00 PM	596400.000	12.077	17.701	27.528
6129.397	7122.394	3.953	4843.229	163.148
1.002	14.654			
8/17/2016 7:45:00 PM	596700.000	12.076	17.700	27.525
6128.208	7121.025	3.952	4842.297	163.180
1.002	14.654			

8/17/2016 7:50:00 PM	597000.000	12.078	17.701	27.528
6128.937	7121.831	3.953	4842.845	163.160
1.002	14.655			
8/17/2016 7:55:00 PM	597300.000	12.075	17.701	27.522
6130.374	7123.516	3.954	4843.991	163.122
1.002	14.656			
8/17/2016 8:00:00 PM	597600.000	12.072	17.700	27.516
6129.283	7122.291	3.953	4843.158	163.151
1.002	14.657			
8/17/2016 8:05:00 PM	597900.000	12.075	17.701	27.523
6130.225	7123.287	3.954	4843.835	163.126
1.002	14.658			
8/17/2016 8:10:00 PM	598200.000	12.075	17.701	27.523
6128.856	7121.753	3.953	4842.792	163.163
1.002	14.658			
8/17/2016 8:15:00 PM	598500.000	12.070	17.701	27.512
6127.982	7120.694	3.952	4842.072	163.186
1.002	14.659			
8/17/2016 8:20:00 PM	598800.000	12.073	17.701	27.519
6129.949	7122.993	3.954	4843.636	163.133
1.002	14.661			
8/17/2016 8:25:00 PM	599100.000	12.073	17.700	27.517
6128.276	7121.147	3.953	4842.380	163.178
1.002	14.663			
8/17/2016 8:30:00 PM	599400.000	12.067	17.700	27.503
6127.700	7120.572	3.952	4841.990	163.193
1.002	14.664			
8/17/2016 8:35:00 PM	599700.000	12.065	17.700	27.500
6128.275	7121.103	3.952	4842.351	163.178
1.002	14.665			
8/17/2016 8:40:00 PM	600000.000	12.073	17.701	27.517
6128.110	7120.871	3.952	4842.192	163.182
1.002	14.665			
8/17/2016 8:45:00 PM	600300.000	12.071	17.700	27.513
6128.697	7121.622	3.953	4842.703	163.167
1.002	14.666			
8/17/2016 8:50:00 PM	600600.000	12.072	17.700	27.516
6128.462	7121.337	3.953	4842.509	163.173
1.002	14.666			
8/17/2016 8:55:00 PM	600900.000	12.071	17.701	27.515
6126.904	7119.497	3.952	4841.258	163.215
1.002	14.667			
8/17/2016 9:00:00 PM	601200.000	12.071	17.701	27.514
6129.123	7122.063	3.953	4843.003	163.155
1.002	14.667			
8/17/2016 9:05:00 PM	601500.000	12.073	17.701	27.519
6129.134	7122.088	3.953	4843.021	163.155
1.002	14.666			
8/17/2016 9:10:00 PM	601800.000	12.075	17.701	27.523
6128.923	7121.843	3.953	4842.854	163.161
1.002	14.665			
8/17/2016 9:15:00 PM	602100.000	12.070	17.701	27.512
6128.610	7121.452	3.953	4842.587	163.169
1.002	14.663			
8/17/2016 9:20:00 PM	602400.000	12.071	17.701	27.514
6128.205	7120.981	3.952	4842.268	163.180
1.002	14.665			
8/17/2016 9:25:00 PM	602700.000	12.075	17.700	27.524

6128.723	7121.624	3.953	4842.705	163.166
1.002	14.666			
8/17/2016 9:30:00 PM	603000.000	12.073	17.701	27.518
6129.374	7122.339	3.953	4843.191	163.149
1.002	14.667			
8/17/2016 9:35:00 PM	603300.000	12.072	17.701	27.516
6127.336	7119.986	3.952	4841.590	163.203
1.002	14.667			
8/17/2016 9:40:00 PM	603600.000	12.072	17.701	27.517
6128.277	7121.079	3.952	4842.334	163.178
1.002	14.667			
8/17/2016 9:45:00 PM	603900.000	12.068	17.701	27.506
6127.479	7120.137	3.952	4841.693	163.199
1.002	14.668			
8/17/2016 9:50:00 PM	604200.000	12.072	17.700	27.516
6128.314	7121.149	3.953	4842.381	163.177
1.002	14.668			
8/17/2016 9:55:00 PM	604500.000	12.066	17.701	27.501
6129.649	7122.659	3.953	4843.409	163.141
1.002	14.668			
8/17/2016 10:00:00 PM	604800.000	12.071	17.701	27.513
6127.737	7120.452	3.952	4841.908	163.192
1.002	14.668			
8/17/2016 10:05:00 PM	605100.000	12.075	17.700	27.522
6129.410	7122.422	3.953	4843.248	163.148
1.002	14.665			
8/17/2016 10:10:00 PM	605400.000	12.077	17.701	27.527
6130.700	7123.895	3.954	4844.249	163.114
1.002	14.662			
8/17/2016 10:15:00 PM	605700.000	12.080	17.701	27.534
6128.386	7121.094	3.952	4842.344	163.175
1.002	14.659			
8/17/2016 10:20:00 PM	606000.000	12.078	17.701	27.529
6129.737	7122.762	3.953	4843.478	163.139
1.002	14.660			
8/17/2016 10:25:00 PM	606300.000	12.072	17.701	27.516
6127.656	7120.316	3.952	4841.815	163.195
1.002	14.661			
8/17/2016 10:30:00 PM	606600.000	12.076	17.701	27.524
6128.900	7121.789	3.953	4842.817	163.161
1.002	14.662			
8/17/2016 10:35:00 PM	606900.000	12.068	17.700	27.507
6129.537	7122.625	3.953	4843.386	163.144
1.002	14.665			
8/17/2016 10:40:00 PM	607200.000	12.069	17.701	27.510
6130.958	7124.195	3.954	4844.453	163.107
1.002	14.667			
8/17/2016 10:45:00 PM	607500.000	12.068	17.700	27.507
6129.349	7122.351	3.953	4843.199	163.149
1.002	14.669			
8/17/2016 10:50:00 PM	607800.000	12.070	17.700	27.510
6129.164	7122.136	3.953	4843.053	163.154
1.002	14.668			
8/17/2016 10:55:00 PM	608100.000	12.071	17.700	27.515
6129.576	7122.615	3.953	4843.378	163.143
1.002	14.667			
8/17/2016 11:00:00 PM	608400.000	12.066	17.701	27.503
6130.179	7123.274	3.954	4843.827	163.127

1.002	14.665			
8/17/2016 11:05:00 PM	608700.000	12.065	17.700	27.501
6129.854	7122.954	3.954	4843.609	163.136
1.002	14.666			
8/17/2016 11:10:00 PM	609000.000	12.070	17.701	27.511
6131.269	7124.500	3.955	4844.660	163.098
1.002	14.666			
8/17/2016 11:15:00 PM	609300.000	12.065	17.700	27.501
6130.532	7123.781	3.954	4844.171	163.118
1.002	14.666			
8/17/2016 11:20:00 PM	609600.000	12.065	17.700	27.499
6129.860	7122.945	3.954	4843.603	163.136
1.002	14.665			
8/17/2016 11:25:00 PM	609900.000	12.065	17.701	27.499
6130.063	7123.168	3.954	4843.755	163.130
1.002	14.664			
8/17/2016 11:30:00 PM	610200.000	12.071	17.700	27.512
6134.321	7128.157	3.957	4847.147	163.017
1.002	14.663			
8/17/2016 11:35:00 PM	610500.000	12.072	17.701	27.515
6147.126	7142.968	3.965	4857.218	162.678
1.002	14.665			
8/17/2016 11:40:00 PM	610800.000	12.071	17.701	27.512
6180.138	7181.342	3.988	4883.313	161.809
1.002	14.667			
8/17/2016 11:45:00 PM	611100.000	12.069	17.700	27.508
6212.031	7218.498	4.010	4908.579	160.978
1.002	14.668			
8/17/2016 11:50:00 PM	611400.000	12.071	17.700	27.513
6239.544	7250.527	4.029	4930.358	160.268
1.002	14.667			
8/17/2016 11:55:00 PM	611700.000	12.071	17.700	27.514
6264.951	7280.021	4.047	4950.415	159.618
1.002	14.667			

Report Date: 8/19/2016 12:30:05 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-5D Pre Test_2016-08-18_16-13-38-736-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/14/2015 5:21:49 PM	Used Battery: 1% Used Memory: 4% User Name: nreynolds
3/20/2015 1:42:10 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: GSSI
3/27/2015 3:11:22 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
4/3/2015 10:31:30 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: ECrowWillard
4/10/2015 9:37:12 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ECrowWillard
4/17/2015 4:35:02 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: AKieta
4/24/2015 2:40:39 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
5/1/2015 3:13:28 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: GSSI
5/7/2015 4:36:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/1/2015 3:00:00 PM
5/11/2015 1:01:57 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte
5/14/2015 6:06:28 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte Interval - Start Time: 5/11/2015 1:00:00 PM
5/18/2015 1:20:22 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: BDuarte Interval - Start Time: 5/14/2015 6:00:00 PM
5/21/2015 1:04:06 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw
5/28/2015 4:04:17 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 5/7/2015 4:30:00 PM
6/4/2015 5:35:43 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: BDuarte
6/11/2015 8:20:02 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/4/2015 5:30:00 PM
6/17/2015 8:56:47 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw Interval - Start Time: 5/21/2015 1:00:00 PM
6/18/2015 11:39:25 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw
6/25/2015 10:26:07 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/11/2015 8:15:00 AM
7/2/2015 9:52:38 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
7/9/2015 2:16:22 PM	Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte
7/16/2015 9:40:59 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/23/2015 11:18:20 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar
7/30/2015 3:52:38 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
7/30/2015 4:54:30 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
8/6/2015 1:55:33 PM	Log Download - Used Battery: 9% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/14/2015 2:15:00 PM Stop Time: 8/6/2015 1:30:00 PM
8/13/2015 10:58:06 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: KMakar Interval - Start Time: 7/23/2015 11:15:00 AM
8/20/2015 5:25:42 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 4:45:00 PM
8/27/2015 11:57:15 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 11:55:00 AM
9/3/2015 11:50:27 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 11:45:00 AM
9/10/2015 9:25:55 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:25:00 AM
9/17/2015 9:27:07 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:30:00 AM
9/24/2015 5:47:55 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 6:04:13 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 7:41:30 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time:

9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM
 10/1/2015 9:51:21 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start
 Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:50:00 AM
 10/8/2015 11:29:10 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start
 Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:15:00 PM
 10/15/2015 11:09:18 AM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start
 Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 11:15:00 AM
 10/22/2015 10:31:53 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start
 Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:30:00 AM
 10/29/2015 11:46:57 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start
 Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 11:45:00 AM
 11/5/2015 8:33:04 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start
 Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 8:30:00 AM
 11/12/2015 2:02:13 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: CShaw Interval - Start
 Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:30:00 PM
 11/19/2015 9:41:17 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start
 Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 9:45:00 AM
 11/29/2015 11:15:13 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start
 Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 12:00:00 PM
 12/3/2015 8:09:51 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start
 Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 8:10:00 AM
 12/10/2015 10:31:42 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start
 Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:30:00 AM
 12/17/2015 9:49:12 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start
 Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:45:00 AM
 1/3/2016 11:56:11 AM Log Download - Used Battery: 16% Used Memory: 39% User Name: CShaw Interval - Start
 Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:45:00 PM
 1/3/2016 12:55:37 PM Sensor SN: 398697 Cache Timeout: 1000 User Name: CShaw
 1/3/2016 12:57:19 PM Device Taken Offline
 1/3/2016 12:58:39 PM 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
 1/14/2016 1:11:12 PM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start
 Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 1:15:00 PM
 1/21/2016 9:17:37 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start
 Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:15:00 AM
 1/28/2016 9:42:58 AM Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start
 Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:45:00 AM
 2/4/2016 10:30:51 AM Log Download - Used Battery: 18% Used Memory: 42% User Name: CShaw Interval - Start
 Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 11:15:00 AM
 2/11/2016 10:18:11 AM Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start
 Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:14:45 AM
 2/18/2016 11:00:57 AM Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start
 Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
 2/25/2016 10:31:31 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: KMakar Interval - Start
 Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:30:00 AM
 3/3/2016 12:11:56 PM Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start
 Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:59:45 PM
 3/10/2016 2:57:18 PM Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start
 Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:45:00 PM
 3/17/2016 10:00:06 AM Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start
 Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 10:44:45 AM
 3/24/2016 9:17:14 AM Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start

Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:15:00 AM
 3/31/2016 3:27:31 PM Log Download - Used Battery: 21% Used Memory: 48% User Name: SKuiper Interval - Start
 Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:14:45 PM
 4/7/2016 10:23:21 AM Log Download - Used Battery: 21% Used Memory: 50% User Name: KMakar Interval - Start
 Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:30:00 AM
 4/14/2016 4:08:43 PM Log Download - Used Battery: 22% Used Memory: 50% User Name: SKuiper Interval - Start
 Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:45:00 PM
 8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 744

Sensors: 2

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

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time	Corrected Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual Resistivity
Conductivity (µS)	Specific Conductivity (µS)	Water Density (g/cm3)	Salinity (PSU)	Total Dissolved Solids (ppt)		
(ohm-cm)			Barometric Pressure (PSI)			
8/11/2016 12:14:45 AM	7200.000		139.164	21.314	317.197	
4473.566	4812.326		2.609	3.272	223.535	
1.000	14.716					
8/11/2016 12:29:45 AM	8100.000		139.157	21.320	317.182	
4472.943	4811.101		2.609	3.272	223.566	
1.000	14.713					
8/11/2016 12:44:45 AM	9000.000		139.153	21.327	317.172	
4474.379	4811.961		2.609	3.272	223.495	
1.000	14.714					
8/11/2016 12:59:45 AM	9900.000		139.142	21.329	317.147	
4474.103	4811.438		2.609	3.272	223.508	
1.000	14.718					
8/11/2016 1:14:45 AM	10800.000		139.150	21.331	317.167	
4475.132	4812.337		2.609	3.272	223.457	
1.000	14.711					
8/11/2016 1:29:45 AM	11700.000		139.140	21.331	317.143	
4475.625	4812.927		2.610	3.273	223.433	
1.000	14.715					
8/11/2016 1:44:45 AM	12600.000		139.107	21.331	317.069	
4476.303	4813.604		2.610	3.273	223.399	
1.000	14.713					
8/11/2016 1:59:45 AM	13500.000		139.140	21.334	317.142	
4476.973	4814.031		2.610	3.274	223.365	
1.000	14.715					
8/11/2016 2:14:45 AM	14400.000		139.173	21.337	317.219	

4478.156	4815.052	2.611	3.274	223.306
1.000	14.714			
8/11/2016 2:29:45 AM	15300.000	139.142	21.334	317.147
4478.426	4815.593	2.611	3.275	223.293
1.000	14.717			
8/11/2016 2:44:45 AM	16200.000	139.135	21.336	317.131
4478.510	4815.529	2.611	3.275	223.289
1.000	14.716			
8/11/2016 2:59:45 AM	17100.000	139.138	21.333	317.138
4478.830	4816.114	2.611	3.275	223.273
1.000	14.718			
8/11/2016 3:14:45 AM	18000.000	139.136	21.336	317.135
4479.651	4816.746	2.612	3.275	223.232
1.000	14.715			
8/11/2016 3:29:45 AM	18900.000	139.132	21.336	317.125
4480.019	4817.107	2.612	3.276	223.213
1.000	14.714			
8/11/2016 3:44:45 AM	19800.000	139.137	21.339	317.135
4480.793	4817.688	2.612	3.276	223.175
1.000	14.714			
8/11/2016 3:59:45 AM	20700.000	139.142	21.336	317.148
4480.291	4817.469	2.612	3.276	223.200
1.000	14.713			
8/11/2016 4:14:45 AM	21600.000	139.140	21.335	317.143
4481.233	4818.577	2.613	3.277	223.153
1.000	14.715			
8/11/2016 4:29:45 AM	22500.000	139.135	21.340	317.131
4481.907	4818.807	2.613	3.277	223.119
1.000	14.711			
8/11/2016 4:44:45 AM	23400.000	139.143	21.338	317.150
4481.911	4819.002	2.613	3.277	223.119
1.000	14.709			
8/11/2016 4:59:45 AM	24300.000	139.147	21.337	317.159
4482.090	4819.290	2.613	3.277	223.110
1.000	14.713			
8/11/2016 5:14:45 AM	25200.000	139.166	21.339	317.202
4482.861	4819.928	2.614	3.278	223.072
1.000	14.721			
8/11/2016 5:29:45 AM	26100.000	139.139	21.340	317.142
4483.211	4820.218	2.614	3.278	223.054
1.000	14.713			
8/11/2016 5:44:45 AM	27000.000	139.148	21.341	317.161
4483.515	4820.398	2.614	3.278	223.039
1.000	14.713			
8/11/2016 5:59:45 AM	27900.000	139.148	21.339	317.161
4483.459	4820.510	2.614	3.278	223.042
1.000	14.718			
8/11/2016 6:14:45 AM	28800.000	139.192	21.338	317.261
4483.823	4820.998	2.614	3.278	223.024
1.000	14.723			
8/11/2016 6:29:45 AM	29700.000	139.168	21.335	317.206
4484.535	4822.041	2.615	3.279	222.989
1.000	14.718			
8/11/2016 6:44:45 AM	30600.000	139.153	21.341	317.172
4484.665	4821.625	2.615	3.279	222.982
1.000	14.728			
8/11/2016 6:59:45 AM	31500.000	139.165	21.341	317.201

4485.111	4822.122	2.615	3.279	222.960
1.000	14.732			
8/11/2016 7:14:45 AM	32400.000	139.155	21.342	317.178
4485.855	4822.775	2.615	3.279	222.923
1.000	14.733			
8/11/2016 7:29:45 AM	33300.000	139.163	21.338	317.194
4486.054	4823.466	2.616	3.280	222.913
1.000	14.734			
8/11/2016 7:44:45 AM	34200.000	139.165	21.340	317.200
4486.386	4823.588	2.616	3.280	222.897
1.000	14.740			
8/11/2016 7:59:45 AM	35100.000	139.161	21.342	317.192
4487.109	4824.140	2.616	3.280	222.861
1.000	14.745			
8/11/2016 8:14:45 AM	36000.000	139.175	21.340	317.224
4487.233	4824.447	2.616	3.281	222.854
1.000	14.744			
8/11/2016 8:29:45 AM	36900.000	139.169	21.342	317.208
4487.305	4824.402	2.616	3.281	222.851
1.000	14.748			
8/11/2016 8:44:45 AM	37800.000	139.175	21.340	317.223
4487.321	4824.611	2.616	3.281	222.850
1.000	14.746			
8/11/2016 8:59:45 AM	38700.000	139.174	21.341	317.222
4488.033	4825.281	2.617	3.281	222.815
1.000	14.748			
8/11/2016 9:14:45 AM	39600.000	139.208	21.340	317.298
4488.998	4826.439	2.617	3.282	222.767
1.000	14.750			
8/11/2016 9:29:45 AM	40500.000	139.173	21.342	317.219
4490.088	4827.342	2.618	3.283	222.713
1.000	14.753			
8/11/2016 9:44:45 AM	41400.000	139.206	21.341	317.293
4490.270	4827.687	2.618	3.283	222.704
1.000	14.754			
8/11/2016 9:59:45 AM	42300.000	139.212	21.341	317.307
4490.109	4827.531	2.618	3.283	222.712
1.000	14.758			
8/11/2016 10:14:45 AM	43200.000	139.167	21.344	317.205
4491.444	4828.653	2.619	3.283	222.646
1.000	14.756			
8/11/2016 10:29:45 AM	44100.000	139.171	21.340	317.215
4491.807	4829.434	2.619	3.284	222.628
1.000	14.759			
8/11/2016 10:44:45 AM	45000.000	139.167	21.342	317.205
4492.104	4829.545	2.619	3.284	222.613
1.000	14.760			
8/11/2016 10:59:45 AM	45900.000	139.165	21.338	317.200
4492.697	4830.540	2.620	3.285	222.583
1.000	14.762			
8/11/2016 11:14:45 AM	46800.000	139.169	21.341	317.209
4492.922	4830.529	2.620	3.285	222.572
1.000	14.756			
8/11/2016 11:29:45 AM	47700.000	139.169	21.332	317.210
4492.202	4830.589	2.620	3.285	222.608
1.000	14.756			
8/11/2016 11:44:45 AM	48600.000	139.131	21.334	317.122
4492.522	4830.785	2.620	3.285	222.592

1.000	14.762				
8/11/2016 11:59:45 AM	49500.000	139.202	21.337	317.283	
4492.836	4830.836	2.620	3.285	222.577	
1.000	14.760				
8/11/2016 12:14:45 PM	50400.000	139.146	21.342	317.156	
4493.493	4830.995	2.620	3.285	222.544	
1.000	14.760				
8/11/2016 12:29:45 PM	51300.000	139.157	21.337	317.182	
4494.383	4832.456	2.621	3.286	222.500	
1.000	14.757				
8/11/2016 12:44:45 PM	52200.000	139.144	21.338	317.153	
4494.059	4832.021	2.621	3.286	222.516	
1.000	14.759				
8/11/2016 12:59:45 PM	53100.000	139.144	21.341	317.153	
4495.376	4833.193	2.621	3.287	222.451	
1.000	14.758				
8/11/2016 1:14:45 PM	54000.000	139.153	21.343	317.172	
4496.393	4834.000	2.622	3.287	222.401	
1.000	14.750				
8/11/2016 1:29:45 PM	54900.000	139.136	21.341	317.134	
4496.225	4834.045	2.622	3.287	222.409	
1.000	14.759				
8/11/2016 1:44:45 PM	55800.000	139.132	21.342	317.124	
4497.298	4835.103	2.622	3.288	222.356	
1.000	14.752				
8/11/2016 1:59:45 PM	56700.000	139.140	21.340	317.144	
4497.588	4835.597	2.623	3.288	222.341	
1.000	14.760				
8/11/2016 2:14:45 PM	57600.000	139.137	21.333	317.136	
4497.064	4835.783	2.623	3.288	222.367	
1.000	14.758				
8/11/2016 2:29:45 PM	58500.000	139.130	21.334	317.120	
4497.729	4836.375	2.623	3.289	222.334	
1.000	14.755				
8/11/2016 2:44:45 PM	59400.000	139.122	21.334	317.101	
4497.919	4836.598	2.623	3.289	222.325	
1.000	14.764				
8/11/2016 2:59:45 PM	60300.000	139.125	21.333	317.109	
4497.647	4836.393	2.623	3.289	222.338	
1.000	14.756				
8/11/2016 3:14:45 PM	61200.000	139.156	21.331	317.180	
4497.778	4836.681	2.623	3.289	222.332	
1.000	14.753				
8/11/2016 3:29:45 PM	62100.000	139.125	21.335	317.109	
4497.680	4836.236	2.623	3.289	222.337	
1.000	14.754				
8/11/2016 3:44:45 PM	63000.000	139.126	21.335	317.112	
4498.113	4836.702	2.623	3.289	222.315	
1.000	14.751				
8/11/2016 3:59:45 PM	63900.000	139.130	21.336	317.120	
4498.249	4836.717	2.623	3.289	222.309	
1.000	14.747				
8/11/2016 4:14:45 PM	64800.000	139.119	21.335	317.096	
4498.167	4836.760	2.623	3.289	222.313	
1.000	14.754				
8/11/2016 4:29:45 PM	65700.000	139.129	21.334	317.119	
4497.679	4836.278	2.623	3.289	222.337	

1.000	14.746			
8/11/2016 4:44:45 PM	66600.000	139.129	21.338	317.117
4498.300	4836.582	2.623	3.289	222.306
1.000	14.747			
8/11/2016 4:59:45 PM	67500.000	139.085	21.338	317.018
4498.200	4836.465	2.623	3.289	222.311
1.000	14.747			
8/11/2016 5:14:45 PM	68400.000	139.136	21.341	317.135
4498.610	4836.610	2.623	3.289	222.291
1.000	14.741			
8/11/2016 5:29:45 PM	69300.000	139.137	21.341	317.137
4498.532	4836.543	2.623	3.289	222.295
1.000	14.746			
8/11/2016 5:44:45 PM	70200.000	139.172	21.339	317.217
4499.366	4837.683	2.624	3.290	222.254
1.000	14.742			
8/11/2016 5:59:45 PM	71100.000	139.147	21.338	317.158
4499.380	4837.716	2.624	3.290	222.253
1.000	14.741			
8/11/2016 6:14:45 PM	72000.000	139.138	21.341	317.138
4499.009	4837.056	2.624	3.289	222.271
1.000	14.744			
8/11/2016 6:29:45 PM	72900.000	139.154	21.342	317.175
4499.987	4837.994	2.624	3.290	222.223
1.000	14.741			
8/11/2016 6:44:45 PM	73800.000	139.156	21.337	317.179
4499.545	4838.042	2.624	3.290	222.245
1.000	14.735			
8/11/2016 6:59:45 PM	74700.000	139.159	21.337	317.185
4499.975	4838.537	2.624	3.290	222.223
1.000	14.739			
8/11/2016 7:14:45 PM	75600.000	139.164	21.338	317.197
4499.965	4838.372	2.624	3.290	222.224
1.000	14.739			
8/11/2016 7:29:45 PM	76500.000	139.164	21.341	317.198
4501.276	4839.458	2.625	3.291	222.159
1.000	14.741			
8/11/2016 7:44:45 PM	77400.000	139.174	21.346	317.221
4501.192	4838.915	2.625	3.290	222.163
1.000	14.738			
8/11/2016 7:59:45 PM	78300.000	139.179	21.343	317.231
4501.615	4839.622	2.625	3.291	222.143
1.000	14.739			
8/11/2016 8:14:45 PM	79200.000	139.182	21.337	317.238
4501.245	4839.885	2.625	3.291	222.161
1.000	14.746			
8/11/2016 8:29:45 PM	80100.000	139.182	21.337	317.239
4501.025	4839.649	2.625	3.291	222.172
1.000	14.744			
8/11/2016 8:44:45 PM	81000.000	139.197	21.340	317.273
4501.071	4839.360	2.625	3.291	222.169
1.000	14.739			
8/11/2016 8:59:45 PM	81900.000	139.195	21.336	317.268
4500.942	4839.674	2.625	3.291	222.176
1.000	14.739			
8/11/2016 9:14:45 PM	82800.000	139.197	21.335	317.273
4500.357	4839.072	2.625	3.291	222.205
1.000	14.743			

8/11/2016 9:29:45 PM	83700.000	139.201	21.332	317.282
4500.698	4839.768	2.625	3.291	222.188
1.000	14.749			
8/11/2016 9:44:45 PM	84600.000	139.237	21.332	317.364
4500.988	4840.106	2.625	3.291	222.173
1.000	14.748			
8/11/2016 9:59:45 PM	85500.000	139.202	21.329	317.284
4500.368	4839.709	2.625	3.291	222.204
1.000	14.747			
8/11/2016 10:14:45 PM	86400.000	139.208	21.328	317.299
4500.561	4840.013	2.625	3.291	222.195
1.000	14.748			
8/11/2016 10:29:45 PM	87300.000	139.212	21.330	317.307
4500.752	4839.976	2.625	3.291	222.185
1.000	14.745			
8/11/2016 10:44:45 PM	88200.000	139.200	21.333	317.281
4499.800	4838.681	2.624	3.290	222.232
1.000	14.748			
8/11/2016 10:59:45 PM	89100.000	139.242	21.339	317.375
4500.484	4838.876	2.625	3.290	222.198
1.000	14.743			
8/11/2016 11:14:45 PM	90000.000	139.209	21.343	317.301
4501.819	4839.912	2.625	3.291	222.132
1.000	14.747			
8/11/2016 11:29:45 PM	90900.000	139.206	21.345	317.294
4502.574	4840.453	2.626	3.292	222.095
1.000	14.748			
8/11/2016 11:44:45 PM	91800.000	139.202	21.342	317.284
4502.960	4841.181	2.626	3.292	222.076
1.000	14.747			
8/11/2016 11:59:45 PM	92700.000	139.206	21.339	317.293
4503.534	4842.129	2.626	3.293	222.048
1.000	14.748			
8/12/2016 12:14:45 AM	93600.000	139.198	21.342	317.276
4504.136	4842.463	2.627	3.293	222.018
1.000	14.748			
8/12/2016 12:29:45 AM	94500.000	139.201	21.344	317.283
4503.899	4842.008	2.626	3.293	222.030
1.000	14.749			
8/12/2016 12:44:45 AM	95400.000	139.188	21.345	317.252
4504.266	4842.341	2.627	3.293	222.012
1.000	14.750			
8/12/2016 12:59:45 AM	96300.000	139.200	21.346	317.280
4504.899	4842.926	2.627	3.293	221.981
1.000	14.746			
8/12/2016 1:14:45 AM	97200.000	139.203	21.344	317.288
4504.986	4843.221	2.627	3.293	221.976
1.000	14.744			
8/12/2016 1:29:45 AM	98100.000	139.237	21.341	317.364
4505.152	4843.634	2.627	3.294	221.968
1.000	14.746			
8/12/2016 1:44:45 AM	99000.000	139.205	21.337	317.290
4503.943	4842.743	2.627	3.293	222.028
1.000	14.749			
8/12/2016 1:59:45 AM	99900.000	139.214	21.337	317.313
4504.163	4843.022	2.627	3.293	222.017
1.000	14.743			

8/12/2016 2:14:45 AM	100800.000	139.200	21.340	317.279
4504.995	4843.579	2.627	3.294	221.976
1.000	14.744			
8/12/2016 2:29:45 AM	101700.000	139.204	21.340	317.289
4505.143	4843.781	2.627	3.294	221.969
1.000	14.746			
8/12/2016 2:44:45 AM	102600.000	139.199	21.340	317.278
4505.104	4843.714	2.627	3.294	221.970
1.000	14.743			
8/12/2016 2:59:45 AM	103500.000	139.206	21.342	317.294
4505.640	4844.106	2.628	3.294	221.944
1.000	14.736			
8/12/2016 3:14:45 AM	104400.000	139.212	21.343	317.307
4505.867	4844.229	2.628	3.294	221.933
1.000	14.736			
8/12/2016 3:29:45 AM	105300.000	139.207	21.343	317.297
4506.664	4845.094	2.628	3.295	221.894
1.000	14.744			
8/12/2016 3:44:45 AM	106200.000	139.202	21.341	317.284
4506.341	4844.903	2.628	3.295	221.910
1.000	14.739			
8/12/2016 3:59:45 AM	107100.000	139.246	21.344	317.384
4506.546	4844.819	2.628	3.294	221.899
1.000	14.743			
8/12/2016 4:14:45 AM	108000.000	139.211	21.345	317.305
4507.845	4846.188	2.629	3.295	221.835
1.000	14.736			
8/12/2016 4:29:45 AM	108900.000	139.208	21.340	317.298
4507.188	4845.910	2.629	3.295	221.868
1.000	14.742			
8/12/2016 4:44:45 AM	109800.000	139.249	21.341	317.391
4508.091	4846.821	2.629	3.296	221.823
1.000	14.737			
8/12/2016 4:59:45 AM	110700.000	139.213	21.344	317.309
4508.707	4847.168	2.629	3.296	221.793
1.000	14.742			
8/12/2016 5:14:45 AM	111600.000	139.222	21.344	317.330
4508.554	4847.065	2.629	3.296	221.801
1.000	14.744			
8/12/2016 5:29:45 AM	112500.000	139.214	21.342	317.313
4510.098	4848.917	2.630	3.297	221.725
1.000	14.746			
8/12/2016 5:44:45 AM	113400.000	139.221	21.343	317.327
4510.464	4849.206	2.631	3.297	221.707
1.000	14.748			
8/12/2016 5:59:45 AM	114300.000	139.250	21.343	317.394
4509.958	4848.635	2.630	3.297	221.732
1.000	14.751			
8/12/2016 6:14:45 AM	115200.000	139.237	21.343	317.364
4511.309	4850.044	2.631	3.298	221.665
1.000	14.745			
8/12/2016 6:29:45 AM	116100.000	139.231	21.342	317.352
4511.370	4850.206	2.631	3.298	221.662
1.000	14.750			
8/12/2016 6:44:45 AM	117000.000	139.275	21.343	317.450
4511.754	4850.541	2.631	3.298	221.643
1.000	14.751			
8/12/2016 6:59:45 AM	117900.000	139.240	21.343	317.372

4512.647	4851.510	2.632	3.299	221.599
1.000	14.754			
8/12/2016 7:14:45 AM	118800.000	139.244	21.340	317.379
4512.100	4851.270	2.632	3.299	221.626
1.000	14.758			
8/12/2016 7:29:45 AM	119700.000	139.251	21.336	317.395
4512.449	4852.021	2.632	3.299	221.609
1.000	14.760			
8/12/2016 7:44:45 AM	120600.000	139.241	21.337	317.372
4513.464	4852.999	2.633	3.300	221.559
1.000	14.764			
8/12/2016 7:59:45 AM	121500.000	139.256	21.339	317.407
4513.367	4852.658	2.633	3.300	221.564
1.000	14.759			
8/12/2016 8:14:45 AM	122400.000	139.258	21.339	317.413
4514.191	4853.535	2.633	3.300	221.524
1.000	14.768			
8/12/2016 8:29:45 AM	123300.000	139.263	21.340	317.423
4514.218	4853.539	2.633	3.300	221.522
1.000	14.764			
8/12/2016 8:44:45 AM	124200.000	139.274	21.337	317.447
4514.656	4854.253	2.633	3.301	221.501
1.000	14.759			
8/12/2016 8:59:45 AM	125100.000	139.311	21.339	317.533
4515.081	4854.580	2.634	3.301	221.480
1.000	14.761			
8/12/2016 9:14:45 AM	126000.000	139.272	21.330	317.445
4514.989	4855.328	2.634	3.302	221.484
1.000	14.764			
8/12/2016 9:29:45 AM	126900.000	139.282	21.330	317.467
4515.271	4855.658	2.634	3.302	221.471
1.000	14.765			
8/12/2016 9:44:45 AM	127800.000	139.286	21.336	317.475
4516.246	4856.060	2.635	3.302	221.423
1.000	14.764			
8/12/2016 9:59:45 AM	128700.000	139.288	21.338	317.481
4516.980	4856.692	2.635	3.303	221.387
1.000	14.768			
8/12/2016 10:14:45 AM	129600.000	139.289	21.338	317.482
4518.051	4857.852	2.636	3.303	221.334
1.000	14.766			
8/12/2016 10:29:45 AM	130500.000	139.341	21.339	317.601
4518.230	4857.948	2.636	3.303	221.326
1.000	14.759			
8/12/2016 10:44:45 AM	131400.000	139.301	21.339	317.509
4519.145	4858.870	2.636	3.304	221.281
1.000	14.766			
8/12/2016 10:59:45 AM	132300.000	139.344	21.338	317.607
4520.613	4860.615	2.637	3.305	221.209
1.000	14.770			
8/12/2016 11:14:45 AM	133200.000	139.347	21.337	317.615
4520.490	4860.518	2.637	3.305	221.215
1.000	14.768			
8/12/2016 11:29:45 AM	134100.000	139.355	21.337	317.633
4520.991	4861.117	2.637	3.306	221.190
1.000	14.764			
8/12/2016 11:44:45 AM	135000.000	139.321	21.339	317.556

4521.126	4861.063	2.637	3.306	221.184
1.000	14.763			
8/12/2016 11:59:45 AM	135900.000	139.317	21.337	317.546
4521.720	4861.858	2.638	3.306	221.155
1.000	14.768			
8/12/2016 12:14:45 PM	136800.000	139.315	21.335	317.541
4522.276	4862.684	2.638	3.307	221.128
1.000	14.767			
8/12/2016 12:29:45 PM	137700.000	139.317	21.339	317.548
4522.934	4862.944	2.638	3.307	221.095
1.000	14.769			
8/12/2016 12:44:45 PM	138600.000	139.313	21.338	317.538
4522.173	4862.275	2.638	3.306	221.133
1.000	14.767			
8/12/2016 12:59:45 PM	139500.000	139.331	21.337	317.577
4524.315	4864.709	2.640	3.308	221.028
1.000	14.764			
8/12/2016 1:14:45 PM	140400.000	139.332	21.331	317.581
4524.813	4865.753	2.640	3.309	221.004
1.000	14.758			
8/12/2016 1:29:45 PM	141300.000	139.326	21.337	317.567
4525.073	4865.446	2.640	3.309	220.991
1.000	14.760			
8/12/2016 1:44:45 PM	142200.000	139.322	21.334	317.558
4525.477	4866.168	2.640	3.309	220.971
1.000	14.760			
8/12/2016 1:59:45 PM	143100.000	139.312	21.336	317.534
4525.972	4866.534	2.641	3.309	220.947
1.000	14.763			
8/12/2016 2:14:45 PM	144000.000	139.282	21.331	317.467
4525.773	4866.855	2.641	3.309	220.957
1.000	14.760			
8/12/2016 2:29:45 PM	144900.000	139.310	21.334	317.531
4526.267	4867.070	2.641	3.310	220.933
1.000	14.761			
8/12/2016 2:44:45 PM	145800.000	139.337	21.334	317.591
4526.264	4867.058	2.641	3.310	220.933
1.000	14.759			
8/12/2016 2:59:45 PM	146700.000	139.294	21.336	317.494
4526.324	4866.949	2.641	3.310	220.930
1.000	14.759			
8/12/2016 3:14:45 PM	147600.000	139.286	21.337	317.477
4527.251	4867.779	2.641	3.310	220.885
1.000	14.757			
8/12/2016 3:29:45 PM	148500.000	139.288	21.332	317.481
4527.468	4868.520	2.642	3.311	220.874
1.000	14.758			
8/12/2016 3:44:45 PM	149400.000	139.319	21.336	317.551
4528.521	4869.285	2.642	3.311	220.823
1.000	14.753			
8/12/2016 3:59:45 PM	150300.000	139.272	21.336	317.443
4529.041	4869.800	2.642	3.311	220.797
1.000	14.761			
8/12/2016 4:14:45 PM	151200.000	139.266	21.332	317.430
4529.237	4870.449	2.643	3.312	220.788
1.000	14.753			
8/12/2016 4:29:45 PM	152100.000	139.260	21.335	317.417
4530.216	4871.187	2.643	3.312	220.740

1.000	14.753			
8/12/2016 4:44:45 PM	153000.000	139.251	21.340	317.395
4531.204	4871.722	2.644	3.313	220.692
1.000	14.751			
8/12/2016 4:59:45 PM	153900.000	139.244	21.339	317.381
4532.547	4873.288	2.644	3.314	220.627
1.000	14.749			
8/12/2016 5:14:45 PM	154800.000	139.248	21.337	317.390
4533.030	4874.062	2.645	3.314	220.603
1.000	14.745			
8/12/2016 5:29:45 PM	155700.000	139.240	21.337	317.370
4534.260	4875.306	2.646	3.315	220.543
1.000	14.746			
8/12/2016 5:44:45 PM	156600.000	139.239	21.335	317.368
4534.678	4876.011	2.646	3.316	220.523
1.000	14.735			
8/12/2016 5:59:45 PM	157500.000	139.233	21.337	317.356
4535.779	4877.001	2.647	3.316	220.469
1.000	14.737			
8/12/2016 6:14:45 PM	158400.000	139.233	21.335	317.354
4536.121	4877.509	2.647	3.317	220.453
1.000	14.733			
8/12/2016 6:29:45 PM	159300.000	139.224	21.335	317.334
4536.314	4877.717	2.647	3.317	220.443
1.000	14.735			
8/12/2016 6:44:45 PM	160200.000	139.232	21.333	317.353
4535.604	4877.172	2.647	3.316	220.478
1.000	14.732			
8/12/2016 6:59:45 PM	161100.000	139.229	21.339	317.346
4536.917	4877.979	2.647	3.317	220.414
1.000	14.730			
8/12/2016 7:14:45 PM	162000.000	139.231	21.337	317.349
4536.241	4877.514	2.647	3.317	220.447
1.000	14.732			
8/12/2016 7:29:45 PM	162900.000	139.233	21.338	317.356
4536.717	4877.896	2.647	3.317	220.424
1.000	14.732			
8/12/2016 7:44:45 PM	163800.000	139.232	21.341	317.352
4537.133	4878.063	2.647	3.317	220.403
1.000	14.724			
8/12/2016 7:59:45 PM	164700.000	139.230	21.341	317.349
4537.100	4877.982	2.647	3.317	220.405
1.000	14.728			
8/12/2016 8:14:45 PM	165600.000	139.227	21.342	317.342
4536.917	4877.707	2.647	3.317	220.414
1.000	14.734			
8/12/2016 8:29:45 PM	166500.000	139.230	21.344	317.349
4537.338	4877.922	2.647	3.317	220.394
1.000	14.734			
8/12/2016 8:44:45 PM	167400.000	139.233	21.343	317.355
4537.444	4878.151	2.647	3.317	220.388
1.000	14.735			
8/12/2016 8:59:45 PM	168300.000	139.240	21.343	317.372
4537.771	4878.554	2.648	3.317	220.373
1.000	14.734			
8/12/2016 9:14:45 PM	169200.000	139.270	21.346	317.439
4537.352	4877.797	2.647	3.317	220.393

1.000	14.735			
8/12/2016 9:29:45 PM	170100.000	139.268	21.346	317.436
4536.965	4877.372	2.647	3.317	220.412
1.000	14.741			
8/12/2016 9:44:45 PM	171000.000	139.270	21.333	317.439
4536.404	4878.077	2.647	3.317	220.439
1.000	14.739			
8/12/2016 9:59:45 PM	171900.000	139.253	21.326	317.400
4534.202	4876.438	2.646	3.316	220.546
1.000	14.737			
8/12/2016 10:14:45 PM	172800.000	139.248	21.325	317.390
4530.881	4872.962	2.644	3.314	220.708
1.000	14.744			
8/12/2016 10:29:45 PM	173700.000	139.239	21.325	317.369
4528.880	4870.750	2.643	3.312	220.805
1.000	14.746			
8/12/2016 10:44:45 PM	174600.000	139.253	21.325	317.400
4526.106	4867.801	2.641	3.310	220.940
1.000	14.737			
8/12/2016 10:59:45 PM	175500.000	139.254	21.316	317.404
4523.409	4865.811	2.640	3.309	221.072
1.000	14.739			
8/12/2016 11:14:45 PM	176400.000	139.252	21.314	317.398
4519.048	4861.321	2.638	3.306	221.286
1.000	14.739			
8/12/2016 11:29:45 PM	177300.000	139.245	21.313	317.383
4515.149	4857.179	2.635	3.303	221.477
1.000	14.738			
8/12/2016 11:44:45 PM	178200.000	139.251	21.314	317.396
4512.749	4854.501	2.634	3.301	221.594
1.000	14.733			
8/12/2016 11:59:45 PM	179100.000	139.247	21.315	317.386
4511.172	4852.771	2.633	3.300	221.672
1.000	14.732			
8/13/2016 12:14:45 AM	180000.000	139.247	21.317	317.387
4510.044	4851.321	2.632	3.299	221.727
1.000	14.735			
8/13/2016 12:29:45 AM	180900.000	139.236	21.319	317.361
4508.545	4849.534	2.631	3.298	221.801
1.000	14.732			
8/13/2016 12:44:45 AM	181800.000	139.237	21.321	317.365
4508.331	4849.066	2.630	3.297	221.812
1.000	14.731			
8/13/2016 12:59:45 AM	182700.000	139.236	21.321	317.362
4508.174	4848.881	2.630	3.297	221.819
1.000	14.728			
8/13/2016 1:14:45 AM	183600.000	139.228	21.323	317.344
4507.524	4848.000	2.630	3.297	221.851
1.000	14.731			
8/13/2016 1:29:45 AM	184500.000	139.220	21.324	317.325
4506.768	4847.115	2.629	3.296	221.889
1.000	14.737			
8/13/2016 1:44:45 AM	185400.000	139.226	21.323	317.339
4505.976	4846.299	2.629	3.295	221.928
1.000	14.729			
8/13/2016 1:59:45 AM	186300.000	139.231	21.324	317.350
4505.244	4845.424	2.628	3.295	221.964
1.000	14.726			

8/13/2016 2:14:45 AM	187200.000	139.174	21.323	317.220
4504.672	4844.887	2.628	3.295	221.992
1.000	14.729			
8/13/2016 2:29:45 AM	188100.000	139.210	21.324	317.303
4503.802	4843.942	2.628	3.294	222.035
1.000	14.725			
8/13/2016 2:44:45 AM	189000.000	139.210	21.318	317.303
4503.624	4844.266	2.628	3.294	222.043
1.000	14.719			
8/13/2016 2:59:45 AM	189900.000	139.161	21.319	317.190
4503.638	4844.246	2.628	3.294	222.043
1.000	14.723			
8/13/2016 3:14:45 AM	190800.000	139.195	21.322	317.269
4503.125	4843.380	2.627	3.293	222.068
1.000	14.723			
8/13/2016 3:29:45 AM	191700.000	139.188	21.323	317.252
4502.763	4842.914	2.627	3.293	222.086
1.000	14.722			
8/13/2016 3:44:45 AM	192600.000	139.185	21.322	317.246
4502.363	4842.509	2.627	3.293	222.106
1.000	14.723			
8/13/2016 3:59:45 AM	193500.000	139.188	21.323	317.251
4502.473	4842.593	2.627	3.293	222.100
1.000	14.718			
8/13/2016 4:14:45 AM	194400.000	139.186	21.323	317.248
4501.900	4841.994	2.626	3.293	222.128
1.000	14.718			
8/13/2016 4:29:45 AM	195300.000	139.186	21.321	317.248
4501.264	4841.457	2.626	3.292	222.160
1.000	14.712			
8/13/2016 4:44:45 AM	196200.000	139.175	21.313	317.222
4500.077	4840.992	2.626	3.292	222.218
1.000	14.715			
8/13/2016 4:59:45 AM	197100.000	139.185	21.312	317.245
4497.500	4838.307	2.624	3.290	222.346
1.000	14.713			
8/13/2016 5:14:45 AM	198000.000	139.145	21.312	317.154
4495.872	4836.598	2.623	3.289	222.426
1.000	14.716			
8/13/2016 5:29:45 AM	198900.000	139.178	21.313	317.230
4494.324	4834.847	2.622	3.288	222.503
1.000	14.717			
8/13/2016 5:44:45 AM	199800.000	139.181	21.313	317.236
4492.089	4832.355	2.621	3.286	222.614
1.000	14.716			
8/13/2016 5:59:45 AM	200700.000	139.170	21.316	317.211
4491.223	4831.144	2.620	3.285	222.657
1.000	14.720			
8/13/2016 6:14:45 AM	201600.000	139.172	21.317	317.215
4490.428	4830.228	2.620	3.285	222.696
1.000	14.716			
8/13/2016 6:29:45 AM	202500.000	139.175	21.318	317.223
4489.735	4829.388	2.619	3.284	222.730
1.000	14.715			
8/13/2016 6:44:45 AM	203400.000	139.178	21.318	317.230
4489.067	4828.644	2.619	3.283	222.763
1.000	14.717			

8/13/2016 6:59:45 AM	204300.000	139.141	21.319	317.145
4488.083	4827.447	2.618	3.283	222.812
1.000	14.724			
8/13/2016 7:14:45 AM	205200.000	139.144	21.320	317.152
4487.243	4826.508	2.617	3.282	222.854
1.000	14.722			
8/13/2016 7:29:45 AM	206100.000	139.175	21.315	317.224
4486.695	4826.405	2.617	3.282	222.881
1.000	14.729			
8/13/2016 7:44:45 AM	207000.000	139.168	21.312	317.207
4485.574	4825.442	2.617	3.281	222.937
1.000	14.733			
8/13/2016 7:59:45 AM	207900.000	139.181	21.313	317.236
4484.852	4824.578	2.616	3.281	222.973
1.000	14.730			
8/13/2016 8:14:45 AM	208800.000	139.214	21.317	317.312
4484.729	4824.108	2.616	3.280	222.979
1.000	14.732			
8/13/2016 8:29:45 AM	209700.000	139.181	21.320	317.236
4484.860	4823.918	2.616	3.280	222.972
1.000	14.731			
8/13/2016 8:44:45 AM	210600.000	139.180	21.323	317.234
4484.896	4823.661	2.616	3.280	222.971
1.000	14.730			
8/13/2016 8:59:45 AM	211500.000	139.185	21.326	317.245
4485.431	4823.899	2.616	3.280	222.944
1.000	14.733			
8/13/2016 9:14:45 AM	212400.000	139.182	21.321	317.239
4484.169	4823.097	2.615	3.280	223.007
1.000	14.734			
8/13/2016 9:29:45 AM	213300.000	139.190	21.320	317.257
4483.951	4822.906	2.615	3.280	223.018
1.000	14.730			
8/13/2016 9:44:45 AM	214200.000	139.188	21.322	317.253
4483.652	4822.411	2.615	3.279	223.032
1.000	14.731			
8/13/2016 9:59:45 AM	215100.000	139.196	21.322	317.271
4483.730	4822.538	2.615	3.279	223.029
1.000	14.728			
8/13/2016 10:14:45 AM	216000.000	139.192	21.322	317.261
4484.297	4823.130	2.615	3.280	223.000
1.000	14.728			
8/13/2016 10:29:45 AM	216900.000	139.192	21.330	317.262
4484.730	4822.755	2.615	3.279	222.979
1.000	14.727			
8/13/2016 10:44:45 AM	217800.000	139.236	21.328	317.362
4484.395	4822.584	2.615	3.279	222.996
1.000	14.728			
8/13/2016 10:59:45 AM	218700.000	139.190	21.332	317.256
4485.215	4823.067	2.615	3.280	222.955
1.000	14.730			
8/13/2016 11:14:45 AM	219600.000	139.187	21.334	317.251
4485.311	4823.057	2.615	3.280	222.950
1.000	14.730			
8/13/2016 11:29:45 AM	220500.000	139.184	21.334	317.243
4485.592	4823.359	2.616	3.280	222.936
1.000	14.727			
8/13/2016 11:44:45 AM	221400.000	139.185	21.338	317.246

4486.231	4823.622	2.616	3.280	222.904
1.000	14.723			
8/13/2016 11:59:45 AM	222300.000	139.223	21.334	317.333
4486.231	4824.003	2.616	3.280	222.904
1.000	14.724			
8/13/2016 12:14:45 PM	223200.000	139.178	21.337	317.230
4486.772	4824.265	2.616	3.281	222.877
1.000	14.721			
8/13/2016 12:29:45 PM	224100.000	139.176	21.340	317.225
4488.161	4825.531	2.617	3.281	222.808
1.000	14.723			
8/13/2016 12:44:45 PM	225000.000	139.177	21.335	317.227
4488.419	4826.226	2.617	3.282	222.796
1.000	14.721			
8/13/2016 12:59:45 PM	225900.000	139.206	21.339	317.294
4489.510	4827.026	2.618	3.282	222.741
1.000	14.723			
8/13/2016 1:14:45 PM	226800.000	139.171	21.341	317.214
4489.828	4827.211	2.618	3.283	222.726
1.000	14.717			
8/13/2016 1:29:45 PM	227700.000	139.201	21.342	317.281
4490.408	4827.730	2.618	3.283	222.697
1.000	14.717			
8/13/2016 1:44:45 PM	228600.000	139.171	21.346	317.215
4491.310	4828.291	2.618	3.283	222.652
1.000	14.714			
8/13/2016 1:59:45 PM	229500.000	139.159	21.343	317.186
4491.876	4829.188	2.619	3.284	222.624
1.000	14.716			
8/13/2016 2:14:45 PM	230400.000	139.161	21.341	317.190
4492.173	4829.742	2.619	3.284	222.609
1.000	14.718			
8/13/2016 2:29:45 PM	231300.000	139.163	21.339	317.195
4492.649	4830.452	2.620	3.285	222.586
1.000	14.717			
8/13/2016 2:44:45 PM	232200.000	139.165	21.339	317.199
4492.519	4830.260	2.620	3.285	222.592
1.000	14.714			
8/13/2016 2:59:45 PM	233100.000	139.199	21.341	317.278
4492.437	4830.033	2.619	3.284	222.596
1.000	14.711			
8/13/2016 3:14:45 PM	234000.000	139.161	21.339	317.190
4492.238	4830.020	2.619	3.284	222.606
1.000	14.713			
8/13/2016 3:29:45 PM	234900.000	139.201	21.322	317.282
4490.385	4829.645	2.619	3.284	222.698
1.000	14.710			
8/13/2016 3:44:45 PM	235800.000	139.169	21.321	317.210
4490.095	4829.418	2.619	3.284	222.712
1.000	14.706			
8/13/2016 3:59:45 PM	236700.000	139.175	21.320	317.222
4489.289	4828.690	2.619	3.284	222.752
1.000	14.706			
8/13/2016 4:14:45 PM	237600.000	139.171	21.320	317.214
4489.005	4828.342	2.618	3.283	222.766
1.000	14.703			
8/13/2016 4:29:45 PM	238500.000	139.180	21.323	317.234

4488.913	4827.964	2.618	3.283	222.771
1.000	14.699			
8/13/2016 4:44:45 PM	239400.000	139.178	21.321	317.230
4486.962	4826.066	2.617	3.282	222.868
1.000	14.697			
8/13/2016 4:59:45 PM	240300.000	139.173	21.322	317.217
4485.751	4824.686	2.616	3.281	222.928
1.000	14.697			
8/13/2016 5:14:45 PM	241200.000	139.181	21.326	317.237
4485.677	4824.232	2.616	3.280	222.932
1.000	14.694			
8/13/2016 5:29:45 PM	242100.000	139.177	21.326	317.228
4484.978	4823.499	2.616	3.280	222.967
1.000	14.695			
8/13/2016 5:44:45 PM	243000.000	139.186	21.327	317.248
4483.892	4822.200	2.615	3.279	223.021
1.000	14.690			
8/13/2016 5:59:45 PM	243900.000	139.178	21.328	317.229
4483.615	4821.807	2.615	3.279	223.034
1.000	14.689			
8/13/2016 6:14:45 PM	244800.000	139.178	21.327	317.230
4483.641	4821.921	2.615	3.279	223.033
1.000	14.689			
8/13/2016 6:29:45 PM	245700.000	139.178	21.325	317.230
4483.329	4821.742	2.615	3.279	223.049
1.000	14.689			
8/13/2016 6:44:45 PM	246600.000	139.168	21.316	317.207
4481.998	4821.230	2.614	3.278	223.115
1.000	14.690			
8/13/2016 6:59:45 PM	247500.000	139.188	21.309	317.251
4479.731	4819.512	2.613	3.277	223.228
1.000	14.693			
8/13/2016 7:14:45 PM	248400.000	139.188	21.310	317.252
4477.594	4817.101	2.612	3.276	223.334
1.000	14.695			
8/13/2016 7:29:45 PM	249300.000	139.195	21.311	317.267
4476.640	4815.952	2.611	3.275	223.382
1.000	14.690			
8/13/2016 7:44:45 PM	250200.000	139.158	21.312	317.184
4475.103	4814.230	2.610	3.274	223.459
1.000	14.687			
8/13/2016 7:59:45 PM	251100.000	139.191	21.312	317.258
4473.298	4812.279	2.609	3.272	223.549
1.000	14.688			
8/13/2016 8:14:45 PM	252000.000	139.202	21.313	317.284
4473.205	4812.083	2.609	3.272	223.553
1.000	14.686			
8/13/2016 8:29:45 PM	252900.000	139.208	21.314	317.297
4470.655	4809.203	2.607	3.270	223.681
1.000	14.688			
8/13/2016 8:44:45 PM	253800.000	139.191	21.316	317.259
4470.423	4808.805	2.607	3.270	223.692
1.000	14.692			
8/13/2016 8:59:45 PM	254700.000	139.199	21.315	317.277
4470.365	4808.786	2.607	3.270	223.695
1.000	14.691			
8/13/2016 9:14:45 PM	255600.000	139.200	21.314	317.280
4469.152	4807.646	2.607	3.269	223.756

1.000	14.693			
8/13/2016 9:29:45 PM	256500.000	139.199	21.314	317.277
4468.413	4806.782	2.606	3.269	223.793
1.000	14.693			
8/13/2016 9:44:45 PM	257400.000	139.200	21.318	317.280
4468.570	4806.631	2.606	3.269	223.785
1.000	14.692			
8/13/2016 9:59:45 PM	258300.000	139.194	21.320	317.267
4467.692	4805.505	2.605	3.268	223.829
1.000	14.696			
8/13/2016 10:14:45 PM	259200.000	139.183	21.326	317.240
4468.498	4805.757	2.605	3.268	223.789
1.000	14.697			
8/13/2016 10:29:45 PM	260100.000	139.196	21.325	317.272
4468.898	4806.222	2.606	3.268	223.769
1.000	14.698			
8/13/2016 10:44:45 PM	261000.000	139.191	21.322	317.258
4468.699	4806.302	2.606	3.268	223.779
1.000	14.697			
8/13/2016 10:59:45 PM	261900.000	139.185	21.324	317.245
4468.604	4806.070	2.606	3.268	223.784
1.000	14.695			
8/13/2016 11:14:45 PM	262800.000	139.183	21.324	317.240
4467.379	4804.684	2.605	3.267	223.845
1.000	14.697			
8/13/2016 11:29:45 PM	263700.000	139.188	21.324	317.253
4467.580	4804.942	2.605	3.267	223.835
1.000	14.693			
8/13/2016 11:44:45 PM	264600.000	139.185	21.324	317.245
4467.223	4804.533	2.605	3.267	223.853
1.000	14.692			
8/13/2016 11:59:45 PM	265500.000	139.181	21.324	317.237
4467.487	4804.851	2.605	3.267	223.839
1.000	14.694			
8/14/2016 12:14:45 AM	266400.000	139.178	21.331	317.230
4467.828	4804.526	2.605	3.267	223.822
1.000	14.693			
8/14/2016 12:29:45 AM	267300.000	139.176	21.330	317.225
4467.818	4804.636	2.605	3.267	223.823
1.000	14.692			
8/14/2016 12:44:45 AM	268200.000	139.175	21.333	317.224
4468.082	4804.592	2.605	3.267	223.810
1.000	14.690			
8/14/2016 12:59:45 AM	269100.000	139.170	21.336	317.212
4468.382	4804.620	2.605	3.267	223.795
1.000	14.694			
8/14/2016 1:14:45 AM	270000.000	139.170	21.332	317.211
4468.577	4805.236	2.605	3.268	223.785
1.000	14.690			
8/14/2016 1:29:45 AM	270900.000	139.170	21.336	317.212
4469.331	4805.667	2.605	3.268	223.747
1.000	14.689			
8/14/2016 1:44:45 AM	271800.000	139.148	21.337	317.161
4469.929	4806.180	2.606	3.268	223.717
1.000	14.691			
8/14/2016 1:59:45 AM	272700.000	139.150	21.334	317.165
4469.974	4806.521	2.606	3.268	223.715

1.000	14.689			
8/14/2016 2:14:45 AM	273600.000	139.148	21.335	317.161
4470.388	4806.924	2.606	3.269	223.694
1.000	14.687			
8/14/2016 2:29:45 AM	274500.000	139.148	21.335	317.161
4471.329	4807.893	2.607	3.269	223.647
1.000	14.686			
8/14/2016 2:44:45 AM	275400.000	139.146	21.334	317.156
4470.734	4807.383	2.606	3.269	223.677
1.000	14.684			
8/14/2016 2:59:45 AM	276300.000	139.140	21.331	317.143
4470.745	4807.646	2.607	3.269	223.676
1.000	14.679			
8/14/2016 3:14:45 AM	277200.000	139.178	21.330	317.230
4470.064	4807.001	2.606	3.269	223.710
1.000	14.676			
8/14/2016 3:29:45 AM	278100.000	139.172	21.325	317.216
4469.843	4807.291	2.606	3.269	223.721
1.000	14.680			
8/14/2016 3:44:45 AM	279000.000	139.134	21.320	317.129
4469.054	4806.970	2.606	3.269	223.761
1.000	14.678			
8/14/2016 3:59:45 AM	279900.000	139.125	21.320	317.110
4469.421	4807.347	2.606	3.269	223.743
1.000	14.684			
8/14/2016 4:14:45 AM	280800.000	139.142	21.322	317.148
4468.959	4806.607	2.606	3.268	223.766
1.000	14.684			
8/14/2016 4:29:45 AM	281700.000	139.125	21.320	317.109
4468.285	4806.064	2.606	3.268	223.799
1.000	14.684			
8/14/2016 4:44:45 AM	282600.000	139.095	21.318	317.041
4467.385	4805.347	2.605	3.268	223.845
1.000	14.683			
8/14/2016 4:59:45 AM	283500.000	139.134	21.316	317.129
4467.091	4805.186	2.605	3.268	223.859
1.000	14.681			
8/14/2016 5:14:45 AM	284400.000	139.126	21.316	317.110
4465.633	4803.626	2.604	3.266	223.932
1.000	14.686			
8/14/2016 5:29:45 AM	285300.000	139.124	21.317	317.107
4463.938	4801.751	2.603	3.265	224.017
1.000	14.685			
8/14/2016 5:44:45 AM	286200.000	139.132	21.319	317.125
4463.399	4800.973	2.603	3.265	224.045
1.000	14.689			
8/14/2016 5:59:45 AM	287100.000	139.115	21.319	317.086
4462.387	4799.858	2.602	3.264	224.095
1.000	14.687			
8/14/2016 6:14:45 AM	288000.000	139.117	21.324	317.090
4463.109	4800.168	2.602	3.264	224.059
1.000	14.697			
8/14/2016 6:29:45 AM	288900.000	139.111	21.322	317.076
4462.306	4799.426	2.602	3.264	224.099
1.000	14.692			
8/14/2016 6:44:45 AM	289800.000	139.123	21.321	317.104
4461.193	4798.394	2.601	3.263	224.155
1.000	14.693			

8/14/2016 6:59:45 AM	290700.000	139.118	21.321	317.092
4461.185	4798.314	2.601	3.263	224.156
1.000	14.696			
8/14/2016 7:14:45 AM	291600.000	139.106	21.321	317.065
4460.542	4797.666	2.601	3.262	224.188
1.000	14.700			
8/14/2016 7:29:45 AM	292500.000	139.127	21.320	317.114
4459.990	4797.194	2.601	3.262	224.216
1.000	14.690			
8/14/2016 7:44:45 AM	293400.000	139.119	21.323	317.095
4460.623	4797.512	2.601	3.262	224.184
1.000	14.697			
8/14/2016 7:59:45 AM	294300.000	139.121	21.333	317.101
4460.935	4796.898	2.600	3.262	224.168
1.000	14.695			
8/14/2016 8:14:45 AM	295200.000	139.110	21.337	317.074
4462.340	4798.037	2.601	3.263	224.098
1.000	14.702			
8/14/2016 8:29:45 AM	296100.000	139.145	21.336	317.155
4463.291	4799.103	2.602	3.263	224.050
1.000	14.702			
8/14/2016 8:44:45 AM	297000.000	139.144	21.332	317.152
4463.787	4800.051	2.602	3.264	224.025
1.000	14.704			
8/14/2016 8:59:45 AM	297900.000	139.119	21.334	317.095
4463.494	4799.520	2.602	3.264	224.040
1.000	14.703			
8/14/2016 9:14:45 AM	298800.000	139.120	21.334	317.098
4464.156	4800.309	2.602	3.264	224.007
1.000	14.703			
8/14/2016 9:29:45 AM	299700.000	139.129	21.340	317.117
4465.003	4800.573	2.602	3.264	223.964
1.000	14.701			
8/14/2016 9:44:45 AM	300600.000	139.159	21.343	317.187
4466.394	4801.782	2.603	3.265	223.894
1.000	14.705			
8/14/2016 9:59:45 AM	301500.000	139.128	21.341	317.115
4468.093	4803.809	2.604	3.267	223.809
1.000	14.711			
8/14/2016 10:14:45 AM	302400.000	139.127	21.338	317.113
4468.447	4804.466	2.605	3.267	223.791
1.000	14.712			
8/14/2016 10:29:45 AM	303300.000	139.131	21.340	317.122
4469.530	4805.508	2.605	3.268	223.737
1.000	14.704			
8/14/2016 10:44:45 AM	304200.000	139.168	21.341	317.206
4469.505	4805.292	2.605	3.268	223.738
1.000	14.709			
8/14/2016 10:59:45 AM	305100.000	139.131	21.343	317.122
4470.391	4806.045	2.606	3.268	223.694
1.000	14.708			
8/14/2016 11:14:45 AM	306000.000	139.167	21.345	317.204
4470.462	4806.000	2.606	3.268	223.691
1.000	14.704			
8/14/2016 11:29:45 AM	306900.000	139.143	21.346	317.151
4471.210	4806.719	2.606	3.269	223.653
1.000	14.703			

8/14/2016 11:44:45 AM	307800.000	139.143	21.340	317.151
4470.482	4806.498	2.606	3.268	223.689
1.000	14.703			
8/14/2016 11:59:45 AM	308700.000	139.133	21.336	317.128
4470.590	4807.038	2.606	3.269	223.684
1.000	14.706			
8/14/2016 12:14:45 PM	309600.000	139.137	21.335	317.136
4470.456	4806.980	2.606	3.269	223.691
1.000	14.703			
8/14/2016 12:29:45 PM	310500.000	139.174	21.338	317.220
4470.823	4807.064	2.606	3.269	223.672
1.000	14.699			
8/14/2016 12:44:45 PM	311400.000	139.135	21.344	317.132
4471.542	4807.275	2.606	3.269	223.637
1.000	14.704			
8/14/2016 12:59:45 PM	312300.000	139.165	21.346	317.200
4471.140	4806.582	2.606	3.268	223.657
1.000	14.695			
8/14/2016 1:14:45 PM	313200.000	139.127	21.338	317.113
4470.860	4807.043	2.606	3.269	223.671
1.000	14.701			
8/14/2016 1:29:45 PM	314100.000	139.130	21.340	317.119
4471.374	4807.491	2.606	3.269	223.645
1.000	14.699			
8/14/2016 1:44:45 PM	315000.000	139.108	21.341	317.071
4471.985	4807.985	2.607	3.269	223.614
1.000	14.705			
8/14/2016 1:59:45 PM	315900.000	139.121	21.343	317.100
4471.746	4807.528	2.607	3.269	223.626
1.000	14.699			
8/14/2016 2:14:45 PM	316800.000	139.131	21.339	317.123
4471.265	4807.460	2.606	3.269	223.650
1.000	14.692			
8/14/2016 2:29:45 PM	317700.000	139.125	21.339	317.110
4471.810	4807.985	2.607	3.269	223.623
1.000	14.697			
8/14/2016 2:44:45 PM	318600.000	139.114	21.340	317.084
4471.299	4807.375	2.606	3.269	223.649
1.000	14.698			
8/14/2016 2:59:45 PM	319500.000	139.123	21.341	317.105
4472.228	4808.288	2.607	3.270	223.602
1.000	14.691			
8/14/2016 3:14:45 PM	320400.000	139.109	21.341	317.073
4471.842	4807.883	2.607	3.269	223.621
1.000	14.690			
8/14/2016 3:29:45 PM	321300.000	139.114	21.340	317.084
4472.895	4809.057	2.607	3.270	223.569
1.000	14.691			
8/14/2016 3:44:45 PM	322200.000	139.146	21.339	317.156
4473.198	4809.504	2.608	3.270	223.554
1.000	14.692			
8/14/2016 3:59:45 PM	323100.000	139.122	21.336	317.101
4472.929	4809.554	2.608	3.270	223.567
1.000	14.686			
8/14/2016 4:14:45 PM	324000.000	139.108	21.339	317.070
4473.466	4809.801	2.608	3.271	223.540
1.000	14.693			
8/14/2016 4:29:45 PM	324900.000	139.121	21.343	317.100

4473.885	4809.837	2.608	3.271	223.519
1.000	14.683			
8/14/2016 4:44:45 PM	325800.000	139.116	21.345	317.089
4474.021	4809.800	2.608	3.271	223.513
1.000	14.685			
8/14/2016 4:59:45 PM	326700.000	139.108	21.345	317.071
4474.281	4810.045	2.608	3.271	223.500
1.000	14.691			
8/14/2016 5:14:45 PM	327600.000	139.117	21.343	317.091
4474.994	4810.994	2.609	3.271	223.464
1.000	14.689			
8/14/2016 5:29:45 PM	328500.000	139.114	21.343	317.084
4475.270	4811.299	2.609	3.272	223.450
1.000	14.686			
8/14/2016 5:44:45 PM	329400.000	139.114	21.343	317.083
4475.521	4811.638	2.609	3.272	223.438
1.000	14.686			
8/14/2016 5:59:45 PM	330300.000	139.117	21.340	317.091
4475.689	4812.130	2.609	3.272	223.429
1.000	14.688			
8/14/2016 6:14:45 PM	331200.000	139.126	21.342	317.112
4475.705	4811.949	2.609	3.272	223.428
1.000	14.688			
8/14/2016 6:29:45 PM	332100.000	139.131	21.340	317.123
4475.846	4812.204	2.609	3.272	223.421
1.000	14.684			
8/14/2016 6:44:45 PM	333000.000	139.134	21.338	317.130
4475.403	4811.979	2.609	3.272	223.444
1.000	14.683			
8/14/2016 6:59:45 PM	333900.000	139.136	21.335	317.134
4475.119	4811.942	2.609	3.272	223.458
1.000	14.685			
8/14/2016 7:14:45 PM	334800.000	139.140	21.339	317.142
4475.466	4811.899	2.609	3.272	223.440
1.000	14.687			
8/14/2016 7:29:45 PM	335700.000	139.146	21.339	317.156
4475.748	4812.237	2.609	3.272	223.426
1.000	14.686			
8/14/2016 7:44:45 PM	336600.000	139.146	21.340	317.156
4476.478	4812.978	2.610	3.273	223.390
1.000	14.686			
8/14/2016 7:59:45 PM	337500.000	139.158	21.345	317.185
4476.970	4812.953	2.610	3.273	223.365
1.000	14.689			
8/14/2016 8:14:45 PM	338400.000	139.156	21.344	317.180
4476.506	4812.594	2.609	3.273	223.389
1.000	14.688			
8/14/2016 8:29:45 PM	339300.000	139.160	21.343	317.189
4477.239	4813.468	2.610	3.273	223.352
1.000	14.694			
8/14/2016 8:44:45 PM	340200.000	139.164	21.341	317.197
4476.706	4813.095	2.610	3.273	223.379
1.000	14.690			
8/14/2016 8:59:45 PM	341100.000	139.206	21.340	317.293
4477.140	4813.622	2.610	3.273	223.357
1.000	14.699			
8/14/2016 9:14:45 PM	342000.000	139.179	21.341	317.232

4478.045	4814.490	2.611	3.274	223.312
1.000	14.697			
8/14/2016 9:29:45 PM	342900.000	139.185	21.344	317.246
4478.347	4814.555	2.611	3.274	223.297
1.000	14.698			
8/14/2016 9:44:45 PM	343800.000	139.189	21.343	317.254
4479.033	4815.379	2.611	3.274	223.262
1.000	14.698			
8/14/2016 9:59:45 PM	344700.000	139.195	21.343	317.268
4479.056	4815.396	2.611	3.274	223.261
1.000	14.699			
8/14/2016 10:14:45 PM	345600.000	139.241	21.343	317.374
4479.117	4815.487	2.611	3.275	223.258
1.000	14.698			
8/14/2016 10:29:45 PM	346500.000	139.238	21.346	317.367
4480.053	4816.165	2.612	3.275	223.212
1.000	14.700			
8/14/2016 10:44:45 PM	347400.000	139.220	21.344	317.325
4480.148	4816.439	2.612	3.275	223.207
1.000	14.700			
8/14/2016 10:59:45 PM	348300.000	139.232	21.341	317.353
4480.810	4817.455	2.612	3.276	223.174
1.000	14.701			
8/14/2016 11:14:45 PM	349200.000	139.237	21.343	317.363
4480.274	4816.706	2.612	3.275	223.201
1.000	14.700			
8/14/2016 11:29:45 PM	350100.000	139.238	21.337	317.367
4480.938	4817.992	2.613	3.276	223.168
1.000	14.700			
8/14/2016 11:44:45 PM	351000.000	139.246	21.342	317.385
4481.198	4817.759	2.612	3.276	223.155
1.000	14.698			
8/14/2016 11:59:45 PM	351900.000	139.249	21.340	317.391
4481.954	4818.832	2.613	3.277	223.117
1.000	14.705			
8/15/2016 12:14:45 AM	352800.000	139.250	21.343	317.395
4482.306	4818.898	2.613	3.277	223.099
1.000	14.703			
8/15/2016 12:29:45 AM	353700.000	139.257	21.339	317.410
4482.322	4819.306	2.613	3.277	223.099
1.000	14.704			
8/15/2016 12:44:45 AM	354600.000	139.262	21.341	317.421
4482.797	4819.617	2.613	3.277	223.075
1.000	14.712			
8/15/2016 12:59:45 AM	355500.000	139.303	21.339	317.515
4484.454	4821.598	2.615	3.279	222.993
1.000	14.706			
8/15/2016 1:14:45 AM	356400.000	139.277	21.340	317.454
4483.862	4820.865	2.614	3.278	223.022
1.000	14.709			
8/15/2016 1:29:45 AM	357300.000	139.273	21.340	317.447
4483.979	4821.035	2.614	3.278	223.016
1.000	14.707			
8/15/2016 1:44:45 AM	358200.000	139.281	21.341	317.464
4484.915	4821.877	2.615	3.279	222.970
1.000	14.707			
8/15/2016 1:59:45 AM	359100.000	139.292	21.339	317.489
4485.187	4822.350	2.615	3.279	222.956

1.000	14.704			
8/15/2016 2:14:45 AM	360000.000	139.337	21.341	317.592
4485.914	4822.986	2.615	3.280	222.920
1.000	14.702			
8/15/2016 2:29:45 AM	360900.000	139.303	21.341	317.514
4486.305	4823.423	2.616	3.280	222.901
1.000	14.703			
8/15/2016 2:44:45 AM	361800.000	139.307	21.337	317.523
4486.581	4824.042	2.616	3.280	222.887
1.000	14.698			
8/15/2016 2:59:45 AM	362700.000	139.317	21.336	317.547
4487.561	4825.243	2.617	3.281	222.838
1.000	14.698			
8/15/2016 3:14:45 AM	363600.000	139.318	21.335	317.548
4487.695	4825.474	2.617	3.281	222.832
1.000	14.698			
8/15/2016 3:29:45 AM	364500.000	139.321	21.333	317.556
4488.422	4826.438	2.617	3.282	222.795
1.000	14.695			
8/15/2016 3:44:45 AM	365400.000	139.363	21.338	317.652
4489.089	4826.686	2.618	3.282	222.762
1.000	14.699			
8/15/2016 3:59:45 AM	366300.000	139.333	21.329	317.583
4488.333	4826.766	2.618	3.282	222.800
1.000	14.697			
8/15/2016 4:14:45 AM	367200.000	139.335	21.324	317.588
4487.116	4825.996	2.617	3.282	222.860
1.000	14.699			
8/15/2016 4:29:45 AM	368100.000	139.380	21.325	317.689
4487.815	4826.611	2.618	3.282	222.826
1.000	14.701			
8/15/2016 4:44:45 AM	369000.000	139.347	21.321	317.615
4487.678	4826.844	2.618	3.282	222.832
1.000	14.700			
8/15/2016 4:59:45 AM	369900.000	139.352	21.326	317.627
4488.416	4827.108	2.618	3.282	222.796
1.000	14.702			
8/15/2016 5:14:45 AM	370800.000	139.344	21.322	317.608
4489.396	4828.650	2.619	3.283	222.747
1.000	14.703			
8/15/2016 5:29:45 AM	371700.000	139.357	21.323	317.638
4490.389	4829.614	2.619	3.284	222.698
1.000	14.707			
8/15/2016 5:44:45 AM	372600.000	139.392	21.328	317.718
4491.032	4829.792	2.619	3.284	222.666
1.000	14.700			
8/15/2016 5:59:45 AM	373500.000	139.360	21.324	317.644
4492.139	4831.312	2.620	3.285	222.611
1.000	14.705			
8/15/2016 6:14:45 AM	374400.000	139.378	21.315	317.686
4492.644	4832.744	2.621	3.286	222.586
1.000	14.696			
8/15/2016 6:29:45 AM	375300.000	139.372	21.322	317.671
4494.018	4833.560	2.622	3.287	222.518
1.000	14.705			
8/15/2016 6:44:45 AM	376200.000	139.369	21.319	317.664
4494.868	4834.822	2.622	3.288	222.476

1.000	14.708				
8/15/2016 6:59:45 AM	377100.000	139.373	21.317	317.674	
4495.996	4836.236	2.623	3.289	222.420	
1.000	14.712				
8/15/2016 7:14:45 AM	378000.000	139.372	21.318	317.672	
4496.606	4836.761	2.623	3.289	222.390	
1.000	14.713				
8/15/2016 7:29:45 AM	378900.000	139.376	21.316	317.680	
4497.452	4837.819	2.624	3.290	222.348	
1.000	14.717				
8/15/2016 7:44:45 AM	379800.000	139.375	21.319	317.679	
4498.733	4838.918	2.625	3.290	222.285	
1.000	14.715				
8/15/2016 7:59:45 AM	380700.000	139.374	21.321	317.677	
4500.465	4840.563	2.626	3.292	222.199	
1.000	14.720				
8/15/2016 8:14:45 AM	381600.000	139.377	21.326	317.683	
4502.270	4842.051	2.626	3.293	222.110	
1.000	14.719				
8/15/2016 8:29:45 AM	382500.000	139.377	21.327	317.684	
4502.797	4842.541	2.627	3.293	222.084	
1.000	14.719				
8/15/2016 8:44:45 AM	383400.000	139.388	21.330	317.708	
4504.645	4844.231	2.628	3.294	221.993	
1.000	14.719				
8/15/2016 8:59:45 AM	384300.000	139.380	21.327	317.690	
4504.938	4844.833	2.628	3.294	221.979	
1.000	14.722				
8/15/2016 9:14:45 AM	385200.000	139.379	21.328	317.688	
4506.894	4846.806	2.629	3.296	221.882	
1.000	14.724				
8/15/2016 9:29:45 AM	386100.000	139.386	21.322	317.704	
4507.765	4848.319	2.630	3.297	221.839	
1.000	14.726				
8/15/2016 9:44:45 AM	387000.000	139.419	21.326	317.779	
4508.598	4848.848	2.630	3.297	221.798	
1.000	14.725				
8/15/2016 9:59:45 AM	387900.000	139.387	21.319	317.706	
4509.945	4850.996	2.632	3.299	221.732	
1.000	14.726				
8/15/2016 10:14:45 AM	388800.000	139.379	21.323	317.688	
4510.819	4851.508	2.632	3.299	221.689	
1.000	14.726				
8/15/2016 10:29:45 AM	389700.000	139.378	21.325	317.686	
4511.993	4852.657	2.633	3.300	221.632	
1.000	14.732				
8/15/2016 10:44:45 AM	390600.000	139.379	21.325	317.687	
4513.374	4854.055	2.633	3.301	221.564	
1.000	14.731				
8/15/2016 10:59:45 AM	391500.000	139.380	21.326	317.691	
4513.278	4853.881	2.633	3.301	221.568	
1.000	14.728				
8/15/2016 11:14:45 AM	392400.000	139.371	21.327	317.670	
4514.366	4854.947	2.634	3.301	221.515	
1.000	14.734				
8/15/2016 11:29:45 AM	393300.000	139.369	21.325	317.665	
4515.441	4856.288	2.635	3.302	221.462	
1.000	14.731				

8/15/2016 11:44:45 AM	394200.000	139.373	21.329	317.673
4516.937	4857.501	2.635	3.303	221.389
1.000	14.729			
8/15/2016 11:59:45 AM	395100.000	139.375	21.329	317.679
4517.135	4857.768	2.635	3.303	221.379
1.000	14.726			
8/15/2016 12:14:45 PM	396000.000	139.371	21.328	317.671
4518.241	4859.045	2.636	3.304	221.325
1.000	14.727			
8/15/2016 12:29:45 PM	396900.000	139.360	21.327	317.646
4518.786	4859.675	2.637	3.305	221.298
1.000	14.722			
8/15/2016 12:44:45 PM	397800.000	139.364	21.333	317.654
4518.882	4859.218	2.636	3.304	221.294
1.000	14.717			
8/15/2016 12:59:45 PM	398700.000	139.379	21.332	317.689
4519.234	4859.719	2.637	3.305	221.276
1.000	14.714			
8/15/2016 1:14:45 PM	399600.000	139.360	21.331	317.644
4520.239	4860.904	2.637	3.305	221.227
1.000	14.723			
8/15/2016 1:29:45 PM	400500.000	139.352	21.329	317.625
4520.888	4861.777	2.638	3.306	221.195
1.000	14.720			
8/15/2016 1:44:45 PM	401400.000	139.400	21.330	317.735
4522.020	4862.846	2.638	3.307	221.140
1.000	14.714			
8/15/2016 1:59:45 PM	402300.000	139.344	21.333	317.607
4522.783	4863.438	2.639	3.307	221.103
1.000	14.721			
8/15/2016 2:14:45 PM	403200.000	139.349	21.336	317.620
4524.598	4865.102	2.640	3.308	221.014
1.000	14.716			
8/15/2016 2:29:45 PM	404100.000	139.334	21.337	317.586
4524.890	4865.231	2.640	3.308	221.000
1.000	14.721			
8/15/2016 2:44:45 PM	405000.000	139.330	21.337	317.576
4526.159	4866.614	2.641	3.309	220.938
1.000	14.720			
8/15/2016 2:59:45 PM	405900.000	139.335	21.337	317.587
4526.325	4866.792	2.641	3.309	220.930
1.000	14.714			
8/15/2016 3:14:45 PM	406800.000	139.361	21.334	317.646
4527.153	4867.988	2.641	3.310	220.889
1.000	14.709			
8/15/2016 3:29:45 PM	407700.000	139.313	21.336	317.536
4527.547	4868.202	2.642	3.310	220.870
1.000	14.716			
8/15/2016 3:44:45 PM	408600.000	139.319	21.339	317.550
4528.979	4869.497	2.642	3.311	220.800
1.000	14.707			
8/15/2016 3:59:45 PM	409500.000	139.305	21.337	317.520
4529.543	4870.322	2.643	3.312	220.773
1.000	14.710			
8/15/2016 4:14:45 PM	410400.000	139.304	21.333	317.517
4528.732	4869.836	2.642	3.311	220.812
1.000	14.709			

8/15/2016 4:29:45 PM	411300.000	139.296	21.335	317.499
4528.986	4869.864	2.642	3.312	220.800
1.000	14.707			
8/15/2016 4:44:45 PM	412200.000	139.294	21.334	317.494
4529.621	4870.651	2.643	3.312	220.769
1.000	14.703			
8/15/2016 4:59:45 PM	413100.000	139.332	21.335	317.580
4529.981	4870.960	2.643	3.312	220.751
1.000	14.702			
8/15/2016 5:14:45 PM	414000.000	139.292	21.334	317.490
4529.401	4870.432	2.643	3.312	220.780
1.000	14.706			
8/15/2016 5:29:45 PM	414900.000	139.274	21.335	317.449
4529.601	4870.595	2.643	3.312	220.770
1.000	14.706			
8/15/2016 5:44:45 PM	415800.000	139.278	21.339	317.458
4530.732	4871.365	2.643	3.313	220.715
1.000	14.703			
8/15/2016 5:59:45 PM	416700.000	139.307	21.342	317.524
4530.480	4870.839	2.643	3.312	220.727
1.000	14.705			
8/15/2016 6:14:45 PM	417600.000	139.274	21.340	317.449
4531.029	4871.604	2.643	3.313	220.700
1.000	14.699			
8/15/2016 6:29:45 PM	418500.000	139.267	21.340	317.433
4531.001	4871.504	2.643	3.313	220.702
1.000	14.701			
8/15/2016 6:44:45 PM	419400.000	139.264	21.341	317.426
4531.011	4871.462	2.643	3.313	220.701
1.000	14.702			
8/15/2016 6:59:45 PM	420300.000	139.241	21.336	317.374
4530.425	4871.340	2.643	3.313	220.730
1.000	14.700			
8/15/2016 7:14:45 PM	421200.000	139.269	21.331	317.437
4528.646	4869.937	2.643	3.312	220.817
1.000	14.700			
8/15/2016 7:29:45 PM	422100.000	139.280	21.327	317.463
4526.481	4868.037	2.641	3.310	220.922
1.000	14.698			
8/15/2016 7:44:45 PM	423000.000	139.312	21.326	317.536
4525.678	4867.271	2.641	3.310	220.961
1.000	14.701			
8/15/2016 7:59:45 PM	423900.000	139.311	21.323	317.532
4522.994	4864.682	2.639	3.308	221.092
1.000	14.704			
8/15/2016 8:14:45 PM	424800.000	139.277	21.316	317.456
4518.913	4860.948	2.637	3.305	221.292
1.000	14.703			
8/15/2016 8:29:45 PM	425700.000	139.282	21.316	317.466
4513.808	4855.500	2.634	3.302	221.542
1.000	14.704			
8/15/2016 8:44:45 PM	426600.000	139.243	21.317	317.378
4510.850	4852.135	2.632	3.299	221.688
1.000	14.703			
8/15/2016 8:59:45 PM	427500.000	139.284	21.318	317.471
4508.212	4849.281	2.631	3.298	221.817
1.000	14.705			
8/15/2016 9:14:45 PM	428400.000	139.287	21.317	317.478

4505.664	4846.591	2.629	3.296	221.943
1.000	14.701			
8/15/2016 9:29:45 PM	429300.000	139.283	21.315	317.468
4503.272	4844.264	2.628	3.294	222.061
1.000	14.707			
8/15/2016 9:44:45 PM	430200.000	139.276	21.314	317.453
4499.489	4840.237	2.625	3.291	222.247
1.000	14.713			
8/15/2016 9:59:45 PM	431100.000	139.283	21.315	317.470
4496.500	4836.935	2.623	3.289	222.395
1.000	14.709			
8/15/2016 10:14:45 PM	432000.000	139.282	21.314	317.467
4493.476	4833.759	2.622	3.287	222.545
1.000	14.713			
8/15/2016 10:29:45 PM	432900.000	139.284	21.312	317.472
4490.185	4830.428	2.620	3.285	222.708
1.000	14.709			
8/15/2016 10:44:45 PM	433800.000	139.277	21.314	317.456
4485.338	4825.076	2.617	3.281	222.949
1.000	14.705			
8/15/2016 10:59:45 PM	434700.000	139.294	21.314	317.493
4482.858	4822.364	2.615	3.279	223.072
1.000	14.702			
8/15/2016 11:14:45 PM	435600.000	139.291	21.311	317.487
4480.348	4819.994	2.614	3.278	223.197
1.000	14.700			
8/15/2016 11:29:45 PM	436500.000	139.283	21.309	317.470
4476.965	4816.510	2.612	3.275	223.366
1.000	14.706			
8/15/2016 11:44:45 PM	437400.000	139.301	21.312	317.509
4473.973	4813.032	2.610	3.273	223.515
1.000	14.701			
8/15/2016 11:59:45 PM	438300.000	139.285	21.312	317.473
4471.768	4810.616	2.608	3.271	223.625
1.000	14.705			
8/16/2016 12:14:45 AM	439200.000	139.286	21.314	317.477
4470.240	4808.755	2.607	3.270	223.702
1.000	14.705			
8/16/2016 12:29:45 AM	440100.000	139.288	21.312	317.481
4468.965	4807.592	2.607	3.269	223.765
1.000	14.705			
8/16/2016 12:44:45 AM	441000.000	139.287	21.308	317.478
4467.727	4806.667	2.606	3.269	223.827
1.000	14.704			
8/16/2016 12:59:45 AM	441900.000	139.304	21.307	317.516
4466.531	4805.450	2.605	3.268	223.887
1.000	14.703			
8/16/2016 1:14:45 AM	442800.000	139.299	21.306	317.505
4465.252	4804.177	2.605	3.267	223.952
1.000	14.699			
8/16/2016 1:29:45 AM	443700.000	139.303	21.305	317.514
4463.432	4802.367	2.603	3.266	224.043
1.000	14.699			
8/16/2016 1:44:45 AM	444600.000	139.259	21.307	317.414
4462.131	4800.742	2.603	3.265	224.108
1.000	14.699			
8/16/2016 1:59:45 AM	445500.000	139.307	21.311	317.525

4460.909	4799.080	2.602	3.263	224.170
1.000	14.695			
8/16/2016 2:14:45 AM	446400.000	139.301	21.311	317.511
4460.320	4798.387	2.601	3.263	224.199
1.000	14.695			
8/16/2016 2:29:45 AM	447300.000	139.309	21.311	317.529
4459.782	4797.825	2.601	3.263	224.226
1.000	14.693			
8/16/2016 2:44:45 AM	448200.000	139.273	21.309	317.446
4459.071	4797.233	2.601	3.262	224.262
1.000	14.693			
8/16/2016 2:59:45 AM	449100.000	139.303	21.309	317.514
4457.908	4796.016	2.600	3.261	224.320
1.000	14.694			
8/16/2016 3:14:45 AM	450000.000	139.293	21.316	317.491
4457.898	4795.280	2.599	3.261	224.321
1.000	14.694			
8/16/2016 3:29:45 AM	450900.000	139.301	21.320	317.510
4458.300	4795.393	2.599	3.261	224.301
1.000	14.692			
8/16/2016 3:44:45 AM	451800.000	139.305	21.321	317.518
4458.592	4795.526	2.600	3.261	224.286
1.000	14.687			
8/16/2016 3:59:45 AM	452700.000	139.293	21.323	317.491
4457.918	4794.672	2.599	3.260	224.320
1.000	14.693			
8/16/2016 4:14:45 AM	453600.000	139.275	21.317	317.450
4456.755	4794.017	2.599	3.260	224.379
1.000	14.685			
8/16/2016 4:29:45 AM	454500.000	139.305	21.315	317.520
4456.627	4794.034	2.599	3.260	224.385
1.000	14.694			
8/16/2016 4:44:45 AM	455400.000	139.296	21.319	317.499
4457.250	4794.333	2.599	3.260	224.354
1.000	14.689			
8/16/2016 4:59:45 AM	456300.000	139.303	21.323	317.514
4457.546	4794.220	2.599	3.260	224.339
1.000	14.688			
8/16/2016 5:14:45 AM	457200.000	139.315	21.326	317.543
4459.870	4796.443	2.600	3.262	224.222
1.000	14.681			
8/16/2016 5:29:45 AM	458100.000	139.301	21.328	317.511
4461.073	4797.564	2.601	3.262	224.161
1.000	14.688			
8/16/2016 5:44:45 AM	459000.000	139.301	21.329	317.509
4461.765	4798.195	2.601	3.263	224.127
1.000	14.693			
8/16/2016 5:59:45 AM	459900.000	139.295	21.330	317.496
4462.594	4798.976	2.602	3.263	224.085
1.000	14.694			
8/16/2016 6:14:45 AM	460800.000	139.334	21.330	317.586
4462.925	4799.349	2.602	3.264	224.068
1.000	14.692			
8/16/2016 6:29:45 AM	461700.000	139.301	21.330	317.509
4462.974	4799.409	2.602	3.264	224.066
1.000	14.697			
8/16/2016 6:44:45 AM	462600.000	139.307	21.332	317.523
4464.372	4800.670	2.603	3.264	223.996

1.000	14.697			
8/16/2016 6:59:45 AM	463500.000	139.300	21.332	317.507
4464.925	4801.266	2.603	3.265	223.968
1.000	14.700			
8/16/2016 7:14:45 AM	464400.000	139.293	21.329	317.491
4465.788	4802.488	2.604	3.266	223.925
1.000	14.701			
8/16/2016 7:29:45 AM	465300.000	139.298	21.332	317.503
4466.998	4803.521	2.604	3.266	223.864
1.000	14.702			
8/16/2016 7:44:45 AM	466200.000	139.310	21.334	317.530
4467.934	4804.336	2.605	3.267	223.817
1.000	14.703			
8/16/2016 7:59:45 AM	467100.000	139.303	21.335	317.516
4469.139	4805.513	2.605	3.268	223.757
1.000	14.701			
8/16/2016 8:14:45 AM	468000.000	139.303	21.332	317.514
4469.366	4806.051	2.606	3.268	223.745
1.000	14.703			
8/16/2016 8:29:45 AM	468900.000	139.306	21.332	317.521
4470.531	4807.372	2.606	3.269	223.687
1.000	14.704			
8/16/2016 8:44:45 AM	469800.000	139.306	21.334	317.521
4470.808	4807.418	2.606	3.269	223.673
1.000	14.704			
8/16/2016 8:59:45 AM	470700.000	139.308	21.333	317.526
4471.594	4808.351	2.607	3.270	223.634
1.000	14.705			
8/16/2016 9:14:45 AM	471600.000	139.321	21.334	317.555
4472.332	4809.093	2.607	3.270	223.597
1.000	14.702			
8/16/2016 9:29:45 AM	472500.000	139.294	21.336	317.495
4473.288	4809.904	2.608	3.271	223.549
1.000	14.713			
8/16/2016 9:44:45 AM	473400.000	139.306	21.335	317.520
4473.868	4810.641	2.608	3.271	223.520
1.000	14.699			
8/16/2016 9:59:45 AM	474300.000	139.314	21.333	317.541
4473.834	4810.760	2.608	3.271	223.522
1.000	14.698			
8/16/2016 10:14:45 AM	475200.000	139.310	21.333	317.531
4474.688	4811.721	2.609	3.272	223.479
1.000	14.702			
8/16/2016 10:29:45 AM	476100.000	139.305	21.330	317.520
4475.707	4813.112	2.610	3.273	223.428
1.000	14.703			
8/16/2016 10:44:45 AM	477000.000	139.299	21.332	317.505
4476.322	4813.521	2.610	3.273	223.398
1.000	14.701			
8/16/2016 10:59:45 AM	477900.000	139.294	21.331	317.495
4477.190	4814.576	2.611	3.274	223.354
1.000	14.706			
8/16/2016 11:14:45 AM	478800.000	139.332	21.333	317.581
4478.354	4815.630	2.611	3.275	223.296
1.000	14.709			
8/16/2016 11:29:45 AM	479700.000	139.306	21.335	317.522
4478.688	4815.771	2.611	3.275	223.280

1.000	14.697			
8/16/2016 11:44:45 AM	480600.000	139.339	21.334	317.597
4479.716	4816.997	2.612	3.276	223.228
1.000	14.703			
8/16/2016 11:59:45 AM	481500.000	139.286	21.333	317.477
4480.714	4818.132	2.613	3.276	223.179
1.000	14.707			
8/16/2016 12:14:45 PM	482400.000	139.288	21.335	317.481
4481.208	4818.523	2.613	3.277	223.154
1.000	14.705			
8/16/2016 12:29:45 PM	483300.000	139.291	21.332	317.487
4482.004	4819.709	2.614	3.277	223.114
1.000	14.708			
8/16/2016 12:44:45 PM	484200.000	139.320	21.334	317.554
4482.506	4819.989	2.614	3.278	223.089
1.000	14.701			
8/16/2016 12:59:45 PM	485100.000	139.279	21.334	317.460
4482.882	4820.438	2.614	3.278	223.071
1.000	14.709			
8/16/2016 1:14:45 PM	486000.000	139.267	21.336	317.431
4483.954	4821.338	2.614	3.279	223.017
1.000	14.708			
8/16/2016 1:29:45 PM	486900.000	139.264	21.337	317.425
4485.069	4822.424	2.615	3.279	222.962
1.000	14.704			
8/16/2016 1:44:45 PM	487800.000	139.250	21.335	317.393
4485.253	4822.831	2.615	3.280	222.953
1.000	14.708			
8/16/2016 1:59:45 PM	488700.000	139.303	21.333	317.514
4486.202	4824.033	2.616	3.280	222.906
1.000	14.703			
8/16/2016 2:14:45 PM	489600.000	139.283	21.337	317.469
4487.771	4825.398	2.617	3.281	222.828
1.000	14.708			
8/16/2016 2:29:45 PM	490500.000	139.256	21.335	317.406
4487.870	4825.696	2.617	3.281	222.823
1.000	14.699			
8/16/2016 2:44:45 PM	491400.000	139.252	21.337	317.398
4488.861	4826.493	2.617	3.282	222.774
1.000	14.697			
8/16/2016 2:59:45 PM	492300.000	139.249	21.336	317.391
4489.325	4827.130	2.618	3.282	222.751
1.000	14.696			
8/16/2016 3:14:45 PM	493200.000	139.244	21.333	317.381
4489.883	4828.027	2.618	3.283	222.723
1.000	14.693			
8/16/2016 3:29:45 PM	494100.000	139.242	21.334	317.374
4489.588	4827.657	2.618	3.283	222.738
1.000	14.693			
8/16/2016 3:44:45 PM	495000.000	139.264	21.334	317.426
4490.796	4828.912	2.619	3.284	222.678
1.000	14.693			
8/16/2016 3:59:45 PM	495900.000	139.223	21.334	317.332
4491.103	4829.207	2.619	3.284	222.662
1.000	14.690			
8/16/2016 4:14:45 PM	496800.000	139.224	21.333	317.334
4490.825	4829.065	2.619	3.284	222.676
1.000	14.691			

8/16/2016 4:29:45 PM	497700.000	139.215	21.335	317.315
4491.533	4829.653	2.619	3.284	222.641
1.000	14.690			
8/16/2016 4:44:45 PM	498600.000	139.216	21.336	317.317
4491.650	4829.604	2.619	3.284	222.635
1.000	14.687			
8/16/2016 4:59:45 PM	499500.000	139.201	21.337	317.281
4491.630	4829.496	2.619	3.284	222.636
1.000	14.690			
8/16/2016 5:14:45 PM	500400.000	139.200	21.342	317.280
4491.835	4829.195	2.619	3.284	222.626
1.000	14.689			
8/16/2016 5:29:45 PM	501300.000	139.195	21.344	317.267
4492.371	4829.589	2.619	3.284	222.600
1.000	14.685			
8/16/2016 5:44:45 PM	502200.000	139.198	21.345	317.275
4491.807	4828.947	2.619	3.284	222.628
1.000	14.681			
8/16/2016 5:59:45 PM	503100.000	139.186	21.343	317.248
4492.123	4829.409	2.619	3.284	222.612
1.000	14.684			
8/16/2016 6:14:45 PM	504000.000	139.217	21.345	317.318
4492.137	4829.284	2.619	3.284	222.611
1.000	14.680			
8/16/2016 6:29:45 PM	504900.000	139.186	21.342	317.247
4492.331	4829.762	2.619	3.284	222.602
1.000	14.677			
8/16/2016 6:44:45 PM	505800.000	139.181	21.340	317.236
4492.026	4829.601	2.619	3.284	222.617
1.000	14.679			
8/16/2016 6:59:45 PM	506700.000	139.182	21.343	317.238
4492.549	4829.885	2.619	3.284	222.591
1.000	14.679			
8/16/2016 7:14:45 PM	507600.000	139.168	21.342	317.207
4491.872	4829.330	2.619	3.284	222.624
1.000	14.681			
8/16/2016 7:29:45 PM	508500.000	139.169	21.339	317.208
4491.864	4829.583	2.619	3.284	222.625
1.000	14.685			
8/16/2016 7:44:45 PM	509400.000	139.169	21.330	317.209
4491.748	4830.292	2.620	3.285	222.630
1.000	14.682			
8/16/2016 7:59:45 PM	510300.000	139.182	21.322	317.238
4488.970	4828.139	2.618	3.283	222.768
1.000	14.682			
8/16/2016 8:14:45 PM	511200.000	139.186	21.323	317.248
4486.899	4825.781	2.617	3.282	222.871
1.000	14.679			
8/16/2016 8:29:45 PM	512100.000	139.215	21.324	317.314
4486.805	4825.662	2.617	3.281	222.876
1.000	14.685			
8/16/2016 8:44:45 PM	513000.000	139.172	21.324	317.217
4485.566	4824.313	2.616	3.281	222.937
1.000	14.690			
8/16/2016 8:59:45 PM	513900.000	139.177	21.316	317.226
4483.637	4823.046	2.615	3.280	223.033
1.000	14.690			

8/16/2016 9:14:45 PM	514800.000	139.180	21.314	317.233
4479.112	4818.352	2.613	3.276	223.259
1.000	14.691			
8/16/2016 9:29:45 PM	515700.000	139.180	21.316	317.234
4475.459	4814.240	2.610	3.274	223.441
1.000	14.695			
8/16/2016 9:44:45 PM	516600.000	139.150	21.318	317.165
4473.021	4811.375	2.609	3.272	223.563
1.000	14.690			
8/16/2016 9:59:45 PM	517500.000	139.177	21.318	317.227
4471.888	4810.121	2.608	3.271	223.619
1.000	14.695			
8/16/2016 10:14:45 PM	518400.000	139.143	21.315	317.150
4470.376	4808.851	2.607	3.270	223.695
1.000	14.696			
8/16/2016 10:29:45 PM	519300.000	139.152	21.314	317.171
4468.517	4806.937	2.606	3.269	223.788
1.000	14.689			
8/16/2016 10:44:45 PM	520200.000	139.189	21.314	317.255
4466.064	4804.298	2.605	3.267	223.911
1.000	14.689			
8/16/2016 10:59:45 PM	521100.000	139.185	21.315	317.245
4463.982	4801.973	2.603	3.265	224.015
1.000	14.686			
8/16/2016 11:14:45 PM	522000.000	139.182	21.312	317.239
4461.316	4799.346	2.602	3.264	224.149
1.000	14.688			
8/16/2016 11:29:45 PM	522900.000	139.184	21.314	317.243
4459.910	4797.695	2.601	3.262	224.220
1.000	14.685			
8/16/2016 11:44:45 PM	523800.000	139.184	21.316	317.244
4458.393	4795.882	2.600	3.261	224.296
1.000	14.686			
8/16/2016 11:59:45 PM	524700.000	139.185	21.311	317.246
4457.113	4794.920	2.599	3.261	224.360
1.000	14.687			
8/17/2016 12:14:45 AM	525600.000	139.184	21.308	317.243
4455.143	4793.145	2.598	3.259	224.460
1.000	14.688			
8/17/2016 12:29:45 AM	526500.000	139.180	21.307	317.235
4452.631	4790.512	2.597	3.258	224.586
1.000	14.686			
8/17/2016 12:44:45 AM	527400.000	139.188	21.308	317.252
4450.474	4788.104	2.595	3.256	224.695
1.000	14.687			
8/17/2016 12:59:45 AM	528300.000	139.191	21.308	317.260
4448.661	4786.137	2.594	3.255	224.787
1.000	14.685			
8/17/2016 1:14:45 AM	529200.000	139.177	21.308	317.227
4447.161	4784.514	2.593	3.253	224.863
1.000	14.685			
8/17/2016 1:29:45 AM	530100.000	139.184	21.309	317.244
4446.174	4783.384	2.593	3.253	224.912
1.000	14.683			
8/17/2016 1:44:45 AM	531000.000	139.182	21.311	317.239
4445.317	4782.280	2.592	3.252	224.956
1.000	14.678			
8/17/2016 1:59:45 AM	531900.000	139.223	21.312	317.332

4444.372	4781.170	2.591	3.251	225.004
1.000	14.678			
8/17/2016 2:14:45 AM	532800.000	139.185	21.311	317.245
4444.242	4781.124	2.591	3.251	225.010
1.000	14.671			
8/17/2016 2:29:45 AM	533700.000	139.180	21.312	317.235
4443.401	4780.099	2.591	3.250	225.053
1.000	14.677			
8/17/2016 2:44:45 AM	534600.000	139.149	21.311	317.165
4442.777	4779.547	2.590	3.250	225.084
1.000	14.669			
8/17/2016 2:59:45 AM	535500.000	139.179	21.313	317.232
4442.604	4779.199	2.590	3.250	225.093
1.000	14.675			
8/17/2016 3:14:45 AM	536400.000	139.178	21.314	317.229
4442.405	4778.856	2.590	3.250	225.103
1.000	14.670			
8/17/2016 3:29:45 AM	537300.000	139.170	21.315	317.211
4441.658	4777.932	2.589	3.249	225.141
1.000	14.671			
8/17/2016 3:44:45 AM	538200.000	139.170	21.316	317.211
4441.469	4777.685	2.589	3.249	225.151
1.000	14.669			
8/17/2016 3:59:45 AM	539100.000	139.176	21.316	317.225
4441.538	4777.691	2.589	3.249	225.147
1.000	14.664			
8/17/2016 4:14:45 AM	540000.000	139.165	21.315	317.199
4440.845	4777.100	2.589	3.248	225.182
1.000	14.669			
8/17/2016 4:29:45 AM	540900.000	139.170	21.315	317.212
4440.845	4777.049	2.589	3.248	225.182
1.000	14.672			
8/17/2016 4:44:45 AM	541800.000	139.180	21.314	317.233
4440.038	4776.292	2.588	3.248	225.223
1.000	14.663			
8/17/2016 4:59:45 AM	542700.000	139.130	21.323	317.119
4440.862	4776.337	2.589	3.248	225.181
1.000	14.668			
8/17/2016 5:14:45 AM	543600.000	139.165	21.322	317.199
4440.956	4776.549	2.589	3.248	225.177
1.000	14.664			
8/17/2016 5:29:45 AM	544500.000	139.161	21.323	317.191
4441.660	4777.125	2.589	3.248	225.141
1.000	14.669			
8/17/2016 5:44:45 AM	545400.000	139.175	21.316	317.223
4441.131	4777.261	2.589	3.249	225.168
1.000	14.664			
8/17/2016 5:59:45 AM	546300.000	139.160	21.324	317.188
4442.561	4778.077	2.590	3.249	225.095
1.000	14.663			
8/17/2016 6:14:45 AM	547200.000	139.196	21.330	317.271
4444.421	4779.433	2.590	3.250	225.001
1.000	14.668			
8/17/2016 6:29:45 AM	548100.000	139.161	21.332	317.191
4445.488	4780.408	2.591	3.251	224.947
1.000	14.671			
8/17/2016 6:44:45 AM	549000.000	139.160	21.334	317.188

4446.426	4781.227	2.591	3.251	224.900
1.000	14.672			
8/17/2016 6:59:45 AM	549900.000	139.194	21.333	317.267
4447.544	4782.525	2.592	3.252	224.843
1.000	14.675			
8/17/2016 7:14:45 AM	550800.000	139.158	21.332	317.185
4448.285	4783.355	2.593	3.253	224.806
1.000	14.674			
8/17/2016 7:29:45 AM	551700.000	139.146	21.333	317.156
4449.381	4784.518	2.593	3.253	224.750
1.000	14.683			
8/17/2016 7:44:45 AM	552600.000	139.155	21.337	317.178
4450.352	4785.163	2.594	3.254	224.701
1.000	14.681			
8/17/2016 7:59:45 AM	553500.000	139.147	21.333	317.158
4450.257	4785.467	2.594	3.254	224.706
1.000	14.681			
8/17/2016 8:14:45 AM	554400.000	139.147	21.335	317.158
4451.427	4786.441	2.594	3.255	224.647
1.000	14.686			
8/17/2016 8:29:45 AM	555300.000	139.135	21.338	317.132
4452.562	4787.454	2.595	3.255	224.590
1.000	14.686			
8/17/2016 8:44:45 AM	556200.000	139.139	21.337	317.140
4452.528	4787.478	2.595	3.255	224.591
1.000	14.684			
8/17/2016 8:59:45 AM	557100.000	139.138	21.340	317.138
4453.428	4788.153	2.595	3.256	224.546
1.000	14.686			
8/17/2016 9:14:45 AM	558000.000	139.133	21.338	317.127
4454.270	4789.214	2.596	3.257	224.504
1.000	14.681			
8/17/2016 9:29:45 AM	558900.000	139.133	21.341	317.126
4454.638	4789.385	2.596	3.257	224.485
1.000	14.684			
8/17/2016 9:44:45 AM	559800.000	139.142	21.340	317.147
4455.467	4790.336	2.597	3.257	224.443
1.000	14.686			
8/17/2016 9:59:45 AM	560700.000	139.170	21.339	317.212
4456.465	4791.522	2.597	3.258	224.393
1.000	14.684			
8/17/2016 10:14:45 AM	561600.000	139.122	21.336	317.102
4456.587	4791.903	2.597	3.258	224.387
1.000	14.684			
8/17/2016 10:29:45 AM	562500.000	139.162	21.340	317.194
4457.441	4792.433	2.598	3.259	224.344
1.000	14.687			
8/17/2016 10:44:45 AM	563400.000	139.129	21.336	317.118
4457.728	4793.155	2.598	3.259	224.330
1.000	14.684			
8/17/2016 10:59:45 AM	564300.000	139.111	21.336	317.077
4458.113	4793.579	2.598	3.260	224.310
1.000	14.685			
8/17/2016 11:14:45 AM	565200.000	139.144	21.338	317.153
4459.430	4794.813	2.599	3.260	224.244
1.000	14.682			
8/17/2016 11:29:45 AM	566100.000	139.139	21.339	317.140
4460.038	4795.389	2.600	3.261	224.213

1.000	14.683				
8/17/2016 11:44:45 AM	567000.000	139.140	21.336	317.144	
4460.593	4796.220	2.600	3.261	224.185	
1.000	14.680				
8/17/2016 11:59:45 AM	567900.000	139.102	21.338	317.057	
4461.479	4797.016	2.600	3.262	224.141	
1.000	14.677				
8/17/2016 12:14:45 PM	568800.000	139.094	21.340	317.039	
4460.414	4795.629	2.600	3.261	224.194	
1.000	14.679				
8/17/2016 12:29:45 PM	569700.000	139.076	21.340	316.996	
4461.759	4797.111	2.601	3.262	224.127	
1.000	14.692				
8/17/2016 12:44:45 PM	570600.000	139.080	21.339	317.007	
4462.047	4797.549	2.601	3.262	224.112	
1.000	14.683				
8/17/2016 12:59:45 PM	571500.000	139.072	21.340	316.988	
4462.957	4798.398	2.601	3.263	224.067	
1.000	14.676				
8/17/2016 1:14:45 PM	572400.000	139.070	21.340	316.984	
4463.425	4798.850	2.602	3.263	224.043	
1.000	14.679				
8/17/2016 1:29:45 PM	573300.000	139.075	21.341	316.994	
4463.486	4798.907	2.602	3.263	224.040	
1.000	14.669				
8/17/2016 1:44:45 PM	574200.000	139.061	21.341	316.963	
4463.751	4799.123	2.602	3.263	224.027	
1.000	14.673				
8/17/2016 1:59:45 PM	575100.000	139.059	21.342	316.958	
4464.546	4799.908	2.602	3.264	223.987	
1.000	14.668				
8/17/2016 2:14:45 PM	576000.000	139.047	21.343	316.932	
4465.368	4800.697	2.603	3.264	223.946	
1.000	14.675				
8/17/2016 2:29:45 PM	576900.000	139.036	21.342	316.906	
4464.200	4799.518	2.602	3.264	224.004	
1.000	14.680				
8/17/2016 2:44:45 PM	577800.000	139.025	21.342	316.881	
4465.128	4800.568	2.602	3.264	223.958	
1.000	14.674				
8/17/2016 2:59:45 PM	578700.000	139.028	21.344	316.887	
4465.473	4800.723	2.603	3.264	223.940	
1.000	14.671				
8/17/2016 3:14:45 PM	579600.000	139.028	21.342	316.888	
4464.985	4800.329	2.602	3.264	223.965	
1.000	14.671				
8/17/2016 3:29:45 PM	580500.000	139.024	21.343	316.878	
4465.329	4800.689	2.603	3.264	223.948	
1.000	14.668				
8/17/2016 3:44:45 PM	581400.000	139.004	21.344	316.834	
4465.920	4801.160	2.603	3.265	223.918	
1.000	14.669				
8/17/2016 3:59:45 PM	582300.000	139.010	21.341	316.848	
4465.805	4801.366	2.603	3.265	223.924	
1.000	14.668				
8/17/2016 4:14:45 PM	583200.000	139.018	21.339	316.864	
4465.746	4801.501	2.603	3.265	223.927	

1.000	14.659			
8/17/2016 4:29:45 PM	584100.000	138.995	21.338	316.813
4465.019	4800.832	2.603	3.265	223.963
1.000	14.662			
8/17/2016 4:44:45 PM	585000.000	138.985	21.341	316.789
4465.097	4800.579	2.603	3.264	223.959
1.000	14.660			
8/17/2016 4:59:45 PM	585900.000	138.979	21.342	316.775
4465.621	4801.073	2.603	3.265	223.933
1.000	14.661			
8/17/2016 5:14:45 PM	586800.000	138.973	21.338	316.763
4464.654	4800.423	2.602	3.264	223.982
1.000	14.657			
8/17/2016 5:29:45 PM	587700.000	138.978	21.323	316.774
4463.574	4800.694	2.603	3.264	224.036
1.000	14.660			
8/17/2016 5:44:45 PM	588600.000	138.966	21.321	316.746
4461.941	4799.163	2.602	3.263	224.118
1.000	14.661			
8/17/2016 5:59:45 PM	589500.000	138.967	21.321	316.748
4460.530	4797.620	2.601	3.262	224.189
1.000	14.657			
8/17/2016 6:14:45 PM	590400.000	138.961	21.322	316.736
4459.250	4796.166	2.600	3.261	224.253
1.000	14.653			
8/17/2016 6:29:45 PM	591300.000	138.952	21.314	316.714
4457.162	4794.722	2.599	3.260	224.358
1.000	14.655			
8/17/2016 6:44:45 PM	592200.000	138.943	21.312	316.695
4451.486	4788.814	2.596	3.256	224.644
1.000	14.659			
8/17/2016 6:59:45 PM	593100.000	138.941	21.313	316.689
4447.899	4784.870	2.593	3.254	224.825
1.000	14.656			
8/17/2016 7:14:45 PM	594000.000	138.930	21.315	316.664
4443.997	4780.475	2.591	3.251	225.023
1.000	14.651			
8/17/2016 7:29:45 PM	594900.000	138.918	21.310	316.637
4442.561	4779.454	2.590	3.250	225.095
1.000	14.654			
8/17/2016 7:44:45 PM	595800.000	138.916	21.307	316.632
4438.764	4775.584	2.588	3.247	225.288
1.000	14.654			
8/17/2016 7:59:45 PM	596700.000	138.902	21.309	316.600
4435.627	4772.037	2.586	3.245	225.447
1.000	14.657			
8/17/2016 8:14:45 PM	597600.000	138.900	21.312	316.597
4434.007	4770.011	2.585	3.244	225.530
1.000	14.659			
8/17/2016 8:29:45 PM	598500.000	138.846	21.314	316.473
4432.247	4767.902	2.584	3.242	225.619
1.000	14.664			
8/17/2016 8:44:45 PM	599400.000	138.847	21.316	316.474
4432.179	4767.606	2.583	3.242	225.623
1.000	14.665			
8/17/2016 8:59:45 PM	600300.000	138.873	21.313	316.535
4431.035	4766.745	2.583	3.241	225.681
1.000	14.667			

8/17/2016 9:14:45 PM	601200.000	138.878	21.309	316.546
4429.994	4765.952	2.583	3.241	225.734
1.000	14.663			
8/17/2016 9:29:45 PM	602100.000	138.858	21.311	316.501
4427.724	4763.396	2.581	3.239	225.850
1.000	14.667			
8/17/2016 9:44:45 PM	603000.000	138.864	21.313	316.513
4426.224	4761.510	2.580	3.238	225.926
1.000	14.668			
8/17/2016 9:59:45 PM	603900.000	138.849	21.314	316.479
4425.921	4761.140	2.580	3.238	225.942
1.000	14.668			
8/17/2016 10:14:45 PM	604800.000	138.855	21.310	316.494
4423.737	4759.168	2.579	3.236	226.053
1.000	14.659			
8/17/2016 10:29:45 PM	605700.000	138.850	21.310	316.481
4421.822	4757.057	2.577	3.235	226.151
1.000	14.662			
8/17/2016 10:44:45 PM	606600.000	138.843	21.312	316.466
4419.022	4753.899	2.576	3.233	226.294
1.000	14.669			
8/17/2016 10:59:45 PM	607500.000	138.802	21.311	316.373
4417.272	4752.093	2.575	3.231	226.384
1.000	14.665			
8/17/2016 11:14:45 PM	608400.000	138.835	21.310	316.449
4415.183	4749.983	2.573	3.230	226.491
1.000	14.666			
8/17/2016 11:29:45 PM	609300.000	138.796	21.311	316.359
4412.548	4747.063	2.572	3.228	226.626
1.000	14.664			
8/17/2016 11:44:45 PM	610200.000	138.824	21.310	316.423
4410.226	4744.642	2.570	3.226	226.746
1.000	14.668			
8/17/2016 11:59:45 PM	611100.000	138.824	21.309	316.423
4407.210	4741.490	2.568	3.224	226.901
1.000	14.666			

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	TEMPERATURE	CONDUCTIVITY
8/11/2016	0:00:00	0	84.543	16.7	1199.8
8/11/2016	0:15:00	0	84.619	16.7	1199.8
8/11/2016	0:30:00	0	84.581	16.7	1198.6
8/11/2016	0:45:00	0	84.6	16.7	1199.8
8/11/2016	1:00:00	0	84.579	16.7	1198.6
8/11/2016	1:15:00	0	84.557	16.7	1198.6
8/11/2016	1:30:00	0	84.578	16.7	1199.8
8/11/2016	1:45:00	0	84.6	16.7	1199.8
8/11/2016	2:00:00	0	84.578	16.7	1201
8/11/2016	2:15:00	0	84.557	16.7	1199.8
8/11/2016	2:30:00	0	84.577	16.7	1202.1
8/11/2016	2:45:00	0	84.576	16.7	1198.6
8/11/2016	3:00:00	0	84.554	16.7	1199.8
8/11/2016	3:15:00	0	84.577	16.7	1199.8
8/11/2016	3:30:00	0	84.558	16.7	1197.5
8/11/2016	3:45:00	0	84.542	16.7	1199.8
8/11/2016	4:00:00	0	84.562	16.7	1199.8
8/11/2016	4:15:00	0	84.561	16.7	1199.8
8/11/2016	4:30:00	0	84.583	16.7	1201
8/11/2016	4:45:00	0	84.562	16.7	1199.8
8/11/2016	5:00:00	0	84.561	16.7	1198.6
8/11/2016	5:15:00	0	84.56	16.7	1199.8
8/11/2016	5:30:00	0	84.577	16.7	1198.6
8/11/2016	5:45:00	0	84.593	16.7	1199.8
8/11/2016	6:00:00	0	84.585	16.7	1199.8
8/11/2016	6:15:00	0	84.598	16.7	1199.8
8/11/2016	6:30:00	0	84.592	16.7	1199.8
8/11/2016	6:45:00	0	84.527	16.7	1198.6
8/11/2016	7:00:00	0	84.517	16.7	1198.6
8/11/2016	7:15:00	0	84.59	16.7	1199.8
8/11/2016	7:30:00	0	84.545	16.7	1199.8

8/11/2016	7:45:00	0	84.538	16.7	1199.8
8/11/2016	8:00:00	0	84.532	16.7	1198.6
8/11/2016	8:15:00	0	84.47	16.7	1199.8
8/11/2016	8:30:00	0	84.488	16.7	1201
8/11/2016	8:45:00	0	84.521	16.7	1199.8
8/11/2016	9:00:00	0	84.477	16.7	1199.8
8/11/2016	9:15:00	0	84.493	16.7	1199.8
8/11/2016	9:30:00	0	84.508	16.7	1199.8
8/11/2016	9:45:00	0	84.505	16.7	1201
8/11/2016	10:00:00	0	84.521	16.7	1199.8
8/11/2016	10:15:00	0	84.477	16.7	1199.8
8/11/2016	10:30:00	0	84.479	16.7	1199.8
8/11/2016	10:45:00	0	84.475	16.7	1199.8
8/11/2016	11:00:00	0	84.457	16.7	1198.6
8/11/2016	11:15:00	0	84.476	16.7	1199.8
8/11/2016	11:30:00	0	84.472	16.7	1199.8
8/11/2016	11:45:00	0	84.452	16.7	1201
8/11/2016	12:00:00	0	84.452	16.7	1199.8
8/11/2016	12:15:00	0	84.45	16.7	1197.5
8/11/2016	12:30:00	0	84.452	16.7	1197.5
8/11/2016	12:45:00	0	84.45	16.7	1197.5
8/11/2016	13:00:00	0	84.475	16.7	1197.5
8/11/2016	13:15:00	0	84.475	16.7	1197.5
8/11/2016	13:30:00	0	84.436	16.7	1197.5
8/11/2016	13:45:00	0	84.477	16.7	1197.5
8/11/2016	14:00:00	0	84.457	16.7	1197.5
8/11/2016	14:15:00	0	84.478	16.7	1198.6
8/11/2016	14:30:00	0	84.442	16.7	1197.5
8/11/2016	14:45:00	0	84.441	16.7	1197.5
8/11/2016	15:00:00	0	84.459	16.7	1197.5
8/11/2016	15:15:00	0	84.425	16.7	1197.5
8/11/2016	15:30:00	0	84.465	16.7	1196.3
8/11/2016	15:45:00	0	84.427	16.7	1198.6
8/11/2016	16:00:00	0	84.433	16.7	1197.5
8/11/2016	16:15:00	0	84.436	16.7	1198.6
8/11/2016	16:30:00	0	84.421	16.7	1197.5
8/11/2016	16:45:00	0	84.446	16.7	1197.5
8/11/2016	17:00:00	0	84.45	16.7	1197.5
8/11/2016	17:15:00	0	84.448	16.7	1197.5
8/11/2016	17:30:00	0	84.43	16.7	1197.5
8/11/2016	17:45:00	0	84.453	16.7	1197.5
8/11/2016	18:00:00	0	84.456	16.7	1197.5
8/11/2016	18:15:00	0	84.435	16.7	1199.8
8/11/2016	18:30:00	0	84.438	16.7	1198.6
8/11/2016	18:45:00	0	84.48	16.7	1197.5
8/11/2016	19:00:00	0	84.461	16.7	1196.3
8/11/2016	19:15:00	0	84.482	16.7	1197.5

8/11/2016	19:30:00	0	84.479	16.7	1198.6
8/11/2016	19:45:00	0	84.459	16.7	1198.6
8/11/2016	20:00:00	0	84.476	16.7	1197.5
8/11/2016	20:15:00	0	84.478	16.7	1198.6
8/11/2016	20:30:00	0	84.433	16.7	1198.6
8/11/2016	20:45:00	0	84.47	16.7	1197.5
8/11/2016	21:00:00	0	84.467	16.7	1198.6
8/11/2016	21:15:00	0	84.444	16.7	1198.6
8/11/2016	21:30:00	0	84.479	16.7	1197.5
8/11/2016	21:45:00	0	84.459	16.7	1197.5
8/11/2016	22:00:00	0	84.498	16.7	1197.5
8/11/2016	22:15:00	0	84.498	16.7	1197.5
8/11/2016	22:30:00	0	84.5	16.7	1199.8
8/11/2016	22:45:00	0	84.502	16.7	1197.5
8/11/2016	23:00:00	0	84.505	16.7	1198.6
8/11/2016	23:15:00	0	84.521	16.7	1199.8
8/11/2016	23:30:00	0	84.52	16.7	1198.6
8/11/2016	23:45:00	0	84.536	16.7	1199.8
8/12/2016	0:00:00	0	84.478	16.7	1199.8
8/12/2016	0:15:00	0	84.501	16.7	1197.5
8/12/2016	0:30:00	0	84.501	16.7	1197.5
8/12/2016	0:45:00	0	84.482	16.7	1198.6
8/12/2016	1:00:00	0	84.5	16.7	1198.6
8/12/2016	1:15:00	0	84.502	16.7	1199.8
8/12/2016	1:30:00	0	84.502	16.7	1199.8
8/12/2016	1:45:00	0	84.521	16.7	1198.6
8/12/2016	2:00:00	0	84.486	16.7	1198.6
8/12/2016	2:15:00	0	84.509	16.7	1198.6
8/12/2016	2:30:00	0	84.51	16.7	1197.5
8/12/2016	2:45:00	0	84.532	16.7	1197.5
8/12/2016	3:00:00	0	84.532	16.7	1197.5
8/12/2016	3:15:00	0	84.514	16.7	1198.6
8/12/2016	3:30:00	0	84.496	16.7	1198.6
8/12/2016	3:45:00	0	84.496	16.7	1198.6
8/12/2016	4:00:00	0	84.538	16.7	1197.5
8/12/2016	4:15:00	0	84.539	16.7	1197.5
8/12/2016	4:30:00	0	84.519	16.7	1198.6
8/12/2016	4:45:00	0	84.536	16.7	1198.6
8/12/2016	5:00:00	0	84.536	16.7	1197.5
8/12/2016	5:15:00	0	84.511	16.7	1198.6
8/12/2016	5:30:00	0	84.506	16.7	1198.6
8/12/2016	5:45:00	0	84.503	16.7	1198.6
8/12/2016	6:00:00	0	84.537	16.7	1199.8
8/12/2016	6:15:00	0	84.496	16.7	1198.6
8/12/2016	6:30:00	0	84.511	16.7	1198.6
8/12/2016	6:45:00	0	84.524	16.7	1197.5
8/12/2016	7:00:00	0	84.537	16.7	1198.6

8/12/2016	7:15:00	0	84.531	16.7	1201
8/12/2016	7:30:00	0	84.526	16.7	1199.8
8/12/2016	7:45:00	0	84.483	16.7	1199.8
8/12/2016	8:00:00	0	84.499	16.7	1198.6
8/12/2016	8:15:00	0	84.479	16.7	1199.8
8/12/2016	8:30:00	0	84.496	16.7	1197.5
8/12/2016	8:45:00	0	84.535	16.7	1198.6
8/12/2016	9:00:00	0	84.475	16.7	1199.8
8/12/2016	9:15:00	0	84.51	16.7	1198.6
8/12/2016	9:30:00	0	84.532	16.7	1199.8
8/12/2016	9:45:00	0	84.513	16.7	1198.6
8/12/2016	10:00:00	0	84.514	16.7	1198.6
8/12/2016	10:15:00	0	84.515	16.7	1198.6
8/12/2016	10:30:00	0	84.495	16.7	1198.6
8/12/2016	10:45:00	0	84.53	16.7	1197.5
8/12/2016	11:00:00	0	84.548	16.7	1198.6
8/12/2016	11:15:00	0	84.51	16.7	1198.6
8/12/2016	11:30:00	0	84.509	16.7	1198.6
8/12/2016	11:45:00	0	84.529	16.7	1197.5
8/12/2016	12:00:00	0	84.532	16.7	1199.8
8/12/2016	12:15:00	0	84.515	16.7	1197.5
8/12/2016	12:30:00	0	84.534	16.7	1198.6
8/12/2016	12:45:00	0	84.573	16.7	1198.6
8/12/2016	13:00:00	0	84.515	16.7	1198.6
8/12/2016	13:15:00	0	84.519	16.7	1198.6
8/12/2016	13:30:00	0	84.523	16.7	1197.5
8/12/2016	13:45:00	0	84.565	16.7	1197.5
8/12/2016	14:00:00	0	84.589	16.7	1197.5
8/12/2016	14:15:00	0	84.533	16.7	1198.6
8/12/2016	14:30:00	0	84.551	16.7	1198.6
8/12/2016	14:45:00	0	84.55	16.7	1197.5
8/12/2016	15:00:00	0	84.55	16.7	1197.5
8/12/2016	15:15:00	0	84.535	16.7	1198.6
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8/12/2016	16:00:00	0	84.559	16.7	1197.5
8/12/2016	16:15:00	0	84.522	16.7	1199.8
8/12/2016	16:30:00	0	84.543	16.7	1199.8
8/12/2016	16:45:00	0	84.568	16.7	1199.8
8/12/2016	17:00:00	0	84.557	16.7	1198.6
8/12/2016	17:15:00	0	84.605	16.7	1198.6
8/12/2016	17:30:00	0	84.609	16.7	1198.6
8/12/2016	17:45:00	0	84.579	16.7	1198.6
8/12/2016	18:00:00	0	84.582	16.7	1198.6
8/12/2016	18:15:00	0	84.645	16.7	1198.6
8/12/2016	18:30:00	0	84.612	16.7	1198.6
8/12/2016	18:45:00	0	84.592	16.7	1197.5

8/12/2016	19:00:00	0	84.577	16.7	1199.8
8/12/2016	19:15:00	0	84.656	16.7	1197.5
8/12/2016	19:30:00	0	84.58	16.7	1199.8
8/12/2016	19:45:00	0	84.62	16.7	1198.6
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8/12/2016	20:30:00	0	84.633	16.7	1198.6
8/12/2016	20:45:00	0	84.61	16.7	1198.6
8/12/2016	21:00:00	0	84.608	16.7	1199.8
8/12/2016	21:15:00	0	84.622	16.7	1198.6
8/12/2016	21:30:00	0	84.599	16.7	1199.8
8/12/2016	21:45:00	0	84.578	16.7	1198.6
8/12/2016	22:00:00	0	84.614	16.7	1199.8
8/12/2016	22:15:00	0	84.61	16.7	1197.5
8/12/2016	22:30:00	0	84.599	16.7	1198.6
8/12/2016	22:45:00	0	84.66	16.7	1198.6
8/12/2016	23:00:00	0	84.623	16.7	1198.6
8/12/2016	23:15:00	0	84.603	16.7	1198.6
8/12/2016	23:30:00	0	84.59	16.7	1199.8
8/12/2016	23:45:00	0	84.63	16.7	1198.6
8/13/2016	0:00:00	0	84.61	16.7	1198.6
8/13/2016	0:15:00	0	84.628	16.7	1198.6
8/13/2016	0:30:00	0	84.613	16.7	1199.8
8/13/2016	0:45:00	0	84.634	16.7	1197.5
8/13/2016	1:00:00	0	84.575	16.7	1199.8
8/13/2016	1:15:00	0	84.574	16.7	1199.8
8/13/2016	1:30:00	0	84.615	16.7	1198.6
8/13/2016	1:45:00	0	84.6	16.7	1198.6
8/13/2016	2:00:00	0	84.604	16.7	1199.8
8/13/2016	2:15:00	0	84.647	16.7	1198.6
8/13/2016	2:30:00	0	84.671	16.7	1197.5
8/13/2016	2:45:00	0	84.635	16.7	1201
8/13/2016	3:00:00	0	84.599	16.7	1198.6
8/13/2016	3:15:00	0	84.643	16.7	1198.6
8/13/2016	3:30:00	0	84.606	16.7	1197.5
8/13/2016	3:45:00	0	84.607	16.7	1199.8
8/13/2016	4:00:00	0	84.65	16.7	1198.6
8/13/2016	4:15:00	0	84.654	16.7	1198.6
8/13/2016	4:30:00	0	84.657	16.7	1198.6
8/13/2016	4:45:00	0	84.617	16.7	1197.5
8/13/2016	5:00:00	0	84.635	16.7	1198.6
8/13/2016	5:15:00	0	84.632	16.7	1199.8
8/13/2016	5:30:00	0	84.632	16.7	1198.6
8/13/2016	5:45:00	0	84.609	16.7	1198.6
8/13/2016	6:00:00	0	84.671	16.7	1197.5
8/13/2016	6:15:00	0	84.608	16.7	1198.6
8/13/2016	6:30:00	0	84.645	16.7	1199.8

8/13/2016	6:45:00	0	84.66	16.7	1198.6
8/13/2016	7:00:00	0	84.653	16.7	1201
8/13/2016	7:15:00	0	84.63	16.7	1198.6
8/13/2016	7:30:00	0	84.642	16.7	1199.8
8/13/2016	7:45:00	0	84.64	16.7	1198.6
8/13/2016	8:00:00	0	84.638	16.7	1198.6
8/13/2016	8:15:00	0	84.594	16.7	1197.5
8/13/2016	8:30:00	0	84.614	16.7	1199.8
8/13/2016	8:45:00	0	84.654	16.7	1198.6
8/13/2016	9:00:00	0	84.655	16.7	1198.6
8/13/2016	9:15:00	0	84.632	16.7	1198.6
8/13/2016	9:30:00	0	84.615	16.7	1198.6
8/13/2016	9:45:00	0	84.617	16.7	1197.5
8/13/2016	10:00:00	0	84.638	16.7	1199.8
8/13/2016	10:15:00	0	84.602	16.7	1198.6
8/13/2016	10:30:00	0	84.621	16.7	1198.6
8/13/2016	10:45:00	0	84.621	16.7	1199.8
8/13/2016	11:00:00	0	84.602	16.7	1199.8
8/13/2016	11:15:00	0	84.625	16.7	1199.8
8/13/2016	11:30:00	0	84.589	16.7	1197.5
8/13/2016	11:45:00	0	84.654	16.7	1197.5
8/13/2016	12:00:00	0	84.637	16.7	1198.6
8/13/2016	12:15:00	0	84.641	16.7	1199.8
8/13/2016	12:30:00	0	84.665	16.7	1198.6
8/13/2016	12:45:00	0	84.606	16.7	1199.8
8/13/2016	13:00:00	0	84.666	16.7	1199.8
8/13/2016	13:15:00	0	84.649	16.7	1198.6
8/13/2016	13:30:00	0	84.611	16.7	1199.8
8/13/2016	13:45:00	0	84.629	16.7	1199.8
8/13/2016	14:00:00	0	84.611	16.7	1198.6
8/13/2016	14:15:00	0	84.653	16.7	1198.6
8/13/2016	14:30:00	0	84.635	16.7	1199.8
8/13/2016	14:45:00	0	84.635	16.7	1198.6
8/13/2016	15:00:00	0	84.639	16.7	1198.6
8/13/2016	15:15:00	0	84.622	16.7	1199.8
8/13/2016	15:30:00	0	84.648	16.7	1198.6
8/13/2016	15:45:00	0	84.652	16.7	1198.6
8/13/2016	16:00:00	0	84.577	16.7	1198.6
8/13/2016	16:15:00	0	84.643	16.7	1198.6
8/13/2016	16:30:00	0	84.649	16.7	1199.8
8/13/2016	16:45:00	0	84.649	16.7	1197.5
8/13/2016	17:00:00	0	84.676	16.7	1199.8
8/13/2016	17:15:00	0	84.679	16.7	1198.6
8/13/2016	17:30:00	0	84.664	16.7	1199.8
8/13/2016	17:45:00	0	84.666	16.7	1199.8
8/13/2016	18:00:00	0	84.671	16.7	1199.8
8/13/2016	18:15:00	0	84.692	16.7	1198.6

8/13/2016	18:30:00	0	84.694	16.7	1197.5
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8/13/2016	19:00:00	0	84.656	16.7	1199.8
8/13/2016	19:15:00	0	84.655	16.7	1198.6
8/13/2016	19:30:00	0	84.672	16.7	1199.8
8/13/2016	19:45:00	0	84.716	16.7	1199.8
8/13/2016	20:00:00	0	84.649	16.7	1199.8
8/13/2016	20:15:00	0	84.67	16.7	1198.6
8/13/2016	20:30:00	0	84.669	16.7	1198.6
8/13/2016	20:45:00	0	84.664	16.7	1199.8
8/13/2016	21:00:00	0	84.663	16.7	1199.8
8/13/2016	21:15:00	0	84.701	16.7	1198.6
8/13/2016	21:30:00	0	84.657	16.7	1198.6
8/13/2016	21:45:00	0	84.715	16.7	1198.6
8/13/2016	22:00:00	0	84.693	16.7	1198.6
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8/13/2016	22:30:00	0	84.655	16.7	1197.5
8/13/2016	22:45:00	0	84.698	16.7	1198.6
8/13/2016	23:00:00	0	84.7	16.7	1199.8
8/13/2016	23:15:00	0	84.68	16.7	1199.8
8/13/2016	23:30:00	0	84.642	16.7	1199.8
8/13/2016	23:45:00	0	84.701	16.7	1199.8
8/14/2016	0:00:00	0	84.622	16.7	1199.8
8/14/2016	0:15:00	0	84.681	16.7	1199.8
8/14/2016	0:30:00	0	84.702	16.7	1198.6
8/14/2016	0:45:00	0	84.665	16.7	1197.5
8/14/2016	1:00:00	0	84.65	16.7	1198.6
8/14/2016	1:15:00	0	84.671	16.7	1199.8
8/14/2016	1:30:00	0	84.694	16.7	1198.6
8/14/2016	1:45:00	0	84.641	16.7	1197.5
8/14/2016	2:00:00	0	84.663	16.7	1197.5
8/14/2016	2:15:00	0	84.667	16.7	1198.6
8/14/2016	2:30:00	0	84.669	16.7	1198.6
8/14/2016	2:45:00	0	84.65	16.7	1199.8
8/14/2016	3:00:00	0	84.674	16.7	1199.8
8/14/2016	3:15:00	0	84.615	16.7	1198.6
8/14/2016	3:30:00	0	84.677	16.7	1199.8
8/14/2016	3:45:00	0	84.672	16.7	1198.6
8/14/2016	4:00:00	0	84.67	16.7	1199.8
8/14/2016	4:15:00	0	84.667	16.7	1198.6
8/14/2016	4:30:00	0	84.648	16.7	1198.6
8/14/2016	4:45:00	0	84.665	16.7	1198.6
8/14/2016	5:00:00	0	84.682	16.7	1199.8
8/14/2016	5:15:00	0	84.659	16.7	1199.8
8/14/2016	5:30:00	0	84.658	16.7	1198.6
8/14/2016	5:45:00	0	84.638	16.7	1199.8
8/14/2016	6:00:00	0	84.674	16.7	1198.6

8/14/2016	6:15:00	0	84.648	16.7	1198.6
8/14/2016	6:30:00	0	84.627	16.7	1199.8
8/14/2016	6:45:00	0	84.643	16.7	1198.6
8/14/2016	7:00:00	0	84.639	16.7	1199.8
8/14/2016	7:15:00	0	84.597	16.7	1198.6
8/14/2016	7:30:00	0	84.612	16.7	1198.6
8/14/2016	7:45:00	0	84.648	16.7	1198.6
8/14/2016	8:00:00	0	84.63	16.7	1199.8
8/14/2016	8:15:00	0	84.685	16.7	1199.8
8/14/2016	8:30:00	0	84.626	16.7	1198.6
8/14/2016	8:45:00	0	84.642	16.7	1198.6
8/14/2016	9:00:00	0	84.642	16.7	1198.6
8/14/2016	9:15:00	0	84.654	16.7	1197.5
8/14/2016	9:30:00	0	84.63	16.7	1197.5
8/14/2016	9:45:00	0	84.628	16.7	1199.8
8/14/2016	10:00:00	0	84.647	16.7	1199.8
8/14/2016	10:15:00	0	84.647	16.7	1201
8/14/2016	10:30:00	0	84.668	16.7	1199.8
8/14/2016	10:45:00	0	84.65	16.7	1198.6
8/14/2016	11:00:00	0	84.633	16.7	1199.8
8/14/2016	11:15:00	0	84.656	16.7	1199.8
8/14/2016	11:30:00	0	84.677	16.7	1197.5
8/14/2016	11:45:00	0	84.659	16.7	1198.6
8/14/2016	12:00:00	0	84.662	16.7	1197.5
8/14/2016	12:15:00	0	84.645	16.7	1198.6
8/14/2016	12:30:00	0	84.664	16.7	1199.8
8/14/2016	12:45:00	0	84.645	16.7	1199.8
8/14/2016	13:00:00	0	84.633	16.7	1201
8/14/2016	13:15:00	0	84.633	16.7	1199.8
8/14/2016	13:30:00	0	84.674	16.7	1198.6
8/14/2016	13:45:00	0	84.656	16.7	1199.8
8/14/2016	14:00:00	0	84.636	16.7	1198.6
8/14/2016	14:15:00	0	84.694	16.7	1198.6
8/14/2016	14:30:00	0	84.722	16.7	1198.6
8/14/2016	14:45:00	0	84.659	16.7	1199.8
8/14/2016	15:00:00	0	84.669	16.7	1198.6
8/14/2016	15:15:00	0	84.691	16.7	1198.6
8/14/2016	15:30:00	0	84.714	16.7	1197.5
8/14/2016	15:45:00	0	84.697	16.7	1198.6
8/14/2016	16:00:00	0	84.696	16.7	1198.6
8/14/2016	16:15:00	0	84.717	16.7	1198.6
8/14/2016	16:30:00	0	84.701	16.7	1199.8
8/14/2016	16:45:00	0	84.736	16.7	1198.6
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8/14/2016	17:15:00	0	84.717	16.7	1199.8
8/14/2016	17:30:00	0	84.717	16.7	1198.6
8/14/2016	17:45:00	0	84.696	16.7	1199.8

8/14/2016	18:00:00	0	84.736	16.7	1198.6
8/14/2016	18:15:00	0	84.681	16.7	1199.8
8/14/2016	18:30:00	0	84.703	16.7	1198.6
8/14/2016	18:45:00	0	84.721	16.7	1199.8
8/14/2016	19:00:00	0	84.72	16.7	1198.6
8/14/2016	19:15:00	0	84.7	16.7	1198.6
8/14/2016	19:30:00	0	84.72	16.7	1198.6
8/14/2016	19:45:00	0	84.717	16.7	1199.8
8/14/2016	20:00:00	0	84.731	16.7	1199.8
8/14/2016	20:15:00	0	84.713	16.7	1199.8
8/14/2016	20:30:00	0	84.727	16.7	1199.8
8/14/2016	20:45:00	0	84.766	16.7	1198.6
8/14/2016	21:00:00	0	84.717	16.7	1199.8
8/14/2016	21:15:00	0	84.696	16.7	1198.6
8/14/2016	21:30:00	0	84.712	16.7	1199.8
8/14/2016	21:45:00	0	84.734	16.7	1201
8/14/2016	22:00:00	0	84.754	16.7	1199.8
8/14/2016	22:15:00	0	84.692	16.7	1199.8
8/14/2016	22:30:00	0	84.71	16.7	1199.8
8/14/2016	22:45:00	0	84.767	16.7	1199.8
8/14/2016	23:00:00	0	84.744	16.7	1198.6
8/14/2016	23:15:00	0	84.745	16.7	1199.8
8/14/2016	23:30:00	0	84.726	16.7	1199.8
8/14/2016	23:45:00	0	84.741	16.7	1199.8
8/15/2016	0:00:00	0	84.722	16.7	1199.8
8/15/2016	0:15:00	0	84.74	16.7	1199.8
8/15/2016	0:30:00	0	84.738	16.7	1199.8
8/15/2016	0:45:00	0	84.716	16.7	1199.8
8/15/2016	1:00:00	0	84.776	16.7	1199.8
8/15/2016	1:15:00	0	84.776	16.7	1199.8
8/15/2016	1:30:00	0	84.759	16.7	1198.6
8/15/2016	1:45:00	0	84.743	16.7	1198.6
8/15/2016	2:00:00	0	84.726	16.7	1198.6
8/15/2016	2:15:00	0	84.743	16.7	1199.8
8/15/2016	2:30:00	0	84.743	16.7	1198.6
8/15/2016	2:45:00	0	84.766	16.7	1201
8/15/2016	3:00:00	0	84.749	16.7	1198.6
8/15/2016	3:15:00	0	84.788	16.7	1199.8
8/15/2016	3:30:00	0	84.768	16.7	1199.8
8/15/2016	3:45:00	0	84.79	16.7	1199.8
8/15/2016	4:00:00	0	84.79	16.7	1199.8
8/15/2016	4:15:00	0	84.754	16.7	1199.8
8/15/2016	4:30:00	0	84.769	16.7	1197.5
8/15/2016	4:45:00	0	84.787	16.7	1198.6
8/15/2016	5:00:00	0	84.763	16.7	1198.6
8/15/2016	5:15:00	0	84.763	16.7	1197.5
8/15/2016	5:30:00	0	84.761	16.7	1199.8

8/15/2016	5:45:00	0	84.781	16.7	1199.8
8/15/2016	6:00:00	0	84.818	16.7	1198.6
8/15/2016	6:15:00	0	84.773	16.7	1198.6
8/15/2016	6:30:00	0	84.772	16.7	1199.8
8/15/2016	6:45:00	0	84.809	16.7	1199.8
8/15/2016	7:00:00	0	84.763	16.7	1199.8
8/15/2016	7:15:00	0	84.777	16.7	1199.8
8/15/2016	7:30:00	0	84.834	16.7	1199.8
8/15/2016	7:45:00	0	84.83	16.7	1199.8
8/15/2016	8:00:00	0	84.788	16.7	1198.6
8/15/2016	8:15:00	0	84.766	16.7	1198.6
8/15/2016	8:30:00	0	84.763	16.7	1201
8/15/2016	8:45:00	0	84.78	16.7	1199.8
8/15/2016	9:00:00	0	84.794	16.7	1198.6
8/15/2016	9:15:00	0	84.793	16.7	1199.8
8/15/2016	9:30:00	0	84.785	16.7	1199.8
8/15/2016	9:45:00	0	84.785	16.7	1199.8
8/15/2016	10:00:00	0	84.782	16.7	1199.8
8/15/2016	10:15:00	0	84.781	16.7	1197.5
8/15/2016	10:30:00	0	84.776	16.7	1199.8
8/15/2016	10:45:00	0	84.771	16.7	1201
8/15/2016	11:00:00	0	84.772	16.7	1198.6
8/15/2016	11:15:00	0	84.791	16.7	1198.6
8/15/2016	11:30:00	0	84.759	16.7	1199.8
8/15/2016	11:45:00	0	84.779	16.7	1199.8
8/15/2016	12:00:00	0	84.783	16.7	1198.6
8/15/2016	12:15:00	0	84.786	16.7	1199.8
8/15/2016	12:30:00	0	84.775	16.7	1199.8
8/15/2016	12:45:00	0	84.774	16.7	1199.8
8/15/2016	13:00:00	0	84.794	16.7	1199.8
8/15/2016	13:15:00	0	84.781	16.7	1199.8
8/15/2016	13:30:00	0	84.762	16.7	1199.8
8/15/2016	13:45:00	0	84.786	16.7	1201
8/15/2016	14:00:00	0	84.803	16.7	1198.6
8/15/2016	14:15:00	0	84.784	16.7	1199.8
8/15/2016	14:30:00	0	84.783	16.7	1199.8
8/15/2016	14:45:00	0	84.787	16.7	1199.8
8/15/2016	15:00:00	0	84.748	16.7	1199.8
8/15/2016	15:15:00	0	84.794	16.7	1198.6
8/15/2016	15:30:00	0	84.778	16.7	1198.6
8/15/2016	15:45:00	0	84.781	16.7	1199.8
8/15/2016	16:00:00	0	84.806	16.7	1198.6
8/15/2016	16:15:00	0	84.748	16.7	1199.8
8/15/2016	16:30:00	0	84.85	16.7	1199.8
8/15/2016	16:45:00	0	84.795	16.7	1199.8
8/15/2016	17:00:00	0	84.793	16.7	1198.6
8/15/2016	17:15:00	0	84.812	16.7	1197.5

8/15/2016	17:30:00	0	84.854	16.7	1199.8
8/15/2016	17:45:00	0	84.815	16.7	1199.8
8/15/2016	18:00:00	0	84.819	16.7	1198.6
8/15/2016	18:15:00	0	84.823	16.7	1198.6
8/15/2016	18:30:00	0	84.824	16.7	1197.5
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8/15/2016	19:00:00	0	84.804	16.7	1199.8
8/15/2016	19:15:00	0	84.845	16.7	1198.6
8/15/2016	19:30:00	0	84.824	16.7	1199.8
8/15/2016	19:45:00	0	84.82	16.7	1198.6
8/15/2016	20:00:00	0	84.779	16.7	1198.6
8/15/2016	20:15:00	0	84.801	16.7	1199.8
8/15/2016	20:30:00	0	84.837	16.7	1199.8
8/15/2016	20:45:00	0	84.816	16.7	1201
8/15/2016	21:00:00	0	84.812	16.7	1199.8
8/15/2016	21:15:00	0	84.77	16.7	1199.8
8/15/2016	21:30:00	0	84.826	16.7	1199.8
8/15/2016	21:45:00	0	84.822	16.7	1199.8
8/15/2016	22:00:00	0	84.865	16.7	1199.8
8/15/2016	22:15:00	0	84.828	16.7	1199.8
8/15/2016	22:30:00	0	84.827	16.7	1201
8/15/2016	22:45:00	0	84.811	16.7	1199.8
8/15/2016	23:00:00	0	84.813	16.7	1199.8
8/15/2016	23:15:00	0	84.776	16.7	1198.6
8/15/2016	23:30:00	0	84.836	16.7	1198.6
8/15/2016	23:45:00	0	84.796	16.7	1199.8
8/16/2016	0:00:00	0	84.799	16.7	1198.6
8/16/2016	0:15:00	0	84.795	16.7	1199.8
8/16/2016	0:30:00	0	84.797	16.7	1199.8
8/16/2016	0:45:00	0	84.839	16.7	1199.8
8/16/2016	1:00:00	0	84.826	16.7	1198.6
8/16/2016	1:15:00	0	84.788	16.7	1198.6
8/16/2016	1:30:00	0	84.809	16.7	1198.6
8/16/2016	1:45:00	0	84.811	16.7	1198.6
8/16/2016	2:00:00	0	84.811	16.7	1198.6
8/16/2016	2:15:00	0	84.794	16.7	1198.6
8/16/2016	2:30:00	0	84.798	16.7	1199.8
8/16/2016	2:45:00	0	84.821	16.7	1198.6
8/16/2016	3:00:00	0	84.76	16.7	1199.8
8/16/2016	3:15:00	0	84.802	16.7	1199.8
8/16/2016	3:30:00	0	84.808	16.7	1199.8
8/16/2016	3:45:00	0	84.77	16.7	1199.8
8/16/2016	4:00:00	0	84.809	16.7	1201
8/16/2016	4:15:00	0	84.797	16.7	1198.6
8/16/2016	4:30:00	0	84.756	16.7	1198.6
8/16/2016	4:45:00	0	84.756	16.7	1199.8
8/16/2016	5:00:00	0	84.796	16.7	1199.8

8/16/2016	5:15:00	0	84.795	16.7	1199.8
8/16/2016	5:30:00	0	84.812	16.7	1198.6
8/16/2016	5:45:00	0	84.77	16.7	1199.8
8/16/2016	6:00:00	0	84.765	16.7	1199.8
8/16/2016	6:15:00	0	84.785	16.7	1199.8
8/16/2016	6:30:00	0	84.779	16.7	1199.8
8/16/2016	6:45:00	0	84.771	16.7	1199.8
8/16/2016	7:00:00	0	84.727	16.7	1198.6
8/16/2016	7:15:00	0	84.783	16.7	1199.8
8/16/2016	7:30:00	0	84.742	16.7	1199.8
8/16/2016	7:45:00	0	84.759	16.7	1198.6
8/16/2016	8:00:00	0	84.78	16.7	1199.8
8/16/2016	8:15:00	0	84.759	16.7	1199.8
8/16/2016	8:30:00	0	84.778	16.7	1199.8
8/16/2016	8:45:00	0	84.758	16.7	1199.8
8/16/2016	9:00:00	0	84.776	16.7	1199.8
8/16/2016	9:15:00	0	84.752	16.7	1199.8
8/16/2016	9:30:00	0	84.738	16.7	1199.8
8/16/2016	9:45:00	0	84.761	16.7	1199.8
8/16/2016	10:00:00	0	84.739	16.7	1198.6
8/16/2016	10:15:00	0	84.74	16.7	1199.8
8/16/2016	10:30:00	0	84.778	16.7	1198.6
8/16/2016	10:45:00	0	84.68	16.7	1199.8
8/16/2016	11:00:00	0	84.735	16.7	1199.8
8/16/2016	11:15:00	0	84.69	16.7	1197.5
8/16/2016	11:30:00	0	84.731	16.7	1199.8
8/16/2016	11:45:00	0	84.733	16.7	1199.8
8/16/2016	12:00:00	0	84.711	16.7	1199.8
8/16/2016	12:15:00	0	84.733	16.7	1199.8
8/16/2016	12:30:00	0	84.65	16.7	1199.8
8/16/2016	12:45:00	0	84.689	16.7	1199.8
8/16/2016	13:00:00	0	84.727	16.7	1197.5
8/16/2016	13:15:00	0	84.73	16.7	1199.8
8/16/2016	13:30:00	0	84.67	16.7	1201
8/16/2016	13:45:00	0	84.691	16.7	1198.6
8/16/2016	14:00:00	0	84.694	16.7	1197.5
8/16/2016	14:15:00	0	84.681	16.7	1199.8
8/16/2016	14:30:00	0	84.685	16.7	1199.8
8/16/2016	14:45:00	0	84.689	16.7	1199.8
8/16/2016	15:00:00	0	84.694	16.7	1201
8/16/2016	15:15:00	0	84.698	16.7	1201
8/16/2016	15:30:00	0	84.682	16.7	1198.6
8/16/2016	15:45:00	0	84.708	16.7	1199.8
8/16/2016	16:00:00	0	84.708	16.7	1201
8/16/2016	16:15:00	0	84.691	16.7	1199.8
8/16/2016	16:30:00	0	84.733	16.7	1199.8
8/16/2016	16:45:00	0	84.693	16.7	1197.5

8/16/2016	17:00:00	0	84.718	16.7	1199.8
8/16/2016	17:15:00	0	84.738	16.7	1199.8
8/16/2016	17:30:00	0	84.701	16.7	1198.6
8/16/2016	17:45:00	0	84.703	16.7	1199.8
8/16/2016	18:00:00	0	84.708	16.7	1201
8/16/2016	18:15:00	0	84.75	16.7	1199.8
8/16/2016	18:30:00	0	84.77	16.7	1199.8
8/16/2016	18:45:00	0	84.751	16.7	1199.8
8/16/2016	19:00:00	0	84.773	16.7	1198.6
8/16/2016	19:15:00	0	84.71	16.7	1198.6
8/16/2016	19:30:00	0	84.767	16.7	1199.8
8/16/2016	19:45:00	0	84.761	16.7	1198.6
8/16/2016	20:00:00	0	84.742	16.7	1199.8
8/16/2016	20:15:00	0	84.741	16.7	1199.8
8/16/2016	20:30:00	0	84.696	16.7	1199.8
8/16/2016	20:45:00	0	84.774	16.7	1199.8
8/16/2016	21:00:00	0	84.727	16.7	1199.8
8/16/2016	21:15:00	0	84.744	16.7	1199.8
8/16/2016	21:30:00	0	84.74	16.7	1201
8/16/2016	21:45:00	0	84.763	16.7	1199.8
8/16/2016	22:00:00	0	84.725	16.7	1199.8
8/16/2016	22:15:00	0	84.727	16.7	1201
8/16/2016	22:30:00	0	84.692	16.7	1199.8
8/16/2016	22:45:00	0	84.694	16.7	1201
8/16/2016	23:00:00	0	84.736	16.7	1199.8
8/16/2016	23:15:00	0	84.697	16.7	1199.8
8/16/2016	23:30:00	0	84.699	16.7	1199.8
8/16/2016	23:45:00	0	84.74	16.7	1199.8
8/17/2016	0:00:00	0	84.719	16.7	1199.8
8/17/2016	0:15:00	0	84.702	16.7	1199.8
8/17/2016	0:30:00	0	84.72	16.7	1199.8
8/17/2016	0:45:00	0	84.723	16.7	1198.6
8/17/2016	1:00:00	0	84.685	16.7	1199.8
8/17/2016	1:15:00	0	84.67	16.7	1199.8
8/17/2016	1:30:00	0	84.672	16.7	1199.8
8/17/2016	1:45:00	0	84.714	16.7	1199.8
8/17/2016	2:00:00	0	84.698	16.7	1199.8
8/17/2016	2:15:00	0	84.668	16.7	1199.8
8/17/2016	2:30:00	0	84.685	16.7	1199.8
8/17/2016	2:45:00	0	84.71	16.7	1199.8
8/17/2016	3:00:00	0	84.691	16.7	1199.8
8/17/2016	3:15:00	0	84.711	16.7	1199.8
8/17/2016	3:30:00	0	84.699	16.7	1199.8
8/17/2016	3:45:00	0	84.662	16.7	1199.8
8/17/2016	4:00:00	0	84.704	16.7	1199.8
8/17/2016	4:15:00	0	84.706	16.7	1199.8
8/17/2016	4:30:00	0	84.665	16.7	1199.8

8/17/2016	4:45:00	0	84.685	16.7	1199.8
8/17/2016	5:00:00	0	84.663	16.7	1198.6
8/17/2016	5:15:00	0	84.684	16.7	1198.6
8/17/2016	5:30:00	0	84.705	16.7	1198.6
8/17/2016	5:45:00	0	84.688	16.7	1199.8
8/17/2016	6:00:00	0	84.687	16.7	1199.8
8/17/2016	6:15:00	0	84.681	16.7	1198.6
8/17/2016	6:30:00	0	84.653	16.7	1199.8
8/17/2016	6:45:00	0	84.657	16.7	1197.5
8/17/2016	7:00:00	0	84.669	16.7	1199.8
8/17/2016	7:15:00	0	84.641	16.7	1197.5
8/17/2016	7:30:00	0	84.661	16.7	1198.6
8/17/2016	7:45:00	0	84.635	16.7	1197.5
8/17/2016	8:00:00	0	84.688	16.7	1197.5
8/17/2016	8:15:00	0	84.643	16.7	1199.8
8/17/2016	8:30:00	0	84.661	16.7	1199.8
8/17/2016	8:45:00	0	84.626	16.7	1199.8
8/17/2016	9:00:00	0	84.642	16.7	1198.6
8/17/2016	9:15:00	0	84.623	16.7	1198.6
8/17/2016	9:30:00	0	84.64	16.7	1199.8
8/17/2016	9:45:00	0	84.643	16.7	1199.8
8/17/2016	10:00:00	0	84.642	16.7	1199.8
8/17/2016	10:15:00	0	84.623	16.7	1199.8
8/17/2016	10:30:00	0	84.583	16.7	1201
8/17/2016	10:45:00	0	84.623	16.7	1199.8
8/17/2016	11:00:00	0	84.624	16.7	1198.6
8/17/2016	11:15:00	0	84.606	16.7	1198.6
8/17/2016	11:30:00	0	84.606	16.7	1198.6
8/17/2016	11:45:00	0	84.605	16.7	1199.8
8/17/2016	12:00:00	0	84.589	16.7	1198.6
8/17/2016	12:15:00	0	84.609	16.7	1201
8/17/2016	12:30:00	0	84.631	16.7	1199.8
8/17/2016	12:45:00	0	84.634	16.7	1199.8
8/17/2016	13:00:00	0	84.599	16.7	1201
8/17/2016	13:15:00	0	84.601	16.7	1199.8
8/17/2016	13:30:00	0	84.628	16.7	1199.8
8/17/2016	13:45:00	0	84.588	16.7	1199.8
8/17/2016	14:00:00	0	84.609	16.7	1199.8
8/17/2016	14:15:00	0	84.59	16.7	1199.8
8/17/2016	14:30:00	0	84.614	16.7	1199.8
8/17/2016	14:45:00	0	84.594	16.7	1201
8/17/2016	15:00:00	0	84.58	16.7	1199.8
8/17/2016	15:15:00	0	84.641	16.7	1201
8/17/2016	15:30:00	0	84.603	16.7	1198.6
8/17/2016	15:45:00	0	84.587	16.7	1199.8
8/17/2016	16:00:00	0	84.611	16.7	1199.8
8/17/2016	16:15:00	0	84.596	16.7	1198.6

8/17/2016	16:30:00	0	84.58	16.7	1198.6
8/17/2016	16:45:00	0	84.581	16.7	1199.8
8/17/2016	17:00:00	0	84.603	16.7	1199.8
8/17/2016	17:15:00	0	84.625	16.7	1199.8
8/17/2016	17:30:00	0	84.587	16.7	1201
8/17/2016	17:45:00	0	84.605	16.7	1199.8
8/17/2016	18:00:00	0	84.628	16.7	1199.8
8/17/2016	18:15:00	0	84.612	16.7	1199.8
8/17/2016	18:30:00	0	84.636	16.7	1199.8
8/17/2016	18:45:00	0	84.617	16.7	1201
8/17/2016	19:00:00	0	84.621	16.7	1199.8
8/17/2016	19:15:00	0	84.618	16.7	1201
8/17/2016	19:30:00	0	84.576	16.7	1199.8
8/17/2016	19:45:00	0	84.593	16.7	1201
8/17/2016	20:00:00	0	84.628	16.7	1199.8
8/17/2016	20:15:00	0	84.626	16.7	1199.8
8/17/2016	20:30:00	0	84.622	16.7	1199.8
8/17/2016	20:45:00	0	84.617	16.7	1199.8
8/17/2016	21:00:00	0	84.613	16.7	1199.8
8/17/2016	21:15:00	0	84.609	16.7	1199.8
8/17/2016	21:30:00	0	84.608	16.7	1201
8/17/2016	21:45:00	0	84.61	16.7	1199.8
8/17/2016	22:00:00	0	84.59	16.7	1199.8
8/17/2016	22:15:00	0	84.611	16.7	1199.8
8/17/2016	22:30:00	0	84.594	16.7	1199.8
8/17/2016	22:45:00	0	84.573	16.7	1199.8
8/17/2016	23:00:00	0	84.594	16.7	1199.8
8/17/2016	23:15:00	0	84.538	16.7	1198.6
8/17/2016	23:30:00	0	84.617	16.7	1198.6
8/17/2016	23:45:00	0	84.593	16.7	1199.8

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: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
8/11/2016	0:00:00	0	27.082	16.3	2014.6
8/11/2016	0:15:00	0	27.12	16.3	2013.4
8/11/2016	0:30:00	0	27.101	16.3	2013.4
8/11/2016	0:45:00	0	27.12	16.3	2013.4
8/11/2016	1:00:00	0	27.119	16.3	2013.4
8/11/2016	1:15:00	0	27.117	16.3	2013.4
8/11/2016	1:30:00	0	27.078	16.3	2013.4
8/11/2016	1:45:00	0	27.139	16.3	2013.4
8/11/2016	2:00:00	0	27.098	16.3	2012.2
8/11/2016	2:15:00	0	27.097	16.3	2013.4
8/11/2016	2:30:00	0	27.117	16.3	2013.4
8/11/2016	2:45:00	0	27.116	16.3	2013.4
8/11/2016	3:00:00	0	27.114	16.3	2012.2
8/11/2016	3:15:00	0	27.097	16.3	2013.4
8/11/2016	3:30:00	0	27.078	16.3	2013.4
8/11/2016	3:45:00	0	27.121	16.3	2013.4
8/11/2016	4:00:00	0	27.181	16.3	2013.4
8/11/2016	4:15:00	0	27.18	16.3	2013.4
8/11/2016	4:30:00	0	27.103	16.3	2012.2
8/11/2016	4:45:00	0	27.161	16.3	2012.2
8/11/2016	5:00:00	0	27.18	16.3	2012.2
8/11/2016	5:15:00	0	27.1	16.3	2012.2
8/11/2016	5:30:00	0	27.117	16.3	2012.2
8/11/2016	5:45:00	0	27.113	16.3	2013.4
8/11/2016	6:00:00	0	27.124	16.3	2012.2
8/11/2016	6:15:00	0	27.118	16.3	2012.2
8/11/2016	6:30:00	0	27.093	16.3	2012.2
8/11/2016	6:45:00	0	27.126	16.3	2013.4
8/11/2016	7:00:00	0	27.077	16.3	2013.4
8/11/2016	7:15:00	0	27.13	16.3	2012.2
8/11/2016	7:30:00	0	27.104	16.3	2012.2

8/11/2016	7:45:00	0	27.077	16.3	2012.2
8/11/2016	8:00:00	0	27.071	16.3	2012.2
8/11/2016	8:15:00	0	27.068	16.3	2012.2
8/11/2016	8:30:00	0	27.087	16.3	2012.2
8/11/2016	8:45:00	0	27.06	16.3	2012.2
8/11/2016	9:00:00	0	27.076	16.3	2013.4
8/11/2016	9:15:00	0	27.052	16.3	2012.2
8/11/2016	9:30:00	0	27.047	16.3	2012.2
8/11/2016	9:45:00	0	27.103	16.3	2012.2
8/11/2016	10:00:00	0	27.14	16.3	2013.4
8/11/2016	10:15:00	0	27.115	16.3	2013.4
8/11/2016	10:30:00	0	27.078	16.3	2013.4
8/11/2016	10:45:00	0	27.074	16.3	2013.4
8/11/2016	11:00:00	0	27.095	16.3	2013.4
8/11/2016	11:15:00	0	27.094	16.3	2012.2
8/11/2016	11:30:00	0	27.09	16.3	2013.4
8/11/2016	11:45:00	0	27.11	16.3	2013.4
8/11/2016	12:00:00	0	27.071	16.3	2012.2
8/11/2016	12:15:00	0	27.128	16.3	2012.2
8/11/2016	12:30:00	0	27.13	16.3	2013.4
8/11/2016	12:45:00	0	27.069	16.3	2014.6
8/11/2016	13:00:00	0	27.093	16.3	2016.9
8/11/2016	13:15:00	0	27.093	16.3	2018.1
8/11/2016	13:30:00	0	27.113	16.3	2018.1
8/11/2016	13:45:00	0	27.135	16.3	2018.1
8/11/2016	14:00:00	0	27.154	16.3	2020.5
8/11/2016	14:15:00	0	27.096	16.3	2020.5
8/11/2016	14:30:00	0	27.139	16.3	2020.5
8/11/2016	14:45:00	0	27.138	16.3	2020.5
8/11/2016	15:00:00	0	27.097	16.3	2021.6
8/11/2016	15:15:00	0	27.102	16.3	2021.6
8/11/2016	15:30:00	0	27.123	16.3	2024
8/11/2016	15:45:00	0	27.124	16.3	2024
8/11/2016	16:00:00	0	27.209	16.3	2024
8/11/2016	16:15:00	0	27.172	16.3	2024
8/11/2016	16:30:00	0	27.158	16.3	2024
8/11/2016	16:45:00	0	27.143	16.3	2024
8/11/2016	17:00:00	0	27.068	16.3	2024
8/11/2016	17:15:00	0	27.106	16.3	2021.6
8/11/2016	17:30:00	0	27.147	16.3	2021.6
8/11/2016	17:45:00	0	27.13	16.3	2021.6
8/11/2016	18:00:00	0	27.192	16.3	2021.6
8/11/2016	18:15:00	0	27.152	16.3	2020.5
8/11/2016	18:30:00	0	27.116	16.3	2020.5
8/11/2016	18:45:00	0	27.118	16.3	2021.6
8/11/2016	19:00:00	0	27.138	16.3	2021.6
8/11/2016	19:15:00	0	27.159	16.3	2020.5

8/11/2016	19:30:00	0	27.136	16.3	2020.5
8/11/2016	19:45:00	0	27.136	16.3	2021.6
8/11/2016	20:00:00	0	27.133	16.3	2020.5
8/11/2016	20:15:00	0	27.154	16.3	2020.5
8/11/2016	20:30:00	0	27.13	16.3	2020.5
8/11/2016	20:45:00	0	27.167	16.3	2020.5
8/11/2016	21:00:00	0	27.105	16.3	2020.5
8/11/2016	21:15:00	0	27.141	16.3	2020.5
8/11/2016	21:30:00	0	27.098	16.3	2020.5
8/11/2016	21:45:00	0	27.116	16.3	2019.3
8/11/2016	22:00:00	0	27.077	16.3	2019.3
8/11/2016	22:15:00	0	27.136	16.3	2019.3
8/11/2016	22:30:00	0	27.099	16.3	2019.3
8/11/2016	22:45:00	0	27.12	16.3	2019.3
8/11/2016	23:00:00	0	27.122	16.3	2020.5
8/11/2016	23:15:00	0	27.139	16.3	2019.3
8/11/2016	23:30:00	0	27.118	16.3	2019.3
8/11/2016	23:45:00	0	27.135	16.3	2019.3
8/12/2016	0:00:00	0	27.116	16.3	2019.3
8/12/2016	0:15:00	0	27.139	16.3	2019.3
8/12/2016	0:30:00	0	27.139	16.3	2019.3
8/12/2016	0:45:00	0	27.14	16.3	2020.5
8/12/2016	1:00:00	0	27.079	16.3	2019.3
8/12/2016	1:15:00	0	27.101	16.3	2019.3
8/12/2016	1:30:00	0	27.081	16.3	2019.3
8/12/2016	1:45:00	0	27.1	16.3	2020.5
8/12/2016	2:00:00	0	27.124	16.3	2019.3
8/12/2016	2:15:00	0	27.108	16.3	2019.3
8/12/2016	2:30:00	0	27.168	16.3	2019.3
8/12/2016	2:45:00	0	27.071	16.3	2019.3
8/12/2016	3:00:00	0	27.13	16.3	2019.3
8/12/2016	3:15:00	0	27.132	16.3	2019.3
8/12/2016	3:30:00	0	27.134	16.3	2018.1
8/12/2016	3:45:00	0	27.096	16.3	2019.3
8/12/2016	4:00:00	0	27.097	16.3	2018.1
8/12/2016	4:15:00	0	27.137	16.3	2019.3
8/12/2016	4:30:00	0	27.137	16.3	2019.3
8/12/2016	4:45:00	0	27.116	16.3	2019.3
8/12/2016	5:00:00	0	27.154	16.3	2019.3
8/12/2016	5:15:00	0	27.11	16.3	2019.3
8/12/2016	5:30:00	0	27.144	16.3	2019.3
8/12/2016	5:45:00	0	27.102	16.3	2018.1
8/12/2016	6:00:00	0	27.097	16.3	2020.5
8/12/2016	6:15:00	0	27.114	16.3	2019.3
8/12/2016	6:30:00	0	27.109	16.3	2019.3
8/12/2016	6:45:00	0	27.123	16.3	2020.5
8/12/2016	7:00:00	0	27.136	16.3	2020.5

8/12/2016	7:15:00	0	27.11	16.3	2020.5
8/12/2016	7:30:00	0	27.125	16.3	2020.5
8/12/2016	7:45:00	0	27.101	16.3	2019.3
8/12/2016	8:00:00	0	27.118	16.3	2020.5
8/12/2016	8:15:00	0	27.097	16.3	2019.3
8/12/2016	8:30:00	0	27.075	16.3	2019.3
8/12/2016	8:45:00	0	27.074	16.3	2019.3
8/12/2016	9:00:00	0	27.113	16.3	2019.3
8/12/2016	9:15:00	0	27.089	16.3	2019.3
8/12/2016	9:30:00	0	27.13	16.3	2018.1
8/12/2016	9:45:00	0	27.112	16.3	2018.1
8/12/2016	10:00:00	0	27.113	16.3	2018.1
8/12/2016	10:15:00	0	27.114	16.3	2018.1
8/12/2016	10:30:00	0	27.133	16.3	2016.9
8/12/2016	10:45:00	0	27.109	16.3	2020.5
8/12/2016	11:00:00	0	27.147	16.3	2019.3
8/12/2016	11:15:00	0	27.109	16.3	2019.3
8/12/2016	11:30:00	0	27.147	16.3	2018.1
8/12/2016	11:45:00	0	27.088	16.3	2018.1
8/12/2016	12:00:00	0	27.071	16.3	2018.1
8/12/2016	12:15:00	0	27.094	16.3	2018.1
8/12/2016	12:30:00	0	27.113	16.3	2018.1
8/12/2016	12:45:00	0	27.152	16.3	2018.1
8/12/2016	13:00:00	0	27.094	16.3	2018.1
8/12/2016	13:15:00	0	27.157	16.3	2018.1
8/12/2016	13:30:00	0	27.141	16.3	2018.1
8/12/2016	13:45:00	0	27.085	16.3	2018.1
8/12/2016	14:00:00	0	27.129	16.3	2016.9
8/12/2016	14:15:00	0	27.112	16.3	2016.9
8/12/2016	14:30:00	0	27.13	16.3	2016.9
8/12/2016	14:45:00	0	27.129	16.3	2016.9
8/12/2016	15:00:00	0	27.168	16.3	2016.9
8/12/2016	15:15:00	0	27.153	16.3	2018.1
8/12/2016	15:30:00	0	27.093	16.3	2016.9
8/12/2016	15:45:00	0	27.154	16.3	2016.9
8/12/2016	16:00:00	0	27.177	16.3	2016.9
8/12/2016	16:15:00	0	27.16	16.3	2016.9
8/12/2016	16:30:00	0	27.122	16.3	2018.1
8/12/2016	16:45:00	0	27.127	16.3	2018.1
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8/12/2016	17:15:00	0	27.145	16.3	2016.9
8/12/2016	17:30:00	0	27.11	16.3	2016.9
8/12/2016	17:45:00	0	27.178	16.3	2016.9
8/12/2016	18:00:00	0	27.141	16.3	2016.9
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8/12/2016	18:30:00	0	27.151	16.3	2016.9
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8/12/2016	19:45:00	0	27.12	16.3	2016.9
8/12/2016	20:00:00	0	27.153	16.3	2016.9
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8/12/2016	22:30:00	0	27.138	16.3	2016.9
8/12/2016	22:45:00	0	27.121	16.3	2016.9
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8/13/2016	3:00:00	0	27.139	16.3	2016.9
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8/13/2016	3:45:00	0	27.167	16.3	2016.9
8/13/2016	4:00:00	0	27.13	16.3	2016.9
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8/13/2016	4:45:00	0	27.177	16.3	2016.9
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8/13/2016	5:15:00	0	27.152	16.3	2014.6
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8/13/2016	9:00:00	0	27.116	16.3	2014.6
8/13/2016	9:15:00	0	27.093	16.3	2014.6
8/13/2016	9:30:00	0	27.076	16.3	2014.6
8/13/2016	9:45:00	0	27.117	16.3	2014.6
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8/13/2016	10:15:00	0	27.102	16.3	2014.6
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8/13/2016	11:00:00	0	27.102	16.3	2014.6
8/13/2016	11:15:00	0	27.164	16.3	2014.6
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8/13/2016	14:15:00	0	27.153	16.3	2014.6
8/13/2016	14:30:00	0	27.135	16.3	2016.9
8/13/2016	14:45:00	0	27.155	16.3	2016.9
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8/13/2016	15:45:00	0	27.172	16.3	2014.6
8/13/2016	16:00:00	0	27.156	16.3	2014.6
8/13/2016	16:15:00	0	27.163	16.3	2014.6
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8/13/2016	16:45:00	0	27.15	16.3	2014.6
8/13/2016	17:00:00	0	27.137	16.3	2016.9
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8/13/2016	19:15:00	0	27.096	16.3	2014.6
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8/13/2016	19:45:00	0	27.157	16.3	2014.6
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8/13/2016	20:15:00	0	27.151	16.3	2014.6
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8/13/2016	21:15:00	0	27.083	16.3	2016.9
8/13/2016	21:30:00	0	27.138	16.3	2014.6
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8/13/2016	22:00:00	0	27.134	16.3	2014.6
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8/14/2016	1:00:00	0	27.15	16.3	2013.4
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8/14/2016	12:15:00	0	27.106	16.3	2013.4
8/14/2016	12:30:00	0	27.105	16.3	2013.4
8/14/2016	12:45:00	0	27.146	16.3	2013.4
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8/14/2016	13:30:00	0	27.174	16.3	2013.4
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8/14/2016	14:00:00	0	27.116	16.3	2013.4
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8/14/2016	14:45:00	0	27.14	16.3	2014.6
8/14/2016	15:00:00	0	27.15	16.3	2014.6
8/14/2016	15:15:00	0	27.172	16.3	2013.4
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8/14/2016	16:15:00	0	27.138	16.3	2013.4
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8/14/2016	16:45:00	0	27.098	16.3	2013.4
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8/14/2016	17:15:00	0	27.079	16.3	2013.4
8/14/2016	17:30:00	0	27.098	16.3	2013.4
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8/14/2016	18:30:00	0	27.144	16.3	2013.4
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8/14/2016	19:30:00	0	27.161	16.3	2013.4
8/14/2016	19:45:00	0	27.118	16.3	2013.4
8/14/2016	20:00:00	0	27.133	16.3	2013.4
8/14/2016	20:15:00	0	27.174	16.3	2013.4
8/14/2016	20:30:00	0	27.109	16.3	2013.4
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8/14/2016	21:00:00	0	27.099	16.3	2013.4
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8/14/2016	21:30:00	0	27.075	16.3	2012.2
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8/14/2016	22:15:00	0	27.133	16.3	2012.2
8/14/2016	22:30:00	0	27.132	16.3	2013.4
8/14/2016	22:45:00	0	27.13	16.3	2013.4
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8/14/2016	23:15:00	0	27.107	16.3	2013.4
8/14/2016	23:30:00	0	27.128	16.3	2013.4
8/14/2016	23:45:00	0	27.083	16.3	2013.4
8/15/2016	0:00:00	0	27.144	16.3	2013.4
8/15/2016	0:15:00	0	27.142	16.3	2013.4
8/15/2016	0:30:00	0	27.14	16.3	2013.4
8/15/2016	0:45:00	0	27.138	16.3	2013.4
8/15/2016	1:00:00	0	27.099	16.3	2013.4
8/15/2016	1:15:00	0	27.099	16.3	2013.4
8/15/2016	1:30:00	0	27.142	16.3	2013.4
8/15/2016	1:45:00	0	27.145	16.3	2013.4
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8/15/2016	2:15:00	0	27.105	16.3	2013.4
8/15/2016	2:30:00	0	27.164	16.3	2012.2
8/15/2016	2:45:00	0	27.129	16.3	2013.4
8/15/2016	3:00:00	0	27.091	16.3	2013.4
8/15/2016	3:15:00	0	27.131	16.3	2013.4
8/15/2016	3:30:00	0	27.091	16.3	2013.4
8/15/2016	3:45:00	0	27.153	16.3	2013.4
8/15/2016	4:00:00	0	27.113	16.3	2014.6
8/15/2016	4:15:00	0	27.096	16.3	2013.4
8/15/2016	4:30:00	0	27.152	16.3	2013.4
8/15/2016	4:45:00	0	27.09	16.3	2013.4
8/15/2016	5:00:00	0	27.126	16.3	2013.4
8/15/2016	5:15:00	0	27.146	16.3	2013.4
8/15/2016	5:30:00	0	27.124	16.3	2013.4

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8/15/2016	6:15:00	0	27.116	16.3	2013.4
8/15/2016	6:30:00	0	27.135	16.3	2013.4
8/15/2016	6:45:00	0	27.132	16.3	2013.4
8/15/2016	7:00:00	0	27.126	16.3	2013.4
8/15/2016	7:15:00	0	27.12	16.3	2012.2
8/15/2016	7:30:00	0	27.078	16.3	2013.4
8/15/2016	7:45:00	0	27.074	16.3	2013.4
8/15/2016	8:00:00	0	27.071	16.3	2013.4
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8/15/2016	8:30:00	0	27.106	16.3	2012.2
8/15/2016	8:45:00	0	27.103	16.3	2013.4
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8/15/2016	9:15:00	0	27.116	16.3	2013.4
8/15/2016	9:30:00	0	27.089	16.3	2013.4
8/15/2016	9:45:00	0	27.128	16.3	2013.4
8/15/2016	10:00:00	0	27.086	16.3	2013.4
8/15/2016	10:15:00	0	27.144	16.3	2013.4
8/15/2016	10:30:00	0	27.099	16.3	2013.4
8/15/2016	10:45:00	0	27.114	16.3	2013.4
8/15/2016	11:00:00	0	27.095	16.3	2013.4
8/15/2016	11:15:00	0	27.134	16.3	2013.4
8/15/2016	11:30:00	0	27.082	16.3	2013.4
8/15/2016	11:45:00	0	27.083	16.3	2012.2
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8/15/2016	12:15:00	0	27.149	16.3	2013.4
8/15/2016	12:30:00	0	27.098	16.3	2013.4
8/15/2016	12:45:00	0	27.136	16.3	2013.4
8/15/2016	13:00:00	0	27.117	16.3	2013.4
8/15/2016	13:15:00	0	27.104	16.3	2013.4
8/15/2016	13:30:00	0	27.144	16.3	2013.4
8/15/2016	13:45:00	0	27.109	16.3	2012.2
8/15/2016	14:00:00	0	27.166	16.3	2012.2
8/15/2016	14:15:00	0	27.107	16.3	2012.2
8/15/2016	14:30:00	0	27.165	16.3	2013.4
8/15/2016	14:45:00	0	27.129	16.3	2013.4
8/15/2016	15:00:00	0	27.091	16.3	2012.2
8/15/2016	15:15:00	0	27.117	16.3	2013.4
8/15/2016	15:30:00	0	27.14	16.3	2013.4
8/15/2016	15:45:00	0	27.143	16.3	2013.4
8/15/2016	16:00:00	0	27.148	16.3	2012.2
8/15/2016	16:15:00	0	27.15	16.3	2013.4
8/15/2016	16:30:00	0	27.134	16.3	2013.4
8/15/2016	16:45:00	0	27.138	16.3	2013.4
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8/15/2016	17:15:00	0	27.135	16.3	2012.2

8/15/2016	17:30:00	0	27.157	16.3	2012.2
8/15/2016	17:45:00	0	27.098	16.3	2012.2
8/15/2016	18:00:00	0	27.142	16.3	2012.2
8/15/2016	18:15:00	0	27.185	16.3	2012.2
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8/15/2016	19:00:00	0	27.147	16.3	2011.1
8/15/2016	19:15:00	0	27.149	16.3	2012.2
8/15/2016	19:30:00	0	27.107	16.3	2012.2
8/15/2016	19:45:00	0	27.123	16.3	2012.2
8/15/2016	20:00:00	0	27.122	16.3	2012.2
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8/15/2016	21:45:00	0	27.145	16.3	2012.2
8/15/2016	22:00:00	0	27.148	16.3	2013.4
8/15/2016	22:15:00	0	27.092	16.3	2012.2
8/15/2016	22:30:00	0	27.15	16.3	2013.4
8/15/2016	22:45:00	0	27.114	16.3	2013.4
8/15/2016	23:00:00	0	27.116	16.3	2013.4
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8/16/2016	0:00:00	0	27.142	16.3	2012.2
8/16/2016	0:15:00	0	27.157	16.3	2012.2
8/16/2016	0:30:00	0	27.159	16.3	2013.4
8/16/2016	0:45:00	0	27.123	16.3	2012.2
8/16/2016	1:00:00	0	27.149	16.3	2013.4
8/16/2016	1:15:00	0	27.151	16.3	2012.2
8/16/2016	1:30:00	0	27.132	16.3	2012.2
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8/16/2016	2:00:00	0	27.134	16.3	2012.2
8/16/2016	2:15:00	0	27.137	16.3	2012.2
8/16/2016	2:30:00	0	27.161	16.3	2012.2
8/16/2016	2:45:00	0	27.144	16.3	2012.2
8/16/2016	3:00:00	0	27.201	16.3	2012.2
8/16/2016	3:15:00	0	27.145	16.3	2012.2
8/16/2016	3:30:00	0	27.111	16.3	2012.2
8/16/2016	3:45:00	0	27.211	16.3	2012.2
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8/16/2016	4:15:00	0	27.16	16.3	2012.2
8/16/2016	4:30:00	0	27.178	16.3	2012.2
8/16/2016	4:45:00	0	27.099	16.3	2012.2
8/16/2016	5:00:00	0	27.139	16.3	2012.2

8/16/2016	5:15:00	0	27.178	16.3	2013.4
8/16/2016	5:30:00	0	27.115	16.3	2012.2
8/16/2016	5:45:00	0	27.132	16.3	2013.4
8/16/2016	6:00:00	0	27.186	16.3	2012.2
8/16/2016	6:15:00	0	27.168	16.3	2012.2
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8/16/2016	6:45:00	0	27.114	16.3	2012.2
8/16/2016	7:00:00	0	27.149	16.3	2012.2
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8/16/2016	7:30:00	0	27.124	16.3	2012.2
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8/16/2016	8:15:00	0	27.142	16.3	2012.2
8/16/2016	8:30:00	0	27.121	16.3	2012.2
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8/16/2016	11:00:00	0	27.156	16.3	2013.4
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8/16/2016	13:45:00	0	27.073	16.3	2013.4
8/16/2016	14:00:00	0	27.116	16.3	2013.4
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8/16/2016	14:30:00	0	27.126	16.3	2013.4
8/16/2016	14:45:00	0	27.15	16.3	2013.4
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8/16/2016	15:15:00	0	27.119	16.3	2013.4
8/16/2016	15:30:00	0	27.182	16.3	2012.2
8/16/2016	15:45:00	0	27.149	16.3	2013.4
8/16/2016	16:00:00	0	27.089	16.3	2012.2
8/16/2016	16:15:00	0	27.152	16.3	2013.4
8/16/2016	16:30:00	0	27.135	16.3	2012.2
8/16/2016	16:45:00	0	27.134	16.3	2013.4

8/16/2016	17:00:00	0	27.139	16.3	2013.4
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8/16/2016	17:45:00	0	27.124	16.3	2012.2
8/16/2016	18:00:00	0	27.169	16.3	2012.2
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8/16/2016	19:15:00	0	27.171	16.3	2012.2
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8/16/2016	19:45:00	0	27.084	16.3	2012.2
8/16/2016	20:00:00	0	27.164	16.3	2012.2
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8/16/2016	22:00:00	0	27.147	16.3	2012.2
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8/16/2016	22:45:00	0	27.193	16.3	2012.2
8/16/2016	23:00:00	0	27.138	16.3	2012.2
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8/17/2016	0:15:00	0	27.123	16.3	2012.2
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8/17/2016	0:45:00	0	27.144	16.3	2012.2
8/17/2016	1:00:00	0	27.146	16.3	2012.2
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8/17/2016	4:00:00	0	27.184	16.3	2012.2
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8/17/2016	4:30:00	0	27.126	16.3	2013.4

8/17/2016	4:45:00	0	27.146	16.3	2012.2
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8/17/2016	7:00:00	0	27.09	16.3	2012.2
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8/17/2016	7:45:00	0	27.096	16.3	2012.2
8/17/2016	8:00:00	0	27.149	16.3	2012.2
8/17/2016	8:15:00	0	27.143	16.3	2012.2
8/17/2016	8:30:00	0	27.141	16.3	2012.2
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8/17/2016	9:00:00	0	27.103	16.3	2013.4
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8/17/2016	9:30:00	0	27.12	16.3	2013.4
8/17/2016	9:45:00	0	27.123	16.3	2012.2
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8/17/2016	10:30:00	0	27.142	16.3	2013.4
8/17/2016	10:45:00	0	27.123	16.3	2013.4
8/17/2016	11:00:00	0	27.105	16.3	2012.2
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8/17/2016	11:30:00	0	27.106	16.3	2013.4
8/17/2016	11:45:00	0	27.124	16.3	2013.4
8/17/2016	12:00:00	0	27.148	16.3	2012.2
8/17/2016	12:15:00	0	27.128	16.3	2012.2
8/17/2016	12:30:00	0	27.092	16.3	2012.2
8/17/2016	12:45:00	0	27.134	16.3	2012.2
8/17/2016	13:00:00	0	27.099	16.3	2013.4
8/17/2016	13:15:00	0	27.14	16.3	2012.2
8/17/2016	13:30:00	0	27.167	16.3	2012.2
8/17/2016	13:45:00	0	27.128	16.3	2012.2
8/17/2016	14:00:00	0	27.148	16.3	2012.2
8/17/2016	14:15:00	0	27.149	16.3	2012.2
8/17/2016	14:30:00	0	27.173	16.3	2012.2
8/17/2016	14:45:00	0	27.153	16.3	2012.2
8/17/2016	15:00:00	0	27.158	16.3	2012.2
8/17/2016	15:15:00	0	27.18	16.3	2013.4
8/17/2016	15:30:00	0	27.103	16.3	2012.2
8/17/2016	15:45:00	0	27.165	16.3	2012.2
8/17/2016	16:00:00	0	27.151	16.3	2013.4
8/17/2016	16:15:00	0	27.115	16.3	2012.2

8/17/2016	16:30:00	0	27.159	16.3	2012.2
8/17/2016	16:45:00	0	27.14	16.3	2012.2
8/17/2016	17:00:00	0	27.103	16.3	2012.2
8/17/2016	17:15:00	0	27.165	16.3	2012.2
8/17/2016	17:30:00	0	27.126	16.3	2012.2
8/17/2016	17:45:00	0	27.144	16.3	2011.1
8/17/2016	18:00:00	0	27.168	16.3	2012.2
8/17/2016	18:15:00	0	27.171	16.3	2012.2
8/17/2016	18:30:00	0	27.176	16.3	2013.4
8/17/2016	18:45:00	0	27.176	16.3	2012.2
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8/17/2016	19:30:00	0	27.155	16.3	2012.2
8/17/2016	19:45:00	0	27.152	16.3	2012.2
8/17/2016	20:00:00	0	27.148	16.3	2013.4
8/17/2016	20:15:00	0	27.166	16.3	2012.2
8/17/2016	20:30:00	0	27.162	16.3	2013.4
8/17/2016	20:45:00	0	27.157	16.3	2013.4
8/17/2016	21:00:00	0	27.094	16.3	2012.2
8/17/2016	21:15:00	0	27.109	16.3	2013.4
8/17/2016	21:30:00	0	27.148	16.3	2013.4
8/17/2016	21:45:00	0	27.13	16.3	2012.2
8/17/2016	22:00:00	0	27.129	16.3	2012.2
8/17/2016	22:15:00	0	27.092	16.3	2012.2
8/17/2016	22:30:00	0	27.133	16.3	2012.2
8/17/2016	22:45:00	0	27.132	16.3	2013.4
8/17/2016	23:00:00	0	27.192	16.3	2013.4
8/17/2016	23:15:00	0	27.116	16.3	2013.4
8/17/2016	23:30:00	0	27.157	16.3	2012.2
8/17/2016	23:45:00	0	27.171	16.3	2012.2

Serial_number:

1071327

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6D

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

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

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
8/11/2016	0:00:00	0	142.181	16.3	2537
8/11/2016	0:15:00	0	142.159	16.3	2539.4
8/11/2016	0:30:00	0	142.14	16.3	2537
8/11/2016	0:45:00	0	142.139	16.3	2537
8/11/2016	1:00:00	0	142.138	16.3	2538.2
8/11/2016	1:15:00	0	142.136	16.3	2537
8/11/2016	1:30:00	0	142.117	16.3	2539.4
8/11/2016	1:45:00	0	142.159	16.3	2537
8/11/2016	2:00:00	0	142.137	16.3	2538.2
8/11/2016	2:15:00	0	142.116	16.3	2539.4
8/11/2016	2:30:00	0	142.097	16.3	2538.2
8/11/2016	2:45:00	0	142.115	16.3	2539.4
8/11/2016	3:00:00	0	142.153	16.3	2539.4
8/11/2016	3:15:00	0	142.156	16.3	2539.4
8/11/2016	3:30:00	0	142.177	16.3	2538.2
8/11/2016	3:45:00	0	142.18	16.3	2539.4
8/11/2016	4:00:00	0	142.2	16.3	2539.4
8/11/2016	4:15:00	0	142.258	16.3	2539.4
8/11/2016	4:30:00	0	142.28	16.3	2539.4
8/11/2016	4:45:00	0	142.279	16.3	2539.4
8/11/2016	5:00:00	0	142.278	16.3	2540.5
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8/11/2016	5:30:00	0	142.353	16.3	2539.4
8/11/2016	5:45:00	0	142.408	16.3	2539.4
8/11/2016	6:00:00	0	142.419	16.3	2540.5
8/11/2016	6:15:00	0	142.453	16.3	2540.5
8/11/2016	6:30:00	0	142.466	16.3	2540.5
8/11/2016	6:45:00	0	142.441	16.3	2540.5
8/11/2016	7:00:00	0	142.45	16.3	2540.5
8/11/2016	7:15:00	0	142.405	16.3	2540.5
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8/11/2016	7:45:00	0	142.412	16.3	2540.5
8/11/2016	8:00:00	0	142.386	16.3	2540.5
8/11/2016	8:15:00	0	142.383	16.3	2540.5
8/11/2016	8:30:00	0	142.382	16.3	2540.5
8/11/2016	8:45:00	0	142.375	16.3	2540.5
8/11/2016	9:00:00	0	142.391	16.3	2540.5
8/11/2016	9:15:00	0	142.367	16.3	2540.5
8/11/2016	9:30:00	0	142.342	16.3	2546.4
8/11/2016	9:45:00	0	142.339	16.3	2542.9
8/11/2016	10:00:00	0	142.317	16.3	2540.5
8/11/2016	10:15:00	0	142.292	16.3	2542.9
8/11/2016	10:30:00	0	142.294	16.3	2542.9
8/11/2016	10:45:00	0	142.27	16.3	2540.5
8/11/2016	11:00:00	0	142.253	16.3	2540.5
8/11/2016	11:15:00	0	142.212	16.3	2540.5
8/11/2016	11:30:00	0	142.248	16.3	2542.9
8/11/2016	11:45:00	0	142.208	16.3	2542.9
8/11/2016	12:00:00	0	142.208	16.3	2540.5
8/11/2016	12:15:00	0	142.206	16.3	2540.5
8/11/2016	12:30:00	0	142.189	16.3	2540.5
8/11/2016	12:45:00	0	142.147	16.3	2540.5
8/11/2016	13:00:00	0	142.172	16.3	2540.5
8/11/2016	13:15:00	0	142.133	16.3	2540.5
8/11/2016	13:30:00	0	142.133	16.3	2540.5
8/11/2016	13:45:00	0	142.115	16.3	2540.5
8/11/2016	14:00:00	0	142.095	16.3	2539.4
8/11/2016	14:15:00	0	142.017	16.3	2542.9
8/11/2016	14:30:00	0	142.06	16.3	2540.5
8/11/2016	14:45:00	0	142	16.3	2540.5
8/11/2016	15:00:00	0	141.94	16.3	2539.4
8/11/2016	15:15:00	0	141.905	16.3	2542.9
8/11/2016	15:30:00	0	141.808	16.3	2542.9
8/11/2016	15:45:00	0	141.672	16.3	2540.5
8/11/2016	16:00:00	0	141.618	16.3	2544.1
8/11/2016	16:15:00	0	141.562	16.3	2542.9
8/11/2016	16:30:00	0	141.449	16.3	2542.9
8/11/2016	16:45:00	0	141.395	16.3	2542.9
8/11/2016	17:00:00	0	141.36	16.3	2542.9
8/11/2016	17:15:00	0	141.318	16.3	2544.1
8/11/2016	17:30:00	0	141.34	16.3	2544.1
8/11/2016	17:45:00	0	141.244	16.3	2544.1
8/11/2016	18:00:00	0	141.326	16.3	2544.1
8/11/2016	18:15:00	0	141.305	16.3	2544.1
8/11/2016	18:30:00	0	141.368	16.3	2544.1
8/11/2016	18:45:00	0	141.35	16.3	2544.1
8/11/2016	19:00:00	0	141.371	16.3	2542.9
8/11/2016	19:15:00	0	141.391	16.3	2544.1

8/11/2016	19:30:00	0	141.408	16.3	2544.1
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8/11/2016	20:00:00	0	141.484	16.3	2544.1
8/11/2016	20:15:00	0	141.504	16.3	2544.1
8/11/2016	20:30:00	0	141.54	16.3	2544.1
8/11/2016	20:45:00	0	141.596	16.3	2544.1
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8/11/2016	21:30:00	0	141.625	16.3	2544.1
8/11/2016	21:45:00	0	141.703	16.3	2544.1
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8/11/2016	22:15:00	0	141.762	16.3	2544.1
8/11/2016	22:30:00	0	141.784	16.3	2544.1
8/11/2016	22:45:00	0	141.786	16.3	2544.1
8/11/2016	23:00:00	0	141.848	16.3	2542.9
8/11/2016	23:15:00	0	141.903	16.3	2542.9
8/11/2016	23:30:00	0	141.921	16.3	2544.1
8/11/2016	23:45:00	0	141.938	16.3	2544.1
8/12/2016	0:00:00	0	141.978	16.3	2544.1
8/12/2016	0:15:00	0	142.001	16.3	2545.2
8/12/2016	0:30:00	0	142.001	16.3	2544.1
8/12/2016	0:45:00	0	142.061	16.3	2544.1
8/12/2016	1:00:00	0	142.059	16.3	2545.2
8/12/2016	1:15:00	0	142.061	16.3	2544.1
8/12/2016	1:30:00	0	142.101	16.3	2545.2
8/12/2016	1:45:00	0	142.1	16.3	2544.1
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8/12/2016	2:15:00	0	142.186	16.3	2544.1
8/12/2016	2:30:00	0	142.207	16.3	2544.1
8/12/2016	2:45:00	0	142.189	16.3	2544.1
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8/12/2016	3:15:00	0	142.231	16.3	2544.1
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8/12/2016	3:45:00	0	142.293	16.3	2544.1
8/12/2016	4:00:00	0	142.333	16.3	2544.1
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8/12/2016	4:30:00	0	142.393	16.3	2542.9
8/12/2016	4:45:00	0	142.411	16.3	2544.1
8/12/2016	5:00:00	0	142.449	16.3	2544.1
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8/12/2016	5:30:00	0	142.538	16.3	2542.9
8/12/2016	5:45:00	0	142.594	16.3	2542.9
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8/12/2016	6:15:00	0	142.626	16.3	2542.9
8/12/2016	6:30:00	0	142.68	16.3	2544.1
8/12/2016	6:45:00	0	142.654	16.3	2542.9
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8/12/2016	7:45:00	0	142.436	16.3	2542.9
8/12/2016	8:00:00	0	142.393	16.3	2542.9
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8/12/2016	8:45:00	0	142.31	16.3	2542.9
8/12/2016	9:00:00	0	142.231	16.3	2542.9
8/12/2016	9:15:00	0	142.187	16.3	2542.9
8/12/2016	9:30:00	0	142.15	16.3	2542.9
8/12/2016	9:45:00	0	142.112	16.3	2542.9
8/12/2016	10:00:00	0	142.113	16.3	2542.9
8/12/2016	10:15:00	0	142.153	16.3	2544.1
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8/12/2016	11:15:00	0	142.286	16.3	2545.2
8/12/2016	11:30:00	0	142.304	16.3	2545.2
8/12/2016	11:45:00	0	142.304	16.3	2545.2
8/12/2016	12:00:00	0	142.327	16.3	2545.2
8/12/2016	12:15:00	0	142.31	16.3	2545.2
8/12/2016	12:30:00	0	142.329	16.3	2546.4
8/12/2016	12:45:00	0	142.309	16.3	2546.4
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8/12/2016	14:00:00	0	142.148	16.3	2547.6
8/12/2016	14:15:00	0	142.151	16.3	2547.6
8/12/2016	14:30:00	0	142.071	16.3	2549.9
8/12/2016	14:45:00	0	142.05	16.3	2551.1
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8/12/2016	15:15:00	0	141.996	16.3	2551.1
8/12/2016	15:30:00	0	141.975	16.3	2551.1
8/12/2016	15:45:00	0	141.977	16.3	2549.9
8/12/2016	16:00:00	0	141.921	16.3	2551.1
8/12/2016	16:15:00	0	141.865	16.3	2549.9
8/12/2016	16:30:00	0	141.905	16.3	2551.1
8/12/2016	16:45:00	0	141.871	16.3	2549.9
8/12/2016	17:00:00	0	141.86	16.3	2549.9
8/12/2016	17:15:00	0	141.85	16.3	2549.9
8/12/2016	17:30:00	0	141.893	16.3	2549.9
8/12/2016	17:45:00	0	141.863	16.3	2551.1
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8/12/2016	18:15:00	0	141.909	16.3	2549.9
8/12/2016	18:30:00	0	141.915	16.3	2549.9
8/12/2016	18:45:00	0	141.915	16.3	2549.9

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8/12/2016	19:30:00	0	142.021	16.3	2549.9
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8/12/2016	20:15:00	0	142.077	16.3	2549.9
8/12/2016	20:30:00	0	142.094	16.3	2549.9
8/12/2016	20:45:00	0	142.13	16.3	2549.9
8/12/2016	21:00:00	0	142.147	16.3	2547.6
8/12/2016	21:15:00	0	142.201	16.3	2547.6
8/12/2016	21:30:00	0	142.177	16.3	2547.6
8/12/2016	21:45:00	0	142.216	16.3	2549.9
8/12/2016	22:00:00	0	142.213	16.3	2547.6
8/12/2016	22:15:00	0	142.268	16.3	2547.6
8/12/2016	22:30:00	0	142.296	16.3	2547.6
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8/12/2016	23:00:00	0	142.34	16.3	2549.9
8/12/2016	23:15:00	0	142.359	16.3	2547.6
8/12/2016	23:30:00	0	142.326	16.3	2547.6
8/12/2016	23:45:00	0	142.386	16.3	2547.6
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8/13/2016	0:15:00	0	142.404	16.3	2549.9
8/13/2016	0:30:00	0	142.408	16.3	2549.9
8/13/2016	0:45:00	0	142.371	16.3	2547.6
8/13/2016	1:00:00	0	142.449	16.3	2549.9
8/13/2016	1:15:00	0	142.409	16.3	2547.6
8/13/2016	1:30:00	0	142.449	16.3	2547.6
8/13/2016	1:45:00	0	142.553	16.3	2547.6
8/13/2016	2:00:00	0	142.439	16.3	2547.6
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8/13/2016	2:30:00	0	142.526	16.3	2549.9
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8/13/2016	4:00:00	0	142.603	16.3	2549.9
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8/13/2016	5:00:00	0	142.706	16.3	2549.9
8/13/2016	5:15:00	0	142.762	16.3	2551.1
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8/13/2016	6:15:00	0	142.896	16.3	2551.1
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8/13/2016	7:45:00	0	142.652	16.3	2551.1
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8/13/2016	8:15:00	0	142.567	16.3	2551.1
8/13/2016	8:30:00	0	142.526	16.3	2551.1
8/13/2016	8:45:00	0	142.43	16.3	2552.3
8/13/2016	9:00:00	0	142.352	16.3	2551.1
8/13/2016	9:15:00	0	142.231	16.3	2551.1
8/13/2016	9:30:00	0	142.213	16.3	2552.3
8/13/2016	9:45:00	0	142.137	16.3	2552.3
8/13/2016	10:00:00	0	142.06	16.3	2552.3
8/13/2016	10:15:00	0	142.043	16.3	2552.3
8/13/2016	10:30:00	0	141.904	16.3	2552.3
8/13/2016	10:45:00	0	141.885	16.3	2552.3
8/13/2016	11:00:00	0	141.768	16.3	2552.3
8/13/2016	11:15:00	0	141.771	16.3	2552.3
8/13/2016	11:30:00	0	141.735	16.3	2552.3
8/13/2016	11:45:00	0	141.662	16.3	2552.3
8/13/2016	12:00:00	0	141.684	16.3	2552.3
8/13/2016	12:15:00	0	141.688	16.3	2552.3
8/13/2016	12:30:00	0	141.732	16.3	2552.3
8/13/2016	12:45:00	0	141.792	16.3	2552.3
8/13/2016	13:00:00	0	141.753	16.2	2556.6
8/13/2016	13:15:00	0	141.775	16.3	2552.3
8/13/2016	13:30:00	0	141.777	16.3	2552.3
8/13/2016	13:45:00	0	141.834	16.3	2553.4
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8/13/2016	14:15:00	0	141.799	16.3	2553.4
8/13/2016	14:30:00	0	141.781	16.3	2553.4
8/13/2016	14:45:00	0	141.761	16.2	2557.8
8/13/2016	15:00:00	0	141.805	16.3	2554.6
8/13/2016	15:15:00	0	141.827	16.3	2554.6
8/13/2016	15:30:00	0	141.833	16.3	2553.4
8/13/2016	15:45:00	0	141.818	16.3	2554.6
8/13/2016	16:00:00	0	141.841	16.3	2554.6
8/13/2016	16:15:00	0	141.868	16.3	2554.6
8/13/2016	16:30:00	0	141.835	16.3	2554.6
8/13/2016	16:45:00	0	141.894	16.3	2554.6
8/13/2016	17:00:00	0	141.861	16.3	2557
8/13/2016	17:15:00	0	141.904	16.2	2559
8/13/2016	17:30:00	0	141.889	16.3	2557
8/13/2016	17:45:00	0	141.93	16.3	2557
8/13/2016	18:00:00	0	141.915	16.3	2557
8/13/2016	18:15:00	0	141.956	16.2	2561.3

8/13/2016	18:30:00	0	141.958	16.3	2558.1
8/13/2016	18:45:00	0	141.978	16.3	2558.1
8/13/2016	19:00:00	0	141.979	16.3	2558.1
8/13/2016	19:15:00	0	142.017	16.3	2558.1
8/13/2016	19:30:00	0	141.956	16.3	2558.1
8/13/2016	19:45:00	0	141.98	16.2	2563.7
8/13/2016	20:00:00	0	141.991	16.3	2559.3
8/13/2016	20:15:00	0	142.013	16.3	2559.3
8/13/2016	20:30:00	0	142.012	16.3	2559.3
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8/13/2016	21:00:00	0	142.026	16.3	2559.3
8/13/2016	21:15:00	0	141.984	16.3	2559.3
8/13/2016	21:30:00	0	141.98	16.3	2559.3
8/13/2016	21:45:00	0	141.979	16.3	2559.3
8/13/2016	22:00:00	0	142.055	16.3	2559.3
8/13/2016	22:15:00	0	142.059	16.3	2560.5
8/13/2016	22:30:00	0	142.018	16.3	2560.5
8/13/2016	22:45:00	0	142.06	16.3	2560.5
8/13/2016	23:00:00	0	142.023	16.3	2560.5
8/13/2016	23:15:00	0	142.062	16.3	2560.5
8/13/2016	23:30:00	0	142.063	16.3	2561.7
8/13/2016	23:45:00	0	142.083	16.3	2561.7
8/14/2016	0:00:00	0	142.043	16.3	2564
8/14/2016	0:15:00	0	142.043	16.3	2561.7
8/14/2016	0:30:00	0	142.103	16.3	2561.7
8/14/2016	0:45:00	0	142.126	16.3	2564
8/14/2016	1:00:00	0	142.11	16.3	2564
8/14/2016	1:15:00	0	142.171	16.3	2564
8/14/2016	1:30:00	0	142.174	16.3	2564
8/14/2016	1:45:00	0	142.2	16.3	2564
8/14/2016	2:00:00	0	142.222	16.3	2564
8/14/2016	2:15:00	0	142.265	16.3	2565.2
8/14/2016	2:30:00	0	142.287	16.3	2564
8/14/2016	2:45:00	0	142.347	16.3	2564
8/14/2016	3:00:00	0	142.351	16.3	2564
8/14/2016	3:15:00	0	142.41	16.3	2565.2
8/14/2016	3:30:00	0	142.433	16.2	2568.4
8/14/2016	3:45:00	0	142.428	16.3	2564
8/14/2016	4:00:00	0	142.485	16.3	2565.2
8/14/2016	4:15:00	0	142.521	16.3	2565.2
8/14/2016	4:30:00	0	142.542	16.3	2564
8/14/2016	4:45:00	0	142.558	16.3	2564
8/14/2016	5:00:00	0	142.576	16.3	2565.2
8/14/2016	5:15:00	0	142.651	16.3	2564
8/14/2016	5:30:00	0	142.67	16.3	2565.2
8/14/2016	5:45:00	0	142.689	16.3	2565.2
8/14/2016	6:00:00	0	142.706	16.3	2565.2

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8/14/2016	6:30:00	0	142.58	16.3	2565.2
8/14/2016	6:45:00	0	142.536	16.3	2565.2
8/14/2016	7:00:00	0	142.454	16.3	2566.4
8/14/2016	7:15:00	0	142.412	16.3	2566.4
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8/14/2016	8:00:00	0	142.268	16.3	2566.4
8/14/2016	8:15:00	0	142.264	16.2	2571.9
8/14/2016	8:30:00	0	142.185	16.2	2570.7
8/14/2016	8:45:00	0	142.142	16.3	2566.4
8/14/2016	9:00:00	0	142.162	16.3	2566.4
8/14/2016	9:15:00	0	142.115	16.3	2566.4
8/14/2016	9:30:00	0	142.111	16.3	2566.4
8/14/2016	9:45:00	0	142.109	16.3	2567.5
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8/14/2016	10:30:00	0	142.109	16.3	2567.5
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8/14/2016	11:30:00	0	142.177	16.3	2568.7
8/14/2016	11:45:00	0	142.159	16.3	2568.7
8/14/2016	12:00:00	0	142.142	16.3	2568.7
8/14/2016	12:15:00	0	142.126	16.3	2568.7
8/14/2016	12:30:00	0	142.144	16.3	2568.7
8/14/2016	12:45:00	0	142.106	16.3	2568.7
8/14/2016	13:00:00	0	142.093	16.2	2573.1
8/14/2016	13:15:00	0	142.074	16.3	2568.7
8/14/2016	13:30:00	0	142.076	16.2	2575.4
8/14/2016	13:45:00	0	142.058	16.3	2568.7
8/14/2016	14:00:00	0	142.018	16.3	2571.1
8/14/2016	14:15:00	0	142.017	16.3	2568.7
8/14/2016	14:30:00	0	142.006	16.3	2568.7
8/14/2016	14:45:00	0	142.022	16.3	2568.7
8/14/2016	15:00:00	0	141.992	16.3	2571.1
8/14/2016	15:15:00	0	142.014	16.2	2575.4
8/14/2016	15:30:00	0	142.037	16.3	2571.1
8/14/2016	15:45:00	0	141.999	16.3	2571.1
8/14/2016	16:00:00	0	142.019	16.3	2571.1
8/14/2016	16:15:00	0	142	16.3	2572.2
8/14/2016	16:30:00	0	142.024	16.3	2571.1
8/14/2016	16:45:00	0	142.058	16.3	2571.1
8/14/2016	17:00:00	0	142.001	16.3	2572.2
8/14/2016	17:15:00	0	142.079	16.3	2571.1
8/14/2016	17:30:00	0	142.098	16.3	2572.2
8/14/2016	17:45:00	0	142.058	16.3	2572.2

8/14/2016	18:00:00	0	142.138	16.3	2572.2
8/14/2016	18:15:00	0	142.162	16.3	2572.2
8/14/2016	18:30:00	0	142.203	16.3	2572.2
8/14/2016	18:45:00	0	142.3	16.2	2576.6
8/14/2016	19:00:00	0	142.338	16.3	2571.1
8/14/2016	19:15:00	0	142.377	16.3	2573.4
8/14/2016	19:30:00	0	142.475	16.3	2572.2
8/14/2016	19:45:00	0	142.473	16.3	2572.2
8/14/2016	20:00:00	0	142.507	16.3	2572.2
8/14/2016	20:15:00	0	142.567	16.3	2573.4
8/14/2016	20:30:00	0	142.621	16.3	2573.4
8/14/2016	20:45:00	0	142.601	16.3	2573.4
8/14/2016	21:00:00	0	142.67	16.3	2573.4
8/14/2016	21:15:00	0	142.688	16.2	2577.8
8/14/2016	21:30:00	0	142.724	16.3	2573.4
8/14/2016	21:45:00	0	142.746	16.3	2573.4
8/14/2016	22:00:00	0	142.766	16.3	2573.4
8/14/2016	22:15:00	0	142.822	16.3	2573.4
8/14/2016	22:30:00	0	142.821	16.3	2573.4
8/14/2016	22:45:00	0	142.917	16.3	2573.4
8/14/2016	23:00:00	0	142.972	16.3	2572.2
8/14/2016	23:15:00	0	143.013	16.3	2573.4
8/14/2016	23:30:00	0	142.994	16.3	2573.4
8/14/2016	23:45:00	0	143.048	16.3	2573.4
8/15/2016	0:00:00	0	143.049	16.2	2577.8
8/15/2016	0:15:00	0	143.126	16.3	2573.4
8/15/2016	0:30:00	0	143.163	16.3	2573.4
8/15/2016	0:45:00	0	143.161	16.2	2577.8
8/15/2016	1:00:00	0	143.182	16.2	2576.6
8/15/2016	1:15:00	0	143.241	16.2	2577.8
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8/15/2016	1:45:00	0	143.286	16.3	2573.4
8/15/2016	2:00:00	0	143.329	16.3	2573.4
8/15/2016	2:15:00	0	143.326	16.3	2573.4
8/15/2016	2:30:00	0	143.365	16.3	2573.4
8/15/2016	2:45:00	0	143.408	16.3	2574.6
8/15/2016	3:00:00	0	143.41	16.3	2574.6
8/15/2016	3:15:00	0	143.45	16.3	2574.6
8/15/2016	3:30:00	0	143.489	16.3	2574.6
8/15/2016	3:45:00	0	143.55	16.3	2574.6
8/15/2016	4:00:00	0	143.53	16.3	2574.6
8/15/2016	4:15:00	0	143.533	16.3	2574.6
8/15/2016	4:30:00	0	143.569	16.3	2574.6
8/15/2016	4:45:00	0	143.607	16.3	2574.6
8/15/2016	5:00:00	0	143.622	16.3	2574.6
8/15/2016	5:15:00	0	143.681	16.3	2574.6
8/15/2016	5:30:00	0	143.738	16.3	2574.6

8/15/2016	5:45:00	0	143.718	16.3	2575.8
8/15/2016	6:00:00	0	143.853	16.3	2575.8
8/15/2016	6:15:00	0	143.848	16.3	2574.6
8/15/2016	6:30:00	0	143.788	16.3	2574.6
8/15/2016	6:45:00	0	143.706	16.2	2579
8/15/2016	7:00:00	0	143.681	16.3	2575.8
8/15/2016	7:15:00	0	143.596	16.3	2575.8
8/15/2016	7:30:00	0	143.535	16.3	2574.6
8/15/2016	7:45:00	0	143.491	16.3	2575.8
8/15/2016	8:00:00	0	143.39	16.3	2574.6
8/15/2016	8:15:00	0	143.329	16.3	2575.8
8/15/2016	8:30:00	0	143.247	16.2	2580.1
8/15/2016	8:45:00	0	143.205	16.2	2580.1
8/15/2016	9:00:00	0	143.082	16.3	2575.8
8/15/2016	9:15:00	0	143.002	16.3	2575.8
8/15/2016	9:30:00	0	142.896	16.3	2575.8
8/15/2016	9:45:00	0	142.777	16.3	2575.8
8/15/2016	10:00:00	0	142.656	16.2	2582.5
8/15/2016	10:15:00	0	142.557	16.3	2575.8
8/15/2016	10:30:00	0	142.394	16.2	2580.1
8/15/2016	10:45:00	0	142.33	16.3	2575.8
8/15/2016	11:00:00	0	142.174	16.2	2580.1
8/15/2016	11:15:00	0	142.114	16.3	2575.8
8/15/2016	11:30:00	0	142.003	16.3	2575.8
8/15/2016	11:45:00	0	141.964	16.3	2575.8
8/15/2016	12:00:00	0	141.949	16.2	2580.1
8/15/2016	12:15:00	0	141.952	16.2	2579
8/15/2016	12:30:00	0	141.999	16.2	2580.1
8/15/2016	12:45:00	0	141.998	16.2	2580.1
8/15/2016	13:00:00	0	142.019	16.3	2575.8
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8/15/2016	13:30:00	0	142.026	16.3	2575.8
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8/15/2016	14:00:00	0	142.028	16.2	2580.1
8/15/2016	14:15:00	0	142.028	16.2	2582.5
8/15/2016	14:30:00	0	142.066	16.3	2575.8
8/15/2016	14:45:00	0	142.05	16.3	2578.1
8/15/2016	15:00:00	0	142.051	16.3	2578.1
8/15/2016	15:15:00	0	142.097	16.3	2578.1
8/15/2016	15:30:00	0	142.061	16.3	2575.8
8/15/2016	15:45:00	0	142.084	16.2	2580.1
8/15/2016	16:00:00	0	142.069	16.3	2575.8
8/15/2016	16:15:00	0	142.032	16.3	2578.1
8/15/2016	16:30:00	0	142.074	16.3	2578.1
8/15/2016	16:45:00	0	142.019	16.3	2578.1
8/15/2016	17:00:00	0	142.037	16.3	2578.1
8/15/2016	17:15:00	0	141.997	16.3	2578.1

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8/15/2016	17:45:00	0	142.039	16.3	2578.1
8/15/2016	18:00:00	0	142.043	16.2	2582.5
8/15/2016	18:15:00	0	142.047	16.2	2582.5
8/15/2016	18:30:00	0	142.087	16.3	2578.1
8/15/2016	18:45:00	0	142.089	16.2	2582.5
8/15/2016	19:00:00	0	142.087	16.3	2579.3
8/15/2016	19:15:00	0	142.089	16.3	2579.3
8/15/2016	19:30:00	0	142.107	16.3	2579.3
8/15/2016	19:45:00	0	142.142	16.3	2579.3
8/15/2016	20:00:00	0	142.161	16.3	2579.3
8/15/2016	20:15:00	0	142.143	16.3	2579.3
8/15/2016	20:30:00	0	142.14	16.3	2579.3
8/15/2016	20:45:00	0	142.158	16.2	2583.7
8/15/2016	21:00:00	0	142.154	16.2	2584.8
8/15/2016	21:15:00	0	142.172	16.3	2579.3
8/15/2016	21:30:00	0	142.208	16.2	2584.8
8/15/2016	21:45:00	0	142.204	16.2	2584.8
8/15/2016	22:00:00	0	142.227	16.3	2580.5
8/15/2016	22:15:00	0	142.25	16.3	2580.5
8/15/2016	22:30:00	0	142.19	16.3	2580.5
8/15/2016	22:45:00	0	142.173	16.3	2581.6
8/15/2016	23:00:00	0	142.155	16.2	2584.8
8/15/2016	23:15:00	0	142.138	16.2	2584.8
8/15/2016	23:30:00	0	142.12	16.2	2584.8
8/15/2016	23:45:00	0	142.079	16.3	2580.5
8/16/2016	0:00:00	0	142.063	16.3	2581.6
8/16/2016	0:15:00	0	142.059	16.2	2584.8
8/16/2016	0:30:00	0	142.041	16.2	2587.2
8/16/2016	0:45:00	0	142.005	16.2	2584.8
8/16/2016	1:00:00	0	142.03	16.3	2581.6
8/16/2016	1:15:00	0	142.032	16.2	2586
8/16/2016	1:30:00	0	142.033	16.2	2586
8/16/2016	1:45:00	0	142.035	16.3	2581.6
8/16/2016	2:00:00	0	142.016	16.2	2586
8/16/2016	2:15:00	0	142.038	16.2	2587.2
8/16/2016	2:30:00	0	142.101	16.3	2581.6
8/16/2016	2:45:00	0	142.144	16.2	2586
8/16/2016	3:00:00	0	142.102	16.3	2581.6
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8/16/2016	3:30:00	0	142.23	16.2	2586
8/16/2016	3:45:00	0	142.191	16.3	2581.6
8/16/2016	4:00:00	0	142.211	16.3	2581.6
8/16/2016	4:15:00	0	142.239	16.3	2581.6
8/16/2016	4:30:00	0	142.237	16.3	2581.6
8/16/2016	4:45:00	0	142.276	16.2	2586
8/16/2016	5:00:00	0	142.297	16.3	2581.6

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8/16/2016	5:30:00	0	142.391	16.2	2586
8/16/2016	5:45:00	0	142.408	16.3	2582.8
8/16/2016	6:00:00	0	142.403	16.3	2581.6
8/16/2016	6:15:00	0	142.404	16.3	2582.8
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8/16/2016	6:45:00	0	142.291	16.2	2587.2
8/16/2016	7:00:00	0	142.227	16.3	2582.8
8/16/2016	7:15:00	0	142.185	16.3	2582.8
8/16/2016	7:30:00	0	142.144	16.2	2587.2
8/16/2016	7:45:00	0	142.122	16.3	2582.8
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8/16/2016	8:15:00	0	142.004	16.3	2582.8
8/16/2016	8:30:00	0	142.003	16.2	2587.2
8/16/2016	8:45:00	0	142.062	16.2	2587.2
8/16/2016	9:00:00	0	142.079	16.3	2586.3
8/16/2016	9:15:00	0	142.095	16.2	2587.2
8/16/2016	9:30:00	0	142.159	16.2	2587.2
8/16/2016	9:45:00	0	142.143	16.2	2587.2
8/16/2016	10:00:00	0	142.219	16.3	2582.8
8/16/2016	10:15:00	0	142.24	16.3	2585.1
8/16/2016	10:30:00	0	142.278	16.2	2589.6
8/16/2016	10:45:00	0	142.2	16.2	2589.6
8/16/2016	11:00:00	0	142.215	16.2	2589.6
8/16/2016	11:15:00	0	142.151	16.3	2585.1
8/16/2016	11:30:00	0	142.113	16.2	2589.6
8/16/2016	11:45:00	0	142.115	16.3	2585.1
8/16/2016	12:00:00	0	142.132	16.3	2585.1
8/16/2016	12:15:00	0	142.075	16.3	2585.1
8/16/2016	12:30:00	0	141.993	16.3	2585.1
8/16/2016	12:45:00	0	141.953	16.3	2586.3
8/16/2016	13:00:00	0	141.932	16.2	2589.6
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8/16/2016	13:30:00	0	141.855	16.3	2585.1
8/16/2016	13:45:00	0	141.798	16.2	2589.6
8/16/2016	14:00:00	0	141.781	16.2	2590.7
8/16/2016	14:15:00	0	141.767	16.2	2590.7
8/16/2016	14:30:00	0	141.752	16.2	2589.6
8/16/2016	14:45:00	0	141.697	16.2	2589.6
8/16/2016	15:00:00	0	141.721	16.2	2589.6
8/16/2016	15:15:00	0	141.647	16.2	2590.7
8/16/2016	15:30:00	0	141.651	16.3	2586.3
8/16/2016	15:45:00	0	141.598	16.2	2590.7
8/16/2016	16:00:00	0	141.636	16.2	2590.7
8/16/2016	16:15:00	0	141.64	16.2	2590.7
8/16/2016	16:30:00	0	141.604	16.3	2587.5
8/16/2016	16:45:00	0	141.622	16.2	2591.9

8/16/2016	17:00:00	0	141.627	16.2	2591.9
8/16/2016	17:15:00	0	141.668	16.2	2591.9
8/16/2016	17:30:00	0	141.67	16.2	2593.1
8/16/2016	17:45:00	0	141.652	16.3	2588.7
8/16/2016	18:00:00	0	141.696	16.3	2588.7
8/16/2016	18:15:00	0	141.699	16.2	2593.1
8/16/2016	18:30:00	0	141.739	16.3	2588.7
8/16/2016	18:45:00	0	141.72	16.3	2588.7
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8/16/2016	19:30:00	0	141.795	16.3	2591
8/16/2016	19:45:00	0	141.808	16.3	2591
8/16/2016	20:00:00	0	141.888	16.2	2595.4
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8/16/2016	20:30:00	0	141.901	16.2	2593.1
8/16/2016	20:45:00	0	141.939	16.2	2595.4
8/16/2016	21:00:00	0	141.991	16.2	2595.4
8/16/2016	21:15:00	0	142.008	16.2	2595.4
8/16/2016	21:30:00	0	142.083	16.2	2595.4
8/16/2016	21:45:00	0	142.145	16.2	2595.4
8/16/2016	22:00:00	0	142.127	16.2	2595.4
8/16/2016	22:15:00	0	142.109	16.2	2595.4
8/16/2016	22:30:00	0	142.212	16.2	2595.4
8/16/2016	22:45:00	0	142.234	16.3	2591
8/16/2016	23:00:00	0	142.256	16.2	2595.4
8/16/2016	23:15:00	0	142.237	16.2	2595.4
8/16/2016	23:30:00	0	142.278	16.3	2591
8/16/2016	23:45:00	0	142.241	16.3	2591
8/17/2016	0:00:00	0	142.219	16.2	2595.4
8/17/2016	0:15:00	0	142.242	16.3	2591
8/17/2016	0:30:00	0	142.2	16.3	2591
8/17/2016	0:45:00	0	142.223	16.3	2591
8/17/2016	1:00:00	0	142.264	16.3	2591
8/17/2016	1:15:00	0	142.209	16.2	2595.4
8/17/2016	1:30:00	0	142.211	16.2	2596.6
8/17/2016	1:45:00	0	142.234	16.2	2595.4
8/17/2016	2:00:00	0	142.258	16.3	2591
8/17/2016	2:15:00	0	142.267	16.3	2591
8/17/2016	2:30:00	0	142.283	16.2	2595.4
8/17/2016	2:45:00	0	142.329	16.2	2595.4
8/17/2016	3:00:00	0	142.329	16.2	2595.4
8/17/2016	3:15:00	0	142.369	16.3	2591
8/17/2016	3:30:00	0	142.337	16.2	2595.4
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8/17/2016	4:00:00	0	142.361	16.3	2591
8/17/2016	4:15:00	0	142.383	16.2	2595.4
8/17/2016	4:30:00	0	142.441	16.2	2595.4

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8/17/2016	5:15:00	0	142.538	16.3	2592.2
8/17/2016	5:30:00	0	142.579	16.3	2591
8/17/2016	5:45:00	0	142.641	16.2	2595.4
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8/17/2016	6:15:00	0	142.732	16.3	2591
8/17/2016	6:30:00	0	142.764	16.2	2595.4
8/17/2016	6:45:00	0	142.728	16.3	2591
8/17/2016	7:00:00	0	142.622	16.2	2595.4
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8/17/2016	7:30:00	0	142.535	16.3	2591
8/17/2016	7:45:00	0	142.49	16.2	2595.4
8/17/2016	8:00:00	0	142.444	16.2	2596.6
8/17/2016	8:15:00	0	142.458	16.2	2595.4
8/17/2016	8:30:00	0	142.396	16.2	2596.6
8/17/2016	8:45:00	0	142.363	16.3	2591
8/17/2016	9:00:00	0	142.359	16.2	2596.6
8/17/2016	9:15:00	0	142.281	16.2	2596.6
8/17/2016	9:30:00	0	142.258	16.2	2596.6
8/17/2016	9:45:00	0	142.242	16.2	2597.8
8/17/2016	10:00:00	0	142.221	16.2	2596.6
8/17/2016	10:15:00	0	142.143	16.2	2597.8
8/17/2016	10:30:00	0	142.044	16.2	2596.6
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8/17/2016	11:30:00	0	141.81	16.2	2597.8
8/17/2016	11:45:00	0	141.731	16.2	2599
8/17/2016	12:00:00	0	141.656	16.3	2593.4
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8/17/2016	12:30:00	0	141.698	16.2	2597.8
8/17/2016	12:45:00	0	141.741	16.2	2597.8
8/17/2016	13:00:00	0	141.725	16.2	2597.8
8/17/2016	13:15:00	0	141.747	16.2	2597.8
8/17/2016	13:30:00	0	141.773	16.2	2597.8
8/17/2016	13:45:00	0	141.754	16.3	2593.4
8/17/2016	14:00:00	0	141.755	16.2	2597.8
8/17/2016	14:15:00	0	141.736	16.2	2597.8
8/17/2016	14:30:00	0	141.76	16.2	2597.8
8/17/2016	14:45:00	0	141.76	16.2	2599
8/17/2016	15:00:00	0	141.686	16.2	2597.8
8/17/2016	15:15:00	0	141.649	16.2	2597.8
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8/17/2016	15:45:00	0	141.673	16.2	2597.8
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8/17/2016	16:15:00	0	141.722	16.2	2597.8

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8/17/2016	16:45:00	0	141.766	16.2	2599
8/17/2016	17:00:00	0	141.768	16.2	2599
8/17/2016	17:15:00	0	141.791	16.2	2599
8/17/2016	17:30:00	0	141.811	16.2	2600.1
8/17/2016	17:45:00	0	141.849	16.2	2599
8/17/2016	18:00:00	0	141.872	16.2	2600.1
8/17/2016	18:15:00	0	141.895	16.2	2600.1
8/17/2016	18:30:00	0	141.979	16.2	2599
8/17/2016	18:45:00	0	141.979	16.3	2595.7
8/17/2016	19:00:00	0	142.022	16.3	2594.5
8/17/2016	19:15:00	0	142	16.3	2595.7
8/17/2016	19:30:00	0	141.978	16.2	2599
8/17/2016	19:45:00	0	142.014	16.2	2600.1
8/17/2016	20:00:00	0	141.991	16.2	2600.1
8/17/2016	20:15:00	0	142.008	16.2	2600.1
8/17/2016	20:30:00	0	142.044	16.2	2600.1
8/17/2016	20:45:00	0	142.019	16.2	2602.5
8/17/2016	21:00:00	0	142.035	16.2	2602.5
8/17/2016	21:15:00	0	142.05	16.3	2599.2
8/17/2016	21:30:00	0	142.069	16.2	2602.5
8/17/2016	21:45:00	0	142.051	16.2	2603.7
8/17/2016	22:00:00	0	142.109	16.2	2602.5
8/17/2016	22:15:00	0	142.131	16.2	2602.5
8/17/2016	22:30:00	0	142.133	16.2	2602.5
8/17/2016	22:45:00	0	142.191	16.2	2602.5
8/17/2016	23:00:00	0	142.133	16.2	2602.5
8/17/2016	23:15:00	0	142.136	16.2	2602.5
8/17/2016	23:30:00	0	142.098	16.2	2603.7
8/17/2016	23:45:00	0	142.112	16.2	2602.5

Report Date: 8/19/2016 12:29:38 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-6M LT Test_2016-08-18_14-06-30-878-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 0.999

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

Log Notes:

Date and Time	Note
2/17/2016 5:06:11 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 5:50:59 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 5:45:00 PM
2/17/2016 5:53:06 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:45:00 PM
2/18/2016 10:20:27 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 9:31:30 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05:22 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 1/31/2016 10:30:00 PM Stop Time: 3/3/2016 11:30:00 AM
3/10/2016 2:06:02 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 3:14:55 PM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 4:00:00 PM
3/24/2016 8:15:42 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 2:13:33 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:00:00 PM
4/7/2016 8:45:41 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 1:30:00 PM
4/14/2016 8:24:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:00:00 AM
4/21/2016 8:37:28 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 8:30:00 AM
4/28/2016 9:52:18 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:30:00 AM
5/5/2016 7:43:20 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 8:05:00 AM
5/12/2016 8:17:34 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 2:30:00 PM
5/12/2016 8:20:59 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 8:15:00 AM
5/19/2016 11:18:20 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 1:00:00 PM
5/19/2016 11:22:24 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 11:45:00 AM
5/26/2016 8:04:01 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:45:00 PM
6/2/2016 9:56:39 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 4:15:00 PM
6/9/2016 8:06:48 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 5:30:00 PM
6/16/2016 9:25:57 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
6/16/2016 9:30:04 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/7/2016 11:30:00 PM Stop Time: 6/16/2016 9:15:00 AM

6/16/2016 9:32:36 AM Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval -
 Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:15:00 AM
 6/23/2016 8:39:02 AM Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval -
 Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
 7/1/2016 10:10:06 AM Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval -
 Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:15:00 AM
 7/8/2016 10:40:51 AM Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval -
 Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
 7/14/2016 4:49:05 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval -
 Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:45:00 PM
 7/21/2016 4:10:15 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:45:00 PM
 7/28/2016 4:57:55 PM Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval -
 Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:30:00 PM
 8/4/2016 2:05:41 PM Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval -
 Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:00:00 PM
 8/11/2016 9:44:02 AM Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval -
 Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 5:00:00 PM
 8/18/2016 2:05:31 PM Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval -
 Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:50:00 PM
 8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP
 Barotroll_Append_2016-08-18_18-17-40-005.wsl"

Log Data:

Record Count: 737

Sensors: 2

1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
8/11/2016 12:00:00 AM	7200.000	53.860	16.962	124.362
1254.735	1482.295	0.751	1.008	796.981
0.999	14.708			
8/11/2016 12:15:00 AM	8100.000	53.851	16.961	124.339
1253.337	1480.698	0.750	1.007	797.870
0.999	14.716			
8/11/2016 12:30:00 AM	9000.000	53.869	16.963	124.381
1250.346	1477.097	0.749	1.004	799.779

0.999	14.713			
8/11/2016 12:45:00 AM	9900.000	53.853	16.963	124.346
1255.154	1482.760	0.752	1.008	796.715
0.999	14.715			
8/11/2016 1:00:00 AM	10800.000	53.864	16.963	124.371
1252.813	1480.003	0.750	1.006	798.204
0.999	14.718			
8/11/2016 1:15:00 AM	11700.000	53.854	16.960	124.348
1252.233	1479.417	0.750	1.006	798.574
0.999	14.711			
8/11/2016 1:30:00 AM	12600.000	53.852	16.960	124.344
1254.654	1482.283	0.751	1.008	797.033
0.999	14.715			
8/11/2016 1:45:00 AM	13500.000	53.858	16.959	124.357
1254.093	1481.653	0.751	1.008	797.389
0.999	14.713			
8/11/2016 2:00:00 AM	14400.000	53.854	16.964	124.347
1252.642	1479.781	0.750	1.006	798.313
0.999	14.715			
8/11/2016 2:15:00 AM	15300.000	53.870	16.962	124.384
1251.456	1478.420	0.749	1.005	799.070
0.999	14.714			
8/11/2016 2:30:00 AM	16200.000	53.857	16.959	124.354
1255.451	1483.264	0.752	1.009	796.526
0.999	14.717			
8/11/2016 2:45:00 AM	17100.000	53.874	16.960	124.393
1252.669	1479.942	0.750	1.006	798.295
0.999	14.716			
8/11/2016 3:00:00 AM	18000.000	53.862	16.960	124.365
1254.552	1482.148	0.751	1.008	797.098
0.999	14.718			
8/11/2016 3:15:00 AM	18900.000	53.863	16.959	124.369
1257.427	1485.577	0.753	1.010	795.275
0.999	14.715			
8/11/2016 3:30:00 AM	19800.000	53.881	16.961	124.411
1253.880	1481.323	0.751	1.007	797.524
0.999	14.714			
8/11/2016 3:45:00 AM	20700.000	53.871	16.962	124.386
1252.950	1480.203	0.750	1.007	798.117
0.999	14.714			
8/11/2016 4:00:00 AM	21600.000	53.874	16.956	124.393
1254.218	1481.886	0.751	1.008	797.310
0.999	14.713			
8/11/2016 4:15:00 AM	22500.000	53.878	16.961	124.402
1254.684	1482.278	0.751	1.008	797.014
0.999	14.715			
8/11/2016 4:30:00 AM	23400.000	53.888	16.962	124.426
1251.846	1478.907	0.750	1.006	798.820
0.999	14.710			
8/11/2016 4:45:00 AM	24300.000	53.898	16.960	124.449
1254.635	1482.268	0.751	1.008	797.044
0.999	14.709			
8/11/2016 5:00:00 AM	25200.000	53.901	16.966	124.455
1252.460	1479.487	0.750	1.006	798.429

0.999	14.713			
8/11/2016 5:15:00 AM	26100.000	53.907	16.963	124.471
1251.611	1478.595	0.749	1.005	798.970
0.999	14.721			
8/11/2016 5:30:00 AM	27000.000	53.943	16.958	124.553
1254.358	1481.990	0.751	1.008	797.220
0.999	14.713			
8/11/2016 5:45:00 AM	27900.000	53.938	16.959	124.541
1256.205	1484.149	0.752	1.009	796.048
0.999	14.713			
8/11/2016 6:00:00 AM	28800.000	53.946	16.958	124.560
1256.514	1484.540	0.753	1.009	795.853
0.999	14.718			
8/11/2016 6:15:00 AM	29700.000	53.956	16.959	124.582
1255.070	1482.805	0.752	1.008	796.768
0.999	14.723			
8/11/2016 6:30:00 AM	30600.000	53.970	16.958	124.614
1253.128	1480.545	0.750	1.007	798.003
0.999	14.718			
8/11/2016 6:45:00 AM	31500.000	53.974	16.959	124.625
1256.039	1483.934	0.752	1.009	796.154
0.999	14.728			
8/11/2016 7:00:00 AM	32400.000	53.975	16.962	124.627
1255.458	1483.172	0.752	1.009	796.522
0.999	14.732			
8/11/2016 7:15:00 AM	33300.000	53.987	16.961	124.655
1254.020	1481.505	0.751	1.007	797.435
0.999	14.733			
8/11/2016 7:30:00 AM	34200.000	53.996	16.960	124.675
1253.141	1480.487	0.750	1.007	797.995
0.999	14.734			
8/11/2016 7:45:00 AM	35100.000	54.005	16.961	124.696
1252.757	1480.001	0.750	1.006	798.240
0.999	14.740			
8/11/2016 8:00:00 AM	36000.000	53.998	16.955	124.681
1254.684	1482.490	0.751	1.008	797.013
0.999	14.745			
8/11/2016 8:15:00 AM	36900.000	53.985	16.959	124.649
1253.339	1480.757	0.750	1.007	797.869
0.999	14.744			
8/11/2016 8:30:00 AM	37800.000	53.974	16.957	124.624
1252.971	1480.374	0.750	1.007	798.103
0.999	14.748			
8/11/2016 8:45:00 AM	38700.000	53.964	16.961	124.601
1254.818	1482.425	0.751	1.008	796.928
0.999	14.746			
8/11/2016 9:00:00 AM	39600.000	53.972	16.958	124.620
1257.832	1486.105	0.753	1.011	795.019
0.999	14.748			
8/11/2016 9:15:00 AM	40500.000	53.944	16.958	124.554
1257.003	1485.112	0.753	1.010	795.543
0.999	14.750			
8/11/2016 9:30:00 AM	41400.000	53.932	16.959	124.527
1254.000	1481.537	0.751	1.007	797.448

0.999	14.753			
8/11/2016 9:45:00 AM	42300.000	53.918	16.964	124.495
1252.797	1479.940	0.750	1.006	798.214
0.999	14.754			
8/11/2016 10:00:00 AM	43200.000	53.905	16.964	124.466
1249.056	1475.542	0.748	1.003	800.604
0.999	14.758			
8/11/2016 10:15:00 AM	44100.000	53.898	16.966	124.449
1251.056	1477.833	0.749	1.005	799.325
0.999	14.756			
8/11/2016 10:30:00 AM	45000.000	53.883	16.966	124.413
1250.504	1477.171	0.749	1.004	799.677
0.999	14.759			
8/11/2016 10:45:00 AM	45900.000	53.872	16.966	124.388
1251.250	1478.052	0.749	1.005	799.201
0.999	14.760			
8/11/2016 11:00:00 AM	46800.000	53.860	16.965	124.360
1249.816	1476.405	0.748	1.004	800.118
0.999	14.762			
8/11/2016 11:15:00 AM	47700.000	53.869	16.967	124.383
1248.508	1474.771	0.747	1.003	800.956
0.999	14.756			
8/11/2016 11:30:00 AM	48600.000	53.856	16.965	124.353
1249.591	1476.131	0.748	1.004	800.262
0.999	14.756			
8/11/2016 11:45:00 AM	49500.000	53.824	16.966	124.278
1251.565	1478.430	0.749	1.005	799.000
0.999	14.762			
8/11/2016 12:00:00 PM	50400.000	53.818	16.964	124.264
1250.348	1477.047	0.749	1.004	799.778
0.999	14.760			
8/11/2016 12:15:00 PM	51300.000	53.808	16.966	124.240
1251.788	1478.682	0.749	1.006	798.857
0.999	14.760			
8/11/2016 12:30:00 PM	52200.000	53.797	16.968	124.216
1251.605	1478.406	0.749	1.005	798.974
0.999	14.757			
8/11/2016 12:45:00 PM	53100.000	53.801	16.965	124.225
1249.096	1475.560	0.748	1.003	800.579
0.999	14.759			
8/11/2016 1:00:00 PM	54000.000	53.793	16.970	124.206
1248.826	1475.057	0.747	1.003	800.752
0.999	14.758			
8/11/2016 1:15:00 PM	54900.000	53.774	16.967	124.161
1248.649	1474.947	0.747	1.003	800.866
0.999	14.750			
8/11/2016 1:30:00 PM	55800.000	53.758	16.968	124.125
1250.487	1477.104	0.749	1.004	799.688
0.999	14.759			
8/11/2016 1:45:00 PM	56700.000	53.767	16.969	124.145
1248.690	1474.934	0.747	1.003	800.839
0.999	14.752			
8/11/2016 2:00:00 PM	57600.000	53.746	16.967	124.098
1248.274	1474.522	0.747	1.003	801.106

0.999	14.760			
8/11/2016 2:15:00 PM	58500.000	53.726	16.966	124.051
1248.422	1474.717	0.747	1.003	801.011
0.999	14.758			
8/11/2016 2:30:00 PM	59400.000	53.733	16.968	124.067
1249.404	1475.818	0.748	1.004	800.382
0.999	14.755			
8/11/2016 2:45:00 PM	60300.000	53.710	16.966	124.014
1246.725	1472.709	0.746	1.001	802.102
0.999	14.764			
8/11/2016 3:00:00 PM	61200.000	53.711	16.964	124.018
1248.375	1474.729	0.747	1.003	801.041
0.999	14.755			
8/11/2016 3:15:00 PM	62100.000	53.705	16.967	124.003
1250.372	1476.976	0.748	1.004	799.762
0.999	14.753			
8/11/2016 3:30:00 PM	63000.000	53.695	16.965	123.980
1250.139	1476.763	0.748	1.004	799.911
0.999	14.754			
8/11/2016 3:45:00 PM	63900.000	53.674	16.966	123.932
1251.766	1478.672	0.749	1.005	798.872
0.999	14.751			
8/11/2016 4:00:00 PM	64800.000	53.673	16.968	123.929
1249.985	1476.502	0.748	1.004	800.009
0.999	14.747			
8/11/2016 4:15:00 PM	65700.000	53.676	16.962	123.937
1249.363	1475.948	0.748	1.004	800.408
0.999	14.754			
8/11/2016 4:30:00 PM	66600.000	53.664	16.964	123.909
1251.087	1477.947	0.749	1.005	799.305
0.999	14.746			
8/11/2016 4:45:00 PM	67500.000	53.680	16.964	123.946
1251.800	1478.762	0.749	1.006	798.850
0.999	14.747			
8/11/2016 5:00:00 PM	68400.000	53.677	16.966	123.939
1249.143	1475.568	0.748	1.003	800.549
0.999	14.747			
8/11/2016 5:15:00 PM	69300.000	53.672	16.962	123.926
1249.739	1476.413	0.748	1.004	800.167
0.999	14.741			
8/11/2016 5:30:00 PM	70200.000	53.665	16.961	123.911
1250.107	1476.865	0.748	1.004	799.931
0.999	14.746			
8/11/2016 5:45:00 PM	71100.000	53.666	16.962	123.914
1247.692	1473.991	0.747	1.002	801.480
0.999	14.742			
8/11/2016 6:00:00 PM	72000.000	53.666	16.960	123.914
1249.313	1475.957	0.748	1.004	800.440
0.999	14.741			
8/11/2016 6:15:00 PM	72900.000	53.662	16.958	123.904
1251.923	1479.124	0.750	1.006	798.771
0.999	14.744			
8/11/2016 6:30:00 PM	73800.000	53.671	16.958	123.924
1254.896	1482.617	0.751	1.008	796.879

0.999	14.741			
8/11/2016 6:45:00 PM	74700.000	53.677	16.962	123.938
1248.699	1475.164	0.748	1.003	800.834
0.999	14.735			
8/11/2016 7:00:00 PM	75600.000	53.679	16.959	123.943
1251.297	1478.349	0.749	1.005	799.171
0.999	14.739			
8/11/2016 7:15:00 PM	76500.000	53.685	16.959	123.957
1248.477	1475.018	0.747	1.003	800.976
0.999	14.739			
8/11/2016 7:30:00 PM	77400.000	53.703	16.959	123.998
1246.960	1473.209	0.746	1.002	801.950
0.999	14.741			
8/11/2016 7:45:00 PM	78300.000	53.715	16.960	124.027
1248.984	1475.585	0.748	1.003	800.651
0.999	14.738			
8/11/2016 8:00:00 PM	79200.000	53.706	16.957	124.007
1250.903	1477.958	0.749	1.005	799.422
0.999	14.739			
8/11/2016 8:15:00 PM	80100.000	53.702	16.957	123.997
1250.610	1477.584	0.749	1.005	799.610
0.999	14.746			
8/11/2016 8:30:00 PM	81000.000	53.710	16.960	124.016
1251.385	1478.421	0.749	1.005	799.115
0.999	14.744			
8/11/2016 8:45:00 PM	81900.000	53.728	16.959	124.056
1249.852	1476.654	0.748	1.004	800.095
0.999	14.739			
8/11/2016 9:00:00 PM	82800.000	53.750	16.963	124.108
1249.350	1475.927	0.748	1.004	800.416
0.999	14.739			
8/11/2016 9:15:00 PM	83700.000	53.742	16.962	124.090
1250.447	1477.240	0.749	1.005	799.714
0.999	14.743			
8/11/2016 9:30:00 PM	84600.000	53.743	16.962	124.091
1252.182	1479.295	0.750	1.006	798.606
0.999	14.749			
8/11/2016 9:45:00 PM	85500.000	53.753	16.961	124.115
1253.051	1480.366	0.750	1.007	798.052
0.999	14.748			
8/11/2016 10:00:00 PM	86400.000	53.762	16.960	124.134
1250.134	1476.949	0.748	1.004	799.914
0.999	14.747			
8/11/2016 10:15:00 PM	87300.000	53.765	16.961	124.142
1249.881	1476.609	0.748	1.004	800.076
0.999	14.748			
8/11/2016 10:30:00 PM	88200.000	53.773	16.960	124.161
1251.256	1478.255	0.749	1.005	799.197
0.999	14.745			
8/11/2016 10:45:00 PM	89100.000	53.794	16.958	124.210
1252.830	1480.188	0.750	1.007	798.193
0.999	14.748			
8/11/2016 11:00:00 PM	90000.000	53.786	16.959	124.191
1253.442	1480.876	0.751	1.007	797.803

0.999	14.743			
8/11/2016 11:15:00 PM	90900.000	53.797	16.961	124.216
1250.557	1477.397	0.749	1.005	799.644
0.999	14.747			
8/11/2016 11:30:00 PM	91800.000	53.802	16.963	124.226
1250.349	1477.104	0.749	1.004	799.777
0.999	14.748			
8/11/2016 11:45:00 PM	92700.000	53.825	16.961	124.279
1251.982	1479.095	0.750	1.006	798.733
0.999	14.747			
8/12/2016 12:00:00 AM	93600.000	53.818	16.958	124.264
1252.258	1479.528	0.750	1.006	798.558
0.999	14.748			
8/12/2016 12:15:00 AM	94500.000	53.839	16.961	124.312
1251.552	1478.575	0.749	1.005	799.008
0.999	14.748			
8/12/2016 12:30:00 AM	95400.000	53.838	16.962	124.309
1251.019	1477.913	0.749	1.005	799.348
0.999	14.749			
8/12/2016 12:45:00 AM	96300.000	53.828	16.960	124.287
1253.547	1480.955	0.751	1.007	797.737
0.999	14.750			
8/12/2016 1:00:00 AM	97200.000	53.839	16.960	124.313
1253.170	1480.537	0.750	1.007	797.976
0.999	14.746			
8/12/2016 1:15:00 AM	98100.000	53.847	16.959	124.332
1250.904	1477.891	0.749	1.005	799.422
0.999	14.744			
8/12/2016 1:30:00 AM	99000.000	53.853	16.960	124.344
1253.666	1481.110	0.751	1.007	797.661
0.999	14.746			
8/12/2016 1:45:00 AM	99900.000	53.855	16.958	124.349
1250.789	1477.785	0.749	1.005	799.495
0.999	14.749			
8/12/2016 2:00:00 AM	100800.000	53.868	16.964	124.380
1251.867	1478.851	0.749	1.006	798.807
0.999	14.743			
8/12/2016 2:15:00 AM	101700.000	53.876	16.961	124.399
1253.057	1480.348	0.750	1.007	798.048
0.999	14.744			
8/12/2016 2:30:00 AM	102600.000	53.880	16.961	124.408
1253.788	1481.225	0.751	1.007	797.583
0.999	14.746			
8/12/2016 2:45:00 AM	103500.000	53.888	16.964	124.425
1253.404	1480.675	0.750	1.007	797.827
0.999	14.742			
8/12/2016 3:00:00 AM	104400.000	53.905	16.963	124.465
1254.281	1481.740	0.751	1.008	797.270
0.999	14.736			
8/12/2016 3:15:00 AM	105300.000	53.909	16.963	124.474
1256.829	1484.754	0.753	1.010	795.653
0.999	14.736			
8/12/2016 3:30:00 AM	106200.000	53.911	16.963	124.479
1254.059	1481.488	0.751	1.007	797.410

0.999	14.744			
8/12/2016 3:45:00 AM	107100.000	53.921	16.964	124.501
1253.719	1481.047	0.751	1.007	797.627
0.999	14.739			
8/12/2016 4:00:00 AM	108000.000	53.942	16.962	124.551
1256.449	1484.343	0.752	1.009	795.894
0.999	14.743			
8/12/2016 4:15:00 AM	108900.000	53.946	16.961	124.559
1252.775	1480.013	0.750	1.006	798.228
0.999	14.736			
8/12/2016 4:30:00 AM	109800.000	53.948	16.961	124.565
1255.041	1482.700	0.752	1.008	796.787
0.999	14.742			
8/12/2016 4:45:00 AM	110700.000	53.975	16.963	124.627
1255.963	1483.724	0.752	1.009	796.202
0.999	14.737			
8/12/2016 5:00:00 AM	111600.000	53.970	16.965	124.616
1254.605	1482.064	0.751	1.008	797.064
0.999	14.742			
8/12/2016 5:15:00 AM	112500.000	53.977	16.963	124.631
1252.521	1479.643	0.750	1.006	798.390
0.999	14.744			
8/12/2016 5:30:00 AM	113400.000	53.999	16.967	124.682
1254.362	1481.707	0.751	1.008	797.218
0.999	14.746			
8/12/2016 5:45:00 AM	114300.000	54.009	16.961	124.706
1255.135	1482.829	0.752	1.008	796.727
0.999	14.748			
8/12/2016 6:00:00 AM	115200.000	54.003	16.965	124.690
1254.771	1482.246	0.751	1.008	796.958
0.999	14.751			
8/12/2016 6:15:00 AM	116100.000	54.035	16.962	124.764
1253.278	1480.578	0.750	1.007	797.908
0.999	14.745			
8/12/2016 6:30:00 AM	117000.000	54.027	16.966	124.746
1256.080	1483.764	0.752	1.009	796.127
0.999	14.750			
8/12/2016 6:45:00 AM	117900.000	54.038	16.965	124.771
1254.057	1481.397	0.751	1.007	797.412
0.999	14.751			
8/12/2016 7:00:00 AM	118800.000	54.042	16.964	124.781
1252.239	1479.290	0.750	1.006	798.570
0.999	14.755			
8/12/2016 7:15:00 AM	119700.000	54.048	16.964	124.795
1252.627	1479.752	0.750	1.006	798.322
0.999	14.758			
8/12/2016 7:30:00 AM	120600.000	54.070	16.966	124.847
1255.347	1482.888	0.752	1.008	796.593
0.999	14.760			
8/12/2016 7:45:00 AM	121500.000	54.069	16.962	124.843
1252.490	1479.642	0.750	1.006	798.410
0.999	14.765			
8/12/2016 8:00:00 AM	122400.000	54.075	16.961	124.857
1252.923	1480.198	0.750	1.007	798.134

0.999	14.758			
8/12/2016 8:15:00 AM	123300.000	54.050	16.964	124.799
1254.220	1481.639	0.751	1.008	797.308
0.999	14.768			
8/12/2016 8:30:00 AM	124200.000	54.070	16.963	124.847
1249.249	1475.804	0.748	1.004	800.481
0.999	14.763			
8/12/2016 8:45:00 AM	125100.000	54.060	16.963	124.822
1250.414	1477.175	0.749	1.004	799.735
0.999	14.759			
8/12/2016 9:00:00 AM	126000.000	54.066	16.962	124.836
1248.370	1474.784	0.747	1.003	801.044
0.999	14.761			
8/12/2016 9:15:00 AM	126900.000	54.042	16.962	124.781
1248.961	1475.479	0.748	1.003	800.665
0.999	14.764			
8/12/2016 9:30:00 AM	127800.000	54.033	16.962	124.759
1252.039	1479.124	0.750	1.006	798.697
0.999	14.765			
8/12/2016 9:45:00 AM	128700.000	54.021	16.959	124.733
1250.459	1477.340	0.749	1.005	799.706
0.999	14.764			
8/12/2016 10:00:00 AM	129600.000	54.023	16.963	124.737
1249.708	1476.323	0.748	1.004	800.187
0.999	14.768			
8/12/2016 10:15:00 AM	130500.000	54.002	16.962	124.689
1252.315	1479.456	0.750	1.006	798.521
0.999	14.766			
8/12/2016 10:30:00 AM	131400.000	54.003	16.962	124.692
1248.860	1475.383	0.748	1.003	800.730
0.999	14.759			
8/12/2016 10:45:00 AM	132300.000	53.989	16.961	124.658
1248.941	1475.502	0.748	1.003	800.679
0.999	14.766			
8/12/2016 11:00:00 AM	133200.000	53.978	16.964	124.635
1248.285	1474.619	0.747	1.003	801.099
0.999	14.770			
8/12/2016 11:15:00 AM	134100.000	53.976	16.967	124.629
1243.551	1468.934	0.744	0.999	804.149
0.999	14.767			
8/12/2016 11:30:00 AM	135000.000	53.977	16.963	124.632
1247.446	1473.669	0.747	1.002	801.638
0.999	14.764			
8/12/2016 11:45:00 AM	135900.000	53.987	16.963	124.654
1250.095	1476.787	0.748	1.004	799.939
0.999	14.763			
8/12/2016 12:00:00 PM	136800.000	53.964	16.964	124.601
1250.437	1477.164	0.749	1.004	799.720
0.999	14.768			
8/12/2016 12:15:00 PM	137700.000	53.960	16.967	124.591
1251.305	1478.091	0.749	1.005	799.165
0.999	14.767			
8/12/2016 12:30:00 PM	138600.000	53.971	16.966	124.617
1251.687	1478.579	0.749	1.005	798.922

0.999	14.769			
8/12/2016 12:45:00 PM	139500.000	53.969	16.967	124.612
1250.718	1477.412	0.749	1.005	799.541
0.999	14.767			
8/12/2016 1:00:00 PM	140400.000	53.955	16.965	124.581
1249.817	1476.411	0.748	1.004	800.117
0.999	14.764			
8/12/2016 1:15:00 PM	141300.000	53.952	16.968	124.574
1250.681	1477.304	0.749	1.005	799.564
0.999	14.758			
8/12/2016 1:30:00 PM	142200.000	53.950	16.966	124.569
1249.501	1475.992	0.748	1.004	800.320
0.999	14.760			
8/12/2016 1:45:00 PM	143100.000	53.945	16.965	124.557
1249.365	1475.874	0.748	1.004	800.407
0.999	14.760			
8/12/2016 2:00:00 PM	144000.000	53.948	16.964	124.564
1249.345	1475.865	0.748	1.004	800.420
0.999	14.763			
8/12/2016 2:15:00 PM	144900.000	53.925	16.964	124.511
1250.004	1476.641	0.748	1.004	799.997
0.999	14.760			
8/12/2016 2:30:00 PM	145800.000	53.923	16.964	124.508
1250.168	1476.832	0.748	1.004	799.893
0.999	14.761			
8/12/2016 2:45:00 PM	146700.000	53.914	16.963	124.486
1250.532	1477.297	0.749	1.005	799.660
0.999	14.759			
8/12/2016 3:00:00 PM	147600.000	53.904	16.966	124.462
1250.649	1477.347	0.749	1.005	799.585
0.999	14.759			
8/12/2016 3:15:00 PM	148500.000	53.906	16.966	124.467
1246.705	1472.688	0.746	1.001	802.115
0.999	14.757			
8/12/2016 3:30:00 PM	149400.000	53.883	16.967	124.415
1248.907	1475.260	0.748	1.003	800.700
0.999	14.758			
8/12/2016 3:45:00 PM	150300.000	53.889	16.964	124.427
1249.166	1475.651	0.748	1.003	800.534
0.999	14.753			
8/12/2016 4:00:00 PM	151200.000	53.860	16.966	124.361
1248.875	1475.252	0.748	1.003	800.721
0.999	14.761			
8/12/2016 4:15:00 PM	152100.000	53.859	16.965	124.359
1251.715	1478.627	0.749	1.005	798.904
0.999	14.753			
8/12/2016 4:30:00 PM	153000.000	53.854	16.964	124.347
1248.723	1475.139	0.748	1.003	800.818
0.999	14.753			
8/12/2016 4:45:00 PM	153900.000	53.854	16.963	124.347
1249.221	1475.751	0.748	1.004	800.499
0.999	14.751			
8/12/2016 5:00:00 PM	154800.000	53.851	16.962	124.340
1250.453	1477.238	0.749	1.005	799.710

0.999	14.749			
8/12/2016 5:15:00 PM	155700.000	53.852	16.965	124.343
1247.661	1473.844	0.747	1.002	801.500
0.999	14.745			
8/12/2016 5:30:00 PM	156600.000	53.861	16.965	124.364
1248.492	1474.820	0.747	1.003	800.966
0.999	14.746			
8/12/2016 5:45:00 PM	157500.000	53.853	16.962	124.345
1249.887	1476.596	0.748	1.004	800.072
0.999	14.735			
8/12/2016 6:00:00 PM	158400.000	53.864	16.961	124.370
1250.900	1477.816	0.749	1.005	799.425
0.999	14.737			
8/12/2016 6:15:00 PM	159300.000	53.859	16.961	124.359
1251.958	1479.058	0.750	1.006	798.749
0.999	14.733			
8/12/2016 6:30:00 PM	160200.000	53.852	16.963	124.342
1253.075	1480.327	0.750	1.007	798.037
0.999	14.735			
8/12/2016 6:45:00 PM	161100.000	53.859	16.960	124.359
1253.748	1481.220	0.751	1.007	797.608
0.999	14.732			
8/12/2016 7:00:00 PM	162000.000	53.866	16.958	124.376
1253.748	1481.260	0.751	1.007	797.609
0.999	14.730			
8/12/2016 7:15:00 PM	162900.000	53.865	16.961	124.374
1252.071	1479.196	0.750	1.006	798.677
0.999	14.732			
8/12/2016 7:30:00 PM	163800.000	53.866	16.962	124.376
1250.388	1477.182	0.749	1.004	799.752
0.999	14.732			
8/12/2016 7:45:00 PM	164700.000	53.876	16.960	124.397
1252.599	1479.852	0.750	1.006	798.340
0.999	14.724			
8/12/2016 8:00:00 PM	165600.000	53.879	16.964	124.405
1248.311	1474.658	0.747	1.003	801.083
0.999	14.728			
8/12/2016 8:15:00 PM	166500.000	53.879	16.962	124.405
1248.797	1475.288	0.748	1.003	800.771
0.999	14.734			
8/12/2016 8:30:00 PM	167400.000	53.885	16.960	124.418
1248.694	1475.245	0.748	1.003	800.837
0.999	14.734			
8/12/2016 8:45:00 PM	168300.000	53.890	16.960	124.431
1250.872	1477.798	0.749	1.005	799.442
0.999	14.735			
8/12/2016 9:00:00 PM	169200.000	53.901	16.962	124.456
1250.799	1477.648	0.749	1.005	799.489
0.999	14.734			
8/12/2016 9:15:00 PM	170100.000	53.903	16.959	124.460
1248.371	1474.881	0.747	1.003	801.044
0.999	14.736			
8/12/2016 9:30:00 PM	171000.000	53.904	16.964	124.462
1250.280	1476.967	0.748	1.004	799.821

0.999	14.741			
8/12/2016 9:45:00 PM	171900.000	53.918	16.964	124.494
1250.792	1477.575	0.749	1.005	799.494
0.999	14.739			
8/12/2016 10:00:00 PM	172800.000	53.946	16.961	124.560
1251.909	1479.005	0.750	1.006	798.780
0.999	14.737			
8/12/2016 10:15:00 PM	173700.000	53.948	16.962	124.565
1254.231	1481.696	0.751	1.008	797.301
0.999	14.744			
8/12/2016 10:30:00 PM	174600.000	53.952	16.959	124.574
1254.218	1481.801	0.751	1.008	797.309
0.999	14.746			
8/12/2016 10:45:00 PM	175500.000	53.966	16.962	124.605
1253.624	1481.000	0.751	1.007	797.687
0.999	14.737			
8/12/2016 11:00:00 PM	176400.000	53.956	16.961	124.582
1250.186	1476.979	0.748	1.004	799.881
0.999	14.739			
8/12/2016 11:15:00 PM	177300.000	53.979	16.963	124.635
1253.685	1481.034	0.751	1.007	797.649
0.999	14.739			
8/12/2016 11:30:00 PM	178200.000	53.969	16.961	124.614
1254.160	1481.656	0.751	1.008	797.347
0.999	14.738			
8/12/2016 11:45:00 PM	179100.000	53.993	16.961	124.669
1254.635	1482.235	0.751	1.008	797.045
0.999	14.733			
8/13/2016 12:00:00 AM	180000.000	53.989	16.962	124.658
1252.672	1479.884	0.750	1.006	798.294
0.999	14.732			
8/13/2016 12:15:00 AM	180900.000	53.989	16.965	124.658
1251.553	1478.459	0.749	1.005	799.008
0.999	14.735			
8/13/2016 12:30:00 AM	181800.000	54.013	16.961	124.715
1251.663	1478.718	0.749	1.006	798.937
0.999	14.732			
8/13/2016 12:45:00 AM	182700.000	54.020	16.964	124.730
1254.956	1482.506	0.751	1.008	796.840
0.999	14.731			
8/13/2016 1:00:00 AM	183600.000	54.008	16.967	124.703
1255.907	1483.523	0.752	1.009	796.237
0.999	14.728			
8/13/2016 1:15:00 AM	184500.000	54.015	16.962	124.719
1252.926	1480.181	0.750	1.007	798.132
0.999	14.731			
8/13/2016 1:30:00 AM	185400.000	54.014	16.963	124.716
1256.106	1483.909	0.752	1.009	796.111
0.999	14.737			
8/13/2016 1:45:00 AM	186300.000	54.026	16.965	124.745
1255.870	1483.550	0.752	1.009	796.261
0.999	14.728			
8/13/2016 2:00:00 AM	187200.000	54.027	16.962	124.747
1253.637	1481.003	0.751	1.007	797.679

0.999	14.726			
8/13/2016 2:15:00 AM	188100.000	54.031	16.965	124.756
1252.464	1479.539	0.750	1.006	798.426
0.999	14.729			
8/13/2016 2:30:00 AM	189000.000	54.037	16.965	124.769
1250.874	1477.636	0.749	1.005	799.441
0.999	14.725			
8/13/2016 2:45:00 AM	189900.000	54.044	16.965	124.786
1254.923	1482.432	0.751	1.008	796.862
0.999	14.719			
8/13/2016 3:00:00 AM	190800.000	54.045	16.964	124.789
1253.070	1480.281	0.750	1.007	798.040
0.999	14.723			
8/13/2016 3:15:00 AM	191700.000	54.049	16.966	124.796
1254.702	1482.135	0.751	1.008	797.002
0.999	14.723			
8/13/2016 3:30:00 AM	192600.000	54.052	16.963	124.805
1253.767	1481.134	0.751	1.007	797.596
0.999	14.722			
8/13/2016 3:45:00 AM	193500.000	54.073	16.966	124.852
1252.926	1480.052	0.750	1.006	798.131
0.999	14.723			
8/13/2016 4:00:00 AM	194400.000	54.082	16.962	124.874
1253.609	1480.988	0.751	1.007	797.697
0.999	14.718			
8/13/2016 4:15:00 AM	195300.000	54.083	16.963	124.876
1254.260	1481.704	0.751	1.008	797.283
0.999	14.718			
8/13/2016 4:30:00 AM	196200.000	54.084	16.965	124.879
1252.146	1479.165	0.750	1.006	798.629
0.999	14.712			
8/13/2016 4:45:00 AM	197100.000	54.083	16.963	124.876
1253.465	1480.779	0.751	1.007	797.789
0.999	14.716			
8/13/2016 5:00:00 AM	198000.000	54.094	16.962	124.902
1254.289	1481.782	0.751	1.008	797.265
0.999	14.713			
8/13/2016 5:15:00 AM	198900.000	54.097	16.961	124.909
1255.143	1482.832	0.752	1.008	796.722
0.999	14.716			
8/13/2016 5:30:00 AM	199800.000	54.101	16.964	124.918
1254.309	1481.753	0.751	1.008	797.252
0.999	14.717			
8/13/2016 5:45:00 AM	200700.000	54.109	16.966	124.936
1254.609	1482.028	0.751	1.008	797.061
0.999	14.716			
8/13/2016 6:00:00 AM	201600.000	54.115	16.964	124.950
1255.639	1483.324	0.752	1.009	796.407
0.999	14.720			
8/13/2016 6:15:00 AM	202500.000	54.138	16.963	125.003
1252.802	1479.988	0.750	1.006	798.211
0.999	14.716			
8/13/2016 6:30:00 AM	203400.000	54.127	16.969	124.978
1255.546	1483.035	0.752	1.008	796.466

0.999	14.715			
8/13/2016 6:45:00 AM	204300.000	54.129	16.962	124.982
1253.112	1480.391	0.750	1.007	798.013
0.999	14.717			
8/13/2016 7:00:00 AM	205200.000	54.127	16.964	124.978
1254.252	1481.685	0.751	1.008	797.288
0.999	14.724			
8/13/2016 7:15:00 AM	206100.000	54.127	16.962	124.976
1253.172	1480.469	0.750	1.007	797.975
0.999	14.722			
8/13/2016 7:30:00 AM	207000.000	54.124	16.958	124.970
1256.112	1484.062	0.752	1.009	796.107
0.999	14.730			
8/13/2016 7:45:00 AM	207900.000	54.117	16.964	124.956
1256.076	1483.840	0.752	1.009	796.130
0.999	14.733			
8/13/2016 8:00:00 AM	208800.000	54.123	16.963	124.968
1252.249	1479.322	0.750	1.006	798.563
0.999	14.730			
8/13/2016 8:15:00 AM	209700.000	54.119	16.965	124.959
1251.837	1478.792	0.749	1.006	798.826
0.999	14.732			
8/13/2016 8:30:00 AM	210600.000	54.116	16.967	124.952
1248.703	1475.002	0.747	1.003	800.831
0.999	14.731			
8/13/2016 8:45:00 AM	211500.000	54.113	16.963	124.946
1250.066	1476.767	0.748	1.004	799.958
0.999	14.730			
8/13/2016 9:00:00 AM	212400.000	54.101	16.963	124.917
1247.990	1474.318	0.747	1.003	801.288
0.999	14.733			
8/13/2016 9:15:00 AM	213300.000	54.097	16.959	124.908
1248.495	1475.036	0.747	1.003	800.964
0.999	14.734			
8/13/2016 9:30:00 AM	214200.000	54.101	16.962	124.917
1249.466	1476.087	0.748	1.004	800.342
0.999	14.730			
8/13/2016 9:45:00 AM	215100.000	54.076	16.964	124.860
1248.716	1475.135	0.748	1.003	800.822
0.999	14.731			
8/13/2016 10:00:00 AM	216000.000	54.079	16.963	124.867
1248.456	1474.862	0.747	1.003	800.989
0.999	14.728			
8/13/2016 10:15:00 AM	216900.000	54.069	16.961	124.844
1248.405	1474.865	0.747	1.003	801.022
0.999	14.728			
8/13/2016 10:30:00 AM	217800.000	54.046	16.962	124.791
1248.849	1475.368	0.748	1.003	800.737
0.999	14.727			
8/13/2016 10:45:00 AM	218700.000	54.049	16.961	124.797
1248.399	1474.847	0.747	1.003	801.026
0.999	14.728			
8/13/2016 11:00:00 AM	219600.000	54.025	16.963	124.741
1247.021	1473.165	0.746	1.002	801.911

0.999	14.730			
8/13/2016 11:15:00 AM	220500.000	54.013	16.963	124.715
1248.730	1475.171	0.748	1.003	800.814
0.999	14.730			
8/13/2016 11:30:00 AM	221400.000	54.012	16.960	124.713
1248.074	1474.511	0.747	1.003	801.234
0.999	14.727			
8/13/2016 11:45:00 AM	222300.000	54.023	16.960	124.738
1249.524	1476.208	0.748	1.004	800.305
0.999	14.722			
8/13/2016 12:00:00 PM	223200.000	54.000	16.961	124.684
1248.724	1475.234	0.748	1.003	800.817
0.999	14.724			
8/13/2016 12:15:00 PM	224100.000	54.016	16.959	124.721
1248.799	1475.387	0.748	1.003	800.770
0.999	14.721			
8/13/2016 12:30:00 PM	225000.000	53.991	16.963	124.664
1246.526	1472.577	0.746	1.001	802.229
0.999	14.723			
8/13/2016 12:45:00 PM	225900.000	54.002	16.961	124.689
1248.369	1474.809	0.747	1.003	801.045
0.999	14.721			
8/13/2016 1:00:00 PM	226800.000	53.994	16.961	124.670
1250.389	1477.193	0.749	1.004	799.751
0.999	14.723			
8/13/2016 1:15:00 PM	227700.000	53.978	16.961	124.634
1249.642	1476.333	0.748	1.004	800.229
0.999	14.717			
8/13/2016 1:30:00 PM	228600.000	53.971	16.961	124.618
1249.503	1476.146	0.748	1.004	800.318
0.999	14.717			
8/13/2016 1:45:00 PM	229500.000	53.978	16.962	124.634
1248.643	1475.094	0.747	1.003	800.870
0.999	14.714			
8/13/2016 2:00:00 PM	230400.000	53.958	16.961	124.587
1251.122	1478.061	0.749	1.005	799.283
0.999	14.716			
8/13/2016 2:15:00 PM	231300.000	53.962	16.965	124.596
1247.498	1473.663	0.747	1.002	801.605
0.999	14.718			
8/13/2016 2:30:00 PM	232200.000	53.946	16.963	124.561
1250.235	1476.955	0.748	1.004	799.850
0.999	14.717			
8/13/2016 2:45:00 PM	233100.000	53.944	16.963	124.555
1249.290	1475.844	0.748	1.004	800.455
0.999	14.714			
8/13/2016 3:00:00 PM	234000.000	53.938	16.965	124.542
1249.764	1476.351	0.748	1.004	800.151
0.999	14.711			
8/13/2016 3:15:00 PM	234900.000	53.932	16.964	124.527
1249.582	1476.167	0.748	1.004	800.267
0.999	14.713			
8/13/2016 3:30:00 PM	235800.000	53.930	16.964	124.522
1247.673	1473.890	0.747	1.002	801.492

0.999	14.710			
8/13/2016 3:45:00 PM	236700.000	53.922	16.964	124.503
1247.935	1474.197	0.747	1.002	801.324
0.999	14.706			
8/13/2016 4:00:00 PM	237600.000	53.918	16.964	124.494
1246.256	1472.225	0.746	1.001	802.403
0.999	14.706			
8/13/2016 4:15:00 PM	238500.000	53.915	16.963	124.488
1248.157	1474.505	0.747	1.003	801.182
0.999	14.703			
8/13/2016 4:30:00 PM	239400.000	53.912	16.963	124.482
1251.323	1478.258	0.749	1.005	799.154
0.999	14.699			
8/13/2016 4:45:00 PM	240300.000	53.908	16.965	124.472
1250.379	1477.072	0.749	1.004	799.758
0.999	14.697			
8/13/2016 5:00:00 PM	241200.000	53.917	16.965	124.492
1249.055	1475.503	0.748	1.003	800.605
0.999	14.697			
8/13/2016 5:15:00 PM	242100.000	53.903	16.964	124.461
1249.341	1475.884	0.748	1.004	800.422
0.999	14.694			
8/13/2016 5:30:00 PM	243000.000	53.898	16.966	124.448
1249.529	1476.039	0.748	1.004	800.302
0.999	14.695			
8/13/2016 5:45:00 PM	243900.000	53.897	16.962	124.445
1250.026	1476.728	0.748	1.004	799.984
0.999	14.690			
8/13/2016 6:00:00 PM	244800.000	53.895	16.962	124.441
1252.303	1479.442	0.750	1.006	798.529
0.999	14.689			
8/13/2016 6:15:00 PM	245700.000	53.890	16.961	124.430
1252.476	1479.669	0.750	1.006	798.419
0.999	14.689			
8/13/2016 6:30:00 PM	246600.000	53.884	16.960	124.417
1255.021	1482.721	0.752	1.008	796.799
0.999	14.689			
8/13/2016 6:45:00 PM	247500.000	53.883	16.961	124.415
1252.121	1479.262	0.750	1.006	798.645
0.999	14.690			
8/13/2016 7:00:00 PM	248400.000	53.880	16.961	124.407
1251.714	1478.776	0.749	1.006	798.904
0.999	14.693			
8/13/2016 7:15:00 PM	249300.000	53.871	16.959	124.386
1253.538	1480.991	0.751	1.007	797.742
0.999	14.695			
8/13/2016 7:30:00 PM	250200.000	53.879	16.958	124.405
1250.118	1476.998	0.749	1.004	799.924
0.999	14.690			
8/13/2016 7:45:00 PM	251100.000	53.874	16.957	124.392
1251.349	1478.461	0.749	1.005	799.138
0.999	14.687			
8/13/2016 8:00:00 PM	252000.000	53.883	16.961	124.413
1250.424	1477.263	0.749	1.005	799.729

0.999	14.688			
8/13/2016 8:15:00 PM	252900.000	53.869	16.959	124.382
1250.984	1477.963	0.749	1.005	799.371
0.999	14.686			
8/13/2016 8:30:00 PM	253800.000	53.868	16.958	124.380
1251.677	1478.822	0.749	1.006	798.928
0.999	14.688			
8/13/2016 8:45:00 PM	254700.000	53.868	16.959	124.380
1251.630	1478.737	0.749	1.006	798.958
0.999	14.692			
8/13/2016 9:00:00 PM	255600.000	53.880	16.962	124.408
1250.762	1477.621	0.749	1.005	799.513
0.999	14.691			
8/13/2016 9:15:00 PM	256500.000	53.864	16.961	124.371
1252.284	1479.432	0.750	1.006	798.541
0.999	14.693			
8/13/2016 9:30:00 PM	257400.000	53.865	16.962	124.372
1251.728	1478.771	0.749	1.006	798.895
0.999	14.693			
8/13/2016 9:45:00 PM	258300.000	53.870	16.958	124.385
1252.337	1479.599	0.750	1.006	798.507
0.999	14.692			
8/13/2016 10:00:00 PM	259200.000	53.882	16.960	124.411
1251.478	1478.511	0.749	1.005	799.055
0.999	14.696			
8/13/2016 10:15:00 PM	260100.000	53.885	16.960	124.419
1250.398	1477.250	0.749	1.005	799.745
0.999	14.697			
8/13/2016 10:30:00 PM	261000.000	53.869	16.959	124.383
1254.622	1482.278	0.751	1.008	797.053
0.999	14.698			
8/13/2016 10:45:00 PM	261900.000	53.886	16.958	124.422
1250.477	1477.396	0.749	1.005	799.695
0.999	14.697			
8/13/2016 11:00:00 PM	262800.000	53.891	16.961	124.433
1252.778	1480.033	0.750	1.006	798.226
0.999	14.695			
8/13/2016 11:15:00 PM	263700.000	53.889	16.963	124.427
1252.150	1479.205	0.750	1.006	798.626
0.999	14.697			
8/13/2016 11:30:00 PM	264600.000	53.882	16.961	124.411
1253.066	1480.372	0.750	1.007	798.043
0.999	14.693			
8/13/2016 11:45:00 PM	265500.000	53.887	16.959	124.423
1251.766	1478.886	0.750	1.006	798.871
0.999	14.692			
8/14/2016 12:00:00 AM	266400.000	53.886	16.961	124.421
1251.162	1478.117	0.749	1.005	799.257
0.999	14.694			
8/14/2016 12:15:00 AM	267300.000	53.889	16.961	124.427
1249.152	1475.737	0.748	1.004	800.543
0.999	14.693			
8/14/2016 12:30:00 AM	268200.000	53.893	16.962	124.438
1251.852	1478.886	0.750	1.006	798.816

0.999	14.692			
8/14/2016 12:45:00 AM	269100.000	53.898	16.963	124.448
1254.861	1482.431	0.751	1.008	796.901
0.999	14.690			
8/14/2016 1:00:00 AM	270000.000	53.897	16.962	124.447
1250.980	1477.859	0.749	1.005	799.373
0.999	14.694			
8/14/2016 1:15:00 AM	270900.000	53.906	16.964	124.466
1252.294	1479.355	0.750	1.006	798.534
0.999	14.690			
8/14/2016 1:30:00 AM	271800.000	53.930	16.962	124.523
1252.967	1480.209	0.750	1.007	798.106
0.999	14.689			
8/14/2016 1:45:00 AM	272700.000	53.917	16.961	124.494
1252.985	1480.271	0.750	1.007	798.094
0.999	14.691			
8/14/2016 2:00:00 AM	273600.000	53.941	16.959	124.548
1252.837	1480.151	0.750	1.007	798.189
0.999	14.688			
8/14/2016 2:15:00 AM	274500.000	53.946	16.963	124.561
1252.831	1480.013	0.750	1.006	798.192
0.999	14.687			
8/14/2016 2:30:00 AM	275400.000	53.941	16.962	124.547
1255.441	1483.152	0.752	1.009	796.533
0.999	14.686			
8/14/2016 2:45:00 AM	276300.000	53.951	16.962	124.571
1256.233	1484.064	0.752	1.009	796.031
0.999	14.683			
8/14/2016 3:00:00 AM	277200.000	53.963	16.964	124.598
1253.829	1481.186	0.751	1.007	797.557
0.999	14.679			
8/14/2016 3:15:00 AM	278100.000	53.985	16.964	124.650
1255.063	1482.629	0.751	1.008	796.773
0.999	14.676			
8/14/2016 3:30:00 AM	279000.000	53.973	16.960	124.623
1254.671	1482.289	0.751	1.008	797.022
0.999	14.680			
8/14/2016 3:45:00 AM	279900.000	54.005	16.965	124.695
1255.938	1483.627	0.752	1.009	796.218
0.999	14.678			
8/14/2016 4:00:00 AM	280800.000	54.006	16.963	124.699
1254.762	1482.314	0.751	1.008	796.964
0.999	14.684			
8/14/2016 4:15:00 AM	281700.000	54.000	16.966	124.684
1253.551	1480.773	0.751	1.007	797.734
0.999	14.684			
8/14/2016 4:30:00 AM	282600.000	54.008	16.966	124.704
1254.683	1482.113	0.751	1.008	797.014
0.999	14.684			
8/14/2016 4:45:00 AM	283500.000	54.020	16.963	124.731
1255.127	1482.725	0.752	1.008	796.732
0.999	14.683			
8/14/2016 5:00:00 AM	284400.000	54.033	16.962	124.760
1255.103	1482.747	0.752	1.008	796.747

0.999	14.681			
8/14/2016 5:15:00 AM	285300.000	54.035	16.964	124.766
1254.671	1482.171	0.751	1.008	797.022
0.999	14.687			
8/14/2016 5:30:00 AM	286200.000	54.047	16.961	124.792
1255.334	1483.046	0.752	1.008	796.601
0.999	14.685			
8/14/2016 5:45:00 AM	287100.000	54.056	16.961	124.815
1256.873	1484.864	0.753	1.010	795.626
0.999	14.689			
8/14/2016 6:00:00 AM	288000.000	54.062	16.960	124.828
1256.739	1484.750	0.753	1.010	795.710
0.999	14.687			
8/14/2016 6:15:00 AM	288900.000	54.067	16.963	124.838
1257.015	1484.970	0.753	1.010	795.536
0.999	14.697			
8/14/2016 6:30:00 AM	289800.000	54.094	16.964	124.901
1256.954	1484.877	0.753	1.010	795.574
0.999	14.692			
8/14/2016 6:45:00 AM	290700.000	54.086	16.960	124.883
1255.553	1483.326	0.752	1.009	796.462
0.999	14.693			
8/14/2016 7:00:00 AM	291600.000	54.092	16.961	124.897
1253.516	1480.886	0.751	1.007	797.756
0.999	14.696			
8/14/2016 7:15:00 AM	292500.000	54.104	16.962	124.924
1255.583	1483.302	0.752	1.009	796.443
0.999	14.700			
8/14/2016 7:30:00 AM	293400.000	54.125	16.964	124.972
1253.776	1481.097	0.751	1.007	797.591
0.999	14.689			
8/14/2016 7:45:00 AM	294300.000	54.104	16.961	124.924
1256.033	1483.881	0.752	1.009	796.157
0.999	14.697			
8/14/2016 8:00:00 AM	295200.000	54.107	16.962	124.930
1252.453	1479.611	0.750	1.006	798.433
0.999	14.695			
8/14/2016 8:15:00 AM	296100.000	54.103	16.960	124.922
1248.980	1475.566	0.748	1.003	800.653
0.999	14.702			
8/14/2016 8:30:00 AM	297000.000	54.108	16.957	124.933
1254.287	1481.929	0.751	1.008	797.266
0.999	14.702			
8/14/2016 8:45:00 AM	297900.000	54.102	16.958	124.919
1252.280	1479.535	0.750	1.006	798.543
0.999	14.704			
8/14/2016 9:00:00 AM	298800.000	54.103	16.959	124.921
1251.371	1478.444	0.749	1.005	799.123
0.999	14.703			
8/14/2016 9:15:00 AM	299700.000	54.102	16.959	124.921
1250.170	1477.000	0.749	1.004	799.891
0.999	14.703			
8/14/2016 9:30:00 AM	300600.000	54.105	16.964	124.927
1249.317	1475.835	0.748	1.004	800.438

0.999	14.701			
8/14/2016 9:45:00 AM	301500.000	54.117	16.963	124.954
1249.336	1475.904	0.748	1.004	800.425
0.999	14.705			
8/14/2016 10:00:00 AM	302400.000	54.094	16.964	124.902
1249.487	1476.057	0.748	1.004	800.328
0.999	14.711			
8/14/2016 10:15:00 AM	303300.000	54.094	16.965	124.900
1248.693	1475.071	0.747	1.003	800.838
0.999	14.712			
8/14/2016 10:30:00 AM	304200.000	54.099	16.962	124.913
1249.044	1475.583	0.748	1.003	800.612
0.999	14.704			
8/14/2016 10:45:00 AM	305100.000	54.092	16.961	124.897
1250.542	1477.373	0.749	1.005	799.654
0.999	14.709			
8/14/2016 11:00:00 AM	306000.000	54.101	16.962	124.917
1248.704	1475.199	0.748	1.003	800.830
0.999	14.708			
8/14/2016 11:15:00 AM	306900.000	54.092	16.964	124.897
1250.527	1477.265	0.749	1.005	799.663
0.999	14.704			
8/14/2016 11:30:00 AM	307800.000	54.088	16.964	124.888
1248.018	1474.304	0.747	1.003	801.270
0.999	14.703			
8/14/2016 11:45:00 AM	308700.000	54.090	16.960	124.892
1251.920	1479.053	0.750	1.006	798.773
0.999	14.703			
8/14/2016 12:00:00 PM	309600.000	54.082	16.964	124.873
1250.846	1477.633	0.749	1.005	799.459
0.999	14.706			
8/14/2016 12:15:00 PM	310500.000	54.080	16.962	124.868
1249.463	1476.063	0.748	1.004	800.344
0.999	14.703			
8/14/2016 12:30:00 PM	311400.000	54.096	16.963	124.907
1249.326	1475.878	0.748	1.004	800.432
0.999	14.699			
8/14/2016 12:45:00 PM	312300.000	54.072	16.963	124.851
1249.596	1476.212	0.748	1.004	800.258
0.999	14.704			
8/14/2016 1:00:00 PM	313200.000	54.078	16.965	124.865
1249.531	1476.077	0.748	1.004	800.300
0.999	14.695			
8/14/2016 1:15:00 PM	314100.000	54.078	16.965	124.865
1247.238	1473.360	0.747	1.002	801.771
0.999	14.701			
8/14/2016 1:30:00 PM	315000.000	54.064	16.964	124.831
1251.834	1478.818	0.749	1.006	798.828
0.999	14.698			
8/14/2016 1:45:00 PM	315900.000	54.053	16.965	124.808
1248.544	1474.890	0.747	1.003	800.933
0.999	14.705			
8/14/2016 2:00:00 PM	316800.000	54.056	16.962	124.813
1249.780	1476.455	0.748	1.004	800.141

0.999	14.699			
8/14/2016 2:15:00 PM	317700.000	54.066	16.962	124.836
1249.622	1476.272	0.748	1.004	800.242
0.999	14.691			
8/14/2016 2:30:00 PM	318600.000	54.051	16.962	124.802
1249.928	1476.644	0.748	1.004	800.046
0.999	14.697			
8/14/2016 2:45:00 PM	319500.000	54.070	16.961	124.845
1250.111	1476.870	0.748	1.004	799.929
0.999	14.698			
8/14/2016 3:00:00 PM	320400.000	54.052	16.964	124.805
1249.694	1476.298	0.748	1.004	800.196
0.999	14.691			
8/14/2016 3:15:00 PM	321300.000	54.056	16.966	124.813
1246.647	1472.626	0.746	1.001	802.151
0.999	14.690			
8/14/2016 3:30:00 PM	322200.000	54.063	16.963	124.829
1249.694	1476.304	0.748	1.004	800.196
0.999	14.691			
8/14/2016 3:45:00 PM	323100.000	54.064	16.963	124.832
1250.471	1477.239	0.749	1.005	799.699
0.999	14.692			
8/14/2016 4:00:00 PM	324000.000	54.071	16.962	124.849
1248.922	1475.432	0.748	1.003	800.691
0.999	14.686			
8/14/2016 4:15:00 PM	324900.000	54.062	16.962	124.827
1249.472	1476.076	0.748	1.004	800.338
0.999	14.693			
8/14/2016 4:30:00 PM	325800.000	54.059	16.965	124.820
1250.480	1477.181	0.749	1.004	799.693
0.999	14.683			
8/14/2016 4:45:00 PM	326700.000	54.059	16.962	124.820
1248.256	1474.649	0.747	1.003	801.118
0.999	14.685			
8/14/2016 5:00:00 PM	327600.000	54.067	16.963	124.840
1251.641	1478.622	0.749	1.005	798.951
0.999	14.691			
8/14/2016 5:15:00 PM	328500.000	54.060	16.961	124.822
1251.519	1478.533	0.749	1.005	799.029
0.999	14.689			
8/14/2016 5:30:00 PM	329400.000	54.065	16.959	124.834
1251.112	1478.113	0.749	1.005	799.289
0.999	14.686			
8/14/2016 5:45:00 PM	330300.000	54.069	16.959	124.843
1250.910	1477.892	0.749	1.005	799.418
0.999	14.686			
8/14/2016 6:00:00 PM	331200.000	54.072	16.958	124.850
1252.109	1479.338	0.750	1.006	798.652
0.999	14.688			
8/14/2016 6:15:00 PM	332100.000	54.078	16.957	124.865
1253.663	1481.203	0.751	1.007	797.663
0.999	14.688			
8/14/2016 6:30:00 PM	333000.000	54.078	16.961	124.864
1251.242	1478.221	0.749	1.005	799.206

0.999	14.684			
8/14/2016 6:45:00 PM	333900.000	54.084	16.959	124.879
1252.907	1480.255	0.750	1.007	798.144
0.999	14.683			
8/14/2016 7:00:00 PM	334800.000	54.106	16.957	124.930
1253.421	1480.906	0.751	1.007	797.816
0.999	14.685			
8/14/2016 7:15:00 PM	335700.000	54.097	16.961	124.908
1252.278	1479.433	0.750	1.006	798.545
0.999	14.687			
8/14/2016 7:30:00 PM	336600.000	54.102	16.961	124.921
1254.125	1481.632	0.751	1.008	797.369
0.999	14.686			
8/14/2016 7:45:00 PM	337500.000	54.111	16.957	124.941
1252.794	1480.168	0.750	1.007	798.216
0.999	14.686			
8/14/2016 8:00:00 PM	338400.000	54.121	16.960	124.963
1252.639	1479.886	0.750	1.006	798.315
0.999	14.689			
8/14/2016 8:15:00 PM	339300.000	54.125	16.961	124.973
1254.261	1481.787	0.751	1.008	797.282
0.999	14.688			
8/14/2016 8:30:00 PM	340200.000	54.119	16.957	124.960
1253.887	1481.471	0.751	1.007	797.520
0.999	14.694			
8/14/2016 8:45:00 PM	341100.000	54.133	16.961	124.990
1250.907	1477.816	0.749	1.005	799.420
0.999	14.690			
8/14/2016 9:00:00 PM	342000.000	54.137	16.959	125.001
1252.474	1479.740	0.750	1.006	798.420
0.999	14.700			
8/14/2016 9:15:00 PM	342900.000	54.146	16.960	125.021
1253.234	1480.600	0.750	1.007	797.936
0.999	14.696			
8/14/2016 9:30:00 PM	343800.000	54.168	16.963	125.073
1255.130	1482.749	0.752	1.008	796.730
0.999	14.698			
8/14/2016 9:45:00 PM	344700.000	54.164	16.963	125.064
1253.407	1480.720	0.750	1.007	797.825
0.999	14.698			
8/14/2016 10:00:00 PM	345600.000	54.165	16.962	125.064
1252.185	1479.308	0.750	1.006	798.604
0.999	14.699			
8/14/2016 10:15:00 PM	346500.000	54.190	16.964	125.123
1254.239	1481.661	0.751	1.008	797.296
0.999	14.698			
8/14/2016 10:30:00 PM	347400.000	54.184	16.958	125.109
1255.859	1483.754	0.752	1.009	796.268
0.999	14.700			
8/14/2016 10:45:00 PM	348300.000	54.187	16.962	125.116
1255.523	1483.235	0.752	1.009	796.481
0.999	14.700			
8/14/2016 11:00:00 PM	349200.000	54.208	16.959	125.164
1250.674	1477.626	0.749	1.005	799.569

0.999	14.701			
8/14/2016 11:15:00 PM	350100.000	54.208	16.962	125.165
1252.652	1479.845	0.750	1.006	798.306
0.999	14.700			
8/14/2016 11:30:00 PM	351000.000	54.233	16.962	125.222
1252.498	1479.654	0.750	1.006	798.405
0.999	14.700			
8/14/2016 11:45:00 PM	351900.000	54.232	16.963	125.219
1254.444	1481.944	0.751	1.008	797.166
0.999	14.698			
8/15/2016 12:00:00 AM	352800.000	54.245	16.963	125.250
1254.757	1482.308	0.751	1.008	796.967
0.999	14.705			
8/15/2016 12:15:00 AM	353700.000	54.240	16.962	125.239
1255.981	1483.784	0.752	1.009	796.190
0.999	14.703			
8/15/2016 12:30:00 AM	354600.000	54.253	16.961	125.267
1254.185	1481.683	0.751	1.008	797.330
0.999	14.704			
8/15/2016 12:45:00 AM	355500.000	54.254	16.962	125.271
1254.735	1482.321	0.751	1.008	796.981
0.999	14.712			
8/15/2016 1:00:00 AM	356400.000	54.266	16.963	125.298
1254.332	1481.783	0.751	1.008	797.237
0.999	14.706			
8/15/2016 1:15:00 AM	357300.000	54.273	16.963	125.316
1253.813	1481.188	0.751	1.007	797.567
0.999	14.709			
8/15/2016 1:30:00 AM	358200.000	54.288	16.959	125.349
1257.407	1485.560	0.753	1.010	795.288
0.999	14.707			
8/15/2016 1:45:00 AM	359100.000	54.293	16.962	125.362
1258.408	1486.654	0.754	1.011	794.655
0.999	14.707			
8/15/2016 2:00:00 AM	360000.000	54.305	16.963	125.388
1256.182	1483.977	0.752	1.009	796.063
0.999	14.704			
8/15/2016 2:15:00 AM	360900.000	54.319	16.962	125.420
1258.516	1486.770	0.754	1.011	794.587
0.999	14.702			
8/15/2016 2:30:00 AM	361800.000	54.345	16.960	125.480
1258.495	1486.806	0.754	1.011	794.600
0.999	14.703			
8/15/2016 2:45:00 AM	362700.000	54.357	16.960	125.509
1259.447	1487.941	0.754	1.012	793.999
0.999	14.698			
8/15/2016 3:00:00 AM	363600.000	54.361	16.964	125.519
1259.020	1487.315	0.754	1.011	794.269
0.999	14.698			
8/15/2016 3:15:00 AM	364500.000	54.375	16.962	125.550
1259.537	1487.967	0.754	1.012	793.943
0.999	14.698			
8/15/2016 3:30:00 AM	365400.000	54.384	16.963	125.571
1259.355	1487.719	0.754	1.012	794.057

0.999	14.695			
8/15/2016 3:45:00 AM	366300.000	54.378	16.963	125.558
1258.130	1486.293	0.753	1.011	794.831
0.999	14.699			
8/15/2016 4:00:00 AM	367200.000	54.387	16.962	125.578
1258.283	1486.489	0.754	1.011	794.734
0.999	14.697			
8/15/2016 4:15:00 AM	368100.000	54.395	16.963	125.596
1257.724	1485.805	0.753	1.010	795.087
0.999	14.699			
8/15/2016 4:30:00 AM	369000.000	54.420	16.962	125.655
1257.627	1485.711	0.753	1.010	795.148
0.999	14.701			
8/15/2016 4:45:00 AM	369900.000	54.428	16.962	125.673
1259.715	1488.195	0.754	1.012	793.830
0.999	14.700			
8/15/2016 5:00:00 AM	370800.000	54.421	16.961	125.656
1251.639	1478.686	0.749	1.006	798.952
0.999	14.702			
8/15/2016 5:15:00 AM	371700.000	54.429	16.961	125.676
1248.017	1474.405	0.747	1.003	801.271
0.999	14.704			
8/15/2016 5:30:00 AM	372600.000	54.437	16.963	125.693
1238.597	1463.215	0.741	0.995	807.365
0.999	14.707			
8/15/2016 5:45:00 AM	373500.000	54.466	16.969	125.760
1233.821	1457.380	0.738	0.991	810.490
0.999	14.700			
8/15/2016 6:00:00 AM	374400.000	54.471	16.969	125.772
1232.082	1455.332	0.737	0.990	811.634
0.999	14.705			
8/15/2016 6:15:00 AM	375300.000	54.480	16.965	125.792
1231.625	1454.898	0.737	0.989	811.935
0.999	14.696			
8/15/2016 6:30:00 AM	376200.000	54.477	16.966	125.786
1231.125	1454.281	0.736	0.989	812.265
0.999	14.705			
8/15/2016 6:45:00 AM	377100.000	54.486	16.965	125.806
1231.049	1454.215	0.736	0.989	812.315
0.999	14.708			
8/15/2016 7:00:00 AM	378000.000	54.498	16.965	125.834
1231.099	1454.302	0.736	0.989	812.283
0.999	14.712			
8/15/2016 7:15:00 AM	378900.000	54.502	16.965	125.843
1231.015	1454.192	0.736	0.989	812.338
0.999	14.713			
8/15/2016 7:30:00 AM	379800.000	54.483	16.966	125.799
1233.854	1457.523	0.738	0.991	810.469
0.999	14.717			
8/15/2016 7:45:00 AM	380700.000	54.505	16.963	125.849
1244.125	1469.734	0.745	0.999	803.777
0.999	14.715			
8/15/2016 8:00:00 AM	381600.000	54.481	16.961	125.796
1250.838	1477.729	0.749	1.005	799.464

0.999	14.720			
8/15/2016 8:15:00 AM	382500.000	54.494	16.964	125.825
1253.853	1481.214	0.751	1.007	797.542
0.999	14.719			
8/15/2016 8:30:00 AM	383400.000	54.492	16.964	125.821
1252.355	1479.430	0.750	1.006	798.496
0.999	14.719			
8/15/2016 8:45:00 AM	384300.000	54.472	16.961	125.773
1253.676	1481.102	0.751	1.007	797.654
0.999	14.719			
8/15/2016 9:00:00 AM	385200.000	54.477	16.962	125.785
1252.264	1479.389	0.750	1.006	798.554
0.999	14.722			
8/15/2016 9:15:00 AM	386100.000	54.447	16.960	125.716
1254.637	1482.251	0.751	1.008	797.044
0.999	14.724			
8/15/2016 9:30:00 AM	387000.000	54.439	16.963	125.698
1251.213	1478.122	0.749	1.005	799.224
0.999	14.726			
8/15/2016 9:45:00 AM	387900.000	54.429	16.959	125.675
1251.995	1479.181	0.750	1.006	798.725
0.999	14.725			
8/15/2016 10:00:00 AM	388800.000	54.417	16.960	125.647
1247.442	1473.749	0.747	1.002	801.640
0.999	14.726			
8/15/2016 10:15:00 AM	389700.000	54.404	16.957	125.616
1251.730	1478.927	0.750	1.006	798.894
0.999	14.726			
8/15/2016 10:30:00 AM	390600.000	54.396	16.960	125.600
1251.399	1478.438	0.749	1.005	799.106
0.999	14.732			
8/15/2016 10:45:00 AM	391500.000	54.364	16.961	125.525
1249.694	1476.383	0.748	1.004	800.196
0.999	14.731			
8/15/2016 11:00:00 AM	392400.000	54.365	16.957	125.527
1248.726	1475.371	0.748	1.003	800.816
0.999	14.728			
8/15/2016 11:15:00 AM	393300.000	54.321	16.960	125.426
1246.268	1472.365	0.746	1.001	802.395
0.999	14.734			
8/15/2016 11:30:00 AM	394200.000	54.325	16.959	125.435
1247.426	1473.767	0.747	1.002	801.651
0.999	14.731			
8/15/2016 11:45:00 AM	395100.000	54.291	16.960	125.357
1246.129	1472.212	0.746	1.001	802.485
0.999	14.729			
8/15/2016 12:00:00 PM	396000.000	54.280	16.957	125.332
1249.193	1475.929	0.748	1.004	800.516
0.999	14.726			
8/15/2016 12:15:00 PM	396900.000	54.263	16.959	125.293
1246.986	1473.245	0.747	1.002	801.934
0.999	14.727			
8/15/2016 12:30:00 PM	397800.000	54.267	16.958	125.300
1247.140	1473.456	0.747	1.002	801.835

0.999	14.722			
8/15/2016 12:45:00 PM	398700.000	54.262	16.962	125.289
1247.698	1474.007	0.747	1.002	801.476
0.999	14.717			
8/15/2016 1:00:00 PM	399600.000	54.238	16.957	125.235
1249.224	1475.950	0.748	1.004	800.497
0.999	14.714			
8/15/2016 1:15:00 PM	400500.000	54.215	16.958	125.181
1248.811	1475.441	0.748	1.003	800.762
0.999	14.723			
8/15/2016 1:30:00 PM	401400.000	54.224	16.958	125.202
1247.644	1474.058	0.747	1.002	801.510
0.999	14.720			
8/15/2016 1:45:00 PM	402300.000	54.210	16.957	125.170
1246.661	1472.939	0.746	1.002	802.143
0.999	14.714			
8/15/2016 2:00:00 PM	403200.000	54.212	16.959	125.174
1248.542	1475.077	0.747	1.003	800.934
0.999	14.721			
8/15/2016 2:15:00 PM	404100.000	54.192	16.959	125.129
1247.142	1473.441	0.747	1.002	801.833
0.999	14.716			
8/15/2016 2:30:00 PM	405000.000	54.178	16.961	125.095
1247.630	1473.959	0.747	1.002	801.520
0.999	14.721			
8/15/2016 2:45:00 PM	405900.000	54.177	16.959	125.092
1250.806	1477.776	0.749	1.005	799.484
0.999	14.720			
8/15/2016 3:00:00 PM	406800.000	54.174	16.960	125.085
1249.713	1476.432	0.748	1.004	800.184
0.999	14.714			
8/15/2016 3:15:00 PM	407700.000	54.186	16.960	125.115
1249.853	1476.605	0.748	1.004	800.094
0.999	14.709			
8/15/2016 3:30:00 PM	408600.000	54.161	16.959	125.056
1249.719	1476.471	0.748	1.004	800.180
0.999	14.716			
8/15/2016 3:45:00 PM	409500.000	54.160	16.962	125.055
1248.585	1475.058	0.747	1.003	800.906
0.999	14.707			
8/15/2016 4:00:00 PM	410400.000	54.155	16.962	125.041
1249.065	1475.613	0.748	1.003	800.599
0.999	14.710			
8/15/2016 4:15:00 PM	411300.000	54.149	16.959	125.029
1247.603	1473.980	0.747	1.002	801.537
0.999	14.709			
8/15/2016 4:30:00 PM	412200.000	54.160	16.959	125.055
1251.212	1478.247	0.749	1.005	799.225
0.999	14.707			
8/15/2016 4:45:00 PM	413100.000	54.145	16.963	125.018
1248.695	1475.147	0.748	1.003	800.836
0.999	14.703			
8/15/2016 5:00:00 PM	414000.000	54.143	16.960	125.015
1249.984	1476.750	0.748	1.004	800.010

0.999	14.702			
8/15/2016 5:15:00 PM	414900.000	54.132	16.959	124.989
1250.170	1477.007	0.749	1.004	799.891
0.999	14.706			
8/15/2016 5:30:00 PM	415800.000	54.124	16.959	124.971
1252.855	1480.185	0.750	1.007	798.177
0.999	14.706			
8/15/2016 5:45:00 PM	416700.000	54.135	16.958	124.996
1252.768	1480.105	0.750	1.006	798.233
0.999	14.702			
8/15/2016 6:00:00 PM	417600.000	54.109	16.962	124.937
1251.036	1477.945	0.749	1.005	799.338
0.999	14.706			
8/15/2016 6:15:00 PM	418500.000	54.108	16.958	124.935
1250.045	1476.914	0.748	1.004	799.971
0.999	14.699			
8/15/2016 6:30:00 PM	419400.000	54.096	16.958	124.905
1255.799	1483.701	0.752	1.009	796.306
0.999	14.701			
8/15/2016 6:45:00 PM	420300.000	54.081	16.958	124.871
1252.595	1479.909	0.750	1.006	798.343
0.999	14.702			
8/15/2016 7:00:00 PM	421200.000	54.072	16.960	124.851
1250.558	1477.430	0.749	1.005	799.643
0.999	14.700			
8/15/2016 7:15:00 PM	422100.000	54.061	16.959	124.826
1252.923	1480.256	0.750	1.007	798.133
0.999	14.700			
8/15/2016 7:30:00 PM	423000.000	54.050	16.958	124.801
1253.394	1480.854	0.751	1.007	797.834
0.999	14.698			
8/15/2016 7:45:00 PM	423900.000	54.038	16.959	124.772
1253.853	1481.366	0.751	1.007	797.542
0.999	14.701			
8/15/2016 8:00:00 PM	424800.000	54.023	16.961	124.738
1249.135	1475.729	0.748	1.003	800.554
0.999	14.704			
8/15/2016 8:15:00 PM	425700.000	54.013	16.959	124.714
1247.978	1474.408	0.747	1.003	801.296
0.999	14.703			
8/15/2016 8:30:00 PM	426600.000	54.013	16.961	124.714
1251.221	1478.196	0.749	1.005	799.219
0.999	14.704			
8/15/2016 8:45:00 PM	427500.000	53.996	16.958	124.674
1249.820	1476.632	0.748	1.004	800.115
0.999	14.703			
8/15/2016 9:00:00 PM	428400.000	54.000	16.963	124.684
1250.914	1477.768	0.749	1.005	799.416
0.999	14.705			
8/15/2016 9:15:00 PM	429300.000	53.985	16.961	124.651
1249.444	1476.076	0.748	1.004	800.356
0.999	14.701			
8/15/2016 9:30:00 PM	430200.000	53.972	16.962	124.619
1252.238	1479.353	0.750	1.006	798.570

0.999	14.708			
8/15/2016 9:45:00 PM	431100.000	53.982	16.960	124.644
1251.801	1478.921	0.750	1.006	798.849
0.999	14.713			
8/15/2016 10:00:00 PM	432000.000	53.971	16.962	124.616
1248.312	1474.724	0.747	1.003	801.082
0.999	14.709			
8/15/2016 10:15:00 PM	432900.000	53.980	16.961	124.639
1249.439	1476.079	0.748	1.004	800.359
0.999	14.713			
8/15/2016 10:30:00 PM	433800.000	53.971	16.960	124.618
1252.860	1480.146	0.750	1.006	798.174
0.999	14.709			
8/15/2016 10:45:00 PM	434700.000	53.973	16.962	124.622
1250.929	1477.799	0.749	1.005	799.406
0.999	14.705			
8/15/2016 11:00:00 PM	435600.000	53.977	16.957	124.632
1253.395	1480.881	0.751	1.007	797.833
0.999	14.702			
8/15/2016 11:15:00 PM	436500.000	53.978	16.962	124.634
1249.101	1475.648	0.748	1.003	800.576
0.999	14.700			
8/15/2016 11:30:00 PM	437400.000	53.991	16.961	124.664
1251.442	1478.445	0.749	1.005	799.078
0.999	14.706			
8/15/2016 11:45:00 PM	438300.000	53.999	16.961	124.683
1255.595	1483.346	0.752	1.009	796.435
0.999	14.701			
8/16/2016 12:00:00 AM	439200.000	53.986	16.960	124.651
1249.835	1476.590	0.748	1.004	800.106
0.999	14.705			
8/16/2016 12:15:00 AM	440100.000	53.995	16.958	124.674
1253.906	1481.447	0.751	1.007	797.508
0.999	14.705			
8/16/2016 12:30:00 AM	441000.000	54.001	16.961	124.686
1249.667	1476.353	0.748	1.004	800.214
0.999	14.705			
8/16/2016 12:45:00 AM	441900.000	54.003	16.960	124.692
1252.000	1479.140	0.750	1.006	798.722
0.999	14.704			
8/16/2016 1:00:00 AM	442800.000	54.026	16.960	124.745
1250.503	1477.373	0.749	1.005	799.678
0.999	14.703			
8/16/2016 1:15:00 AM	443700.000	54.021	16.958	124.733
1251.207	1478.258	0.749	1.005	799.228
0.999	14.699			
8/16/2016 1:30:00 AM	444600.000	54.025	16.957	124.743
1252.379	1479.680	0.750	1.006	798.481
0.999	14.699			
8/16/2016 1:45:00 AM	445500.000	54.035	16.959	124.765
1253.590	1481.047	0.751	1.007	797.709
0.999	14.699			
8/16/2016 2:00:00 AM	446400.000	54.042	16.959	124.780
1252.325	1479.544	0.750	1.006	798.515

0.999	14.695			
8/16/2016 2:15:00 AM	447300.000	54.048	16.962	124.794
1249.121	1475.683	0.748	1.003	800.563
0.999	14.695			
8/16/2016 2:30:00 AM	448200.000	54.071	16.962	124.847
1251.702	1478.740	0.749	1.006	798.912
0.999	14.693			
8/16/2016 2:45:00 AM	449100.000	54.060	16.960	124.823
1248.859	1475.434	0.748	1.003	800.731
0.999	14.693			
8/16/2016 3:00:00 AM	450000.000	54.068	16.960	124.842
1249.183	1475.803	0.748	1.004	800.523
0.999	14.694			
8/16/2016 3:15:00 AM	450900.000	54.075	16.957	124.857
1253.148	1480.583	0.750	1.007	797.991
0.999	14.694			
8/16/2016 3:30:00 AM	451800.000	54.085	16.959	124.880
1253.878	1481.399	0.751	1.007	797.526
0.999	14.692			
8/16/2016 3:45:00 AM	452700.000	54.111	16.961	124.940
1252.381	1479.545	0.750	1.006	798.479
0.999	14.687			
8/16/2016 4:00:00 AM	453600.000	54.093	16.960	124.899
1252.501	1479.719	0.750	1.006	798.403
0.999	14.693			
8/16/2016 4:15:00 AM	454500.000	54.120	16.961	124.961
1250.120	1476.892	0.748	1.004	799.923
0.999	14.685			
8/16/2016 4:30:00 AM	455400.000	54.103	16.961	124.923
1249.227	1475.840	0.748	1.004	800.495
0.999	14.694			
8/16/2016 4:45:00 AM	456300.000	54.137	16.959	125.000
1251.477	1478.551	0.749	1.005	799.056
0.999	14.689			
8/16/2016 5:00:00 AM	457200.000	54.128	16.957	124.980
1253.977	1481.587	0.751	1.007	797.463
0.999	14.688			
8/16/2016 5:15:00 AM	458100.000	54.141	16.961	125.009
1249.050	1475.619	0.748	1.003	800.609
0.999	14.680			
8/16/2016 5:30:00 AM	459000.000	54.142	16.962	125.012
1253.273	1480.576	0.750	1.007	797.911
0.999	14.688			
8/16/2016 5:45:00 AM	459900.000	54.158	16.964	125.050
1250.325	1477.044	0.749	1.004	799.792
0.999	14.693			
8/16/2016 6:00:00 AM	460800.000	54.157	16.961	125.046
1254.989	1482.627	0.751	1.008	796.820
0.999	14.694			
8/16/2016 6:15:00 AM	461700.000	54.165	16.959	125.065
1250.062	1476.888	0.748	1.004	799.960
0.999	14.692			
8/16/2016 6:30:00 AM	462600.000	54.184	16.959	125.109
1248.599	1475.159	0.748	1.003	800.898

0.999	14.697			
8/16/2016 6:45:00 AM	463500.000	54.180	16.958	125.100
1255.149	1482.945	0.752	1.008	796.718
0.999	14.697			
8/16/2016 7:00:00 AM	464400.000	54.179	16.959	125.097
1249.853	1476.640	0.748	1.004	800.094
0.999	14.700			
8/16/2016 7:15:00 AM	465300.000	54.183	16.957	125.106
1252.944	1480.371	0.750	1.007	798.121
0.999	14.701			
8/16/2016 7:30:00 AM	466200.000	54.191	16.960	125.126
1249.530	1476.222	0.748	1.004	800.301
0.999	14.702			
8/16/2016 7:45:00 AM	467100.000	54.174	16.960	125.086
1248.432	1474.920	0.747	1.003	801.005
0.999	14.703			
8/16/2016 8:00:00 AM	468000.000	54.173	16.960	125.084
1247.443	1473.764	0.747	1.002	801.640
0.999	14.701			
8/16/2016 8:15:00 AM	468900.000	54.162	16.959	125.059
1249.755	1476.510	0.748	1.004	800.157
0.999	14.703			
8/16/2016 8:30:00 AM	469800.000	54.147	16.959	125.024
1249.068	1475.728	0.748	1.003	800.597
0.999	14.704			
8/16/2016 8:45:00 AM	470700.000	54.146	16.959	125.022
1244.768	1470.636	0.745	1.000	803.363
0.999	14.704			
8/16/2016 9:00:00 AM	471600.000	54.121	16.959	124.964
1247.240	1473.548	0.747	1.002	801.770
0.999	14.705			
8/16/2016 9:15:00 AM	472500.000	54.117	16.961	124.954
1246.057	1472.098	0.746	1.001	802.532
0.999	14.702			
8/16/2016 9:30:00 AM	473400.000	54.094	16.959	124.902
1250.689	1477.617	0.749	1.005	799.559
0.999	14.713			
8/16/2016 9:45:00 AM	474300.000	54.093	16.960	124.899
1248.922	1475.520	0.748	1.003	800.691
0.999	14.699			
8/16/2016 10:00:00 AM	475200.000	54.087	16.960	124.885
1249.779	1476.507	0.748	1.004	800.141
0.999	14.698			
8/16/2016 10:15:00 AM	476100.000	54.071	16.963	124.849
1251.088	1477.966	0.749	1.005	799.304
0.999	14.702			
8/16/2016 10:30:00 AM	477000.000	54.062	16.962	124.827
1249.226	1475.798	0.748	1.004	800.496
0.999	14.703			
8/16/2016 10:45:00 AM	477900.000	54.073	16.961	124.854
1248.336	1474.770	0.747	1.003	801.066
0.999	14.701			
8/16/2016 11:00:00 AM	478800.000	54.038	16.965	124.771
1248.821	1475.218	0.748	1.003	800.755

0.999	14.706			
8/16/2016 11:15:00 AM	479700.000	54.034	16.962	124.763
1249.841	1476.536	0.748	1.004	800.102
0.999	14.709			
8/16/2016 11:30:00 AM	480600.000	54.042	16.966	124.781
1252.237	1479.220	0.750	1.006	798.571
0.999	14.697			
8/16/2016 11:45:00 AM	481500.000	54.031	16.962	124.756
1249.919	1476.605	0.748	1.004	800.052
0.999	14.703			
8/16/2016 12:00:00 PM	482400.000	54.016	16.960	124.722
1249.550	1476.251	0.748	1.004	800.288
0.999	14.707			
8/16/2016 12:15:00 PM	483300.000	54.031	16.962	124.756
1250.583	1477.415	0.749	1.005	799.627
0.999	14.705			
8/16/2016 12:30:00 PM	484200.000	54.024	16.965	124.740
1250.626	1477.353	0.749	1.005	799.600
0.999	14.708			
8/16/2016 12:45:00 PM	485100.000	54.019	16.966	124.728
1250.081	1476.688	0.748	1.004	799.948
0.999	14.701			
8/16/2016 1:00:00 PM	486000.000	53.988	16.964	124.658
1249.444	1476.000	0.748	1.004	800.356
0.999	14.709			
8/16/2016 1:15:00 PM	486900.000	53.981	16.963	124.641
1251.135	1478.023	0.749	1.005	799.275
0.999	14.708			
8/16/2016 1:30:00 PM	487800.000	53.975	16.962	124.626
1250.249	1477.007	0.749	1.004	799.841
0.999	14.704			
8/16/2016 1:45:00 PM	488700.000	53.967	16.962	124.609
1251.040	1477.935	0.749	1.005	799.335
0.999	14.708			
8/16/2016 2:00:00 PM	489600.000	53.960	16.962	124.592
1250.977	1477.875	0.749	1.005	799.375
0.999	14.703			
8/16/2016 2:15:00 PM	490500.000	53.936	16.960	124.538
1248.025	1474.443	0.747	1.003	801.266
0.999	14.708			
8/16/2016 2:30:00 PM	491400.000	53.954	16.962	124.577
1250.600	1477.438	0.749	1.005	799.616
0.999	14.699			
8/16/2016 2:45:00 PM	492300.000	53.945	16.965	124.557
1248.185	1474.478	0.747	1.003	801.164
0.999	14.697			
8/16/2016 3:00:00 PM	493200.000	53.918	16.964	124.496
1248.906	1475.356	0.748	1.003	800.701
0.999	14.696			
8/16/2016 3:15:00 PM	494100.000	53.930	16.962	124.522
1247.515	1473.785	0.747	1.002	801.594
0.999	14.693			
8/16/2016 3:30:00 PM	495000.000	53.919	16.962	124.498
1251.205	1478.148	0.749	1.005	799.229

0.999	14.693			
8/16/2016 3:45:00 PM	495900.000	53.912	16.960	124.481
1250.789	1477.703	0.749	1.005	799.495
0.999	14.693			
8/16/2016 4:00:00 PM	496800.000	53.905	16.961	124.465
1250.781	1477.664	0.749	1.005	799.500
0.999	14.690			
8/16/2016 4:15:00 PM	497700.000	53.885	16.964	124.418
1250.081	1476.741	0.748	1.004	799.948
0.999	14.691			
8/16/2016 4:30:00 PM	498600.000	53.879	16.959	124.404
1249.096	1475.734	0.748	1.003	800.579
0.999	14.690			
8/16/2016 4:45:00 PM	499500.000	53.877	16.961	124.399
1250.435	1477.253	0.749	1.005	799.721
0.999	14.687			
8/16/2016 5:00:00 PM	500400.000	53.881	16.962	124.409
1250.354	1477.130	0.749	1.004	799.774
0.999	14.691			
8/16/2016 5:15:00 PM	501300.000	53.877	16.962	124.401
1250.688	1477.534	0.749	1.005	799.560
0.999	14.689			
8/16/2016 5:30:00 PM	502200.000	53.865	16.961	124.372
1250.516	1477.349	0.749	1.005	799.670
0.999	14.685			
8/16/2016 5:45:00 PM	503100.000	53.864	16.962	124.371
1249.842	1476.540	0.748	1.004	800.101
0.999	14.681			
8/16/2016 6:00:00 PM	504000.000	53.855	16.960	124.349
1252.958	1480.288	0.750	1.007	798.112
0.999	14.684			
8/16/2016 6:15:00 PM	504900.000	53.856	16.958	124.352
1250.985	1478.001	0.749	1.005	799.370
0.999	14.680			
8/16/2016 6:30:00 PM	505800.000	53.849	16.956	124.335
1252.505	1479.862	0.750	1.006	798.400
0.999	14.677			
8/16/2016 6:45:00 PM	506700.000	53.842	16.960	124.319
1253.693	1481.131	0.751	1.007	797.643
0.999	14.679			
8/16/2016 7:00:00 PM	507600.000	53.835	16.960	124.304
1251.336	1478.364	0.749	1.005	799.146
0.999	14.679			
8/16/2016 7:15:00 PM	508500.000	53.839	16.960	124.313
1252.212	1479.381	0.750	1.006	798.587
0.999	14.681			
8/16/2016 7:30:00 PM	509400.000	53.817	16.961	124.262
1251.387	1478.392	0.749	1.005	799.114
0.999	14.685			
8/16/2016 7:45:00 PM	510300.000	53.833	16.959	124.299
1252.020	1479.187	0.750	1.006	798.709
0.999	14.682			
8/16/2016 8:00:00 PM	511200.000	53.815	16.962	124.256
1252.413	1479.580	0.750	1.006	798.459

0.999	14.682			
8/16/2016 8:15:00 PM	512100.000	53.816	16.960	124.258
1250.942	1477.887	0.749	1.005	799.397
0.999	14.679			
8/16/2016 8:30:00 PM	513000.000	53.822	16.962	124.273
1252.094	1479.174	0.750	1.006	798.662
0.999	14.685			
8/16/2016 8:45:00 PM	513900.000	53.802	16.962	124.227
1252.902	1480.153	0.750	1.007	798.147
0.999	14.690			
8/16/2016 9:00:00 PM	514800.000	53.804	16.960	124.233
1252.638	1479.902	0.750	1.006	798.315
0.999	14.690			
8/16/2016 9:15:00 PM	515700.000	53.801	16.962	124.224
1253.568	1480.919	0.751	1.007	797.723
0.999	14.691			
8/16/2016 9:30:00 PM	516600.000	53.799	16.962	124.221
1253.674	1481.037	0.751	1.007	797.656
0.999	14.695			
8/16/2016 9:45:00 PM	517500.000	53.802	16.962	124.227
1252.868	1480.110	0.750	1.006	798.169
0.999	14.690			
8/16/2016 10:00:00 PM	518400.000	53.795	16.960	124.212
1255.458	1483.243	0.752	1.009	796.522
0.999	14.695			
8/16/2016 10:15:00 PM	519300.000	53.796	16.963	124.212
1254.777	1482.338	0.751	1.008	796.954
0.999	14.696			
8/16/2016 10:30:00 PM	520200.000	53.798	16.964	124.218
1253.875	1481.240	0.751	1.007	797.528
0.999	14.689			
8/16/2016 10:45:00 PM	521100.000	53.817	16.961	124.262
1253.578	1480.989	0.751	1.007	797.716
0.999	14.689			
8/16/2016 11:00:00 PM	522000.000	53.805	16.960	124.235
1256.120	1484.018	0.752	1.009	796.102
0.999	14.686			
8/16/2016 11:15:00 PM	522900.000	53.803	16.965	124.230
1254.959	1482.488	0.751	1.008	796.839
0.999	14.688			
8/16/2016 11:30:00 PM	523800.000	53.825	16.964	124.280
1252.300	1479.362	0.750	1.006	798.531
0.999	14.685			
8/16/2016 11:45:00 PM	524700.000	53.803	16.962	124.229
1254.782	1482.353	0.751	1.008	796.951
0.999	14.686			
8/17/2016 12:00:00 AM	525600.000	53.820	16.965	124.268
1255.722	1483.382	0.752	1.009	796.355
0.999	14.687			
8/17/2016 12:15:00 AM	526500.000	53.805	16.964	124.234
1254.522	1481.981	0.751	1.008	797.116
0.999	14.688			
8/17/2016 12:30:00 AM	527400.000	53.815	16.966	124.256
1253.928	1481.232	0.751	1.007	797.494

0.999	14.686			
8/17/2016 12:45:00 AM	528300.000	53.819	16.965	124.266
1251.654	1478.584	0.749	1.005	798.943
0.999	14.687			
8/17/2016 1:00:00 AM	529200.000	53.831	16.964	124.295
1253.888	1481.246	0.751	1.007	797.520
0.999	14.685			
8/17/2016 1:15:00 AM	530100.000	53.842	16.963	124.320
1254.129	1481.544	0.751	1.007	797.366
0.999	14.685			
8/17/2016 1:30:00 AM	531000.000	53.868	16.964	124.380
1255.791	1483.504	0.752	1.009	796.311
0.999	14.683			
8/17/2016 1:45:00 AM	531900.000	53.869	16.965	124.383
1254.839	1482.341	0.751	1.008	796.915
0.999	14.678			
8/17/2016 2:00:00 AM	532800.000	53.896	16.962	124.445
1255.861	1483.631	0.752	1.009	796.266
0.999	14.678			
8/17/2016 2:15:00 AM	533700.000	53.894	16.966	124.439
1255.107	1482.617	0.751	1.008	796.745
0.999	14.671			
8/17/2016 2:30:00 AM	534600.000	53.917	16.963	124.493
1255.366	1483.031	0.752	1.008	796.580
0.999	14.678			
8/17/2016 2:45:00 AM	535500.000	53.917	16.961	124.492
1255.201	1482.895	0.752	1.008	796.685
0.999	14.669			
8/17/2016 3:00:00 AM	536400.000	53.922	16.964	124.503
1253.884	1481.231	0.751	1.007	797.522
0.999	14.675			
8/17/2016 3:15:00 AM	537300.000	53.935	16.964	124.533
1256.126	1483.879	0.752	1.009	796.099
0.999	14.670			
8/17/2016 3:30:00 AM	538200.000	53.959	16.962	124.590
1254.460	1481.966	0.751	1.008	797.156
0.999	14.671			
8/17/2016 3:45:00 AM	539100.000	53.954	16.965	124.577
1254.147	1481.508	0.751	1.007	797.355
0.999	14.669			
8/17/2016 4:00:00 AM	540000.000	53.964	16.963	124.602
1254.590	1482.094	0.751	1.008	797.073
0.999	14.664			
8/17/2016 4:15:00 AM	540900.000	53.971	16.961	124.618
1254.776	1482.392	0.751	1.008	796.955
0.999	14.670			
8/17/2016 4:30:00 AM	541800.000	53.996	16.963	124.674
1254.333	1481.790	0.751	1.008	797.237
0.999	14.672			
8/17/2016 4:45:00 AM	542700.000	54.016	16.963	124.722
1254.485	1481.976	0.751	1.008	797.140
0.999	14.663			
8/17/2016 5:00:00 AM	543600.000	54.020	16.962	124.730
1255.503	1483.227	0.752	1.009	796.494

0.999	14.668			
8/17/2016 5:15:00 AM	544500.000	54.022	16.965	124.735
1254.923	1482.440	0.751	1.008	796.862
0.999	14.664			
8/17/2016 5:30:00 AM	545400.000	54.042	16.962	124.782
1255.200	1482.873	0.752	1.008	796.686
0.999	14.669			
8/17/2016 5:45:00 AM	546300.000	54.053	16.963	124.808
1256.228	1484.022	0.752	1.009	796.034
0.999	14.664			
8/17/2016 6:00:00 AM	547200.000	54.056	16.961	124.813
1254.798	1482.401	0.751	1.008	796.941
0.999	14.663			
8/17/2016 6:15:00 AM	548100.000	54.061	16.967	124.825
1256.202	1483.880	0.752	1.009	796.051
0.999	14.668			
8/17/2016 6:30:00 AM	549000.000	54.072	16.964	124.851
1251.895	1478.878	0.750	1.006	798.789
0.999	14.671			
8/17/2016 6:45:00 AM	549900.000	54.091	16.963	124.895
1255.863	1483.600	0.752	1.009	796.265
0.999	14.672			
8/17/2016 7:00:00 AM	550800.000	54.099	16.967	124.914
1256.519	1484.255	0.752	1.009	795.850
0.999	14.675			
8/17/2016 7:15:00 AM	551700.000	54.112	16.961	124.942
1256.214	1484.086	0.752	1.009	796.043
0.999	14.674			
8/17/2016 7:30:00 AM	552600.000	54.091	16.966	124.894
1255.075	1482.591	0.751	1.008	796.765
0.999	14.683			
8/17/2016 7:45:00 AM	553500.000	54.103	16.962	124.923
1251.992	1479.060	0.750	1.006	798.727
0.999	14.681			
8/17/2016 8:00:00 AM	554400.000	54.104	16.963	124.924
1254.725	1482.268	0.751	1.008	796.987
0.999	14.681			
8/17/2016 8:15:00 AM	555300.000	54.103	16.961	124.922
1254.070	1481.565	0.751	1.007	797.403
0.999	14.686			
8/17/2016 8:30:00 AM	556200.000	54.106	16.962	124.930
1254.071	1481.525	0.751	1.007	797.403
0.999	14.686			
8/17/2016 8:45:00 AM	557100.000	54.104	16.960	124.925
1253.077	1480.417	0.750	1.007	798.036
0.999	14.684			
8/17/2016 9:00:00 AM	558000.000	54.103	16.961	124.923
1254.352	1481.886	0.751	1.008	797.224
0.999	14.686			
8/17/2016 9:15:00 AM	558900.000	54.102	16.963	124.919
1252.007	1479.063	0.750	1.006	798.717
0.999	14.681			
8/17/2016 9:30:00 AM	559800.000	54.095	16.962	124.904
1252.371	1479.505	0.750	1.006	798.485

0.999	14.684			
8/17/2016 9:45:00 AM	560700.000	54.087	16.962	124.886
1250.597	1477.411	0.749	1.005	799.618
0.999	14.686			
8/17/2016 10:00:00 AM	561600.000	54.079	16.962	124.867
1251.715	1478.750	0.749	1.006	798.904
0.999	14.684			
8/17/2016 10:15:00 AM	562500.000	54.081	16.964	124.872
1248.547	1474.932	0.747	1.003	800.931
0.999	14.684			
8/17/2016 10:30:00 AM	563400.000	54.053	16.963	124.807
1250.095	1476.780	0.748	1.004	799.939
0.999	14.687			
8/17/2016 10:45:00 AM	564300.000	54.045	16.964	124.787
1251.680	1478.641	0.749	1.005	798.926
0.999	14.684			
8/17/2016 11:00:00 AM	565200.000	54.033	16.962	124.761
1250.364	1477.154	0.749	1.004	799.767
0.999	14.685			
8/17/2016 11:15:00 AM	566100.000	54.021	16.964	124.732
1248.712	1475.120	0.748	1.003	800.825
0.999	14.682			
8/17/2016 11:30:00 AM	567000.000	54.010	16.962	124.707
1249.462	1476.074	0.748	1.004	800.344
0.999	14.683			
8/17/2016 11:45:00 AM	567900.000	53.998	16.962	124.680
1253.237	1480.548	0.750	1.007	797.934
0.999	14.680			
8/17/2016 12:00:00 PM	568800.000	54.002	16.961	124.689
1248.255	1474.677	0.747	1.003	801.118
0.999	14.677			
8/17/2016 12:15:00 PM	569700.000	53.982	16.962	124.642
1250.880	1477.758	0.749	1.005	799.437
0.999	14.679			
8/17/2016 12:30:00 PM	570600.000	53.954	16.962	124.577
1252.575	1479.745	0.750	1.006	798.355
0.999	14.693			
8/17/2016 12:45:00 PM	571500.000	53.931	16.959	124.525
1248.505	1475.030	0.747	1.003	800.958
0.999	14.683			
8/17/2016 1:00:00 PM	572400.000	53.925	16.963	124.512
1248.918	1475.399	0.748	1.003	800.693
0.999	14.676			
8/17/2016 1:15:00 PM	573300.000	53.910	16.962	124.476
1249.920	1476.635	0.748	1.004	800.051
0.999	14.679			
8/17/2016 1:30:00 PM	574200.000	53.905	16.962	124.465
1248.007	1474.343	0.747	1.003	801.278
0.999	14.669			
8/17/2016 1:45:00 PM	575100.000	53.907	16.962	124.470
1251.122	1478.044	0.749	1.005	799.282
0.999	14.673			
8/17/2016 2:00:00 PM	576000.000	53.904	16.964	124.462
1249.359	1475.888	0.748	1.004	800.410

0.999	14.668			
8/17/2016 2:15:00 PM	576900.000	53.874	16.963	124.393
1248.359	1474.739	0.747	1.003	801.051
0.999	14.675			
8/17/2016 2:30:00 PM	577800.000	53.859	16.964	124.359
1249.708	1476.301	0.748	1.004	800.187
0.999	14.680			
8/17/2016 2:45:00 PM	578700.000	53.851	16.965	124.341
1250.526	1477.235	0.749	1.005	799.663
0.999	14.674			
8/17/2016 3:00:00 PM	579600.000	53.847	16.963	124.332
1249.803	1476.462	0.748	1.004	800.126
0.999	14.671			
8/17/2016 3:15:00 PM	580500.000	53.858	16.962	124.357
1250.680	1477.527	0.749	1.005	799.565
0.999	14.671			
8/17/2016 3:30:00 PM	581400.000	53.858	16.965	124.356
1248.928	1475.349	0.748	1.003	800.687
0.999	14.668			
8/17/2016 3:45:00 PM	582300.000	53.853	16.964	124.345
1250.354	1477.073	0.749	1.004	799.773
0.999	14.669			
8/17/2016 4:00:00 PM	583200.000	53.837	16.962	124.308
1250.529	1477.326	0.749	1.005	799.661
0.999	14.668			
8/17/2016 4:15:00 PM	584100.000	53.845	16.961	124.326
1252.130	1479.258	0.750	1.006	798.639
0.999	14.659			
8/17/2016 4:30:00 PM	585000.000	53.839	16.963	124.313
1252.287	1479.379	0.750	1.006	798.539
0.999	14.662			
8/17/2016 4:45:00 PM	585900.000	53.843	16.962	124.321
1251.413	1478.388	0.749	1.005	799.096
0.999	14.660			
8/17/2016 5:00:00 PM	586800.000	53.836	16.963	124.306
1252.578	1479.737	0.750	1.006	798.354
0.999	14.661			
8/17/2016 5:15:00 PM	587700.000	53.840	16.964	124.314
1252.147	1479.199	0.750	1.006	798.628
0.999	14.657			
8/17/2016 5:30:00 PM	588600.000	53.837	16.963	124.308
1251.732	1478.724	0.749	1.006	798.893
0.999	14.660			
8/17/2016 5:45:00 PM	589500.000	53.835	16.964	124.304
1252.468	1479.548	0.750	1.006	798.424
0.999	14.661			
8/17/2016 6:00:00 PM	590400.000	53.851	16.962	124.341
1251.427	1478.396	0.749	1.005	799.088
0.999	14.657			
8/17/2016 6:15:00 PM	591300.000	53.832	16.961	124.297
1254.937	1482.594	0.751	1.008	796.853
0.999	14.653			
8/17/2016 6:30:00 PM	592200.000	53.822	16.962	124.272
1252.894	1480.143	0.750	1.006	798.152

0.999	14.655			
8/17/2016 6:45:00 PM	593100.000	53.814	16.959	124.256
1255.018	1482.731	0.752	1.008	796.801
0.999	14.660			
8/17/2016 7:00:00 PM	594000.000	53.814	16.959	124.256
1252.207	1479.416	0.750	1.006	798.590
0.999	14.656			
8/17/2016 7:15:00 PM	594900.000	53.819	16.962	124.266
1254.096	1481.557	0.751	1.007	797.387
0.999	14.651			
8/17/2016 7:30:00 PM	595800.000	53.812	16.962	124.250
1254.979	1482.606	0.751	1.008	796.826
0.999	14.654			
8/17/2016 7:45:00 PM	596700.000	53.811	16.962	124.247
1254.827	1482.403	0.751	1.008	796.923
0.999	14.654			
8/17/2016 8:00:00 PM	597600.000	53.826	16.965	124.283
1252.523	1479.581	0.750	1.006	798.389
0.999	14.657			
8/17/2016 8:15:00 PM	598500.000	53.806	16.962	124.236
1250.748	1477.601	0.749	1.005	799.522
0.999	14.659			
8/17/2016 8:30:00 PM	599400.000	53.803	16.963	124.229
1253.937	1481.328	0.751	1.007	797.488
0.999	14.664			
8/17/2016 8:45:00 PM	600300.000	53.797	16.960	124.216
1253.801	1481.268	0.751	1.007	797.574
0.999	14.666			
8/17/2016 9:00:00 PM	601200.000	53.813	16.962	124.252
1253.219	1480.515	0.750	1.007	797.945
0.999	14.667			
8/17/2016 9:15:00 PM	602100.000	53.796	16.961	124.212
1254.132	1481.626	0.751	1.008	797.364
0.999	14.663			
8/17/2016 9:30:00 PM	603000.000	53.790	16.962	124.200
1254.322	1481.824	0.751	1.008	797.244
0.999	14.667			
8/17/2016 9:45:00 PM	603900.000	53.790	16.965	124.199
1253.608	1480.861	0.751	1.007	797.698
0.999	14.668			
8/17/2016 10:00:00 PM	604800.000	53.789	16.964	124.197
1252.683	1479.806	0.750	1.006	798.287
0.999	14.668			
8/17/2016 10:15:00 PM	605700.000	53.814	16.968	124.256
1253.522	1480.671	0.750	1.007	797.752
0.999	14.659			
8/17/2016 10:30:00 PM	606600.000	53.801	16.965	124.225
1253.199	1480.401	0.750	1.007	797.958
0.999	14.662			
8/17/2016 10:45:00 PM	607500.000	53.797	16.964	124.216
1253.341	1480.600	0.750	1.007	797.868
0.999	14.669			
8/17/2016 11:00:00 PM	608400.000	53.802	16.964	124.226
1253.513	1480.798	0.751	1.007	797.758

0.999	14.665			
8/17/2016 11:15:00 PM	609300.000	53.801	16.966	124.225
1253.082	1480.218	0.750	1.007	798.032
0.999	14.666			
8/17/2016 11:30:00 PM	610200.000	53.823	16.964	124.275
1252.954	1480.138	0.750	1.006	798.114
0.999	14.663			
8/17/2016 11:45:00 PM	611100.000	53.824	16.962	124.277
1253.946	1481.359	0.751	1.007	797.482
0.999	14.668			

Serial_number:

1071292

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
8/11/2016	0:00:00	0	33.539	16.2	2027.4
8/11/2016	0:15:00	0	33.576	16.2	2027.4
8/11/2016	0:30:00	0	33.518	16.2	2027.4
8/11/2016	0:45:00	0	33.557	16.2	2027.4
8/11/2016	1:00:00	0	33.595	16.2	2027.4
8/11/2016	1:15:00	0	33.554	16.2	2027.4
8/11/2016	1:30:00	0	33.535	16.2	2027.4
8/11/2016	1:45:00	0	33.596	16.2	2027.4
8/11/2016	2:00:00	0	33.515	16.2	2027.4
8/11/2016	2:15:00	0	33.573	16.2	2027.4
8/11/2016	2:30:00	0	33.593	16.2	2027.4
8/11/2016	2:45:00	0	33.533	16.2	2027.4
8/11/2016	3:00:00	0	33.551	16.2	2027.4
8/11/2016	3:15:00	0	33.593	16.2	2027.4
8/11/2016	3:30:00	0	33.574	16.2	2027.4
8/11/2016	3:45:00	0	33.577	16.2	2027.4
8/11/2016	4:00:00	0	33.499	16.2	2027.4
8/11/2016	4:15:00	0	33.558	16.2	2027.4
8/11/2016	4:30:00	0	33.579	16.2	2027.4
8/11/2016	4:45:00	0	33.578	16.2	2027.4
8/11/2016	5:00:00	0	33.558	16.2	2027.4
8/11/2016	5:15:00	0	33.557	16.2	2027.4
8/11/2016	5:30:00	0	33.554	16.2	2026.2
8/11/2016	5:45:00	0	33.569	16.2	2027.4
8/11/2016	6:00:00	0	33.581	16.2	2027.4
8/11/2016	6:15:00	0	33.594	16.2	2027.4
8/11/2016	6:30:00	0	33.53	16.2	2027.4
8/11/2016	6:45:00	0	33.563	16.2	2027.4
8/11/2016	7:00:00	0	33.533	16.2	2027.4
8/11/2016	7:15:00	0	33.527	16.2	2027.4
8/11/2016	7:30:00	0	33.56	16.2	2027.4

8/11/2016	7:45:00	0	33.534	16.2	2027.4
8/11/2016	8:00:00	0	33.567	16.2	2027.4
8/11/2016	8:15:00	0	33.525	16.2	2027.4
8/11/2016	8:30:00	0	33.543	16.2	2027.4
8/11/2016	8:45:00	0	33.536	16.2	2027.4
8/11/2016	9:00:00	0	33.572	16.2	2027.4
8/11/2016	9:15:00	0	33.509	16.2	2027.4
8/11/2016	9:30:00	0	33.583	16.2	2027.4
8/11/2016	9:45:00	0	33.481	16.2	2027.4
8/11/2016	10:00:00	0	33.537	16.2	2027.4
8/11/2016	10:15:00	0	33.532	16.2	2026.2
8/11/2016	10:30:00	0	33.554	16.2	2026.2
8/11/2016	10:45:00	0	33.55	16.2	2026.2
8/11/2016	11:00:00	0	33.591	16.2	2026.2
8/11/2016	11:15:00	0	33.59	16.2	2026.2
8/11/2016	11:30:00	0	33.547	16.2	2026.2
8/11/2016	11:45:00	0	33.567	16.2	2026.2
8/11/2016	12:00:00	0	33.507	16.2	2026.2
8/11/2016	12:15:00	0	33.545	16.2	2026.2
8/11/2016	12:30:00	0	33.547	16.2	2026.2
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8/12/2016	9:30:00	0	33.508	16.2	2027.4
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8/12/2016	12:45:00	0	33.51	16.2	2027.4
8/12/2016	13:00:00	0	33.57	16.2	2026.2
8/12/2016	13:15:00	0	33.515	16.2	2027.4
8/12/2016	13:30:00	0	33.539	16.2	2026.2
8/12/2016	13:45:00	0	33.562	16.2	2027.4
8/12/2016	14:00:00	0	33.506	16.2	2027.4
8/12/2016	14:15:00	0	33.509	16.2	2027.4
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8/12/2016	20:00:00	0	33.531	16.2	2026.2
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8/12/2016	22:30:00	0	33.574	16.2	2027.4
8/12/2016	22:45:00	0	33.538	16.2	2027.4
8/12/2016	23:00:00	0	33.502	16.2	2026.2
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8/12/2016	23:45:00	0	33.567	16.2	2026.2
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8/13/2016	1:00:00	0	33.591	16.2	2027.4
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8/13/2016	8:30:00	0	33.492	16.2	2027.4
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8/13/2016	9:00:00	0	33.553	16.2	2027.4
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8/13/2016	9:45:00	0	33.554	16.2	2027.4
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8/13/2016	14:30:00	0	33.553	16.2	2027.4
8/13/2016	14:45:00	0	33.553	16.2	2027.4
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8/13/2016	15:30:00	0	33.566	16.2	2027.4
8/13/2016	15:45:00	0	33.55	16.2	2027.4
8/13/2016	16:00:00	0	33.534	16.2	2027.4
8/13/2016	16:15:00	0	33.541	16.2	2027.4
8/13/2016	16:30:00	0	33.567	16.2	2027.4
8/13/2016	16:45:00	0	33.547	16.2	2027.4
8/13/2016	17:00:00	0	33.554	16.2	2027.4
8/13/2016	17:15:00	0	33.616	16.2	2027.4
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8/13/2016	18:00:00	0	33.568	16.2	2027.4
8/13/2016	18:15:00	0	33.57	16.2	2027.4

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8/13/2016	18:45:00	0	33.532	16.2	2027.4
8/13/2016	19:00:00	0	33.494	16.2	2027.4
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8/13/2016	23:15:00	0	33.578	16.2	2027.4
8/13/2016	23:30:00	0	33.579	16.2	2027.4
8/13/2016	23:45:00	0	33.579	16.2	2027.4
8/14/2016	0:00:00	0	33.52	16.2	2027.4
8/14/2016	0:15:00	0	33.579	16.2	2027.4
8/14/2016	0:30:00	0	33.58	16.2	2027.4
8/14/2016	0:45:00	0	33.563	16.2	2027.4
8/14/2016	1:00:00	0	33.547	16.2	2027.4
8/14/2016	1:15:00	0	33.549	16.2	2027.4
8/14/2016	1:30:00	0	33.592	16.2	2027.4
8/14/2016	1:45:00	0	33.558	16.2	2027.4
8/14/2016	2:00:00	0	33.521	16.2	2027.4
8/14/2016	2:15:00	0	33.525	16.2	2027.4
8/14/2016	2:30:00	0	33.547	16.2	2027.4
8/14/2016	2:45:00	0	33.548	16.2	2027.4
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8/14/2016	4:15:00	0	33.545	16.2	2027.4
8/14/2016	4:30:00	0	33.526	16.2	2027.4
8/14/2016	4:45:00	0	33.543	16.2	2027.4
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8/14/2016	6:00:00	0	33.552	16.2	2027.4

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8/14/2016	6:30:00	0	33.564	16.2	2027.4
8/14/2016	6:45:00	0	33.6	16.2	2027.4
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8/14/2016	7:15:00	0	33.554	16.2	2027.4
8/14/2016	7:30:00	0	33.569	16.2	2027.4
8/14/2016	7:45:00	0	33.546	16.2	2027.4
8/14/2016	8:00:00	0	33.547	16.2	2027.4
8/14/2016	8:15:00	0	33.523	16.2	2027.4
8/14/2016	8:30:00	0	33.583	16.2	2027.4
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8/14/2016	9:45:00	0	33.506	16.2	2027.4
8/14/2016	10:00:00	0	33.545	16.2	2027.4
8/14/2016	10:15:00	0	33.525	16.2	2027.4
8/14/2016	10:30:00	0	33.526	16.2	2027.4
8/14/2016	10:45:00	0	33.587	16.2	2027.4
8/14/2016	11:00:00	0	33.551	16.2	2027.4
8/14/2016	11:15:00	0	33.593	16.2	2027.4
8/14/2016	11:30:00	0	33.535	16.2	2027.4
8/14/2016	11:45:00	0	33.537	16.2	2027.4
8/14/2016	12:00:00	0	33.56	16.2	2027.4
8/14/2016	12:15:00	0	33.523	16.2	2027.4
8/14/2016	12:30:00	0	33.522	16.2	2027.4
8/14/2016	12:45:00	0	33.543	16.2	2027.4
8/14/2016	13:00:00	0	33.53	16.2	2027.4
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8/15/2016	1:45:00	0	33.562	16.2	2027.4
8/15/2016	2:00:00	0	33.506	16.2	2027.4
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8/15/2016	2:30:00	0	33.562	16.2	2027.4
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8/15/2016	5:00:00	0	33.543	16.2	2027.4
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8/15/2016	6:15:00	0	33.533	16.2	2027.4
8/15/2016	6:30:00	0	33.552	16.2	2027.4
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8/15/2016	7:00:00	0	33.503	16.2	2027.4
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8/15/2016	10:00:00	0	33.503	16.2	2029.8
8/15/2016	10:15:00	0	33.522	16.2	2029.8
8/15/2016	10:30:00	0	33.556	16.2	2027.4
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8/15/2016	13:15:00	0	33.541	16.2	2027.4
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8/15/2016	15:00:00	0	33.548	16.2	2027.4
8/15/2016	15:15:00	0	33.534	16.2	2029.8
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8/15/2016	18:30:00	0	33.564	16.2	2027.4
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8/15/2016	19:15:00	0	33.546	16.2	2027.4
8/15/2016	19:30:00	0	33.524	16.2	2029.8
8/15/2016	19:45:00	0	33.501	16.2	2029.8
8/15/2016	20:00:00	0	33.559	16.2	2027.4
8/15/2016	20:15:00	0	33.502	16.2	2027.4
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8/15/2016	23:30:00	0	33.517	16.2	2027.4
8/15/2016	23:45:00	0	33.516	16.2	2027.4
8/16/2016	0:00:00	0	33.539	16.2	2027.4
8/16/2016	0:15:00	0	33.515	16.2	2029.8
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8/16/2016	0:45:00	0	33.599	16.2	2027.4
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8/16/2016	2:30:00	0	33.558	16.2	2029.8
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8/16/2016	9:00:00	0	33.497	16.2	2027.4
8/16/2016	9:15:00	0	33.532	16.2	2029.8
8/16/2016	9:30:00	0	33.537	16.2	2027.4
8/16/2016	9:45:00	0	33.521	16.2	2029.8
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8/16/2016	12:45:00	0	33.489	16.2	2029.8
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8/16/2016	13:30:00	0	33.508	16.2	2029.8
8/16/2016	13:45:00	0	33.53	16.2	2029.8
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8/16/2016	14:30:00	0	33.543	16.2	2029.8
8/16/2016	14:45:00	0	33.508	16.2	2027.4
8/16/2016	15:00:00	0	33.532	16.2	2029.8
8/16/2016	15:15:00	0	33.556	16.2	2029.8
8/16/2016	15:30:00	0	33.58	16.2	2029.8
8/16/2016	15:45:00	0	33.487	16.2	2027.4
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8/16/2016	23:30:00	0	33.538	16.2	2029.8
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8/17/2016	3:15:00	0	33.55	16.2	2029.8
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8/17/2016	5:30:00	0	33.543	16.2	2029.8
8/17/2016	5:45:00	0	33.605	16.2	2029.8
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8/17/2016	6:15:00	0	33.539	16.2	2029.8
8/17/2016	6:30:00	0	33.531	16.2	2029.8
8/17/2016	6:45:00	0	33.555	16.2	2029.8
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8/17/2016	7:15:00	0	33.519	16.2	2029.8
8/17/2016	7:30:00	0	33.519	16.2	2029.8
8/17/2016	7:45:00	0	33.533	16.2	2029.8
8/17/2016	8:00:00	0	33.566	16.2	2029.8
8/17/2016	8:15:00	0	33.56	16.2	2029.8
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8/17/2016	9:00:00	0	33.481	16.2	2029.8
8/17/2016	9:15:00	0	33.541	16.2	2029.8
8/17/2016	9:30:00	0	33.538	16.2	2029.8
8/17/2016	9:45:00	0	33.56	16.2	2029.8
8/17/2016	10:00:00	0	33.52	16.2	2029.8
8/17/2016	10:15:00	0	33.501	16.2	2029.8
8/17/2016	10:30:00	0	33.559	16.2	2029.8
8/17/2016	10:45:00	0	33.521	16.2	2029.8
8/17/2016	11:00:00	0	33.502	16.2	2029.8
8/17/2016	11:15:00	0	33.543	16.2	2029.8
8/17/2016	11:30:00	0	33.503	16.2	2029.8
8/17/2016	11:45:00	0	33.542	16.2	2029.8
8/17/2016	12:00:00	0	33.526	16.2	2029.8
8/17/2016	12:15:00	0	33.506	16.2	2029.8
8/17/2016	12:30:00	0	33.529	16.2	2029.8
8/17/2016	12:45:00	0	33.552	16.2	2029.8
8/17/2016	13:00:00	0	33.497	16.2	2029.8
8/17/2016	13:15:00	0	33.538	16.2	2029.8
8/17/2016	13:30:00	0	33.565	16.2	2029.8
8/17/2016	13:45:00	0	33.525	16.2	2029.8
8/17/2016	14:00:00	0	33.487	16.2	2029.8
8/17/2016	14:15:00	0	33.547	16.2	2029.8
8/17/2016	14:30:00	0	33.531	16.2	2029.8
8/17/2016	14:45:00	0	33.531	16.2	2029.8
8/17/2016	15:00:00	0	33.497	16.2	2029.8
8/17/2016	15:15:00	0	33.538	16.2	2029.8
8/17/2016	15:30:00	0	33.54	16.2	2029.8
8/17/2016	15:45:00	0	33.524	16.2	2029.8
8/17/2016	16:00:00	0	33.509	16.2	2029.8
8/17/2016	16:15:00	0	33.552	16.2	2029.8

8/17/2016	16:30:00	0	33.556	16.2	2029.8
8/17/2016	16:45:00	0	33.577	16.2	2029.8
8/17/2016	17:00:00	0	33.52	16.2	2029.8
8/17/2016	17:15:00	0	33.582	16.2	2029.8
8/17/2016	17:30:00	0	33.622	16.2	2029.8
8/17/2016	17:45:00	0	33.483	16.2	2029.8
8/17/2016	18:00:00	0	33.526	16.2	2029.8
8/17/2016	18:15:00	0	33.529	16.2	2029.8
8/17/2016	18:30:00	0	33.534	16.2	2029.8
8/17/2016	18:45:00	0	33.554	16.2	2029.8
8/17/2016	19:00:00	0	33.577	16.2	2029.8
8/17/2016	19:15:00	0	33.476	16.2	2029.8
8/17/2016	19:30:00	0	33.513	16.2	2029.8
8/17/2016	19:45:00	0	33.53	16.2	2029.8
8/17/2016	20:00:00	0	33.526	16.2	2029.8
8/17/2016	20:15:00	0	33.544	16.2	2029.8
8/17/2016	20:30:00	0	33.52	16.2	2029.8
8/17/2016	20:45:00	0	33.594	16.2	2029.8
8/17/2016	21:00:00	0	33.491	16.2	2029.8
8/17/2016	21:15:00	0	33.527	16.2	2029.8
8/17/2016	21:30:00	0	33.506	16.2	2029.8
8/17/2016	21:45:00	0	33.567	16.2	2029.8
8/17/2016	22:00:00	0	33.507	16.2	2029.8
8/17/2016	22:15:00	0	33.548	16.2	2029.8
8/17/2016	22:30:00	0	33.531	16.2	2029.8
8/17/2016	22:45:00	0	33.51	16.2	2029.8
8/17/2016	23:00:00	0	33.57	16.2	2029.8
8/17/2016	23:15:00	0	33.534	16.2	2029.8
8/17/2016	23:30:00	0	33.535	16.2	2029.8
8/17/2016	23:45:00	0	33.549	16.2	2029.8

Report Date: 8/19/2016 12:29:47 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7D LT Test_2016-08-18_14-36-57-083-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/2/2016 4:38:03 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 4:41:45 PM	Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 4:46:33 PM	Device Taken Offline
3/2/2016 4:47:43 PM	Sensor SN: 441205 Actual conductivity calibration. Cell Constant: 1.00383 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 4:55:15 PM	Device Put Online
3/2/2016 4:55:16 PM	Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 5:20:15 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time:
3/2/2016 4:15:00 PM	Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 5:22:21 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time:
3/2/2016 5:15:00 PM	Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51:10 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39:34 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 1:42:42 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43:49 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 11:40:58 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:30:00 PM
4/7/2016 10:42:35 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 8:52:02 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 8:45:00 AM
4/21/2016 9:43:29 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 10:30:00 AM
4/28/2016 10:15:04 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:24:15 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
5/12/2016 8:54:58 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:15:00 AM
5/19/2016 11:58:24 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 12:45:00 PM
5/26/2016 8:29:21 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:15:00 AM
6/2/2016 10:31:21 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 10:30:00 AM
6/9/2016 8:42:54 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:04:00 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 10:00:00 AM
6/23/2016 9:23:38 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:15:00 AM
7/1/2016 10:43:17 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:06:16 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:00:00 AM
7/14/2016 4:05:51 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 5:00:00 PM

7/21/2016 4:36:32 PM Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 4:30:00 PM
 7/28/2016 5:24:58 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
 8/4/2016 8:30:49 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 9:00:00 PM
 8/11/2016 11:13:54 AM Log Download - Used Battery: 9% Used Memory: 20% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:00:00 PM
 8/18/2016 2:35:47 PM Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:30:00 PM
 8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 739

Sensors: 2

1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight 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	
SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205
SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205
SN#: 000000			

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			
8/11/2016 12:00:00 AM	7200.000	113.874	19.249	259.553	
34652.918	38929.316	25.013	26.472	28.858	
1.017	14.708				
8/11/2016 12:15:00 AM	8100.000	113.851	19.249	259.501	
34670.051	38947.977	25.026	26.485	28.843	
1.017	14.716				
8/11/2016 12:30:00 AM	9000.000	113.859	19.249	259.519	
34679.051	38958.453	25.034	26.492	28.836	
1.017	14.713				
8/11/2016 12:45:00 AM	9900.000	113.850	19.248	259.500	
34665.324	38943.973	25.023	26.482	28.847	
1.017	14.715				
8/11/2016 1:00:00 AM	10800.000	113.852	19.249	259.505	
34662.105	38939.777	25.020	26.479	28.850	
1.017	14.718				
8/11/2016 1:15:00 AM	11700.000	113.844	19.248	259.485	
34671.914	38951.160	25.028	26.487	28.842	
1.017	14.711				
8/11/2016 1:30:00 AM	12600.000	113.832	19.249	259.459	
34673.863	38952.262	25.029	26.488	28.840	
1.017	14.715				

8/11/2016 1:45:00 AM	13500.000	113.832	19.249	259.457
34663.035	38940.684	25.021	26.480	28.849
1.017	14.713			
8/11/2016 2:00:00 AM	14400.000	113.827	19.248	259.447
34651.262	38927.668	25.012	26.471	28.859
1.017	14.715			
8/11/2016 2:15:00 AM	15300.000	113.823	19.249	259.438
34666.840	38944.957	25.024	26.483	28.846
1.017	14.714			
8/11/2016 2:30:00 AM	16200.000	113.811	19.249	259.411
34671.863	38950.012	25.028	26.486	28.842
1.017	14.717			
8/11/2016 2:45:00 AM	17100.000	113.809	19.250	259.406
34648.660	38923.730	25.009	26.468	28.861
1.017	14.716			
8/11/2016 3:00:00 AM	18000.000	113.813	19.249	259.415
34658.520	38935.316	25.017	26.476	28.853
1.017	14.718			
8/11/2016 3:15:00 AM	18900.000	113.822	19.249	259.434
34661.570	38939.035	25.020	26.479	28.850
1.017	14.715			
8/11/2016 3:30:00 AM	19800.000	113.811	19.250	259.411
34680.691	38959.629	25.034	26.493	28.834
1.017	14.714			
8/11/2016 3:45:00 AM	20700.000	113.809	19.249	259.406
34682.684	38962.898	25.037	26.495	28.833
1.017	14.714			
8/11/2016 4:00:00 AM	21600.000	113.839	19.248	259.473
34655.285	38932.844	25.015	26.474	28.856
1.017	14.713			
8/11/2016 4:15:00 AM	22500.000	113.818	19.249	259.426
34667.227	38945.238	25.024	26.483	28.846
1.017	14.715			
8/11/2016 4:30:00 AM	23400.000	113.812	19.248	259.412
34689.137	38970.215	25.042	26.500	28.827
1.017	14.710			
8/11/2016 4:45:00 AM	24300.000	113.813	19.249	259.416
34667.984	38945.656	25.025	26.483	28.845
1.017	14.709			
8/11/2016 5:00:00 AM	25200.000	113.841	19.249	259.479
34642.891	38917.762	25.005	26.464	28.866
1.017	14.713			
8/11/2016 5:15:00 AM	26100.000	113.810	19.249	259.408
34652.605	38928.813	25.013	26.472	28.858
1.017	14.721			
8/11/2016 5:30:00 AM	27000.000	113.812	19.248	259.413
34694.691	38976.602	25.047	26.504	28.823
1.017	14.713			
8/11/2016 5:45:00 AM	27900.000	113.815	19.249	259.419
34670.086	38948.449	25.027	26.485	28.843
1.017	14.713			
8/11/2016 6:00:00 AM	28800.000	113.815	19.248	259.418
34674.930	38954.477	25.031	26.489	28.839
1.017	14.718			
8/11/2016 6:15:00 AM	29700.000	113.822	19.249	259.436
34684.387	38964.668	25.038	26.496	28.831
1.017	14.723			

8/11/2016 6:30:00 AM	30600.000	113.822	19.249	259.435
34677.445	38956.719	25.032	26.491	28.837
1.017	14.718			
8/11/2016 6:45:00 AM	31500.000	113.824	19.249	259.439
34670.637	38949.293	25.027	26.486	28.843
1.017	14.728			
8/11/2016 7:00:00 AM	32400.000	113.810	19.250	259.409
34666.141	38943.438	25.023	26.482	28.847
1.017	14.732			
8/11/2016 7:15:00 AM	33300.000	113.818	19.249	259.427
34669.309	38947.508	25.026	26.484	28.844
1.017	14.733			
8/11/2016 7:30:00 AM	34200.000	113.827	19.248	259.448
34662.160	38940.059	25.021	26.479	28.850
1.017	14.734			
8/11/2016 7:45:00 AM	35100.000	113.822	19.248	259.435
34673.773	38953.031	25.030	26.488	28.840
1.017	14.740			
8/11/2016 8:00:00 AM	36000.000	113.823	19.248	259.438
34668.395	38947.063	25.026	26.484	28.845
1.017	14.745			
8/11/2016 8:15:00 AM	36900.000	113.823	19.248	259.438
34671.852	38950.945	25.028	26.487	28.842
1.017	14.744			
8/11/2016 8:30:00 AM	37800.000	113.813	19.249	259.415
34664.625	38942.098	25.022	26.481	28.848
1.017	14.748			
8/11/2016 8:45:00 AM	38700.000	113.825	19.248	259.442
34681.906	38962.465	25.036	26.494	28.833
1.017	14.746			
8/11/2016 9:00:00 AM	39600.000	113.819	19.249	259.428
34669.867	38947.910	25.026	26.485	28.843
1.017	14.748			
8/11/2016 9:15:00 AM	40500.000	113.820	19.248	259.431
34652.809	38929.480	25.013	26.472	28.858
1.017	14.750			
8/11/2016 9:30:00 AM	41400.000	113.823	19.249	259.438
34650.930	38926.496	25.011	26.470	28.859
1.017	14.753			
8/11/2016 9:45:00 AM	42300.000	113.813	19.249	259.416
34685.160	38965.609	25.039	26.497	28.831
1.017	14.754			
8/11/2016 10:00:00 AM	43200.000	113.808	19.249	259.404
34676.297	38955.426	25.031	26.490	28.838
1.017	14.758			
8/11/2016 10:15:00 AM	44100.000	113.816	19.249	259.421
34660.980	38938.219	25.019	26.478	28.851
1.017	14.756			
8/11/2016 10:30:00 AM	45000.000	113.811	19.248	259.410
34666.348	38944.613	25.024	26.482	28.846
1.017	14.759			
8/11/2016 10:45:00 AM	45900.000	113.810	19.249	259.409
34672.207	38950.539	25.028	26.486	28.842
1.017	14.760			
8/11/2016 11:00:00 AM	46800.000	113.814	19.248	259.417
34666.594	38945.113	25.024	26.483	28.846
1.017	14.762			

8/11/2016 11:15:00 AM	47700.000	113.814	19.250	259.418
34653.418	38929.074	25.013	26.472	28.857
1.017	14.756			
8/11/2016 11:30:00 AM	48600.000	113.811	19.249	259.411
34672.090	38950.926	25.028	26.487	28.842
1.017	14.756			
8/11/2016 11:45:00 AM	49500.000	113.817	19.248	259.424
34670.656	38949.824	25.027	26.486	28.843
1.017	14.762			
8/11/2016 12:00:00 PM	50400.000	113.815	19.250	259.420
34669.184	38946.703	25.025	26.484	28.844
1.017	14.760			
8/11/2016 12:15:00 PM	51300.000	113.815	19.249	259.420
34656.789	38933.445	25.016	26.475	28.854
1.017	14.760			
8/11/2016 12:30:00 PM	52200.000	113.825	19.249	259.442
34685.785	38966.168	25.039	26.497	28.830
1.017	14.757			
8/11/2016 12:45:00 PM	53100.000	113.817	19.249	259.425
34679.953	38959.102	25.034	26.492	28.835
1.017	14.759			
8/11/2016 1:00:00 PM	54000.000	113.821	19.250	259.433
34675.672	38953.992	25.030	26.489	28.839
1.017	14.758			
8/11/2016 1:15:00 PM	54900.000	113.832	19.248	259.457
34672.004	38951.191	25.028	26.487	28.842
1.017	14.750			
8/11/2016 1:30:00 PM	55800.000	113.822	19.249	259.436
34672.418	38950.637	25.028	26.486	28.841
1.017	14.759			
8/11/2016 1:45:00 PM	56700.000	113.830	19.250	259.453
34682.020	38961.121	25.036	26.494	28.833
1.017	14.752			
8/11/2016 2:00:00 PM	57600.000	113.819	19.249	259.429
34682.145	38961.859	25.036	26.494	28.833
1.017	14.760			
8/11/2016 2:15:00 PM	58500.000	113.812	19.248	259.413
34673.172	38952.355	25.029	26.488	28.841
1.017	14.758			
8/11/2016 2:30:00 PM	59400.000	113.815	19.250	259.420
34667.785	38944.773	25.024	26.482	28.845
1.017	14.755			
8/11/2016 2:45:00 PM	60300.000	113.821	19.249	259.433
34688.207	38968.891	25.041	26.499	28.828
1.017	14.764			
8/11/2016 3:00:00 PM	61200.000	113.826	19.249	259.445
34670.637	38948.852	25.027	26.485	28.843
1.017	14.755			
8/11/2016 3:15:00 PM	62100.000	113.833	19.249	259.462
34681.996	38961.613	25.036	26.494	28.833
1.017	14.753			
8/11/2016 3:30:00 PM	63000.000	113.828	19.248	259.448
34684.168	38964.633	25.038	26.496	28.832
1.017	14.754			
8/11/2016 3:45:00 PM	63900.000	113.841	19.249	259.478
34671.871	38950.102	25.028	26.486	28.842
1.017	14.751			

8/11/2016 4:00:00 PM	64800.000	113.851	19.249	259.500
34683.719	38963.473	25.037	26.495	28.832
1.017	14.747			
8/11/2016 4:15:00 PM	65700.000	113.848	19.250	259.496
34672.238	38949.996	25.028	26.486	28.842
1.017	14.754			
8/11/2016 4:30:00 PM	66600.000	113.859	19.249	259.520
34695.078	38976.387	25.046	26.504	28.823
1.017	14.746			
8/11/2016 4:45:00 PM	67500.000	113.864	19.250	259.532
34672.863	38950.992	25.028	26.487	28.841
1.017	14.747			
8/11/2016 5:00:00 PM	68400.000	113.862	19.249	259.527
34676.539	38955.406	25.031	26.490	28.838
1.017	14.747			
8/11/2016 5:15:00 PM	69300.000	113.870	19.249	259.545
34675.484	38954.160	25.031	26.489	28.839
1.017	14.741			
8/11/2016 5:30:00 PM	70200.000	113.868	19.249	259.541
34682.746	38962.457	25.036	26.494	28.833
1.017	14.746			
8/11/2016 5:45:00 PM	71100.000	113.871	19.249	259.546
34669.695	38948.094	25.026	26.485	28.844
1.017	14.742			
8/11/2016 6:00:00 PM	72000.000	113.878	19.247	259.563
34657.875	38935.898	25.018	26.476	28.853
1.017	14.741			
8/11/2016 6:15:00 PM	72900.000	113.890	19.250	259.589
34660.766	38937.176	25.019	26.477	28.851
1.017	14.744			
8/11/2016 6:30:00 PM	73800.000	113.894	19.247	259.599
34677.656	38958.199	25.033	26.492	28.837
1.017	14.741			
8/11/2016 6:45:00 PM	74700.000	113.898	19.249	259.609
34677.781	38956.957	25.033	26.491	28.837
1.017	14.735			
8/11/2016 7:00:00 PM	75600.000	113.896	19.249	259.605
34653.563	38930.113	25.013	26.472	28.857
1.017	14.739			
8/11/2016 7:15:00 PM	76500.000	113.897	19.251	259.607
34667.168	38943.789	25.023	26.482	28.846
1.017	14.739			
8/11/2016 7:30:00 PM	77400.000	113.896	19.248	259.605
34686.199	38966.918	25.040	26.498	28.830
1.017	14.741			
8/11/2016 7:45:00 PM	78300.000	113.908	19.249	259.631
34681.672	38961.762	25.036	26.494	28.834
1.017	14.738			
8/11/2016 8:00:00 PM	79200.000	113.911	19.249	259.639
34670.234	38948.840	25.027	26.485	28.843
1.017	14.739			
8/11/2016 8:15:00 PM	80100.000	113.892	19.249	259.594
34659.074	38935.723	25.017	26.476	28.852
1.017	14.746			
8/11/2016 8:30:00 PM	81000.000	113.904	19.248	259.621
34672.926	38952.152	25.029	26.487	28.841
1.017	14.744			

8/11/2016 8:45:00 PM	81900.000	113.909	19.249	259.634
34672.566	38950.945	25.028	26.487	28.841
1.017	14.739			
8/11/2016 9:00:00 PM	82800.000	113.897	19.248	259.607
34666.445	38944.945	25.024	26.483	28.846
1.017	14.739			
8/11/2016 9:15:00 PM	83700.000	113.910	19.248	259.636
34662.000	38939.953	25.020	26.479	28.850
1.017	14.743			
8/11/2016 9:30:00 PM	84600.000	113.899	19.249	259.610
34686.324	38966.184	25.039	26.497	28.830
1.017	14.749			
8/11/2016 9:45:00 PM	85500.000	113.900	19.249	259.614
34674.578	38953.430	25.030	26.488	28.840
1.017	14.748			
8/11/2016 10:00:00 PM	86400.000	113.905	19.250	259.624
34673.512	38951.426	25.029	26.487	28.840
1.017	14.747			
8/11/2016 10:15:00 PM	87300.000	113.902	19.249	259.619
34680.477	38959.906	25.035	26.493	28.835
1.017	14.748			
8/11/2016 10:30:00 PM	88200.000	113.886	19.249	259.582
34699.645	38981.301	25.050	26.507	28.819
1.017	14.745			
8/11/2016 10:45:00 PM	89100.000	113.886	19.248	259.582
34671.324	38950.645	25.028	26.486	28.842
1.017	14.748			
8/11/2016 11:00:00 PM	90000.000	113.883	19.248	259.575
34679.211	38959.289	25.034	26.492	28.836
1.017	14.743			
8/11/2016 11:15:00 PM	90900.000	113.879	19.248	259.566
34655.484	38932.633	25.015	26.474	28.855
1.017	14.747			
8/11/2016 11:30:00 PM	91800.000	113.867	19.248	259.539
34676.949	38956.746	25.032	26.491	28.838
1.017	14.748			
8/11/2016 11:45:00 PM	92700.000	113.859	19.250	259.521
34669.266	38946.656	25.025	26.484	28.844
1.017	14.747			
8/12/2016 12:00:00 AM	93600.000	113.855	19.248	259.511
34682.016	38962.809	25.037	26.495	28.833
1.017	14.748			
8/12/2016 12:15:00 AM	94500.000	113.855	19.249	259.511
34679.078	38958.707	25.034	26.492	28.836
1.017	14.748			
8/12/2016 12:30:00 AM	95400.000	113.849	19.249	259.497
34666.742	38944.477	25.024	26.482	28.846
1.017	14.749			
8/12/2016 12:45:00 AM	96300.000	113.833	19.248	259.461
34647.805	38923.785	25.009	26.468	28.862
1.017	14.750			
8/12/2016 1:00:00 AM	97200.000	113.830	19.249	259.453
34670.477	38949.043	25.027	26.485	28.843
1.017	14.746			
8/12/2016 1:15:00 AM	98100.000	113.837	19.249	259.469
34676.277	38955.336	25.031	26.490	28.838
1.017	14.744			

8/12/2016 1:30:00 AM	99000.000	113.830	19.249	259.454
34673.578	38951.863	25.029	26.487	28.840
1.017	14.746			
8/12/2016 1:45:00 AM	99900.000	113.827	19.249	259.448
34666.363	38943.836	25.023	26.482	28.846
1.017	14.749			
8/12/2016 2:00:00 AM	100800.000	113.815	19.249	259.419
34679.723	38959.277	25.034	26.492	28.835
1.017	14.743			
8/12/2016 2:15:00 AM	101700.000	113.815	19.248	259.420
34689.328	38970.941	25.042	26.500	28.827
1.017	14.744			
8/12/2016 2:30:00 AM	102600.000	113.809	19.249	259.405
34677.387	38956.805	25.032	26.491	28.837
1.017	14.746			
8/12/2016 2:45:00 AM	103500.000	113.805	19.248	259.396
34656.355	38933.613	25.016	26.475	28.855
1.017	14.742			
8/12/2016 3:00:00 AM	104400.000	113.806	19.248	259.399
34660.289	38938.102	25.019	26.478	28.851
1.017	14.736			
8/12/2016 3:15:00 AM	105300.000	113.796	19.249	259.376
34653.082	38929.570	25.013	26.472	28.857
1.017	14.736			
8/12/2016 3:30:00 AM	106200.000	113.792	19.248	259.368
34664.914	38943.082	25.023	26.481	28.848
1.017	14.744			
8/12/2016 3:45:00 AM	107100.000	113.791	19.249	259.364
34658.809	38935.781	25.018	26.476	28.853
1.017	14.739			
8/12/2016 4:00:00 AM	108000.000	113.788	19.249	259.357
34667.578	38945.125	25.024	26.483	28.845
1.017	14.743			
8/12/2016 4:15:00 AM	108900.000	113.796	19.249	259.377
34678.570	38957.766	25.033	26.491	28.836
1.017	14.736			
8/12/2016 4:30:00 AM	109800.000	113.788	19.249	259.359
34651.867	38927.691	25.012	26.471	28.858
1.017	14.742			
8/12/2016 4:45:00 AM	110700.000	113.823	19.248	259.437
34684.859	38965.488	25.039	26.497	28.831
1.017	14.737			
8/12/2016 5:00:00 AM	111600.000	113.784	19.248	259.350
34648.516	38924.582	25.010	26.469	28.861
1.017	14.742			
8/12/2016 5:15:00 AM	112500.000	113.781	19.249	259.343
34680.559	38959.707	25.035	26.493	28.835
1.017	14.744			
8/12/2016 5:30:00 AM	113400.000	113.795	19.248	259.374
34684.313	38964.797	25.038	26.496	28.831
1.017	14.746			
8/12/2016 5:45:00 AM	114300.000	113.790	19.249	259.362
34688.910	38969.750	25.042	26.499	28.828
1.017	14.748			
8/12/2016 6:00:00 AM	115200.000	113.790	19.249	259.362
34658.285	38935.418	25.017	26.476	28.853
1.017	14.751			

8/12/2016 6:15:00 AM	116100.000	113.807	19.249	259.400
34673.172	38951.563	25.029	26.487	28.841
1.017	14.745			
8/12/2016 6:30:00 AM	117000.000	113.798	19.248	259.381
34677.504	38957.371	25.033	26.491	28.837
1.017	14.750			
8/12/2016 6:45:00 AM	117900.000	113.808	19.249	259.404
34680.891	38960.078	25.035	26.493	28.834
1.017	14.751			
8/12/2016 7:00:00 AM	118800.000	113.810	19.249	259.409
34666.563	38944.785	25.024	26.482	28.846
1.017	14.755			
8/12/2016 7:15:00 AM	119700.000	113.817	19.249	259.425
34675.398	38954.203	25.031	26.489	28.839
1.017	14.758			
8/12/2016 7:30:00 AM	120600.000	113.807	19.249	259.402
34670.848	38949.531	25.027	26.486	28.843
1.017	14.760			
8/12/2016 7:45:00 AM	121500.000	113.806	19.248	259.399
34659.086	38936.750	25.018	26.477	28.852
1.017	14.765			
8/12/2016 8:00:00 AM	122400.000	113.821	19.249	259.432
34674.219	38953.316	25.030	26.488	28.840
1.017	14.758			
8/12/2016 8:15:00 AM	123300.000	113.811	19.249	259.410
34686.941	38967.469	25.040	26.498	28.829
1.017	14.768			
8/12/2016 8:30:00 AM	124200.000	113.816	19.248	259.421
34677.984	38957.980	25.033	26.491	28.837
1.017	14.763			
8/12/2016 8:45:00 AM	125100.000	113.828	19.249	259.449
34665.121	38942.438	25.022	26.481	28.847
1.017	14.759			
8/12/2016 9:00:00 AM	126000.000	113.818	19.249	259.426
34651.324	38927.527	25.012	26.471	28.859
1.017	14.761			
8/12/2016 9:15:00 AM	126900.000	113.820	19.249	259.432
34666.629	38944.719	25.024	26.482	28.846
1.017	14.764			
8/12/2016 9:30:00 AM	127800.000	113.838	19.249	259.471
34678.746	38958.039	25.033	26.491	28.836
1.017	14.765			
8/12/2016 9:45:00 AM	128700.000	113.828	19.248	259.449
34675.242	38954.977	25.031	26.489	28.839
1.017	14.764			
8/12/2016 10:00:00 AM	129600.000	113.830	19.249	259.453
34670.469	38948.664	25.027	26.485	28.843
1.017	14.768			
8/12/2016 10:15:00 AM	130500.000	113.840	19.249	259.477
34677.059	38956.367	25.032	26.490	28.838
1.017	14.766			
8/12/2016 10:30:00 AM	131400.000	113.848	19.248	259.494
34679.391	38959.344	25.034	26.492	28.836
1.017	14.759			
8/12/2016 10:45:00 AM	132300.000	113.841	19.249	259.478
34671.473	38949.574	25.027	26.486	28.842
1.017	14.766			

8/12/2016 11:00:00 AM	133200.000	113.845	19.249	259.487
34651.797	38927.395	25.012	26.471	28.859
1.017	14.770			
8/12/2016 11:15:00 AM	134100.000	113.846	19.249	259.491
34668.184	38945.957	25.025	26.483	28.845
1.017	14.767			
8/12/2016 11:30:00 AM	135000.000	113.860	19.249	259.521
34668.109	38946.383	25.025	26.484	28.845
1.017	14.764			
8/12/2016 11:45:00 AM	135900.000	113.852	19.249	259.504
34689.309	38969.906	25.042	26.500	28.827
1.017	14.763			
8/12/2016 12:00:00 PM	136800.000	113.859	19.249	259.520
34685.313	38965.555	25.039	26.497	28.831
1.017	14.768			
8/12/2016 12:15:00 PM	137700.000	113.848	19.250	259.494
34646.273	38921.121	25.007	26.466	28.863
1.017	14.767			
8/12/2016 12:30:00 PM	138600.000	113.851	19.249	259.502
34686.777	38967.285	25.040	26.498	28.829
1.017	14.769			
8/12/2016 12:45:00 PM	139500.000	113.860	19.249	259.523
34665.516	38943.176	25.023	26.481	28.847
1.017	14.767			
8/12/2016 1:00:00 PM	140400.000	113.850	19.248	259.500
34673.910	38953.109	25.030	26.488	28.840
1.017	14.764			
8/12/2016 1:15:00 PM	141300.000	113.863	19.248	259.529
34655.648	38932.965	25.015	26.474	28.855
1.017	14.758			
8/12/2016 1:30:00 PM	142200.000	113.866	19.248	259.537
34682.395	38963.301	25.037	26.495	28.833
1.017	14.760			
8/12/2016 1:45:00 PM	143100.000	113.864	19.249	259.532
34659.668	38936.391	25.018	26.477	28.852
1.017	14.760			
8/12/2016 2:00:00 PM	144000.000	113.871	19.250	259.548
34672.723	38950.762	25.028	26.487	28.841
1.017	14.763			
8/12/2016 2:15:00 PM	144900.000	113.870	19.249	259.545
34694.293	38975.504	25.046	26.503	28.823
1.017	14.760			
8/12/2016 2:30:00 PM	145800.000	113.868	19.249	259.541
34685.176	38965.555	25.039	26.497	28.831
1.017	14.761			
8/12/2016 2:45:00 PM	146700.000	113.885	19.249	259.579
34662.980	38940.176	25.021	26.479	28.849
1.017	14.759			
8/12/2016 3:00:00 PM	147600.000	113.887	19.249	259.583
34683.758	38963.301	25.037	26.495	28.832
1.017	14.759			
8/12/2016 3:15:00 PM	148500.000	113.893	19.249	259.597
34681.098	38961.113	25.036	26.494	28.834
1.017	14.757			
8/12/2016 3:30:00 PM	149400.000	113.885	19.250	259.579
34670.637	38948.418	25.027	26.485	28.843
1.017	14.758			

8/12/2016 3:45:00 PM	150300.000	113.893	19.248	259.598
34703.109	38986.207	25.053	26.511	28.816
1.017	14.753			
8/12/2016 4:00:00 PM	151200.000	113.895	19.249	259.602
34665.746	38943.867	25.023	26.482	28.847
1.017	14.761			
8/12/2016 4:15:00 PM	152100.000	113.904	19.249	259.623
34683.695	38963.305	25.037	26.495	28.832
1.017	14.753			
8/12/2016 4:30:00 PM	153000.000	113.900	19.249	259.614
34691.121	38972.082	25.043	26.501	28.826
1.017	14.753			
8/12/2016 4:45:00 PM	153900.000	113.921	19.250	259.662
34677.977	38956.582	25.032	26.490	28.837
1.017	14.751			
8/12/2016 5:00:00 PM	154800.000	113.903	19.249	259.619
34696.582	38978.148	25.048	26.505	28.821
1.017	14.749			
8/12/2016 5:15:00 PM	155700.000	113.914	19.250	259.644
34669.223	38946.746	25.025	26.484	28.844
1.017	14.745			
8/12/2016 5:30:00 PM	156600.000	113.924	19.248	259.668
34670.203	38949.023	25.027	26.485	28.843
1.017	14.746			
8/12/2016 5:45:00 PM	157500.000	113.927	19.249	259.675
34668.367	38946.813	25.025	26.484	28.845
1.017	14.735			
8/12/2016 6:00:00 PM	158400.000	113.936	19.249	259.696
34682.621	38962.758	25.037	26.495	28.833
1.017	14.737			
8/12/2016 6:15:00 PM	159300.000	113.944	19.249	259.714
34679.004	38958.250	25.033	26.492	28.836
1.017	14.733			
8/12/2016 6:30:00 PM	160200.000	113.945	19.249	259.715
34670.457	38949.090	25.027	26.485	28.843
1.017	14.735			
8/12/2016 6:45:00 PM	161100.000	113.953	19.249	259.735
34670.621	38949.344	25.027	26.486	28.843
1.017	14.732			
8/12/2016 7:00:00 PM	162000.000	113.957	19.249	259.744
34672.090	38950.563	25.028	26.486	28.842
1.017	14.730			
8/12/2016 7:15:00 PM	162900.000	113.961	19.248	259.751
34665.645	38944.117	25.023	26.482	28.847
1.017	14.732			
8/12/2016 7:30:00 PM	163800.000	113.952	19.250	259.732
34675.492	38953.875	25.030	26.489	28.839
1.017	14.732			
8/12/2016 7:45:00 PM	164700.000	113.977	19.249	259.788
34683.504	38963.309	25.037	26.495	28.832
1.017	14.724			
8/12/2016 8:00:00 PM	165600.000	113.973	19.249	259.780
34688.793	38969.109	25.041	26.499	28.828
1.017	14.728			
8/12/2016 8:15:00 PM	166500.000	113.967	19.248	259.766
34659.605	38937.551	25.019	26.478	28.852
1.017	14.734			

8/12/2016 8:30:00 PM	167400.000	113.971	19.249	259.774
34687.129	38967.379	25.040	26.498	28.829
1.017	14.734			
8/12/2016 8:45:00 PM	168300.000	113.972	19.248	259.778
34661.090	38938.930	25.020	26.478	28.851
1.017	14.735			
8/12/2016 9:00:00 PM	169200.000	114.009	19.249	259.861
34647.813	38923.582	25.009	26.468	28.862
1.017	14.734			
8/12/2016 9:15:00 PM	170100.000	113.986	19.249	259.808
34668.016	38945.906	25.025	26.483	28.845
1.017	14.736			
8/12/2016 9:30:00 PM	171000.000	113.972	19.248	259.778
34667.141	38945.508	25.024	26.483	28.846
1.017	14.741			
8/12/2016 9:45:00 PM	171900.000	113.975	19.249	259.783
34684.469	38964.902	25.038	26.496	28.831
1.017	14.739			
8/12/2016 10:00:00 PM	172800.000	113.970	19.249	259.772
34647.813	38923.582	25.009	26.468	28.862
1.017	14.737			
8/12/2016 10:15:00 PM	173700.000	113.968	19.247	259.768
34666.676	38946.008	25.025	26.483	28.846
1.017	14.744			
8/12/2016 10:30:00 PM	174600.000	113.955	19.248	259.738
34671.648	38950.863	25.028	26.487	28.842
1.017	14.746			
8/12/2016 10:45:00 PM	175500.000	113.964	19.249	259.760
34674.191	38953.063	25.030	26.488	28.840
1.017	14.737			
8/12/2016 11:00:00 PM	176400.000	113.953	19.249	259.734
34668.707	38947.055	25.026	26.484	28.844
1.017	14.739			
8/12/2016 11:15:00 PM	177300.000	113.953	19.248	259.735
34670.563	38949.426	25.027	26.486	28.843
1.017	14.739			
8/12/2016 11:30:00 PM	178200.000	113.946	19.248	259.718
34667.184	38945.848	25.025	26.483	28.846
1.017	14.738			
8/12/2016 11:45:00 PM	179100.000	113.945	19.250	259.715
34673.918	38952.105	25.029	26.487	28.840
1.017	14.733			
8/13/2016 12:00:00 AM	180000.000	113.949	19.249	259.724
34699.766	38981.652	25.050	26.508	28.819
1.017	14.732			
8/13/2016 12:15:00 AM	180900.000	113.928	19.249	259.678
34652.832	38929.289	25.013	26.472	28.858
1.017	14.735			
8/13/2016 12:30:00 AM	181800.000	113.935	19.249	259.692
34645.996	38921.539	25.007	26.467	28.863
1.017	14.732			
8/13/2016 12:45:00 AM	182700.000	113.925	19.248	259.669
34685.617	38966.262	25.039	26.497	28.830
1.017	14.731			
8/13/2016 1:00:00 AM	183600.000	113.922	19.248	259.663
34689.156	38970.895	25.042	26.500	28.827
1.017	14.728			

8/13/2016 1:15:00 AM	184500.000	113.908	19.249	259.631
34652.219	38928.602	25.012	26.471	28.858
1.017	14.731			
8/13/2016 1:30:00 AM	185400.000	113.893	19.249	259.597
34666.238	38943.988	25.023	26.482	28.847
1.017	14.737			
8/13/2016 1:45:00 AM	186300.000	113.886	19.249	259.582
34668.039	38946.375	25.025	26.484	28.845
1.017	14.728			
8/13/2016 2:00:00 AM	187200.000	113.879	19.248	259.565
34659.734	38937.555	25.019	26.478	28.852
1.017	14.726			
8/13/2016 2:15:00 AM	188100.000	113.872	19.247	259.550
34658.621	38936.883	25.018	26.477	28.853
1.017	14.729			
8/13/2016 2:30:00 AM	189000.000	113.868	19.248	259.541
34653.246	38929.898	25.013	26.472	28.857
1.017	14.725			
8/13/2016 2:45:00 AM	189900.000	113.863	19.249	259.528
34668.859	38947.367	25.026	26.484	28.844
1.017	14.719			
8/13/2016 3:00:00 AM	190800.000	113.852	19.248	259.505
34650.859	38927.293	25.011	26.471	28.859
1.017	14.723			
8/13/2016 3:15:00 AM	191700.000	113.850	19.250	259.500
34660.770	38937.047	25.018	26.477	28.851
1.017	14.723			
8/13/2016 3:30:00 AM	192600.000	113.837	19.248	259.469
34654.055	38930.879	25.014	26.473	28.857
1.017	14.722			
8/13/2016 3:45:00 AM	193500.000	113.834	19.248	259.464
34652.789	38929.527	25.013	26.472	28.858
1.017	14.723			
8/13/2016 4:00:00 AM	194400.000	113.836	19.248	259.468
34652.285	38928.816	25.013	26.472	28.858
1.017	14.718			
8/13/2016 4:15:00 AM	195300.000	113.843	19.249	259.484
34655.395	38931.945	25.015	26.474	28.856
1.017	14.718			
8/13/2016 4:30:00 AM	196200.000	113.825	19.247	259.443
34689.758	38971.941	25.043	26.501	28.827
1.017	14.712			
8/13/2016 4:45:00 AM	197100.000	113.831	19.248	259.456
34654.289	38931.215	25.014	26.473	28.856
1.017	14.716			
8/13/2016 5:00:00 AM	198000.000	113.824	19.249	259.440
34677.496	38956.859	25.032	26.491	28.837
1.017	14.713			
8/13/2016 5:15:00 AM	198900.000	113.820	19.249	259.432
34662.543	38940.199	25.021	26.479	28.850
1.017	14.716			
8/13/2016 5:30:00 AM	199800.000	113.813	19.249	259.415
34669.449	38947.301	25.026	26.484	28.844
1.017	14.717			
8/13/2016 5:45:00 AM	200700.000	113.821	19.248	259.434
34691.234	38972.648	25.044	26.501	28.826
1.017	14.716			

8/13/2016 6:00:00 AM	201600.000	113.809	19.249	259.407
34672.168	38950.941	25.028	26.487	28.842
1.017	14.720			
8/13/2016 6:15:00 AM	202500.000	113.815	19.249	259.420
34655.043	38931.195	25.014	26.473	28.856
1.017	14.716			
8/13/2016 6:30:00 AM	203400.000	113.827	19.248	259.447
34659.184	38936.859	25.018	26.477	28.852
1.017	14.715			
8/13/2016 6:45:00 AM	204300.000	113.823	19.249	259.438
34655.695	38932.367	25.015	26.474	28.855
1.017	14.717			
8/13/2016 7:00:00 AM	205200.000	113.830	19.249	259.454
34682.805	38962.602	25.037	26.495	28.833
1.017	14.724			
8/13/2016 7:15:00 AM	206100.000	113.830	19.247	259.453
34658.520	38936.625	25.018	26.477	28.853
1.017	14.722			
8/13/2016 7:30:00 AM	207000.000	113.825	19.248	259.441
34686.680	38967.750	25.040	26.498	28.830
1.017	14.730			
8/13/2016 7:45:00 AM	207900.000	113.819	19.248	259.428
34664.289	38942.379	25.022	26.481	28.848
1.017	14.733			
8/13/2016 8:00:00 AM	208800.000	113.837	19.248	259.469
34673.004	38952.316	25.029	26.488	28.841
1.017	14.730			
8/13/2016 8:15:00 AM	209700.000	113.829	19.248	259.451
34693.176	38974.828	25.045	26.503	28.824
1.017	14.732			
8/13/2016 8:30:00 AM	210600.000	113.834	19.250	259.462
34679.859	38958.852	25.034	26.492	28.835
1.017	14.731			
8/13/2016 8:45:00 AM	211500.000	113.841	19.248	259.479
34680.813	38961.156	25.036	26.494	28.834
1.017	14.730			
8/13/2016 9:00:00 AM	212400.000	113.837	19.248	259.470
34659.473	38937.113	25.018	26.477	28.852
1.017	14.733			
8/13/2016 9:15:00 AM	213300.000	113.848	19.249	259.495
34664.246	38941.973	25.022	26.481	28.848
1.017	14.734			
8/13/2016 9:30:00 AM	214200.000	113.851	19.249	259.502
34658.844	38935.387	25.017	26.476	28.853
1.017	14.730			
8/13/2016 9:45:00 AM	215100.000	113.855	19.249	259.512
34675.355	38954.664	25.031	26.489	28.839
1.017	14.731			
8/13/2016 10:00:00 AM	216000.000	113.855	19.247	259.511
34656.770	38934.957	25.017	26.476	28.854
1.017	14.728			
8/13/2016 10:15:00 AM	216900.000	113.853	19.248	259.506
34654.395	38931.910	25.015	26.474	28.856
1.017	14.728			
8/13/2016 10:30:00 AM	217800.000	113.858	19.250	259.518
34692.816	38973.113	25.044	26.502	28.824
1.017	14.727			

8/13/2016 10:45:00 AM	218700.000	113.865	19.247	259.534
34664.207	38943.313	25.023	26.481	28.848
1.017	14.728			
8/13/2016 11:00:00 AM	219600.000	113.869	19.248	259.542
34679.785	38960.148	25.035	26.493	28.835
1.017	14.730			
8/13/2016 11:15:00 AM	220500.000	113.864	19.249	259.531
34658.508	38935.305	25.017	26.476	28.853
1.017	14.730			
8/13/2016 11:30:00 AM	221400.000	113.866	19.248	259.537
34696.070	38978.730	25.048	26.506	28.822
1.017	14.727			
8/13/2016 11:45:00 AM	222300.000	113.870	19.248	259.546
34659.977	38937.680	25.019	26.478	28.852
1.017	14.722			
8/13/2016 12:00:00 PM	223200.000	113.863	19.248	259.529
34683.262	38963.617	25.037	26.495	28.832
1.017	14.724			
8/13/2016 12:15:00 PM	224100.000	113.878	19.249	259.562
34681.832	38961.645	25.036	26.494	28.834
1.017	14.721			
8/13/2016 12:30:00 PM	225000.000	113.871	19.249	259.547
34662.758	38940.512	25.021	26.480	28.849
1.017	14.723			
8/13/2016 12:45:00 PM	225900.000	113.881	19.249	259.571
34664.289	38941.938	25.022	26.481	28.848
1.017	14.721			
8/13/2016 1:00:00 PM	226800.000	113.875	19.248	259.556
34668.020	38946.570	25.025	26.484	28.845
1.017	14.723			
8/13/2016 1:15:00 PM	227700.000	113.876	19.249	259.558
34676.074	38955.473	25.031	26.490	28.838
1.017	14.717			
8/13/2016 1:30:00 PM	228600.000	113.869	19.249	259.544
34678.703	38958.285	25.033	26.492	28.836
1.017	14.717			
8/13/2016 1:45:00 PM	229500.000	113.872	19.248	259.548
34667.285	38945.668	25.025	26.483	28.846
1.017	14.714			
8/13/2016 2:00:00 PM	230400.000	113.877	19.249	259.561
34650.625	38926.672	25.011	26.470	28.860
1.017	14.716			
8/13/2016 2:15:00 PM	231300.000	113.869	19.248	259.543
34679.500	38959.828	25.035	26.493	28.835
1.017	14.718			
8/13/2016 2:30:00 PM	232200.000	113.875	19.248	259.557
34663.195	38941.297	25.021	26.480	28.849
1.017	14.717			
8/13/2016 2:45:00 PM	233100.000	113.869	19.248	259.543
34682.020	38962.590	25.037	26.495	28.833
1.017	14.714			
8/13/2016 3:00:00 PM	234000.000	113.882	19.249	259.573
34692.031	38973.188	25.044	26.502	28.825
1.017	14.711			
8/13/2016 3:15:00 PM	234900.000	113.884	19.249	259.577
34652.441	38928.922	25.013	26.472	28.858
1.017	14.713			

8/13/2016 3:30:00 PM	235800.000	113.882	19.249	259.571
34692.199	38973.293	25.044	26.502	28.825
1.017	14.710			
8/13/2016 3:45:00 PM	236700.000	113.892	19.248	259.595
34672.391	38951.402	25.029	26.487	28.841
1.017	14.706			
8/13/2016 4:00:00 PM	237600.000	113.895	19.248	259.602
34669.859	38948.852	25.027	26.485	28.843
1.017	14.706			
8/13/2016 4:15:00 PM	238500.000	113.903	19.247	259.619
34662.207	38940.988	25.021	26.480	28.850
1.017	14.703			
8/13/2016 4:30:00 PM	239400.000	113.899	19.249	259.611
34667.426	38945.758	25.025	26.483	28.846
1.017	14.699			
8/13/2016 4:45:00 PM	240300.000	113.912	19.249	259.641
34677.469	38956.969	25.033	26.491	28.837
1.017	14.697			
8/13/2016 5:00:00 PM	241200.000	113.897	19.247	259.607
34688.348	38970.133	25.042	26.500	28.828
1.017	14.697			
8/13/2016 5:15:00 PM	242100.000	113.904	19.248	259.623
34652.063	38929.160	25.013	26.472	28.858
1.017	14.694			
8/13/2016 5:30:00 PM	243000.000	113.911	19.249	259.637
34667.094	38944.871	25.024	26.483	28.846
1.017	14.695			
8/13/2016 5:45:00 PM	243900.000	113.959	19.250	259.748
34672.738	38950.852	25.028	26.487	28.841
1.017	14.690			
8/13/2016 6:00:00 PM	244800.000	113.932	19.248	259.685
34691.594	38973.414	25.044	26.502	28.825
1.017	14.689			
8/13/2016 6:15:00 PM	245700.000	113.932	19.249	259.686
34690.203	38971.133	25.043	26.500	28.827
1.017	14.689			
8/13/2016 6:30:00 PM	246600.000	113.937	19.248	259.698
34678.590	38958.367	25.034	26.492	28.836
1.017	14.689			
8/13/2016 6:45:00 PM	247500.000	113.940	19.249	259.705
34672.238	38951.023	25.028	26.487	28.842
1.017	14.690			
8/13/2016 7:00:00 PM	248400.000	113.948	19.248	259.723
34679.246	38959.477	25.034	26.492	28.836
1.017	14.693			
8/13/2016 7:15:00 PM	249300.000	113.955	19.248	259.740
34672.238	38951.453	25.029	26.487	28.842
1.017	14.695			
8/13/2016 7:30:00 PM	250200.000	113.967	19.247	259.766
34672.031	38952.023	25.029	26.487	28.842
1.017	14.690			
8/13/2016 7:45:00 PM	251100.000	113.975	19.249	259.783
34677.098	38956.621	25.032	26.491	28.837
1.017	14.687			
8/13/2016 8:00:00 PM	252000.000	113.970	19.249	259.774
34693.293	38974.816	25.045	26.503	28.824
1.017	14.688			

8/13/2016 8:15:00 PM	252900.000	113.987	19.249	259.811
34685.297	38965.027	25.038	26.496	28.831
1.017	14.686			
8/13/2016 8:30:00 PM	253800.000	113.989	19.248	259.816
34672.039	38951.734	25.029	26.487	28.842
1.017	14.688			
8/13/2016 8:45:00 PM	254700.000	113.979	19.248	259.793
34687.293	38968.438	25.041	26.499	28.829
1.017	14.692			
8/13/2016 9:00:00 PM	255600.000	113.996	19.248	259.832
34656.945	38934.129	25.016	26.475	28.854
1.017	14.691			
8/13/2016 9:15:00 PM	256500.000	114.001	19.249	259.843
34687.277	38967.988	25.040	26.498	28.829
1.017	14.693			
8/13/2016 9:30:00 PM	257400.000	113.993	19.248	259.826
34657.324	38935.070	25.017	26.476	28.854
1.017	14.693			
8/13/2016 9:45:00 PM	258300.000	114.001	19.248	259.842
34696.484	38978.617	25.048	26.505	28.821
1.017	14.692			
8/13/2016 10:00:00 PM	259200.000	114.005	19.248	259.852
34671.699	38950.703	25.028	26.486	28.842
1.017	14.696			
8/13/2016 10:15:00 PM	260100.000	113.995	19.248	259.829
34665.027	38943.641	25.023	26.482	28.848
1.017	14.697			
8/13/2016 10:30:00 PM	261000.000	113.988	19.248	259.814
34657.703	38935.195	25.017	26.476	28.854
1.017	14.698			
8/13/2016 10:45:00 PM	261900.000	113.989	19.248	259.816
34674.930	38954.258	25.031	26.489	28.839
1.017	14.697			
8/13/2016 11:00:00 PM	262800.000	113.990	19.249	259.817
34639.613	38914.512	25.002	26.462	28.869
1.017	14.695			
8/13/2016 11:15:00 PM	263700.000	113.970	19.247	259.773
34679.535	38960.457	25.035	26.493	28.835
1.017	14.697			
8/13/2016 11:30:00 PM	264600.000	113.984	19.249	259.805
34674.465	38953.664	25.030	26.488	28.840
1.017	14.693			
8/13/2016 11:45:00 PM	265500.000	113.978	19.248	259.792
34676.363	38956.090	25.032	26.490	28.838
1.017	14.692			
8/14/2016 12:00:00 AM	266400.000	113.973	19.248	259.779
34688.156	38969.484	25.041	26.499	28.828
1.017	14.694			
8/14/2016 12:15:00 AM	267300.000	113.963	19.248	259.758
34668.355	38947.016	25.025	26.484	28.845
1.017	14.693			
8/14/2016 12:30:00 AM	268200.000	113.960	19.247	259.750
34672.059	38952.055	25.029	26.487	28.842
1.017	14.692			
8/14/2016 12:45:00 AM	269100.000	113.951	19.248	259.729
34678.301	38958.191	25.033	26.492	28.836
1.017	14.690			

8/14/2016 1:00:00 AM	270000.000	113.951	19.248	259.729
34664.922	38943.605	25.023	26.482	28.848
1.017	14.694			
8/14/2016 1:15:00 AM	270900.000	113.937	19.248	259.698
34676.656	38956.195	25.032	26.490	28.838
1.017	14.690			
8/14/2016 1:30:00 AM	271800.000	113.924	19.247	259.669
34641.027	38917.047	25.004	26.464	28.868
1.017	14.689			
8/14/2016 1:45:00 AM	272700.000	113.910	19.248	259.636
34672.863	38952.594	25.029	26.488	28.841
1.017	14.691			
8/14/2016 2:00:00 AM	273600.000	113.905	19.247	259.624
34660.746	38939.199	25.020	26.479	28.851
1.017	14.688			
8/14/2016 2:15:00 AM	274500.000	113.895	19.248	259.601
34666.926	38945.773	25.025	26.483	28.846
1.017	14.687			
8/14/2016 2:30:00 AM	275400.000	113.891	19.247	259.592
34663.254	38942.164	25.022	26.481	28.849
1.017	14.686			
8/14/2016 2:45:00 AM	276300.000	113.892	19.248	259.595
34654.203	38931.563	25.014	26.473	28.857
1.017	14.683			
8/14/2016 3:00:00 AM	277200.000	113.879	19.247	259.565
34672.273	38952.152	25.029	26.487	28.841
1.017	14.679			
8/14/2016 3:15:00 AM	278100.000	113.878	19.248	259.563
34645.414	38921.469	25.007	26.467	28.864
1.017	14.676			
8/14/2016 3:30:00 AM	279000.000	113.861	19.247	259.525
34660.145	38938.523	25.019	26.478	28.852
1.017	14.680			
8/14/2016 3:45:00 AM	279900.000	113.852	19.248	259.504
34650.074	38926.840	25.011	26.470	28.860
1.017	14.678			
8/14/2016 4:00:00 AM	280800.000	113.858	19.248	259.518
34666.473	38944.977	25.024	26.483	28.846
1.017	14.684			
8/14/2016 4:15:00 AM	281700.000	113.829	19.248	259.451
34671.699	38950.629	25.028	26.486	28.842
1.017	14.684			
8/14/2016 4:30:00 AM	282600.000	113.829	19.249	259.452
34639.051	38913.738	25.002	26.461	28.869
1.017	14.684			
8/14/2016 4:45:00 AM	283500.000	113.828	19.248	259.450
34663.535	38941.676	25.022	26.480	28.849
1.017	14.683			
8/14/2016 5:00:00 AM	284400.000	113.832	19.248	259.459
34661.391	38939.770	25.020	26.479	28.851
1.017	14.681			
8/14/2016 5:15:00 AM	285300.000	113.819	19.247	259.428
34661.098	38939.598	25.020	26.479	28.851
1.017	14.687			
8/14/2016 5:30:00 AM	286200.000	113.818	19.248	259.425
34660.188	38937.770	25.019	26.478	28.852
1.017	14.685			

8/14/2016 5:45:00 AM	287100.000	113.823	19.248	259.437
34677.012	38956.965	25.033	26.491	28.838
1.017	14.689			
8/14/2016 6:00:00 AM	288000.000	113.818	19.248	259.425
34646.570	38922.988	25.008	26.468	28.863
1.017	14.687			
8/14/2016 6:15:00 AM	288900.000	113.808	19.248	259.405
34682.227	38963.047	25.037	26.495	28.833
1.017	14.697			
8/14/2016 6:30:00 AM	289800.000	113.815	19.249	259.420
34672.508	38951.324	25.029	26.487	28.841
1.017	14.692			
8/14/2016 6:45:00 AM	290700.000	113.821	19.248	259.432
34678.301	38958.480	25.034	26.492	28.836
1.017	14.693			
8/14/2016 7:00:00 AM	291600.000	113.816	19.248	259.422
34633.883	38908.734	24.998	26.458	28.873
1.017	14.696			
8/14/2016 7:15:00 AM	292500.000	113.811	19.248	259.411
34678.934	38959.262	25.034	26.492	28.836
1.017	14.700			
8/14/2016 7:30:00 AM	293400.000	113.829	19.249	259.452
34645.309	38920.699	25.007	26.466	28.864
1.017	14.689			
8/14/2016 7:45:00 AM	294300.000	113.825	19.247	259.442
34673.156	38953.145	25.030	26.488	28.841
1.017	14.697			
8/14/2016 8:00:00 AM	295200.000	113.833	19.248	259.461
34661.840	38940.145	25.021	26.479	28.850
1.017	14.695			
8/14/2016 8:15:00 AM	296100.000	113.824	19.248	259.441
34685.438	38966.719	25.039	26.497	28.831
1.017	14.702			
8/14/2016 8:30:00 AM	297000.000	113.836	19.249	259.467
34668.277	38946.641	25.025	26.484	28.845
1.017	14.702			
8/14/2016 8:45:00 AM	297900.000	113.832	19.248	259.458
34660.598	38938.879	25.020	26.478	28.851
1.017	14.704			
8/14/2016 9:00:00 AM	298800.000	113.833	19.247	259.461
34672.926	38952.953	25.030	26.488	28.841
1.017	14.703			
8/14/2016 9:15:00 AM	299700.000	113.851	19.247	259.501
34665.109	38944.102	25.023	26.482	28.847
1.017	14.703			
8/14/2016 9:30:00 AM	300600.000	113.846	19.248	259.490
34674.512	38953.934	25.030	26.489	28.840
1.017	14.701			
8/14/2016 9:45:00 AM	301500.000	113.856	19.248	259.513
34675.656	38955.293	25.031	26.490	28.839
1.017	14.705			
8/14/2016 10:00:00 AM	302400.000	113.850	19.248	259.500
34674.449	38954.156	25.031	26.489	28.840
1.017	14.711			
8/14/2016 10:15:00 AM	303300.000	113.852	19.248	259.505
34683.605	38964.375	25.038	26.496	28.832
1.017	14.712			

8/14/2016 10:30:00 AM	304200.000	113.866	19.249	259.535
34683.934	38963.938	25.038	26.495	28.832
1.017	14.704			
8/14/2016 10:45:00 AM	305100.000	113.861	19.249	259.524
34678.609	38957.957	25.033	26.491	28.836
1.017	14.709			
8/14/2016 11:00:00 AM	306000.000	113.862	19.248	259.527
34686.746	38968.039	25.040	26.498	28.829
1.017	14.708			
8/14/2016 11:15:00 AM	306900.000	113.875	19.248	259.557
34670.594	38949.754	25.027	26.486	28.843
1.017	14.704			
8/14/2016 11:30:00 AM	307800.000	113.876	19.248	259.558
34660.461	38938.441	25.019	26.478	28.851
1.017	14.703			
8/14/2016 11:45:00 AM	308700.000	113.879	19.248	259.565
34692.637	38974.656	25.045	26.503	28.825
1.017	14.703			
8/14/2016 12:00:00 PM	309600.000	113.879	19.249	259.564
34664.359	38941.949	25.022	26.481	28.848
1.017	14.706			
8/14/2016 12:15:00 PM	310500.000	113.884	19.248	259.576
34661.535	38939.500	25.020	26.479	28.850
1.017	14.703			
8/14/2016 12:30:00 PM	311400.000	113.886	19.247	259.581
34666.230	38945.586	25.024	26.483	28.847
1.017	14.699			
8/14/2016 12:45:00 PM	312300.000	113.877	19.248	259.561
34678.855	38959.391	25.034	26.492	28.836
1.017	14.704			
8/14/2016 1:00:00 PM	313200.000	113.892	19.248	259.594
34665.996	38944.879	25.024	26.483	28.847
1.017	14.695			
8/14/2016 1:15:00 PM	314100.000	113.892	19.248	259.594
34645.930	38922.270	25.008	26.467	28.863
1.017	14.701			
8/14/2016 1:30:00 PM	315000.000	113.893	19.248	259.598
34667.602	38946.168	25.025	26.483	28.845
1.017	14.698			
8/14/2016 1:45:00 PM	315900.000	113.880	19.248	259.568
34675.500	38955.043	25.031	26.489	28.839
1.017	14.705			
8/14/2016 2:00:00 PM	316800.000	113.886	19.248	259.582
34662.137	38940.176	25.021	26.479	28.850
1.017	14.699			
8/14/2016 2:15:00 PM	317700.000	113.893	19.247	259.598
34677.434	38958.094	25.033	26.492	28.837
1.017	14.691			
8/14/2016 2:30:00 PM	318600.000	113.886	19.247	259.582
34676.480	38957.172	25.033	26.491	28.838
1.017	14.697			
8/14/2016 2:45:00 PM	319500.000	113.881	19.248	259.571
34668.328	38947.277	25.026	26.484	28.845
1.017	14.698			
8/14/2016 3:00:00 PM	320400.000	113.893	19.248	259.596
34663.922	38942.328	25.022	26.481	28.848
1.017	14.691			

8/14/2016 3:15:00 PM	321300.000	113.889	19.248	259.589
34656.477	38933.965	25.016	26.475	28.855
1.017	14.690			
8/14/2016 3:30:00 PM	322200.000	113.902	19.247	259.618
34652.422	38929.773	25.013	26.472	28.858
1.017	14.691			
8/14/2016 3:45:00 PM	323100.000	113.893	19.248	259.597
34659.762	38937.508	25.019	26.478	28.852
1.017	14.692			
8/14/2016 4:00:00 PM	324000.000	113.896	19.247	259.604
34660.750	38939.785	25.020	26.479	28.851
1.017	14.686			
8/14/2016 4:15:00 PM	324900.000	113.889	19.249	259.588
34683.250	38963.320	25.037	26.495	28.832
1.017	14.693			
8/14/2016 4:30:00 PM	325800.000	113.904	19.247	259.622
34662.660	38941.352	25.021	26.480	28.849
1.017	14.683			
8/14/2016 4:45:00 PM	326700.000	113.900	19.247	259.614
34672.848	38952.723	25.029	26.488	28.841
1.017	14.685			
8/14/2016 5:00:00 PM	327600.000	113.910	19.248	259.637
34654.840	38932.277	25.015	26.474	28.856
1.017	14.691			
8/14/2016 5:15:00 PM	328500.000	113.910	19.248	259.635
34655.219	38932.621	25.015	26.474	28.856
1.017	14.689			
8/14/2016 5:30:00 PM	329400.000	113.919	19.248	259.657
34663.582	38942.102	25.022	26.481	28.849
1.017	14.686			
8/14/2016 5:45:00 PM	330300.000	113.919	19.247	259.656
34678.613	38959.199	25.034	26.492	28.836
1.017	14.686			
8/14/2016 6:00:00 PM	331200.000	113.927	19.247	259.674
34661.395	38940.223	25.021	26.479	28.851
1.017	14.688			
8/14/2016 6:15:00 PM	332100.000	113.932	19.248	259.686
34655.031	38932.125	25.015	26.474	28.856
1.017	14.688			
8/14/2016 6:30:00 PM	333000.000	113.936	19.247	259.695
34651.875	38929.305	25.013	26.472	28.858
1.017	14.684			
8/14/2016 6:45:00 PM	333900.000	113.944	19.248	259.713
34647.910	38924.340	25.009	26.469	28.862
1.017	14.683			
8/14/2016 7:00:00 PM	334800.000	113.949	19.248	259.726
34671.816	38950.906	25.028	26.487	28.842
1.017	14.685			
8/14/2016 7:15:00 PM	335700.000	113.948	19.248	259.722
34672.594	38952.070	25.029	26.487	28.841
1.017	14.687			
8/14/2016 7:30:00 PM	336600.000	113.967	19.248	259.766
34687.199	38968.699	25.041	26.499	28.829
1.017	14.686			
8/14/2016 7:45:00 PM	337500.000	113.964	19.249	259.759
34673.703	38952.668	25.030	26.488	28.840
1.017	14.686			

8/14/2016 8:00:00 PM	338400.000	113.977	19.249	259.790
34669.965	38948.609	25.027	26.485	28.843
1.017	14.689			
8/14/2016 8:15:00 PM	339300.000	113.982	19.248	259.800
34672.191	38951.906	25.029	26.487	28.842
1.017	14.688			
8/14/2016 8:30:00 PM	340200.000	113.984	19.247	259.804
34664.207	38943.313	25.023	26.481	28.848
1.017	14.694			
8/14/2016 8:45:00 PM	341100.000	113.990	19.248	259.818
34656.992	38934.328	25.016	26.475	28.854
1.017	14.690			
8/14/2016 9:00:00 PM	342000.000	113.993	19.248	259.825
34679.945	38960.184	25.035	26.493	28.835
1.017	14.700			
8/14/2016 9:15:00 PM	342900.000	113.997	19.247	259.835
34678.039	38958.699	25.034	26.492	28.837
1.017	14.696			
8/14/2016 9:30:00 PM	343800.000	114.002	19.248	259.847
34653.098	38929.730	25.013	26.472	28.857
1.017	14.698			
8/14/2016 9:45:00 PM	344700.000	114.011	19.248	259.867
34646.934	38923.461	25.009	26.468	28.863
1.017	14.698			
8/14/2016 10:00:00 PM	345600.000	114.007	19.248	259.858
34647.781	38924.414	25.009	26.469	28.862
1.017	14.699			
8/14/2016 10:15:00 PM	346500.000	114.017	19.248	259.879
34658.473	38935.988	25.018	26.476	28.853
1.017	14.698			
8/14/2016 10:30:00 PM	347400.000	114.014	19.248	259.873
34660.191	38938.426	25.019	26.478	28.852
1.017	14.700			
8/14/2016 10:45:00 PM	348300.000	114.015	19.248	259.875
34668.984	38948.086	25.026	26.485	28.844
1.017	14.700			
8/14/2016 11:00:00 PM	349200.000	114.022	19.248	259.892
34662.750	38940.945	25.021	26.480	28.849
1.017	14.701			
8/14/2016 11:15:00 PM	350100.000	114.021	19.248	259.890
34659.016	38936.672	25.018	26.477	28.853
1.017	14.700			
8/14/2016 11:30:00 PM	351000.000	114.013	19.248	259.870
34674.078	38953.738	25.030	26.489	28.840
1.017	14.700			
8/14/2016 11:45:00 PM	351900.000	114.022	19.248	259.892
34694.172	38975.875	25.046	26.504	28.823
1.017	14.698			
8/15/2016 12:00:00 AM	352800.000	113.980	19.248	259.796
34681.242	38961.855	25.036	26.494	28.834
1.017	14.705			
8/15/2016 12:15:00 AM	353700.000	114.004	19.248	259.851
34662.523	38940.609	25.021	26.480	28.850
1.017	14.703			
8/15/2016 12:30:00 AM	354600.000	114.005	19.248	259.853
34675.379	38955.484	25.031	26.490	28.839
1.017	14.704			

8/15/2016 12:45:00 AM	355500.000	113.995	19.247	259.830
34662.125	38940.676	25.021	26.480	28.850
1.017	14.712			
8/15/2016 1:00:00 AM	356400.000	113.988	19.248	259.815
34678.180	38958.344	25.034	26.492	28.837
1.017	14.706			
8/15/2016 1:15:00 AM	357300.000	113.987	19.247	259.812
34673.891	38954.039	25.030	26.489	28.840
1.017	14.709			
8/15/2016 1:30:00 AM	358200.000	113.989	19.248	259.815
34659.160	38936.617	25.018	26.477	28.852
1.017	14.707			
8/15/2016 1:45:00 AM	359100.000	113.980	19.247	259.796
34670.387	38950.031	25.028	26.486	28.843
1.017	14.707			
8/15/2016 2:00:00 AM	360000.000	113.976	19.248	259.787
34677.398	38957.688	25.033	26.491	28.837
1.017	14.704			
8/15/2016 2:15:00 AM	360900.000	113.956	19.247	259.741
34680.090	38961.078	25.035	26.494	28.835
1.017	14.702			
8/15/2016 2:30:00 AM	361800.000	113.956	19.247	259.740
34670.734	38951.070	25.028	26.487	28.843
1.017	14.703			
8/15/2016 2:45:00 AM	362700.000	113.953	19.247	259.734
34651.867	38929.227	25.013	26.472	28.858
1.017	14.698			
8/15/2016 3:00:00 AM	363600.000	113.944	19.246	259.714
34642.297	38919.277	25.006	26.465	28.866
1.017	14.698			
8/15/2016 3:15:00 AM	364500.000	113.938	19.248	259.701
34664.266	38942.496	25.022	26.481	28.848
1.017	14.698			
8/15/2016 3:30:00 AM	365400.000	113.932	19.248	259.686
34672.586	38951.914	25.029	26.487	28.841
1.017	14.695			
8/15/2016 3:45:00 AM	366300.000	113.922	19.247	259.663
34662.574	38941.254	25.021	26.480	28.850
1.017	14.699			
8/15/2016 4:00:00 AM	367200.000	113.914	19.247	259.646
34659.289	38937.488	25.019	26.477	28.852
1.017	14.697			
8/15/2016 4:15:00 AM	368100.000	113.904	19.248	259.622
34656.816	38934.199	25.016	26.475	28.854
1.017	14.699			
8/15/2016 4:30:00 AM	369000.000	113.906	19.247	259.626
34662.934	38941.883	25.022	26.480	28.849
1.017	14.701			
8/15/2016 4:45:00 AM	369900.000	113.898	19.247	259.609
34665.492	38944.457	25.024	26.482	28.847
1.017	14.700			
8/15/2016 5:00:00 AM	370800.000	113.899	19.248	259.611
34662.891	38941.238	25.021	26.480	28.849
1.017	14.702			
8/15/2016 5:15:00 AM	371700.000	113.894	19.248	259.600
34663.527	38942.172	25.022	26.481	28.849
1.017	14.704			

8/15/2016 5:30:00 AM	372600.000	113.879	19.248	259.566
34664.922	38943.090	25.023	26.481	28.848
1.017	14.707			
8/15/2016 5:45:00 AM	373500.000	113.892	19.246	259.595
34693.809	38977.148	25.047	26.504	28.824
1.017	14.700			
8/15/2016 6:00:00 AM	374400.000	113.886	19.248	259.582
34663.238	38941.199	25.021	26.480	28.849
1.017	14.705			
8/15/2016 6:15:00 AM	375300.000	113.890	19.248	259.591
34670.844	38950.176	25.028	26.486	28.843
1.017	14.696			
8/15/2016 6:30:00 AM	376200.000	113.882	19.248	259.572
34691.352	38972.996	25.044	26.502	28.826
1.017	14.705			
8/15/2016 6:45:00 AM	377100.000	113.885	19.247	259.580
34660.258	38938.578	25.019	26.478	28.851
1.017	14.708			
8/15/2016 7:00:00 AM	378000.000	113.886	19.248	259.582
34686.574	38967.848	25.040	26.498	28.830
1.017	14.712			
8/15/2016 7:15:00 AM	378900.000	113.894	19.246	259.599
34682.191	38964.238	25.038	26.496	28.833
1.017	14.713			
8/15/2016 7:30:00 AM	379800.000	113.890	19.248	259.589
34664.645	38942.703	25.022	26.481	28.848
1.017	14.717			
8/15/2016 7:45:00 AM	380700.000	113.900	19.248	259.613
34676.469	38956.355	25.032	26.490	28.838
1.017	14.715			
8/15/2016 8:00:00 AM	381600.000	113.895	19.248	259.601
34674.980	38954.750	25.031	26.489	28.839
1.017	14.720			
8/15/2016 8:15:00 AM	382500.000	113.908	19.248	259.631
34673.723	38953.492	25.030	26.488	28.840
1.017	14.719			
8/15/2016 8:30:00 AM	383400.000	113.901	19.248	259.616
34674.855	38954.320	25.031	26.489	28.839
1.017	14.719			
8/15/2016 8:45:00 AM	384300.000	113.919	19.249	259.656
34647.223	38922.918	25.008	26.468	28.862
1.017	14.719			
8/15/2016 9:00:00 AM	385200.000	113.929	19.247	259.680
34670.180	38949.801	25.027	26.486	28.843
1.017	14.722			
8/15/2016 9:15:00 AM	386100.000	113.926	19.248	259.673
34690.352	38972.238	25.043	26.501	28.826
1.017	14.724			
8/15/2016 9:30:00 AM	387000.000	113.939	19.248	259.703
34685.543	38966.688	25.039	26.497	28.830
1.017	14.726			
8/15/2016 9:45:00 AM	387900.000	113.946	19.248	259.718
34689.668	38970.813	25.042	26.500	28.827
1.017	14.725			
8/15/2016 10:00:00 AM	388800.000	113.945	19.248	259.715
34662.488	38940.648	25.021	26.480	28.850
1.017	14.726			

8/15/2016 10:15:00 AM	389700.000	113.947	19.248	259.721
34691.574	38973.547	25.044	26.502	28.825
1.017	14.726			
8/15/2016 10:30:00 AM	390600.000	113.951	19.248	259.730
34655.484	38932.918	25.015	26.474	28.855
1.017	14.732			
8/15/2016 10:45:00 AM	391500.000	113.968	19.248	259.768
34666.613	38945.570	25.024	26.483	28.846
1.017	14.731			
8/15/2016 11:00:00 AM	392400.000	113.974	19.249	259.782
34669.078	38947.543	25.026	26.484	28.844
1.017	14.728			
8/15/2016 11:15:00 AM	393300.000	113.968	19.248	259.767
34673.613	38953.434	25.030	26.488	28.840
1.017	14.734			
8/15/2016 11:30:00 AM	394200.000	113.976	19.248	259.785
34694.461	38976.273	25.046	26.504	28.823
1.017	14.731			
8/15/2016 11:45:00 AM	395100.000	113.983	19.248	259.802
34675.059	38955.125	25.031	26.489	28.839
1.017	14.729			
8/15/2016 12:00:00 PM	396000.000	113.989	19.248	259.817
34676.656	38956.922	25.032	26.491	28.838
1.017	14.726			
8/15/2016 12:15:00 PM	396900.000	113.985	19.247	259.806
34677.852	38958.563	25.034	26.492	28.837
1.017	14.727			
8/15/2016 12:30:00 PM	397800.000	113.993	19.247	259.826
34668.863	38948.684	25.027	26.485	28.844
1.017	14.722			
8/15/2016 12:45:00 PM	398700.000	114.003	19.248	259.849
34662.875	38941.438	25.021	26.480	28.849
1.017	14.717			
8/15/2016 1:00:00 PM	399600.000	114.000	19.248	259.841
34658.617	38936.078	25.018	26.477	28.853
1.017	14.714			
8/15/2016 1:15:00 PM	400500.000	113.992	19.248	259.823
34685.707	38967.090	25.040	26.498	28.830
1.017	14.723			
8/15/2016 1:30:00 PM	401400.000	113.987	19.248	259.811
34674.637	38954.520	25.031	26.489	28.840
1.017	14.720			
8/15/2016 1:45:00 PM	402300.000	114.006	19.246	259.856
34676.297	38957.691	25.033	26.491	28.838
1.017	14.714			
8/15/2016 2:00:00 PM	403200.000	113.999	19.248	259.840
34648.008	38924.383	25.009	26.469	28.862
1.017	14.721			
8/15/2016 2:15:00 PM	404100.000	113.999	19.248	259.840
34671.836	38951.438	25.029	26.487	28.842
1.017	14.716			
8/15/2016 2:30:00 PM	405000.000	114.000	19.249	259.842
34654.457	38930.602	25.014	26.473	28.856
1.017	14.721			
8/15/2016 2:45:00 PM	405900.000	113.995	19.247	259.829
34686.641	38968.738	25.041	26.499	28.830
1.017	14.720			

8/15/2016 3:00:00 PM	406800.000	114.010	19.247	259.864
34669.324	38949.199	25.027	26.485	28.844
1.017	14.714			
8/15/2016 3:15:00 PM	407700.000	113.998	19.247	259.837
34689.945	38972.004	25.043	26.501	28.827
1.017	14.709			
8/15/2016 3:30:00 PM	408600.000	113.985	19.247	259.807
34678.969	38959.672	25.034	26.493	28.836
1.017	14.716			
8/15/2016 3:45:00 PM	409500.000	113.999	19.247	259.838
34651.063	38928.902	25.013	26.472	28.859
1.017	14.707			
8/15/2016 4:00:00 PM	410400.000	114.005	19.247	259.852
34674.211	38954.398	25.031	26.489	28.840
1.017	14.710			
8/15/2016 4:15:00 PM	411300.000	113.993	19.248	259.826
34663.672	38942.266	25.022	26.481	28.849
1.017	14.709			
8/15/2016 4:30:00 PM	412200.000	113.999	19.249	259.840
34672.941	38951.883	25.029	26.487	28.841
1.017	14.707			
8/15/2016 4:45:00 PM	413100.000	114.009	19.248	259.862
34670.832	38950.309	25.028	26.486	28.843
1.017	14.703			
8/15/2016 5:00:00 PM	414000.000	114.013	19.248	259.870
34672.730	38952.078	25.029	26.487	28.841
1.017	14.702			
8/15/2016 5:15:00 PM	414900.000	114.009	19.246	259.861
34651.762	38930.125	25.013	26.472	28.859
1.017	14.706			
8/15/2016 5:30:00 PM	415800.000	114.009	19.248	259.862
34658.621	38936.594	25.018	26.477	28.853
1.017	14.706			
8/15/2016 5:45:00 PM	416700.000	114.004	19.247	259.851
34659.043	38937.211	25.018	26.477	28.852
1.017	14.702			
8/15/2016 6:00:00 PM	417600.000	114.009	19.248	259.861
34659.922	38937.543	25.019	26.478	28.852
1.017	14.706			
8/15/2016 6:15:00 PM	418500.000	114.021	19.249	259.890
34664.699	38942.621	25.022	26.481	28.848
1.017	14.699			
8/15/2016 6:30:00 PM	419400.000	114.017	19.248	259.879
34673.438	38952.656	25.029	26.488	28.841
1.017	14.701			
8/15/2016 6:45:00 PM	420300.000	114.019	19.249	259.885
34695.988	38977.547	25.047	26.505	28.822
1.017	14.702			
8/15/2016 7:00:00 PM	421200.000	114.028	19.248	259.904
34679.473	38959.582	25.034	26.493	28.836
1.017	14.700			
8/15/2016 7:15:00 PM	422100.000	114.030	19.248	259.910
34673.625	38953.230	25.030	26.488	28.840
1.017	14.700			
8/15/2016 7:30:00 PM	423000.000	114.043	19.248	259.938
34704.805	38988.258	25.055	26.512	28.814
1.017	14.698			

8/15/2016 7:45:00 PM	423900.000	114.041	19.249	259.936
34682.031	38961.953	25.036	26.494	28.833
1.017	14.701			
8/15/2016 8:00:00 PM	424800.000	114.047	19.248	259.948
34676.957	38956.535	25.032	26.490	28.838
1.017	14.704			
8/15/2016 8:15:00 PM	425700.000	114.055	19.248	259.966
34659.844	38937.902	25.019	26.478	28.852
1.017	14.703			
8/15/2016 8:30:00 PM	426600.000	114.066	19.248	259.992
34657.594	38934.855	25.017	26.476	28.854
1.017	14.704			
8/15/2016 8:45:00 PM	427500.000	114.066	19.249	259.991
34660.453	38937.852	25.019	26.478	28.851
1.017	14.703			
8/15/2016 9:00:00 PM	428400.000	114.070	19.248	260.001
34663.844	38942.461	25.022	26.481	28.849
1.017	14.705			
8/15/2016 9:15:00 PM	429300.000	114.088	19.247	260.042
34673.578	38953.688	25.030	26.489	28.840
1.017	14.701			
8/15/2016 9:30:00 PM	430200.000	114.083	19.248	260.030
34659.285	38937.191	25.018	26.477	28.852
1.017	14.708			
8/15/2016 9:45:00 PM	431100.000	114.081	19.247	260.027
34686.137	38967.871	25.040	26.498	28.830
1.017	14.713			
8/15/2016 10:00:00 PM	432000.000	114.082	19.248	260.028
34664.012	38941.992	25.022	26.481	28.848
1.017	14.709			
8/15/2016 10:15:00 PM	432900.000	114.089	19.248	260.045
34684.918	38965.914	25.039	26.497	28.831
1.017	14.713			
8/15/2016 10:30:00 PM	433800.000	114.088	19.247	260.042
34678.668	38959.559	25.034	26.493	28.836
1.017	14.709			
8/15/2016 10:45:00 PM	434700.000	114.092	19.248	260.051
34677.074	38956.957	25.033	26.491	28.837
1.017	14.705			
8/15/2016 11:00:00 PM	435600.000	114.095	19.247	260.057
34661.379	38939.910	25.020	26.479	28.851
1.017	14.702			
8/15/2016 11:15:00 PM	436500.000	114.097	19.248	260.063
34658.684	38936.297	25.018	26.477	28.853
1.017	14.700			
8/15/2016 11:30:00 PM	437400.000	114.091	19.248	260.049
34671.969	38951.586	25.029	26.487	28.842
1.017	14.706			
8/15/2016 11:45:00 PM	438300.000	114.102	19.248	260.073
34670.406	38949.547	25.027	26.486	28.843
1.017	14.701			
8/16/2016 12:00:00 AM	439200.000	114.075	19.247	260.011
34681.309	38962.227	25.036	26.494	28.834
1.017	14.705			
8/16/2016 12:15:00 AM	440100.000	114.091	19.247	260.049
34650.973	38928.445	25.012	26.471	28.859
1.017	14.705			

8/16/2016 12:30:00 AM	441000.000	114.076	19.248	260.015
34670.691	38949.934	25.028	26.486	28.843
1.017	14.705			
8/16/2016 12:45:00 AM	441900.000	114.082	19.247	260.028
34674.113	38954.141	25.031	26.489	28.840
1.017	14.704			
8/16/2016 1:00:00 AM	442800.000	114.071	19.248	260.004
34673.590	38953.477	25.030	26.488	28.840
1.017	14.703			
8/16/2016 1:15:00 AM	443700.000	114.070	19.248	260.000
34669.590	38948.766	25.027	26.485	28.844
1.017	14.699			
8/16/2016 1:30:00 AM	444600.000	114.056	19.248	259.969
34674.449	38954.441	25.031	26.489	28.840
1.017	14.699			
8/16/2016 1:45:00 AM	445500.000	114.049	19.247	259.953
34659.844	38938.551	25.019	26.478	28.852
1.017	14.699			
8/16/2016 2:00:00 AM	446400.000	114.048	19.248	259.950
34659.426	38937.277	25.019	26.477	28.852
1.017	14.695			
8/16/2016 2:15:00 AM	447300.000	114.033	19.248	259.917
34665.676	38944.367	25.024	26.482	28.847
1.017	14.695			
8/16/2016 2:30:00 AM	448200.000	114.016	19.247	259.879
34674.313	38955.023	25.031	26.489	28.840
1.017	14.693			
8/16/2016 2:45:00 AM	449100.000	114.011	19.246	259.866
34678.887	38960.309	25.035	26.493	28.836
1.017	14.693			
8/16/2016 3:00:00 AM	450000.000	114.004	19.247	259.850
34682.426	38963.918	25.037	26.495	28.833
1.017	14.694			
8/16/2016 3:15:00 AM	450900.000	113.993	19.249	259.826
34659.879	38936.914	25.018	26.477	28.852
1.017	14.694			
8/16/2016 3:30:00 AM	451800.000	113.992	19.248	259.823
34683.879	38964.309	25.038	26.496	28.832
1.017	14.692			
8/16/2016 3:45:00 AM	452700.000	113.977	19.247	259.788
34657.285	38935.383	25.017	26.476	28.854
1.017	14.687			
8/16/2016 4:00:00 AM	453600.000	113.960	19.248	259.749
34659.211	38936.891	25.018	26.477	28.852
1.017	14.693			
8/16/2016 4:15:00 AM	454500.000	113.951	19.248	259.730
34649.961	38926.715	25.011	26.470	28.860
1.017	14.685			
8/16/2016 4:30:00 AM	455400.000	113.948	19.247	259.723
34640.512	38916.539	25.004	26.463	28.868
1.017	14.694			
8/16/2016 4:45:00 AM	456300.000	113.937	19.247	259.698
34677.090	38958.074	25.033	26.491	28.837
1.017	14.689			
8/16/2016 5:00:00 AM	457200.000	113.923	19.248	259.666
34673.996	38953.578	25.030	26.488	28.840
1.017	14.688			

8/16/2016 5:15:00 AM	458100.000	113.925	19.248	259.670
34653.977	38931.441	25.014	26.473	28.857
1.017	14.680			
8/16/2016 5:30:00 AM	459000.000	113.910	19.247	259.637
34681.621	38962.801	25.037	26.495	28.834
1.017	14.688			
8/16/2016 5:45:00 AM	459900.000	113.900	19.247	259.614
34664.289	38943.328	25.023	26.481	28.848
1.017	14.693			
8/16/2016 6:00:00 AM	460800.000	113.900	19.248	259.612
34656.547	38934.328	25.016	26.475	28.855
1.017	14.694			
8/16/2016 6:15:00 AM	461700.000	113.906	19.247	259.627
34643.895	38920.633	25.007	26.466	28.865
1.017	14.692			
8/16/2016 6:30:00 AM	462600.000	113.890	19.247	259.590
34661.047	38939.832	25.020	26.479	28.851
1.017	14.697			
8/16/2016 6:45:00 AM	463500.000	113.882	19.248	259.572
34672.313	38951.609	25.029	26.487	28.841
1.017	14.697			
8/16/2016 7:00:00 AM	464400.000	113.882	19.248	259.571
34654.402	38931.789	25.015	26.474	28.856
1.017	14.700			
8/16/2016 7:15:00 AM	465300.000	113.884	19.246	259.578
34663.340	38943.059	25.023	26.481	28.849
1.017	14.701			
8/16/2016 7:30:00 AM	466200.000	113.883	19.248	259.575
34668.340	38946.930	25.025	26.484	28.845
1.017	14.702			
8/16/2016 7:45:00 AM	467100.000	113.895	19.248	259.601
34643.828	38919.906	25.006	26.466	28.865
1.017	14.703			
8/16/2016 8:00:00 AM	468000.000	113.878	19.247	259.563
34659.457	38938.047	25.019	26.478	28.852
1.017	14.701			
8/16/2016 8:15:00 AM	468900.000	113.889	19.247	259.589
34662.027	38941.086	25.021	26.480	28.850
1.017	14.703			
8/16/2016 8:30:00 AM	469800.000	113.889	19.247	259.587
34689.094	38971.195	25.043	26.500	28.828
1.017	14.704			
8/16/2016 8:45:00 AM	470700.000	113.897	19.247	259.607
34673.570	38954.055	25.030	26.489	28.840
1.017	14.704			
8/16/2016 9:00:00 AM	471600.000	113.900	19.248	259.613
34691.699	38973.820	25.045	26.502	28.825
1.017	14.705			
8/16/2016 9:15:00 AM	472500.000	113.907	19.248	259.629
34682.875	38963.906	25.037	26.495	28.833
1.017	14.702			
8/16/2016 9:30:00 AM	473400.000	113.901	19.247	259.615
34667.543	38947.063	25.025	26.484	28.845
1.017	14.713			
8/16/2016 9:45:00 AM	474300.000	113.907	19.248	259.628
34686.469	38967.297	25.040	26.498	28.830
1.017	14.699			

8/16/2016 10:00:00 AM	475200.000	113.926	19.248	259.672
34692.277	38974.117	25.045	26.502	28.825
1.017	14.698			
8/16/2016 10:15:00 AM	476100.000	113.925	19.248	259.670
34674.668	38954.039	25.030	26.489	28.839
1.017	14.702			
8/16/2016 10:30:00 AM	477000.000	113.918	19.249	259.654
34701.867	38984.449	25.052	26.509	28.817
1.017	14.703			
8/16/2016 10:45:00 AM	477900.000	113.936	19.248	259.695
34676.406	38956.422	25.032	26.490	28.838
1.017	14.701			
8/16/2016 11:00:00 AM	478800.000	113.934	19.247	259.690
34667.828	38947.520	25.026	26.484	28.845
1.017	14.706			
8/16/2016 11:15:00 AM	479700.000	113.953	19.246	259.733
34662.535	38941.938	25.022	26.481	28.850
1.017	14.709			
8/16/2016 11:30:00 AM	480600.000	113.949	19.248	259.724
34688.270	38969.836	25.042	26.499	28.828
1.017	14.697			
8/16/2016 11:45:00 AM	481500.000	113.958	19.247	259.745
34652.273	38930.129	25.013	26.472	28.858
1.017	14.703			
8/16/2016 12:00:00 PM	482400.000	113.965	19.248	259.762
34668.305	38947.184	25.026	26.484	28.845
1.017	14.707			
8/16/2016 12:15:00 PM	483300.000	113.967	19.248	259.765
34688.242	38969.289	25.041	26.499	28.828
1.017	14.705			
8/16/2016 12:30:00 PM	484200.000	113.946	19.247	259.717
34669.633	38949.184	25.027	26.485	28.844
1.017	14.708			
8/16/2016 12:45:00 PM	485100.000	113.971	19.247	259.775
34668.520	38948.230	25.026	26.485	28.845
1.017	14.701			
8/16/2016 1:00:00 PM	486000.000	113.965	19.246	259.760
34670.266	38950.914	25.028	26.487	28.843
1.017	14.709			
8/16/2016 1:15:00 PM	486900.000	113.969	19.247	259.770
34669.332	38948.848	25.027	26.485	28.844
1.017	14.708			
8/16/2016 1:30:00 PM	487800.000	113.981	19.248	259.799
34653.961	38931.207	25.014	26.473	28.857
1.017	14.704			
8/16/2016 1:45:00 PM	488700.000	113.960	19.248	259.749
34691.340	38972.984	25.044	26.502	28.826
1.017	14.708			
8/16/2016 2:00:00 PM	489600.000	113.974	19.248	259.783
34682.875	38963.473	25.037	26.495	28.833
1.017	14.703			
8/16/2016 2:15:00 PM	490500.000	113.958	19.248	259.746
34698.734	38981.508	25.050	26.507	28.819
1.017	14.708			
8/16/2016 2:30:00 PM	491400.000	113.966	19.248	259.763
34659.664	38937.766	25.019	26.478	28.852
1.017	14.699			

8/16/2016 2:45:00 PM	492300.000	113.969	19.247	259.770
34664.129	38943.582	25.023	26.482	28.848
1.017	14.697			
8/16/2016 3:00:00 PM	493200.000	113.962	19.247	259.753
34658.461	38937.281	25.018	26.477	28.853
1.017	14.696			
8/16/2016 3:15:00 PM	494100.000	113.963	19.247	259.756
34672.551	38953.043	25.030	26.488	28.841
1.017	14.693			
8/16/2016 3:30:00 PM	495000.000	113.963	19.247	259.758
34659.152	38937.633	25.019	26.478	28.852
1.017	14.693			
8/16/2016 3:45:00 PM	495900.000	113.961	19.248	259.751
34694.523	38976.707	25.047	26.504	28.823
1.017	14.693			
8/16/2016 4:00:00 PM	496800.000	113.961	19.248	259.752
34668.945	38947.902	25.026	26.485	28.844
1.017	14.690			
8/16/2016 4:15:00 PM	497700.000	113.943	19.247	259.712
34659.926	38938.574	25.019	26.478	28.852
1.017	14.691			
8/16/2016 4:30:00 PM	498600.000	113.958	19.247	259.745
34666.059	38945.094	25.024	26.483	28.847
1.017	14.690			
8/16/2016 4:45:00 PM	499500.000	113.956	19.247	259.740
34657.934	38936.113	25.018	26.477	28.853
1.017	14.687			
8/16/2016 5:00:00 PM	500400.000	113.953	19.247	259.734
34661.449	38940.352	25.021	26.479	28.850
1.017	14.691			
8/16/2016 5:15:00 PM	501300.000	113.955	19.247	259.740
34637.035	38912.859	25.001	26.461	28.871
1.017	14.689			
8/16/2016 5:30:00 PM	502200.000	113.959	19.247	259.749
34662.918	38941.566	25.022	26.480	28.849
1.017	14.685			
8/16/2016 5:45:00 PM	503100.000	113.949	19.247	259.724
34670.387	38950.176	25.028	26.486	28.843
1.017	14.681			
8/16/2016 6:00:00 PM	504000.000	113.955	19.247	259.739
34675.996	38956.332	25.032	26.490	28.838
1.017	14.684			
8/16/2016 6:15:00 PM	504900.000	113.959	19.248	259.748
34661.047	38938.805	25.020	26.478	28.851
1.017	14.680			
8/16/2016 6:30:00 PM	505800.000	113.965	19.247	259.762
34676.469	38957.012	25.033	26.491	28.838
1.017	14.677			
8/16/2016 6:45:00 PM	506700.000	113.957	19.247	259.743
34664.621	38943.848	25.023	26.482	28.848
1.017	14.679			
8/16/2016 7:00:00 PM	507600.000	113.977	19.247	259.788
34652.859	38930.566	25.014	26.473	28.858
1.017	14.679			
8/16/2016 7:15:00 PM	508500.000	113.969	19.248	259.770
34679.969	38960.574	25.035	26.493	28.835
1.017	14.681			

8/16/2016 7:30:00 PM	509400.000	113.963	19.247	259.756
34679.273	38960.461	25.035	26.493	28.836
1.017	14.685			
8/16/2016 7:45:00 PM	510300.000	113.983	19.248	259.803
34651.391	38928.320	25.012	26.471	28.859
1.017	14.682			
8/16/2016 8:00:00 PM	511200.000	113.991	19.247	259.821
34667.367	38946.863	25.025	26.484	28.846
1.017	14.682			
8/16/2016 8:15:00 PM	512100.000	113.993	19.248	259.826
34675.805	38955.898	25.032	26.490	28.839
1.017	14.679			
8/16/2016 8:30:00 PM	513000.000	113.986	19.247	259.808
34659.941	38938.223	25.019	26.478	28.852
1.017	14.685			
8/16/2016 8:45:00 PM	513900.000	113.997	19.247	259.835
34680.832	38961.992	25.036	26.494	28.834
1.017	14.690			
8/16/2016 9:00:00 PM	514800.000	114.004	19.248	259.850
34681.117	38961.500	25.036	26.494	28.834
1.017	14.690			
8/16/2016 9:15:00 PM	515700.000	114.016	19.247	259.878
34676.270	38956.934	25.032	26.491	28.838
1.017	14.691			
8/16/2016 9:30:00 PM	516600.000	114.012	19.246	259.869
34698.684	38982.551	25.051	26.508	28.820
1.017	14.695			
8/16/2016 9:45:00 PM	517500.000	114.022	19.247	259.891
34676.785	38957.871	25.033	26.491	28.838
1.017	14.690			
8/16/2016 10:00:00 PM	518400.000	114.012	19.246	259.869
34662.727	38942.301	25.022	26.481	28.849
1.017	14.695			
8/16/2016 10:15:00 PM	519300.000	114.021	19.247	259.890
34665.344	38944.813	25.024	26.482	28.847
1.017	14.696			
8/16/2016 10:30:00 PM	520200.000	114.028	19.248	259.906
34693.359	38975.555	25.046	26.503	28.824
1.017	14.689			
8/16/2016 10:45:00 PM	521100.000	114.064	19.248	259.988
34676.531	38956.781	25.032	26.491	28.838
1.017	14.689			
8/16/2016 11:00:00 PM	522000.000	114.046	19.247	259.946
34682.750	38963.844	25.037	26.495	28.833
1.017	14.686			
8/16/2016 11:15:00 PM	522900.000	114.043	19.247	259.940
34686.223	38967.969	25.040	26.498	28.830
1.017	14.688			
8/16/2016 11:30:00 PM	523800.000	114.044	19.246	259.941
34658.797	38938.109	25.019	26.478	28.853
1.017	14.685			
8/16/2016 11:45:00 PM	524700.000	114.042	19.247	259.936
34683.383	38964.703	25.038	26.496	28.832
1.017	14.686			
8/17/2016 12:00:00 AM	525600.000	114.047	19.247	259.949
34667.066	38946.449	25.025	26.484	28.846
1.017	14.687			

8/17/2016 12:15:00 AM	526500.000	114.036	19.246	259.922
34689.711	38972.762	25.044	26.501	28.827
1.017	14.688			
8/17/2016 12:30:00 AM	527400.000	114.032	19.248	259.913
34685.348	38965.961	25.039	26.497	28.831
1.017	14.686			
8/17/2016 12:45:00 AM	528300.000	114.033	19.247	259.916
34666.629	38946.035	25.025	26.483	28.846
1.017	14.687			
8/17/2016 1:00:00 AM	529200.000	114.030	19.248	259.910
34695.133	38977.680	25.047	26.505	28.822
1.017	14.685			
8/17/2016 1:15:00 AM	530100.000	114.022	19.247	259.892
34645.766	38922.664	25.008	26.467	28.864
1.017	14.685			
8/17/2016 1:30:00 AM	531000.000	114.024	19.248	259.895
34697.402	38979.793	25.049	26.506	28.821
1.017	14.683			
8/17/2016 1:45:00 AM	531900.000	114.013	19.247	259.871
34668.328	38948.082	25.026	26.485	28.845
1.017	14.678			
8/17/2016 2:00:00 AM	532800.000	114.008	19.247	259.860
34674.840	38955.258	25.031	26.490	28.839
1.017	14.678			
8/17/2016 2:15:00 AM	533700.000	113.999	19.246	259.839
34673.207	38954.359	25.031	26.489	28.841
1.017	14.671			
8/17/2016 2:30:00 AM	534600.000	113.979	19.247	259.792
34682.121	38963.727	25.037	26.495	28.833
1.017	14.678			
8/17/2016 2:45:00 AM	535500.000	113.987	19.249	259.811
34700.195	38982.570	25.051	26.508	28.818
1.017	14.669			
8/17/2016 3:00:00 AM	536400.000	113.969	19.247	259.771
34687.391	38969.582	25.041	26.499	28.829
1.017	14.675			
8/17/2016 3:15:00 AM	537300.000	113.957	19.247	259.742
34672.766	38952.930	25.030	26.488	28.841
1.017	14.670			
8/17/2016 3:30:00 AM	538200.000	113.941	19.246	259.706
34650.035	38928.266	25.012	26.471	28.860
1.017	14.671			
8/17/2016 3:45:00 AM	539100.000	113.923	19.248	259.666
34678.426	38958.777	25.034	26.492	28.836
1.017	14.669			
8/17/2016 4:00:00 AM	540000.000	113.929	19.248	259.678
34663.117	38941.496	25.022	26.480	28.849
1.017	14.664			
8/17/2016 4:15:00 AM	540900.000	113.909	19.246	259.635
34665.254	38945.211	25.024	26.483	28.847
1.017	14.670			
8/17/2016 4:30:00 AM	541800.000	113.899	19.247	259.611
34643.074	38919.996	25.006	26.466	28.866
1.017	14.672			
8/17/2016 4:45:00 AM	542700.000	113.899	19.246	259.610
34651.172	38929.543	25.013	26.472	28.859
1.017	14.663			

8/17/2016 5:00:00 AM	543600.000	113.877	19.248	259.561
34646.422	38922.953	25.008	26.468	28.863
1.017	14.668			
8/17/2016 5:15:00 AM	544500.000	113.861	19.248	259.524
34650.703	38927.332	25.011	26.471	28.859
1.017	14.664			
8/17/2016 5:30:00 AM	545400.000	113.854	19.248	259.508
34664.234	38942.461	25.022	26.481	28.848
1.017	14.669			
8/17/2016 5:45:00 AM	546300.000	113.850	19.246	259.499
34657.191	38936.367	25.018	26.477	28.854
1.017	14.664			
8/17/2016 6:00:00 AM	547200.000	113.851	19.246	259.501
34666.656	38947.371	25.026	26.484	28.846
1.017	14.663			
8/17/2016 6:15:00 AM	548100.000	113.837	19.247	259.469
34661.609	38940.094	25.021	26.479	28.850
1.017	14.668			
8/17/2016 6:30:00 AM	549000.000	113.822	19.247	259.436
34666.922	38946.285	25.025	26.483	28.846
1.017	14.671			
8/17/2016 6:45:00 AM	549900.000	113.824	19.247	259.440
34688.242	38970.316	25.042	26.500	28.828
1.017	14.672			
8/17/2016 7:00:00 AM	550800.000	113.818	19.247	259.427
34654.215	38932.086	25.015	26.474	28.857
1.017	14.675			
8/17/2016 7:15:00 AM	551700.000	113.812	19.247	259.413
34648.941	38926.590	25.011	26.470	28.861
1.017	14.674			
8/17/2016 7:30:00 AM	552600.000	113.806	19.247	259.398
34679.043	38959.828	25.035	26.493	28.836
1.017	14.683			
8/17/2016 7:45:00 AM	553500.000	113.799	19.247	259.382
34652.754	38930.367	25.014	26.473	28.858
1.017	14.681			
8/17/2016 8:00:00 AM	554400.000	113.812	19.247	259.412
34670.777	38950.617	25.028	26.486	28.843
1.017	14.681			
8/17/2016 8:15:00 AM	555300.000	113.800	19.249	259.386
34671.586	38950.359	25.028	26.486	28.842
1.017	14.686			
8/17/2016 8:30:00 AM	556200.000	113.812	19.248	259.413
34688.637	38969.875	25.042	26.500	28.828
1.017	14.686			
8/17/2016 8:45:00 AM	557100.000	113.802	19.247	259.390
34661.293	38940.109	25.021	26.479	28.851
1.017	14.684			
8/17/2016 9:00:00 AM	558000.000	113.809	19.248	259.405
34671.102	38950.176	25.028	26.486	28.842
1.017	14.686			
8/17/2016 9:15:00 AM	558900.000	113.823	19.247	259.439
34665.266	38944.641	25.024	26.482	28.847
1.017	14.681			
8/17/2016 9:30:00 AM	559800.000	113.813	19.248	259.414
34678.344	38958.383	25.034	26.492	28.836
1.017	14.684			

8/17/2016 9:45:00 AM	560700.000	113.817	19.247	259.424
34671.941	38951.848	25.029	26.487	28.842
1.017	14.686			
8/17/2016 10:00:00 AM	561600.000	113.824	19.248	259.440
34678.953	38959.070	25.034	26.492	28.836
1.017	14.684			
8/17/2016 10:15:00 AM	562500.000	113.831	19.246	259.457
34675.270	38956.246	25.032	26.490	28.839
1.017	14.684			
8/17/2016 10:30:00 AM	563400.000	113.826	19.247	259.446
34670.422	38950.141	25.028	26.486	28.843
1.017	14.687			
8/17/2016 10:45:00 AM	564300.000	113.847	19.247	259.492
34687.695	38969.477	25.041	26.499	28.829
1.017	14.684			
8/17/2016 11:00:00 AM	565200.000	113.851	19.248	259.502
34678.191	38958.645	25.034	26.492	28.837
1.017	14.685			
8/17/2016 11:15:00 AM	566100.000	113.859	19.247	259.519
34677.402	38958.137	25.033	26.492	28.837
1.017	14.682			
8/17/2016 11:30:00 AM	567000.000	113.858	19.247	259.517
34666.703	38945.965	25.025	26.483	28.846
1.017	14.683			
8/17/2016 11:45:00 AM	567900.000	113.874	19.247	259.554
34695.727	38978.500	25.048	26.505	28.822
1.017	14.680			
8/17/2016 12:00:00 PM	568800.000	113.874	19.247	259.555
34686.277	38967.883	25.040	26.498	28.830
1.017	14.677			
8/17/2016 12:15:00 PM	569700.000	113.882	19.248	259.572
34661.824	38940.191	25.021	26.479	28.850
1.017	14.679			
8/17/2016 12:30:00 PM	570600.000	113.875	19.247	259.557
34685.789	38967.984	25.040	26.498	28.830
1.017	14.693			
8/17/2016 12:45:00 PM	571500.000	113.884	19.247	259.576
34663.301	38942.516	25.022	26.481	28.849
1.017	14.683			
8/17/2016 1:00:00 PM	572400.000	113.891	19.249	259.592
34677.684	38957.211	25.033	26.491	28.837
1.017	14.676			
8/17/2016 1:15:00 PM	573300.000	113.885	19.248	259.579
34672.984	38952.578	25.029	26.488	28.841
1.017	14.679			
8/17/2016 1:30:00 PM	574200.000	113.889	19.247	259.588
34675.691	38956.438	25.032	26.490	28.839
1.017	14.669			
8/17/2016 1:45:00 PM	575100.000	113.892	19.247	259.595
34680.727	38961.570	25.036	26.494	28.834
1.017	14.673			
8/17/2016 2:00:00 PM	576000.000	113.886	19.248	259.582
34651.551	38928.648	25.012	26.471	28.859
1.017	14.668			
8/17/2016 2:15:00 PM	576900.000	113.893	19.248	259.598
34701.199	38983.988	25.052	26.509	28.817
1.017	14.675			

8/17/2016 2:30:00 PM	577800.000	113.881	19.248	259.570
34663.977	38942.461	25.022	26.481	28.848
1.017	14.680			
8/17/2016 2:45:00 PM	578700.000	113.890	19.247	259.591
34690.668	38973.109	25.044	26.502	28.826
1.017	14.674			
8/17/2016 3:00:00 PM	579600.000	113.888	19.247	259.587
34653.305	38930.766	25.014	26.473	28.857
1.017	14.671			
8/17/2016 3:15:00 PM	580500.000	113.883	19.248	259.576
34663.742	38941.910	25.022	26.481	28.849
1.017	14.671			
8/17/2016 3:30:00 PM	581400.000	113.884	19.248	259.577
34678.426	38958.777	25.034	26.492	28.836
1.017	14.668			
8/17/2016 3:45:00 PM	582300.000	113.883	19.248	259.574
34666.195	38944.953	25.024	26.483	28.847
1.017	14.669			
8/17/2016 4:00:00 PM	583200.000	113.869	19.248	259.543
34679.563	38960.188	25.035	26.493	28.835
1.017	14.668			
8/17/2016 4:15:00 PM	584100.000	113.871	19.247	259.547
34664.500	38943.418	25.023	26.482	28.848
1.017	14.659			
8/17/2016 4:30:00 PM	585000.000	113.868	19.247	259.539
34667.793	38947.414	25.026	26.484	28.845
1.017	14.662			
8/17/2016 4:45:00 PM	585900.000	113.862	19.247	259.527
34672.207	38952.523	25.029	26.488	28.842
1.017	14.660			
8/17/2016 5:00:00 PM	586800.000	113.870	19.247	259.544
34675.691	38956.355	25.032	26.490	28.839
1.017	14.661			
8/17/2016 5:15:00 PM	587700.000	113.862	19.248	259.526
34659.992	38938.066	25.019	26.478	28.852
1.017	14.657			
8/17/2016 5:30:00 PM	588600.000	113.848	19.247	259.495
34668.215	38947.516	25.026	26.484	28.845
1.017	14.660			
8/17/2016 5:45:00 PM	589500.000	113.864	19.247	259.532
34667.102	38946.488	25.025	26.484	28.846
1.017	14.661			
8/17/2016 6:00:00 PM	590400.000	113.856	19.247	259.513
34683.426	38965.262	25.038	26.496	28.832
1.017	14.657			
8/17/2016 6:15:00 PM	591300.000	113.863	19.247	259.528
34686.594	38968.750	25.041	26.499	28.830
1.017	14.653			
8/17/2016 6:30:00 PM	592200.000	113.854	19.246	259.508
34653.875	38932.211	25.015	26.474	28.857
1.017	14.655			
8/17/2016 6:45:00 PM	593100.000	113.849	19.247	259.497
34682.289	38963.551	25.037	26.495	28.833
1.017	14.660			
8/17/2016 7:00:00 PM	594000.000	113.846	19.248	259.489
34675.008	38954.852	25.031	26.489	28.839
1.017	14.656			

8/17/2016 7:15:00 PM	594900.000	113.852	19.247	259.505
34657.840	38936.297	25.018	26.477	28.854
1.017	14.651			
8/17/2016 7:30:00 PM	595800.000	113.849	19.247	259.496
34671.801	38952.066	25.029	26.487	28.842
1.017	14.654			
8/17/2016 7:45:00 PM	596700.000	113.860	19.247	259.523
34672.668	38952.957	25.030	26.488	28.841
1.017	14.654			
8/17/2016 8:00:00 PM	597600.000	113.865	19.247	259.534
34673.746	38953.805	25.030	26.489	28.840
1.017	14.657			
8/17/2016 8:15:00 PM	598500.000	113.863	19.247	259.529
34662.051	38940.590	25.021	26.480	28.850
1.017	14.659			
8/17/2016 8:30:00 PM	599400.000	113.861	19.248	259.524
34677.250	38957.590	25.033	26.491	28.837
1.017	14.664			
8/17/2016 8:45:00 PM	600300.000	113.872	19.247	259.549
34673.336	38953.492	25.030	26.488	28.841
1.017	14.666			
8/17/2016 9:00:00 PM	601200.000	113.869	19.246	259.544
34635.840	38911.949	25.000	26.460	28.872
1.017	14.667			
8/17/2016 9:15:00 PM	602100.000	113.869	19.247	259.542
34670.777	38950.539	25.028	26.486	28.843
1.017	14.663			
8/17/2016 9:30:00 PM	603000.000	113.875	19.246	259.557
34683.961	38966.227	25.039	26.497	28.832
1.017	14.667			
8/17/2016 9:45:00 PM	603900.000	113.886	19.247	259.582
34672.129	38952.352	25.029	26.488	28.842
1.017	14.668			
8/17/2016 10:00:00 PM	604800.000	113.890	19.246	259.590
34677.031	38958.441	25.034	26.492	28.838
1.017	14.668			
8/17/2016 10:15:00 PM	605700.000	113.910	19.247	259.637
34673.781	38953.992	25.030	26.489	28.840
1.017	14.659			
8/17/2016 10:30:00 PM	606600.000	113.908	19.247	259.631
34665.355	38944.605	25.024	26.482	28.847
1.017	14.662			
8/17/2016 10:45:00 PM	607500.000	113.898	19.247	259.610
34678.430	38959.430	25.034	26.492	28.836
1.017	14.669			
8/17/2016 11:00:00 PM	608400.000	113.904	19.247	259.623
34663.027	38941.688	25.022	26.480	28.849
1.017	14.665			
8/17/2016 11:15:00 PM	609300.000	113.907	19.246	259.629
34672.496	38953.422	25.030	26.488	28.841
1.017	14.666			
8/17/2016 11:30:00 PM	610200.000	113.912	19.247	259.641
34675.961	38956.219	25.032	26.490	28.838
1.017	14.663			
8/17/2016 11:45:00 PM	611100.000	113.924	19.247	259.668
34672.676	38952.828	25.030	26.488	28.841
1.017	14.668			

Serial_number:

1071253

Project ID:

MPWSP MW-7M

Location:

MPWSP MW-7M

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT: μ S/cm

Date	Time	ms	LEVEL	TEMPERATURE	CONDUCTIVITY
8/11/2016	0:00:00		0 129.661	17.1	4171.1
8/11/2016	0:15:00		0 129.718	17.1	4193.1
8/11/2016	0:30:00		0 129.739	17.1	4214
8/11/2016	0:45:00		0 129.679	17.1	4218.6
8/11/2016	1:00:00		0 129.717	17.1	4212.8
8/11/2016	1:15:00		0 129.657	17.1	4232.5
8/11/2016	1:30:00		0 129.716	17.1	4227.9
8/11/2016	1:45:00		0 129.718	17.1	4233.6
8/11/2016	2:00:00		0 129.617	17.1	4231.3
8/11/2016	2:15:00		0 129.676	17.1	4244.1
8/11/2016	2:30:00		0 129.676	17.1	4264.9
8/11/2016	2:45:00		0 129.694	17.1	4259.1
8/11/2016	3:00:00		0 129.692	17.1	4269.5
8/11/2016	3:15:00		0 129.695	17.1	4269.5
8/11/2016	3:30:00		0 129.677	17.1	4270.7
8/11/2016	3:45:00		0 129.66	17.1	4291.5
8/11/2016	4:00:00		0 129.681	17.1	4283.4
8/11/2016	4:15:00		0 129.68	17.1	4270.7
8/11/2016	4:30:00		0 129.583	17.1	4289.2
8/11/2016	4:45:00		0 129.621	17.1	4288.1
8/11/2016	5:00:00		0 129.601	17.1	4276.5
8/11/2016	5:15:00		0 129.679	17.1	4290.4
8/11/2016	5:30:00		0 129.577	17.1	4283.4
8/11/2016	5:45:00		0 129.514	17.1	4278.8
8/11/2016	6:00:00		0 129.644	17.1	4283.4
8/11/2016	6:15:00		0 129.638	17.1	4293.9
8/11/2016	6:30:00		0 129.671	17.1	4273
8/11/2016	6:45:00		0 129.586	17.1	4277.7
8/11/2016	7:00:00		0 129.636	17.1	4269.5
8/11/2016	7:15:00		0 129.649	17.1	4270.7
8/11/2016	7:30:00		0 129.584	17.1	4260.3

8/11/2016	7:45:00	0	129.656	17.1	4258
8/11/2016	8:00:00	0	129.63	17.1	4266.1
8/11/2016	8:15:00	0	129.548	17.1	4266.1
8/11/2016	8:30:00	0	129.626	17.1	4246.4
8/11/2016	8:45:00	0	129.639	17.1	4255.6
8/11/2016	9:00:00	0	129.556	17.1	4266.1
8/11/2016	9:15:00	0	129.611	17.1	4255.6
8/11/2016	9:30:00	0	129.646	17.1	4238.3
8/11/2016	9:45:00	0	129.643	17.1	4244.1
8/11/2016	10:00:00	0	129.541	17.1	4266.1
8/11/2016	10:15:00	0	129.595	17.1	4240.6
8/11/2016	10:30:00	0	129.578	17.1	4244.1
8/11/2016	10:45:00	0	129.613	17.1	4237.1
8/11/2016	11:00:00	0	129.576	17.1	4224.4
8/11/2016	11:15:00	0	129.614	17.1	4249.9
8/11/2016	11:30:00	0	129.61	17.1	4164.2
8/11/2016	11:45:00	0	129.551	17.1	4222.1
8/11/2016	12:00:00	0	129.61	17.1	4253.3
8/11/2016	12:15:00	0	129.588	17.1	4240.6
8/11/2016	12:30:00	0	129.571	17.1	4212.8
8/11/2016	12:45:00	0	129.608	17.1	4246.4
8/11/2016	13:00:00	0	129.593	17.1	4226.7
8/11/2016	13:15:00	0	129.554	17.1	4227.9
8/11/2016	13:30:00	0	129.593	17.1	4240.6
8/11/2016	13:45:00	0	129.576	17.1	4232.5
8/11/2016	14:00:00	0	129.615	17.1	4227.9
8/11/2016	14:15:00	0	129.577	17.1	4231.3
8/11/2016	14:30:00	0	129.58	17.1	4256.8
8/11/2016	14:45:00	0	129.579	17.1	4215.1
8/11/2016	15:00:00	0	129.617	17.1	4239.4
8/11/2016	15:15:00	0	129.583	17.1	4225.5
8/11/2016	15:30:00	0	129.564	17.1	4241.8
8/11/2016	15:45:00	0	129.586	17.1	4231.3
8/11/2016	16:00:00	0	129.571	17.1	4198.9
8/11/2016	16:15:00	0	129.554	17.1	4225.5
8/11/2016	16:30:00	0	129.579	17.1	4207
8/11/2016	16:45:00	0	129.604	17.1	4207
8/11/2016	17:00:00	0	129.588	17.1	4189.6
8/11/2016	17:15:00	0	129.586	17.1	4218.6
8/11/2016	17:30:00	0	129.627	17.1	4171.1
8/11/2016	17:45:00	0	129.591	17.1	4171.1
8/11/2016	18:00:00	0	129.594	17.1	4190.8
8/11/2016	18:15:00	0	129.613	17.1	4158.4
8/11/2016	18:30:00	0	129.576	17.1	4158.4
8/11/2016	18:45:00	0	129.618	17.1	4183.9
8/11/2016	19:00:00	0	129.678	17.1	4156.1
8/11/2016	19:15:00	0	129.62	17.1	4150.3

8/11/2016	19:30:00	0	129.636	17.1	4143.3
8/11/2016	19:45:00	0	129.656	17.1	4129.4
8/11/2016	20:00:00	0	129.633	17.1	4151.4
8/11/2016	20:15:00	0	129.675	17.1	4110.9
8/11/2016	20:30:00	0	129.611	17.1	4110.9
8/11/2016	20:45:00	0	129.608	17.1	4099.3
8/11/2016	21:00:00	0	129.624	17.1	4107.4
8/11/2016	21:15:00	0	129.68	17.1	4121.3
8/11/2016	21:30:00	0	129.598	17.1	4137.5
8/11/2016	21:45:00	0	129.577	17.1	4080.8
8/11/2016	22:00:00	0	129.636	17.1	4069.2
8/11/2016	22:15:00	0	129.734	17.1	4127.1
8/11/2016	22:30:00	0	129.559	17.1	4087.7
8/11/2016	22:45:00	0	129.561	17.1	4132.9
8/11/2016	23:00:00	0	129.643	17.1	4117.8
8/11/2016	23:15:00	0	129.698	17.1	4146.8
8/11/2016	23:30:00	0	129.618	17.1	4106.3
8/11/2016	23:45:00	0	129.556	17.1	4137.5
8/12/2016	0:00:00	0	129.616	17.1	4144.5
8/12/2016	0:15:00	0	129.619	17.1	4151.4
8/12/2016	0:30:00	0	129.659	17.1	4167.6
8/12/2016	0:45:00	0	129.62	17.1	4176.9
8/12/2016	1:00:00	0	129.599	17.1	4185
8/12/2016	1:15:00	0	129.561	17.1	4205.9
8/12/2016	1:30:00	0	129.581	17.1	4208.2
8/12/2016	1:45:00	0	129.54	17.1	4215.1
8/12/2016	2:00:00	0	129.605	17.1	4214
8/12/2016	2:15:00	0	129.588	17.1	4211.6
8/12/2016	2:30:00	0	129.609	17.1	4238.3
8/12/2016	2:45:00	0	129.65	17.1	4240.6
8/12/2016	3:00:00	0	129.571	17.1	4233.6
8/12/2016	3:15:00	0	129.652	17.1	4252.2
8/12/2016	3:30:00	0	129.654	17.1	4252.2
8/12/2016	3:45:00	0	129.635	17.1	4264.9
8/12/2016	4:00:00	0	129.518	17.1	4290.4
8/12/2016	4:15:00	0	129.618	17.1	4258
8/12/2016	4:30:00	0	129.539	17.1	4253.3
8/12/2016	4:45:00	0	129.596	17.1	4291.5
8/12/2016	5:00:00	0	129.595	17.1	4304.3
8/12/2016	5:15:00	0	129.53	17.1	4284.6
8/12/2016	5:30:00	0	129.605	17.1	4273
8/12/2016	5:45:00	0	129.582	17.1	4296.2
8/12/2016	6:00:00	0	129.537	17.1	4293.9
8/12/2016	6:15:00	0	129.535	17.1	4289.2
8/12/2016	6:30:00	0	129.609	17.1	4296.2
8/12/2016	6:45:00	0	129.603	17.1	4276.5
8/12/2016	7:00:00	0	129.616	17.1	4288.1

8/12/2016	7:15:00	0	129.571	17.1	4281.1
8/12/2016	7:30:00	0	129.605	17.1	4270.7
8/12/2016	7:45:00	0	129.581	17.1	4277.7
8/12/2016	8:00:00	0	129.598	17.1	4264.9
8/12/2016	8:15:00	0	129.518	17.1	4263.8
8/12/2016	8:30:00	0	129.615	17.1	4271.9
8/12/2016	8:45:00	0	129.574	17.1	4246.4
8/12/2016	9:00:00	0	129.593	17.1	4247.5
8/12/2016	9:15:00	0	129.628	17.1	4258
8/12/2016	9:30:00	0	129.611	17.1	4241.8
8/12/2016	9:45:00	0	129.612	17.1	4234.8
8/12/2016	10:00:00	0	129.573	17.1	4220.9
8/12/2016	10:15:00	0	129.594	17.1	4233.6
8/12/2016	10:30:00	0	129.594	17.1	4216.3
8/12/2016	10:45:00	0	129.628	17.1	4238.3
8/12/2016	11:00:00	0	129.608	17.1	4227.9
8/12/2016	11:15:00	0	129.628	17.1	4226.7
8/12/2016	11:30:00	0	129.608	17.1	4216.3
8/12/2016	11:45:00	0	129.608	17.1	4216.3
8/12/2016	12:00:00	0	129.63	17.1	4218.6
8/12/2016	12:15:00	0	129.692	17.1	4205.9
8/12/2016	12:30:00	0	129.632	17.1	4216.3
8/12/2016	12:45:00	0	129.593	17.1	4203.5
8/12/2016	13:00:00	0	129.653	17.1	4216.3
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8/12/2016	13:30:00	0	129.661	17.1	4229
8/12/2016	13:45:00	0	129.684	17.1	4219.8
8/12/2016	14:00:00	0	129.688	17.1	4219.8
8/12/2016	14:15:00	0	129.592	17.1	4258
8/12/2016	14:30:00	0	129.708	17.1	4231.3
8/12/2016	14:45:00	0	129.589	17.1	4208.2
8/12/2016	15:00:00	0	129.668	17.1	4214
8/12/2016	15:15:00	0	129.653	17.1	4203.5
8/12/2016	15:30:00	0	129.613	17.1	4219.8
8/12/2016	15:45:00	0	129.595	17.1	4219.8
8/12/2016	16:00:00	0	129.697	17.1	4231.3
8/12/2016	16:15:00	0	129.641	17.1	4208.2
8/12/2016	16:30:00	0	129.622	17.1	4208.2
8/12/2016	16:45:00	0	129.725	17.1	4215.1
8/12/2016	17:00:00	0	129.616	17.1	4187.3
8/12/2016	17:15:00	0	129.783	17.1	4209.3
8/12/2016	17:30:00	0	129.727	17.1	4196.6
8/12/2016	17:45:00	0	129.796	17.1	4183.9
8/12/2016	18:00:00	0	129.799	17.1	4189.6
8/12/2016	18:15:00	0	129.665	17.1	4163
8/12/2016	18:30:00	0	129.671	17.1	4151.4
8/12/2016	18:45:00	0	129.809	17.1	4167.6

8/12/2016	19:00:00	0	129.853	17.1	4159.5
8/12/2016	19:15:00	0	129.833	17.1	4151.4
8/12/2016	19:30:00	0	129.856	17.1	4126
8/12/2016	19:45:00	0	129.718	17.1	4131.7
8/12/2016	20:00:00	0	129.712	17.1	4120.2
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8/12/2016	20:30:00	0	129.693	17.1	4088.9
8/12/2016	20:45:00	0	129.748	17.1	4068.1
8/12/2016	21:00:00	0	129.667	17.1	4121.3
8/12/2016	21:15:00	0	129.721	17.1	4061.1
8/12/2016	21:30:00	0	129.815	17.1	4054.2
8/12/2016	21:45:00	0	129.736	17.1	4039.1
8/12/2016	22:00:00	0	129.851	17.1	4134.1
8/12/2016	22:15:00	0	129.748	17.1	4059.9
8/12/2016	22:30:00	0	129.854	17.1	4068.1
8/12/2016	22:45:00	0	129.798	17.1	4050.7
8/12/2016	23:00:00	0	129.663	17.1	4051.8
8/12/2016	23:15:00	0	129.662	17.1	4108.6
8/12/2016	23:30:00	0	129.846	17.1	4110.9
8/12/2016	23:45:00	0	129.827	17.1	4105.1
8/13/2016	0:00:00	0	129.649	17.1	4062.3
8/13/2016	0:15:00	0	129.786	17.1	4139.9
8/13/2016	0:30:00	0	129.711	17.1	4134.1
8/13/2016	0:45:00	0	129.733	17.1	4114.4
8/13/2016	1:00:00	0	129.871	17.1	4146.8
8/13/2016	1:15:00	0	129.791	17.1	4152.6
8/13/2016	1:30:00	0	129.635	17.1	4172.3
8/13/2016	1:45:00	0	129.797	17.1	4189.6
8/13/2016	2:00:00	0	129.821	17.1	4220.9
8/13/2016	2:15:00	0	129.608	17.1	4212.8
8/13/2016	2:30:00	0	129.77	17.1	4209.3
8/13/2016	2:45:00	0	129.674	17.1	4216.3
8/13/2016	3:00:00	0	129.639	17.1	4224.4
8/13/2016	3:15:00	0	129.722	17.1	4241.8
8/13/2016	3:30:00	0	129.744	17.1	4263.8
8/13/2016	3:45:00	0	129.686	17.1	4247.5
8/13/2016	4:00:00	0	129.748	17.1	4263.8
8/13/2016	4:15:00	0	129.772	17.1	4283.4
8/13/2016	4:30:00	0	129.657	17.1	4302
8/13/2016	4:45:00	0	129.736	17.1	4302
8/13/2016	5:00:00	0	129.675	17.1	4284.6
8/13/2016	5:15:00	0	129.75	17.1	4312.4
8/13/2016	5:30:00	0	129.672	17.1	4312.4
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8/13/2016	6:00:00	0	129.691	17.1	4315.9
8/13/2016	6:15:00	0	129.727	17.1	4335.6
8/13/2016	6:30:00	0	129.704	17.1	4335.6

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8/13/2016	7:00:00	0	129.713	17.1	4289.2
8/13/2016	7:15:00	0	129.728	17.1	4315.9
8/13/2016	7:30:00	0	129.643	17.1	4315.9
8/13/2016	7:45:00	0	129.68	17.1	4291.5
8/13/2016	8:00:00	0	129.639	17.1	4327.4
8/13/2016	8:15:00	0	129.693	17.1	4289.2
8/13/2016	8:30:00	0	129.673	17.1	4337.9
8/13/2016	8:45:00	0	129.694	17.1	4319.3
8/13/2016	9:00:00	0	129.655	17.1	4277.7
8/13/2016	9:15:00	0	129.633	17.1	4281.1
8/13/2016	9:30:00	0	129.635	17.1	4249.9
8/13/2016	9:45:00	0	129.715	17.1	4300.8
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8/13/2016	10:15:00	0	129.622	17.1	4284.6
8/13/2016	10:30:00	0	129.66	17.1	4266.1
8/13/2016	10:45:00	0	129.66	17.1	4245.2
8/13/2016	11:00:00	0	129.681	17.1	4244.1
8/13/2016	11:15:00	0	129.684	17.1	4238.3
8/13/2016	11:30:00	0	129.688	17.1	4233.6
8/13/2016	11:45:00	0	129.635	17.1	4214
8/13/2016	12:00:00	0	129.676	17.1	4241.8
8/13/2016	12:15:00	0	129.68	17.1	4225.5
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8/13/2016	13:00:00	0	129.647	17.1	4200.1
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8/13/2016	13:30:00	0	129.69	17.1	4198.9
8/13/2016	13:45:00	0	129.728	17.1	4202.4
8/13/2016	14:00:00	0	129.69	17.1	4208.2
8/13/2016	14:15:00	0	129.732	17.1	4185
8/13/2016	14:30:00	0	129.714	17.1	4174.6
8/13/2016	14:45:00	0	129.734	17.1	4165.3
8/13/2016	15:00:00	0	129.698	17.1	4196.6
8/13/2016	15:15:00	0	129.76	17.1	4159.5
8/13/2016	15:30:00	0	129.766	17.1	4159.5
8/13/2016	15:45:00	0	129.711	17.1	4159.5
8/13/2016	16:00:00	0	129.774	17.1	4158.4
8/13/2016	16:15:00	0	129.801	17.1	4132.9
8/13/2016	16:30:00	0	129.827	17.1	4131.7
8/13/2016	16:45:00	0	129.768	17.1	4159.5
8/13/2016	17:00:00	0	129.853	17.1	4130.6
8/13/2016	17:15:00	0	129.758	17.1	4112.1
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8/13/2016	18:00:00	0	129.77	17.1	4080.8
8/13/2016	18:15:00	0	129.83	17.1	4063.4

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8/13/2016	19:30:00	0	129.85	17.1	4002
8/13/2016	19:45:00	0	129.913	17.1	3983.5
8/13/2016	20:00:00	0	129.865	17.1	3981.2
8/13/2016	20:15:00	0	129.848	17.1	3958
8/13/2016	20:30:00	0	129.847	17.1	3922.1
8/13/2016	20:45:00	0	129.861	17	3970.7
8/13/2016	21:00:00	0	129.88	17.1	3974.3
8/13/2016	21:15:00	0	129.878	17	3927.8
8/13/2016	21:30:00	0	129.972	17	3941.7
8/13/2016	21:45:00	0	129.873	17.1	3903.6
8/13/2016	22:00:00	0	129.89	17.1	3916.4
8/13/2016	22:15:00	0	129.894	17.1	3912.9
8/13/2016	22:30:00	0	129.853	17.1	3880.5
8/13/2016	22:45:00	0	129.954	17.1	3878.1
8/13/2016	23:00:00	0	129.857	17.1	3903.6
8/13/2016	23:15:00	0	129.838	17.1	3915.2
8/13/2016	23:30:00	0	129.957	17.1	3910.6
8/13/2016	23:45:00	0	129.917	17.1	3897.8
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8/14/2016	0:15:00	0	129.878	17	3890.6
8/14/2016	0:30:00	0	129.918	17.1	3896.7
8/14/2016	0:45:00	0	129.941	17.1	3917.5
8/14/2016	1:00:00	0	129.925	17.1	3961.5
8/14/2016	1:15:00	0	129.868	17.1	3943
8/14/2016	1:30:00	0	129.871	17.1	3963.8
8/14/2016	1:45:00	0	129.877	17	3971.8
8/14/2016	2:00:00	0	129.919	17.1	4009
8/14/2016	2:15:00	0	129.903	17	4010.1
8/14/2016	2:30:00	0	129.866	17.1	4042.6
8/14/2016	2:45:00	0	129.827	17.1	4028.7
8/14/2016	3:00:00	0	129.93	17.1	4042.6
8/14/2016	3:15:00	0	129.871	17.1	4062.3
8/14/2016	3:30:00	0	129.834	17.1	4070.4
8/14/2016	3:45:00	0	129.79	17.1	4086.6
8/14/2016	4:00:00	0	129.867	17.1	4117.8
8/14/2016	4:15:00	0	129.864	17.1	4123.6
8/14/2016	4:30:00	0	129.865	17.1	4138.7
8/14/2016	4:45:00	0	129.862	17.1	4144.5
8/14/2016	5:00:00	0	129.761	17.1	4158.4
8/14/2016	5:15:00	0	129.856	17.1	4183.9
8/14/2016	5:30:00	0	129.835	17.1	4198.9
8/14/2016	5:45:00	0	129.815	17.1	4198.9
8/14/2016	6:00:00	0	129.694	17.1	4194.3

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8/14/2016	6:30:00	0	129.863	17.1	4201.2
8/14/2016	6:45:00	0	129.84	17.1	4202.4
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8/14/2016	7:15:00	0	129.696	17.1	4195.4
8/14/2016	7:30:00	0	129.671	17.1	4198.9
8/14/2016	7:45:00	0	129.688	17.1	4189.6
8/14/2016	8:00:00	0	129.787	17.1	4225.5
8/14/2016	8:15:00	0	129.685	17.1	4200.1
8/14/2016	8:30:00	0	129.823	17.1	4185
8/14/2016	8:45:00	0	129.741	17.1	4188.5
8/14/2016	9:00:00	0	129.721	17.1	4171.1
8/14/2016	9:15:00	0	129.694	17.1	4178.1
8/14/2016	9:30:00	0	129.847	17.1	4151.4
8/14/2016	9:45:00	0	129.727	17.1	4152.6
8/14/2016	10:00:00	0	129.785	17.1	4145.6
8/14/2016	10:15:00	0	129.746	17.1	4098.2
8/14/2016	10:30:00	0	129.766	17.1	4151.4
8/14/2016	10:45:00	0	129.827	17.1	4121.3
8/14/2016	11:00:00	0	129.83	17.1	4134.1
8/14/2016	11:15:00	0	129.774	17.1	4129.4
8/14/2016	11:30:00	0	129.834	17.1	4101.6
8/14/2016	11:45:00	0	129.836	17.1	4087.7
8/14/2016	12:00:00	0	129.761	17.1	4057.6
8/14/2016	12:15:00	0	129.764	17.1	4050.7
8/14/2016	12:30:00	0	129.861	17.1	4073.8
8/14/2016	12:45:00	0	129.882	17.1	4048.4
8/14/2016	13:00:00	0	129.889	17.1	4055.3
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8/14/2016	13:30:00	0	129.832	17.1	4018.3
8/14/2016	13:45:00	0	129.794	17	4033.3
8/14/2016	14:00:00	0	129.893	17.1	4049.5
8/14/2016	14:15:00	0	129.91	17.1	4028.7
8/14/2016	14:30:00	0	129.821	17.1	4055.3
8/14/2016	14:45:00	0	129.817	17.1	4048.4
8/14/2016	15:00:00	0	129.866	17.1	4018.3
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8/14/2016	15:30:00	0	129.891	17.1	4025.2
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8/14/2016	16:30:00	0	129.878	17.1	4028.7
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8/14/2016	17:15:00	0	129.855	17.1	4034.5
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8/14/2016	17:45:00	0	129.913	17.1	4024.1

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8/14/2016	18:30:00	0	129.861	17	4038
8/14/2016	18:45:00	0	129.957	17.1	3990.5
8/14/2016	19:00:00	0	129.936	17	3999.7
8/14/2016	19:15:00	0	129.976	17	4015.9
8/14/2016	19:30:00	0	129.976	17.1	3992.8
8/14/2016	19:45:00	0	129.973	17.1	3981.2
8/14/2016	20:00:00	0	129.928	17.1	3966.1
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8/14/2016	20:30:00	0	130.023	17.1	3919.8
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8/14/2016	21:00:00	0	129.993	17	3947.5
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8/14/2016	22:00:00	0	130.029	17.1	3916.4
8/14/2016	22:15:00	0	129.987	17.1	3875.8
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8/15/2016	0:00:00	0	129.978	17	3859.3
8/15/2016	0:15:00	0	129.956	17.1	3882.8
8/15/2016	0:30:00	0	129.994	17	3850
8/15/2016	0:45:00	0	129.992	17	3846.6
8/15/2016	1:00:00	0	129.993	17	3851.2
8/15/2016	1:15:00	0	130.012	17	3877.9
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8/15/2016	2:15:00	0	129.94	17	3949.8
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8/15/2016	3:00:00	0	130.005	17	3952.1
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8/15/2016	12:30:00	0	129.991	17.1	4047.2
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8/16/2016	8:45:00	0	129.916	17.1	4212.8
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8/17/2016	13:45:00	0	129.746	17	4187.6
8/17/2016	14:00:00	0	129.767	17	4172.5
8/17/2016	14:15:00	0	129.728	17	4159.8
8/17/2016	14:30:00	0	129.712	17	4198
8/17/2016	14:45:00	0	129.732	17.1	4171.1
8/17/2016	15:00:00	0	129.757	17	4152.8
8/17/2016	15:15:00	0	129.719	17	4144.7
8/17/2016	15:30:00	0	129.721	17.1	4194.3
8/17/2016	15:45:00	0	129.724	17.1	4193.1
8/17/2016	16:00:00	0	129.71	17	4181.8
8/17/2016	16:15:00	0	129.753	17	4157.4

8/17/2016	16:30:00	0	129.777	17	4189.9
8/17/2016	16:45:00	0	129.778	17	4158.6
8/17/2016	17:00:00	0	129.74	17	4196.9
8/17/2016	17:15:00	0	129.724	17	4196.9
8/17/2016	17:30:00	0	129.705	17	4192.2
8/17/2016	17:45:00	0	129.782	17.1	4195.4
8/17/2016	18:00:00	0	129.787	17	4179.5
8/17/2016	18:15:00	0	129.71	17	4183
8/17/2016	18:30:00	0	129.676	17	4214.3
8/17/2016	18:45:00	0	129.735	17.1	4205.9
8/17/2016	19:00:00	0	129.699	17	4215.4
8/17/2016	19:15:00	0	129.736	17	4246.8
8/17/2016	19:30:00	0	129.753	17	4209.6
8/17/2016	19:45:00	0	129.79	17	4232.8
8/17/2016	20:00:00	0	129.727	17	4210.8
8/17/2016	20:15:00	0	129.725	17	4216.6
8/17/2016	20:30:00	0	129.76	17	4216.6
8/17/2016	20:45:00	0	129.755	17	4222.4
8/17/2016	21:00:00	0	129.712	17	4218.9
8/17/2016	21:15:00	0	129.787	17	4208.5
8/17/2016	21:30:00	0	129.746	17	4166.7
8/17/2016	21:45:00	0	129.748	17	4149.3
8/17/2016	22:00:00	0	129.747	17	4143.5
8/17/2016	22:15:00	0	129.828	17	4143.5
8/17/2016	22:30:00	0	129.81	17	4125
8/17/2016	22:45:00	0	129.691	17	4094.8
8/17/2016	23:00:00	0	129.712	17	4062.3
8/17/2016	23:15:00	0	129.734	17	4073.9
8/17/2016	23:30:00	0	129.814	17	4067
8/17/2016	23:45:00	0	129.75	17	4068.1

Report Date: 8/19/2016 12:29:57 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7S LT Test_2016-08-18_14-53-58-415-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time

Note

11/28/2015 4:09:52 PM Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM Device Taken Offline
11/28/2015 4:13:26 PM Sensor SN: 427086 Actual conductivity calibration.
Cell Constant: 1.01973 Cell Offset: 0
Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 4:14:17 PM Device Put Online
11/28/2015 4:14:18 PM Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55:05 PM Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40:32 AM Log Download - Used Battery: 0% Used Memory: 1% User Name: KMakar
12/10/2015 10:54:49 AM Log Download - Used Battery: 0% Used Memory: 3% User Name: CShaw Interval - Start
Time: 11/28/2015 5:00:00 PM Stop Time: 12/10/2015 11:30:00 AM
12/17/2015 10:22:31 AM Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start
Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36:01 AM Log Download - Used Battery: 2% Used Memory: 6% User Name: KMakar Interval - Start
Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52:24 AM Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start
Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10:00 AM Log Download - Used Battery: 3% Used Memory: 7% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56:04 AM Log Download - Used Battery: 3% Used Memory: 9% User Name: CShaw Interval - Start
Time: 12/31/2015 1:00:00 PM Stop Time: 2/4/2016 11:45:00 AM
2/11/2016 8:06:16 AM Log Download - Used Battery: 4% Used Memory: 9% User Name: CShaw Interval - Start
Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 9:00:00 AM
2/18/2016 10:45:03 AM Log Download - Used Battery: 4% Used Memory: 10% User Name: CShaw Interval - Start
Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:00:00 AM
2/25/2016 10:12:00 AM Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53:38 AM Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start
Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:44:16 AM Log Download - Used Battery: 5% Used Memory: 12% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 2:24:53 PM Log Download - Used Battery: 5% Used Memory: 14% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 3:15:00 PM
3/24/2016 9:41:10 AM Log Download - Used Battery: 6% Used Memory: 14% User Name: KMakar Interval - Start
Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/31/2016 12:03:59 PM Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 12:00:00 PM
4/7/2016 10:57:09 AM Log Download - Used Battery: 6% Used Memory: 15% User Name: KMakar Interval - Start
Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 10:45:00 AM
4/14/2016 9:09:55 AM Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start
Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 9:45:00 AM
4/21/2016 9:05:20 AM Log Download - Used Battery: 7% Used Memory: 18% User Name: ELinden Interval - Start
Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 9:30:00 AM

4/28/2016 10:19:22 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 10:15:00 AM
5/5/2016 8:15:57 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:05:00 AM
5/12/2016 9:13:18 AM Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 12:16:23 PM Log Download - Used Battery: 9% Used Memory: 21% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:15:00 PM
5/26/2016 8:37:42 AM Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:30:00 AM
6/2/2016 10:47:40 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
6/9/2016 8:35:24 AM Log Download - Used Battery: 10% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 9:30:00 AM
6/16/2016 10:23:58 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 9:06:49 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 10:55:42 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 10:45:00 AM
7/8/2016 11:18:07 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 12:00:00 PM
7/14/2016 3:47:33 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 4:45:00 PM
7/21/2016 4:46:41 PM Log Download - Used Battery: 12% Used Memory: 28% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:30:00 PM
7/28/2016 5:35:19 PM Log Download - Used Battery: 12% Used Memory: 29% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:30:00 PM
8/4/2016 8:45:40 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 8:45:00 AM
8/11/2016 11:27:05 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 12:15:00 PM
8/18/2016 2:52:48 PM Log Download - Used Battery: 13% Used Memory: 31% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 3:45:00 PM
8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 740

Sensors: 2

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

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc		
427086	SN#: 427086	SN#: 427086	SN#: 427086	SN#: 427086
SN#: 427086	SN#: 000000			

Actual Conductivity (μS) Resistivity (ohm-cm)	Specific Conductivity (μS) Water Density (g/cm ³)	Total Dissolved Solids (ppt) Barometric Pressure (PSI)	Salinity (PSU)	
8/11/2016 12:00:00 AM 1830.229 1.000	7200.000 2130.869 14.708	12.082 1.449	17.613 1.100	27.539 546.380
8/11/2016 12:15:00 AM 1829.904 1.000	8100.000 2130.519 14.716	12.070 1.449	17.613 1.100	27.512 546.477
8/11/2016 12:30:00 AM 1830.775 1.000	9000.000 2131.480 14.713	12.075 1.449	17.614 1.100	27.523 546.217
8/11/2016 12:45:00 AM 1831.373 1.000	9900.000 2132.213 14.715	12.077 1.450	17.613 1.101	27.527 546.038
8/11/2016 1:00:00 AM 1831.607 1.000	10800.000 2132.494 14.718	12.073 1.450	17.613 1.101	27.519 545.969
8/11/2016 1:15:00 AM 1831.505 1.000	11700.000 2132.396 14.711	12.081 1.450	17.612 1.101	27.536 545.999
8/11/2016 1:30:00 AM 1831.099 1.000	12600.000 2131.878 14.715	12.078 1.450	17.613 1.100	27.529 546.120
8/11/2016 1:45:00 AM 1830.986 1.000	13500.000 2131.763 14.713	12.079 1.450	17.613 1.100	27.532 546.154
8/11/2016 2:00:00 AM 1831.545 1.000	14400.000 2132.393 14.715	12.077 1.450	17.613 1.101	27.528 545.987
8/11/2016 2:15:00 AM 1831.242 1.000	15300.000 2132.074 14.714	12.078 1.450	17.613 1.101	27.530 546.077
8/11/2016 2:30:00 AM 1831.040 1.000	16200.000 2131.817 14.717	12.075 1.450	17.613 1.100	27.522 546.138
8/11/2016 2:45:00 AM 1829.681 1.000	17100.000 2130.206 14.716	12.077 1.449	17.614 1.100	27.527 546.544
8/11/2016 3:00:00 AM 1829.686 1.000	18000.000 2130.270 14.718	12.076 1.449	17.612 1.100	27.524 546.542
8/11/2016 3:15:00 AM 1830.533 1.000	18900.000 2131.186 14.715	12.078 1.449	17.614 1.100	27.529 546.289
8/11/2016 3:30:00 AM 1830.886 1.000	19800.000 2131.625 14.714	12.079 1.450	17.613 1.100	27.532 546.184
8/11/2016 3:45:00 AM 1830.614 1.000	20700.000 2131.305 14.714	12.080 1.449	17.613 1.100	27.533 546.265
8/11/2016 4:00:00 AM 1830.764	21600.000 2131.488	12.081 1.449	17.613 1.100	27.537 546.220

1.000	14.713			
8/11/2016 4:15:00 AM	22500.000	12.078	17.614	27.530
1830.332	2130.972	1.449	1.100	546.349
1.000	14.715			
8/11/2016 4:30:00 AM	23400.000	12.083	17.613	27.540
1830.044	2130.675	1.449	1.100	546.435
1.000	14.710			
8/11/2016 4:45:00 AM	24300.000	12.085	17.613	27.546
1830.723	2131.448	1.449	1.100	546.232
1.000	14.709			
8/11/2016 5:00:00 AM	25200.000	12.081	17.612	27.536
1830.617	2131.354	1.449	1.100	546.264
1.000	14.713			
8/11/2016 5:15:00 AM	26100.000	12.072	17.613	27.516
1830.627	2131.341	1.449	1.100	546.261
1.000	14.721			
8/11/2016 5:30:00 AM	27000.000	12.080	17.613	27.534
1830.848	2131.582	1.449	1.100	546.195
1.000	14.713			
8/11/2016 5:45:00 AM	27900.000	12.080	17.613	27.535
1831.081	2131.862	1.450	1.100	546.125
1.000	14.713			
8/11/2016 6:00:00 AM	28800.000	12.076	17.613	27.525
1830.910	2131.663	1.450	1.100	546.176
1.000	14.718			
8/11/2016 6:15:00 AM	29700.000	12.073	17.613	27.518
1831.004	2131.780	1.450	1.100	546.148
1.000	14.723			
8/11/2016 6:30:00 AM	30600.000	12.076	17.613	27.526
1831.076	2131.864	1.450	1.100	546.127
1.000	14.718			
8/11/2016 6:45:00 AM	31500.000	12.068	17.613	27.506
1831.350	2132.187	1.450	1.101	546.045
1.000	14.728			
8/11/2016 7:00:00 AM	32400.000	12.065	17.614	27.500
1830.792	2131.508	1.449	1.100	546.212
1.000	14.732			
8/11/2016 7:15:00 AM	33300.000	12.065	17.613	27.499
1830.974	2131.740	1.450	1.100	546.158
1.000	14.733			
8/11/2016 7:30:00 AM	34200.000	12.067	17.613	27.505
1830.407	2131.084	1.449	1.100	546.327
1.000	14.734			
8/11/2016 7:45:00 AM	35100.000	12.058	17.613	27.483
1829.258	2129.739	1.448	1.099	546.670
1.000	14.740			
8/11/2016 8:00:00 AM	36000.000	12.059	17.613	27.485
1829.537	2130.050	1.448	1.099	546.586
1.000	14.745			
8/11/2016 8:15:00 AM	36900.000	12.063	17.614	27.495
1828.879	2129.268	1.448	1.099	546.783
1.000	14.744			
8/11/2016 8:30:00 AM	37800.000	12.060	17.614	27.488
1829.390	2129.855	1.448	1.099	546.630
1.000	14.748			

8/11/2016 8:45:00 AM	38700.000	12.064	17.613	27.497
1829.645	2130.176	1.449	1.100	546.554
1.000	14.746			
8/11/2016 9:00:00 AM	39600.000	12.063	17.613	27.496
1829.780	2130.342	1.449	1.100	546.514
1.000	14.748			
8/11/2016 9:15:00 AM	40500.000	12.064	17.614	27.497
1830.252	2130.880	1.449	1.100	546.373
1.000	14.750			
8/11/2016 9:30:00 AM	41400.000	12.058	17.614	27.485
1829.654	2130.175	1.449	1.100	546.551
1.000	14.753			
8/11/2016 9:45:00 AM	42300.000	12.064	17.614	27.497
1829.202	2129.645	1.448	1.099	546.686
1.000	14.754			
8/11/2016 10:00:00 AM	43200.000	12.061	17.613	27.490
1829.814	2130.395	1.449	1.100	546.504
1.000	14.758			
8/11/2016 10:15:00 AM	44100.000	12.060	17.613	27.488
1829.853	2130.457	1.449	1.100	546.492
1.000	14.756			
8/11/2016 10:30:00 AM	45000.000	12.065	17.613	27.499
1829.095	2129.566	1.448	1.099	546.718
1.000	14.759			
8/11/2016 10:45:00 AM	45900.000	12.058	17.614	27.484
1828.833	2129.223	1.448	1.099	546.797
1.000	14.760			
8/11/2016 11:00:00 AM	46800.000	12.064	17.613	27.497
1828.646	2129.055	1.448	1.099	546.853
1.000	14.762			
8/11/2016 11:15:00 AM	47700.000	12.065	17.615	27.501
1828.093	2128.320	1.447	1.099	547.018
1.000	14.756			
8/11/2016 11:30:00 AM	48600.000	12.071	17.615	27.514
1827.113	2127.179	1.446	1.098	547.312
1.000	14.756			
8/11/2016 11:45:00 AM	49500.000	12.062	17.614	27.492
1829.677	2130.197	1.449	1.100	546.545
1.000	14.762			
8/11/2016 12:00:00 PM	50400.000	12.068	17.613	27.508
1831.078	2131.861	1.450	1.100	546.126
1.000	14.760			
8/11/2016 12:15:00 PM	51300.000	12.070	17.612	27.511
1831.665	2132.574	1.450	1.101	545.951
1.000	14.760			
8/11/2016 12:30:00 PM	52200.000	12.069	17.614	27.510
1831.723	2132.592	1.450	1.101	545.934
1.000	14.757			
8/11/2016 12:45:00 PM	53100.000	12.072	17.613	27.517
1831.680	2132.567	1.450	1.101	545.947
1.000	14.759			
8/11/2016 1:00:00 PM	54000.000	12.074	17.613	27.521
1831.250	2132.075	1.450	1.101	546.075
1.000	14.758			
8/11/2016 1:15:00 PM	54900.000	12.082	17.613	27.538

1831.272	2132.100	1.450	1.101	546.069
1.000	14.750			
8/11/2016 1:30:00 PM	55800.000	12.074	17.613	27.520
1830.391	2131.050	1.449	1.100	546.331
1.000	14.759			
8/11/2016 1:45:00 PM	56700.000	12.080	17.613	27.535
1830.690	2131.435	1.449	1.100	546.242
1.000	14.752			
8/11/2016 2:00:00 PM	57600.000	12.068	17.613	27.508
1830.348	2130.995	1.449	1.100	546.344
1.000	14.760			
8/11/2016 2:15:00 PM	58500.000	12.072	17.613	27.515
1830.043	2130.648	1.449	1.100	546.435
1.000	14.758			
8/11/2016 2:30:00 PM	59400.000	12.078	17.614	27.530
1829.678	2130.211	1.449	1.100	546.544
1.000	14.755			
8/11/2016 2:45:00 PM	60300.000	12.070	17.613	27.510
1829.995	2130.601	1.449	1.100	546.449
1.000	14.764			
8/11/2016 3:00:00 PM	61200.000	12.077	17.613	27.528
1829.939	2130.523	1.449	1.100	546.466
1.000	14.755			
8/11/2016 3:15:00 PM	62100.000	12.079	17.614	27.532
1829.947	2130.512	1.449	1.100	546.464
1.000	14.753			
8/11/2016 3:30:00 PM	63000.000	12.081	17.613	27.535
1830.223	2130.888	1.449	1.100	546.381
1.000	14.754			
8/11/2016 3:45:00 PM	63900.000	12.080	17.613	27.534
1830.297	2130.957	1.449	1.100	546.359
1.000	14.751			
8/11/2016 4:00:00 PM	64800.000	12.085	17.613	27.546
1829.712	2130.263	1.449	1.100	546.534
1.000	14.747			
8/11/2016 4:15:00 PM	65700.000	12.077	17.614	27.526
1829.571	2130.078	1.448	1.099	546.576
1.000	14.754			
8/11/2016 4:30:00 PM	66600.000	12.083	17.614	27.542
1829.769	2130.309	1.449	1.100	546.517
1.000	14.746			
8/11/2016 4:45:00 PM	67500.000	12.082	17.614	27.540
1829.964	2130.515	1.449	1.100	546.459
1.000	14.747			
8/11/2016 5:00:00 PM	68400.000	12.082	17.613	27.539
1830.592	2131.292	1.449	1.100	546.271
1.000	14.747			
8/11/2016 5:15:00 PM	69300.000	12.083	17.613	27.540
1830.259	2130.925	1.449	1.100	546.371
1.000	14.741			
8/11/2016 5:30:00 PM	70200.000	12.082	17.612	27.538
1829.910	2130.560	1.449	1.100	546.475
1.000	14.746			
8/11/2016 5:45:00 PM	71100.000	12.085	17.614	27.545
1829.677	2130.205	1.449	1.100	546.545

1.000	14.742			
8/11/2016 6:00:00 PM	72000.000	12.085	17.613	27.547
1829.695	2130.235	1.449	1.100	546.539
1.000	14.741			
8/11/2016 6:15:00 PM	72900.000	12.080	17.613	27.535
1829.865	2130.441	1.449	1.100	546.489
1.000	14.744			
8/11/2016 6:30:00 PM	73800.000	12.083	17.613	27.542
1829.970	2130.567	1.449	1.100	546.457
1.000	14.741			
8/11/2016 6:45:00 PM	74700.000	12.088	17.614	27.553
1829.901	2130.458	1.449	1.100	546.478
1.000	14.735			
8/11/2016 7:00:00 PM	75600.000	12.085	17.614	27.546
1829.547	2130.050	1.448	1.099	546.584
1.000	14.739			
8/11/2016 7:15:00 PM	76500.000	12.082	17.614	27.540
1829.459	2129.952	1.448	1.099	546.610
1.000	14.739			
8/11/2016 7:30:00 PM	77400.000	12.080	17.614	27.534
1828.977	2129.378	1.448	1.099	546.754
1.000	14.741			
8/11/2016 7:45:00 PM	78300.000	12.083	17.614	27.541
1829.555	2130.067	1.448	1.099	546.581
1.000	14.738			
8/11/2016 8:00:00 PM	79200.000	12.082	17.612	27.539
1829.421	2129.973	1.448	1.099	546.621
1.000	14.739			
8/11/2016 8:15:00 PM	80100.000	12.073	17.614	27.519
1829.601	2130.104	1.448	1.099	546.567
1.000	14.746			
8/11/2016 8:30:00 PM	81000.000	12.076	17.614	27.526
1830.149	2130.743	1.449	1.100	546.404
1.000	14.744			
8/11/2016 8:45:00 PM	81900.000	12.081	17.615	27.537
1830.219	2130.796	1.449	1.100	546.383
1.000	14.739			
8/11/2016 9:00:00 PM	82800.000	12.081	17.613	27.536
1830.849	2131.579	1.449	1.100	546.195
1.000	14.739			
8/11/2016 9:15:00 PM	83700.000	12.077	17.614	27.528
1830.994	2131.727	1.450	1.100	546.151
1.000	14.743			
8/11/2016 9:30:00 PM	84600.000	12.072	17.614	27.517
1831.306	2132.085	1.450	1.101	546.058
1.000	14.749			
8/11/2016 9:45:00 PM	85500.000	12.076	17.612	27.524
1831.210	2132.048	1.450	1.101	546.087
1.000	14.748			
8/11/2016 10:00:00 PM	86400.000	12.075	17.614	27.522
1830.904	2131.630	1.450	1.100	546.178
1.000	14.747			
8/11/2016 10:15:00 PM	87300.000	12.071	17.614	27.514
1830.344	2130.987	1.449	1.100	546.345
1.000	14.748			

8/11/2016 10:30:00 PM	88200.000	12.080	17.614	27.533
1830.243	2130.856	1.449	1.100	546.376
1.000	14.745			
8/11/2016 10:45:00 PM	89100.000	12.076	17.613	27.524
1830.239	2130.881	1.449	1.100	546.377
1.000	14.748			
8/11/2016 11:00:00 PM	90000.000	12.083	17.614	27.541
1830.404	2131.048	1.449	1.100	546.327
1.000	14.743			
8/11/2016 11:15:00 PM	90900.000	12.077	17.614	27.527
1830.784	2131.469	1.449	1.100	546.214
1.000	14.747			
8/11/2016 11:30:00 PM	91800.000	12.076	17.614	27.526
1830.829	2131.551	1.449	1.100	546.201
1.000	14.748			
8/11/2016 11:45:00 PM	92700.000	12.078	17.614	27.529
1830.664	2131.330	1.449	1.100	546.250
1.000	14.747			
8/12/2016 12:00:00 AM	93600.000	12.072	17.614	27.516
1830.289	2130.889	1.449	1.100	546.362
1.000	14.748			
8/12/2016 12:15:00 AM	94500.000	12.076	17.614	27.526
1830.414	2131.034	1.449	1.100	546.325
1.000	14.748			
8/12/2016 12:30:00 AM	95400.000	12.076	17.613	27.526
1830.520	2131.220	1.449	1.100	546.293
1.000	14.749			
8/12/2016 12:45:00 AM	96300.000	12.074	17.613	27.520
1830.856	2131.608	1.449	1.100	546.193
1.000	14.750			
8/12/2016 1:00:00 AM	97200.000	12.079	17.613	27.532
1830.801	2131.531	1.449	1.100	546.209
1.000	14.746			
8/12/2016 1:15:00 AM	98100.000	12.081	17.614	27.536
1830.714	2131.392	1.449	1.100	546.235
1.000	14.744			
8/12/2016 1:30:00 AM	99000.000	12.078	17.614	27.530
1830.463	2131.104	1.449	1.100	546.310
1.000	14.746			
8/12/2016 1:45:00 AM	99900.000	12.076	17.613	27.524
1830.139	2130.756	1.449	1.100	546.407
1.000	14.749			
8/12/2016 2:00:00 AM	100800.000	12.083	17.612	27.542
1829.990	2130.640	1.449	1.100	546.451
1.000	14.743			
8/12/2016 2:15:00 AM	101700.000	12.079	17.613	27.532
1829.743	2130.290	1.449	1.100	546.525
1.000	14.744			
8/12/2016 2:30:00 AM	102600.000	12.078	17.613	27.529
1830.186	2130.840	1.449	1.100	546.392
1.000	14.746			
8/12/2016 2:45:00 AM	103500.000	12.078	17.614	27.528
1830.403	2131.042	1.449	1.100	546.328
1.000	14.742			
8/12/2016 3:00:00 AM	104400.000	12.087	17.614	27.551

1830.473	2131.133	1.449	1.100	546.307
1.000	14.736			
8/12/2016 3:15:00 AM	105300.000	12.086	17.613	27.548
1830.907	2131.658	1.450	1.100	546.177
1.000	14.736			
8/12/2016 3:30:00 AM	106200.000	12.075	17.613	27.523
1831.164	2131.961	1.450	1.100	546.101
1.000	14.744			
8/12/2016 3:45:00 AM	107100.000	12.083	17.613	27.541
1830.807	2131.538	1.449	1.100	546.207
1.000	14.739			
8/12/2016 4:00:00 AM	108000.000	12.080	17.614	27.533
1830.540	2131.214	1.449	1.100	546.287
1.000	14.743			
8/12/2016 4:15:00 AM	108900.000	12.085	17.614	27.546
1830.391	2131.020	1.449	1.100	546.331
1.000	14.736			
8/12/2016 4:30:00 AM	109800.000	12.079	17.613	27.533
1830.625	2131.317	1.449	1.100	546.262
1.000	14.742			
8/12/2016 4:45:00 AM	110700.000	12.084	17.613	27.544
1830.588	2131.279	1.449	1.100	546.273
1.000	14.737			
8/12/2016 5:00:00 AM	111600.000	12.078	17.614	27.529
1830.401	2131.028	1.449	1.100	546.328
1.000	14.742			
8/12/2016 5:15:00 AM	112500.000	12.074	17.614	27.519
1830.279	2130.903	1.449	1.100	546.365
1.000	14.744			
8/12/2016 5:30:00 AM	113400.000	12.074	17.614	27.520
1830.244	2130.870	1.449	1.100	546.375
1.000	14.746			
8/12/2016 5:45:00 AM	114300.000	12.073	17.613	27.517
1830.137	2130.762	1.449	1.100	546.407
1.000	14.748			
8/12/2016 6:00:00 AM	115200.000	12.071	17.613	27.513
1829.996	2130.606	1.449	1.100	546.449
1.000	14.751			
8/12/2016 6:15:00 AM	116100.000	12.077	17.614	27.527
1830.030	2130.588	1.449	1.100	546.439
1.000	14.745			
8/12/2016 6:30:00 AM	117000.000	12.076	17.613	27.526
1829.798	2130.359	1.449	1.100	546.508
1.000	14.750			
8/12/2016 6:45:00 AM	117900.000	12.073	17.614	27.518
1829.501	2129.980	1.448	1.099	546.597
1.000	14.751			
8/12/2016 7:00:00 AM	118800.000	12.071	17.613	27.513
1829.548	2130.068	1.448	1.099	546.583
1.000	14.755			
8/12/2016 7:15:00 AM	119700.000	12.066	17.614	27.502
1829.341	2129.777	1.448	1.099	546.645
1.000	14.758			
8/12/2016 7:30:00 AM	120600.000	12.066	17.614	27.502
1829.100	2129.514	1.448	1.099	546.717

1.000	14.760			
8/12/2016 7:45:00 AM	121500.000	12.063	17.615	27.495
1829.056	2129.416	1.448	1.099	546.730
1.000	14.765			
8/12/2016 8:00:00 AM	122400.000	12.072	17.614	27.515
1829.264	2129.696	1.448	1.099	546.668
1.000	14.758			
8/12/2016 8:15:00 AM	123300.000	12.062	17.613	27.494
1829.314	2129.796	1.448	1.099	546.653
1.000	14.768			
8/12/2016 8:30:00 AM	124200.000	12.068	17.613	27.507
1829.273	2129.748	1.448	1.099	546.665
1.000	14.763			
8/12/2016 8:45:00 AM	125100.000	12.076	17.612	27.524
1829.105	2129.594	1.448	1.099	546.715
1.000	14.759			
8/12/2016 9:00:00 AM	126000.000	12.074	17.614	27.519
1829.095	2129.528	1.448	1.099	546.719
1.000	14.761			
8/12/2016 9:15:00 AM	126900.000	12.071	17.614	27.514
1828.933	2129.328	1.448	1.099	546.767
1.000	14.764			
8/12/2016 9:30:00 AM	127800.000	12.071	17.614	27.513
1828.855	2129.245	1.448	1.099	546.790
1.000	14.765			
8/12/2016 9:45:00 AM	128700.000	12.065	17.613	27.499
1828.833	2129.252	1.448	1.099	546.797
1.000	14.764			
8/12/2016 10:00:00 AM	129600.000	12.070	17.614	27.511
1829.047	2129.444	1.448	1.099	546.733
1.000	14.768			
8/12/2016 10:15:00 AM	130500.000	12.069	17.615	27.509
1829.255	2129.672	1.448	1.099	546.671
1.000	14.766			
8/12/2016 10:30:00 AM	131400.000	12.079	17.613	27.532
1828.912	2129.323	1.448	1.099	546.773
1.000	14.759			
8/12/2016 10:45:00 AM	132300.000	12.072	17.613	27.517
1828.981	2129.408	1.448	1.099	546.752
1.000	14.766			
8/12/2016 11:00:00 AM	133200.000	12.069	17.612	27.509
1828.948	2129.419	1.448	1.099	546.762
1.000	14.770			
8/12/2016 11:15:00 AM	134100.000	12.067	17.614	27.503
1828.573	2128.899	1.448	1.099	546.875
1.000	14.767			
8/12/2016 11:30:00 AM	135000.000	12.076	17.613	27.524
1828.606	2128.967	1.448	1.099	546.865
1.000	14.764			
8/12/2016 11:45:00 AM	135900.000	12.078	17.614	27.529
1828.595	2128.942	1.448	1.099	546.868
1.000	14.763			
8/12/2016 12:00:00 PM	136800.000	12.073	17.613	27.518
1828.963	2129.407	1.448	1.099	546.758
1.000	14.768			

8/12/2016 12:15:00 PM	137700.000	12.069	17.613	27.510
1829.158	2129.630	1.448	1.099	546.700
1.000	14.767			
8/12/2016 12:30:00 PM	138600.000	12.073	17.613	27.518
1829.021	2129.455	1.448	1.099	546.741
1.000	14.769			
8/12/2016 12:45:00 PM	139500.000	12.071	17.612	27.513
1829.141	2129.639	1.448	1.099	546.705
1.000	14.767			
8/12/2016 1:00:00 PM	140400.000	12.077	17.613	27.527
1829.297	2129.775	1.448	1.099	546.658
1.000	14.764			
8/12/2016 1:15:00 PM	141300.000	12.084	17.613	27.542
1829.192	2129.657	1.448	1.099	546.690
1.000	14.758			
8/12/2016 1:30:00 PM	142200.000	12.081	17.613	27.536
1828.941	2129.374	1.448	1.099	546.764
1.000	14.760			
8/12/2016 1:45:00 PM	143100.000	12.079	17.613	27.533
1828.643	2129.048	1.448	1.099	546.854
1.000	14.760			
8/12/2016 2:00:00 PM	144000.000	12.078	17.614	27.529
1828.761	2129.127	1.448	1.099	546.818
1.000	14.763			
8/12/2016 2:15:00 PM	144900.000	12.081	17.614	27.535
1828.777	2129.162	1.448	1.099	546.813
1.000	14.760			
8/12/2016 2:30:00 PM	145800.000	12.079	17.614	27.532
1828.856	2129.250	1.448	1.099	546.790
1.000	14.761			
8/12/2016 2:45:00 PM	146700.000	12.080	17.614	27.534
1828.604	2128.923	1.448	1.099	546.865
1.000	14.759			
8/12/2016 3:00:00 PM	147600.000	12.080	17.615	27.534
1828.724	2129.050	1.448	1.099	546.829
1.000	14.759			
8/12/2016 3:15:00 PM	148500.000	12.080	17.614	27.535
1828.568	2128.910	1.448	1.099	546.876
1.000	14.757			
8/12/2016 3:30:00 PM	149400.000	12.076	17.615	27.525
1828.888	2129.224	1.448	1.099	546.780
1.000	14.758			
8/12/2016 3:45:00 PM	150300.000	12.085	17.613	27.547
1829.024	2129.458	1.448	1.099	546.740
1.000	14.753			
8/12/2016 4:00:00 PM	151200.000	12.076	17.615	27.525
1829.357	2129.787	1.448	1.099	546.640
1.000	14.761			
8/12/2016 4:15:00 PM	152100.000	12.082	17.613	27.538
1829.324	2129.802	1.448	1.099	546.650
1.000	14.753			
8/12/2016 4:30:00 PM	153000.000	12.083	17.613	27.542
1829.389	2129.884	1.448	1.099	546.630
1.000	14.753			
8/12/2016 4:45:00 PM	153900.000	12.084	17.614	27.544

1829.511	2130.004	1.448	1.099	546.594
1.000	14.751			
8/12/2016 5:00:00 PM	154800.000	12.086	17.614	27.547
1829.310	2129.753	1.448	1.099	546.654
1.000	14.749			
8/12/2016 5:15:00 PM	155700.000	12.088	17.613	27.552
1829.311	2129.808	1.448	1.099	546.654
1.000	14.745			
8/12/2016 5:30:00 PM	156600.000	12.085	17.614	27.546
1829.523	2130.031	1.448	1.099	546.591
1.000	14.746			
8/12/2016 5:45:00 PM	157500.000	12.095	17.614	27.568
1829.454	2129.934	1.448	1.099	546.611
1.000	14.735			
8/12/2016 6:00:00 PM	158400.000	12.092	17.614	27.561
1829.642	2130.148	1.449	1.100	546.555
1.000	14.737			
8/12/2016 6:15:00 PM	159300.000	12.090	17.614	27.557
1829.636	2130.137	1.448	1.100	546.557
1.000	14.733			
8/12/2016 6:30:00 PM	160200.000	12.090	17.613	27.557
1829.542	2130.056	1.448	1.099	546.585
1.000	14.735			
8/12/2016 6:45:00 PM	161100.000	12.092	17.613	27.562
1829.650	2130.187	1.449	1.100	546.553
1.000	14.732			
8/12/2016 7:00:00 PM	162000.000	12.092	17.614	27.562
1829.854	2130.403	1.449	1.100	546.492
1.000	14.730			
8/12/2016 7:15:00 PM	162900.000	12.084	17.614	27.544
1829.734	2130.268	1.449	1.100	546.528
1.000	14.732			
8/12/2016 7:30:00 PM	163800.000	12.088	17.613	27.553
1829.905	2130.500	1.449	1.100	546.477
1.000	14.732			
8/12/2016 7:45:00 PM	164700.000	12.093	17.614	27.564
1829.791	2130.330	1.449	1.100	546.510
1.000	14.724			
8/12/2016 8:00:00 PM	165600.000	12.087	17.614	27.550
1829.840	2130.396	1.449	1.100	546.496
1.000	14.728			
8/12/2016 8:15:00 PM	166500.000	12.082	17.614	27.539
1829.614	2130.128	1.448	1.100	546.563
1.000	14.734			
8/12/2016 8:30:00 PM	167400.000	12.082	17.613	27.538
1829.607	2130.132	1.448	1.100	546.565
1.000	14.734			
8/12/2016 8:45:00 PM	168300.000	12.081	17.614	27.536
1829.829	2130.362	1.449	1.100	546.499
1.000	14.735			
8/12/2016 9:00:00 PM	169200.000	12.083	17.613	27.540
1829.900	2130.478	1.449	1.100	546.478
1.000	14.734			
8/12/2016 9:15:00 PM	170100.000	12.081	17.614	27.537
1829.970	2130.534	1.449	1.100	546.457

1.000	14.736			
8/12/2016 9:30:00 PM	171000.000	12.075	17.614	27.522
1829.883	2130.424	1.449	1.100	546.483
1.000	14.741			
8/12/2016 9:45:00 PM	171900.000	12.077	17.613	27.528
1829.929	2130.507	1.449	1.100	546.469
1.000	14.739			
8/12/2016 10:00:00 PM	172800.000	12.076	17.613	27.524
1830.087	2130.696	1.449	1.100	546.422
1.000	14.737			
8/12/2016 10:15:00 PM	173700.000	12.073	17.613	27.517
1829.731	2130.293	1.449	1.100	546.529
1.000	14.744			
8/12/2016 10:30:00 PM	174600.000	12.071	17.614	27.513
1829.831	2130.373	1.449	1.100	546.499
1.000	14.746			
8/12/2016 10:45:00 PM	175500.000	12.079	17.614	27.532
1829.428	2129.907	1.448	1.099	546.619
1.000	14.737			
8/12/2016 11:00:00 PM	176400.000	12.076	17.615	27.526
1829.685	2130.156	1.449	1.100	546.542
1.000	14.739			
8/12/2016 11:15:00 PM	177300.000	12.074	17.614	27.520
1829.926	2130.484	1.449	1.100	546.470
1.000	14.739			
8/12/2016 11:30:00 PM	178200.000	12.078	17.615	27.530
1829.801	2130.309	1.449	1.100	546.508
1.000	14.738			
8/12/2016 11:45:00 PM	179100.000	12.082	17.614	27.539
1829.581	2130.074	1.448	1.099	546.573
1.000	14.733			
8/13/2016 12:00:00 AM	180000.000	12.084	17.614	27.542
1829.220	2129.670	1.448	1.099	546.681
1.000	14.732			
8/13/2016 12:15:00 AM	180900.000	12.080	17.614	27.535
1829.125	2129.538	1.448	1.099	546.709
1.000	14.735			
8/13/2016 12:30:00 AM	181800.000	12.083	17.613	27.540
1829.281	2129.752	1.448	1.099	546.663
1.000	14.732			
8/13/2016 12:45:00 AM	182700.000	12.078	17.614	27.530
1829.793	2130.345	1.449	1.100	546.510
1.000	14.731			
8/13/2016 1:00:00 AM	183600.000	12.087	17.614	27.549
1829.872	2130.416	1.449	1.100	546.486
1.000	14.728			
8/13/2016 1:15:00 AM	184500.000	12.081	17.614	27.537
1829.788	2130.339	1.449	1.100	546.512
1.000	14.731			
8/13/2016 1:30:00 AM	185400.000	12.076	17.613	27.525
1829.739	2130.290	1.449	1.100	546.526
1.000	14.737			
8/13/2016 1:45:00 AM	186300.000	12.084	17.614	27.544
1829.707	2130.215	1.449	1.100	546.536
1.000	14.728			

8/13/2016 2:00:00 AM	187200.000	12.085	17.614	27.547
1829.811	2130.349	1.449	1.100	546.505
1.000	14.726			
8/13/2016 2:15:00 AM	188100.000	12.083	17.614	27.540
1830.131	2130.734	1.449	1.100	546.409
1.000	14.729			
8/13/2016 2:30:00 AM	189000.000	12.085	17.614	27.546
1830.266	2130.875	1.449	1.100	546.369
1.000	14.725			
8/13/2016 2:45:00 AM	189900.000	12.086	17.614	27.548
1830.617	2131.292	1.449	1.100	546.264
1.000	14.719			
8/13/2016 3:00:00 AM	190800.000	12.085	17.614	27.545
1830.301	2130.899	1.449	1.100	546.358
1.000	14.723			
8/13/2016 3:15:00 AM	191700.000	12.084	17.615	27.544
1830.339	2130.930	1.449	1.100	546.347
1.000	14.723			
8/13/2016 3:30:00 AM	192600.000	12.085	17.614	27.545
1830.500	2131.144	1.449	1.100	546.299
1.000	14.722			
8/13/2016 3:45:00 AM	193500.000	12.084	17.614	27.542
1830.557	2131.205	1.449	1.100	546.282
1.000	14.723			
8/13/2016 4:00:00 AM	194400.000	12.088	17.614	27.552
1830.291	2130.903	1.449	1.100	546.361
1.000	14.718			
8/13/2016 4:15:00 AM	195300.000	12.087	17.614	27.550
1830.290	2130.894	1.449	1.100	546.361
1.000	14.718			
8/13/2016 4:30:00 AM	196200.000	12.092	17.615	27.562
1830.333	2130.929	1.449	1.100	546.349
1.000	14.712			
8/13/2016 4:45:00 AM	197100.000	12.087	17.614	27.549
1830.144	2130.716	1.449	1.100	546.405
1.000	14.716			
8/13/2016 5:00:00 AM	198000.000	12.089	17.614	27.554
1830.036	2130.591	1.449	1.100	546.437
1.000	14.713			
8/13/2016 5:15:00 AM	198900.000	12.085	17.614	27.547
1829.863	2130.393	1.449	1.100	546.489
1.000	14.716			
8/13/2016 5:30:00 AM	199800.000	12.081	17.615	27.537
1830.031	2130.564	1.449	1.100	546.439
1.000	14.717			
8/13/2016 5:45:00 AM	200700.000	12.083	17.615	27.542
1830.260	2130.810	1.449	1.100	546.370
1.000	14.716			
8/13/2016 6:00:00 AM	201600.000	12.080	17.614	27.533
1830.294	2130.916	1.449	1.100	546.360
1.000	14.720			
8/13/2016 6:15:00 AM	202500.000	12.083	17.614	27.542
1829.944	2130.500	1.449	1.100	546.465
1.000	14.716			
8/13/2016 6:30:00 AM	203400.000	12.081	17.614	27.536

1829.939	2130.482	1.449	1.100	546.466
1.000	14.715			
8/13/2016 6:45:00 AM	204300.000	12.082	17.614	27.540
1829.586	2130.091	1.448	1.099	546.572
1.000	14.717			
8/13/2016 7:00:00 AM	205200.000	12.074	17.614	27.521
1829.822	2130.379	1.449	1.100	546.501
1.000	14.724			
8/13/2016 7:15:00 AM	206100.000	12.078	17.614	27.530
1829.670	2130.168	1.449	1.100	546.547
1.000	14.722			
8/13/2016 7:30:00 AM	207000.000	12.072	17.614	27.515
1829.489	2129.958	1.448	1.099	546.601
1.000	14.730			
8/13/2016 7:45:00 AM	207900.000	12.070	17.615	27.511
1829.398	2129.810	1.448	1.099	546.628
1.000	14.733			
8/13/2016 8:00:00 AM	208800.000	12.073	17.614	27.519
1829.431	2129.907	1.448	1.099	546.618
1.000	14.730			
8/13/2016 8:15:00 AM	209700.000	12.072	17.614	27.517
1829.745	2130.284	1.449	1.100	546.524
1.000	14.732			
8/13/2016 8:30:00 AM	210600.000	12.074	17.614	27.520
1829.945	2130.522	1.449	1.100	546.464
1.000	14.731			
8/13/2016 8:45:00 AM	211500.000	12.076	17.613	27.524
1829.689	2130.249	1.449	1.100	546.541
1.000	14.730			
8/13/2016 9:00:00 AM	212400.000	12.069	17.614	27.509
1829.443	2129.925	1.448	1.099	546.614
1.000	14.733			
8/13/2016 9:15:00 AM	213300.000	12.069	17.614	27.508
1829.118	2129.529	1.448	1.099	546.712
1.000	14.734			
8/13/2016 9:30:00 AM	214200.000	12.072	17.615	27.517
1829.246	2129.658	1.448	1.099	546.673
1.000	14.730			
8/13/2016 9:45:00 AM	215100.000	12.076	17.614	27.525
1829.133	2129.564	1.448	1.099	546.707
1.000	14.731			
8/13/2016 10:00:00 AM	216000.000	12.078	17.614	27.530
1829.197	2129.622	1.448	1.099	546.688
1.000	14.728			
8/13/2016 10:15:00 AM	216900.000	12.080	17.614	27.533
1829.189	2129.608	1.448	1.099	546.690
1.000	14.728			
8/13/2016 10:30:00 AM	217800.000	12.079	17.615	27.531
1829.384	2129.806	1.448	1.099	546.632
1.000	14.727			
8/13/2016 10:45:00 AM	218700.000	12.079	17.614	27.531
1829.300	2129.758	1.448	1.099	546.657
1.000	14.728			
8/13/2016 11:00:00 AM	219600.000	12.079	17.614	27.532
1829.196	2129.641	1.448	1.099	546.688

1.000	14.730				
8/13/2016 11:15:00 AM	220500.000	12.076	17.614	27.526	
1829.104	2129.513	1.448	1.099	546.716	
1.000	14.730				
8/13/2016 11:30:00 AM	221400.000	12.081	17.614	27.535	
1829.011	2129.430	1.448	1.099	546.744	
1.000	14.727				
8/13/2016 11:45:00 AM	222300.000	12.080	17.615	27.535	
1828.944	2129.303	1.448	1.099	546.764	
1.000	14.722				
8/13/2016 12:00:00 PM	223200.000	12.084	17.614	27.543	
1828.926	2129.302	1.448	1.099	546.769	
1.000	14.724				
8/13/2016 12:15:00 PM	224100.000	12.080	17.614	27.534	
1829.027	2129.449	1.448	1.099	546.739	
1.000	14.721				
8/13/2016 12:30:00 PM	225000.000	12.082	17.614	27.539	
1829.320	2129.794	1.448	1.099	546.651	
1.000	14.723				
8/13/2016 12:45:00 PM	225900.000	12.079	17.613	27.532	
1829.306	2129.791	1.448	1.099	546.655	
1.000	14.721				
8/13/2016 1:00:00 PM	226800.000	12.081	17.613	27.536	
1829.165	2129.626	1.448	1.099	546.697	
1.000	14.723				
8/13/2016 1:15:00 PM	227700.000	12.086	17.614	27.547	
1829.201	2129.614	1.448	1.099	546.687	
1.000	14.717				
8/13/2016 1:30:00 PM	228600.000	12.085	17.614	27.546	
1829.086	2129.509	1.448	1.099	546.721	
1.000	14.717				
8/13/2016 1:45:00 PM	229500.000	12.087	17.614	27.550	
1829.105	2129.523	1.448	1.099	546.715	
1.000	14.714				
8/13/2016 2:00:00 PM	230400.000	12.085	17.614	27.545	
1829.258	2129.701	1.448	1.099	546.670	
1.000	14.716				
8/13/2016 2:15:00 PM	231300.000	12.083	17.614	27.541	
1829.006	2129.399	1.448	1.099	546.745	
1.000	14.718				
8/13/2016 2:30:00 PM	232200.000	12.083	17.614	27.541	
1828.712	2129.070	1.448	1.099	546.833	
1.000	14.717				
8/13/2016 2:45:00 PM	233100.000	12.085	17.615	27.545	
1829.055	2129.427	1.448	1.099	546.731	
1.000	14.714				
8/13/2016 3:00:00 PM	234000.000	12.088	17.613	27.551	
1829.336	2129.825	1.448	1.099	546.646	
1.000	14.711				
8/13/2016 3:15:00 PM	234900.000	12.083	17.613	27.542	
1829.581	2130.111	1.448	1.099	546.573	
1.000	14.713				
8/13/2016 3:30:00 PM	235800.000	12.086	17.613	27.548	
1829.553	2130.094	1.448	1.099	546.582	
1.000	14.710				

8/13/2016 3:45:00 PM	236700.000	12.085	17.614	27.545
1829.438	2129.915	1.448	1.099	546.616
1.000	14.706			
8/13/2016 4:00:00 PM	237600.000	12.089	17.615	27.554
1829.156	2129.549	1.448	1.099	546.700
1.000	14.706			
8/13/2016 4:15:00 PM	238500.000	12.086	17.615	27.549
1828.730	2129.041	1.448	1.099	546.828
1.000	14.703			
8/13/2016 4:30:00 PM	239400.000	12.093	17.613	27.563
1828.641	2129.023	1.448	1.099	546.854
1.000	14.699			
8/13/2016 4:45:00 PM	240300.000	12.090	17.614	27.556
1828.849	2129.230	1.448	1.099	546.792
1.000	14.697			
8/13/2016 5:00:00 PM	241200.000	12.093	17.614	27.565
1828.744	2129.119	1.448	1.099	546.823
1.000	14.697			
8/13/2016 5:15:00 PM	242100.000	12.095	17.613	27.567
1828.766	2129.170	1.448	1.099	546.817
1.000	14.694			
8/13/2016 5:30:00 PM	243000.000	12.091	17.615	27.560
1829.144	2129.544	1.448	1.099	546.704
1.000	14.695			
8/13/2016 5:45:00 PM	243900.000	12.095	17.614	27.568
1829.121	2129.545	1.448	1.099	546.711
1.000	14.690			
8/13/2016 6:00:00 PM	244800.000	12.095	17.613	27.568
1829.472	2129.975	1.448	1.099	546.606
1.000	14.689			
8/13/2016 6:15:00 PM	245700.000	12.093	17.615	27.564
1829.777	2130.256	1.449	1.100	546.515
1.000	14.689			
8/13/2016 6:30:00 PM	246600.000	12.092	17.614	27.563
1829.875	2130.411	1.449	1.100	546.485
1.000	14.689			
8/13/2016 6:45:00 PM	247500.000	12.090	17.614	27.557
1829.723	2130.239	1.449	1.100	546.531
1.000	14.690			
8/13/2016 7:00:00 PM	248400.000	12.086	17.614	27.547
1829.802	2130.355	1.449	1.100	546.507
1.000	14.693			
8/13/2016 7:15:00 PM	249300.000	12.083	17.614	27.541
1829.383	2129.868	1.448	1.099	546.632
1.000	14.695			
8/13/2016 7:30:00 PM	250200.000	12.083	17.614	27.540
1829.479	2129.967	1.448	1.099	546.604
1.000	14.690			
8/13/2016 7:45:00 PM	251100.000	12.090	17.613	27.556
1829.527	2130.055	1.448	1.099	546.589
1.000	14.687			
8/13/2016 8:00:00 PM	252000.000	12.087	17.615	27.551
1829.372	2129.784	1.448	1.099	546.636
1.000	14.688			
8/13/2016 8:15:00 PM	252900.000	12.090	17.614	27.556

1829.868	2130.399	1.449	1.100	546.487
1.000	14.686			
8/13/2016 8:30:00 PM	253800.000	12.087	17.614	27.549
1829.767	2130.290	1.449	1.100	546.518
1.000	14.688			
8/13/2016 8:45:00 PM	254700.000	12.083	17.614	27.541
1830.071	2130.648	1.449	1.100	546.427
1.000	14.692			
8/13/2016 9:00:00 PM	255600.000	12.083	17.614	27.541
1829.975	2130.532	1.449	1.100	546.455
1.000	14.691			
8/13/2016 9:15:00 PM	256500.000	12.077	17.614	27.528
1830.035	2130.597	1.449	1.100	546.438
1.000	14.693			
8/13/2016 9:30:00 PM	257400.000	12.082	17.613	27.539
1830.171	2130.789	1.449	1.100	546.397
1.000	14.693			
8/13/2016 9:45:00 PM	258300.000	12.084	17.615	27.543
1830.376	2130.978	1.449	1.100	546.336
1.000	14.692			
8/13/2016 10:00:00 PM	259200.000	12.080	17.614	27.535
1830.476	2131.110	1.449	1.100	546.306
1.000	14.696			
8/13/2016 10:15:00 PM	260100.000	12.079	17.614	27.532
1830.206	2130.787	1.449	1.100	546.387
1.000	14.697			
8/13/2016 10:30:00 PM	261000.000	12.083	17.614	27.541
1830.109	2130.691	1.449	1.100	546.416
1.000	14.698			
8/13/2016 10:45:00 PM	261900.000	12.081	17.615	27.536
1829.942	2130.465	1.449	1.100	546.465
1.000	14.697			
8/13/2016 11:00:00 PM	262800.000	12.082	17.613	27.538
1829.720	2130.277	1.449	1.100	546.532
1.000	14.695			
8/13/2016 11:15:00 PM	263700.000	12.079	17.614	27.532
1829.766	2130.289	1.449	1.100	546.518
1.000	14.697			
8/13/2016 11:30:00 PM	264600.000	12.083	17.615	27.541
1829.674	2130.157	1.449	1.100	546.545
1.000	14.693			
8/13/2016 11:45:00 PM	265500.000	12.086	17.614	27.547
1829.550	2130.058	1.448	1.099	546.582
1.000	14.692			
8/14/2016 12:00:00 AM	266400.000	12.083	17.614	27.541
1829.464	2129.945	1.448	1.099	546.608
1.000	14.694			
8/14/2016 12:15:00 AM	267300.000	12.084	17.614	27.542
1829.591	2130.080	1.448	1.099	546.570
1.000	14.693			
8/14/2016 12:30:00 AM	268200.000	12.080	17.614	27.533
1829.711	2130.208	1.449	1.100	546.534
1.000	14.692			
8/14/2016 12:45:00 AM	269100.000	12.086	17.614	27.549
1829.711	2130.224	1.449	1.100	546.535

1.000	14.690			
8/14/2016 1:00:00 AM	270000.000	12.081	17.615	27.535
1829.849	2130.348	1.449	1.100	546.493
1.000	14.694			
8/14/2016 1:15:00 AM	270900.000	12.085	17.614	27.546
1829.955	2130.492	1.449	1.100	546.461
1.000	14.690			
8/14/2016 1:30:00 AM	271800.000	12.082	17.614	27.538
1830.016	2130.583	1.449	1.100	546.443
1.000	14.689			
8/14/2016 1:45:00 AM	272700.000	12.083	17.614	27.542
1830.029	2130.608	1.449	1.100	546.439
1.000	14.691			
8/14/2016 2:00:00 AM	273600.000	12.085	17.615	27.545
1830.141	2130.667	1.449	1.100	546.406
1.000	14.688			
8/14/2016 2:15:00 AM	274500.000	12.085	17.614	27.546
1830.114	2130.685	1.449	1.100	546.414
1.000	14.687			
8/14/2016 2:30:00 AM	275400.000	12.085	17.613	27.547
1829.723	2130.280	1.449	1.100	546.531
1.000	14.686			
8/14/2016 2:45:00 AM	276300.000	12.083	17.614	27.540
1829.984	2130.537	1.449	1.100	546.453
1.000	14.683			
8/14/2016 3:00:00 AM	277200.000	12.087	17.615	27.549
1830.138	2130.696	1.449	1.100	546.407
1.000	14.679			
8/14/2016 3:15:00 AM	278100.000	12.092	17.615	27.562
1830.070	2130.608	1.449	1.100	546.427
1.000	14.676			
8/14/2016 3:30:00 AM	279000.000	12.088	17.614	27.553
1830.266	2130.863	1.449	1.100	546.369
1.000	14.680			
8/14/2016 3:45:00 AM	279900.000	12.085	17.614	27.547
1830.246	2130.839	1.449	1.100	546.375
1.000	14.678			
8/14/2016 4:00:00 AM	280800.000	12.084	17.614	27.543
1829.924	2130.489	1.449	1.100	546.471
1.000	14.684			
8/14/2016 4:15:00 AM	281700.000	12.083	17.614	27.540
1829.843	2130.370	1.449	1.100	546.495
1.000	14.684			
8/14/2016 4:30:00 AM	282600.000	12.082	17.614	27.540
1830.225	2130.810	1.449	1.100	546.381
1.000	14.684			
8/14/2016 4:45:00 AM	283500.000	12.084	17.615	27.543
1830.160	2130.685	1.449	1.100	546.400
1.000	14.683			
8/14/2016 5:00:00 AM	284400.000	12.079	17.615	27.533
1829.861	2130.354	1.449	1.100	546.489
1.000	14.681			
8/14/2016 5:15:00 AM	285300.000	12.080	17.615	27.535
1829.854	2130.337	1.449	1.100	546.492
1.000	14.687			

8/14/2016 5:30:00 AM	286200.000	12.081	17.616	27.537
1830.110	2130.610	1.449	1.100	546.415
1.000	14.685			
8/14/2016 5:45:00 AM	287100.000	12.074	17.615	27.520
1830.111	2130.649	1.449	1.100	546.415
1.000	14.689			
8/14/2016 6:00:00 AM	288000.000	12.082	17.615	27.539
1830.488	2131.108	1.449	1.100	546.302
1.000	14.687			
8/14/2016 6:15:00 AM	288900.000	12.071	17.616	27.513
1830.049	2130.510	1.449	1.100	546.434
1.000	14.697			
8/14/2016 6:30:00 AM	289800.000	12.077	17.615	27.527
1829.936	2130.448	1.449	1.100	546.467
1.000	14.692			
8/14/2016 6:45:00 AM	290700.000	12.076	17.614	27.525
1829.936	2130.487	1.449	1.100	546.467
1.000	14.693			
8/14/2016 7:00:00 AM	291600.000	12.075	17.614	27.522
1829.773	2130.317	1.449	1.100	546.516
1.000	14.696			
8/14/2016 7:15:00 AM	292500.000	12.071	17.614	27.513
1829.712	2130.247	1.449	1.100	546.534
1.000	14.700			
8/14/2016 7:30:00 AM	293400.000	12.083	17.615	27.541
1829.762	2130.239	1.449	1.100	546.519
1.000	14.689			
8/14/2016 7:45:00 AM	294300.000	12.077	17.614	27.526
1829.863	2130.418	1.449	1.100	546.489
1.000	14.697			
8/14/2016 8:00:00 AM	295200.000	12.074	17.614	27.520
1829.702	2130.214	1.449	1.100	546.537
1.000	14.695			
8/14/2016 8:15:00 AM	296100.000	12.071	17.614	27.514
1829.561	2130.067	1.448	1.099	546.579
1.000	14.702			
8/14/2016 8:30:00 AM	297000.000	12.073	17.615	27.519
1829.536	2129.992	1.448	1.099	546.587
1.000	14.702			
8/14/2016 8:45:00 AM	297900.000	12.072	17.614	27.517
1829.481	2129.941	1.448	1.099	546.603
1.000	14.704			
8/14/2016 9:00:00 AM	298800.000	12.073	17.616	27.518
1829.611	2130.033	1.448	1.099	546.564
1.000	14.703			
8/14/2016 9:15:00 AM	299700.000	12.073	17.614	27.518
1829.370	2129.820	1.448	1.099	546.636
1.000	14.703			
8/14/2016 9:30:00 AM	300600.000	12.076	17.615	27.526
1829.427	2129.861	1.448	1.099	546.619
1.000	14.701			
8/14/2016 9:45:00 AM	301500.000	12.074	17.615	27.521
1829.683	2130.163	1.449	1.100	546.543
1.000	14.705			
8/14/2016 10:00:00 AM	302400.000	12.064	17.615	27.498

1829.781	2130.281	1.449	1.100	546.513
1.000	14.711			
8/14/2016 10:15:00 AM	303300.000	12.069	17.615	27.509
1829.395	2129.828	1.448	1.099	546.629
1.000	14.712			
8/14/2016 10:30:00 AM	304200.000	12.077	17.615	27.527
1829.468	2129.908	1.448	1.099	546.607
1.000	14.704			
8/14/2016 10:45:00 AM	305100.000	12.071	17.615	27.514
1829.805	2130.279	1.449	1.100	546.506
1.000	14.709			
8/14/2016 11:00:00 AM	306000.000	12.073	17.615	27.518
1829.532	2129.979	1.448	1.099	546.588
1.000	14.708			
8/14/2016 11:15:00 AM	306900.000	12.078	17.615	27.530
1829.662	2130.117	1.448	1.099	546.549
1.000	14.704			
8/14/2016 11:30:00 AM	307800.000	12.078	17.615	27.529
1829.542	2129.986	1.448	1.099	546.585
1.000	14.703			
8/14/2016 11:45:00 AM	308700.000	12.081	17.615	27.537
1830.038	2130.580	1.449	1.100	546.437
1.000	14.703			
8/14/2016 12:00:00 PM	309600.000	12.075	17.615	27.524
1829.787	2130.250	1.449	1.100	546.512
1.000	14.706			
8/14/2016 12:15:00 PM	310500.000	12.074	17.614	27.520
1830.266	2130.871	1.449	1.100	546.369
1.000	14.703			
8/14/2016 12:30:00 PM	311400.000	12.082	17.615	27.539
1830.365	2130.931	1.449	1.100	546.339
1.000	14.699			
8/14/2016 12:45:00 PM	312300.000	12.078	17.614	27.529
1830.576	2131.235	1.449	1.100	546.276
1.000	14.704			
8/14/2016 1:00:00 PM	313200.000	12.086	17.614	27.548
1830.476	2131.107	1.449	1.100	546.306
1.000	14.695			
8/14/2016 1:15:00 PM	314100.000	12.079	17.615	27.532
1830.246	2130.789	1.449	1.100	546.375
1.000	14.701			
8/14/2016 1:30:00 PM	315000.000	12.083	17.614	27.540
1830.125	2130.690	1.449	1.100	546.411
1.000	14.698			
8/14/2016 1:45:00 PM	315900.000	12.075	17.614	27.522
1829.973	2130.516	1.449	1.100	546.456
1.000	14.705			
8/14/2016 2:00:00 PM	316800.000	12.079	17.614	27.531
1830.028	2130.577	1.449	1.100	546.440
1.000	14.699			
8/14/2016 2:15:00 PM	317700.000	12.087	17.614	27.550
1829.763	2130.293	1.449	1.100	546.519
1.000	14.691			
8/14/2016 2:30:00 PM	318600.000	12.081	17.614	27.536
1830.027	2130.596	1.449	1.100	546.440

1.000	14.697			
8/14/2016 2:45:00 PM	319500.000	12.079	17.614	27.533
1829.883	2130.446	1.449	1.100	546.483
1.000	14.698			
8/14/2016 3:00:00 PM	320400.000	12.086	17.614	27.548
1830.155	2130.736	1.449	1.100	546.402
1.000	14.691			
8/14/2016 3:15:00 PM	321300.000	12.087	17.614	27.550
1830.585	2131.238	1.449	1.100	546.273
1.000	14.690			
8/14/2016 3:30:00 PM	322200.000	12.084	17.614	27.544
1830.136	2130.719	1.449	1.100	546.408
1.000	14.691			
8/14/2016 3:45:00 PM	323100.000	12.084	17.615	27.543
1830.208	2130.782	1.449	1.100	546.386
1.000	14.692			
8/14/2016 4:00:00 PM	324000.000	12.088	17.615	27.553
1830.042	2130.577	1.449	1.100	546.435
1.000	14.686			
8/14/2016 4:15:00 PM	324900.000	12.081	17.614	27.535
1829.962	2130.509	1.449	1.100	546.459
1.000	14.693			
8/14/2016 4:30:00 PM	325800.000	12.086	17.615	27.548
1830.104	2130.653	1.449	1.100	546.417
1.000	14.683			
8/14/2016 4:45:00 PM	326700.000	12.081	17.614	27.536
1829.924	2130.457	1.449	1.100	546.471
1.000	14.685			
8/14/2016 5:00:00 PM	327600.000	12.080	17.614	27.535
1829.724	2130.234	1.449	1.100	546.531
1.000	14.691			
8/14/2016 5:15:00 PM	328500.000	12.081	17.614	27.536
1829.927	2130.476	1.449	1.100	546.470
1.000	14.689			
8/14/2016 5:30:00 PM	329400.000	12.084	17.614	27.542
1829.648	2130.155	1.449	1.100	546.553
1.000	14.686			
8/14/2016 5:45:00 PM	330300.000	12.085	17.615	27.546
1829.544	2129.993	1.448	1.099	546.584
1.000	14.686			
8/14/2016 6:00:00 PM	331200.000	12.080	17.614	27.535
1829.666	2130.164	1.449	1.100	546.548
1.000	14.688			
8/14/2016 6:15:00 PM	332100.000	12.078	17.614	27.528
1829.663	2130.160	1.449	1.100	546.549
1.000	14.688			
8/14/2016 6:30:00 PM	333000.000	12.079	17.615	27.532
1829.427	2129.844	1.448	1.099	546.619
1.000	14.684			
8/14/2016 6:45:00 PM	333900.000	12.085	17.615	27.545
1829.338	2129.770	1.448	1.099	546.646
1.000	14.683			
8/14/2016 7:00:00 PM	334800.000	12.084	17.615	27.543
1829.542	2130.002	1.448	1.099	546.585
1.000	14.685			

8/14/2016 7:15:00 PM	335700.000	12.082	17.615	27.539
1829.316	2129.698	1.448	1.099	546.652
1.000	14.687			
8/14/2016 7:30:00 PM	336600.000	12.082	17.614	27.540
1829.340	2129.784	1.448	1.099	546.645
1.000	14.686			
8/14/2016 7:45:00 PM	337500.000	12.082	17.614	27.537
1829.511	2129.978	1.448	1.099	546.594
1.000	14.686			
8/14/2016 8:00:00 PM	338400.000	12.079	17.615	27.531
1829.583	2130.041	1.448	1.099	546.573
1.000	14.689			
8/14/2016 8:15:00 PM	339300.000	12.079	17.614	27.532
1829.735	2130.244	1.449	1.100	546.527
1.000	14.688			
8/14/2016 8:30:00 PM	340200.000	12.075	17.616	27.522
1829.919	2130.371	1.449	1.100	546.472
1.000	14.694			
8/14/2016 8:45:00 PM	341100.000	12.078	17.614	27.530
1829.728	2130.240	1.449	1.100	546.529
1.000	14.690			
8/14/2016 9:00:00 PM	342000.000	12.069	17.615	27.509
1829.675	2130.154	1.449	1.100	546.545
1.000	14.700			
8/14/2016 9:15:00 PM	342900.000	12.067	17.615	27.505
1829.726	2130.204	1.449	1.100	546.530
1.000	14.696			
8/14/2016 9:30:00 PM	343800.000	12.074	17.614	27.520
1829.833	2130.350	1.449	1.100	546.498
1.000	14.698			
8/14/2016 9:45:00 PM	344700.000	12.074	17.614	27.520
1829.845	2130.373	1.449	1.100	546.494
1.000	14.698			
8/14/2016 10:00:00 PM	345600.000	12.072	17.615	27.516
1829.464	2129.875	1.448	1.099	546.608
1.000	14.699			
8/14/2016 10:15:00 PM	346500.000	12.071	17.613	27.514
1829.498	2130.010	1.448	1.099	546.598
1.000	14.698			
8/14/2016 10:30:00 PM	347400.000	12.072	17.615	27.517
1829.452	2129.881	1.448	1.099	546.612
1.000	14.700			
8/14/2016 10:45:00 PM	348300.000	12.073	17.615	27.519
1829.611	2130.046	1.448	1.099	546.564
1.000	14.700			
8/14/2016 11:00:00 PM	349200.000	12.074	17.615	27.520
1829.823	2130.322	1.449	1.100	546.501
1.000	14.701			
8/14/2016 11:15:00 PM	350100.000	12.076	17.614	27.524
1829.796	2130.307	1.449	1.100	546.509
1.000	14.700			
8/14/2016 11:30:00 PM	351000.000	12.073	17.615	27.519
1829.638	2130.081	1.448	1.099	546.556
1.000	14.700			
8/14/2016 11:45:00 PM	351900.000	12.079	17.615	27.531

1829.518	2129.934	1.448	1.099	546.592
1.000	14.698			
8/15/2016 12:00:00 AM	352800.000	12.068	17.615	27.507
1829.466	2129.902	1.448	1.099	546.608
1.000	14.705			
8/15/2016 12:15:00 AM	353700.000	12.076	17.615	27.525
1829.734	2130.218	1.449	1.100	546.528
1.000	14.703			
8/15/2016 12:30:00 AM	354600.000	12.075	17.614	27.522
1829.907	2130.437	1.449	1.100	546.476
1.000	14.704			
8/15/2016 12:45:00 AM	355500.000	12.066	17.615	27.503
1830.072	2130.578	1.449	1.100	546.427
1.000	14.712			
8/15/2016 1:00:00 AM	356400.000	12.073	17.615	27.519
1830.367	2130.922	1.449	1.100	546.339
1.000	14.706			
8/15/2016 1:15:00 AM	357300.000	12.070	17.614	27.512
1830.461	2131.084	1.449	1.100	546.311
1.000	14.709			
8/15/2016 1:30:00 AM	358200.000	12.072	17.614	27.516
1830.342	2130.968	1.449	1.100	546.346
1.000	14.707			
8/15/2016 1:45:00 AM	359100.000	12.073	17.613	27.517
1830.607	2131.296	1.449	1.100	546.267
1.000	14.707			
8/15/2016 2:00:00 AM	360000.000	12.077	17.615	27.527
1830.582	2131.188	1.449	1.100	546.274
1.000	14.704			
8/15/2016 2:15:00 AM	360900.000	12.078	17.615	27.529
1830.401	2130.999	1.449	1.100	546.328
1.000	14.702			
8/15/2016 2:30:00 AM	361800.000	12.077	17.615	27.527
1830.546	2131.162	1.449	1.100	546.285
1.000	14.703			
8/15/2016 2:45:00 AM	362700.000	12.082	17.613	27.538
1830.324	2130.972	1.449	1.100	546.351
1.000	14.698			
8/15/2016 3:00:00 AM	363600.000	12.082	17.615	27.539
1830.348	2130.941	1.449	1.100	546.344
1.000	14.698			
8/15/2016 3:15:00 AM	364500.000	12.081	17.615	27.537
1830.391	2130.991	1.449	1.100	546.331
1.000	14.698			
8/15/2016 3:30:00 AM	365400.000	12.084	17.615	27.543
1830.276	2130.832	1.449	1.100	546.366
1.000	14.695			
8/15/2016 3:45:00 AM	366300.000	12.081	17.615	27.535
1830.126	2130.646	1.449	1.100	546.410
1.000	14.699			
8/15/2016 4:00:00 AM	367200.000	12.082	17.614	27.538
1830.277	2130.879	1.449	1.100	546.365
1.000	14.697			
8/15/2016 4:15:00 AM	368100.000	12.079	17.615	27.532
1830.662	2131.270	1.449	1.100	546.250

1.000	14.699			
8/15/2016 4:30:00 AM	369000.000	12.076	17.615	27.526
1830.781	2131.437	1.449	1.100	546.215
1.000	14.701			
8/15/2016 4:45:00 AM	369900.000	12.078	17.615	27.530
1830.978	2131.642	1.450	1.100	546.156
1.000	14.700			
8/15/2016 5:00:00 AM	370800.000	12.077	17.615	27.526
1830.676	2131.286	1.449	1.100	546.246
1.000	14.702			
8/15/2016 5:15:00 AM	371700.000	12.076	17.616	27.526
1830.860	2131.483	1.449	1.100	546.191
1.000	14.704			
8/15/2016 5:30:00 AM	372600.000	12.072	17.615	27.515
1830.635	2131.267	1.449	1.100	546.258
1.000	14.707			
8/15/2016 5:45:00 AM	373500.000	12.078	17.614	27.530
1830.495	2131.133	1.449	1.100	546.300
1.000	14.700			
8/15/2016 6:00:00 AM	374400.000	12.074	17.615	27.520
1830.390	2130.986	1.449	1.100	546.332
1.000	14.705			
8/15/2016 6:15:00 AM	375300.000	12.084	17.615	27.542
1830.425	2130.993	1.449	1.100	546.321
1.000	14.696			
8/15/2016 6:30:00 AM	376200.000	12.075	17.614	27.523
1830.496	2131.122	1.449	1.100	546.300
1.000	14.705			
8/15/2016 6:45:00 AM	377100.000	12.073	17.615	27.518
1830.590	2131.227	1.449	1.100	546.272
1.000	14.708			
8/15/2016 7:00:00 AM	378000.000	12.070	17.614	27.510
1830.642	2131.296	1.449	1.100	546.256
1.000	14.712			
8/15/2016 7:15:00 AM	378900.000	12.064	17.614	27.497
1830.661	2131.339	1.449	1.100	546.251
1.000	14.713			
8/15/2016 7:30:00 AM	379800.000	12.062	17.614	27.493
1830.708	2131.397	1.449	1.100	546.237
1.000	14.717			
8/15/2016 7:45:00 AM	380700.000	12.070	17.616	27.511
1830.197	2130.711	1.449	1.100	546.389
1.000	14.715			
8/15/2016 8:00:00 AM	381600.000	12.066	17.615	27.501
1830.118	2130.644	1.449	1.100	546.413
1.000	14.720			
8/15/2016 8:15:00 AM	382500.000	12.067	17.614	27.505
1830.251	2130.837	1.449	1.100	546.373
1.000	14.719			
8/15/2016 8:30:00 AM	383400.000	12.067	17.614	27.505
1830.332	2130.955	1.449	1.100	546.349
1.000	14.719			
8/15/2016 8:45:00 AM	384300.000	12.069	17.615	27.509
1830.375	2130.963	1.449	1.100	546.336
1.000	14.719			

8/15/2016 9:00:00 AM	385200.000	12.068	17.614	27.508
1830.674	2131.358	1.449	1.100	546.247
1.000	14.722			
8/15/2016 9:15:00 AM	386100.000	12.066	17.615	27.503
1830.204	2130.774	1.449	1.100	546.387
1.000	14.724			
8/15/2016 9:30:00 AM	387000.000	12.065	17.614	27.501
1830.499	2131.146	1.449	1.100	546.299
1.000	14.726			
8/15/2016 9:45:00 AM	387900.000	12.068	17.615	27.507
1830.583	2131.190	1.449	1.100	546.274
1.000	14.725			
8/15/2016 10:00:00 AM	388800.000	12.068	17.615	27.507
1830.030	2130.530	1.449	1.100	546.439
1.000	14.726			
8/15/2016 10:15:00 AM	389700.000	12.070	17.615	27.511
1829.680	2130.138	1.448	1.100	546.544
1.000	14.726			
8/15/2016 10:30:00 AM	390600.000	12.063	17.615	27.496
1829.487	2129.906	1.448	1.099	546.601
1.000	14.732			
8/15/2016 10:45:00 AM	391500.000	12.066	17.615	27.502
1829.746	2130.220	1.449	1.100	546.524
1.000	14.731			
8/15/2016 11:00:00 AM	392400.000	12.070	17.616	27.512
1829.785	2130.240	1.449	1.100	546.512
1.000	14.728			
8/15/2016 11:15:00 AM	393300.000	12.065	17.615	27.501
1829.668	2130.145	1.448	1.100	546.547
1.000	14.734			
8/15/2016 11:30:00 AM	394200.000	12.066	17.614	27.503
1829.625	2130.108	1.448	1.099	546.560
1.000	14.731			
8/15/2016 11:45:00 AM	395100.000	12.067	17.614	27.504
1829.814	2130.327	1.449	1.100	546.504
1.000	14.729			
8/15/2016 12:00:00 PM	396000.000	12.075	17.614	27.523
1830.092	2130.689	1.449	1.100	546.421
1.000	14.726			
8/15/2016 12:15:00 PM	396900.000	12.073	17.615	27.518
1829.930	2130.422	1.449	1.100	546.469
1.000	14.727			
8/15/2016 12:30:00 PM	397800.000	12.073	17.615	27.518
1830.103	2130.630	1.449	1.100	546.417
1.000	14.722			
8/15/2016 12:45:00 PM	398700.000	12.083	17.614	27.541
1830.221	2130.810	1.449	1.100	546.382
1.000	14.717			
8/15/2016 1:00:00 PM	399600.000	12.086	17.615	27.547
1830.370	2130.958	1.449	1.100	546.338
1.000	14.714			
8/15/2016 1:15:00 PM	400500.000	12.075	17.614	27.522
1830.376	2131.007	1.449	1.100	546.336
1.000	14.723			
8/15/2016 1:30:00 PM	401400.000	12.075	17.615	27.522

1830.240	2130.811	1.449	1.100	546.376
1.000	14.720			
8/15/2016 1:45:00 PM	402300.000	12.084	17.615	27.544
1830.012	2130.546	1.449	1.100	546.444
1.000	14.714			
8/15/2016 2:00:00 PM	403200.000	12.077	17.614	27.528
1829.705	2130.201	1.449	1.100	546.536
1.000	14.721			
8/15/2016 2:15:00 PM	404100.000	12.081	17.616	27.536
1829.854	2130.320	1.449	1.100	546.492
1.000	14.716			
8/15/2016 2:30:00 PM	405000.000	12.076	17.616	27.524
1829.495	2129.886	1.448	1.099	546.599
1.000	14.721			
8/15/2016 2:45:00 PM	405900.000	12.077	17.614	27.527
1829.505	2129.968	1.448	1.099	546.596
1.000	14.720			
8/15/2016 3:00:00 PM	406800.000	12.083	17.615	27.541
1829.831	2130.335	1.449	1.100	546.499
1.000	14.714			
8/15/2016 3:15:00 PM	407700.000	12.086	17.615	27.547
1830.157	2130.681	1.449	1.100	546.401
1.000	14.709			
8/15/2016 3:30:00 PM	408600.000	12.080	17.615	27.533
1830.051	2130.571	1.449	1.100	546.433
1.000	14.716			
8/15/2016 3:45:00 PM	409500.000	12.083	17.615	27.541
1830.411	2130.994	1.449	1.100	546.326
1.000	14.707			
8/15/2016 4:00:00 PM	410400.000	12.082	17.615	27.539
1830.504	2131.110	1.449	1.100	546.298
1.000	14.710			
8/15/2016 4:15:00 PM	411300.000	12.084	17.614	27.543
1830.429	2131.044	1.449	1.100	546.320
1.000	14.709			
8/15/2016 4:30:00 PM	412200.000	12.084	17.614	27.543
1830.442	2131.067	1.449	1.100	546.316
1.000	14.707			
8/15/2016 4:45:00 PM	413100.000	12.087	17.614	27.550
1830.330	2130.940	1.449	1.100	546.350
1.000	14.703			
8/15/2016 5:00:00 PM	414000.000	12.088	17.614	27.552
1830.102	2130.675	1.449	1.100	546.418
1.000	14.702			
8/15/2016 5:15:00 PM	414900.000	12.082	17.615	27.538
1830.429	2130.994	1.449	1.100	546.320
1.000	14.706			
8/15/2016 5:30:00 PM	415800.000	12.082	17.616	27.537
1830.507	2131.072	1.449	1.100	546.297
1.000	14.706			
8/15/2016 5:45:00 PM	416700.000	12.084	17.615	27.542
1830.359	2130.950	1.449	1.100	546.341
1.000	14.702			
8/15/2016 6:00:00 PM	417600.000	12.079	17.615	27.532
1830.108	2130.641	1.449	1.100	546.416

1.000	14.706			
8/15/2016 6:15:00 PM	418500.000	12.086	17.615	27.549
1829.872	2130.374	1.449	1.100	546.486
1.000	14.699			
8/15/2016 6:30:00 PM	419400.000	12.083	17.615	27.542
1830.045	2130.563	1.449	1.100	546.435
1.000	14.701			
8/15/2016 6:45:00 PM	420300.000	12.081	17.615	27.537
1830.014	2130.510	1.449	1.100	546.444
1.000	14.702			
8/15/2016 7:00:00 PM	421200.000	12.084	17.614	27.542
1830.291	2130.903	1.449	1.100	546.361
1.000	14.700			
8/15/2016 7:15:00 PM	422100.000	12.083	17.615	27.540
1830.066	2130.613	1.449	1.100	546.428
1.000	14.700			
8/15/2016 7:30:00 PM	423000.000	12.083	17.615	27.541
1829.444	2129.864	1.448	1.099	546.614
1.000	14.698			
8/15/2016 7:45:00 PM	423900.000	12.080	17.616	27.534
1829.445	2129.832	1.448	1.099	546.614
1.000	14.701			
8/15/2016 8:00:00 PM	424800.000	12.077	17.615	27.526
1829.513	2129.936	1.448	1.099	546.593
1.000	14.704			
8/15/2016 8:15:00 PM	425700.000	12.081	17.615	27.536
1829.616	2130.069	1.448	1.099	546.563
1.000	14.703			
8/15/2016 8:30:00 PM	426600.000	12.076	17.614	27.525
1829.780	2130.300	1.449	1.100	546.514
1.000	14.704			
8/15/2016 8:45:00 PM	427500.000	12.074	17.615	27.520
1829.662	2130.118	1.448	1.099	546.549
1.000	14.703			
8/15/2016 9:00:00 PM	428400.000	12.077	17.615	27.527
1829.789	2130.265	1.449	1.100	546.511
1.000	14.705			
8/15/2016 9:15:00 PM	429300.000	12.080	17.615	27.535
1829.571	2130.008	1.448	1.099	546.576
1.000	14.701			
8/15/2016 9:30:00 PM	430200.000	12.075	17.615	27.522
1829.923	2130.426	1.449	1.100	546.471
1.000	14.708			
8/15/2016 9:45:00 PM	431100.000	12.069	17.614	27.509
1830.053	2130.610	1.449	1.100	546.432
1.000	14.713			
8/15/2016 10:00:00 PM	432000.000	12.073	17.616	27.518
1830.195	2130.714	1.449	1.100	546.390
1.000	14.709			
8/15/2016 10:15:00 PM	432900.000	12.069	17.614	27.510
1829.756	2130.264	1.449	1.100	546.521
1.000	14.713			
8/15/2016 10:30:00 PM	433800.000	12.075	17.615	27.523
1829.332	2129.750	1.448	1.099	546.648
1.000	14.709			

8/15/2016 10:45:00 PM	434700.000	12.078	17.615	27.530
1829.564	2130.029	1.448	1.099	546.578
1.000	14.705			
8/15/2016 11:00:00 PM	435600.000	12.081	17.616	27.535
1829.232	2129.560	1.448	1.099	546.677
1.000	14.702			
8/15/2016 11:15:00 PM	436500.000	12.085	17.616	27.546
1829.467	2129.858	1.448	1.099	546.607
1.000	14.700			
8/15/2016 11:30:00 PM	437400.000	12.073	17.615	27.518
1829.391	2129.786	1.448	1.099	546.630
1.000	14.706			
8/15/2016 11:45:00 PM	438300.000	12.082	17.616	27.539
1829.130	2129.466	1.448	1.099	546.708
1.000	14.701			
8/16/2016 12:00:00 AM	439200.000	12.078	17.616	27.530
1829.451	2129.831	1.448	1.099	546.612
1.000	14.705			
8/16/2016 12:15:00 AM	440100.000	12.077	17.615	27.528
1829.990	2130.516	1.449	1.100	546.451
1.000	14.705			
8/16/2016 12:30:00 AM	441000.000	12.078	17.616	27.530
1830.314	2130.847	1.449	1.100	546.354
1.000	14.705			
8/16/2016 12:45:00 AM	441900.000	12.073	17.616	27.518
1830.300	2130.831	1.449	1.100	546.358
1.000	14.704			
8/16/2016 1:00:00 AM	442800.000	12.079	17.615	27.532
1830.448	2131.044	1.449	1.100	546.315
1.000	14.703			
8/16/2016 1:15:00 AM	443700.000	12.077	17.615	27.528
1830.280	2130.837	1.449	1.100	546.364
1.000	14.699			
8/16/2016 1:30:00 AM	444600.000	12.083	17.615	27.540
1830.075	2130.599	1.449	1.100	546.426
1.000	14.699			
8/16/2016 1:45:00 AM	445500.000	12.082	17.615	27.538
1829.836	2130.328	1.449	1.100	546.497
1.000	14.699			
8/16/2016 2:00:00 AM	446400.000	12.086	17.616	27.547
1829.638	2130.069	1.448	1.099	546.556
1.000	14.695			
8/16/2016 2:15:00 AM	447300.000	12.083	17.616	27.541
1829.862	2130.322	1.449	1.100	546.489
1.000	14.695			
8/16/2016 2:30:00 AM	448200.000	12.086	17.615	27.548
1829.931	2130.444	1.449	1.100	546.469
1.000	14.693			
8/16/2016 2:45:00 AM	449100.000	12.084	17.615	27.544
1830.451	2131.036	1.449	1.100	546.313
1.000	14.693			
8/16/2016 3:00:00 AM	450000.000	12.083	17.615	27.541
1830.659	2131.299	1.449	1.100	546.251
1.000	14.694			
8/16/2016 3:15:00 AM	450900.000	12.083	17.614	27.540

1830.761	2131.431	1.449	1.100	546.221
1.000	14.694			
8/16/2016 3:30:00 AM	451800.000	12.079	17.614	27.532
1830.586	2131.226	1.449	1.100	546.273
1.000	14.692			
8/16/2016 3:45:00 AM	452700.000	12.090	17.615	27.556
1830.133	2130.666	1.449	1.100	546.409
1.000	14.687			
8/16/2016 4:00:00 AM	453600.000	12.081	17.615	27.537
1830.004	2130.511	1.449	1.100	546.447
1.000	14.693			
8/16/2016 4:15:00 AM	454500.000	12.089	17.615	27.555
1829.918	2130.411	1.449	1.100	546.473
1.000	14.685			
8/16/2016 4:30:00 AM	455400.000	12.078	17.616	27.530
1830.414	2130.969	1.449	1.100	546.324
1.000	14.694			
8/16/2016 4:45:00 AM	456300.000	12.081	17.615	27.537
1830.215	2130.757	1.449	1.100	546.384
1.000	14.689			
8/16/2016 5:00:00 AM	457200.000	12.083	17.614	27.541
1830.050	2130.620	1.449	1.100	546.433
1.000	14.688			
8/16/2016 5:15:00 AM	458100.000	12.091	17.615	27.558
1829.979	2130.516	1.449	1.100	546.454
1.000	14.680			
8/16/2016 5:30:00 AM	459000.000	12.082	17.615	27.539
1829.988	2130.489	1.449	1.100	546.452
1.000	14.688			
8/16/2016 5:45:00 AM	459900.000	12.078	17.615	27.529
1830.156	2130.692	1.449	1.100	546.402
1.000	14.693			
8/16/2016 6:00:00 AM	460800.000	12.076	17.614	27.524
1830.600	2131.251	1.449	1.100	546.269
1.000	14.694			
8/16/2016 6:15:00 AM	461700.000	12.079	17.615	27.531
1830.631	2131.266	1.449	1.100	546.260
1.000	14.692			
8/16/2016 6:30:00 AM	462600.000	12.072	17.616	27.517
1830.647	2131.244	1.449	1.100	546.255
1.000	14.697			
8/16/2016 6:45:00 AM	463500.000	12.072	17.615	27.517
1830.743	2131.380	1.449	1.100	546.226
1.000	14.697			
8/16/2016 7:00:00 AM	464400.000	12.071	17.616	27.513
1830.765	2131.360	1.449	1.100	546.220
1.000	14.700			
8/16/2016 7:15:00 AM	465300.000	12.072	17.614	27.515
1830.425	2131.039	1.449	1.100	546.321
1.000	14.701			
8/16/2016 7:30:00 AM	466200.000	12.071	17.615	27.514
1830.249	2130.792	1.449	1.100	546.374
1.000	14.702			
8/16/2016 7:45:00 AM	467100.000	12.071	17.615	27.515
1830.151	2130.682	1.449	1.100	546.403

1.000	14.703			
8/16/2016 8:00:00 AM	468000.000	12.074	17.615	27.520
1829.354	2129.750	1.448	1.099	546.641
1.000	14.701			
8/16/2016 8:15:00 AM	468900.000	12.074	17.615	27.521
1829.554	2130.009	1.448	1.099	546.581
1.000	14.703			
8/16/2016 8:30:00 AM	469800.000	12.072	17.614	27.516
1829.516	2129.989	1.448	1.099	546.593
1.000	14.704			
8/16/2016 8:45:00 AM	470700.000	12.072	17.614	27.517
1829.542	2130.031	1.448	1.099	546.585
1.000	14.704			
8/16/2016 9:00:00 AM	471600.000	12.067	17.615	27.504
1829.890	2130.395	1.449	1.100	546.481
1.000	14.705			
8/16/2016 9:15:00 AM	472500.000	12.076	17.615	27.525
1829.532	2129.971	1.448	1.099	546.588
1.000	14.702			
8/16/2016 9:30:00 AM	473400.000	12.065	17.614	27.499
1829.245	2129.666	1.448	1.099	546.674
1.000	14.713			
8/16/2016 9:45:00 AM	474300.000	12.078	17.615	27.530
1828.951	2129.286	1.448	1.099	546.761
1.000	14.699			
8/16/2016 10:00:00 AM	475200.000	12.078	17.615	27.530
1828.811	2129.152	1.448	1.099	546.803
1.000	14.698			
8/16/2016 10:15:00 AM	476100.000	12.072	17.615	27.515
1828.829	2129.135	1.448	1.099	546.798
1.000	14.702			
8/16/2016 10:30:00 AM	477000.000	12.075	17.616	27.523
1829.086	2129.422	1.448	1.099	546.721
1.000	14.703			
8/16/2016 10:45:00 AM	477900.000	12.079	17.615	27.531
1829.245	2129.648	1.448	1.099	546.674
1.000	14.701			
8/16/2016 11:00:00 AM	478800.000	12.072	17.615	27.516
1829.551	2129.976	1.448	1.099	546.582
1.000	14.706			
8/16/2016 11:15:00 AM	479700.000	12.071	17.616	27.513
1830.013	2130.494	1.449	1.100	546.444
1.000	14.709			
8/16/2016 11:30:00 AM	480600.000	12.081	17.616	27.537
1830.303	2130.818	1.449	1.100	546.358
1.000	14.697			
8/16/2016 11:45:00 AM	481500.000	12.073	17.616	27.517
1830.555	2131.120	1.449	1.100	546.282
1.000	14.703			
8/16/2016 12:00:00 PM	482400.000	12.074	17.616	27.521
1830.615	2131.195	1.449	1.100	546.264
1.000	14.707			
8/16/2016 12:15:00 PM	483300.000	12.074	17.615	27.521
1830.668	2131.318	1.449	1.100	546.249
1.000	14.705			

8/16/2016 12:30:00 PM	484200.000	12.073	17.614	27.519
1830.463	2131.084	1.449	1.100	546.310
1.000	14.708			
8/16/2016 12:45:00 PM	485100.000	12.079	17.616	27.531
1830.222	2130.715	1.449	1.100	546.382
1.000	14.701			
8/16/2016 1:00:00 PM	486000.000	12.072	17.615	27.515
1829.479	2129.908	1.448	1.099	546.604
1.000	14.709			
8/16/2016 1:15:00 PM	486900.000	12.073	17.614	27.518
1829.330	2129.768	1.448	1.099	546.648
1.000	14.708			
8/16/2016 1:30:00 PM	487800.000	12.076	17.615	27.525
1829.497	2129.926	1.448	1.099	546.598
1.000	14.704			
8/16/2016 1:45:00 PM	488700.000	12.069	17.616	27.509
1829.910	2130.385	1.449	1.100	546.475
1.000	14.708			
8/16/2016 2:00:00 PM	489600.000	12.078	17.616	27.529
1829.928	2130.406	1.449	1.100	546.470
1.000	14.703			
8/16/2016 2:15:00 PM	490500.000	12.073	17.614	27.518
1829.955	2130.518	1.449	1.100	546.461
1.000	14.708			
8/16/2016 2:30:00 PM	491400.000	12.076	17.615	27.526
1830.122	2130.649	1.449	1.100	546.412
1.000	14.699			
8/16/2016 2:45:00 PM	492300.000	12.083	17.615	27.541
1829.937	2130.425	1.449	1.100	546.467
1.000	14.697			
8/16/2016 3:00:00 PM	493200.000	12.082	17.614	27.539
1829.366	2129.827	1.448	1.099	546.637
1.000	14.696			
8/16/2016 3:15:00 PM	494100.000	12.085	17.614	27.546
1829.085	2129.479	1.448	1.099	546.721
1.000	14.693			
8/16/2016 3:30:00 PM	495000.000	12.085	17.616	27.546
1829.195	2129.541	1.448	1.099	546.689
1.000	14.693			
8/16/2016 3:45:00 PM	495900.000	12.084	17.615	27.543
1829.093	2129.464	1.448	1.099	546.719
1.000	14.693			
8/16/2016 4:00:00 PM	496800.000	12.086	17.616	27.547
1829.425	2129.821	1.448	1.099	546.620
1.000	14.690			
8/16/2016 4:15:00 PM	497700.000	12.083	17.615	27.541
1829.816	2130.305	1.449	1.100	546.503
1.000	14.691			
8/16/2016 4:30:00 PM	498600.000	12.083	17.616	27.540
1830.164	2130.656	1.449	1.100	546.399
1.000	14.690			
8/16/2016 4:45:00 PM	499500.000	12.085	17.616	27.545
1830.381	2130.926	1.449	1.100	546.334
1.000	14.687			
8/16/2016 5:00:00 PM	500400.000	12.081	17.615	27.535

1830.425	2131.006	1.449	1.100	546.321
1.000	14.691			
8/16/2016 5:15:00 PM	501300.000	12.082	17.615	27.538
1830.278	2130.839	1.449	1.100	546.365
1.000	14.689			
8/16/2016 5:30:00 PM	502200.000	12.084	17.613	27.544
1830.575	2131.259	1.449	1.100	546.276
1.000	14.685			
8/16/2016 5:45:00 PM	503100.000	12.089	17.615	27.554
1830.684	2131.316	1.449	1.100	546.244
1.000	14.681			
8/16/2016 6:00:00 PM	504000.000	12.085	17.615	27.545
1830.545	2131.150	1.449	1.100	546.286
1.000	14.684			
8/16/2016 6:15:00 PM	504900.000	12.086	17.615	27.547
1830.488	2131.066	1.449	1.100	546.302
1.000	14.680			
8/16/2016 6:30:00 PM	505800.000	12.090	17.616	27.557
1830.394	2130.949	1.449	1.100	546.330
1.000	14.677			
8/16/2016 6:45:00 PM	506700.000	12.087	17.616	27.549
1830.411	2130.957	1.449	1.100	546.325
1.000	14.679			
8/16/2016 7:00:00 PM	507600.000	12.080	17.615	27.533
1830.501	2131.106	1.449	1.100	546.299
1.000	14.679			
8/16/2016 7:15:00 PM	508500.000	12.082	17.615	27.539
1830.824	2131.462	1.449	1.100	546.202
1.000	14.681			
8/16/2016 7:30:00 PM	509400.000	12.078	17.615	27.529
1830.894	2131.577	1.449	1.100	546.181
1.000	14.685			
8/16/2016 7:45:00 PM	510300.000	12.083	17.615	27.542
1831.143	2131.837	1.450	1.100	546.107
1.000	14.682			
8/16/2016 8:00:00 PM	511200.000	12.082	17.615	27.538
1830.803	2131.438	1.449	1.100	546.208
1.000	14.682			
8/16/2016 8:15:00 PM	512100.000	12.083	17.615	27.542
1830.873	2131.531	1.449	1.100	546.188
1.000	14.679			
8/16/2016 8:30:00 PM	513000.000	12.080	17.616	27.533
1830.908	2131.535	1.449	1.100	546.177
1.000	14.685			
8/16/2016 8:45:00 PM	513900.000	12.073	17.614	27.518
1830.950	2131.667	1.450	1.100	546.165
1.000	14.690			
8/16/2016 9:00:00 PM	514800.000	12.074	17.615	27.521
1831.163	2131.870	1.450	1.100	546.101
1.000	14.690			
8/16/2016 9:15:00 PM	515700.000	12.074	17.616	27.520
1830.937	2131.556	1.449	1.100	546.168
1.000	14.691			
8/16/2016 9:30:00 PM	516600.000	12.072	17.615	27.515
1831.108	2131.814	1.450	1.100	546.117

1.000	14.695			
8/16/2016 9:45:00 PM	517500.000	12.075	17.615	27.523
1830.928	2131.592	1.449	1.100	546.171
1.000	14.690			
8/16/2016 10:00:00 PM	518400.000	12.072	17.615	27.517
1830.978	2131.663	1.450	1.100	546.156
1.000	14.695			
8/16/2016 10:15:00 PM	519300.000	12.071	17.615	27.515
1830.973	2131.644	1.450	1.100	546.158
1.000	14.696			
8/16/2016 10:30:00 PM	520200.000	12.078	17.615	27.529
1830.643	2131.260	1.449	1.100	546.256
1.000	14.689			
8/16/2016 10:45:00 PM	521100.000	12.078	17.615	27.531
1830.948	2131.640	1.450	1.100	546.165
1.000	14.689			
8/16/2016 11:00:00 PM	522000.000	12.077	17.615	27.528
1830.285	2130.851	1.449	1.100	546.363
1.000	14.686			
8/16/2016 11:15:00 PM	522900.000	12.079	17.616	27.531
1830.182	2130.693	1.449	1.100	546.394
1.000	14.688			
8/16/2016 11:30:00 PM	523800.000	12.082	17.615	27.539
1830.035	2130.564	1.449	1.100	546.438
1.000	14.685			
8/16/2016 11:45:00 PM	524700.000	12.081	17.615	27.536
1830.095	2130.609	1.449	1.100	546.420
1.000	14.686			
8/17/2016 12:00:00 AM	525600.000	12.078	17.614	27.529
1830.058	2130.615	1.449	1.100	546.431
1.000	14.687			
8/17/2016 12:15:00 AM	526500.000	12.077	17.615	27.528
1830.167	2130.710	1.449	1.100	546.398
1.000	14.688			
8/17/2016 12:30:00 AM	527400.000	12.078	17.616	27.530
1830.277	2130.775	1.449	1.100	546.365
1.000	14.686			
8/17/2016 12:45:00 AM	528300.000	12.077	17.615	27.526
1830.219	2130.766	1.449	1.100	546.383
1.000	14.687			
8/17/2016 1:00:00 AM	529200.000	12.081	17.614	27.535
1830.268	2130.857	1.449	1.100	546.368
1.000	14.685			
8/17/2016 1:15:00 AM	530100.000	12.079	17.615	27.531
1830.275	2130.818	1.449	1.100	546.366
1.000	14.685			
8/17/2016 1:30:00 AM	531000.000	12.076	17.615	27.525
1830.358	2130.920	1.449	1.100	546.341
1.000	14.683			
8/17/2016 1:45:00 AM	531900.000	12.085	17.615	27.546
1830.754	2131.397	1.449	1.100	546.223
1.000	14.678			
8/17/2016 2:00:00 AM	532800.000	12.084	17.616	27.543
1830.395	2130.941	1.449	1.100	546.330
1.000	14.678			

8/17/2016 2:15:00 AM	533700.000	12.090	17.616	27.557
1830.548	2131.120	1.449	1.100	546.284
1.000	14.671			
8/17/2016 2:30:00 AM	534600.000	12.079	17.615	27.532
1830.941	2131.632	1.450	1.100	546.167
1.000	14.678			
8/17/2016 2:45:00 AM	535500.000	12.090	17.615	27.557
1830.825	2131.476	1.449	1.100	546.202
1.000	14.669			
8/17/2016 3:00:00 AM	536400.000	12.079	17.615	27.532
1830.485	2131.080	1.449	1.100	546.303
1.000	14.675			
8/17/2016 3:15:00 AM	537300.000	12.083	17.615	27.541
1830.528	2131.142	1.449	1.100	546.290
1.000	14.670			
8/17/2016 3:30:00 AM	538200.000	12.084	17.615	27.544
1830.716	2131.345	1.449	1.100	546.234
1.000	14.671			
8/17/2016 3:45:00 AM	539100.000	12.085	17.615	27.547
1830.403	2130.989	1.449	1.100	546.328
1.000	14.669			
8/17/2016 4:00:00 AM	540000.000	12.090	17.615	27.556
1830.241	2130.787	1.449	1.100	546.376
1.000	14.664			
8/17/2016 4:15:00 AM	540900.000	12.084	17.615	27.544
1830.301	2130.887	1.449	1.100	546.358
1.000	14.670			
8/17/2016 4:30:00 AM	541800.000	12.081	17.615	27.536
1830.209	2130.747	1.449	1.100	546.386
1.000	14.672			
8/17/2016 4:45:00 AM	542700.000	12.089	17.614	27.555
1830.092	2130.656	1.449	1.100	546.420
1.000	14.663			
8/17/2016 5:00:00 AM	543600.000	12.080	17.614	27.534
1830.173	2130.763	1.449	1.100	546.396
1.000	14.668			
8/17/2016 5:15:00 AM	544500.000	12.086	17.615	27.547
1830.017	2130.543	1.449	1.100	546.443
1.000	14.664			
8/17/2016 5:30:00 AM	545400.000	12.082	17.615	27.539
1830.074	2130.617	1.449	1.100	546.426
1.000	14.669			
8/17/2016 5:45:00 AM	546300.000	12.085	17.616	27.544
1830.075	2130.550	1.449	1.100	546.426
1.000	14.664			
8/17/2016 6:00:00 AM	547200.000	12.087	17.616	27.549
1830.122	2130.620	1.449	1.100	546.412
1.000	14.663			
8/17/2016 6:15:00 AM	548100.000	12.082	17.616	27.538
1830.068	2130.570	1.449	1.100	546.428
1.000	14.668			
8/17/2016 6:30:00 AM	549000.000	12.077	17.615	27.527
1830.149	2130.672	1.449	1.100	546.404
1.000	14.671			
8/17/2016 6:45:00 AM	549900.000	12.077	17.614	27.527

1829.840	2130.359	1.449	1.100	546.496
1.000	14.672			
8/17/2016 7:00:00 AM	550800.000	12.074	17.615	27.521
1829.746	2130.211	1.449	1.100	546.524
1.000	14.675			
8/17/2016 7:15:00 AM	551700.000	12.075	17.615	27.524
1829.943	2130.465	1.449	1.100	546.465
1.000	14.674			
8/17/2016 7:30:00 AM	552600.000	12.067	17.615	27.505
1829.792	2130.299	1.449	1.100	546.510
1.000	14.683			
8/17/2016 7:45:00 AM	553500.000	12.071	17.615	27.514
1829.597	2130.046	1.448	1.099	546.568
1.000	14.681			
8/17/2016 8:00:00 AM	554400.000	12.071	17.615	27.512
1829.613	2130.061	1.448	1.099	546.564
1.000	14.681			
8/17/2016 8:15:00 AM	555300.000	12.068	17.615	27.506
1829.552	2130.001	1.448	1.099	546.582
1.000	14.686			
8/17/2016 8:30:00 AM	556200.000	12.068	17.617	27.507
1829.449	2129.803	1.448	1.099	546.613
1.000	14.686			
8/17/2016 8:45:00 AM	557100.000	12.071	17.615	27.514
1829.153	2129.554	1.448	1.099	546.701
1.000	14.684			
8/17/2016 9:00:00 AM	558000.000	12.071	17.615	27.513
1829.341	2129.748	1.448	1.099	546.645
1.000	14.686			
8/17/2016 9:15:00 AM	558900.000	12.076	17.614	27.524
1829.565	2130.046	1.448	1.099	546.578
1.000	14.681			
8/17/2016 9:30:00 AM	559800.000	12.074	17.614	27.521
1829.756	2130.263	1.449	1.100	546.521
1.000	14.684			
8/17/2016 9:45:00 AM	560700.000	12.071	17.615	27.514
1830.029	2130.540	1.449	1.100	546.440
1.000	14.686			
8/17/2016 10:00:00 AM	561600.000	12.075	17.616	27.522
1830.194	2130.704	1.449	1.100	546.390
1.000	14.684			
8/17/2016 10:15:00 AM	562500.000	12.073	17.616	27.519
1830.217	2130.735	1.449	1.100	546.383
1.000	14.684			
8/17/2016 10:30:00 AM	563400.000	12.071	17.617	27.515
1830.426	2130.933	1.449	1.100	546.321
1.000	14.687			
8/17/2016 10:45:00 AM	564300.000	12.075	17.616	27.522
1830.579	2131.156	1.449	1.100	546.275
1.000	14.684			
8/17/2016 11:00:00 AM	565200.000	12.072	17.616	27.516
1830.375	2130.915	1.449	1.100	546.336
1.000	14.685			
8/17/2016 11:15:00 AM	566100.000	12.077	17.615	27.526
1830.904	2131.547	1.449	1.100	546.178

1.000	14.682			
8/17/2016 11:30:00 AM	567000.000	12.076	17.616	27.526
1830.806	2131.412	1.449	1.100	546.207
1.000	14.683			
8/17/2016 11:45:00 AM	567900.000	12.080	17.615	27.533
1831.186	2131.905	1.450	1.100	546.094
1.000	14.680			
8/17/2016 12:00:00 PM	568800.000	12.082	17.616	27.539
1830.974	2131.587	1.449	1.100	546.158
1.000	14.677			
8/17/2016 12:15:00 PM	569700.000	12.080	17.615	27.533
1830.499	2131.080	1.449	1.100	546.299
1.000	14.679			
8/17/2016 12:30:00 PM	570600.000	12.066	17.615	27.502
1830.578	2131.189	1.449	1.100	546.275
1.000	14.693			
8/17/2016 12:45:00 PM	571500.000	12.076	17.616	27.525
1830.788	2131.407	1.449	1.100	546.213
1.000	14.683			
8/17/2016 1:00:00 PM	572400.000	12.082	17.616	27.538
1830.792	2131.413	1.449	1.100	546.212
1.000	14.676			
8/17/2016 1:15:00 PM	573300.000	12.079	17.615	27.532
1830.859	2131.524	1.449	1.100	546.192
1.000	14.679			
8/17/2016 1:30:00 PM	574200.000	12.088	17.615	27.553
1830.811	2131.464	1.449	1.100	546.206
1.000	14.669			
8/17/2016 1:45:00 PM	575100.000	12.083	17.615	27.541
1830.479	2131.090	1.449	1.100	546.305
1.000	14.673			
8/17/2016 2:00:00 PM	576000.000	12.088	17.614	27.552
1830.087	2130.674	1.449	1.100	546.422
1.000	14.668			
8/17/2016 2:15:00 PM	576900.000	12.081	17.615	27.536
1830.346	2130.910	1.449	1.100	546.345
1.000	14.675			
8/17/2016 2:30:00 PM	577800.000	12.073	17.614	27.518
1830.176	2130.750	1.449	1.100	546.396
1.000	14.680			
8/17/2016 2:45:00 PM	578700.000	12.075	17.615	27.523
1829.648	2130.106	1.448	1.099	546.553
1.000	14.674			
8/17/2016 3:00:00 PM	579600.000	12.082	17.616	27.538
1829.751	2130.197	1.449	1.100	546.522
1.000	14.671			
8/17/2016 3:15:00 PM	580500.000	12.077	17.616	27.528
1829.988	2130.468	1.449	1.100	546.452
1.000	14.671			
8/17/2016 3:30:00 PM	581400.000	12.085	17.615	27.545
1829.678	2130.123	1.448	1.099	546.544
1.000	14.668			
8/17/2016 3:45:00 PM	582300.000	12.082	17.615	27.539
1829.823	2130.330	1.449	1.100	546.501
1.000	14.669			

8/17/2016 4:00:00 PM	583200.000	12.083	17.616	27.540
1830.352	2130.875	1.449	1.100	546.343
1.000	14.668			
8/17/2016 4:15:00 PM	584100.000	12.090	17.616	27.556
1830.034	2130.530	1.449	1.100	546.438
1.000	14.659			
8/17/2016 4:30:00 PM	585000.000	12.085	17.616	27.544
1829.696	2130.120	1.448	1.099	546.539
1.000	14.662			
8/17/2016 4:45:00 PM	585900.000	12.086	17.616	27.547
1829.458	2129.839	1.448	1.099	546.610
1.000	14.660			
8/17/2016 5:00:00 PM	586800.000	12.085	17.615	27.545
1829.392	2129.820	1.448	1.099	546.630
1.000	14.661			
8/17/2016 5:15:00 PM	587700.000	12.088	17.614	27.552
1828.948	2129.340	1.448	1.099	546.762
1.000	14.657			
8/17/2016 5:30:00 PM	588600.000	12.084	17.614	27.544
1829.213	2129.641	1.448	1.099	546.683
1.000	14.660			
8/17/2016 5:45:00 PM	589500.000	12.081	17.614	27.537
1829.442	2129.928	1.448	1.099	546.615
1.000	14.661			
8/17/2016 6:00:00 PM	590400.000	12.086	17.615	27.547
1828.872	2129.202	1.448	1.099	546.785
1.000	14.657			
8/17/2016 6:15:00 PM	591300.000	12.089	17.615	27.554
1829.583	2130.009	1.448	1.099	546.573
1.000	14.653			
8/17/2016 6:30:00 PM	592200.000	12.084	17.616	27.544
1829.511	2129.896	1.448	1.099	546.594
1.000	14.655			
8/17/2016 6:45:00 PM	593100.000	12.076	17.614	27.525
1829.681	2130.185	1.449	1.100	546.543
1.000	14.660			
8/17/2016 7:00:00 PM	594000.000	12.084	17.616	27.543
1829.945	2130.423	1.449	1.100	546.464
1.000	14.656			
8/17/2016 7:15:00 PM	594900.000	12.086	17.616	27.549
1830.105	2130.604	1.449	1.100	546.417
1.000	14.651			
8/17/2016 7:30:00 PM	595800.000	12.083	17.615	27.540
1830.238	2130.793	1.449	1.100	546.377
1.000	14.654			
8/17/2016 7:45:00 PM	596700.000	12.082	17.615	27.540
1830.301	2130.853	1.449	1.100	546.358
1.000	14.654			
8/17/2016 8:00:00 PM	597600.000	12.079	17.615	27.533
1830.215	2130.777	1.449	1.100	546.384
1.000	14.657			
8/17/2016 8:15:00 PM	598500.000	12.078	17.616	27.529
1830.947	2131.564	1.449	1.100	546.165
1.000	14.659			
8/17/2016 8:30:00 PM	599400.000	12.072	17.615	27.516

1831.092	2131.783	1.450	1.100	546.122
1.000	14.664			
8/17/2016 8:45:00 PM	600300.000	12.071	17.615	27.512
1831.065	2131.738	1.450	1.100	546.130
1.000	14.666			
8/17/2016 9:00:00 PM	601200.000	12.071	17.615	27.513
1830.530	2131.128	1.449	1.100	546.290
1.000	14.667			
8/17/2016 9:15:00 PM	602100.000	12.074	17.615	27.519
1830.697	2131.310	1.449	1.100	546.240
1.000	14.663			
8/17/2016 9:30:00 PM	603000.000	12.072	17.615	27.515
1830.639	2131.238	1.449	1.100	546.258
1.000	14.667			
8/17/2016 9:45:00 PM	603900.000	12.071	17.615	27.514
1830.483	2131.098	1.449	1.100	546.304
1.000	14.668			
8/17/2016 10:00:00 PM	604800.000	12.071	17.616	27.514
1830.656	2131.242	1.449	1.100	546.252
1.000	14.668			
8/17/2016 10:15:00 PM	605700.000	12.081	17.615	27.537
1830.422	2131.011	1.449	1.100	546.322
1.000	14.659			
8/17/2016 10:30:00 PM	606600.000	12.079	17.614	27.531
1830.162	2130.733	1.449	1.100	546.400
1.000	14.662			
8/17/2016 10:45:00 PM	607500.000	12.070	17.615	27.511
1830.136	2130.686	1.449	1.100	546.407
1.000	14.669			
8/17/2016 11:00:00 PM	608400.000	12.074	17.615	27.520
1829.865	2130.362	1.449	1.100	546.489
1.000	14.665			
8/17/2016 11:15:00 PM	609300.000	12.073	17.616	27.517
1829.634	2130.039	1.448	1.099	546.557
1.000	14.666			
8/17/2016 11:30:00 PM	610200.000	12.076	17.616	27.526
1829.857	2130.324	1.449	1.100	546.491
1.000	14.663			
8/17/2016 11:45:00 PM	611100.000	12.072	17.616	27.517
1830.096	2130.590	1.449	1.100	546.419
1.000	14.668			

Report Date: 8/19/2016 12:30:52 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-8D LT Test_2016-08-18_15-40-47-276-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:12:50 AM	Used Battery: 0% Used Memory: 6% User Name: KMakar
1/21/2016 8:56:16 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 9:16:30 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:13:13 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 9:15:00 AM Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 10:01:09 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 11:20:41 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:30:00 AM
2/25/2016 10:47:51 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:49:53 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:36:57 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:30:02 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:15:00 PM
3/24/2016 8:57:31 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:08:14 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:35:01 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM
4/14/2016 3:11:46 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:15:00 PM
4/21/2016 1:17:44 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 3:30:00 PM
4/28/2016 8:16:35 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:23:19 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:11:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 10:00:00 AM
5/19/2016 1:55:18 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:45:00 PM
5/26/2016 9:03:15 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:33:27 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:15:00 PM
6/9/2016 9:31:51 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:10:03 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:00:00 AM
6/23/2016 10:06:21 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:45:00 AM
7/1/2016 11:40:47 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 12:15:00 PM
7/8/2016 11:51:05 AM	Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:06:44 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start

Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
 7/21/2016 10:28:35 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 6/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
 7/21/2016 11:41:45 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM
 7/21/2016 11:47:48 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:30:00 PM
 7/28/2016 6:14:41 PM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 7:00:00 PM
 8/4/2016 2:52:58 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: SKuiper Interval - Start
 Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:30:00 PM
 8/11/2016 10:46:08 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval - Start
 Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
 8/18/2016 3:40:06 PM Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start
 Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM
 8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl"

Log Data:

Record Count: 743

Sensors: 2

1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight 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#: 437552	SN#: 437552	SN#: 437552	SN#: 437552
SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552
SN#: 000000			

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
8/11/2016 12:00:00 AM	7200.000	126.826	20.338	289.076
16140.592	17718.219	10.577	12048.390	61.956
1.006	14.708			
8/11/2016 12:15:00 AM	8100.000	126.810	20.345	289.039
16147.352	17722.947	10.580	12051.605	61.930
1.006	14.716			
8/11/2016 12:30:00 AM	9000.000	126.813	20.339	289.045
16141.747	17719.066	10.577	12048.966	61.951
1.006	14.713			
8/11/2016 12:45:00 AM	9900.000	126.807	20.341	289.031
16140.306	17716.801	10.576	12047.425	61.957
1.006	14.715			
8/11/2016 1:00:00 AM	10800.000	126.772	20.340	288.952
16137.545	17714.227	10.574	12045.675	61.967
1.006	14.718			
8/11/2016 1:15:00 AM	11700.000	126.796	20.344	289.006

16140.657	17716.184	10.576	12047.006	61.955
1.006	14.711			
8/11/2016 1:30:00 AM	12600.000	126.782	20.340	288.976
16139.421	17716.189	10.576	12047.010	61.960
1.006	14.715			
8/11/2016 1:45:00 AM	13500.000	126.786	20.343	288.984
16140.116	17715.881	10.575	12046.800	61.957
1.006	14.713			
8/11/2016 2:00:00 AM	14400.000	126.773	20.345	288.956
16141.302	17716.438	10.576	12047.179	61.953
1.006	14.715			
8/11/2016 2:15:00 AM	15300.000	126.769	20.333	288.945
16137.854	17717.256	10.576	12047.735	61.966
1.006	14.714			
8/11/2016 2:30:00 AM	16200.000	126.774	20.332	288.956
16139.381	17719.318	10.577	12049.137	61.960
1.006	14.717			
8/11/2016 2:45:00 AM	17100.000	126.773	20.334	288.954
16137.823	17716.768	10.576	12047.403	61.966
1.006	14.716			
8/11/2016 3:00:00 AM	18000.000	126.757	20.343	288.918
16144.641	17720.783	10.579	12050.134	61.940
1.006	14.718			
8/11/2016 3:15:00 AM	18900.000	126.759	20.345	288.923
16142.447	17717.795	10.577	12048.102	61.948
1.006	14.715			
8/11/2016 3:30:00 AM	19800.000	126.772	20.347	288.952
16141.158	17715.762	10.575	12046.719	61.953
1.006	14.714			
8/11/2016 3:45:00 AM	20700.000	126.766	20.348	288.938
16142.727	17716.867	10.576	12047.470	61.947
1.006	14.714			
8/11/2016 4:00:00 AM	21600.000	126.775	20.345	288.958
16147.351	17723.141	10.580	12051.736	61.930
1.006	14.713			
8/11/2016 4:15:00 AM	22500.000	126.774	20.341	288.957
16149.110	17726.664	10.582	12054.133	61.923
1.006	14.715			
8/11/2016 4:30:00 AM	23400.000	126.770	20.349	288.948
16149.806	17724.215	10.581	12052.467	61.920
1.006	14.710			
8/11/2016 4:45:00 AM	24300.000	126.769	20.345	288.947
16153.159	17729.518	10.584	12056.073	61.907
1.006	14.709			
8/11/2016 5:00:00 AM	25200.000	126.769	20.341	288.945
16153.696	17731.635	10.586	12057.513	61.905
1.006	14.713			
8/11/2016 5:15:00 AM	26100.000	126.777	20.344	288.964
16149.960	17726.494	10.582	12054.017	61.920
1.006	14.721			
8/11/2016 5:30:00 AM	27000.000	126.785	20.344	288.982
16159.114	17736.572	10.589	12060.870	61.885
1.006	14.713			
8/11/2016 5:45:00 AM	27900.000	126.793	20.342	289.001
16159.592	17737.646	10.589	12061.600	61.883
1.006	14.713			
8/11/2016 6:00:00 AM	28800.000	126.782	20.340	288.976

16162.720	17742.023	10.592	12064.577	61.871
1.006	14.718			
8/11/2016 6:15:00 AM	29700.000	126.785	20.338	288.982
16163.572	17743.578	10.593	12065.634	61.868
1.006	14.723			
8/11/2016 6:30:00 AM	30600.000	126.805	20.342	289.028
16168.820	17747.811	10.596	12068.512	61.847
1.006	14.718			
8/11/2016 6:45:00 AM	31500.000	126.796	20.344	289.008
16168.562	17746.682	10.595	12067.743	61.848
1.006	14.728			
8/11/2016 7:00:00 AM	32400.000	126.798	20.345	289.011
16172.690	17750.826	10.598	12070.563	61.833
1.006	14.732			
8/11/2016 7:15:00 AM	33300.000	126.801	20.349	289.020
16183.656	17761.496	10.605	12077.818	61.791
1.006	14.733			
8/11/2016 7:30:00 AM	34200.000	126.805	20.341	289.028
16178.779	17759.100	10.603	12076.188	61.809
1.006	14.734			
8/11/2016 7:45:00 AM	35100.000	126.805	20.342	289.027
16184.823	17765.539	10.608	12080.567	61.786
1.006	14.740			
8/11/2016 8:00:00 AM	36000.000	126.804	20.336	289.025
16176.973	17758.938	10.603	12076.077	61.816
1.006	14.745			
8/11/2016 8:15:00 AM	36900.000	126.812	20.344	289.043
16187.229	17767.332	10.609	12081.787	61.777
1.006	14.744			
8/11/2016 8:30:00 AM	37800.000	126.812	20.347	289.044
16185.866	17764.602	10.607	12079.930	61.782
1.006	14.748			
8/11/2016 8:45:00 AM	38700.000	126.810	20.343	289.040
16186.567	17767.092	10.609	12081.623	61.780
1.006	14.746			
8/11/2016 9:00:00 AM	39600.000	126.812	20.343	289.043
16186.297	17766.635	10.608	12081.313	61.781
1.006	14.748			
8/11/2016 9:15:00 AM	40500.000	126.820	20.341	289.061
16190.775	17772.238	10.612	12085.123	61.764
1.006	14.750			
8/11/2016 9:30:00 AM	41400.000	126.818	20.336	289.057
16188.336	17771.311	10.611	12084.492	61.773
1.006	14.753			
8/11/2016 9:45:00 AM	42300.000	126.816	20.342	289.052
16184.186	17764.770	10.607	12080.044	61.789
1.006	14.754			
8/11/2016 10:00:00 AM	43200.000	126.804	20.336	289.025
16190.090	17773.338	10.613	12085.871	61.766
1.006	14.758			
8/11/2016 10:15:00 AM	44100.000	126.812	20.339	289.045
16190.754	17772.861	10.612	12085.547	61.764
1.006	14.756			
8/11/2016 10:30:00 AM	45000.000	126.809	20.338	289.036
16191.433	17774.061	10.613	12086.362	61.761
1.006	14.759			
8/11/2016 10:45:00 AM	45900.000	126.803	20.342	289.024

16191.988	17773.176	10.613	12085.760	61.759
1.006	14.760			
8/11/2016 11:00:00 AM	46800.000	126.802	20.342	289.020
16192.768	17774.031	10.613	12086.343	61.756
1.006	14.762			
8/11/2016 11:15:00 AM	47700.000	126.803	20.343	289.024
16191.507	17772.193	10.612	12085.093	61.761
1.006	14.756			
8/11/2016 11:30:00 AM	48600.000	126.794	20.342	289.002
16191.224	17772.564	10.612	12085.345	61.762
1.006	14.756			
8/11/2016 11:45:00 AM	49500.000	126.784	20.343	288.980
16194.613	17775.799	10.614	12087.544	61.749
1.006	14.762			
8/11/2016 12:00:00 PM	50400.000	126.792	20.347	288.999
16195.162	17774.838	10.614	12086.891	61.747
1.006	14.760			
8/11/2016 12:15:00 PM	51300.000	126.789	20.341	288.991
16195.580	17777.439	10.615	12088.659	61.745
1.006	14.760			
8/11/2016 12:30:00 PM	52200.000	126.775	20.345	288.959
16196.246	17776.875	10.615	12088.276	61.743
1.006	14.757			
8/11/2016 12:45:00 PM	53100.000	126.784	20.341	288.981
16191.513	17773.047	10.612	12085.673	61.761
1.006	14.759			
8/11/2016 1:00:00 PM	54000.000	126.783	20.337	288.977
16193.882	17777.043	10.615	12088.391	61.752
1.006	14.758			
8/11/2016 1:15:00 PM	54900.000	126.786	20.344	288.985
16194.564	17775.191	10.614	12087.131	61.749
1.006	14.750			
8/11/2016 1:30:00 PM	55800.000	126.772	20.343	288.952
16193.595	17774.451	10.613	12086.628	61.753
1.006	14.759			
8/11/2016 1:45:00 PM	56700.000	126.779	20.340	288.970
16194.424	17776.533	10.615	12088.043	61.750
1.006	14.752			
8/11/2016 2:00:00 PM	57600.000	126.778	20.339	288.966
16190.430	17772.637	10.612	12085.394	61.765
1.006	14.760			
8/11/2016 2:15:00 PM	58500.000	126.781	20.343	288.973
16197.263	17778.510	10.616	12089.387	61.739
1.006	14.758			
8/11/2016 2:30:00 PM	59400.000	126.775	20.335	288.960
16187.024	17770.297	10.611	12083.802	61.778
1.006	14.755			
8/11/2016 2:45:00 PM	60300.000	126.775	20.337	288.960
16192.047	17775.129	10.614	12087.089	61.759
1.006	14.764			
8/11/2016 3:00:00 PM	61200.000	126.790	20.346	288.993
16193.077	17773.072	10.612	12085.690	61.755
1.006	14.755			
8/11/2016 3:15:00 PM	62100.000	126.795	20.337	289.006
16189.054	17771.967	10.612	12084.938	61.770
1.006	14.753			
8/11/2016 3:30:00 PM	63000.000	126.783	20.340	288.977

16193.355	17775.652	10.614	12087.444	61.754
1.006	14.754			
8/11/2016 3:45:00 PM	63900.000	126.796	20.346	289.007
16196.944	17777.021	10.615	12088.376	61.740
1.006	14.751			
8/11/2016 4:00:00 PM	64800.000	126.806	20.340	289.031
16191.744	17773.756	10.613	12086.155	61.760
1.006	14.747			
8/11/2016 4:15:00 PM	65700.000	126.806	20.341	289.029
16196.782	17778.697	10.616	12089.516	61.741
1.006	14.754			
8/11/2016 4:30:00 PM	66600.000	126.778	20.336	288.965
16197.768	17781.701	10.618	12091.558	61.737
1.006	14.746			
8/11/2016 4:45:00 PM	67500.000	126.799	20.340	289.014
16197.967	17780.586	10.617	12090.800	61.736
1.006	14.747			
8/11/2016 5:00:00 PM	68400.000	126.826	20.340	289.075
16197.532	17779.879	10.617	12090.317	61.738
1.006	14.747			
8/11/2016 5:15:00 PM	69300.000	126.834	20.338	289.095
16196.710	17779.920	10.617	12090.347	61.741
1.006	14.741			
8/11/2016 5:30:00 PM	70200.000	126.830	20.353	289.084
16200.952	17778.949	10.616	12089.687	61.725
1.006	14.746			
8/11/2016 5:45:00 PM	71100.000	126.843	20.342	289.115
16197.634	17779.373	10.617	12089.975	61.737
1.006	14.742			
8/11/2016 6:00:00 PM	72000.000	126.844	20.348	289.116
16201.741	17781.604	10.618	12091.491	61.722
1.006	14.741			
8/11/2016 6:15:00 PM	72900.000	126.856	20.342	289.144
16194.565	17776.197	10.614	12087.815	61.749
1.006	14.744			
8/11/2016 6:30:00 PM	73800.000	126.869	20.337	289.173
16192.452	17775.574	10.614	12087.391	61.757
1.006	14.741			
8/11/2016 6:45:00 PM	74700.000	126.873	20.345	289.182
16189.097	17768.834	10.610	12082.809	61.770
1.006	14.735			
8/11/2016 7:00:00 PM	75600.000	126.868	20.340	289.172
16194.569	17776.822	10.615	12088.239	61.749
1.006	14.739			
8/11/2016 7:15:00 PM	76500.000	126.877	20.347	289.192
16197.009	17776.863	10.615	12088.269	61.740
1.006	14.739			
8/11/2016 7:30:00 PM	77400.000	126.879	20.346	289.197
16201.402	17782.045	10.618	12091.791	61.723
1.006	14.741			
8/11/2016 7:45:00 PM	78300.000	126.897	20.349	289.238
16190.970	17769.490	10.610	12083.255	61.763
1.006	14.738			
8/11/2016 8:00:00 PM	79200.000	126.897	20.338	289.238
16193.675	17776.393	10.615	12087.948	61.753
1.006	14.739			
8/11/2016 8:15:00 PM	80100.000	126.902	20.345	289.248

16191.862	17771.836	10.612	12084.850	61.759
1.006	14.746			
8/11/2016 8:30:00 PM	81000.000	126.909	20.338	289.264
16189.867	17772.473	10.612	12085.281	61.767
1.006	14.744			
8/11/2016 8:45:00 PM	81900.000	126.905	20.341	289.256
16192.727	17774.441	10.613	12086.620	61.756
1.006	14.739			
8/11/2016 9:00:00 PM	82800.000	126.916	20.341	289.280
16186.331	17767.488	10.609	12081.893	61.781
1.006	14.739			
8/11/2016 9:15:00 PM	83700.000	126.908	20.343	289.262
16189.446	17770.221	10.611	12083.751	61.769
1.006	14.743			
8/11/2016 9:30:00 PM	84600.000	126.911	20.342	289.270
16185.134	17765.779	10.608	12080.731	61.785
1.006	14.749			
8/11/2016 9:45:00 PM	85500.000	126.902	20.338	289.249
16183.241	17765.170	10.607	12080.315	61.792
1.006	14.748			
8/11/2016 10:00:00 PM	86400.000	126.917	20.340	289.283
16177.214	17757.738	10.602	12075.262	61.815
1.006	14.747			
8/11/2016 10:15:00 PM	87300.000	126.905	20.341	289.256
16181.424	17762.033	10.605	12078.184	61.799
1.006	14.748			
8/11/2016 10:30:00 PM	88200.000	126.905	20.342	289.256
16174.665	17754.160	10.600	12072.829	61.825
1.006	14.745			
8/11/2016 10:45:00 PM	89100.000	126.887	20.337	289.215
16173.386	17754.607	10.600	12073.134	61.830
1.006	14.748			
8/11/2016 11:00:00 PM	90000.000	126.887	20.336	289.215
16173.843	17755.633	10.601	12073.831	61.828
1.006	14.743			
8/11/2016 11:15:00 PM	90900.000	126.877	20.339	289.193
16169.413	17749.533	10.597	12069.683	61.845
1.006	14.747			
8/11/2016 11:30:00 PM	91800.000	126.879	20.337	289.197
16168.777	17749.584	10.597	12069.718	61.848
1.006	14.748			
8/11/2016 11:45:00 PM	92700.000	126.866	20.340	289.167
16165.571	17745.152	10.594	12066.705	61.860
1.006	14.747			
8/12/2016 12:00:00 AM	93600.000	126.869	20.337	289.173
16165.606	17746.004	10.595	12067.283	61.860
1.006	14.748			
8/12/2016 12:15:00 AM	94500.000	126.860	20.340	289.154
16162.355	17741.623	10.592	12064.305	61.872
1.006	14.748			
8/12/2016 12:30:00 AM	95400.000	126.846	20.340	289.121
16162.935	17742.193	10.592	12064.691	61.870
1.006	14.749			
8/12/2016 12:45:00 AM	96300.000	126.833	20.347	289.090
16165.041	17741.613	10.592	12064.298	61.862
1.006	14.750			
8/12/2016 1:00:00 AM	97200.000	126.828	20.344	289.081

16159.223	17736.625	10.589	12060.905	61.884
1.006	14.746			
8/12/2016 1:15:00 AM	98100.000	126.832	20.337	289.090
16159.735	17739.525	10.591	12062.878	61.882
1.006	14.744			
8/12/2016 1:30:00 AM	99000.000	126.825	20.342	289.074
16154.133	17731.752	10.586	12057.593	61.904
1.006	14.746			
8/12/2016 1:45:00 AM	99900.000	126.808	20.342	289.034
16157.342	17735.211	10.588	12059.944	61.891
1.006	14.749			
8/12/2016 2:00:00 AM	100800.000	126.807	20.343	289.031
16154.246	17731.490	10.585	12057.414	61.903
1.006	14.743			
8/12/2016 2:15:00 AM	101700.000	126.814	20.338	289.047
16155.851	17734.871	10.588	12059.713	61.897
1.006	14.744			
8/12/2016 2:30:00 AM	102600.000	126.800	20.340	289.015
16158.919	17737.494	10.589	12061.497	61.885
1.006	14.746			
8/12/2016 2:45:00 AM	103500.000	126.789	20.343	288.992
16158.727	17736.309	10.589	12060.690	61.886
1.006	14.742			
8/12/2016 3:00:00 AM	104400.000	126.809	20.346	289.037
16155.616	17731.887	10.586	12057.683	61.898
1.006	14.736			
8/12/2016 3:15:00 AM	105300.000	126.805	20.349	289.027
16156.249	17731.221	10.585	12057.230	61.896
1.006	14.736			
8/12/2016 3:30:00 AM	106200.000	126.787	20.346	288.986
16154.740	17730.699	10.585	12056.876	61.901
1.006	14.744			
8/12/2016 3:45:00 AM	107100.000	126.796	20.340	289.007
16151.016	17729.078	10.584	12055.773	61.916
1.006	14.739			
8/12/2016 4:00:00 AM	108000.000	126.783	20.342	288.977
16155.498	17733.188	10.587	12058.568	61.898
1.006	14.743			
8/12/2016 4:15:00 AM	108900.000	126.792	20.343	288.999
16151.554	17728.627	10.584	12055.468	61.914
1.006	14.736			
8/12/2016 4:30:00 AM	109800.000	126.784	20.340	288.981
16150.681	17728.449	10.583	12055.347	61.917
1.006	14.742			
8/12/2016 4:45:00 AM	110700.000	126.797	20.341	289.010
16148.297	17725.537	10.582	12053.365	61.926
1.006	14.737			
8/12/2016 5:00:00 AM	111600.000	126.798	20.349	289.012
16154.071	17728.832	10.584	12055.605	61.904
1.006	14.742			
8/12/2016 5:15:00 AM	112500.000	126.807	20.347	289.031
16153.637	17729.133	10.584	12055.811	61.906
1.006	14.744			
8/12/2016 5:30:00 AM	113400.000	126.799	20.348	289.015
16150.014	17724.896	10.581	12052.930	61.919
1.006	14.746			
8/12/2016 5:45:00 AM	114300.000	126.800	20.354	289.016

16154.524	17727.578	10.583	12054.753	61.902
1.006	14.748			
8/12/2016 6:00:00 AM	115200.000	126.796	20.350	289.006
16153.242	17727.629	10.583	12054.789	61.907
1.006	14.751			
8/12/2016 6:15:00 AM	116100.000	126.817	20.352	289.054
16158.977	17733.111	10.587	12058.517	61.885
1.006	14.745			
8/12/2016 6:30:00 AM	117000.000	126.818	20.352	289.058
16163.908	17738.816	10.590	12062.396	61.866
1.006	14.750			
8/12/2016 6:45:00 AM	117900.000	126.817	20.345	289.056
16157.789	17734.764	10.588	12059.640	61.890
1.006	14.751			
8/12/2016 7:00:00 AM	118800.000	126.825	20.337	289.074
16164.355	17744.662	10.594	12066.371	61.865
1.006	14.755			
8/12/2016 7:15:00 AM	119700.000	126.821	20.342	289.065
16166.316	17744.996	10.594	12066.598	61.857
1.006	14.758			
8/12/2016 7:30:00 AM	120600.000	126.831	20.338	289.086
16156.508	17735.787	10.588	12060.335	61.895
1.006	14.760			
8/12/2016 7:45:00 AM	121500.000	126.831	20.354	289.087
16176.689	17752.029	10.599	12071.381	61.817
1.006	14.765			
8/12/2016 8:00:00 AM	122400.000	126.840	20.347	289.108
16168.808	17745.943	10.595	12067.241	61.847
1.006	14.758			
8/12/2016 8:15:00 AM	123300.000	126.843	20.346	289.114
16171.409	17749.057	10.597	12069.358	61.838
1.006	14.768			
8/12/2016 8:30:00 AM	124200.000	126.852	20.345	289.135
16172.877	17751.256	10.598	12070.855	61.832
1.006	14.763			
8/12/2016 8:45:00 AM	125100.000	126.860	20.340	289.152
16176.771	17757.123	10.602	12074.845	61.817
1.006	14.759			
8/12/2016 9:00:00 AM	126000.000	126.865	20.343	289.163
16171.972	17750.977	10.598	12070.664	61.835
1.006	14.761			
8/12/2016 9:15:00 AM	126900.000	126.857	20.346	289.147
16184.094	17763.047	10.606	12078.873	61.789
1.006	14.764			
8/12/2016 9:30:00 AM	127800.000	126.865	20.348	289.164
16178.271	17755.908	10.601	12074.019	61.811
1.006	14.765			
8/12/2016 9:45:00 AM	128700.000	126.874	20.347	289.186
16180.598	17758.982	10.603	12076.109	61.802
1.006	14.764			
8/12/2016 10:00:00 AM	129600.000	126.875	20.348	289.188
16184.829	17763.107	10.606	12078.914	61.786
1.006	14.768			
8/12/2016 10:15:00 AM	130500.000	126.878	20.345	289.195
16179.486	17758.541	10.603	12075.809	61.807
1.006	14.766			
8/12/2016 10:30:00 AM	131400.000	126.896	20.345	289.236

16179.179	17758.010	10.603	12075.447	61.808
1.006	14.759			
8/12/2016 10:45:00 AM	132300.000	126.895	20.345	289.232
16184.077	17763.256	10.606	12079.014	61.789
1.006	14.766			
8/12/2016 11:00:00 AM	133200.000	126.887	20.346	289.215
16186.341	17765.514	10.608	12080.550	61.780
1.006	14.770			
8/12/2016 11:15:00 AM	134100.000	126.896	20.339	289.235
16183.048	17764.467	10.607	12079.839	61.793
1.006	14.767			
8/12/2016 11:30:00 AM	135000.000	126.893	20.348	289.228
16178.904	17756.797	10.602	12074.623	61.809
1.006	14.764			
8/12/2016 11:45:00 AM	135900.000	126.894	20.345	289.231
16184.369	17763.676	10.606	12079.300	61.788
1.006	14.763			
8/12/2016 12:00:00 PM	136800.000	126.894	20.341	289.230
16177.435	17757.654	10.602	12075.206	61.814
1.006	14.768			
8/12/2016 12:15:00 PM	137700.000	126.892	20.346	289.226
16187.188	17766.512	10.608	12081.229	61.777
1.006	14.767			
8/12/2016 12:30:00 PM	138600.000	126.902	20.339	289.249
16181.849	17763.086	10.606	12078.899	61.798
1.006	14.769			
8/12/2016 12:45:00 PM	139500.000	126.903	20.343	289.251
16182.877	17762.721	10.606	12078.651	61.794
1.006	14.767			
8/12/2016 1:00:00 PM	140400.000	126.903	20.341	289.251
16186.142	17767.018	10.609	12081.572	61.781
1.006	14.764			
8/12/2016 1:15:00 PM	141300.000	126.909	20.341	289.265
16184.279	17765.299	10.607	12080.404	61.788
1.006	14.758			
8/12/2016 1:30:00 PM	142200.000	126.902	20.341	289.249
16180.326	17760.867	10.605	12077.391	61.803
1.006	14.760			
8/12/2016 1:45:00 PM	143100.000	126.898	20.346	289.239
16185.710	17764.752	10.607	12080.031	61.783
1.006	14.760			
8/12/2016 2:00:00 PM	144000.000	126.889	20.339	289.219
16184.436	17765.957	10.608	12080.852	61.788
1.006	14.763			
8/12/2016 2:15:00 PM	144900.000	126.885	20.344	289.210
16186.296	17766.377	10.608	12081.138	61.781
1.006	14.760			
8/12/2016 2:30:00 PM	145800.000	126.894	20.335	289.231
16182.646	17765.490	10.607	12080.534	61.795
1.006	14.761			
8/12/2016 2:45:00 PM	146700.000	126.885	20.341	289.210
16178.640	17759.047	10.603	12076.152	61.810
1.006	14.759			
8/12/2016 3:00:00 PM	147600.000	126.882	20.345	289.204
16180.389	17759.338	10.604	12076.351	61.803
1.006	14.759			
8/12/2016 3:15:00 PM	148500.000	126.877	20.342	289.192

16178.452	17758.414	10.603	12075.723	61.811
1.006	14.757			
8/12/2016 3:30:00 PM	149400.000	126.878	20.347	289.193
16181.045	17759.475	10.604	12076.442	61.801
1.006	14.758			
8/12/2016 3:45:00 PM	150300.000	126.879	20.341	289.197
16177.786	17757.908	10.603	12075.379	61.813
1.006	14.753			
8/12/2016 4:00:00 PM	151200.000	126.842	20.340	289.113
16172.775	17752.934	10.599	12071.996	61.832
1.006	14.761			
8/12/2016 4:15:00 PM	152100.000	126.869	20.348	289.174
16175.255	17752.664	10.599	12071.812	61.823
1.006	14.753			
8/12/2016 4:30:00 PM	153000.000	126.865	20.342	289.166
16171.360	17750.533	10.598	12070.363	61.838
1.006	14.753			
8/12/2016 4:45:00 PM	153900.000	126.868	20.339	289.171
16169.688	17749.898	10.597	12069.931	61.844
1.006	14.751			
8/12/2016 5:00:00 PM	154800.000	126.863	20.339	289.160
16171.491	17751.814	10.599	12071.234	61.837
1.006	14.749			
8/12/2016 5:15:00 PM	155700.000	126.866	20.346	289.168
16172.482	17750.500	10.598	12070.340	61.833
1.006	14.745			
8/12/2016 5:30:00 PM	156600.000	126.867	20.340	289.168
16168.488	17748.193	10.596	12068.772	61.849
1.006	14.746			
8/12/2016 5:45:00 PM	157500.000	126.885	20.348	289.210
16175.705	17753.027	10.600	12072.060	61.821
1.006	14.735			
8/12/2016 6:00:00 PM	158400.000	126.880	20.344	289.198
16166.974	17744.973	10.594	12066.582	61.854
1.006	14.737			
8/12/2016 6:15:00 PM	159300.000	126.883	20.340	289.204
16166.543	17745.992	10.595	12067.275	61.856
1.006	14.733			
8/12/2016 6:30:00 PM	160200.000	126.893	20.342	289.228
16167.837	17746.633	10.595	12067.711	61.851
1.006	14.735			
8/12/2016 6:45:00 PM	161100.000	126.897	20.339	289.237
16163.159	17742.668	10.593	12065.015	61.869
1.006	14.732			
8/12/2016 7:00:00 PM	162000.000	126.907	20.343	289.261
16166.348	17744.543	10.594	12066.290	61.857
1.006	14.730			
8/12/2016 7:15:00 PM	162900.000	126.907	20.342	289.260
16165.159	17743.822	10.593	12065.800	61.861
1.006	14.732			
8/12/2016 7:30:00 PM	163800.000	126.912	20.340	289.273
16164.068	17743.244	10.593	12065.407	61.866
1.006	14.732			
8/12/2016 7:45:00 PM	164700.000	126.918	20.343	289.286
16167.992	17746.383	10.595	12067.540	61.851
1.006	14.724			
8/12/2016 8:00:00 PM	165600.000	126.924	20.342	289.298

16163.691	17742.146	10.592	12064.661	61.867
1.006	14.728			
8/12/2016 8:15:00 PM	166500.000	126.918	20.346	289.286
16158.647	17734.988	10.588	12059.793	61.886
1.006	14.734			
8/12/2016 8:30:00 PM	167400.000	126.922	20.344	289.293
16161.012	17738.555	10.590	12062.219	61.877
1.006	14.734			
8/12/2016 8:45:00 PM	168300.000	126.930	20.339	289.313
16166.750	17746.805	10.595	12067.828	61.855
1.006	14.735			
8/12/2016 9:00:00 PM	169200.000	126.939	20.336	289.334
16156.816	17736.811	10.589	12061.032	61.893
1.006	14.734			
8/12/2016 9:15:00 PM	170100.000	126.935	20.341	289.325
16151.942	17729.672	10.584	12056.177	61.912
1.006	14.736			
8/12/2016 9:30:00 PM	171000.000	126.942	20.341	289.341
16153.422	17731.266	10.585	12057.262	61.906
1.006	14.741			
8/12/2016 9:45:00 PM	171900.000	126.948	20.335	289.353
16147.788	17727.287	10.583	12054.556	61.928
1.006	14.739			
8/12/2016 10:00:00 PM	172800.000	126.947	20.337	289.352
16147.754	17726.406	10.582	12053.957	61.928
1.006	14.737			
8/12/2016 10:15:00 PM	173700.000	126.943	20.339	289.342
16139.139	17716.494	10.576	12047.217	61.961
1.006	14.744			
8/12/2016 10:30:00 PM	174600.000	126.927	20.349	289.305
16150.335	17725.057	10.581	12053.039	61.918
1.006	14.746			
8/12/2016 10:45:00 PM	175500.000	126.931	20.340	289.314
16142.042	17719.002	10.577	12048.923	61.950
1.006	14.737			
8/12/2016 11:00:00 PM	176400.000	126.922	20.338	289.295
16141.792	17719.795	10.578	12049.461	61.951
1.006	14.739			
8/12/2016 11:15:00 PM	177300.000	126.924	20.346	289.300
16140.161	17714.760	10.575	12046.038	61.957
1.006	14.739			
8/12/2016 11:30:00 PM	178200.000	126.910	20.341	289.267
16139.942	17716.600	10.576	12047.289	61.958
1.006	14.738			
8/12/2016 11:45:00 PM	179100.000	126.907	20.339	289.261
16131.334	17707.928	10.570	12041.392	61.991
1.006	14.733			
8/13/2016 12:00:00 AM	180000.000	126.903	20.344	289.251
16135.382	17710.330	10.572	12043.025	61.976
1.006	14.732			
8/13/2016 12:15:00 AM	180900.000	126.887	20.342	289.214
16130.229	17705.416	10.569	12039.684	61.995
1.006	14.735			
8/13/2016 12:30:00 AM	181800.000	126.862	20.341	289.157
16125.575	17700.730	10.566	12036.498	62.013
1.006	14.732			
8/13/2016 12:45:00 AM	182700.000	126.878	20.343	289.193

16128.737	17703.490	10.567	12038.374	62.001
1.006	14.731			
8/13/2016 1:00:00 AM	183600.000	126.848	20.340	289.126
16128.054	17703.680	10.567	12038.503	62.004
1.006	14.728			
8/13/2016 1:15:00 AM	184500.000	126.853	20.344	289.138
16123.974	17697.902	10.564	12034.573	62.019
1.006	14.731			
8/13/2016 1:30:00 AM	185400.000	126.843	20.336	289.114
16118.584	17694.969	10.562	12032.579	62.040
1.006	14.737			
8/13/2016 1:45:00 AM	186300.000	126.837	20.346	289.100
16126.646	17700.191	10.565	12036.131	62.009
1.006	14.728			
8/13/2016 2:00:00 AM	187200.000	126.836	20.340	289.097
16120.989	17696.184	10.563	12033.406	62.031
1.006	14.726			
8/13/2016 2:15:00 AM	188100.000	126.829	20.345	289.082
16119.722	17692.721	10.560	12031.051	62.036
1.006	14.729			
8/13/2016 2:30:00 AM	189000.000	126.813	20.337	289.045
16117.313	17693.281	10.561	12031.433	62.045
1.006	14.725			
8/13/2016 2:45:00 AM	189900.000	126.810	20.347	289.040
16118.685	17690.932	10.559	12029.835	62.040
1.006	14.719			
8/13/2016 3:00:00 AM	190800.000	126.818	20.344	289.058
16118.802	17692.098	10.560	12030.627	62.039
1.006	14.723			
8/13/2016 3:15:00 AM	191700.000	126.780	20.340	288.972
16111.984	17686.072	10.556	12026.530	62.066
1.006	14.723			
8/13/2016 3:30:00 AM	192600.000	126.780	20.339	288.971
16119.032	17694.195	10.561	12032.053	62.038
1.006	14.722			
8/13/2016 3:45:00 AM	193500.000	126.766	20.338	288.938
16115.429	17690.693	10.559	12029.673	62.052
1.006	14.723			
8/13/2016 4:00:00 AM	194400.000	126.771	20.345	288.950
16117.018	17689.883	10.559	12029.120	62.046
1.006	14.718			
8/13/2016 4:15:00 AM	195300.000	126.764	20.339	288.933
16119.945	17695.133	10.562	12032.691	62.035
1.006	14.718			
8/13/2016 4:30:00 AM	196200.000	126.763	20.340	288.933
16119.648	17694.387	10.561	12032.184	62.036
1.006	14.712			
8/13/2016 4:45:00 AM	197100.000	126.761	20.344	288.927
16115.646	17688.600	10.558	12028.249	62.052
1.006	14.716			
8/13/2016 5:00:00 AM	198000.000	126.757	20.341	288.919
16111.305	17685.066	10.555	12025.847	62.068
1.006	14.713			
8/13/2016 5:15:00 AM	198900.000	126.743	20.335	288.887
16115.610	17692.059	10.560	12030.601	62.052
1.006	14.716			
8/13/2016 5:30:00 AM	199800.000	126.746	20.342	288.893

16116.749	17690.590	10.559	12029.602	62.047
1.006	14.717			
8/13/2016 5:45:00 AM	200700.000	126.768	20.339	288.944
16122.433	17697.895	10.564	12034.568	62.025
1.006	14.716			
8/13/2016 6:00:00 AM	201600.000	126.747	20.343	288.896
16127.138	17701.635	10.566	12037.112	62.007
1.006	14.720			
8/13/2016 6:15:00 AM	202500.000	126.755	20.346	288.914
16127.285	17700.695	10.566	12036.474	62.007
1.006	14.716			
8/13/2016 6:30:00 AM	203400.000	126.753	20.345	288.909
16135.588	17710.230	10.572	12042.957	61.975
1.006	14.715			
8/13/2016 6:45:00 AM	204300.000	126.769	20.338	288.946
16130.410	17707.012	10.570	12040.770	61.995
1.006	14.717			
8/13/2016 7:00:00 AM	205200.000	126.766	20.346	288.938
16143.995	17719.068	10.577	12048.968	61.943
1.006	14.724			
8/13/2016 7:15:00 AM	206100.000	126.776	20.342	288.962
16145.925	17722.807	10.580	12051.509	61.935
1.006	14.722			
8/13/2016 7:30:00 AM	207000.000	126.782	20.341	288.976
16143.556	17720.566	10.578	12049.986	61.944
1.006	14.730			
8/13/2016 7:45:00 AM	207900.000	126.775	20.342	288.959
16149.416	17726.543	10.582	12054.051	61.922
1.006	14.733			
8/13/2016 8:00:00 AM	208800.000	126.789	20.338	288.991
16150.056	17728.510	10.584	12055.388	61.919
1.006	14.730			
8/13/2016 8:15:00 AM	209700.000	126.790	20.346	288.993
16162.303	17739.326	10.591	12062.743	61.872
1.006	14.732			
8/13/2016 8:30:00 AM	210600.000	126.788	20.348	288.988
16163.820	17740.115	10.591	12063.279	61.867
1.006	14.731			
8/13/2016 8:45:00 AM	211500.000	126.798	20.347	289.012
16157.168	17733.041	10.587	12058.469	61.892
1.006	14.730			
8/13/2016 9:00:00 AM	212400.000	126.804	20.347	289.026
16165.537	17742.387	10.593	12064.824	61.860
1.006	14.733			
8/13/2016 9:15:00 AM	213300.000	126.807	20.341	289.033
16164.198	17743.094	10.593	12065.305	61.865
1.006	14.734			
8/13/2016 9:30:00 AM	214200.000	126.815	20.340	289.051
16161.398	17740.283	10.591	12063.394	61.876
1.006	14.730			
8/13/2016 9:45:00 AM	215100.000	126.821	20.339	289.063
16168.969	17749.012	10.597	12069.328	61.847
1.006	14.731			
8/13/2016 10:00:00 AM	216000.000	126.832	20.340	289.089
16170.069	17749.994	10.597	12069.997	61.843
1.006	14.728			
8/13/2016 10:15:00 AM	216900.000	126.829	20.342	289.082

16169.971	17749.039	10.597	12069.348	61.843
1.006	14.728			
8/13/2016 10:30:00 AM	217800.000	126.827	20.340	289.079
16167.334	17746.895	10.595	12067.890	61.853
1.006	14.727			
8/13/2016 10:45:00 AM	218700.000	126.834	20.337	289.093
16172.028	17753.311	10.600	12072.251	61.835
1.006	14.728			
8/13/2016 11:00:00 AM	219600.000	126.821	20.346	289.064
16172.397	17750.344	10.598	12070.234	61.834
1.006	14.730			
8/13/2016 11:15:00 AM	220500.000	126.825	20.334	289.074
16176.732	17759.420	10.604	12076.405	61.817
1.006	14.730			
8/13/2016 11:30:00 AM	221400.000	126.823	20.348	289.070
16178.738	17756.453	10.602	12074.390	61.810
1.006	14.727			
8/13/2016 11:45:00 AM	222300.000	126.833	20.343	289.092
16175.999	17755.492	10.601	12073.735	61.820
1.006	14.722			
8/13/2016 12:00:00 PM	223200.000	126.822	20.344	289.065
16179.847	17759.004	10.603	12076.123	61.805
1.006	14.724			
8/13/2016 12:15:00 PM	224100.000	126.831	20.342	289.087
16173.249	17752.734	10.599	12071.860	61.830
1.006	14.721			
8/13/2016 12:30:00 PM	225000.000	126.818	20.345	289.057
16181.493	17760.744	10.604	12077.306	61.799
1.006	14.723			
8/13/2016 12:45:00 PM	225900.000	126.829	20.342	289.082
16174.377	17753.844	10.600	12072.614	61.826
1.006	14.721			
8/13/2016 1:00:00 PM	226800.000	126.824	20.339	289.071
16174.433	17755.107	10.601	12073.474	61.826
1.006	14.723			
8/13/2016 1:15:00 PM	227700.000	126.827	20.347	289.078
16179.561	17757.713	10.603	12075.246	61.806
1.006	14.717			
8/13/2016 1:30:00 PM	228600.000	126.821	20.345	289.064
16177.228	17756.000	10.601	12074.080	61.815
1.006	14.717			
8/13/2016 1:45:00 PM	229500.000	126.829	20.341	289.083
16176.502	17756.498	10.602	12074.420	61.818
1.006	14.714			
8/13/2016 2:00:00 PM	230400.000	126.825	20.344	289.074
16178.738	17757.820	10.603	12075.319	61.810
1.006	14.716			
8/13/2016 2:15:00 PM	231300.000	126.816	20.344	289.053
16180.554	17760.006	10.604	12076.804	61.803
1.006	14.718			
8/13/2016 2:30:00 PM	232200.000	126.822	20.339	289.066
16184.667	17766.311	10.608	12081.091	61.787
1.006	14.717			
8/13/2016 2:45:00 PM	233100.000	126.817	20.339	289.056
16181.502	17762.736	10.606	12078.662	61.799
1.006	14.714			
8/13/2016 3:00:00 PM	234000.000	126.820	20.342	289.061

16173.153	17752.660	10.599	12071.809	61.831
1.006	14.711			
8/13/2016 3:15:00 PM	234900.000	126.806	20.341	289.029
16176.808	17756.803	10.602	12074.627	61.817
1.006	14.713			
8/13/2016 3:30:00 PM	235800.000	126.823	20.343	289.070
16173.020	17752.158	10.599	12071.469	61.831
1.006	14.710			
8/13/2016 3:45:00 PM	236700.000	126.820	20.341	289.061
16171.460	17750.934	10.598	12070.636	61.837
1.006	14.706			
8/13/2016 4:00:00 PM	237600.000	126.834	20.338	289.095
16176.497	17757.666	10.602	12075.214	61.818
1.006	14.706			
8/13/2016 4:15:00 PM	238500.000	126.838	20.343	289.104
16170.716	17749.438	10.597	12069.618	61.840
1.006	14.703			
8/13/2016 4:30:00 PM	239400.000	126.858	20.338	289.149
16172.583	17753.238	10.600	12072.203	61.833
1.006	14.699			
8/13/2016 4:45:00 PM	240300.000	126.844	20.346	289.118
16178.235	17756.750	10.602	12074.591	61.811
1.006	14.697			
8/13/2016 5:00:00 PM	241200.000	126.850	20.348	289.130
16171.595	17748.646	10.597	12069.080	61.837
1.006	14.697			
8/13/2016 5:15:00 PM	242100.000	126.850	20.348	289.131
16176.872	17754.406	10.600	12072.997	61.817
1.006	14.694			
8/13/2016 5:30:00 PM	243000.000	126.864	20.340	289.163
16171.075	17751.129	10.598	12070.769	61.839
1.006	14.695			
8/13/2016 5:45:00 PM	243900.000	126.875	20.345	289.187
16164.793	17742.320	10.593	12064.779	61.863
1.006	14.690			
8/13/2016 6:00:00 PM	244800.000	126.880	20.346	289.199
16178.457	17756.893	10.602	12074.688	61.811
1.006	14.689			
8/13/2016 6:15:00 PM	245700.000	126.882	20.343	289.202
16167.729	17746.125	10.595	12067.365	61.852
1.006	14.689			
8/13/2016 6:30:00 PM	246600.000	126.887	20.341	289.214
16169.207	17748.525	10.597	12068.997	61.846
1.006	14.689			
8/13/2016 6:45:00 PM	247500.000	126.901	20.334	289.246
16165.971	17747.539	10.596	12068.328	61.858
1.006	14.690			
8/13/2016 7:00:00 PM	248400.000	126.875	20.339	289.187
16162.849	17742.359	10.592	12064.805	61.870
1.006	14.693			
8/13/2016 7:15:00 PM	249300.000	126.907	20.345	289.260
16166.168	17743.959	10.594	12065.894	61.858
1.006	14.695			
8/13/2016 7:30:00 PM	250200.000	126.919	20.345	289.288
16162.706	17740.061	10.591	12063.242	61.871
1.006	14.690			
8/13/2016 7:45:00 PM	251100.000	126.930	20.344	289.313

16169.219	17747.340	10.596	12068.191	61.846
1.006	14.687			
8/13/2016 8:00:00 PM	252000.000	126.939	20.340	289.333
16162.933	17742.094	10.592	12064.625	61.870
1.006	14.688			
8/13/2016 8:15:00 PM	252900.000	126.943	20.334	289.343
16163.920	17745.355	10.594	12066.842	61.866
1.006	14.686			
8/13/2016 8:30:00 PM	253800.000	126.960	20.338	289.381
16159.246	17738.729	10.590	12062.337	61.884
1.006	14.688			
8/13/2016 8:45:00 PM	254700.000	126.957	20.343	289.375
16160.594	17738.293	10.590	12062.039	61.879
1.006	14.692			
8/13/2016 9:00:00 PM	255600.000	126.953	20.350	289.366
16161.509	17736.764	10.589	12061.000	61.875
1.006	14.691			
8/13/2016 9:15:00 PM	256500.000	126.969	20.337	289.401
16160.757	17740.809	10.591	12063.750	61.878
1.006	14.693			
8/13/2016 9:30:00 PM	257400.000	126.963	20.340	289.388
16156.399	17734.957	10.588	12059.771	61.895
1.006	14.693			
8/13/2016 9:45:00 PM	258300.000	126.974	20.344	289.412
16158.106	17735.174	10.588	12059.918	61.888
1.006	14.692			
8/13/2016 10:00:00 PM	259200.000	126.967	20.351	289.397
16152.835	17726.891	10.583	12054.287	61.909
1.006	14.696			
8/13/2016 10:15:00 PM	260100.000	126.974	20.344	289.413
16154.144	17730.855	10.585	12056.982	61.904
1.006	14.697			
8/13/2016 10:30:00 PM	261000.000	126.970	20.345	289.403
16149.657	17725.674	10.582	12053.458	61.921
1.006	14.698			
8/13/2016 10:45:00 PM	261900.000	126.962	20.345	289.385
16150.199	17726.172	10.582	12053.798	61.919
1.006	14.697			
8/13/2016 11:00:00 PM	262800.000	126.969	20.345	289.401
16148.884	17724.891	10.581	12052.926	61.924
1.006	14.695			
8/13/2016 11:15:00 PM	263700.000	126.963	20.343	289.388
16142.948	17719.021	10.577	12048.935	61.947
1.006	14.697			
8/13/2016 11:30:00 PM	264600.000	126.969	20.339	289.401
16139.829	17717.059	10.576	12047.600	61.959
1.006	14.693			
8/13/2016 11:45:00 PM	265500.000	126.956	20.338	289.371
16136.225	17713.684	10.574	12045.306	61.972
1.006	14.692			
8/14/2016 12:00:00 AM	266400.000	126.956	20.341	289.371
16136.475	17712.596	10.573	12044.566	61.971
1.006	14.694			
8/14/2016 12:15:00 AM	267300.000	126.949	20.343	289.356
16133.791	17709.100	10.571	12042.188	61.982
1.006	14.693			
8/14/2016 12:30:00 AM	268200.000	126.949	20.339	289.357

16139.165	17716.264	10.576	12047.060	61.961
1.006	14.692			
8/14/2016 12:45:00 AM	269100.000	126.929	20.334	289.311
16131.460	17709.590	10.571	12042.522	61.991
1.006	14.690			
8/14/2016 1:00:00 AM	270000.000	126.925	20.335	289.302
16130.121	17707.762	10.570	12041.279	61.996
1.006	14.694			
8/14/2016 1:15:00 AM	270900.000	126.920	20.336	289.290
16126.593	17703.662	10.567	12038.491	62.009
1.006	14.690			
8/14/2016 1:30:00 AM	271800.000	126.911	20.346	289.270
16127.999	17701.381	10.566	12036.939	62.004
1.006	14.689			
8/14/2016 1:45:00 AM	272700.000	126.896	20.340	289.235
16123.659	17699.146	10.564	12035.421	62.021
1.006	14.691			
8/14/2016 2:00:00 AM	273600.000	126.888	20.345	289.217
16128.774	17702.818	10.567	12037.917	62.001
1.006	14.688			
8/14/2016 2:15:00 AM	274500.000	126.880	20.349	289.199
16129.489	17702.078	10.566	12037.414	61.998
1.006	14.687			
8/14/2016 2:30:00 AM	275400.000	126.873	20.347	289.182
16120.194	17692.430	10.560	12030.854	62.034
1.006	14.686			
8/14/2016 2:45:00 AM	276300.000	126.866	20.337	289.167
16121.688	17697.857	10.564	12034.544	62.028
1.006	14.683			
8/14/2016 3:00:00 AM	277200.000	126.868	20.345	289.170
16121.295	17694.348	10.561	12032.157	62.030
1.006	14.679			
8/14/2016 3:15:00 AM	278100.000	126.852	20.343	289.135
16119.931	17693.693	10.561	12031.713	62.035
1.006	14.676			
8/14/2016 3:30:00 AM	279000.000	126.838	20.341	289.102
16116.796	17691.162	10.559	12029.991	62.047
1.006	14.680			
8/14/2016 3:45:00 AM	279900.000	126.830	20.341	289.084
16121.614	17696.514	10.563	12033.631	62.029
1.006	14.678			
8/14/2016 4:00:00 AM	280800.000	126.819	20.339	289.059
16116.828	17691.680	10.560	12030.343	62.047
1.006	14.684			
8/14/2016 4:15:00 AM	281700.000	126.817	20.339	289.055
16120.535	17695.750	10.562	12033.110	62.033
1.006	14.684			
8/14/2016 4:30:00 AM	282600.000	126.808	20.341	289.034
16120.767	17695.551	10.562	12032.976	62.032
1.006	14.684			
8/14/2016 4:45:00 AM	283500.000	126.803	20.343	289.024
16121.527	17695.445	10.562	12032.903	62.029
1.006	14.683			
8/14/2016 5:00:00 AM	284400.000	126.805	20.341	289.027
16115.067	17689.063	10.558	12028.563	62.054
1.006	14.681			
8/14/2016 5:15:00 AM	285300.000	126.796	20.348	289.007

16126.196	17698.787	10.564	12035.177	62.011
1.006	14.687			
8/14/2016 5:30:00 AM	286200.000	126.793	20.346	289.000
16122.525	17695.504	10.562	12032.942	62.025
1.006	14.685			
8/14/2016 5:45:00 AM	287100.000	126.791	20.340	288.997
16130.925	17706.895	10.570	12040.689	61.993
1.006	14.689			
8/14/2016 6:00:00 AM	288000.000	126.794	20.344	289.004
16128.741	17703.168	10.567	12038.154	62.001
1.006	14.687			
8/14/2016 6:15:00 AM	288900.000	126.781	20.344	288.974
16135.402	17710.416	10.572	12043.083	61.976
1.006	14.697			
8/14/2016 6:30:00 AM	289800.000	126.790	20.346	288.994
16143.443	17718.301	10.577	12048.444	61.945
1.006	14.692			
8/14/2016 6:45:00 AM	290700.000	126.789	20.344	288.990
16140.372	17715.807	10.575	12046.750	61.956
1.006	14.693			
8/14/2016 7:00:00 AM	291600.000	126.793	20.341	289.000
16146.254	17723.396	10.580	12051.910	61.934
1.006	14.696			
8/14/2016 7:15:00 AM	292500.000	126.779	20.345	288.968
16148.481	17724.479	10.581	12052.646	61.925
1.006	14.700			
8/14/2016 7:30:00 AM	293400.000	126.791	20.345	288.996
16153.899	17730.201	10.585	12056.538	61.905
1.006	14.689			
8/14/2016 7:45:00 AM	294300.000	126.806	20.347	289.030
16161.311	17737.814	10.590	12061.714	61.876
1.006	14.697			
8/14/2016 8:00:00 AM	295200.000	126.809	20.345	289.036
16162.039	17739.197	10.591	12062.654	61.873
1.006	14.695			
8/14/2016 8:15:00 AM	296100.000	126.817	20.343	289.055
16168.856	17747.588	10.596	12068.361	61.847
1.006	14.702			
8/14/2016 8:30:00 AM	297000.000	126.807	20.344	289.032
16170.327	17748.881	10.597	12069.239	61.842
1.006	14.702			
8/14/2016 8:45:00 AM	297900.000	126.780	20.343	288.970
16178.090	17757.627	10.602	12075.187	61.812
1.006	14.704			
8/14/2016 9:00:00 AM	298800.000	126.812	20.346	289.043
16177.532	17755.914	10.601	12074.022	61.814
1.006	14.703			
8/14/2016 9:15:00 AM	299700.000	126.827	20.341	289.078
16186.381	17767.342	10.609	12081.794	61.780
1.006	14.703			
8/14/2016 9:30:00 AM	300600.000	126.825	20.348	289.074
16189.054	17767.936	10.609	12082.197	61.770
1.006	14.701			
8/14/2016 9:45:00 AM	301500.000	126.824	20.353	289.071
16192.837	17769.979	10.611	12083.587	61.756
1.006	14.705			
8/14/2016 10:00:00 AM	302400.000	126.833	20.350	289.090

16197.413	17776.041	10.614	12087.708	61.738
1.006	14.711			
8/14/2016 10:15:00 AM	303300.000	126.834	20.346	289.093
16196.847	17777.113	10.615	12088.438	61.740
1.006	14.712			
8/14/2016 10:30:00 AM	304200.000	126.846	20.342	289.122
16201.313	17783.477	10.619	12092.765	61.723
1.006	14.704			
8/14/2016 10:45:00 AM	305100.000	126.845	20.342	289.120
16205.678	17788.168	10.622	12095.955	61.707
1.006	14.709			
8/14/2016 11:00:00 AM	306000.000	126.842	20.335	289.113
16212.036	17797.689	10.628	12102.430	61.683
1.006	14.708			
8/14/2016 11:15:00 AM	306900.000	126.846	20.349	289.121
16212.892	17793.645	10.626	12099.679	61.679
1.006	14.704			
8/14/2016 11:30:00 AM	307800.000	126.848	20.345	289.127
16217.194	17799.736	10.630	12103.821	61.663
1.006	14.703			
8/14/2016 11:45:00 AM	308700.000	126.840	20.349	289.107
16220.509	17801.842	10.631	12105.253	61.650
1.006	14.703			
8/14/2016 12:00:00 PM	309600.000	126.847	20.347	289.124
16221.441	17803.877	10.632	12106.637	61.647
1.006	14.706			
8/14/2016 12:15:00 PM	310500.000	126.847	20.352	289.124
16222.835	17803.287	10.632	12106.235	61.642
1.006	14.703			
8/14/2016 12:30:00 PM	311400.000	126.853	20.349	289.137
16223.587	17805.189	10.633	12107.529	61.639
1.006	14.699			
8/14/2016 12:45:00 PM	312300.000	126.846	20.340	289.121
16223.854	17808.967	10.636	12110.098	61.638
1.006	14.704			
8/14/2016 1:00:00 PM	313200.000	126.849	20.340	289.129
16224.411	17809.711	10.636	12110.604	61.636
1.006	14.695			
8/14/2016 1:15:00 PM	314100.000	126.858	20.334	289.149
16225.375	17812.822	10.638	12112.721	61.632
1.006	14.701			
8/14/2016 1:30:00 PM	315000.000	126.855	20.339	289.142
16231.594	17817.691	10.641	12116.030	61.608
1.006	14.698			
8/14/2016 1:45:00 PM	315900.000	126.839	20.344	289.106
16231.851	17816.215	10.640	12115.026	61.607
1.006	14.705			
8/14/2016 2:00:00 PM	316800.000	126.848	20.338	289.126
16229.805	17816.121	10.640	12114.964	61.615
1.006	14.699			
8/14/2016 2:15:00 PM	317700.000	126.848	20.344	289.125
16238.854	17824.066	10.646	12120.366	61.581
1.006	14.691			
8/14/2016 2:30:00 PM	318600.000	126.838	20.345	289.104
16239.248	17823.910	10.645	12120.260	61.579
1.006	14.697			
8/14/2016 2:45:00 PM	319500.000	126.847	20.336	289.122

16237.594	17825.713	10.647	12121.485	61.585
1.006	14.698			
8/14/2016 3:00:00 PM	320400.000	126.847	20.331	289.123
16233.051	17822.422	10.644	12119.247	61.603
1.006	14.691			
8/14/2016 3:15:00 PM	321300.000	126.846	20.342	289.121
16240.092	17826.105	10.647	12121.753	61.576
1.006	14.690			
8/14/2016 3:30:00 PM	322200.000	126.846	20.342	289.120
16233.288	17818.605	10.642	12116.651	61.602
1.006	14.691			
8/14/2016 3:45:00 PM	323100.000	126.839	20.341	289.105
16240.302	17826.467	10.647	12121.998	61.575
1.006	14.692			
8/14/2016 4:00:00 PM	324000.000	126.843	20.347	289.114
16243.578	17828.008	10.648	12123.047	61.563
1.006	14.686			
8/14/2016 4:15:00 PM	324900.000	126.839	20.340	289.104
16234.605	17820.900	10.643	12118.213	61.597
1.006	14.693			
8/14/2016 4:30:00 PM	325800.000	126.848	20.341	289.125
16235.076	17820.928	10.643	12118.231	61.595
1.006	14.683			
8/14/2016 4:45:00 PM	326700.000	126.852	20.343	289.135
16236.814	17822.150	10.644	12119.063	61.588
1.006	14.685			
8/14/2016 5:00:00 PM	327600.000	126.846	20.338	289.121
16238.911	17826.344	10.647	12121.915	61.580
1.006	14.691			
8/14/2016 5:15:00 PM	328500.000	126.855	20.343	289.142
16236.593	17821.711	10.644	12118.764	61.589
1.006	14.689			
8/14/2016 5:30:00 PM	329400.000	126.859	20.342	289.151
16235.623	17821.168	10.644	12118.395	61.593
1.006	14.686			
8/14/2016 5:45:00 PM	330300.000	126.874	20.340	289.184
16231.884	17817.945	10.642	12116.203	61.607
1.006	14.686			
8/14/2016 6:00:00 PM	331200.000	126.871	20.342	289.177
16233.303	17818.684	10.642	12116.706	61.602
1.006	14.688			
8/14/2016 6:15:00 PM	332100.000	126.884	20.343	289.209
16229.031	17813.477	10.639	12113.165	61.618
1.006	14.688			
8/14/2016 6:30:00 PM	333000.000	126.888	20.335	289.218
16237.715	17825.945	10.647	12121.643	61.585
1.006	14.684			
8/14/2016 6:45:00 PM	333900.000	126.889	20.345	289.220
16233.026	17817.307	10.641	12115.770	61.603
1.006	14.683			
8/14/2016 7:00:00 PM	334800.000	126.899	20.344	289.242
16234.283	17819.049	10.642	12116.954	61.598
1.006	14.685			
8/14/2016 7:15:00 PM	335700.000	126.911	20.341	289.269
16230.167	17815.576	10.640	12114.593	61.614
1.006	14.687			
8/14/2016 7:30:00 PM	336600.000	126.917	20.344	289.282

16228.831	17812.963	10.638	12112.814	61.619
1.006	14.686			
8/14/2016 7:45:00 PM	337500.000	126.932	20.337	289.317
16220.461	17806.516	10.634	12108.431	61.651
1.006	14.686			
8/14/2016 8:00:00 PM	338400.000	126.932	20.339	289.318
16231.622	17817.723	10.641	12116.053	61.608
1.006	14.689			
8/14/2016 8:15:00 PM	339300.000	126.943	20.348	289.341
16237.118	17820.596	10.643	12118.006	61.587
1.006	14.688			
8/14/2016 8:30:00 PM	340200.000	126.947	20.343	289.352
16231.492	17816.244	10.640	12115.047	61.609
1.006	14.694			
8/14/2016 8:45:00 PM	341100.000	126.965	20.344	289.392
16224.646	17808.340	10.635	12109.672	61.635
1.006	14.690			
8/14/2016 9:00:00 PM	342000.000	126.968	20.347	289.399
16227.807	17810.863	10.637	12111.388	61.623
1.006	14.700			
8/14/2016 9:15:00 PM	342900.000	126.968	20.343	289.399
16226.435	17810.820	10.637	12111.358	61.628
1.006	14.696			
8/14/2016 9:30:00 PM	343800.000	126.966	20.343	289.395
16227.610	17812.018	10.638	12112.172	61.623
1.006	14.698			
8/14/2016 9:45:00 PM	344700.000	126.984	20.341	289.435
16218.181	17802.217	10.631	12105.509	61.659
1.006	14.698			
8/14/2016 10:00:00 PM	345600.000	126.983	20.340	289.433
16221.767	17806.480	10.634	12108.408	61.646
1.006	14.699			
8/14/2016 10:15:00 PM	346500.000	127.005	20.343	289.484
16217.260	17800.750	10.630	12104.511	61.663
1.006	14.698			
8/14/2016 10:30:00 PM	347400.000	126.994	20.346	289.459
16222.572	17805.377	10.633	12107.656	61.643
1.006	14.700			
8/14/2016 10:45:00 PM	348300.000	126.998	20.338	289.467
16215.057	17800.025	10.630	12104.019	61.671
1.006	14.700			
8/14/2016 11:00:00 PM	349200.000	127.005	20.340	289.484
16211.867	17795.744	10.627	12101.106	61.683
1.006	14.701			
8/14/2016 11:15:00 PM	350100.000	127.001	20.348	289.475
16210.099	17791.002	10.624	12097.882	61.690
1.006	14.700			
8/14/2016 11:30:00 PM	351000.000	127.003	20.343	289.478
16210.078	17792.898	10.625	12099.172	61.690
1.006	14.700			
8/14/2016 11:45:00 PM	351900.000	127.003	20.339	289.479
16203.359	17786.668	10.621	12094.936	61.716
1.006	14.698			
8/15/2016 12:00:00 AM	352800.000	126.993	20.341	289.457
16200.234	17782.750	10.619	12092.271	61.728
1.006	14.705			
8/15/2016 12:15:00 AM	353700.000	126.992	20.346	289.454

16201.303	17781.867	10.618	12091.670	61.723
1.006	14.703			
8/15/2016 12:30:00 AM	354600.000	126.993	20.346	289.457
16197.596	17777.832	10.616	12088.927	61.738
1.006	14.704			
8/15/2016 12:45:00 AM	355500.000	126.940	20.340	289.335
16198.015	17780.477	10.617	12090.725	61.736
1.006	14.712			
8/15/2016 1:00:00 AM	356400.000	126.983	20.341	289.433
16192.878	17774.738	10.614	12086.822	61.756
1.006	14.706			
8/15/2016 1:15:00 AM	357300.000	126.973	20.339	289.410
16196.811	17779.734	10.617	12090.221	61.741
1.006	14.709			
8/15/2016 1:30:00 AM	358200.000	126.966	20.348	289.394
16190.230	17769.100	10.610	12082.988	61.766
1.006	14.707			
8/15/2016 1:45:00 AM	359100.000	126.971	20.342	289.406
16184.171	17764.723	10.607	12080.013	61.789
1.006	14.707			
8/15/2016 2:00:00 AM	360000.000	126.954	20.347	289.368
16190.423	17769.701	10.610	12083.396	61.765
1.006	14.704			
8/15/2016 2:15:00 AM	360900.000	126.951	20.348	289.361
16183.232	17761.547	10.605	12077.853	61.792
1.006	14.702			
8/15/2016 2:30:00 AM	361800.000	126.942	20.346	289.340
16187.022	17766.457	10.608	12081.191	61.778
1.006	14.703			
8/15/2016 2:45:00 AM	362700.000	126.929	20.351	289.311
16182.362	17759.195	10.604	12076.254	61.796
1.006	14.698			
8/15/2016 3:00:00 AM	363600.000	126.932	20.342	289.317
16178.228	17758.006	10.603	12075.445	61.811
1.006	14.698			
8/15/2016 3:15:00 AM	364500.000	126.926	20.345	289.303
16172.985	17751.213	10.598	12070.825	61.832
1.006	14.698			
8/15/2016 3:30:00 AM	365400.000	126.916	20.352	289.281
16175.703	17751.662	10.599	12071.131	61.821
1.006	14.695			
8/15/2016 3:45:00 AM	366300.000	126.903	20.346	289.251
16181.773	17760.635	10.604	12077.232	61.798
1.006	14.699			
8/15/2016 4:00:00 AM	367200.000	126.893	20.344	289.229
16177.619	17756.854	10.602	12074.660	61.814
1.006	14.697			
8/15/2016 4:15:00 AM	368100.000	126.897	20.343	289.238
16177.709	17757.014	10.602	12074.770	61.813
1.006	14.699			
8/15/2016 4:30:00 AM	369000.000	126.885	20.350	289.210
16175.532	17752.027	10.599	12071.380	61.822
1.006	14.701			
8/15/2016 4:45:00 AM	369900.000	126.873	20.348	289.184
16175.843	17753.438	10.600	12072.338	61.821
1.006	14.700			
8/15/2016 5:00:00 AM	370800.000	126.881	20.339	289.201

16176.509	17757.256	10.602	12074.935	61.818
1.006	14.702			
8/15/2016 5:15:00 AM	371700.000	126.875	20.343	289.188
16173.747	17753.020	10.599	12072.054	61.829
1.006	14.704			
8/15/2016 5:30:00 AM	372600.000	126.868	20.342	289.172
16173.511	17753.021	10.599	12072.055	61.829
1.006	14.707			
8/15/2016 5:45:00 AM	373500.000	126.875	20.345	289.186
16173.732	17752.262	10.599	12071.539	61.829
1.006	14.700			
8/15/2016 6:00:00 AM	374400.000	126.869	20.344	289.174
16171.798	17750.232	10.598	12070.159	61.836
1.006	14.705			
8/15/2016 6:15:00 AM	375300.000	126.883	20.345	289.204
16172.689	17751.080	10.598	12070.735	61.833
1.006	14.696			
8/15/2016 6:30:00 AM	376200.000	126.866	20.342	289.168
16174.017	17753.643	10.600	12072.479	61.828
1.006	14.705			
8/15/2016 6:45:00 AM	377100.000	126.877	20.344	289.192
16178.774	17757.828	10.603	12075.324	61.809
1.006	14.708			
8/15/2016 7:00:00 AM	378000.000	126.873	20.347	289.183
16180.912	17759.328	10.604	12076.344	61.801
1.006	14.712			
8/15/2016 7:15:00 AM	378900.000	126.878	20.347	289.193
16182.946	17761.396	10.605	12077.750	61.793
1.006	14.713			
8/15/2016 7:30:00 AM	379800.000	126.872	20.347	289.181
16189.908	17769.168	10.610	12083.034	61.767
1.006	14.717			
8/15/2016 7:45:00 AM	380700.000	126.888	20.344	289.216
16187.166	17767.102	10.609	12081.630	61.777
1.006	14.715			
8/15/2016 8:00:00 AM	381600.000	126.883	20.345	289.204
16191.390	17771.381	10.611	12084.539	61.761
1.006	14.720			
8/15/2016 8:15:00 AM	382500.000	126.891	20.344	289.224
16188.592	17768.797	10.610	12082.783	61.772
1.006	14.719			
8/15/2016 8:30:00 AM	383400.000	126.900	20.341	289.245
16192.968	17774.742	10.614	12086.825	61.755
1.006	14.719			
8/15/2016 8:45:00 AM	384300.000	126.906	20.348	289.258
16195.378	17774.619	10.613	12086.741	61.746
1.006	14.719			
8/15/2016 9:00:00 AM	385200.000	126.903	20.349	289.251
16197.414	17776.496	10.615	12088.019	61.738
1.006	14.722			
8/15/2016 9:15:00 AM	386100.000	126.910	20.346	289.268
16205.223	17786.203	10.621	12094.619	61.708
1.006	14.724			
8/15/2016 9:30:00 AM	387000.000	126.914	20.343	289.277
16203.852	17785.871	10.621	12094.393	61.714
1.006	14.726			
8/15/2016 9:45:00 AM	387900.000	126.926	20.345	289.304

16208.246	17789.914	10.623	12097.143	61.697
1.006	14.725			
8/15/2016 10:00:00 AM	388800.000	126.914	20.347	289.276
16206.505	17787.158	10.622	12095.269	61.704
1.006	14.726			
8/15/2016 10:15:00 AM	389700.000	126.924	20.344	289.298
16209.494	17791.609	10.624	12098.295	61.692
1.006	14.726			
8/15/2016 10:30:00 AM	390600.000	126.928	20.345	289.308
16207.666	17789.246	10.623	12096.688	61.699
1.006	14.732			
8/15/2016 10:45:00 AM	391500.000	126.946	20.343	289.350
16213.248	17796.283	10.627	12101.473	61.678
1.006	14.731			
8/15/2016 11:00:00 AM	392400.000	126.947	20.343	289.352
16212.938	17795.746	10.627	12101.107	61.679
1.006	14.728			
8/15/2016 11:15:00 AM	393300.000	126.943	20.339	289.342
16218.919	17803.779	10.632	12106.571	61.656
1.006	14.734			
8/15/2016 11:30:00 AM	394200.000	126.948	20.349	289.353
16223.176	17805.031	10.633	12107.422	61.640
1.006	14.731			
8/15/2016 11:45:00 AM	395100.000	126.942	20.345	289.340
16217.290	17800.033	10.630	12104.023	61.663
1.006	14.729			
8/15/2016 12:00:00 PM	396000.000	126.933	20.341	289.318
16214.239	17797.859	10.629	12102.546	61.674
1.006	14.726			
8/15/2016 12:15:00 PM	396900.000	126.940	20.343	289.337
16215.706	17798.951	10.629	12103.288	61.669
1.006	14.727			
8/15/2016 12:30:00 PM	397800.000	126.947	20.339	289.351
16216.960	17801.922	10.631	12105.308	61.664
1.006	14.722			
8/15/2016 12:45:00 PM	398700.000	126.953	20.347	289.365
16221.268	17803.520	10.632	12106.394	61.647
1.006	14.717			
8/15/2016 1:00:00 PM	399600.000	126.949	20.351	289.356
16220.954	17801.744	10.631	12105.188	61.649
1.006	14.714			
8/15/2016 1:15:00 PM	400500.000	126.939	20.343	289.333
16217.545	17801.094	10.631	12104.745	61.662
1.006	14.723			
8/15/2016 1:30:00 PM	401400.000	126.930	20.344	289.312
16223.348	17807.045	10.634	12108.791	61.640
1.006	14.720			
8/15/2016 1:45:00 PM	402300.000	126.934	20.340	289.321
16219.234	17803.994	10.632	12106.716	61.655
1.006	14.714			
8/15/2016 2:00:00 PM	403200.000	126.922	20.343	289.293
16217.706	17801.240	10.631	12104.844	61.661
1.006	14.721			
8/15/2016 2:15:00 PM	404100.000	126.926	20.337	289.303
16208.197	17792.951	10.625	12099.208	61.697
1.006	14.716			
8/15/2016 2:30:00 PM	405000.000	126.921	20.340	289.291

16214.878	17798.986	10.629	12103.312	61.672
1.006	14.721			
8/15/2016 2:45:00 PM	405900.000	126.921	20.338	289.291
16214.337	17799.398	10.629	12103.591	61.674
1.006	14.720			
8/15/2016 3:00:00 PM	406800.000	126.929	20.338	289.310
16213.399	17798.338	10.629	12102.871	61.677
1.006	14.714			
8/15/2016 3:15:00 PM	407700.000	126.917	20.344	289.283
16216.123	17798.918	10.629	12103.265	61.667
1.006	14.709			
8/15/2016 3:30:00 PM	408600.000	126.904	20.346	289.253
16205.851	17786.857	10.621	12095.064	61.706
1.006	14.716			
8/15/2016 3:45:00 PM	409500.000	126.905	20.341	289.256
16209.683	17793.053	10.625	12099.276	61.692
1.006	14.707			
8/15/2016 4:00:00 PM	410400.000	126.908	20.343	289.263
16206.122	17788.461	10.622	12096.154	61.705
1.006	14.710			
8/15/2016 4:15:00 PM	411300.000	126.905	20.340	289.255
16202.106	17784.998	10.620	12093.800	61.720
1.006	14.709			
8/15/2016 4:30:00 PM	412200.000	126.905	20.336	289.255
16199.562	17783.766	10.619	12092.961	61.730
1.006	14.707			
8/15/2016 4:45:00 PM	413100.000	126.902	20.339	289.249
16197.911	17780.848	10.617	12090.977	61.736
1.006	14.703			
8/15/2016 5:00:00 PM	414000.000	126.895	20.341	289.234
16196.159	17778.146	10.616	12089.140	61.743
1.006	14.702			
8/15/2016 5:15:00 PM	414900.000	126.894	20.341	289.230
16194.865	17776.654	10.615	12088.125	61.748
1.006	14.706			
8/15/2016 5:30:00 PM	415800.000	126.897	20.346	289.237
16198.126	17778.613	10.616	12089.457	61.736
1.006	14.706			
8/15/2016 5:45:00 PM	416700.000	126.895	20.338	289.233
16190.388	17773.107	10.612	12085.714	61.765
1.006	14.702			
8/15/2016 6:00:00 PM	417600.000	126.896	20.342	289.235
16186.200	17766.723	10.608	12081.371	61.781
1.006	14.706			
8/15/2016 6:15:00 PM	418500.000	126.906	20.343	289.258
16186.960	17767.330	10.609	12081.785	61.778
1.006	14.699			
8/15/2016 6:30:00 PM	419400.000	126.914	20.340	289.275
16182.454	17763.619	10.606	12079.262	61.795
1.006	14.701			
8/15/2016 6:45:00 PM	420300.000	126.919	20.339	289.287
16187.334	17769.207	10.610	12083.062	61.777
1.006	14.702			
8/15/2016 7:00:00 PM	421200.000	126.925	20.336	289.300
16179.135	17761.313	10.605	12077.693	61.808
1.006	14.700			
8/15/2016 7:15:00 PM	422100.000	126.932	20.347	289.317

16183.158	17761.859	10.605	12078.064	61.793
1.006	14.700			
8/15/2016 7:30:00 PM	423000.000	126.939	20.349	289.333
16182.970	17760.742	10.605	12077.305	61.793
1.006	14.698			
8/15/2016 7:45:00 PM	423900.000	126.931	20.344	289.314
16174.388	17753.014	10.599	12072.050	61.826
1.006	14.701			
8/15/2016 8:00:00 PM	424800.000	126.948	20.346	289.353
16176.447	17754.557	10.600	12073.100	61.818
1.006	14.704			
8/15/2016 8:15:00 PM	425700.000	126.956	20.346	289.371
16179.601	17758.281	10.603	12075.632	61.806
1.006	14.703			
8/15/2016 8:30:00 PM	426600.000	126.992	20.347	289.454
16178.537	17756.656	10.602	12074.526	61.810
1.006	14.704			
8/15/2016 8:45:00 PM	427500.000	126.975	20.339	289.416
16174.649	17755.152	10.601	12073.505	61.825
1.006	14.703			
8/15/2016 9:00:00 PM	428400.000	126.979	20.339	289.424
16174.231	17754.986	10.601	12073.391	61.827
1.006	14.705			
8/15/2016 9:15:00 PM	429300.000	126.995	20.339	289.461
16169.130	17749.094	10.597	12069.385	61.846
1.006	14.701			
8/15/2016 9:30:00 PM	430200.000	126.995	20.338	289.460
16163.274	17743.250	10.593	12065.410	61.869
1.006	14.708			
8/15/2016 9:45:00 PM	431100.000	127.002	20.339	289.476
16168.726	17748.648	10.597	12069.081	61.848
1.006	14.713			
8/15/2016 10:00:00 PM	432000.000	127.002	20.343	289.477
16164.061	17742.195	10.592	12064.694	61.866
1.006	14.709			
8/15/2016 10:15:00 PM	432900.000	126.995	20.344	289.461
16168.349	17746.385	10.595	12067.543	61.849
1.006	14.713			
8/15/2016 10:30:00 PM	433800.000	127.012	20.342	289.500
16166.208	17745.070	10.594	12066.648	61.857
1.006	14.709			
8/15/2016 10:45:00 PM	434700.000	127.027	20.345	289.533
16159.317	17736.404	10.589	12060.756	61.884
1.006	14.705			
8/15/2016 11:00:00 PM	435600.000	127.022	20.347	289.523
16160.651	17736.795	10.589	12061.021	61.879
1.006	14.702			
8/15/2016 11:15:00 PM	436500.000	127.029	20.348	289.538
16155.798	17731.344	10.585	12057.313	61.897
1.006	14.700			
8/15/2016 11:30:00 PM	437400.000	127.025	20.347	289.529
16158.412	17734.438	10.587	12059.419	61.887
1.006	14.706			
8/15/2016 11:45:00 PM	438300.000	127.032	20.353	289.546
16158.864	17732.891	10.586	12058.367	61.886
1.006	14.701			
8/16/2016 12:00:00 AM	439200.000	127.020	20.353	289.517

16150.904	17724.121	10.581	12052.402	61.916
1.006	14.705			
8/16/2016 12:15:00 AM	440100.000	127.035	20.355	289.551
16153.810	17726.564	10.582	12054.063	61.905
1.006	14.705			
8/16/2016 12:30:00 AM	441000.000	127.023	20.359	289.523
16150.938	17722.020	10.580	12050.974	61.916
1.006	14.705			
8/16/2016 12:45:00 AM	441900.000	127.019	20.365	289.517
16151.521	17720.420	10.579	12049.887	61.914
1.006	14.704			
8/16/2016 1:00:00 AM	442800.000	127.015	20.364	289.507
16153.130	17722.416	10.580	12051.244	61.908
1.006	14.703			
8/16/2016 1:15:00 AM	443700.000	127.005	20.367	289.484
16145.918	17713.563	10.574	12045.224	61.935
1.006	14.699			
8/16/2016 1:30:00 AM	444600.000	127.002	20.368	289.476
16150.509	17717.916	10.577	12048.184	61.918
1.006	14.699			
8/16/2016 1:45:00 AM	445500.000	126.993	20.375	289.456
16148.015	17712.816	10.574	12044.716	61.927
1.006	14.699			
8/16/2016 2:00:00 AM	446400.000	126.988	20.376	289.446
16149.327	17713.930	10.574	12045.473	61.922
1.006	14.695			
8/16/2016 2:15:00 AM	447300.000	127.003	20.378	289.479
16148.744	17712.420	10.573	12044.446	61.924
1.006	14.695			
8/16/2016 2:30:00 AM	448200.000	126.973	20.377	289.410
16156.691	17721.426	10.579	12050.569	61.894
1.006	14.693			
8/16/2016 2:45:00 AM	449100.000	126.964	20.332	289.391
16126.082	17704.592	10.568	12039.123	62.011
1.006	14.693			
8/16/2016 3:00:00 AM	450000.000	126.963	20.315	289.388
16101.565	17683.922	10.554	12025.068	62.106
1.006	14.694			
8/16/2016 3:15:00 AM	450900.000	126.929	20.312	289.311
16088.449	17670.813	10.546	12016.153	62.156
1.006	14.694			
8/16/2016 3:30:00 AM	451800.000	126.952	20.312	289.363
16085.257	17667.209	10.544	12013.702	62.169
1.006	14.692			
8/16/2016 3:45:00 AM	452700.000	126.942	20.310	289.341
16080.302	17662.572	10.541	12010.550	62.188
1.006	14.687			
8/16/2016 4:00:00 AM	453600.000	126.922	20.319	289.294
16082.075	17661.061	10.540	12009.522	62.181
1.006	14.693			
8/16/2016 4:15:00 AM	454500.000	126.917	20.320	289.282
16075.038	17652.879	10.534	12003.959	62.208
1.006	14.685			
8/16/2016 4:30:00 AM	455400.000	126.895	20.325	289.232
16082.581	17659.582	10.539	12008.517	62.179
1.006	14.694			
8/16/2016 4:45:00 AM	456300.000	126.869	20.324	289.175

16078.739	17655.555	10.536	12005.778	62.194
1.006	14.689			
8/16/2016 5:00:00 AM	457200.000	126.891	20.326	289.223
16082.202	17658.809	10.538	12007.991	62.181
1.006	14.688			
8/16/2016 5:15:00 AM	458100.000	126.885	20.333	289.209
16084.435	17658.508	10.538	12007.786	62.172
1.006	14.680			
8/16/2016 5:30:00 AM	459000.000	126.885	20.333	289.211
16079.064	17652.520	10.534	12003.715	62.193
1.006	14.688			
8/16/2016 5:45:00 AM	459900.000	126.842	20.336	289.113
16087.449	17660.660	10.540	12009.250	62.160
1.006	14.693			
8/16/2016 6:00:00 AM	460800.000	126.862	20.335	289.157
16083.271	17656.494	10.537	12006.416	62.176
1.006	14.694			
8/16/2016 6:15:00 AM	461700.000	126.865	20.333	289.164
16082.273	17656.137	10.537	12006.173	62.180
1.006	14.692			
8/16/2016 6:30:00 AM	462600.000	126.854	20.337	289.139
16082.827	17655.387	10.536	12005.664	62.178
1.006	14.697			
8/16/2016 6:45:00 AM	463500.000	126.856	20.334	289.143
16082.568	17655.977	10.536	12006.065	62.179
1.006	14.697			
8/16/2016 7:00:00 AM	464400.000	126.847	20.342	289.124
16087.953	17659.207	10.539	12008.262	62.158
1.006	14.700			
8/16/2016 7:15:00 AM	465300.000	126.843	20.338	289.115
16095.419	17668.566	10.545	12014.626	62.129
1.006	14.701			
8/16/2016 7:30:00 AM	466200.000	126.854	20.336	289.139
16098.408	17672.561	10.547	12017.342	62.118
1.006	14.702			
8/16/2016 7:45:00 AM	467100.000	126.845	20.346	289.120
16099.051	17669.775	10.546	12015.447	62.115
1.006	14.703			
8/16/2016 8:00:00 AM	468000.000	126.849	20.343	289.129
16100.029	17671.912	10.547	12016.901	62.112
1.006	14.701			
8/16/2016 8:15:00 AM	468900.000	126.860	20.348	289.154
16106.349	17677.104	10.550	12020.432	62.087
1.006	14.703			
8/16/2016 8:30:00 AM	469800.000	126.867	20.346	289.170
16111.246	17683.123	10.554	12024.523	62.068
1.006	14.704			
8/16/2016 8:45:00 AM	470700.000	126.863	20.343	289.161
16111.852	17684.762	10.555	12025.639	62.066
1.006	14.704			
8/16/2016 9:00:00 AM	471600.000	126.879	20.348	289.197
16111.237	17682.531	10.554	12024.121	62.068
1.006	14.705			
8/16/2016 9:15:00 AM	472500.000	126.879	20.345	289.197
16112.505	17685.021	10.555	12025.815	62.064
1.006	14.702			
8/16/2016 9:30:00 AM	473400.000	126.884	20.343	289.208

16120.419	17694.195	10.561	12032.053	62.033
1.006	14.713			
8/16/2016 9:45:00 AM	474300.000	126.895	20.347	289.232
16122.978	17695.611	10.562	12033.017	62.023
1.006	14.699			
8/16/2016 10:00:00 AM	475200.000	126.901	20.347	289.247
16128.063	17701.289	10.566	12036.878	62.004
1.006	14.698			
8/16/2016 10:15:00 AM	476100.000	126.905	20.340	289.256
16129.270	17705.207	10.568	12039.541	61.999
1.006	14.702			
8/16/2016 10:30:00 AM	477000.000	126.910	20.343	289.266
16136.473	17712.012	10.573	12044.169	61.971
1.006	14.703			
8/16/2016 10:45:00 AM	477900.000	126.919	20.340	289.287
16138.985	17715.646	10.575	12046.641	61.962
1.006	14.701			
8/16/2016 11:00:00 AM	478800.000	126.923	20.347	289.297
16142.545	17716.924	10.576	12047.509	61.948
1.006	14.706			
8/16/2016 11:15:00 AM	479700.000	126.910	20.342	289.267
16143.121	17719.602	10.578	12049.330	61.946
1.006	14.709			
8/16/2016 11:30:00 AM	480600.000	126.922	20.340	289.295
16144.114	17721.373	10.579	12050.535	61.942
1.006	14.697			
8/16/2016 11:45:00 AM	481500.000	126.919	20.346	289.288
16151.338	17727.191	10.583	12054.491	61.914
1.006	14.703			
8/16/2016 12:00:00 PM	482400.000	126.926	20.344	289.303
16149.728	17726.170	10.582	12053.797	61.921
1.006	14.707			
8/16/2016 12:15:00 PM	483300.000	126.921	20.348	289.291
16155.110	17730.684	10.585	12056.865	61.900
1.006	14.705			
8/16/2016 12:30:00 PM	484200.000	126.920	20.346	289.290
16157.967	17734.371	10.587	12059.373	61.889
1.006	14.708			
8/16/2016 12:45:00 PM	485100.000	126.929	20.345	289.310
16151.481	17727.641	10.583	12054.796	61.914
1.006	14.701			
8/16/2016 1:00:00 PM	486000.000	126.920	20.341	289.290
16157.945	17736.299	10.589	12060.685	61.889
1.006	14.709			
8/16/2016 1:15:00 PM	486900.000	126.924	20.343	289.299
16149.126	17725.803	10.582	12053.547	61.923
1.006	14.708			
8/16/2016 1:30:00 PM	487800.000	126.921	20.347	289.291
16157.921	17733.898	10.587	12059.052	61.889
1.006	14.704			
8/16/2016 1:45:00 PM	488700.000	126.904	20.346	289.254
16155.810	17732.004	10.586	12057.763	61.897
1.006	14.708			
8/16/2016 2:00:00 PM	489600.000	126.909	20.343	289.264
16160.392	17738.297	10.590	12062.042	61.880
1.006	14.703			
8/16/2016 2:15:00 PM	490500.000	126.902	20.338	289.248

16154.065	17732.979	10.586	12058.426	61.904
1.006	14.708			
8/16/2016 2:30:00 PM	491400.000	126.899	20.339	289.243
16159.430	17738.701	10.590	12062.317	61.883
1.006	14.699			
8/16/2016 2:45:00 PM	492300.000	126.908	20.334	289.263
16154.938	17735.365	10.588	12060.049	61.901
1.006	14.697			
8/16/2016 3:00:00 PM	493200.000	126.897	20.342	289.238
16155.929	17733.596	10.587	12058.846	61.897
1.006	14.696			
8/16/2016 3:15:00 PM	494100.000	126.898	20.335	289.239
16150.862	17730.662	10.585	12056.852	61.916
1.006	14.693			
8/16/2016 3:30:00 PM	495000.000	126.894	20.342	289.231
16159.545	17737.596	10.589	12061.566	61.883
1.006	14.693			
8/16/2016 3:45:00 PM	495900.000	126.876	20.348	289.189
16159.907	17735.916	10.588	12060.424	61.882
1.006	14.693			
8/16/2016 4:00:00 PM	496800.000	126.887	20.343	289.215
16161.019	17739.049	10.590	12062.555	61.877
1.006	14.690			
8/16/2016 4:15:00 PM	497700.000	126.884	20.341	289.207
16160.805	17739.205	10.590	12062.660	61.878
1.006	14.691			
8/16/2016 4:30:00 PM	498600.000	126.875	20.337	289.188
16154.611	17734.229	10.587	12059.275	61.902
1.006	14.690			
8/16/2016 4:45:00 PM	499500.000	126.869	20.342	289.173
16157.162	17735.141	10.588	12059.896	61.892
1.006	14.687			
8/16/2016 5:00:00 PM	500400.000	126.873	20.339	289.182
16150.894	17729.398	10.584	12055.992	61.916
1.006	14.691			
8/16/2016 5:15:00 PM	501300.000	126.863	20.342	289.160
16162.823	17741.063	10.592	12063.924	61.870
1.006	14.689			
8/16/2016 5:30:00 PM	502200.000	126.866	20.349	289.167
16156.774	17731.961	10.586	12057.733	61.894
1.006	14.685			
8/16/2016 5:45:00 PM	503100.000	126.884	20.339	289.208
16152.765	17731.258	10.585	12057.257	61.909
1.006	14.681			
8/16/2016 6:00:00 PM	504000.000	126.868	20.338	289.172
16156.107	17735.510	10.588	12060.147	61.896
1.006	14.684			
8/16/2016 6:15:00 PM	504900.000	126.871	20.341	289.179
16149.735	17727.318	10.583	12054.577	61.921
1.006	14.680			
8/16/2016 6:30:00 PM	505800.000	126.881	20.344	289.200
16157.749	17734.813	10.588	12059.673	61.890
1.006	14.677			
8/16/2016 6:45:00 PM	506700.000	126.877	20.338	289.193
16155.439	17734.742	10.588	12059.626	61.899
1.006	14.679			
8/16/2016 7:00:00 PM	507600.000	126.883	20.344	289.205

16160.805	17738.396	10.590	12062.110	61.878
1.006	14.679			
8/16/2016 7:15:00 PM	508500.000	126.874	20.345	289.186
16156.608	17733.369	10.587	12058.692	61.894
1.006	14.681			
8/16/2016 7:30:00 PM	509400.000	126.873	20.341	289.182
16157.224	17735.539	10.588	12060.167	61.892
1.006	14.685			
8/16/2016 7:45:00 PM	510300.000	126.891	20.339	289.223
16150.976	17729.389	10.584	12055.984	61.916
1.006	14.682			
8/16/2016 8:00:00 PM	511200.000	126.895	20.346	289.233
16152.573	17728.354	10.583	12055.280	61.910
1.006	14.682			
8/16/2016 8:15:00 PM	512100.000	126.907	20.347	289.259
16153.761	17729.332	10.584	12055.947	61.905
1.006	14.679			
8/16/2016 8:30:00 PM	513000.000	126.906	20.340	289.259
16149.471	17727.383	10.583	12054.621	61.922
1.006	14.685			
8/16/2016 8:45:00 PM	513900.000	126.913	20.347	289.274
16149.873	17725.195	10.581	12053.133	61.920
1.006	14.690			
8/16/2016 9:00:00 PM	514800.000	126.892	20.334	289.226
16150.170	17730.191	10.585	12056.531	61.919
1.006	14.690			
8/16/2016 9:15:00 PM	515700.000	126.936	20.334	289.327
16149.471	17729.424	10.584	12056.010	61.922
1.006	14.691			
8/16/2016 9:30:00 PM	516600.000	126.933	20.343	289.320
16150.804	17727.482	10.583	12054.689	61.916
1.006	14.695			
8/16/2016 9:45:00 PM	517500.000	126.953	20.345	289.364
16151.505	17727.574	10.583	12054.751	61.914
1.006	14.690			
8/16/2016 10:00:00 PM	518400.000	126.945	20.346	289.346
16153.602	17729.648	10.584	12056.162	61.906
1.006	14.695			
8/16/2016 10:15:00 PM	519300.000	126.962	20.340	289.386
16149.466	17727.443	10.583	12054.662	61.922
1.006	14.696			
8/16/2016 10:30:00 PM	520200.000	126.970	20.337	289.404
16151.907	17731.094	10.585	12057.145	61.912
1.006	14.689			
8/16/2016 10:45:00 PM	521100.000	126.959	20.340	289.378
16155.015	17733.240	10.587	12058.604	61.900
1.006	14.689			
8/16/2016 11:00:00 PM	522000.000	126.986	20.335	289.440
16153.277	17733.348	10.587	12058.678	61.907
1.006	14.686			
8/16/2016 11:15:00 PM	522900.000	126.987	20.338	289.442
16152.089	17730.840	10.585	12056.973	61.911
1.006	14.688			
8/16/2016 11:30:00 PM	523800.000	126.992	20.344	289.455
16151.779	17728.422	10.584	12055.327	61.913
1.006	14.685			
8/16/2016 11:45:00 PM	524700.000	126.987	20.345	289.442

16154.424	17730.744	10.585	12056.906	61.903
1.006	14.686			
8/17/2016 12:00:00 AM	525600.000	126.989	20.343	289.446
16145.920	17722.352	10.580	12051.200	61.935
1.006	14.687			
8/17/2016 12:15:00 AM	526500.000	126.991	20.345	289.452
16139.257	17714.225	10.574	12045.674	61.961
1.006	14.688			
8/17/2016 12:30:00 AM	527400.000	126.985	20.349	289.438
16141.809	17715.373	10.575	12046.454	61.951
1.006	14.686			
8/17/2016 12:45:00 AM	528300.000	126.983	20.353	289.434
16141.576	17713.693	10.574	12045.312	61.952
1.006	14.687			
8/17/2016 1:00:00 AM	529200.000	126.981	20.357	289.428
16144.225	17715.109	10.575	12046.275	61.942
1.006	14.685			
8/17/2016 1:15:00 AM	530100.000	126.976	20.361	289.417
16141.069	17710.123	10.572	12042.885	61.954
1.006	14.685			
8/17/2016 1:30:00 AM	531000.000	126.965	20.355	289.392
16142.356	17713.965	10.574	12045.497	61.949
1.006	14.683			
8/17/2016 1:45:00 AM	531900.000	126.955	20.357	289.369
16135.121	17705.344	10.569	12039.635	61.977
1.006	14.678			
8/17/2016 2:00:00 AM	532800.000	126.954	20.361	289.366
16137.767	17706.758	10.570	12040.596	61.966
1.006	14.678			
8/17/2016 2:15:00 AM	533700.000	126.952	20.357	289.364
16133.566	17703.574	10.568	12038.432	61.983
1.006	14.671			
8/17/2016 2:30:00 AM	534600.000	126.939	20.361	289.333
16134.282	17702.838	10.567	12037.931	61.980
1.006	14.678			
8/17/2016 2:45:00 AM	535500.000	126.940	20.350	289.335
16123.906	17695.496	10.562	12032.938	62.020
1.006	14.669			
8/17/2016 3:00:00 AM	536400.000	126.931	20.341	289.314
16121.554	17696.121	10.563	12033.363	62.029
1.006	14.675			
8/17/2016 3:15:00 AM	537300.000	126.921	20.350	289.292
16115.485	17686.127	10.556	12026.566	62.052
1.006	14.670			
8/17/2016 3:30:00 AM	538200.000	126.904	20.336	289.253
16110.481	17686.043	10.556	12026.510	62.071
1.006	14.671			
8/17/2016 3:45:00 AM	539100.000	126.888	20.339	289.218
16104.863	17678.609	10.551	12021.455	62.093
1.006	14.669			
8/17/2016 4:00:00 AM	540000.000	126.888	20.336	289.218
16105.373	17680.467	10.552	12022.719	62.091
1.006	14.664			
8/17/2016 4:15:00 AM	540900.000	126.883	20.337	289.205
16102.453	17676.836	10.550	12020.249	62.102
1.006	14.670			
8/17/2016 4:30:00 AM	541800.000	126.859	20.338	289.151

16093.351	17666.555	10.543	12013.257	62.137
1.006	14.672			
8/17/2016 4:45:00 AM	542700.000	126.858	20.339	289.149
16099.398	17672.645	10.547	12017.398	62.114
1.006	14.663			
8/17/2016 5:00:00 AM	543600.000	126.833	20.343	289.092
16101.661	17673.736	10.548	12018.141	62.105
1.006	14.668			
8/17/2016 5:15:00 AM	544500.000	126.838	20.339	289.104
16096.445	17669.561	10.545	12015.303	62.126
1.006	14.664			
8/17/2016 5:30:00 AM	545400.000	126.827	20.338	289.078
16094.971	17668.041	10.544	12014.268	62.131
1.006	14.669			
8/17/2016 5:45:00 AM	546300.000	126.824	20.336	289.072
16093.187	17667.150	10.544	12013.662	62.138
1.006	14.664			
8/17/2016 6:00:00 AM	547200.000	126.806	20.341	289.030
16092.082	17663.832	10.542	12011.407	62.142
1.006	14.663			
8/17/2016 6:15:00 AM	548100.000	126.799	20.341	289.014
16102.654	17675.473	10.549	12019.321	62.102
1.006	14.668			
8/17/2016 6:30:00 AM	549000.000	126.790	20.342	288.994
16093.351	17664.842	10.542	12012.094	62.137
1.006	14.671			
8/17/2016 6:45:00 AM	549900.000	126.781	20.344	288.973
16102.392	17674.246	10.548	12018.488	62.103
1.006	14.672			
8/17/2016 7:00:00 AM	550800.000	126.782	20.348	288.975
16108.989	17679.840	10.552	12022.291	62.077
1.006	14.675			
8/17/2016 7:15:00 AM	551700.000	126.785	20.338	288.983
16096.497	17669.717	10.545	12015.407	62.125
1.006	14.674			
8/17/2016 7:30:00 AM	552600.000	126.772	20.342	288.951
16103.768	17676.566	10.550	12020.066	62.097
1.006	14.683			
8/17/2016 7:45:00 AM	553500.000	126.776	20.340	288.961
16101.816	17675.072	10.549	12019.050	62.105
1.006	14.681			
8/17/2016 8:00:00 AM	554400.000	126.783	20.343	288.977
16112.610	17685.561	10.556	12026.183	62.063
1.006	14.681			
8/17/2016 8:15:00 AM	555300.000	126.778	20.346	288.966
16119.536	17692.092	10.560	12030.622	62.037
1.006	14.686			
8/17/2016 8:30:00 AM	556200.000	126.768	20.346	288.942
16120.102	17692.744	10.560	12031.066	62.034
1.006	14.686			
8/17/2016 8:45:00 AM	557100.000	126.786	20.344	288.984
16126.274	17700.203	10.565	12036.140	62.011
1.006	14.684			
8/17/2016 9:00:00 AM	558000.000	126.778	20.343	288.967
16128.796	17703.391	10.567	12038.307	62.001
1.006	14.686			
8/17/2016 9:15:00 AM	558900.000	126.784	20.346	288.979

16131.827	17705.777	10.569	12039.930	61.989
1.006	14.681			
8/17/2016 9:30:00 AM	559800.000	126.791	20.350	288.997
16138.645	17711.805	10.573	12044.028	61.963
1.006	14.684			
8/17/2016 9:45:00 AM	560700.000	126.791	20.344	288.997
16140.454	17716.025	10.575	12046.897	61.956
1.006	14.686			
8/17/2016 10:00:00 AM	561600.000	126.801	20.345	289.018
16147.392	17723.186	10.580	12051.768	61.930
1.006	14.684			
8/17/2016 10:15:00 AM	562500.000	126.766	20.340	288.939
16143.786	17720.949	10.579	12050.245	61.943
1.006	14.684			
8/17/2016 10:30:00 AM	563400.000	126.798	20.349	289.011
16160.230	17735.848	10.588	12060.377	61.880
1.006	14.687			
8/17/2016 10:45:00 AM	564300.000	126.802	20.348	289.022
16165.420	17741.836	10.592	12064.448	61.860
1.006	14.684			
8/17/2016 11:00:00 AM	565200.000	126.800	20.338	289.017
16159.557	17739.039	10.590	12062.548	61.883
1.006	14.685			
8/17/2016 11:15:00 AM	566100.000	126.809	20.343	289.037
16166.311	17744.732	10.594	12066.419	61.857
1.006	14.682			
8/17/2016 11:30:00 AM	567000.000	126.811	20.344	289.042
16164.028	17741.900	10.592	12064.493	61.866
1.006	14.683			
8/17/2016 11:45:00 AM	567900.000	126.815	20.347	289.051
16175.168	17752.893	10.599	12071.967	61.823
1.006	14.680			
8/17/2016 12:00:00 PM	568800.000	126.819	20.341	289.059
16173.795	17753.561	10.600	12072.421	61.828
1.006	14.677			
8/17/2016 12:15:00 PM	569700.000	126.823	20.337	289.069
16181.638	17763.826	10.606	12079.403	61.798
1.006	14.679			
8/17/2016 12:30:00 PM	570600.000	126.798	20.343	289.012
16183.306	17763.191	10.606	12078.971	61.792
1.006	14.693			
8/17/2016 12:45:00 PM	571500.000	126.811	20.349	289.042
16190.649	17769.170	10.610	12083.036	61.764
1.006	14.683			
8/17/2016 1:00:00 PM	572400.000	126.817	20.340	289.054
16188.146	17769.674	10.610	12083.379	61.774
1.006	14.676			
8/17/2016 1:15:00 PM	573300.000	126.814	20.346	289.048
16196.559	17776.729	10.615	12088.177	61.742
1.006	14.679			
8/17/2016 1:30:00 PM	574200.000	126.818	20.340	289.057
16190.601	17772.596	10.612	12085.366	61.764
1.006	14.669			
8/17/2016 1:45:00 PM	575100.000	126.812	20.345	289.043
16187.510	17767.023	10.609	12081.576	61.776
1.006	14.673			
8/17/2016 2:00:00 PM	576000.000	126.816	20.337	289.052

16190.801	17773.854	10.613	12086.222	61.763
1.006	14.668			
8/17/2016 2:15:00 PM	576900.000	126.801	20.341	289.020
16204.432	17787.094	10.622	12095.225	61.712
1.006	14.675			
8/17/2016 2:30:00 PM	577800.000	126.790	20.346	288.993
16196.092	17776.146	10.614	12087.780	61.743
1.006	14.680			
8/17/2016 2:45:00 PM	578700.000	126.797	20.341	289.010
16203.234	17786.074	10.621	12094.531	61.716
1.006	14.674			
8/17/2016 3:00:00 PM	579600.000	126.782	20.343	288.976
16207.078	17789.283	10.623	12096.713	61.701
1.006	14.671			
8/17/2016 3:15:00 PM	580500.000	126.821	20.342	289.065
16208.746	17791.602	10.624	12098.289	61.695
1.006	14.671			
8/17/2016 3:30:00 PM	581400.000	126.783	20.340	288.978
16203.253	17786.258	10.621	12094.656	61.716
1.006	14.668			
8/17/2016 3:45:00 PM	582300.000	126.779	20.337	288.968
16201.421	17785.318	10.620	12094.017	61.723
1.006	14.669			
8/17/2016 4:00:00 PM	583200.000	126.769	20.339	288.946
16206.098	17789.705	10.623	12097.000	61.705
1.006	14.668			
8/17/2016 4:15:00 PM	584100.000	126.774	20.335	288.958
16200.837	17785.525	10.620	12094.158	61.725
1.006	14.659			
8/17/2016 4:30:00 PM	585000.000	126.763	20.338	288.932
16204.290	17788.369	10.622	12096.091	61.712
1.006	14.662			
8/17/2016 4:45:00 PM	585900.000	126.758	20.337	288.921
16206.133	17790.787	10.624	12097.736	61.705
1.006	14.660			
8/17/2016 5:00:00 PM	586800.000	126.749	20.338	288.900
16211.443	17795.996	10.627	12101.278	61.685
1.006	14.661			
8/17/2016 5:15:00 PM	587700.000	126.753	20.336	288.910
16205.943	17790.707	10.624	12097.681	61.706
1.006	14.657			
8/17/2016 5:30:00 PM	588600.000	126.747	20.340	288.896
16202.759	17785.715	10.621	12094.287	61.718
1.006	14.660			
8/17/2016 5:45:00 PM	589500.000	126.735	20.331	288.867
16203.161	17789.445	10.623	12096.823	61.716
1.006	14.661			
8/17/2016 6:00:00 PM	590400.000	126.735	20.336	288.869
16201.771	17786.096	10.621	12094.545	61.722
1.006	14.657			
8/17/2016 6:15:00 PM	591300.000	126.741	20.340	288.881
16203.975	17787.049	10.621	12095.194	61.713
1.006	14.653			
8/17/2016 6:30:00 PM	592200.000	126.726	20.339	288.848
16201.455	17784.902	10.620	12093.733	61.723
1.006	14.655			
8/17/2016 6:45:00 PM	593100.000	126.713	20.350	288.818

16210.194	17790.227	10.624	12097.354	61.690
1.006	14.660			
8/17/2016 7:00:00 PM	594000.000	126.725	20.340	288.846
16205.820	17789.076	10.623	12096.573	61.706
1.006	14.656			
8/17/2016 7:15:00 PM	594900.000	126.722	20.346	288.838
16209.949	17791.559	10.624	12098.260	61.691
1.006	14.651			
8/17/2016 7:30:00 PM	595800.000	126.716	20.337	288.825
16202.324	17786.342	10.621	12094.713	61.720
1.006	14.654			
8/17/2016 7:45:00 PM	596700.000	126.720	20.345	288.835
16213.549	17795.672	10.627	12101.057	61.677
1.006	14.654			
8/17/2016 8:00:00 PM	597600.000	126.710	20.342	288.812
16207.095	17789.986	10.623	12097.190	61.701
1.006	14.657			
8/17/2016 8:15:00 PM	598500.000	126.722	20.340	288.838
16206.075	17789.420	10.623	12096.807	61.705
1.006	14.659			
8/17/2016 8:30:00 PM	599400.000	126.721	20.337	288.836
16202.550	17786.689	10.621	12094.950	61.719
1.006	14.664			
8/17/2016 8:45:00 PM	600300.000	126.725	20.338	288.845
16204.047	17788.072	10.622	12095.890	61.713
1.006	14.666			
8/17/2016 9:00:00 PM	601200.000	126.720	20.341	288.834
16208.712	17791.791	10.625	12098.418	61.695
1.006	14.667			
8/17/2016 9:15:00 PM	602100.000	126.728	20.345	288.852
16207.487	17789.051	10.623	12096.556	61.700
1.006	14.663			
8/17/2016 9:30:00 PM	603000.000	126.733	20.340	288.864
16199.429	17782.090	10.618	12091.821	61.731
1.006	14.667			
8/17/2016 9:45:00 PM	603900.000	126.736	20.343	288.871
16205.342	17787.699	10.622	12095.637	61.708
1.006	14.668			
8/17/2016 10:00:00 PM	604800.000	126.735	20.343	288.868
16211.237	17793.881	10.626	12099.839	61.686
1.006	14.668			
8/17/2016 10:15:00 PM	605700.000	126.751	20.342	288.904
16207.752	17790.672	10.624	12097.658	61.699
1.006	14.659			
8/17/2016 10:30:00 PM	606600.000	126.759	20.337	288.922
16208.186	17793.004	10.625	12099.244	61.697
1.006	14.662			
8/17/2016 10:45:00 PM	607500.000	126.757	20.346	288.917
16208.469	17789.670	10.623	12096.977	61.696
1.006	14.669			
8/17/2016 11:00:00 PM	608400.000	126.762	20.345	288.929
16207.874	17789.475	10.623	12096.844	61.698
1.006	14.665			
8/17/2016 11:15:00 PM	609300.000	126.751	20.343	288.905
16201.608	17783.508	10.619	12092.786	61.722
1.006	14.666			
8/17/2016 11:30:00 PM	610200.000	126.759	20.345	288.924

16202.663	17783.918	10.619	12093.065	61.718
1.006	14.663			
8/17/2016 11:45:00 PM	611100.000	126.764	20.341	288.935
16200.564	17782.910	10.619	12092.380	61.726
1.006	14.668			

Report Date: 8/19/2016 12:31:00 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-8M_2016-08-18_15-44-25-768.wsl
Create Date: 8/18/2016 3:44:20 PM

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
 1/14/2016 12:49:16 PM Log Download - Used Battery: 12% Used Memory: 21% User Name: KMakar Interval -
 Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 12:45:00 PM
 1/21/2016 8:58:14 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar Interval -
 Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:00:00 AM
 1/28/2016 9:21:10 AM Log Download - Used Battery: 13% Used Memory: 23% User Name: KMakar Interval -
 Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:15:00 AM
 2/4/2016 10:15:59 AM Log Download - Used Battery: 13% Used Memory: 25% User Name: CShaw Interval -
 Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM
 2/11/2016 10:04:20 AM Log Download - Used Battery: 13% Used Memory: 25% User Name: CShaw Interval -
 Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:00:00 AM
 2/18/2016 11:23:58 AM Log Download - Used Battery: 14% Used Memory: 26% User Name: CShaw Interval -
 Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
 2/25/2016 10:50:20 AM Log Download - Used Battery: 14% Used Memory: 26% User Name: KMakar Interval -
 Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:45:00 AM
 3/3/2016 12:53:04 PM Log Download - Used Battery: 15% Used Memory: 28% User Name: SKuiper Interval -
 Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
 3/10/2016 2:38:23 PM Log Download - Used Battery: 15% Used Memory: 28% User Name: KMakar Interval -
 Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:30:00 PM
 3/17/2016 12:36:21 PM Log Download - Used Battery: 15% Used Memory: 29% User Name: SKuiper Interval -
 Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 1:30:00 PM
 3/24/2016 8:59:08 AM Log Download - Used Battery: 16% Used Memory: 29% User Name: KMakar Interval -
 Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM
 3/31/2016 3:10:47 PM Log Download - Used Battery: 16% Used Memory: 31% User Name: SKuiper Interval -
 Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 4:00:00 PM
 4/7/2016 9:38:19 AM Log Download - Used Battery: 16% Used Memory: 31% User Name: KMakar Interval -
 Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:30:00 AM
 4/14/2016 3:14:12 PM Log Download - Used Battery: 17% Used Memory: 32% User Name: SKuiper Interval -
 Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 4:00:00 PM
 4/21/2016 1:25:20 PM Log Download - Used Battery: 17% Used Memory: 34% User Name: ELinden Interval -
 Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:15:00 PM
 4/28/2016 8:22:31 AM Log Download - Used Battery: 17% Used Memory: 34% User Name: KMakar Interval -
 Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 8:15:00 AM
 5/5/2016 9:26:03 AM Log Download - Used Battery: 18% Used Memory: 35% User Name: SKuiper Interval -
 Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:15:00 AM
 5/12/2016 10:14:14 AM Log Download - Used Battery: 18% Used Memory: 35% User Name: SKuiper Interval -
 Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 11:00:00 AM
 5/19/2016 2:03:20 PM Log Download - Used Battery: 19% Used Memory: 37% User Name: ELinden Interval -
 Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:00:00 PM
 5/26/2016 9:04:34 AM Log Download - Used Battery: 19% Used Memory: 37% User Name: SKuiper Interval -
 Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:00:00 AM
 6/2/2016 11:36:47 AM Log Download - Used Battery: 19% Used Memory: 39% User Name: SKuiper Interval -
 Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:30:00 AM
 6/9/2016 9:33:06 AM Log Download - Used Battery: 20% Used Memory: 39% User Name: CShaw Interval - Start
 Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:30:00 AM

6/16/2016 11:12:55 AM Log Download - Used Battery: 20% Used Memory: 40% User Name: SKuiper Interval -
 Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 12:00:00 PM
 6/23/2016 10:08:20 AM Log Download - Used Battery: 20% Used Memory: 40% User Name: SKuiper Interval -
 Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 10:00:00 AM
 7/1/2016 11:46:26 AM Log Download - Used Battery: 21% Used Memory: 42% User Name: SKuiper Interval -
 Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
 7/8/2016 11:52:38 AM Log Download - Used Battery: 21% Used Memory: 42% User Name: SKuiper Interval -
 Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
 7/14/2016 6:02:55 PM Log Download - Used Battery: 22% Used Memory: 43% User Name: ELinden Interval -
 Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
 7/21/2016 11:10:19 AM Log Download - Used Battery: 22% Used Memory: 43% User Name: SKuiper Interval -
 Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 12:00:00 PM
 7/28/2016 6:16:04 PM Log Download - Used Battery: 22% Used Memory: 45% User Name: SKuiper Interval -
 Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
 8/4/2016 2:57:06 PM Log Download - Used Battery: 23% Used Memory: 45% User Name: SKuiper Interval -
 Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:45:00 PM
 8/11/2016 10:47:29 AM Log Download - Used Battery: 23% Used Memory: 46% User Name: ELinden Interval -
 Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
 8/18/2016 3:42:58 PM Log Download - Used Battery: 23% Used Memory: 46% User Name: SKuiper Interval -
 Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:30:00 PM

Log Data:

Record Count: 743

Sensors: 1

1 - 410757: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Actual Conductivity (µS)	Specific Conductivity (µS)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)
Resistivity (ohm-cm)	Water Density (g/cm3)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity (ohm-cm)	Water Density (g/cm3)
8/11/2016 12:00:00 AM	7200.000	69.150	17.351	40288.504	47181.879
1.022		32.084	30.870		24.821
8/11/2016 12:15:00 AM	8100.000	69.150	17.351	40232.125	47115.301
1.022		32.038	30.821		24.856
8/11/2016 12:30:00 AM	9000.000	69.140	17.354	40284.473	47173.746
1.022		32.078	30.864		24.823
8/11/2016 12:45:00 AM	9900.000	69.139	17.354	40291.629	47182.301
1.022		32.084	30.870		24.819
8/11/2016 1:00:00 AM	10800.000	69.137	17.354		
					155.737

40233.949	47114.953	32.038	30.821	24.855
1.022				
8/11/2016 1:15:00 AM	11700.000	69.128	17.356	155.717
40252.531	47134.492	32.051	30.836	24.843
1.022				
8/11/2016 1:30:00 AM	12600.000	69.110	17.354	155.678
40272.156	47159.227	32.068	30.854	24.831
1.022				
8/11/2016 1:45:00 AM	13500.000	69.122	17.354	155.703
40237.219	47117.945	32.040	30.824	24.853
1.022				
8/11/2016 2:00:00 AM	14400.000	69.114	17.356	155.685
40232.531	47110.801	32.035	30.818	24.856
1.022				
8/11/2016 2:15:00 AM	15300.000	69.114	17.354	155.685
40306.809	47199.625	32.096	30.883	24.810
1.022				
8/11/2016 2:30:00 AM	16200.000	69.107	17.353	155.670
40275.766	47164.844	32.072	30.858	24.829
1.022				
8/11/2016 2:45:00 AM	17100.000	69.106	17.353	155.667
40239.535	47121.945	32.043	30.826	24.851
1.022				
8/11/2016 3:00:00 AM	18000.000	69.106	17.355	155.668
40329.063	47224.566	32.113	30.901	24.796
1.022				
8/11/2016 3:15:00 AM	18900.000	69.089	17.345	155.630
40270.422	47166.531	32.073	30.858	24.832
1.022				
8/11/2016 3:30:00 AM	19800.000	69.104	17.352	155.662
40241.477	47125.883	32.046	30.829	24.850
1.022				
8/11/2016 3:45:00 AM	20700.000	69.101	17.350	155.657
40216.207	47097.582	32.026	30.809	24.866
1.022				
8/11/2016 4:00:00 AM	21600.000	69.099	17.351	155.651
40278.320	47169.574	32.075	30.861	24.827
1.022				
8/11/2016 4:15:00 AM	22500.000	69.086	17.354	155.622
40272.664	47160.289	32.069	30.854	24.831
1.022				
8/11/2016 4:30:00 AM	23400.000	69.090	17.348	155.632
40296.684	47194.320	32.092	30.879	24.816
1.022				
8/11/2016 4:45:00 AM	24300.000	69.104	17.353	155.662
40272.953	47160.813	32.069	30.855	24.831
1.022				
8/11/2016 5:00:00 AM	25200.000	69.104	17.355	155.664
40272.988	47158.902	32.068	30.853	24.831
1.022				
8/11/2016 5:15:00 AM	26100.000	69.107	17.356	155.670
40223.676	47100.797	32.029	30.811	24.861
1.022				
8/11/2016 5:30:00 AM	27000.000	69.109	17.357	155.674
40289.043	47176.313	32.080	30.866	24.821

1.022				
8/11/2016 5:45:00 AM	27900.000	69.111	17.356	155.679
40259.543	47142.520	32.057	30.842	24.839
1.022				
8/11/2016 6:00:00 AM	28800.000	69.113	17.348	155.684
40240.047	47128.355	32.047	30.831	24.851
1.022				
8/11/2016 6:15:00 AM	29700.000	69.110	17.353	155.676
40235.094	47116.660	32.039	30.823	24.854
1.022				
8/11/2016 6:30:00 AM	30600.000	69.113	17.353	155.684
40228.453	47108.789	32.034	30.817	24.858
1.022				
8/11/2016 6:45:00 AM	31500.000	69.112	17.352	155.682
40211.828	47090.332	32.021	30.803	24.868
1.022				
8/11/2016 7:00:00 AM	32400.000	69.111	17.354	155.678
40280.527	47169.129	32.075	30.861	24.826
1.022				
8/11/2016 7:15:00 AM	33300.000	69.112	17.354	155.682
40212.758	47089.941	32.021	30.803	24.868
1.022				
8/11/2016 7:30:00 AM	34200.000	69.114	17.351	155.686
40180.609	47055.148	31.998	30.778	24.888
1.022				
8/11/2016 7:45:00 AM	35100.000	69.113	17.350	155.684
40180.230	47056.277	31.998	30.778	24.888
1.022				
8/11/2016 8:00:00 AM	36000.000	69.112	17.352	155.682
40249.988	47135.672	32.052	30.836	24.845
1.022				
8/11/2016 8:15:00 AM	36900.000	69.111	17.352	155.680
40239.137	47122.684	32.043	30.827	24.851
1.022				
8/11/2016 8:30:00 AM	37800.000	69.114	17.354	155.685
40200.926	47075.637	32.011	30.793	24.875
1.022				
8/11/2016 8:45:00 AM	38700.000	69.109	17.351	155.674
40237.145	47121.461	32.043	30.826	24.853
1.022				
8/11/2016 9:00:00 AM	39600.000	69.113	17.356	155.684
40189.008	47059.746	32.001	30.781	24.882
1.022				
8/11/2016 9:15:00 AM	40500.000	69.107	17.353	155.671
40246.203	47129.484	32.048	30.832	24.847
1.022				
8/11/2016 9:30:00 AM	41400.000	69.093	17.353	155.639
40288.148	47178.605	32.081	30.868	24.821
1.022				
8/11/2016 9:45:00 AM	42300.000	69.107	17.348	155.671
40303.141	47201.984	32.097	30.884	24.812
1.022				
8/11/2016 10:00:00 AM	43200.000	69.102	17.350	155.660
40344.742	47248.863	32.129	30.919	24.786
1.022				

8/11/2016 10:15:00 AM 40294.008 1.022	44100.000 47184.445	69.088 32.085	17.354 30.872	155.628 24.818
8/11/2016 10:30:00 AM 40278.566 1.022	45000.000 47166.645	69.102 32.073	17.354 30.859	155.658 24.827
8/11/2016 10:45:00 AM 40339.691 1.022	45900.000 47245.059	69.087 32.127	17.348 30.916	155.625 24.789
8/11/2016 11:00:00 AM 40273.492 1.022	46800.000 47160.340	69.101 32.069	17.354 30.854	155.656 24.830
8/11/2016 11:15:00 AM 40257.219 1.022	47700.000 47136.852	69.099 32.053	17.359 30.838	155.653 24.840
8/11/2016 11:30:00 AM 40201.742 1.022	48600.000 47077.508	69.097 32.013	17.353 30.794	155.647 24.875
8/11/2016 11:45:00 AM 40245.543 1.022	49500.000 47129.086	69.093 32.048	17.353 30.832	155.639 24.847
8/11/2016 12:00:00 PM 40288.379 1.022	50400.000 47173.797	69.098 32.078	17.358 30.865	155.649 24.821
8/11/2016 12:15:00 PM 40296.637 1.022	51300.000 47187.340	69.097 32.087	17.355 30.874	155.648 24.816
8/11/2016 12:30:00 PM 40319.145 1.022	52200.000 47212.133	69.080 32.104	17.356 30.892	155.610 24.802
8/11/2016 12:45:00 PM 40273.336 1.022	53100.000 47159.313	69.093 32.068	17.355 30.854	155.638 24.830
8/11/2016 1:00:00 PM 40280.285 1.022	54000.000 47164.320	69.092 32.072	17.358 30.858	155.636 24.826
8/11/2016 1:15:00 PM 40304.281 1.022	54900.000 47195.090	69.099 32.093	17.356 30.880	155.651 24.811
8/11/2016 1:30:00 PM 40304.090 1.022	55800.000 47193.293	69.095 32.091	17.357 30.879	155.643 24.811
8/11/2016 1:45:00 PM 40306.379 1.022	56700.000 47201.430	69.097 32.097	17.352 30.884	155.648 24.810
8/11/2016 2:00:00 PM 40293.000 1.022	57600.000 47184.102	69.097 32.085	17.354 30.872	155.648 24.818
8/11/2016 2:15:00 PM 40340.129 1.022	58500.000 47238.922	69.098 32.122	17.354 30.912	155.649 24.789
8/11/2016 2:30:00 PM 40268.984 1.022	59400.000 47158.281	69.101 32.068	17.351 30.853	155.656 24.833
8/11/2016 2:45:00 PM	60300.000	69.103	17.357	155.662

40379.227	47281.914	32.152	30.943	24.765
1.022				
8/11/2016 3:00:00 PM	61200.000	69.107	17.354	155.670
40345.660	47245.664	32.127	30.917	24.786
1.022				
8/11/2016 3:15:00 PM	62100.000	69.100	17.356	155.654
40323.586	47216.953	32.108	30.896	24.799
1.022				
8/11/2016 3:30:00 PM	63000.000	69.115	17.357	155.688
40311.094	47202.133	32.097	30.885	24.807
1.022				
8/11/2016 3:45:00 PM	63900.000	69.117	17.355	155.694
40305.648	47197.148	32.094	30.881	24.810
1.022				
8/11/2016 4:00:00 PM	64800.000	69.123	17.353	155.707
40271.117	47158.926	32.068	30.853	24.832
1.022				
8/11/2016 4:15:00 PM	65700.000	69.125	17.358	155.712
40313.480	47203.270	32.098	30.886	24.806
1.022				
8/11/2016 4:30:00 PM	66600.000	69.134	17.359	155.730
40336.520	47229.609	32.116	30.905	24.791
1.022				
8/11/2016 4:45:00 PM	67500.000	69.121	17.353	155.702
40375.754	47281.938	32.152	30.943	24.767
1.022				
8/11/2016 5:00:00 PM	68400.000	69.145	17.353	155.755
40259.160	47144.555	32.058	30.843	24.839
1.022				
8/11/2016 5:15:00 PM	69300.000	69.147	17.352	155.761
40313.809	47210.211	32.103	30.891	24.805
1.022				
8/11/2016 5:30:00 PM	70200.000	69.140	17.353	155.744
40350.082	47251.688	32.131	30.921	24.783
1.022				
8/11/2016 5:45:00 PM	71100.000	69.142	17.355	155.749
40310.527	47202.965	32.098	30.886	24.807
1.022				
8/11/2016 6:00:00 PM	72000.000	69.163	17.353	155.797
40292.113	47183.621	32.085	30.871	24.819
1.022				
8/11/2016 6:15:00 PM	72900.000	69.152	17.354	155.771
40299.703	47191.031	32.090	30.877	24.814
1.022				
8/11/2016 6:30:00 PM	73800.000	69.157	17.355	155.782
40240.227	47120.270	32.042	30.825	24.851
1.022				
8/11/2016 6:45:00 PM	74700.000	69.169	17.357	155.810
40296.809	47184.867	32.086	30.873	24.816
1.022				
8/11/2016 7:00:00 PM	75600.000	69.180	17.357	155.835
40269.832	47153.648	32.064	30.850	24.832
1.022				
8/11/2016 7:15:00 PM	76500.000	69.182	17.359	155.838
40294.059	47179.156	32.082	30.868	24.818

1.022				
8/11/2016 7:30:00 PM	77400.000	69.184	17.359	155.844
40289.492	47174.457	32.079	30.865	24.820
1.022				
8/11/2016 7:45:00 PM	78300.000	69.186	17.354	155.849
40239.414	47120.883	32.042	30.826	24.851
1.022				
8/11/2016 8:00:00 PM	79200.000	69.189	17.356	155.854
40275.766	47161.055	32.070	30.855	24.829
1.022				
8/11/2016 8:15:00 PM	80100.000	69.187	17.355	155.850
40260.676	47144.770	32.058	30.843	24.838
1.022				
8/11/2016 8:30:00 PM	81000.000	69.187	17.356	155.852
40335.660	47231.559	32.117	30.906	24.792
1.022				
8/11/2016 8:45:00 PM	81900.000	69.189	17.354	155.855
40273.648	47161.070	32.070	30.855	24.830
1.022				
8/11/2016 9:00:00 PM	82800.000	69.191	17.357	155.860
40319.828	47211.359	32.104	30.892	24.802
1.022				
8/11/2016 9:15:00 PM	83700.000	69.189	17.353	155.856
40330.680	47228.500	32.115	30.904	24.795
1.022				
8/11/2016 9:30:00 PM	84600.000	69.186	17.357	155.847
40213.316	47087.293	32.019	30.801	24.867
1.022				
8/11/2016 9:45:00 PM	85500.000	69.184	17.356	155.843
40400.387	47307.723	32.169	30.962	24.752
1.022				
8/11/2016 10:00:00 PM	86400.000	69.179	17.357	155.832
40287.301	47174.191	32.078	30.865	24.822
1.022				
8/11/2016 10:15:00 PM	87300.000	69.174	17.358	155.821
40265.793	47147.430	32.060	30.845	24.835
1.022				
8/11/2016 10:30:00 PM	88200.000	69.168	17.356	155.807
40237.816	47116.988	32.040	30.823	24.852
1.022				
8/11/2016 10:45:00 PM	89100.000	69.166	17.360	155.803
40353.449	47248.512	32.129	30.919	24.781
1.022				
8/11/2016 11:00:00 PM	90000.000	69.158	17.355	155.786
40346.398	47245.055	32.127	30.916	24.785
1.022				
8/11/2016 11:15:00 PM	90900.000	69.152	17.351	155.772
40306.957	47203.402	32.098	30.886	24.810
1.022				
8/11/2016 11:30:00 PM	91800.000	69.152	17.356	155.771
40275.965	47161.375	32.070	30.855	24.829
1.022				
8/11/2016 11:45:00 PM	92700.000	69.142	17.351	155.748
40241.102	47125.625	32.045	30.829	24.850
1.022				

8/12/2016 12:00:00 AM 40294.137 1.022	93600.000 47182.652	69.137 32.084	17.356 30.871	155.739 24.818
8/12/2016 12:15:00 AM 40371.246 1.022	94500.000 47273.691	69.128 32.146	17.355 30.937	155.717 24.770
8/12/2016 12:30:00 AM 40295.414 1.022	95400.000 47187.754	69.110 32.088	17.353 30.874	155.676 24.817
8/12/2016 12:45:00 AM 40296.453 1.022	96300.000 47185.559	69.117 32.086	17.356 30.873	155.694 24.816
8/12/2016 1:00:00 AM 40302.301 1.022	97200.000 47198.039	69.111 32.095	17.351 30.882	155.679 24.812
8/12/2016 1:15:00 AM 40271.438 1.022	98100.000 47156.629	69.104 32.067	17.356 30.852	155.662 24.831
8/12/2016 1:30:00 AM 40313.297 1.022	99000.000 47204.445	69.083 32.099	17.357 30.887	155.617 24.806
8/12/2016 1:45:00 AM 40253.336 1.022	99900.000 47135.250	69.090 32.052	17.356 30.836	155.632 24.843
8/12/2016 2:00:00 AM 40316.656 1.022	100800.000 47206.719	69.085 32.101	17.358 30.889	155.620 24.804
8/12/2016 2:15:00 AM 40285.059 1.022	101700.000 47169.988	69.080 32.076	17.358 30.862	155.610 24.823
8/12/2016 2:30:00 AM 40233.703 1.022	102600.000 47111.512	69.061 32.036	17.357 30.819	155.567 24.855
8/12/2016 2:45:00 AM 40283.734 1.022	103500.000 47170.098	69.074 32.076	17.357 30.862	155.595 24.824
8/12/2016 3:00:00 AM 40370.953 1.022	104400.000 47278.898	69.070 32.150	17.350 30.941	155.586 24.770
8/12/2016 3:15:00 AM 40305.215 1.022	105300.000 47198.484	69.065 32.095	17.353 30.882	155.575 24.811
8/12/2016 3:30:00 AM 40316.867 1.022	106200.000 47207.430	69.066 32.101	17.358 30.889	155.579 24.804
8/12/2016 3:45:00 AM 40330.512 1.022	107100.000 47226.184	69.063 32.114	17.355 30.903	155.572 24.795
8/12/2016 4:00:00 AM 40287.855 1.022	108000.000 47176.313	69.063 32.080	17.355 30.866	155.572 24.821
8/12/2016 4:15:00 AM 40284.129 1.022	108900.000 47169.559	69.060 32.075	17.357 30.861	155.564 24.824
8/12/2016 4:30:00 AM	109800.000	69.056	17.354	155.555

40271.215	47157.945	32.067	30.853	24.832
1.022				
8/12/2016 4:45:00 AM	110700.000	69.043	17.353	155.527
40273.539	47161.867	32.070	30.856	24.830
1.022				
8/12/2016 5:00:00 AM	111600.000	69.059	17.355	155.563
40295.145	47184.953	32.086	30.872	24.817
1.022				
8/12/2016 5:15:00 AM	112500.000	69.060	17.357	155.564
40248.016	47128.008	32.047	30.831	24.846
1.022				
8/12/2016 5:30:00 AM	113400.000	69.060	17.355	155.564
40310.488	47203.188	32.098	30.886	24.807
1.022				
8/12/2016 5:45:00 AM	114300.000	69.046	17.356	155.533
40248.234	47129.371	32.048	30.832	24.846
1.022				
8/12/2016 6:00:00 AM	115200.000	69.061	17.356	155.566
40315.512	47207.500	32.101	30.889	24.804
1.022				
8/12/2016 6:15:00 AM	116100.000	69.061	17.354	155.567
40292.254	47182.945	32.084	30.871	24.819
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8/12/2016 6:30:00 AM	117000.000	69.072	17.359	155.591
40310.211	47198.070	32.095	30.882	24.808
1.022				
8/12/2016 6:45:00 AM	117900.000	69.070	17.355	155.588
40308.352	47200.418	32.096	30.884	24.809
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8/12/2016 7:00:00 AM	118800.000	69.075	17.353	155.598
40351.969	47253.523	32.132	30.922	24.782
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8/12/2016 7:15:00 AM	119700.000	69.079	17.357	155.606
40353.785	47251.672	32.131	30.921	24.781
1.022				
8/12/2016 7:30:00 AM	120600.000	69.079	17.354	155.608
40300.906	47192.621	32.091	30.878	24.813
1.022				
8/12/2016 7:45:00 AM	121500.000	69.080	17.355	155.609
40370.109	47273.109	32.146	30.937	24.771
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8/12/2016 8:00:00 AM	122400.000	69.084	17.358	155.618
40354.477	47251.836	32.131	30.921	24.780
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8/12/2016 8:15:00 AM	123300.000	69.074	17.354	155.596
40245.043	47127.836	32.047	30.831	24.848
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8/12/2016 8:30:00 AM	124200.000	69.092	17.354	155.636
40252.188	47135.664	32.052	30.836	24.843
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8/12/2016 8:45:00 AM	125100.000	69.078	17.354	155.606
40357.336	47259.246	32.136	30.927	24.779
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8/12/2016 9:00:00 AM	126000.000	69.094	17.355	155.641
40300.637	47191.383	32.090	30.877	24.814

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8/12/2016 9:15:00 AM	126900.000	69.095	17.359	155.643
40327.703	47218.551	32.109	30.897	24.797
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8/12/2016 9:30:00 AM	127800.000	69.097	17.354	155.648
40313.293	47207.867	32.101	30.889	24.806
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40205.258	47079.781	32.014	30.796	24.872
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8/12/2016 10:00:00 AM	129600.000	69.099	17.356	155.652
40307.309	47198.547	32.095	30.882	24.809
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8/12/2016 10:30:00 AM	131400.000	69.102	17.356	155.659
40238.020	47117.500	32.040	30.823	24.852
1.022				
8/12/2016 10:45:00 AM	132300.000	69.086	17.357	155.622
40286.879	47173.055	32.078	30.864	24.822
1.022				
8/12/2016 11:00:00 AM	133200.000	69.100	17.353	155.655
40316.750	47212.840	32.105	30.893	24.804
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40292.441	47182.801	32.084	30.871	24.819
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40285.309	47172.047	32.077	30.863	24.823
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40295.105	47187.391	32.087	30.874	24.817
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40272.195	47157.156	32.067	30.852	24.831
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8/12/2016 12:45:00 PM	139500.000	69.106	17.350	155.667
40236.555	47121.504	32.043	30.826	24.853
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8/12/2016 2:00:00 PM 40219.191 1.022	144000.000 47102.004	69.108 32.029	17.349 30.812	155.673 24.864
8/12/2016 2:15:00 PM 40270.738 1.022	144900.000 47160.246	69.106 32.069	17.351 30.854	155.669 24.832
8/12/2016 2:30:00 PM 40281.758 1.022	145800.000 47167.242	69.113 32.074	17.357 30.860	155.683 24.825
8/12/2016 2:45:00 PM 40293.332 1.022	146700.000 47186.793	69.113 32.087	17.351 30.874	155.684 24.818
8/12/2016 3:00:00 PM 40309.422 1.022	147600.000 47201.938	69.117 32.097	17.355 30.885	155.694 24.808
8/12/2016 3:15:00 PM 40287.902 1.022	148500.000 47179.609	69.105 32.082	17.352 30.868	155.666 24.821
8/12/2016 3:30:00 PM 40265.832 1.022	149400.000 47152.738	69.123 32.064	17.353 30.849	155.706 24.835
8/12/2016 3:45:00 PM 40285.488 1.022	150300.000 47172.070	69.115 32.077	17.357 30.863	155.689 24.823
8/12/2016 4:00:00 PM 40241.125 1.022	151200.000 47120.121	69.130 32.042	17.357 30.825	155.722 24.850
8/12/2016 4:15:00 PM 40244.379 1.022	152100.000 47130.945	69.141 32.049	17.350 30.833	155.748 24.848
8/12/2016 4:30:00 PM 40320.801 1.022	153000.000 47217.770	69.133 32.108	17.353 30.896	155.728 24.801
8/12/2016 4:45:00 PM 40265.504 1.022	153900.000 47148.578	69.152 32.061	17.357 30.846	155.771 24.835
8/12/2016 5:00:00 PM 40334.184 1.022	154800.000 47229.547	69.157 32.116	17.356 30.905	155.784 24.793
8/12/2016 5:15:00 PM 40195.734 1.022	155700.000 47073.793	69.165 32.010	17.350 30.791	155.800 24.878
8/12/2016 5:30:00 PM 40278.785 1.022	156600.000 47168.195	69.170 32.074	17.353 30.860	155.812 24.827
8/12/2016 5:45:00 PM 40342.008 1.022	157500.000 47242.691	69.176 32.125	17.352 30.914	155.825 24.788
8/12/2016 6:00:00 PM 40273.930 1.022	158400.000 47160.750	69.184 32.069	17.355 30.855	155.844 24.830
8/12/2016 6:15:00 PM	159300.000	69.187	17.360	155.851

40289.684	47173.934	32.078	30.865	24.820
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40331.277	47222.633	32.111	30.900	24.795
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8/12/2016 6:45:00 PM	161100.000	69.202	17.357	155.885
40311.984	47202.828	32.098	30.886	24.807
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40324.668	47214.629	32.106	30.894	24.799
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8/12/2016 7:15:00 PM	162900.000	69.209	17.357	155.901
40297.348	47185.770	32.086	30.873	24.816
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40284.734	47173.777	32.078	30.864	24.823
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40294.992	47182.930	32.084	30.871	24.817
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8/12/2016 8:00:00 PM	165600.000	69.224	17.353	155.934
40247.988	47132.398	32.050	30.834	24.846
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40274.586	47163.281	32.071	30.857	24.830
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40300.762	47191.613	32.090	30.877	24.813
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40286.633	47173.965	32.078	30.865	24.822
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40376.109	47278.738	32.150	30.941	24.767
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40369.395	47270.691	32.144	30.935	24.771
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40342.133	47234.891	32.120	30.909	24.788
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40290.527	47177.328	32.081	30.867	24.820
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40353.559	47254.824	32.133	30.923	24.781
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40241.289	47126.496	32.046	30.830	24.850
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40297.930	47188.031	32.088	30.875	24.815
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40343.074	47238.301	32.122	30.912	24.787

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8/12/2016 11:00:00 PM	176400.000	69.215	17.355	155.913
40363.207	47264.363	32.140	30.930	24.775
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40301.656	47191.457	32.090	30.877	24.813
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8/12/2016 11:30:00 PM	178200.000	69.201	17.353	155.881
40291.219	47182.289	32.084	30.870	24.819
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40345.832	47245.324	32.127	30.916	24.786
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8/13/2016 12:00:00 AM	180000.000	69.190	17.355	155.857
40303.035	47194.191	32.092	30.879	24.812
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8/13/2016 12:15:00 AM	180900.000	69.186	17.353	155.847
40250.762	47135.379	32.052	30.836	24.844
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40267.566	47158.746	32.068	30.853	24.834
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40254.953	47143.145	32.057	30.842	24.842
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40331.629	47233.031	32.118	30.907	24.794
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40245.090	47127.258	32.047	30.830	24.848
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40213.633	47086.734	32.019	30.801	24.867
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8/13/2016 2:00:00 AM	187200.000	69.129	17.355	155.720
40260.242	47143.793	32.058	30.842	24.838
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8/13/2016 2:15:00 AM	188100.000	69.124	17.359	155.710
40357.918	47254.480	32.133	30.923	24.778
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8/13/2016 2:30:00 AM	189000.000	69.115	17.352	155.688
40282.094	47173.270	32.078	30.864	24.825
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40342.723	47241.410	32.124	30.914	24.788
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8/13/2016 3:00:00 AM	190800.000	69.090	17.352	155.632
40203.410	47080.387	32.015	30.796	24.874
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40243.184	47125.211	32.045	30.829	24.849
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8/13/2016 3:30:00 AM 40299.113 1.022	192600.000 47192.547	69.083 32.091	17.352 30.878	155.615 24.814
8/13/2016 3:45:00 AM 40251.129 1.022	193500.000 47131.469	69.090 32.049	17.357 30.834	155.633 24.844
8/13/2016 4:00:00 AM 40343.598 1.022	194400.000 47245.656	69.090 32.127	17.351 30.917	155.632 24.787
8/13/2016 4:15:00 AM 40288.090 1.022	195300.000 47170.688	69.088 32.076	17.361 30.862	155.628 24.821
8/13/2016 4:30:00 AM 40193.508 1.022	196200.000 47068.148	69.082 32.006	17.353 30.787	155.614 24.880
8/13/2016 4:45:00 AM 40271.578 1.022	197100.000 47154.398	69.079 32.065	17.358 30.850	155.607 24.831
8/13/2016 5:00:00 AM 40380.547 1.022	198000.000 47280.691	69.083 32.151	17.359 30.943	155.617 24.764
8/13/2016 5:15:00 AM 40328.555 1.022	198900.000 47226.938	69.079 32.114	17.352 30.903	155.607 24.796
8/13/2016 5:30:00 AM 40262.023 1.022	199800.000 47144.867	69.081 32.059	17.356 30.843	155.611 24.837
8/13/2016 5:45:00 AM 40202.070 1.022	200700.000 47078.441	69.078 32.013	17.353 30.795	155.605 24.874
8/13/2016 6:00:00 AM 40246.934 1.022	201600.000 47130.051	69.084 32.048	17.354 30.832	155.618 24.847
8/13/2016 6:15:00 AM 40282.605 1.022	202500.000 47167.406	69.083 32.074	17.358 30.860	155.617 24.825
8/13/2016 6:30:00 AM 40314.082 1.022	203400.000 47207.023	69.085 32.101	17.355 30.889	155.620 24.805
8/13/2016 6:45:00 AM 40261.883 1.022	204300.000 47145.078	69.090 32.059	17.356 30.843	155.633 24.837
8/13/2016 7:00:00 AM 40292.566 1.022	205200.000 47186.727	69.092 32.087	17.351 30.874	155.637 24.818
8/13/2016 7:15:00 AM 40205.898 1.022	206100.000 47080.988	69.075 32.015	17.355 30.797	155.598 24.872
8/13/2016 7:30:00 AM 40222.563 1.022	207000.000 47100.332	69.095 32.028	17.355 30.811	155.644 24.862
8/13/2016 7:45:00 AM 40238.633 1.022	207900.000 47119.793	69.102 32.041	17.354 30.825	155.660 24.852
8/13/2016 8:00:00 AM	208800.000	69.106	17.356	155.669

40319.402	47212.891	32.105	30.893	24.802
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40314.559	47212.586	32.105	30.892	24.805
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40328.438	47228.645	32.115	30.904	24.796
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8/13/2016 9:00:00 AM	212400.000	69.123	17.353	155.707
40287.961	47179.207	32.082	30.868	24.821
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8/13/2016 9:15:00 AM	213300.000	69.121	17.357	155.702
40222.191	47097.863	32.027	30.809	24.862
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8/13/2016 9:30:00 AM	214200.000	69.110	17.351	155.678
40192.027	47068.520	32.007	30.787	24.881
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40274.242	47160.656	32.069	30.855	24.830
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8/13/2016 10:00:00 AM	216000.000	69.131	17.354	155.725
40232.270	47112.617	32.037	30.820	24.856
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40192.488	47061.977	32.002	30.783	24.880
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8/13/2016 10:30:00 AM	217800.000	69.133	17.355	155.729
40297.328	47187.512	32.088	30.874	24.816
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40321.098	47221.250	32.110	30.899	24.801
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8/13/2016 11:00:00 AM	219600.000	69.139	17.355	155.742
40269.102	47154.168	32.065	30.850	24.833
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40370.238	47271.039	32.144	30.935	24.771
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40231.000	47109.734	32.035	30.818	24.856
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8/13/2016 11:45:00 AM	222300.000	69.141	17.355	155.748
40314.836	47207.906	32.101	30.889	24.805
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8/13/2016 12:00:00 PM	223200.000	69.128	17.349	155.718
40259.754	47149.781	32.062	30.846	24.839
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40201.645	47073.523	32.010	30.791	24.875
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8/13/2016 12:30:00 PM	225000.000	69.141	17.353	155.748
40260.383	47146.355	32.060	30.844	24.838

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40290.160	47179.941	32.082	30.869	24.820
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40283.402	47168.613	32.075	30.861	24.824
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8/13/2016 1:15:00 PM	227700.000	69.145	17.354	155.755
40215.695	47093.578	32.024	30.806	24.866
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8/13/2016 1:30:00 PM	228600.000	69.147	17.349	155.761
40219.418	47103.086	32.030	30.812	24.864
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8/13/2016 1:45:00 PM	229500.000	69.149	17.356	155.765
40235.336	47113.898	32.037	30.821	24.854
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8/13/2016 2:00:00 PM	230400.000	69.132	17.355	155.727
40295.172	47185.066	32.086	30.873	24.817
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8/13/2016 2:15:00 PM	231300.000	69.150	17.356	155.767
40260.543	47143.512	32.058	30.842	24.838
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40320.203	47217.070	32.108	30.896	24.801
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40308.902	47203.648	32.098	30.886	24.808
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8/13/2016 3:00:00 PM	234000.000	69.153	17.353	155.773
40227.301	47107.535	32.033	30.816	24.859
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8/13/2016 3:15:00 PM	234900.000	69.154	17.351	155.776
40263.895	47152.680	32.064	30.849	24.836
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8/13/2016 3:30:00 PM	235800.000	69.155	17.352	155.779
40195.770	47072.082	32.009	30.790	24.878
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8/13/2016 3:45:00 PM	236700.000	69.159	17.356	155.786
40294.441	47183.203	32.085	30.871	24.817
1.022				
8/13/2016 4:00:00 PM	237600.000	69.165	17.351	155.800
40336.414	47237.527	32.122	30.911	24.791
1.022				
8/13/2016 4:15:00 PM	238500.000	69.168	17.348	155.807
40241.164	47129.113	32.048	30.831	24.850
1.022				
8/13/2016 4:30:00 PM	239400.000	69.176	17.354	155.825
40326.582	47222.508	32.111	30.900	24.798
1.022				
8/13/2016 4:45:00 PM	240300.000	69.179	17.355	155.833
40283.480	47171.191	32.076	30.862	24.824
1.022				
8/13/2016 5:00:00 PM	241200.000	69.186	17.352	155.849
40218.488	47098.582	32.027	30.809	24.864
1.022				

8/13/2016 5:15:00 PM 40298.438 1.022	242100.000 47190.742	69.191 32.090	17.353 30.877	155.859 24.815
8/13/2016 5:30:00 PM 40320.207 1.022	243000.000 47220.023	69.199 32.110	17.350 30.898	155.877 24.801
8/13/2016 5:45:00 PM 40289.770 1.022	243900.000 47181.434	69.204 32.083	17.353 30.870	155.890 24.820
8/13/2016 6:00:00 PM 40201.809 1.022	244800.000 47077.031	69.205 32.012	17.354 30.794	155.892 24.875
8/13/2016 6:15:00 PM 40367.945 1.022	245700.000 47271.395	69.219 32.145	17.354 30.935	155.923 24.772
8/13/2016 6:30:00 PM 40237.168 1.022	246600.000 47112.715	69.225 32.037	17.359 30.820	155.936 24.853
8/13/2016 6:45:00 PM 40360.750 1.022	247500.000 47264.449	69.231 32.140	17.353 30.930	155.950 24.777
8/13/2016 7:00:00 PM 40191.648 1.022	248400.000 47060.535	69.237 32.001	17.358 30.782	155.964 24.881
8/13/2016 7:15:00 PM 40383.805 1.022	249300.000 47291.816	69.230 32.158	17.352 30.950	155.946 24.762
8/13/2016 7:30:00 PM 40293.301 1.022	250200.000 47181.867	69.250 32.084	17.356 30.870	155.992 24.818
8/13/2016 7:45:00 PM 40248.129 1.022	251100.000 47131.742	69.254 32.050	17.353 30.834	156.002 24.846
8/13/2016 8:00:00 PM 40181.180 1.022	252000.000 47055.918	69.263 31.998	17.351 30.778	156.021 24.887
8/13/2016 8:15:00 PM 40222.434 1.022	252900.000 47097.039	69.267 32.026	17.358 30.809	156.031 24.862
8/13/2016 8:30:00 PM 40266.965 1.022	253800.000 47151.852	69.275 32.063	17.355 30.848	156.048 24.834
8/13/2016 8:45:00 PM 40233.688 1.022	254700.000 47111.871	69.277 32.036	17.356 30.819	156.053 24.855
8/13/2016 9:00:00 PM 40322.184 1.022	255600.000 47215.496	69.278 32.107	17.356 30.895	156.056 24.800
8/13/2016 9:15:00 PM 40240.672 1.022	256500.000 47117.832	69.283 32.040	17.358 30.824	156.066 24.850
8/13/2016 9:30:00 PM 40307.563 1.022	257400.000 47201.605	69.281 32.097	17.353 30.884	156.061 24.809
8/13/2016 9:45:00 PM	258300.000	69.287	17.351	156.076

40295.051	47188.805	32.088	30.875	24.817
1.022				
8/13/2016 10:00:00 PM	259200.000	69.283	17.353	156.066
40235.566	47117.586	32.040	30.823	24.854
1.022				
8/13/2016 10:15:00 PM	260100.000	69.286	17.357	156.072
40265.535	47148.438	32.061	30.846	24.835
1.022				
8/13/2016 10:30:00 PM	261000.000	69.281	17.359	156.062
40309.320	47197.578	32.094	30.882	24.808
1.022				
8/13/2016 10:45:00 PM	261900.000	69.281	17.353	156.063
40193.809	47068.688	32.007	30.788	24.879
1.022				
8/13/2016 11:00:00 PM	262800.000	69.264	17.357	156.023
40178.047	47046.172	31.991	30.771	24.889
1.022				
8/13/2016 11:15:00 PM	263700.000	69.275	17.353	156.049
40314.906	47210.762	32.103	30.891	24.805
1.022				
8/13/2016 11:30:00 PM	264600.000	69.270	17.355	156.037
40234.527	47113.867	32.037	30.821	24.854
1.022				
8/13/2016 11:45:00 PM	265500.000	69.263	17.358	156.022
40319.254	47209.762	32.103	30.891	24.802
1.022				
8/14/2016 12:00:00 AM	266400.000	69.258	17.354	156.011
40344.074	47243.074	32.125	30.915	24.787
1.022				
8/14/2016 12:15:00 AM	267300.000	69.249	17.353	155.989
40252.074	47136.254	32.053	30.837	24.843
1.022				
8/14/2016 12:30:00 AM	268200.000	69.243	17.353	155.976
40272.211	47159.941	32.069	30.854	24.831
1.022				
8/14/2016 12:45:00 AM	269100.000	69.236	17.351	155.960
40275.699	47166.609	32.073	30.859	24.829
1.022				
8/14/2016 1:00:00 AM	270000.000	69.211	17.355	155.906
40152.734	47018.090	31.972	30.751	24.905
1.022				
8/14/2016 1:15:00 AM	270900.000	69.222	17.355	155.928
40263.688	47148.383	32.061	30.846	24.836
1.022				
8/14/2016 1:30:00 AM	271800.000	69.209	17.354	155.899
40196.984	47071.473	32.009	30.790	24.877
1.022				
8/14/2016 1:45:00 AM	272700.000	69.200	17.359	155.879
40299.781	47185.859	32.086	30.873	24.814
1.022				
8/14/2016 2:00:00 AM	273600.000	69.190	17.358	155.858
40321.848	47213.172	32.105	30.893	24.800
1.022				
8/14/2016 2:15:00 AM	274500.000	69.185	17.354	155.846
40324.367	47219.914	32.110	30.898	24.799

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8/14/2016 2:30:00 AM	275400.000	69.176	17.356	155.826
40218.629	47094.336	32.024	30.806	24.864
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8/14/2016 2:45:00 AM	276300.000	69.166	17.357	155.804
40199.816	47070.918	32.008	30.789	24.876
1.022				
8/14/2016 3:00:00 AM	277200.000	69.158	17.357	155.786
40257.477	47138.352	32.054	30.839	24.840
1.022				
8/14/2016 3:15:00 AM	278100.000	69.135	17.355	155.734
40229.738	47108.902	32.034	30.817	24.857
1.022				
8/14/2016 3:30:00 AM	279000.000	69.144	17.351	155.754
40255.676	47143.348	32.057	30.842	24.841
1.022				
8/14/2016 3:45:00 AM	279900.000	69.139	17.356	155.742
40355.250	47253.945	32.133	30.923	24.780
1.022				
8/14/2016 4:00:00 AM	280800.000	69.129	17.353	155.720
40310.090	47205.121	32.099	30.887	24.808
1.022				
8/14/2016 4:15:00 AM	281700.000	69.124	17.356	155.708
40293.297	47182.227	32.084	30.871	24.818
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8/14/2016 4:30:00 AM	282600.000	69.118	17.359	155.695
40278.566	47161.848	32.070	30.856	24.827
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8/14/2016 4:45:00 AM	283500.000	69.117	17.353	155.693
40179.602	47052.418	31.996	30.776	24.888
1.022				
8/14/2016 5:00:00 AM	284400.000	69.113	17.356	155.684
40309.188	47200.277	32.096	30.884	24.808
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8/14/2016 5:15:00 AM	285300.000	69.111	17.353	155.679
40126.395	46989.188	31.953	30.730	24.921
1.022				
8/14/2016 5:30:00 AM	286200.000	69.106	17.355	155.669
40220.891	47098.543	32.027	30.809	24.863
1.022				
8/14/2016 5:45:00 AM	287100.000	69.109	17.350	155.675
40202.934	47082.680	32.016	30.798	24.874
1.022				
8/14/2016 6:00:00 AM	288000.000	69.111	17.350	155.678
40297.195	47192.992	32.091	30.878	24.816
1.022				
8/14/2016 6:15:00 AM	288900.000	69.105	17.351	155.665
40227.719	47109.867	32.035	30.818	24.858
1.022				
8/14/2016 6:30:00 AM	289800.000	69.107	17.354	155.670
40143.078	47008.539	31.966	30.744	24.911
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8/14/2016 6:45:00 AM	290700.000	69.111	17.360	155.680
40285.094	47167.816	32.074	30.860	24.823
1.022				

8/14/2016 7:00:00 AM 40179.949 1.022	291600.000 47052.168	69.114 31.995	17.353 30.776	155.686 24.888
8/14/2016 7:15:00 AM 40211.789 1.022	292500.000 47088.086	69.116 32.020	17.354 30.802	155.691 24.868
8/14/2016 7:30:00 AM 40337.289 1.022	293400.000 47234.844	69.119 32.120	17.355 30.909	155.697 24.791
8/14/2016 7:45:00 AM 40282.973 1.022	294300.000 47174.660	69.126 32.079	17.351 30.865	155.714 24.824
8/14/2016 8:00:00 AM 40201.961 1.022	295200.000 47075.730	69.129 32.011	17.355 30.793	155.719 24.874
8/14/2016 8:15:00 AM 40273.695 1.022	296100.000 47157.426	69.130 32.067	17.357 30.853	155.722 24.830
8/14/2016 8:30:00 AM 40365.477 1.022	297000.000 47269.344	69.136 32.143	17.353 30.934	155.736 24.774
8/14/2016 8:45:00 AM 40218.648 1.022	297900.000 47096.930	69.139 32.026	17.354 30.808	155.742 24.864
8/14/2016 9:00:00 AM 40322.484 1.022	298800.000 47220.570	69.142 32.110	17.352 30.898	155.749 24.800
8/14/2016 9:15:00 AM 40236.793 1.022	299700.000 47122.891	69.148 32.044	17.349 30.827	155.763 24.853
8/14/2016 9:30:00 AM 40369.691 1.022	300600.000 47268.820	69.151 32.143	17.358 30.934	155.769 24.771
8/14/2016 9:45:00 AM 40244.566 1.022	301500.000 47124.523	69.159 32.045	17.356 30.828	155.786 24.848
8/14/2016 10:00:00 AM 40340.066 1.022	302400.000 47244.199	69.161 32.126	17.349 30.915	155.792 24.789
8/14/2016 10:15:00 AM 40269.984 1.022	303300.000 47162.680	69.162 32.071	17.348 30.856	155.793 24.832
8/14/2016 10:30:00 AM 40178.133 1.022	304200.000 47053.270	69.169 31.996	17.350 30.776	155.809 24.889
8/14/2016 10:45:00 AM 40303.945 1.022	305100.000 47201.082	69.175 32.097	17.350 30.884	155.823 24.811
8/14/2016 11:00:00 AM 40235.906 1.022	306000.000 47114.566	69.174 32.038	17.356 30.821	155.822 24.853
8/14/2016 11:15:00 AM 40237.043 1.022	306900.000 47120.047	69.161 32.042	17.352 30.825	155.791 24.853
8/14/2016 11:30:00 AM	307800.000	69.181	17.348	155.838

40217.082	47100.633	32.028	30.811	24.865
1.022				
8/14/2016 11:45:00 AM	308700.000	69.180	17.351	155.835
40216.965	47097.547	32.026	30.809	24.865
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8/14/2016 12:00:00 PM	309600.000	69.166	17.358	155.803
40184.418	47052.711	31.996	30.776	24.885
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8/14/2016 12:15:00 PM	310500.000	69.183	17.357	155.842
40357.730	47256.477	32.134	30.925	24.778
1.022				
8/14/2016 12:30:00 PM	311400.000	69.183	17.356	155.842
40280.129	47166.445	32.073	30.859	24.826
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8/14/2016 12:45:00 PM	312300.000	69.186	17.354	155.849
40282.043	47170.988	32.076	30.862	24.825
1.022				
8/14/2016 1:00:00 PM	313200.000	69.192	17.350	155.861
40334.090	47236.203	32.121	30.910	24.793
1.022				
8/14/2016 1:15:00 PM	314100.000	69.176	17.352	155.827
40224.035	47104.816	32.031	30.814	24.861
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8/14/2016 1:30:00 PM	315000.000	69.189	17.354	155.854
40264.727	47150.887	32.063	30.848	24.836
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8/14/2016 1:45:00 PM	315900.000	69.192	17.355	155.861
40393.586	47300.043	32.164	30.956	24.756
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8/14/2016 2:00:00 PM	316800.000	69.187	17.352	155.851
40298.555	47192.082	32.091	30.877	24.815
1.022				
8/14/2016 2:15:00 PM	317700.000	69.190	17.346	155.858
40287.820	47186.250	32.087	30.873	24.821
1.022				
8/14/2016 2:30:00 PM	318600.000	69.189	17.354	155.855
40205.191	47080.809	32.015	30.796	24.872
1.022				
8/14/2016 2:45:00 PM	319500.000	69.190	17.353	155.858
40259.512	47145.520	32.059	30.844	24.839
1.022				
8/14/2016 3:00:00 PM	320400.000	69.189	17.355	155.856
40253.855	47137.242	32.053	30.838	24.842
1.022				
8/14/2016 3:15:00 PM	321300.000	69.191	17.352	155.860
40364.699	47269.805	32.143	30.934	24.774
1.022				
8/14/2016 3:30:00 PM	322200.000	69.193	17.350	155.863
40171.605	47045.254	31.991	30.770	24.893
1.022				
8/14/2016 3:45:00 PM	323100.000	69.193	17.353	155.864
40351.734	47253.156	32.132	30.922	24.782
1.022				
8/14/2016 4:00:00 PM	324000.000	69.194	17.352	155.866
40335.598	47235.273	32.120	30.909	24.792

1.022				
8/14/2016 4:15:00 PM	324900.000	69.201	17.354	155.882
40205.645	47081.703	32.016	30.797	24.872
1.022				
8/14/2016 4:30:00 PM	325800.000	69.198	17.354	155.875
40214.770	47092.027	32.023	30.805	24.866
1.022				
8/14/2016 4:45:00 PM	326700.000	69.206	17.351	155.894
40313.109	47210.605	32.103	30.891	24.806
1.022				
8/14/2016 5:00:00 PM	327600.000	69.205	17.352	155.891
40210.250	47088.766	32.020	30.802	24.869
1.022				
8/14/2016 5:15:00 PM	328500.000	69.208	17.356	155.898
40219.113	47094.805	32.024	30.807	24.864
1.022				
8/14/2016 5:30:00 PM	329400.000	69.214	17.355	155.911
40326.699	47221.719	32.111	30.899	24.797
1.022				
8/14/2016 5:45:00 PM	330300.000	69.223	17.353	155.931
40196.031	47070.918	32.008	30.789	24.878
1.022				
8/14/2016 6:00:00 PM	331200.000	69.229	17.357	155.944
40300.277	47188.828	32.088	30.875	24.814
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8/14/2016 6:15:00 PM	332100.000	69.234	17.356	155.956
40302.340	47192.633	32.091	30.878	24.812
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8/14/2016 6:30:00 PM	333000.000	69.225	17.355	155.937
40247.750	47129.723	32.048	30.832	24.846
1.022				
8/14/2016 6:45:00 PM	333900.000	69.244	17.355	155.980
40215.875	47092.309	32.023	30.805	24.866
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8/14/2016 7:00:00 PM	334800.000	69.251	17.354	155.994
40303.551	47196.176	32.093	30.881	24.812
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8/14/2016 7:15:00 PM	335700.000	69.258	17.351	156.011
40164.242	47035.980	31.984	30.764	24.898
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8/14/2016 7:30:00 PM	336600.000	69.269	17.353	156.034
40164.492	47034.539	31.983	30.763	24.898
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8/14/2016 7:45:00 PM	337500.000	69.275	17.346	156.048
40139.938	47013.230	31.969	30.747	24.913
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8/14/2016 8:00:00 PM	338400.000	69.283	17.355	156.066
40290.168	47179.020	32.082	30.868	24.820
1.022				
8/14/2016 8:15:00 PM	339300.000	69.290	17.355	156.082
40273.117	47159.531	32.068	30.854	24.830
1.022				
8/14/2016 8:30:00 PM	340200.000	69.280	17.357	156.060
40152.496	47015.789	31.971	30.749	24.905
1.022				

8/14/2016 8:45:00 PM 40279.738 1.022	341100.000 47163.574	69.300 32.071	17.358 30.857	156.104 24.826
8/14/2016 9:00:00 PM 40240.711 1.022	342000.000 47122.313	69.304 32.043	17.354 30.827	156.115 24.850
8/14/2016 9:15:00 PM 40338.645 1.022	342900.000 47230.887	69.306 32.117	17.360 30.906	156.119 24.790
8/14/2016 9:30:00 PM 40324.047 1.022	343800.000 47215.457	69.312 32.107	17.358 30.895	156.133 24.799
8/14/2016 9:45:00 PM 40240.574 1.022	344700.000 47120.762	69.313 32.042	17.355 30.826	156.135 24.851
8/14/2016 10:00:00 PM 40280.301 1.022	345600.000 47165.727	69.318 32.073	17.357 30.859	156.147 24.826
8/14/2016 10:15:00 PM 40241.504 1.022	346500.000 47128.770	69.317 32.048	17.349 30.831	156.142 24.850
8/14/2016 10:30:00 PM 40260.344 1.022	347400.000 47145.941	69.321 32.059	17.353 30.844	156.153 24.838
8/14/2016 10:45:00 PM 40232.480 1.022	348300.000 47114.055	69.319 32.038	17.353 30.821	156.149 24.856
8/14/2016 11:00:00 PM 40200.270 1.022	349200.000 47073.566	69.319 32.010	17.355 30.791	156.149 24.875
8/14/2016 11:15:00 PM 40298.883 1.022	350100.000 47189.871	69.319 32.089	17.355 30.876	156.149 24.815
8/14/2016 11:30:00 PM 40204.059 1.022	351000.000 47078.004	69.317 32.013	17.355 30.795	156.144 24.873
8/14/2016 11:45:00 PM 40151.082 1.022	351900.000 47016.258	69.312 31.971	17.355 30.750	156.131 24.906
8/15/2016 12:00:00 AM 40331.664 1.022	352800.000 47233.625	69.293 32.119	17.350 30.908	156.088 24.794
8/15/2016 12:15:00 AM 40185.148 1.022	353700.000 47056.520	69.298 31.998	17.355 30.779	156.100 24.885
8/15/2016 12:30:00 AM 40227.453 1.022	354600.000 47099.785	69.294 32.028	17.361 30.811	156.092 24.859
8/15/2016 12:45:00 AM 40212.914 1.022	355500.000 47092.344	69.285 32.023	17.352 30.805	156.071 24.868
8/15/2016 1:00:00 AM 40269.121 1.022	356400.000 47155.492	69.278 32.066	17.354 30.851	156.055 24.833
8/15/2016 1:15:00 AM	357300.000	69.271	17.356	156.039

40294.188	47182.906	32.084	30.871	24.817
1.022				
8/15/2016 1:30:00 AM	358200.000	69.265	17.353	156.026
40182.301	47055.395	31.998	30.778	24.887
1.022				
8/15/2016 1:45:00 AM	359100.000	69.242	17.355	155.975
40228.563	47107.625	32.033	30.816	24.858
1.022				
8/15/2016 2:00:00 AM	360000.000	69.244	17.358	155.979
40331.293	47223.770	32.112	30.901	24.795
1.022				
8/15/2016 2:15:00 AM	360900.000	69.234	17.353	155.957
40213.676	47092.137	32.023	30.805	24.867
1.022				
8/15/2016 2:30:00 AM	361800.000	69.226	17.352	155.939
40322.676	47220.793	32.110	30.898	24.800
1.022				
8/15/2016 2:45:00 AM	362700.000	69.217	17.354	155.917
40213.809	47091.172	32.022	30.804	24.867
1.022				
8/15/2016 3:00:00 AM	363600.000	69.209	17.354	155.901
40229.973	47109.555	32.035	30.817	24.857
1.022				
8/15/2016 3:15:00 AM	364500.000	69.200	17.355	155.879
40249.848	47132.285	32.050	30.834	24.845
1.022				
8/15/2016 3:30:00 AM	365400.000	69.189	17.353	155.855
40163.258	47032.805	31.982	30.761	24.898
1.022				
8/15/2016 3:45:00 AM	366300.000	69.184	17.353	155.843
40191.969	47066.348	32.005	30.786	24.881
1.022				
8/15/2016 4:00:00 AM	367200.000	69.160	17.354	155.790
40233.828	47113.895	32.037	30.821	24.855
1.022				
8/15/2016 4:15:00 AM	368100.000	69.170	17.357	155.812
40178.148	47046.195	31.991	30.771	24.889
1.022				
8/15/2016 4:30:00 AM	369000.000	69.162	17.356	155.794
40345.313	47243.047	32.125	30.915	24.786
1.022				
8/15/2016 4:45:00 AM	369900.000	69.155	17.355	155.778
40270.391	47156.145	32.066	30.851	24.832
1.022				
8/15/2016 5:00:00 AM	370800.000	69.150	17.355	155.767
40251.977	47134.219	32.051	30.835	24.844
1.022				
8/15/2016 5:15:00 AM	371700.000	69.145	17.358	155.757
40234.148	47110.668	32.035	30.818	24.855
1.022				
8/15/2016 5:30:00 AM	372600.000	69.139	17.359	155.742
40214.445	47086.207	32.019	30.801	24.867
1.022				
8/15/2016 5:45:00 AM	373500.000	69.128	17.353	155.717
40177.598	47049.785	31.994	30.774	24.889

1.022				
8/15/2016 6:00:00 AM	374400.000	69.144	17.352	155.753
40144.121	47011.598	31.968	30.746	24.910
1.022				
8/15/2016 6:15:00 AM	375300.000	69.140	17.358	155.744
40248.375	47126.957	32.046	30.830	24.846
1.022				
8/15/2016 6:30:00 AM	376200.000	69.137	17.357	155.738
40237.961	47116.500	32.039	30.823	24.852
1.022				
8/15/2016 6:45:00 AM	377100.000	69.139	17.355	155.742
40244.121	47124.832	32.045	30.829	24.848
1.022				
8/15/2016 7:00:00 AM	378000.000	69.139	17.353	155.742
40180.789	47053.066	31.996	30.776	24.888
1.022				
8/15/2016 7:15:00 AM	378900.000	69.139	17.359	155.743
40159.203	47021.809	31.975	30.754	24.901
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8/15/2016 7:30:00 AM	379800.000	69.142	17.349	155.748
40167.551	47041.527	31.988	30.768	24.896
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8/15/2016 7:45:00 AM	380700.000	69.133	17.353	155.730
40246.695	47130.699	32.049	30.833	24.847
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8/15/2016 8:00:00 AM	381600.000	69.135	17.356	155.732
40272.883	47157.961	32.067	30.853	24.831
1.022				
8/15/2016 8:15:00 AM	382500.000	69.156	17.351	155.781
40302.082	47196.949	32.094	30.881	24.813
1.022				
8/15/2016 8:30:00 AM	383400.000	69.160	17.353	155.789
40288.688	47179.238	32.082	30.868	24.821
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8/15/2016 8:45:00 AM	384300.000	69.167	17.357	155.805
40288.836	47175.348	32.079	30.866	24.821
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8/15/2016 9:00:00 AM	385200.000	69.170	17.353	155.813
40214.883	47092.809	32.023	30.805	24.866
1.022				
8/15/2016 9:15:00 AM	386100.000	69.176	17.353	155.825
40340.984	47240.566	32.124	30.913	24.789
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8/15/2016 9:30:00 AM	387000.000	69.179	17.355	155.832
40295.484	47185.246	32.086	30.873	24.817
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8/15/2016 9:45:00 AM	387900.000	69.185	17.346	155.846
40225.211	47112.832	32.037	30.819	24.860
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8/15/2016 10:00:00 AM	388800.000	69.191	17.352	155.859
40184.824	47059.539	32.000	30.781	24.885
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8/15/2016 10:15:00 AM	389700.000	69.183	17.349	155.842
40279.641	47173.070	32.078	30.863	24.826
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8/15/2016 10:30:00 AM 40288.301 1.022	390600.000 47177.391	69.189 32.081	17.355 30.867	155.855 24.821
8/15/2016 10:45:00 AM 40161.879 1.022	391500.000 47028.250	69.206 31.979	17.356 30.758	155.894 24.899
8/15/2016 11:00:00 AM 40228.211 1.022	392400.000 47107.398	69.212 32.033	17.354 30.816	155.908 24.858
8/15/2016 11:15:00 AM 40232.402 1.022	393300.000 47115.352	69.215 32.038	17.351 30.822	155.914 24.856
8/15/2016 11:30:00 AM 40136.395 1.022	394200.000 46999.598	69.220 31.960	17.355 30.737	155.924 24.915
8/15/2016 11:45:00 AM 40090.363 1.022	395100.000 46949.926	69.222 31.926	17.351 30.701	155.930 24.944
8/15/2016 12:00:00 PM 40316.043 1.022	396000.000 47214.500	69.226 32.106	17.350 30.894	155.938 24.804
8/15/2016 12:15:00 PM 40271.516 1.022	396900.000 47152.762	69.228 32.064	17.359 30.849	155.942 24.831
8/15/2016 12:30:00 PM 40231.359 1.022	397800.000 47109.887	69.231 32.035	17.355 30.818	155.949 24.856
8/15/2016 12:45:00 PM 40254.652 1.022	398700.000 47137.070	69.219 32.053	17.356 30.838	155.922 24.842
8/15/2016 1:00:00 PM 40194.422 1.022	399600.000 47069.586	69.227 32.007	17.353 30.788	155.941 24.879
8/15/2016 1:15:00 PM 40271.863 1.022	400500.000 47162.852	69.228 32.071	17.350 30.856	155.943 24.831
8/15/2016 1:30:00 PM 40157.797 1.022	401400.000 47027.887	69.232 31.979	17.352 30.758	155.951 24.902
8/15/2016 1:45:00 PM 40305.844 1.022	402300.000 47195.262	69.229 32.093	17.357 30.880	155.945 24.810
8/15/2016 2:00:00 PM 40307.617 1.022	403200.000 47200.199	69.232 32.096	17.355 30.884	155.952 24.809
8/15/2016 2:15:00 PM 40119.375 1.022	404100.000 46980.141	69.230 31.946	17.354 30.723	155.948 24.926
8/15/2016 2:30:00 PM 40215.305 1.022	405000.000 47088.234	69.229 32.020	17.358 30.802	155.945 24.866
8/15/2016 2:45:00 PM 40263.391 1.022	405900.000 47146.105	69.230 32.059	17.357 30.844	155.947 24.836
8/15/2016 3:00:00 PM	406800.000	69.227	17.354	155.941

40280.008	47168.887	32.075	30.861	24.826
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8/15/2016 3:15:00 PM	407700.000	69.228	17.356	155.943
40238.871	47118.223	32.040	30.824	24.852
1.022				
8/15/2016 3:30:00 PM	408600.000	69.210	17.351	155.901
40301.887	47196.813	32.094	30.881	24.813
1.022				
8/15/2016 3:45:00 PM	409500.000	69.228	17.354	155.942
40194.352	47068.582	32.007	30.788	24.879
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8/15/2016 4:00:00 PM	410400.000	69.227	17.355	155.941
40328.836	47224.672	32.113	30.901	24.796
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8/15/2016 4:15:00 PM	411300.000	69.227	17.355	155.941
40156.520	47023.164	31.976	30.755	24.903
1.022				
8/15/2016 4:30:00 PM	412200.000	69.216	17.359	155.915
40166.410	47030.430	31.981	30.760	24.896
1.022				
8/15/2016 4:45:00 PM	413100.000	69.229	17.353	155.944
40272.977	47160.926	32.069	30.855	24.831
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8/15/2016 5:00:00 PM	414000.000	69.235	17.351	155.958
40190.344	47066.371	32.005	30.786	24.882
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8/15/2016 5:15:00 PM	414900.000	69.233	17.352	155.954
40388.793	47297.758	32.162	30.955	24.759
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8/15/2016 5:30:00 PM	415800.000	69.239	17.353	155.967
40258.926	47144.473	32.058	30.843	24.839
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8/15/2016 5:45:00 PM	416700.000	69.242	17.355	155.975
40271.547	47157.215	32.067	30.852	24.831
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8/15/2016 6:00:00 PM	417600.000	69.249	17.355	155.989
40328.277	47223.375	32.112	30.901	24.796
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8/15/2016 6:15:00 PM	418500.000	69.251	17.349	155.995
40174.984	47050.863	31.995	30.774	24.891
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8/15/2016 6:30:00 PM	419400.000	69.260	17.353	156.014
40270.465	47157.793	32.067	30.853	24.832
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8/15/2016 6:45:00 PM	420300.000	69.264	17.349	156.023
40216.418	47099.211	32.027	30.810	24.865
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8/15/2016 7:00:00 PM	421200.000	69.271	17.355	156.039
40171.305	47039.938	31.987	30.767	24.893
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8/15/2016 7:15:00 PM	422100.000	69.277	17.356	156.054
40293.172	47181.621	32.084	30.870	24.818
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8/15/2016 7:30:00 PM	423000.000	69.288	17.352	156.077
40264.406	47152.188	32.063	30.848	24.836

1.022				
8/15/2016 7:45:00 PM	423900.000	69.289	17.355	156.081
40309.496	47202.211	32.098	30.885	24.808
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8/15/2016 8:00:00 PM	424800.000	69.304	17.350	156.115
40262.469	47151.945	32.063	30.848	24.837
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8/15/2016 8:15:00 PM	425700.000	69.307	17.353	156.121
40243.223	47126.922	32.046	30.830	24.849
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8/15/2016 8:30:00 PM	426600.000	69.310	17.355	156.128
40256.969	47140.145	32.055	30.840	24.840
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8/15/2016 8:45:00 PM	427500.000	69.321	17.350	156.152
40217.410	47098.988	32.027	30.810	24.865
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8/15/2016 9:00:00 PM	428400.000	69.327	17.353	156.165
40175.813	47047.242	31.992	30.772	24.891
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8/15/2016 9:15:00 PM	429300.000	69.332	17.351	156.178
40219.293	47100.828	32.029	30.811	24.864
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8/15/2016 9:30:00 PM	430200.000	69.338	17.354	156.191
40261.441	47147.039	32.060	30.845	24.838
1.022				
8/15/2016 9:45:00 PM	431100.000	69.342	17.352	156.201
40196.629	47073.090	32.010	30.791	24.878
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8/15/2016 10:00:00 PM	432000.000	69.344	17.353	156.203
40162.297	47031.230	31.981	30.760	24.899
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8/15/2016 10:15:00 PM	432900.000	69.350	17.358	156.219
40140.105	47000.551	31.960	30.738	24.913
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8/15/2016 10:30:00 PM	433800.000	69.355	17.353	156.228
40132.715	46996.852	31.958	30.735	24.917
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8/15/2016 10:45:00 PM	434700.000	69.359	17.349	156.237
40224.320	47108.281	32.034	30.816	24.861
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8/15/2016 11:00:00 PM	435600.000	69.357	17.354	156.234
40163.770	47031.938	31.982	30.761	24.898
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8/15/2016 11:15:00 PM	436500.000	69.343	17.354	156.201
40237.734	47119.102	32.041	30.824	24.852
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8/15/2016 11:30:00 PM	437400.000	69.358	17.350	156.236
40151.117	47021.258	31.974	30.753	24.906
1.022				
8/15/2016 11:45:00 PM	438300.000	69.343	17.354	156.201
40278.945	47167.449	32.074	30.860	24.827
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8/16/2016 12:00:00 AM	439200.000	69.351	17.354	156.220
40162.727	47031.266	31.981	30.760	24.899
1.022				

8/16/2016 12:15:00 AM 40247.535 1.022	440100.000 47131.496	69.351 32.049	17.353 30.833	156.220 24.846
8/16/2016 12:30:00 AM 40157.016 1.022	441000.000 47021.367	69.346 31.975	17.357 30.753	156.208 24.902
8/16/2016 12:45:00 AM 40290.723 1.022	441900.000 47174.223	69.337 32.078	17.360 30.865	156.188 24.820
8/16/2016 1:00:00 AM 40176.363 1.022	442800.000 47045.680	69.329 31.991	17.355 30.771	156.170 24.890
8/16/2016 1:15:00 AM 40244.578 1.022	443700.000 47121.957	69.324 32.043	17.359 30.827	156.159 24.848
8/16/2016 1:30:00 AM 40197.145 1.022	444600.000 47070.195	69.314 32.008	17.355 30.789	156.136 24.877
8/16/2016 1:45:00 AM 40175.609 1.022	445500.000 47046.352	69.307 31.992	17.354 30.771	156.122 24.891
8/16/2016 2:00:00 AM 40152.285 1.022	446400.000 47020.793	69.294 31.974	17.352 30.753	156.091 24.905
8/16/2016 2:15:00 AM 40233.336 1.022	447300.000 47118.570	69.285 32.041	17.349 30.824	156.071 24.855
8/16/2016 2:30:00 AM 40314.555 1.022	448200.000 47213.035	69.278 32.105	17.350 30.893	156.056 24.805
8/16/2016 2:45:00 AM 40167.719 1.022	449100.000 47033.984	69.250 31.983	17.357 30.763	155.992 24.896
8/16/2016 3:00:00 AM 40314.047 1.022	450000.000 47214.652	69.255 32.106	17.348 30.894	156.005 24.805
8/16/2016 3:15:00 AM 40198.703 1.022	450900.000 47074.789	69.227 32.011	17.353 30.792	155.941 24.876
8/16/2016 3:30:00 AM 40185.363 1.022	451800.000 47055.656	69.233 31.998	17.356 30.778	155.954 24.885
8/16/2016 3:45:00 AM 40225.941 1.022	452700.000 47107.313	69.222 32.033	17.352 30.816	155.929 24.860
8/16/2016 4:00:00 AM 40233.215 1.022	453600.000 47116.301	69.212 32.039	17.351 30.822	155.907 24.855
8/16/2016 4:15:00 AM 40263.547 1.022	454500.000 47145.457	69.201 32.059	17.357 30.844	155.883 24.836
8/16/2016 4:30:00 AM 40143.973 1.022	455400.000 47007.371	69.194 31.965	17.356 30.743	155.865 24.910
8/16/2016 4:45:00 AM	456300.000	69.184	17.357	155.844

40244.930	47124.578	32.045	30.829	24.848
1.022				
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40261.344	47144.539	32.058	30.843	24.838
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8/16/2016 5:15:00 AM	458100.000	69.166	17.359	155.803
40217.387	47090.027	32.021	30.803	24.865
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8/16/2016 5:30:00 AM	459000.000	69.149	17.350	155.765
40233.922	47118.602	32.041	30.824	24.855
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8/16/2016 5:45:00 AM	459900.000	69.153	17.353	155.773
40218.352	47097.242	32.026	30.808	24.864
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8/16/2016 6:00:00 AM	460800.000	69.155	17.352	155.778
40256.762	47143.234	32.057	30.842	24.841
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8/16/2016 6:15:00 AM	461700.000	69.146	17.355	155.759
40318.191	47212.391	32.104	30.892	24.803
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40148.598	47015.453	31.971	30.749	24.907
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8/16/2016 6:45:00 AM	463500.000	69.143	17.354	155.751
40113.398	46973.785	31.942	30.718	24.929
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8/16/2016 7:00:00 AM	464400.000	69.145	17.358	155.755
40155.891	47018.668	31.973	30.751	24.903
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8/16/2016 7:15:00 AM	465300.000	69.140	17.353	155.744
40243.547	47126.270	32.046	30.830	24.849
1.022				
8/16/2016 7:30:00 AM	466200.000	69.140	17.352	155.744
40173.578	47046.191	31.991	30.771	24.892
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8/16/2016 7:45:00 AM	467100.000	69.142	17.358	155.750
40258.594	47139.563	32.055	30.840	24.839
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8/16/2016 8:00:00 AM	468000.000	69.143	17.355	155.751
40198.520	47072.258	32.009	30.790	24.877
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40223.535	47103.953	32.031	30.813	24.861
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8/16/2016 8:30:00 AM	469800.000	69.149	17.355	155.765
40137.527	47000.836	31.961	30.738	24.914
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8/16/2016 8:45:00 AM	470700.000	69.152	17.357	155.772
40227.344	47103.344	32.030	30.813	24.859
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8/16/2016 9:00:00 AM	471600.000	69.159	17.355	155.788
40266.707	47152.105	32.063	30.849	24.834
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8/16/2016 9:15:00 AM	472500.000	69.147	17.353	155.760
40162.480	47032.082	31.982	30.761	24.899

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8/16/2016 9:30:00 AM	473400.000	69.166	17.356	155.804
40175.215	47043.594	31.990	30.769	24.891
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8/16/2016 9:45:00 AM	474300.000	69.173	17.359	155.818
40222.387	47095.688	32.025	30.808	24.862
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8/16/2016 10:00:00 AM	475200.000	69.180	17.352	155.834
40140.703	47007.324	31.965	30.743	24.912
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8/16/2016 10:15:00 AM	476100.000	69.170	17.357	155.812
40257.578	47138.832	32.054	30.839	24.840
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8/16/2016 10:30:00 AM	477000.000	69.188	17.359	155.852
40208.422	47079.336	32.014	30.796	24.870
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8/16/2016 10:45:00 AM	477900.000	69.197	17.353	155.873
40136.211	47001.605	31.961	30.739	24.915
1.022				
8/16/2016 11:00:00 AM	478800.000	69.199	17.360	155.877
40229.824	47103.473	32.030	30.813	24.857
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8/16/2016 11:15:00 AM	479700.000	69.202	17.354	155.885
40136.422	47000.641	31.960	30.738	24.915
1.022				
8/16/2016 11:30:00 AM	480600.000	69.206	17.356	155.893
40142.094	47005.172	31.964	30.741	24.912
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8/16/2016 11:45:00 AM	481500.000	69.212	17.350	155.908
40226.363	47110.305	32.035	30.818	24.859
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8/16/2016 12:00:00 PM	482400.000	69.212	17.352	155.908
40179.355	47052.219	31.996	30.776	24.888
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8/16/2016 12:15:00 PM	483300.000	69.219	17.352	155.923
40240.969	47124.910	32.045	30.829	24.850
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8/16/2016 12:30:00 PM	484200.000	69.222	17.350	155.929
40141.680	47011.129	31.968	30.745	24.912
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8/16/2016 12:45:00 PM	485100.000	69.221	17.355	155.926
40242.691	47123.711	32.044	30.828	24.849
1.022				
8/16/2016 1:00:00 PM	486000.000	69.224	17.357	155.934
40216.289	47090.672	32.022	30.804	24.866
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8/16/2016 1:15:00 PM	486900.000	69.221	17.355	155.927
40094.371	46950.301	31.926	30.701	24.941
1.022				
8/16/2016 1:30:00 PM	487800.000	69.227	17.356	155.941
40161.547	47027.313	31.979	30.758	24.899
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8/16/2016 1:45:00 PM	488700.000	69.224	17.347	155.934
40182.473	47061.766	32.002	30.782	24.886
1.022				

8/16/2016 2:00:00 PM 40238.371 1.022	489600.000 47121.504	69.221 32.043	17.352 30.826	155.927 24.852
8/16/2016 2:15:00 PM 40083.734 1.022	490500.000 46937.574	69.226 31.918	17.355 30.692	155.939 24.948
8/16/2016 2:30:00 PM 40108.418 1.022	491400.000 46968.586	69.217 31.939	17.353 30.715	155.919 24.932
8/16/2016 2:45:00 PM 40313.230 1.022	492300.000 47203.449	69.219 32.098	17.358 30.886	155.923 24.806
8/16/2016 3:00:00 PM 40309.488 1.022	493200.000 47203.488	69.219 32.098	17.353 30.886	155.923 24.808
8/16/2016 3:15:00 PM 40257.742 1.022	494100.000 47142.621	69.220 32.057	17.354 30.842	155.924 24.840
8/16/2016 3:30:00 PM 40224.789 1.022	495000.000 47105.961	69.213 32.032	17.352 30.815	155.910 24.860
8/16/2016 3:45:00 PM 40122.324 1.022	495900.000 46984.133	69.195 31.949	17.354 30.726	155.869 24.924
8/16/2016 4:00:00 PM 40212.422 1.022	496800.000 47088.625	69.211 32.020	17.355 30.802	155.904 24.868
8/16/2016 4:15:00 PM 40257.895 1.022	497700.000 47142.523	69.206 32.057	17.354 30.841	155.893 24.840
8/16/2016 4:30:00 PM 40118.430 1.022	498600.000 46975.898	69.191 31.944	17.357 30.720	155.861 24.926
8/16/2016 4:45:00 PM 40078.848 1.022	499500.000 46932.492	69.209 31.914	17.354 30.688	155.899 24.951
8/16/2016 5:00:00 PM 40240.129 1.022	500400.000 47120.707	69.209 32.042	17.355 30.826	155.900 24.851
8/16/2016 5:15:00 PM 40225.715 1.022	501300.000 47107.422	69.207 32.033	17.352 30.816	155.896 24.860
8/16/2016 5:30:00 PM 40118.934 1.022	502200.000 46981.734	69.208 31.948	17.352 30.724	155.898 24.926
8/16/2016 5:45:00 PM 40270.121 1.022	503100.000 47156.844	69.212 32.067	17.354 30.852	155.908 24.832
8/16/2016 6:00:00 PM 40288.492 1.022	504000.000 47176.512	69.217 32.080	17.356 30.866	155.917 24.821
8/16/2016 6:15:00 PM 40140.465 1.022	504900.000 47007.961	69.218 31.965	17.351 30.743	155.921 24.913
8/16/2016 6:30:00 PM	505800.000	69.223	17.351	155.931

40103.383	46964.629	31.936	30.712	24.936
1.022				
8/16/2016 6:45:00 PM	506700.000	69.224	17.356	155.934
40112.648	46970.332	31.940	30.716	24.930
1.022				
8/16/2016 7:00:00 PM	507600.000	69.231	17.357	155.950
40134.449	46994.754	31.956	30.734	24.916
1.022				
8/16/2016 7:15:00 PM	508500.000	69.239	17.354	155.967
40163.672	47032.012	31.982	30.761	24.898
1.022				
8/16/2016 7:30:00 PM	509400.000	69.243	17.351	155.977
40219.855	47101.301	32.029	30.811	24.863
1.022				
8/16/2016 7:45:00 PM	510300.000	69.247	17.355	155.985
40173.578	47042.227	31.989	30.768	24.892
1.022				
8/16/2016 8:00:00 PM	511200.000	69.255	17.353	156.003
40148.883	47016.074	31.971	30.749	24.907
1.022				
8/16/2016 8:15:00 PM	512100.000	69.263	17.356	156.022
40228.309	47106.223	32.032	30.815	24.858
1.022				
8/16/2016 8:30:00 PM	513000.000	69.270	17.361	156.038
40216.789	47086.742	32.019	30.801	24.865
1.022				
8/16/2016 8:45:00 PM	513900.000	69.279	17.356	156.057
40118.684	46977.121	31.944	30.721	24.926
1.022				
8/16/2016 9:00:00 PM	514800.000	69.283	17.350	156.066
40056.828	46910.758	31.899	30.672	24.965
1.022				
8/16/2016 9:15:00 PM	515700.000	69.290	17.359	156.084
40142.766	47002.094	31.961	30.739	24.911
1.022				
8/16/2016 9:30:00 PM	516600.000	69.298	17.357	156.099
40138.371	46999.887	31.960	30.738	24.914
1.022				
8/16/2016 9:45:00 PM	517500.000	69.308	17.350	156.123
40244.109	47131.086	32.049	30.833	24.848
1.022				
8/16/2016 10:00:00 PM	518400.000	69.314	17.353	156.136
40157.746	47026.453	31.978	30.757	24.902
1.022				
8/16/2016 10:15:00 PM	519300.000	69.322	17.353	156.156
40150.273	47017.238	31.972	30.750	24.906
1.022				
8/16/2016 10:30:00 PM	520200.000	69.309	17.354	156.126
40262.824	47148.023	32.061	30.845	24.837
1.022				
8/16/2016 10:45:00 PM	521100.000	69.327	17.352	156.165
40179.707	47052.629	31.996	30.776	24.888
1.022				
8/16/2016 11:00:00 PM	522000.000	69.314	17.353	156.137
40203.840	47080.699	32.015	30.796	24.873

1.022				
8/16/2016 11:15:00 PM	522900.000	69.331	17.357	156.175
40269.035	47152.617	32.064	30.849	24.833
1.022				
8/16/2016 11:30:00 PM	523800.000	69.335	17.357	156.183
40160.242	47024.957	31.977	30.756	24.900
1.022				
8/16/2016 11:45:00 PM	524700.000	69.320	17.354	156.149
40111.281	46971.023	31.940	30.716	24.931
1.022				
8/17/2016 12:00:00 AM	525600.000	69.334	17.355	156.181
40200.109	47074.207	32.010	30.792	24.876
1.022				
8/17/2016 12:15:00 AM	526500.000	69.328	17.356	156.169
40233.922	47112.340	32.036	30.820	24.855
1.022				
8/17/2016 12:30:00 AM	527400.000	69.312	17.353	156.133
40105.539	46965.133	31.936	30.712	24.934
1.022				
8/17/2016 12:45:00 AM	528300.000	69.324	17.358	156.160
40158.922	47021.941	31.975	30.754	24.901
1.022				
8/17/2016 1:00:00 AM	529200.000	69.317	17.353	156.142
40251.047	47135.344	32.052	30.836	24.844
1.022				
8/17/2016 1:15:00 AM	530100.000	69.310	17.354	156.128
40227.059	47106.777	32.033	30.815	24.859
1.022				
8/17/2016 1:30:00 AM	531000.000	69.305	17.357	156.116
40199.281	47070.570	32.008	30.789	24.876
1.022				
8/17/2016 1:45:00 AM	531900.000	69.298	17.362	156.100
40129.215	46983.941	31.949	30.726	24.920
1.022				
8/17/2016 2:00:00 AM	532800.000	69.289	17.356	156.080
40231.332	47109.578	32.035	30.818	24.856
1.022				
8/17/2016 2:15:00 AM	533700.000	69.279	17.352	156.058
40151.594	47020.352	31.974	30.752	24.906
1.022				
8/17/2016 2:30:00 AM	534600.000	69.273	17.357	156.044
40101.641	46956.055	31.930	30.706	24.937
1.022				
8/17/2016 2:45:00 AM	535500.000	69.257	17.356	156.008
40130.742	46991.324	31.954	30.731	24.919
1.022				
8/17/2016 3:00:00 AM	536400.000	69.247	17.349	155.987
40130.246	46997.836	31.959	30.736	24.919
1.022				
8/17/2016 3:15:00 AM	537300.000	69.237	17.354	155.962
40218.016	47095.648	32.025	30.807	24.864
1.022				
8/17/2016 3:30:00 AM	538200.000	69.222	17.353	155.928
40217.801	47096.316	32.025	30.808	24.865
1.022				

8/17/2016 3:45:00 AM 40158.695 1.022	539100.000 47021.676	69.210 31.975	17.358 30.754	155.903 24.901
8/17/2016 4:00:00 AM 40147.340 1.022	540000.000 47013.898	69.187 31.969	17.353 30.748	155.850 24.908
8/17/2016 4:15:00 AM 40156.879 1.022	540900.000 47028.668	69.190 31.979	17.350 30.758	155.858 24.902
8/17/2016 4:30:00 AM 40223.598 1.022	541800.000 47099.785	69.179 32.028	17.356 30.810	155.833 24.861
8/17/2016 4:45:00 AM 40120.703 1.022	542700.000 46978.930	69.168 31.946	17.357 30.722	155.808 24.925
8/17/2016 5:00:00 AM 40271.273 1.022	543600.000 47157.824	69.155 32.067	17.354 30.853	155.779 24.832
8/17/2016 5:15:00 AM 40094.629 1.022	544500.000 46950.152	69.149 31.926	17.355 30.701	155.765 24.941
8/17/2016 5:30:00 AM 40226.531 1.022	545400.000 47101.563	69.139 32.029	17.358 30.812	155.742 24.859
8/17/2016 5:45:00 AM 40200.973 1.022	546300.000 47074.027	69.132 32.010	17.356 30.792	155.726 24.875
8/17/2016 6:00:00 AM 40073.969 1.022	547200.000 46930.637	69.129 31.913	17.351 30.687	155.721 24.954
8/17/2016 6:15:00 AM 40196.930 1.022	548100.000 47072.523	69.119 32.009	17.353 30.790	155.697 24.878
8/17/2016 6:30:00 AM 40053.090 1.022	549000.000 46898.848	69.111 31.891	17.358 30.664	155.678 24.967
8/17/2016 6:45:00 AM 40149.168 1.022	549900.000 47015.945	69.110 31.971	17.353 30.749	155.676 24.907
8/17/2016 7:00:00 AM 40187.813 1.022	550800.000 47059.719	69.104 32.001	17.355 30.781	155.662 24.883
8/17/2016 7:15:00 AM 40146.254 1.022	551700.000 47010.316	69.103 31.967	17.355 30.745	155.661 24.909
8/17/2016 7:30:00 AM 40161.039 1.022	552600.000 47026.996	69.100 31.978	17.356 30.757	155.654 24.900
8/17/2016 7:45:00 AM 40170.211 1.022	553500.000 47035.801	69.097 31.984	17.358 30.764	155.647 24.894
8/17/2016 8:00:00 AM 40142.719 1.022	554400.000 47004.438	69.097 31.963	17.357 30.741	155.648 24.911
8/17/2016 8:15:00 AM	555300.000	69.099	17.355	155.653

40186.070	47057.230	31.999	30.779	24.884
1.022				
8/17/2016 8:30:00 AM	556200.000	69.097	17.360	155.648
40152.707	47012.813	31.969	30.747	24.905
1.022				
8/17/2016 8:45:00 AM	557100.000	69.105	17.354	155.666
40054.813	46904.984	31.895	30.668	24.966
1.022				
8/17/2016 9:00:00 AM	558000.000	69.104	17.355	155.662
40219.441	47096.945	32.026	30.808	24.864
1.022				
8/17/2016 9:15:00 AM	558900.000	69.112	17.350	155.682
40075.348	46932.523	31.914	30.688	24.953
1.022				
8/17/2016 9:30:00 AM	559800.000	69.116	17.355	155.689
40204.703	47078.672	32.014	30.795	24.873
1.022				
8/17/2016 9:45:00 AM	560700.000	69.120	17.358	155.700
40198.359	47068.668	32.007	30.788	24.877
1.022				
8/17/2016 10:00:00 AM	561600.000	69.126	17.353	155.713
40182.430	47055.730	31.998	30.778	24.886
1.022				
8/17/2016 10:15:00 AM	562500.000	69.130	17.353	155.722
40095.387	46952.965	31.928	30.703	24.941
1.022				
8/17/2016 10:30:00 AM	563400.000	69.140	17.360	155.744
40059.688	46904.188	31.895	30.668	24.963
1.022				
8/17/2016 10:45:00 AM	564300.000	69.148	17.353	155.763
40168.082	47038.270	31.986	30.765	24.895
1.022				
8/17/2016 11:00:00 AM	565200.000	69.139	17.352	155.743
40108.906	46970.086	31.940	30.716	24.932
1.022				
8/17/2016 11:15:00 AM	566100.000	69.155	17.355	155.778
40188.473	47060.680	32.001	30.782	24.883
1.022				
8/17/2016 11:30:00 AM	567000.000	69.162	17.354	155.793
40076.469	46930.258	31.913	30.687	24.952
1.022				
8/17/2016 11:45:00 AM	567900.000	69.168	17.352	155.808
40222.109	47102.559	32.030	30.812	24.862
1.022				
8/17/2016 12:00:00 PM	568800.000	69.174	17.352	155.820
40193.090	47068.477	32.007	30.787	24.880
1.022				
8/17/2016 12:15:00 PM	569700.000	69.177	17.351	155.827
40075.344	46931.512	31.913	30.688	24.953
1.022				
8/17/2016 12:30:00 PM	570600.000	69.180	17.355	155.835
40125.953	46987.469	31.951	30.729	24.922
1.022				
8/17/2016 12:45:00 PM	571500.000	69.187	17.357	155.850
39997.609	46835.059	31.848	30.618	25.001

1.022				
8/17/2016 1:00:00 PM	572400.000	69.187	17.353	155.852
40194.859	47069.629	32.007	30.788	24.879
1.022				
8/17/2016 1:15:00 PM	573300.000	69.176	17.350	155.825
40133.488	47000.895	31.961	30.738	24.917
1.022				
8/17/2016 1:30:00 PM	574200.000	69.194	17.349	155.865
40196.188	47075.336	32.011	30.792	24.878
1.022				
8/17/2016 1:45:00 PM	575100.000	69.196	17.350	155.871
40195.934	47073.840	32.010	30.791	24.878
1.022				
8/17/2016 2:00:00 PM	576000.000	69.197	17.353	155.874
40160.266	47028.852	31.980	30.759	24.900
1.022				
8/17/2016 2:15:00 PM	576900.000	69.192	17.349	155.862
40180.738	47057.605	31.999	30.779	24.888
1.022				
8/17/2016 2:30:00 PM	577800.000	69.177	17.354	155.828
40166.000	47034.738	31.984	30.763	24.897
1.022				
8/17/2016 2:45:00 PM	578700.000	69.173	17.352	155.820
40058.047	46910.895	31.899	30.673	24.964
1.022				
8/17/2016 3:00:00 PM	579600.000	69.189	17.356	155.856
40141.102	47003.648	31.962	30.740	24.912
1.022				
8/17/2016 3:15:00 PM	580500.000	69.189	17.353	155.854
40130.797	46994.711	31.956	30.734	24.919
1.022				
8/17/2016 3:30:00 PM	581400.000	69.182	17.353	155.839
40078.844	46934.426	31.915	30.690	24.951
1.022				
8/17/2016 3:45:00 PM	582300.000	69.179	17.350	155.832
40194.258	47071.703	32.009	30.790	24.879
1.022				
8/17/2016 4:00:00 PM	583200.000	69.162	17.356	155.795
40200.652	47073.469	32.010	30.791	24.875
1.022				
8/17/2016 4:15:00 PM	584100.000	69.176	17.353	155.825
40180.633	47052.887	31.996	30.776	24.888
1.022				
8/17/2016 4:30:00 PM	585000.000	69.162	17.351	155.794
40096.270	46956.113	31.930	30.705	24.940
1.022				
8/17/2016 4:45:00 PM	585900.000	69.171	17.353	155.814
40098.387	46956.477	31.930	30.706	24.939
1.022				
8/17/2016 5:00:00 PM	586800.000	69.171	17.351	155.815
40092.129	46951.723	31.927	30.702	24.943
1.022				
8/17/2016 5:15:00 PM	587700.000	69.168	17.357	155.807
40078.844	46929.461	31.912	30.686	24.951
1.022				

8/17/2016 5:30:00 PM 40110.391 1.022	588600.000 46970.340	69.166 31.940	17.353 30.716	155.804 24.931
8/17/2016 5:45:00 PM 40084.363 1.022	589500.000 46939.863	69.167 31.919	17.353 30.694	155.806 24.947
8/17/2016 6:00:00 PM 40139.973 1.022	590400.000 47003.066	69.169 31.962	17.355 30.740	155.811 24.913
8/17/2016 6:15:00 PM 40127.855 1.022	591300.000 46988.316	69.172 31.952	17.356 30.729	155.817 24.920
8/17/2016 6:30:00 PM 40106.559 1.022	592200.000 46961.543	69.172 31.934	17.358 30.710	155.817 24.934
8/17/2016 6:45:00 PM 40216.086 1.022	593100.000 47092.086	69.173 32.023	17.355 30.805	155.818 24.866
8/17/2016 7:00:00 PM 40090.246 1.022	594000.000 46942.715	69.177 31.921	17.357 30.696	155.827 24.944
8/17/2016 7:15:00 PM 40071.840 1.022	594900.000 46923.914	69.178 31.908	17.355 30.682	155.830 24.955
8/17/2016 7:30:00 PM 40097.652 1.022	595800.000 46952.773	69.167 31.928	17.356 30.703	155.806 24.939
8/17/2016 7:45:00 PM 40173.180 1.022	596700.000 47042.313	69.187 31.989	17.355 30.768	155.851 24.892
8/17/2016 8:00:00 PM 40206.770 1.022	597600.000 47085.422	69.199 32.018	17.351 30.800	155.878 24.871
8/17/2016 8:15:00 PM 40145.801 1.022	598500.000 47008.414	69.200 31.966	17.357 30.744	155.879 24.909
8/17/2016 8:30:00 PM 40212.656 1.022	599400.000 47083.844	69.205 32.017	17.359 30.799	155.891 24.868
8/17/2016 8:45:00 PM 40066.570 1.022	600300.000 46915.914	69.212 31.903	17.356 30.676	155.907 24.958
8/17/2016 9:00:00 PM 40181.563 1.022	601200.000 47050.648	69.217 31.994	17.356 30.775	155.918 24.887
8/17/2016 9:15:00 PM 40133.945 1.022	602100.000 46994.531	69.227 31.956	17.357 30.734	155.941 24.917
8/17/2016 9:30:00 PM 40174.715 1.022	603000.000 47045.031	69.232 31.991	17.354 30.770	155.951 24.891
8/17/2016 9:45:00 PM 40068.199 1.022	603900.000 46927.277	69.241 31.911	17.347 30.684	155.973 24.957
8/17/2016 10:00:00 PM	604800.000	69.248	17.352	155.988

40062.563	46915.535	31.903	30.676	24.961
1.022				
8/17/2016 10:15:00 PM	605700.000	69.257	17.353	156.009
40030.891	46878.168	31.877	30.649	24.981
1.022				
8/17/2016 10:30:00 PM	606600.000	69.267	17.358	156.030
40169.387	47035.020	31.984	30.763	24.895
1.022				
8/17/2016 10:45:00 PM	607500.000	69.272	17.352	156.042
40085.488	46942.570	31.921	30.696	24.947
1.022				
8/17/2016 11:00:00 PM	608400.000	69.276	17.350	156.052
40037.516	46888.406	31.884	30.656	24.977
1.022				
8/17/2016 11:15:00 PM	609300.000	69.283	17.357	156.066
40160.852	47025.758	31.978	30.757	24.900
1.022				
8/17/2016 11:30:00 PM	610200.000	69.286	17.355	156.074
40188.605	47059.910	32.001	30.781	24.883
1.022				
8/17/2016 11:45:00 PM	611100.000	69.285	17.360	156.071
40105.277	46957.465	31.931	30.707	24.934
1.022				

Report Date: 8/19/2016 12:31:09 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-8S LT Test_2016-08-18_15-48-53-577-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/15/2016 9:07:00 AM	Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00:38 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25:14 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 9:15:00 AM
2/4/2016 10:20:54 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start
Time: 1/15/2016 9:15:00 AM	Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 10:08:06 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start
Time: 2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 11:00:00 AM
2/18/2016 11:29:03 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start
Time: 2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 10:53:00 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 10:45:00 AM
3/3/2016 12:57:16 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start
Time: 1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:40:43 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 2:30:00 PM
3/17/2016 12:40:31 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM	Stop Time: 3/17/2016 1:30:00 PM
3/24/2016 9:01:47 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start
Time: 3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 9:00:00 AM
3/31/2016 3:14:11 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: SKuiper Interval - Start
Time: 3/22/2016 12:00:00 PM	Stop Time: 3/31/2016 4:00:00 PM
4/7/2016 9:43:13 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start
Time: 2/29/2016 5:00:00 PM	Stop Time: 4/7/2016 9:45:00 AM
4/14/2016 3:18:15 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: SKuiper Interval - Start
Time: 4/5/2016 12:00:00 PM	Stop Time: 4/14/2016 4:15:00 PM
4/21/2016 1:31:37 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start
Time: 4/12/2016 1:30:00 PM	Stop Time: 4/21/2016 2:30:00 PM
4/28/2016 8:25:33 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start
Time: 4/19/2016 5:00:00 PM	Stop Time: 4/28/2016 8:15:00 AM
5/5/2016 9:32:04 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 3/31/2016 12:00:00 PM	Stop Time: 5/5/2016 10:15:00 AM
5/12/2016 10:18:00 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 5/3/2016 12:00:00 PM	Stop Time: 5/12/2016 10:15:00 AM
5/19/2016 2:12:10 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start
Time: 5/10/2016 12:00:00 PM	Stop Time: 5/19/2016 3:00:00 PM
5/26/2016 9:07:12 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start
Time: 5/17/2016 6:00:00 PM	Stop Time: 5/26/2016 9:00:00 AM
6/2/2016 11:43:41 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start
Time: 4/30/2016 10:00:00 PM	Stop Time: 6/2/2016 12:30:00 PM
6/9/2016 9:35:52 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start
Time: 5/31/2016 5:00:00 AM	Stop Time: 6/9/2016 10:30:00 AM
6/16/2016 11:18:31 AM	Log Download - Used Battery: 9% Used Memory: 20% User Name: SKuiper Interval - Start
Time: 6/7/2016 10:30:00 PM	Stop Time: 6/16/2016 11:15:00 AM
6/23/2016 10:12:15 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: SKuiper Interval - Start
Time: 6/15/2016 10:00:00 PM	Stop Time: 6/23/2016 10:00:00 AM
7/1/2016 11:51:48 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start
Time: 5/31/2016 10:00:00 PM	Stop Time: 7/1/2016 11:45:00 AM
7/1/2016 11:53:22 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start
Time: 5/31/2016 10:00:00 PM	Stop Time: 7/1/2016 11:45:00 AM

7/8/2016 11:56:57 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 6:00:29 PM Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 7:00:00 PM
7/21/2016 11:13:50 AM Log Download - Used Battery: 11% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 11:00:00 AM
7/28/2016 6:19:29 PM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:15:00 PM
8/4/2016 3:01:39 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:45:00 PM
8/11/2016 10:51:12 AM Log Download - Used Battery: 12% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:45:00 AM
8/18/2016 3:48:15 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:45:00 PM
8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 744

Sensors: 2

1 - 428966: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 197.3ft
SN#: 428966	SN#: 428966	SN#: 428966	SN#: 428966
SN#: 000000	SN#: 428966	SN#: 428966	SN#: 428966

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
8/11/2016 12:00:00 AM	7200.000	19.142	16.389	43.631
690.335	826.225	0.408	561.833	1448.572
0.999	14.708			
8/11/2016 12:15:00 AM	8100.000	19.134	16.389	43.611
690.390	826.292	0.409	561.879	1448.457
0.999	14.716			
8/11/2016 12:30:00 AM	9000.000	19.139	16.389	43.623
690.282	826.155	0.408	561.785	1448.683
0.999	14.713			
8/11/2016 12:45:00 AM	9900.000	19.136	16.390	43.617
690.379	826.263	0.409	561.859	1448.480
0.999	14.715			
8/11/2016 1:00:00 AM	10800.000	19.128	16.390	43.600
690.215	826.065	0.408	561.724	1448.823
0.999	14.718			
8/11/2016 1:15:00 AM	11700.000	19.141	16.389	43.627

690.289	826.171	0.408	561.797	1448.669
0.999	14.711			
8/11/2016 1:30:00 AM	12600.000	19.137	16.389	43.620
690.257	826.131	0.408	561.769	1448.736
0.999	14.715			
8/11/2016 1:45:00 AM	13500.000	19.136	16.389	43.617
690.258	826.134	0.408	561.771	1448.735
0.999	14.713			
8/11/2016 2:00:00 AM	14400.000	19.134	16.389	43.613
690.257	826.133	0.408	561.771	1448.735
0.999	14.715			
8/11/2016 2:15:00 AM	15300.000	19.140	16.389	43.627
690.375	826.272	0.409	561.865	1448.489
0.999	14.714			
8/11/2016 2:30:00 AM	16200.000	19.135	16.389	43.613
690.344	826.234	0.408	561.839	1448.553
0.999	14.717			
8/11/2016 2:45:00 AM	17100.000	19.133	16.388	43.611
690.531	826.471	0.409	562.000	1448.161
0.999	14.716			
8/11/2016 3:00:00 AM	18000.000	19.135	16.389	43.615
690.297	826.187	0.408	561.807	1448.652
0.999	14.718			
8/11/2016 3:15:00 AM	18900.000	19.136	16.388	43.616
690.389	826.301	0.409	561.884	1448.460
0.999	14.715			
8/11/2016 3:30:00 AM	19800.000	19.144	16.388	43.636
690.336	826.235	0.408	561.840	1448.571
0.999	14.714			
8/11/2016 3:45:00 AM	20700.000	19.140	16.388	43.625
690.468	826.396	0.409	561.949	1448.292
0.999	14.714			
8/11/2016 4:00:00 AM	21600.000	19.136	16.389	43.617
690.407	826.319	0.409	561.897	1448.422
0.999	14.713			
8/11/2016 4:15:00 AM	22500.000	19.132	16.389	43.608
690.439	826.352	0.409	561.919	1448.355
0.999	14.715			
8/11/2016 4:30:00 AM	23400.000	19.136	16.389	43.616
690.403	826.314	0.409	561.894	1448.429
0.999	14.710			
8/11/2016 4:45:00 AM	24300.000	19.140	16.388	43.625
690.433	826.358	0.409	561.924	1448.367
0.999	14.709			
8/11/2016 5:00:00 AM	25200.000	19.135	16.388	43.616
690.482	826.419	0.409	561.965	1448.263
0.999	14.713			
8/11/2016 5:15:00 AM	26100.000	19.129	16.389	43.602
690.417	826.330	0.409	561.905	1448.399
0.999	14.721			
8/11/2016 5:30:00 AM	27000.000	19.138	16.388	43.620
690.341	826.248	0.409	561.849	1448.560
0.999	14.713			
8/11/2016 5:45:00 AM	27900.000	19.138	16.389	43.622
690.352	826.249	0.409	561.849	1448.536
0.999	14.713			

8/11/2016 6:00:00 AM	28800.000	19.136	16.388	43.617
690.368	826.274	0.409	561.866	1448.503
0.999	14.718			
8/11/2016 6:15:00 AM	29700.000	19.128	16.388	43.598
690.375	826.298	0.409	561.883	1448.488
0.999	14.723			
8/11/2016 6:30:00 AM	30600.000	19.140	16.388	43.627
690.371	826.280	0.409	561.871	1448.496
0.999	14.718			
8/11/2016 6:45:00 AM	31500.000	19.129	16.388	43.601
690.261	826.157	0.408	561.787	1448.727
0.999	14.728			
8/11/2016 7:00:00 AM	32400.000	19.129	16.388	43.602
690.247	826.135	0.408	561.772	1448.756
0.999	14.732			
8/11/2016 7:15:00 AM	33300.000	19.130	16.388	43.602
690.266	826.157	0.408	561.787	1448.717
0.999	14.733			
8/11/2016 7:30:00 AM	34200.000	19.134	16.388	43.612
690.255	826.149	0.408	561.781	1448.740
0.999	14.734			
8/11/2016 7:45:00 AM	35100.000	19.134	16.388	43.612
690.313	826.215	0.408	561.826	1448.618
0.999	14.740			
8/11/2016 8:00:00 AM	36000.000	19.127	16.388	43.596
690.257	826.153	0.408	561.784	1448.736
0.999	14.745			
8/11/2016 8:15:00 AM	36900.000	19.131	16.388	43.606
690.196	826.071	0.408	561.729	1448.864
0.999	14.744			
8/11/2016 8:30:00 AM	37800.000	19.128	16.389	43.598
690.396	826.301	0.409	561.885	1448.444
0.999	14.748			
8/11/2016 8:45:00 AM	38700.000	19.130	16.389	43.603
690.183	826.037	0.408	561.705	1448.890
0.999	14.746			
8/11/2016 9:00:00 AM	39600.000	19.129	16.390	43.600
690.273	826.135	0.408	561.772	1448.703
0.999	14.748			
8/11/2016 9:15:00 AM	40500.000	19.133	16.389	43.610
690.208	826.071	0.408	561.729	1448.838
0.999	14.750			
8/11/2016 9:30:00 AM	41400.000	19.130	16.389	43.604
690.181	826.046	0.408	561.711	1448.895
0.999	14.753			
8/11/2016 9:45:00 AM	42300.000	19.128	16.388	43.599
690.101	825.960	0.408	561.653	1449.063
0.999	14.754			
8/11/2016 10:00:00 AM	43200.000	19.128	16.389	43.598
690.125	825.977	0.408	561.664	1449.013
0.999	14.758			
8/11/2016 10:15:00 AM	44100.000	19.133	16.389	43.610
690.118	825.972	0.408	561.661	1449.028
0.999	14.756			
8/11/2016 10:30:00 AM	45000.000	19.132	16.388	43.609
690.022	825.861	0.408	561.586	1449.230

0.999	14.759			
8/11/2016 10:45:00 AM	45900.000	19.131	16.388	43.606
690.129	825.997	0.408	561.678	1449.004
0.999	14.760			
8/11/2016 11:00:00 AM	46800.000	19.128	16.389	43.598
690.055	825.898	0.408	561.611	1449.160
0.999	14.762			
8/11/2016 11:15:00 AM	47700.000	19.141	16.388	43.627
690.019	825.866	0.408	561.589	1449.236
0.999	14.756			
8/11/2016 11:30:00 AM	48600.000	19.134	16.388	43.611
689.949	825.777	0.408	561.528	1449.381
0.999	14.756			
8/11/2016 11:45:00 AM	49500.000	19.127	16.388	43.596
689.947	825.782	0.408	561.532	1449.386
0.999	14.762			
8/11/2016 12:00:00 PM	50400.000	19.130	16.388	43.603
689.982	825.819	0.408	561.557	1449.313
0.999	14.760			
8/11/2016 12:15:00 PM	51300.000	19.130	16.388	43.603
690.100	825.966	0.408	561.657	1449.065
0.999	14.760			
8/11/2016 12:30:00 PM	52200.000	19.134	16.388	43.611
689.905	825.727	0.408	561.494	1449.475
0.999	14.757			
8/11/2016 12:45:00 PM	53100.000	19.134	16.388	43.613
690.005	825.847	0.408	561.576	1449.264
0.999	14.759			
8/11/2016 1:00:00 PM	54000.000	19.128	16.389	43.599
689.966	825.791	0.408	561.538	1449.347
0.999	14.758			
8/11/2016 1:15:00 PM	54900.000	19.138	16.389	43.622
690.048	825.887	0.408	561.603	1449.174
0.999	14.750			
8/11/2016 1:30:00 PM	55800.000	19.130	16.388	43.604
689.872	825.689	0.408	561.469	1449.545
0.999	14.759			
8/11/2016 1:45:00 PM	56700.000	19.141	16.388	43.628
689.884	825.696	0.408	561.473	1449.518
0.999	14.752			
8/11/2016 2:00:00 PM	57600.000	19.126	16.388	43.595
689.941	825.771	0.408	561.524	1449.400
0.999	14.760			
8/11/2016 2:15:00 PM	58500.000	19.132	16.388	43.607
689.992	825.836	0.408	561.568	1449.292
0.999	14.758			
8/11/2016 2:30:00 PM	59400.000	19.138	16.389	43.621
689.944	825.762	0.408	561.518	1449.392
0.999	14.755			
8/11/2016 2:45:00 PM	60300.000	19.125	16.388	43.593
690.049	825.894	0.408	561.608	1449.173
0.999	14.764			
8/11/2016 3:00:00 PM	61200.000	19.133	16.389	43.611
690.113	825.958	0.408	561.651	1449.037
0.999	14.755			
8/11/2016 3:15:00 PM	62100.000	19.133	16.388	43.609

689.971	825.809	0.408	561.550	1449.336
0.999	14.753			
8/11/2016 3:30:00 PM	63000.000	19.136	16.388	43.617
690.037	825.885	0.408	561.602	1449.197
0.999	14.754			
8/11/2016 3:45:00 PM	63900.000	19.135	16.388	43.615
690.056	825.913	0.408	561.621	1449.157
0.999	14.751			
8/11/2016 4:00:00 PM	64800.000	19.132	16.388	43.607
690.036	825.877	0.408	561.597	1449.199
0.999	14.747			
8/11/2016 4:15:00 PM	65700.000	19.130	16.388	43.603
690.053	825.908	0.408	561.617	1449.163
0.999	14.754			
8/11/2016 4:30:00 PM	66600.000	19.137	16.388	43.618
690.025	825.875	0.408	561.595	1449.223
0.999	14.746			
8/11/2016 4:45:00 PM	67500.000	19.132	16.388	43.607
690.094	825.953	0.408	561.648	1449.079
0.999	14.747			
8/11/2016 5:00:00 PM	68400.000	19.131	16.388	43.605
690.020	825.860	0.408	561.585	1449.232
0.999	14.747			
8/11/2016 5:15:00 PM	69300.000	19.134	16.388	43.613
690.018	825.866	0.408	561.589	1449.237
0.999	14.741			
8/11/2016 5:30:00 PM	70200.000	19.128	16.387	43.598
690.053	825.921	0.408	561.626	1449.163
0.999	14.746			
8/11/2016 5:45:00 PM	71100.000	19.131	16.387	43.605
690.028	825.886	0.408	561.602	1449.216
0.999	14.742			
8/11/2016 6:00:00 PM	72000.000	19.131	16.388	43.604
690.083	825.940	0.408	561.639	1449.100
0.999	14.741			
8/11/2016 6:15:00 PM	72900.000	19.135	16.388	43.613
690.079	825.928	0.408	561.631	1449.109
0.999	14.744			
8/11/2016 6:30:00 PM	73800.000	19.131	16.388	43.605
689.993	825.832	0.408	561.566	1449.290
0.999	14.741			
8/11/2016 6:45:00 PM	74700.000	19.140	16.388	43.626
690.016	825.860	0.408	561.585	1449.241
0.999	14.735			
8/11/2016 7:00:00 PM	75600.000	19.130	16.388	43.604
690.031	825.884	0.408	561.601	1449.210
0.999	14.739			
8/11/2016 7:15:00 PM	76500.000	19.130	16.388	43.602
690.040	825.896	0.408	561.609	1449.192
0.999	14.739			
8/11/2016 7:30:00 PM	77400.000	19.129	16.387	43.600
690.103	825.981	0.408	561.667	1449.058
0.999	14.741			
8/11/2016 7:45:00 PM	78300.000	19.135	16.388	43.614
690.072	825.927	0.408	561.630	1449.124
0.999	14.738			

8/11/2016 8:00:00 PM	79200.000	19.126	16.388	43.595
690.205	826.088	0.408	561.740	1448.844
0.999	14.739			
8/11/2016 8:15:00 PM	80100.000	19.127	16.387	43.596
690.200	826.098	0.408	561.746	1448.856
0.999	14.746			
8/11/2016 8:30:00 PM	81000.000	19.125	16.388	43.591
690.116	825.990	0.408	561.673	1449.031
0.999	14.744			
8/11/2016 8:45:00 PM	81900.000	19.134	16.388	43.612
690.172	826.052	0.408	561.715	1448.914
0.999	14.739			
8/11/2016 9:00:00 PM	82800.000	19.133	16.388	43.610
690.126	826.001	0.408	561.681	1449.011
0.999	14.739			
8/11/2016 9:15:00 PM	83700.000	19.136	16.387	43.617
690.149	826.037	0.408	561.705	1448.962
0.999	14.743			
8/11/2016 9:30:00 PM	84600.000	19.130	16.387	43.603
690.150	826.040	0.408	561.707	1448.961
0.999	14.749			
8/11/2016 9:45:00 PM	85500.000	19.129	16.387	43.601
690.406	826.353	0.409	561.920	1448.423
0.999	14.748			
8/11/2016 10:00:00 PM	86400.000	19.132	16.386	43.609
690.193	826.104	0.408	561.751	1448.871
0.999	14.747			
8/11/2016 10:15:00 PM	87300.000	19.128	16.387	43.598
690.376	826.318	0.409	561.896	1448.487
0.999	14.748			
8/11/2016 10:30:00 PM	88200.000	19.130	16.386	43.604
690.295	826.225	0.408	561.833	1448.657
0.999	14.745			
8/11/2016 10:45:00 PM	89100.000	19.124	16.387	43.590
690.296	826.213	0.408	561.825	1448.654
0.999	14.748			
8/11/2016 11:00:00 PM	90000.000	19.130	16.387	43.603
690.242	826.143	0.408	561.777	1448.767
0.999	14.743			
8/11/2016 11:15:00 PM	90900.000	19.132	16.388	43.607
690.292	826.198	0.408	561.815	1448.662
0.999	14.747			
8/11/2016 11:30:00 PM	91800.000	19.129	16.388	43.600
690.352	826.270	0.409	561.863	1448.537
0.999	14.748			
8/11/2016 11:45:00 PM	92700.000	19.135	16.388	43.615
690.345	826.253	0.409	561.852	1448.552
0.999	14.747			
8/12/2016 12:00:00 AM	93600.000	19.134	16.388	43.612
690.247	826.141	0.408	561.776	1448.757
0.999	14.748			
8/12/2016 12:15:00 AM	94500.000	19.129	16.388	43.600
690.359	826.277	0.409	561.868	1448.521
0.999	14.748			
8/12/2016 12:30:00 AM	95400.000	19.132	16.387	43.608
690.324	826.239	0.408	561.843	1448.596

0.999	14.749			
8/12/2016 12:45:00 AM	96300.000	19.132	16.387	43.609
690.506	826.459	0.409	561.992	1448.213
0.999	14.750			
8/12/2016 1:00:00 AM	97200.000	19.129	16.387	43.601
690.316	826.242	0.408	561.844	1448.612
0.999	14.746			
8/12/2016 1:15:00 AM	98100.000	19.132	16.387	43.607
690.376	826.310	0.409	561.891	1448.486
0.999	14.744			
8/12/2016 1:30:00 AM	99000.000	19.130	16.387	43.604
690.471	826.432	0.409	561.974	1448.287
0.999	14.746			
8/12/2016 1:45:00 AM	99900.000	19.127	16.387	43.596
690.537	826.510	0.409	562.027	1448.147
0.999	14.749			
8/12/2016 2:00:00 AM	100800.000	19.130	16.387	43.602
690.445	826.403	0.409	561.954	1448.341
0.999	14.743			
8/12/2016 2:15:00 AM	101700.000	19.128	16.387	43.599
690.423	826.365	0.409	561.928	1448.387
0.999	14.744			
8/12/2016 2:30:00 AM	102600.000	19.124	16.387	43.590
690.539	826.503	0.409	562.022	1448.144
0.999	14.746			
8/12/2016 2:45:00 AM	103500.000	19.129	16.387	43.601
690.479	826.432	0.409	561.974	1448.269
0.999	14.742			
8/12/2016 3:00:00 AM	104400.000	19.137	16.387	43.618
690.373	826.301	0.409	561.885	1448.493
0.999	14.736			
8/12/2016 3:15:00 AM	105300.000	19.136	16.387	43.617
690.389	826.328	0.409	561.903	1448.458
0.999	14.736			
8/12/2016 3:30:00 AM	106200.000	19.125	16.388	43.591
690.491	826.438	0.409	561.978	1448.245
0.999	14.744			
8/12/2016 3:45:00 AM	107100.000	19.135	16.387	43.613
690.383	826.319	0.409	561.897	1448.471
0.999	14.739			
8/12/2016 4:00:00 AM	108000.000	19.125	16.387	43.593
690.472	826.433	0.409	561.974	1448.286
0.999	14.743			
8/12/2016 4:15:00 AM	108900.000	19.133	16.387	43.610
690.323	826.257	0.409	561.854	1448.598
0.999	14.736			
8/12/2016 4:30:00 AM	109800.000	19.127	16.387	43.597
690.424	826.376	0.409	561.936	1448.385
0.999	14.742			
8/12/2016 4:45:00 AM	110700.000	19.136	16.387	43.616
690.444	826.390	0.409	561.945	1448.344
0.999	14.737			
8/12/2016 5:00:00 AM	111600.000	19.128	16.388	43.599
690.353	826.271	0.409	561.864	1448.535
0.999	14.742			
8/12/2016 5:15:00 AM	112500.000	19.122	16.388	43.585

690.568	826.519	0.409	562.033	1448.083
0.999	14.744			
8/12/2016 5:30:00 AM	113400.000	19.129	16.387	43.601
690.358	826.287	0.409	561.875	1448.524
0.999	14.746			
8/12/2016 5:45:00 AM	114300.000	19.127	16.387	43.597
690.484	826.445	0.409	561.983	1448.258
0.999	14.748			
8/12/2016 6:00:00 AM	115200.000	19.125	16.387	43.591
690.564	826.540	0.409	562.047	1448.093
0.999	14.751			
8/12/2016 6:15:00 AM	116100.000	19.135	16.387	43.615
690.567	826.545	0.409	562.051	1448.086
0.999	14.745			
8/12/2016 6:30:00 AM	117000.000	19.129	16.387	43.601
690.470	826.414	0.409	561.962	1448.289
0.999	14.750			
8/12/2016 6:45:00 AM	117900.000	19.132	16.387	43.607
690.452	826.406	0.409	561.956	1448.327
0.999	14.751			
8/12/2016 7:00:00 AM	118800.000	19.127	16.387	43.596
690.538	826.503	0.409	562.022	1448.146
0.999	14.755			
8/12/2016 7:15:00 AM	119700.000	19.132	16.387	43.608
690.664	826.650	0.409	562.122	1447.882
0.999	14.758			
8/12/2016 7:30:00 AM	120600.000	19.130	16.387	43.602
690.454	826.414	0.409	561.962	1448.321
0.999	14.760			
8/12/2016 7:45:00 AM	121500.000	19.122	16.387	43.584
690.521	826.493	0.409	562.015	1448.181
0.999	14.765			
8/12/2016 8:00:00 AM	122400.000	19.138	16.386	43.621
690.630	826.628	0.409	562.107	1447.953
0.999	14.758			
8/12/2016 8:15:00 AM	123300.000	19.128	16.386	43.598
690.608	826.604	0.409	562.091	1448.000
0.999	14.768			
8/12/2016 8:30:00 AM	124200.000	19.130	16.386	43.603
690.532	826.510	0.409	562.027	1448.158
0.999	14.763			
8/12/2016 8:45:00 AM	125100.000	19.133	16.386	43.610
690.476	826.452	0.409	561.987	1448.276
0.999	14.759			
8/12/2016 9:00:00 AM	126000.000	19.130	16.387	43.602
690.585	826.568	0.409	562.066	1448.049
0.999	14.761			
8/12/2016 9:15:00 AM	126900.000	19.126	16.386	43.594
690.383	826.336	0.409	561.908	1448.471
0.999	14.764			
8/12/2016 9:30:00 AM	127800.000	19.129	16.387	43.600
690.529	826.499	0.409	562.019	1448.165
0.999	14.765			
8/12/2016 9:45:00 AM	128700.000	19.133	16.387	43.610
690.541	826.515	0.409	562.030	1448.140
0.999	14.764			

8/12/2016 10:00:00 AM	129600.000		19.120		16.387	43.580
690.298	826.214	0.408		561.825		1448.650
0.999	14.768					
8/12/2016 10:15:00 AM	130500.000		19.127		16.387	43.597
690.258	826.163	0.408		561.791		1448.733
0.999	14.766					
8/12/2016 10:30:00 AM	131400.000		19.129		16.388	43.601
690.282	826.184	0.408		561.805		1448.684
0.999	14.759					
8/12/2016 10:45:00 AM	132300.000		19.128		16.388	43.598
690.067	825.926	0.408		561.629		1449.135
0.999	14.766					
8/12/2016 11:00:00 AM	133200.000		19.129		16.387	43.601
690.209	826.102	0.408		561.750		1448.836
0.999	14.770					
8/12/2016 11:15:00 AM	134100.000		19.123		16.387	43.586
690.213	826.113	0.408		561.757		1448.829
0.999	14.767					
8/12/2016 11:30:00 AM	135000.000		19.129		16.387	43.601
690.292	826.202	0.408		561.817		1448.662
0.999	14.764					
8/12/2016 11:45:00 AM	135900.000		19.129		16.387	43.600
690.100	825.981	0.408		561.667		1449.065
0.999	14.763					
8/12/2016 12:00:00 PM	136800.000		19.126		16.387	43.593
690.028	825.894	0.408		561.608		1449.216
0.999	14.768					
8/12/2016 12:15:00 PM	137700.000		19.130		16.387	43.602
690.123	826.009	0.408		561.686		1449.018
0.999	14.767					
8/12/2016 12:30:00 PM	138600.000		19.119		16.387	43.579
690.099	825.982	0.408		561.668		1449.068
0.999	14.769					
8/12/2016 12:45:00 PM	139500.000		19.119		16.387	43.579
690.186	826.093	0.408		561.744		1448.884
0.999	14.767					
8/12/2016 1:00:00 PM	140400.000		19.130		16.387	43.602
690.176	826.077	0.408		561.733		1448.906
0.999	14.764					
8/12/2016 1:15:00 PM	141300.000		19.134		16.387	43.613
690.110	825.992	0.408		561.675		1449.045
0.999	14.758					
8/12/2016 1:30:00 PM	142200.000		19.127		16.387	43.596
690.105	825.995	0.408		561.677		1449.056
0.999	14.760					
8/12/2016 1:45:00 PM	143100.000		19.127		16.387	43.595
690.127	826.021	0.408		561.694		1449.008
0.999	14.760					
8/12/2016 2:00:00 PM	144000.000		19.123		16.387	43.587
690.154	826.052	0.408		561.715		1448.952
0.999	14.763					
8/12/2016 2:15:00 PM	144900.000		19.126		16.387	43.595
690.136	826.021	0.408		561.694		1448.990
0.999	14.760					
8/12/2016 2:30:00 PM	145800.000		19.134		16.387	43.613
690.145	826.039	0.408		561.707		1448.970

0.999	14.761			
8/12/2016 2:45:00 PM	146700.000	19.128	16.387	43.598
690.179	826.073	0.408	561.730	1448.899
0.999	14.759			
8/12/2016 3:00:00 PM	147600.000	19.126	16.387	43.593
689.985	825.839	0.408	561.571	1449.307
0.999	14.759			
8/12/2016 3:15:00 PM	148500.000	19.129	16.387	43.600
690.147	826.041	0.408	561.708	1448.967
0.999	14.757			
8/12/2016 3:30:00 PM	149400.000	19.127	16.387	43.597
690.100	825.985	0.408	561.670	1449.066
0.999	14.758			
8/12/2016 3:45:00 PM	150300.000	19.133	16.386	43.611
690.351	826.292	0.409	561.879	1448.539
0.999	14.753			
8/12/2016 4:00:00 PM	151200.000	19.125	16.387	43.591
690.331	826.263	0.409	561.859	1448.581
0.999	14.761			
8/12/2016 4:15:00 PM	152100.000	19.126	16.387	43.594
690.341	826.277	0.409	561.868	1448.559
0.999	14.753			
8/12/2016 4:30:00 PM	153000.000	19.128	16.387	43.600
690.276	826.199	0.408	561.815	1448.696
0.999	14.753			
8/12/2016 4:45:00 PM	153900.000	19.134	16.387	43.613
690.245	826.161	0.408	561.789	1448.760
0.999	14.751			
8/12/2016 5:00:00 PM	154800.000	19.134	16.387	43.612
690.262	826.181	0.408	561.803	1448.725
0.999	14.749			
8/12/2016 5:15:00 PM	155700.000	19.132	16.387	43.609
690.299	826.219	0.408	561.829	1448.648
0.999	14.745			
8/12/2016 5:30:00 PM	156600.000	19.126	16.387	43.594
690.254	826.168	0.408	561.794	1448.742
0.999	14.746			
8/12/2016 5:45:00 PM	157500.000	19.133	16.387	43.611
690.212	826.121	0.408	561.762	1448.830
0.999	14.735			
8/12/2016 6:00:00 PM	158400.000	19.135	16.387	43.615
690.235	826.152	0.408	561.783	1448.782
0.999	14.737			
8/12/2016 6:15:00 PM	159300.000	19.136	16.387	43.617
690.418	826.367	0.409	561.930	1448.398
0.999	14.733			
8/12/2016 6:30:00 PM	160200.000	19.132	16.387	43.607
690.213	826.120	0.408	561.762	1448.829
0.999	14.735			
8/12/2016 6:45:00 PM	161100.000	19.135	16.386	43.614
690.352	826.301	0.409	561.885	1448.537
0.999	14.732			
8/12/2016 7:00:00 PM	162000.000	19.130	16.386	43.602
690.244	826.176	0.408	561.799	1448.763
0.999	14.730			
8/12/2016 7:15:00 PM	162900.000	19.131	16.386	43.606

690.205	826.134	0.408	561.771	1448.845
0.999	14.732			
8/12/2016 7:30:00 PM	163800.000	19.137	16.385	43.618
690.400	826.374	0.409	561.934	1448.436
0.999	14.732			
8/12/2016 7:45:00 PM	164700.000	19.139	16.385	43.624
690.293	826.247	0.409	561.848	1448.661
0.999	14.724			
8/12/2016 8:00:00 PM	165600.000	19.133	16.385	43.610
690.256	826.213	0.408	561.825	1448.738
0.999	14.728			
8/12/2016 8:15:00 PM	166500.000	19.127	16.385	43.597
690.457	826.451	0.409	561.987	1448.315
0.999	14.734			
8/12/2016 8:30:00 PM	167400.000	19.130	16.385	43.603
690.406	826.384	0.409	561.941	1448.424
0.999	14.734			
8/12/2016 8:45:00 PM	168300.000	19.129	16.386	43.601
690.485	826.468	0.409	561.998	1448.257
0.999	14.735			
8/12/2016 9:00:00 PM	169200.000	19.127	16.385	43.596
690.551	826.558	0.409	562.060	1448.118
0.999	14.734			
8/12/2016 9:15:00 PM	170100.000	19.128	16.385	43.599
690.366	826.338	0.409	561.910	1448.507
0.999	14.736			
8/12/2016 9:30:00 PM	171000.000	19.127	16.385	43.596
690.438	826.424	0.409	561.969	1448.356
0.999	14.741			
8/12/2016 9:45:00 PM	171900.000	19.127	16.385	43.596
690.459	826.445	0.409	561.983	1448.312
0.999	14.739			
8/12/2016 10:00:00 PM	172800.000	19.136	16.385	43.616
690.522	826.523	0.409	562.036	1448.181
0.999	14.737			
8/12/2016 10:15:00 PM	173700.000	19.131	16.385	43.606
690.444	826.431	0.409	561.973	1448.342
0.999	14.744			
8/12/2016 10:30:00 PM	174600.000	19.123	16.385	43.587
690.371	826.350	0.409	561.918	1448.496
0.999	14.746			
8/12/2016 10:45:00 PM	175500.000	19.132	16.385	43.609
690.556	826.565	0.409	562.064	1448.109
0.999	14.737			
8/12/2016 11:00:00 PM	176400.000	19.123	16.385	43.588
690.474	826.462	0.409	561.995	1448.281
0.999	14.739			
8/12/2016 11:15:00 PM	177300.000	19.127	16.385	43.595
690.481	826.469	0.409	561.999	1448.266
0.999	14.739			
8/12/2016 11:30:00 PM	178200.000	19.125	16.386	43.591
690.563	826.561	0.409	562.062	1448.094
0.999	14.738			
8/12/2016 11:45:00 PM	179100.000	19.127	16.385	43.597
690.524	826.520	0.409	562.034	1448.176
0.999	14.733			

8/13/2016 12:00:00 AM	180000.000		19.134		16.385		43.611
690.492	826.492	0.409		562.015		1448.243	
0.999	14.732						
8/13/2016 12:15:00 AM	180900.000		19.136		16.384		43.616
690.567	826.589	0.409		562.081		1448.085	
0.999	14.735						
8/13/2016 12:30:00 AM	181800.000		19.128		16.385		43.599
690.654	826.684	0.409		562.145		1447.904	
0.999	14.732						
8/13/2016 12:45:00 AM	182700.000		19.130		16.384		43.602
690.510	826.521	0.409		562.034		1448.204	
0.999	14.731						
8/13/2016 1:00:00 AM	183600.000		19.131		16.385		43.606
690.561	826.568	0.409		562.066		1448.099	
0.999	14.728						
8/13/2016 1:15:00 AM	184500.000		19.126		16.385		43.594
690.512	826.505	0.409		562.023		1448.201	
0.999	14.731						
8/13/2016 1:30:00 AM	185400.000		19.132		16.385		43.607
690.589	826.597	0.409		562.086		1448.039	
0.999	14.737						
8/13/2016 1:45:00 AM	186300.000		19.129		16.385		43.601
690.538	826.541	0.409		562.048		1448.147	
0.999	14.728						
8/13/2016 2:00:00 AM	187200.000		19.133		16.384		43.610
690.578	826.601	0.409		562.089		1448.061	
0.999	14.726						
8/13/2016 2:15:00 AM	188100.000		19.130		16.384		43.604
690.482	826.489	0.409		562.012		1448.263	
0.999	14.729						
8/13/2016 2:30:00 AM	189000.000		19.129		16.385		43.600
690.661	826.698	0.409		562.154		1447.889	
0.999	14.725						
8/13/2016 2:45:00 AM	189900.000		19.134		16.384		43.613
690.585	826.611	0.409		562.095		1448.047	
0.999	14.719						
8/13/2016 3:00:00 AM	190800.000		19.126		16.385		43.595
690.587	826.601	0.409		562.089		1448.043	
0.999	14.723						
8/13/2016 3:15:00 AM	191700.000		19.126		16.384		43.594
690.512	826.521	0.409		562.034		1448.202	
0.999	14.723						
8/13/2016 3:30:00 AM	192600.000		19.135		16.385		43.614
690.605	826.625	0.409		562.105		1448.005	
0.999	14.722						
8/13/2016 3:45:00 AM	193500.000		19.123		16.385		43.587
690.525	826.527	0.409		562.038		1448.174	
0.999	14.723						
8/13/2016 4:00:00 AM	194400.000		19.129		16.384		43.600
690.494	826.505	0.409		562.023		1448.238	
0.999	14.718						
8/13/2016 4:15:00 AM	195300.000		19.126		16.385		43.594
690.579	826.599	0.409		562.087		1448.060	
0.999	14.718						
8/13/2016 4:30:00 AM	196200.000		19.134		16.385		43.613
690.506	826.504	0.409		562.023		1448.214	

0.999	14.712			
8/13/2016 4:45:00 AM	197100.000	19.127	16.385	43.597
690.677	826.700	0.409	562.156	1447.855
0.999	14.716			
8/13/2016 5:00:00 AM	198000.000	19.134	16.385	43.612
690.573	826.582	0.409	562.076	1448.072
0.999	14.713			
8/13/2016 5:15:00 AM	198900.000	19.127	16.385	43.596
690.576	826.590	0.409	562.081	1448.066
0.999	14.716			
8/13/2016 5:30:00 AM	199800.000	19.128	16.385	43.598
690.595	826.619	0.409	562.101	1448.026
0.999	14.717			
8/13/2016 5:45:00 AM	200700.000	19.130	16.385	43.603
690.587	826.610	0.409	562.095	1448.042
0.999	14.716			
8/13/2016 6:00:00 AM	201600.000	19.123	16.384	43.588
690.613	826.653	0.409	562.124	1447.988
0.999	14.720			
8/13/2016 6:15:00 AM	202500.000	19.132	16.384	43.608
690.553	826.589	0.409	562.081	1448.114
0.999	14.716			
8/13/2016 6:30:00 AM	203400.000	19.133	16.384	43.611
690.689	826.746	0.409	562.187	1447.830
0.999	14.715			
8/13/2016 6:45:00 AM	204300.000	19.133	16.384	43.610
690.747	826.814	0.409	562.234	1447.708
0.999	14.717			
8/13/2016 7:00:00 AM	205200.000	19.128	16.384	43.598
690.697	826.746	0.409	562.188	1447.812
0.999	14.724			
8/13/2016 7:15:00 AM	206100.000	19.130	16.384	43.604
690.549	826.571	0.409	562.068	1448.123
0.999	14.722			
8/13/2016 7:30:00 AM	207000.000	19.130	16.385	43.602
690.589	826.610	0.409	562.095	1448.039
0.999	14.730			
8/13/2016 7:45:00 AM	207900.000	19.126	16.384	43.593
690.564	826.586	0.409	562.079	1448.093
0.999	14.733			
8/13/2016 8:00:00 AM	208800.000	19.130	16.384	43.602
690.554	826.576	0.409	562.072	1448.113
0.999	14.730			
8/13/2016 8:15:00 AM	209700.000	19.123	16.384	43.588
690.557	826.583	0.409	562.077	1448.107
0.999	14.732			
8/13/2016 8:30:00 AM	210600.000	19.122	16.384	43.585
690.640	826.676	0.409	562.140	1447.932
0.999	14.731			
8/13/2016 8:45:00 AM	211500.000	19.126	16.384	43.594
690.472	826.485	0.409	562.010	1448.285
0.999	14.730			
8/13/2016 9:00:00 AM	212400.000	19.126	16.385	43.594
690.533	826.543	0.409	562.049	1448.157
0.999	14.733			
8/13/2016 9:15:00 AM	213300.000	19.127	16.384	43.596

690.512	826.523	0.409	562.036	1448.200
0.999	14.734			
8/13/2016 9:30:00 AM	214200.000	19.127	16.385	43.597
690.593	826.617	0.409	562.099	1448.031
0.999	14.730			
8/13/2016 9:45:00 AM	215100.000	19.127	16.384	43.596
690.502	826.512	0.409	562.028	1448.222
0.999	14.731			
8/13/2016 10:00:00 AM	216000.000	19.128	16.384	43.599
690.411	826.400	0.409	561.952	1448.413
0.999	14.728			
8/13/2016 10:15:00 AM	216900.000	19.126	16.385	43.594
690.447	826.441	0.409	561.980	1448.336
0.999	14.728			
8/13/2016 10:30:00 AM	217800.000	19.129	16.384	43.602
690.478	826.494	0.409	562.016	1448.272
0.999	14.727			
8/13/2016 10:45:00 AM	218700.000	19.126	16.385	43.593
690.456	826.446	0.409	561.983	1448.318
0.999	14.728			
8/13/2016 11:00:00 AM	219600.000	19.124	16.385	43.590
690.364	826.336	0.409	561.909	1448.511
0.999	14.730			
8/13/2016 11:15:00 AM	220500.000	19.123	16.385	43.587
690.316	826.284	0.409	561.873	1448.613
0.999	14.730			
8/13/2016 11:30:00 AM	221400.000	19.128	16.385	43.599
690.392	826.376	0.409	561.935	1448.453
0.999	14.727			
8/13/2016 11:45:00 AM	222300.000	19.132	16.384	43.609
690.505	826.516	0.409	562.031	1448.216
0.999	14.722			
8/13/2016 12:00:00 PM	223200.000	19.127	16.385	43.596
690.421	826.411	0.409	561.959	1448.392
0.999	14.724			
8/13/2016 12:15:00 PM	224100.000	19.130	16.384	43.603
690.419	826.412	0.409	561.960	1448.395
0.999	14.721			
8/13/2016 12:30:00 PM	225000.000	19.124	16.384	43.588
690.438	826.434	0.409	561.975	1448.356
0.999	14.723			
8/13/2016 12:45:00 PM	225900.000	19.128	16.385	43.598
690.312	826.271	0.409	561.864	1448.620
0.999	14.721			
8/13/2016 1:00:00 PM	226800.000	19.126	16.385	43.593
690.301	826.266	0.409	561.861	1448.643
0.999	14.723			
8/13/2016 1:15:00 PM	227700.000	19.129	16.385	43.601
690.310	826.268	0.409	561.862	1448.625
0.999	14.717			
8/13/2016 1:30:00 PM	228600.000	19.131	16.384	43.606
690.317	826.296	0.409	561.881	1448.610
0.999	14.717			
8/13/2016 1:45:00 PM	229500.000	19.138	16.384	43.622
690.369	826.355	0.409	561.921	1448.502
0.999	14.714			

8/13/2016 2:00:00 PM	230400.000	19.130	16.384	43.603
690.326	826.308	0.409	561.890	1448.591
0.999	14.716			
8/13/2016 2:15:00 PM	231300.000	19.128	16.384	43.600
690.319	826.304	0.409	561.887	1448.605
0.999	14.718			
8/13/2016 2:30:00 PM	232200.000	19.122	16.384	43.584
690.413	826.408	0.409	561.957	1448.408
0.999	14.717			
8/13/2016 2:45:00 PM	233100.000	19.126	16.384	43.593
690.342	826.323	0.409	561.900	1448.557
0.999	14.714			
8/13/2016 3:00:00 PM	234000.000	19.132	16.384	43.607
690.290	826.257	0.409	561.855	1448.666
0.999	14.711			
8/13/2016 3:15:00 PM	234900.000	19.123	16.384	43.587
690.314	826.299	0.409	561.883	1448.616
0.999	14.713			
8/13/2016 3:30:00 PM	235800.000	19.131	16.384	43.606
690.289	826.254	0.409	561.853	1448.669
0.999	14.710			
8/13/2016 3:45:00 PM	236700.000	19.133	16.384	43.611
690.346	826.332	0.409	561.906	1448.550
0.999	14.706			
8/13/2016 4:00:00 PM	237600.000	19.131	16.384	43.604
690.352	826.347	0.409	561.916	1448.536
0.999	14.706			
8/13/2016 4:15:00 PM	238500.000	19.133	16.383	43.610
690.266	826.262	0.409	561.858	1448.716
0.999	14.703			
8/13/2016 4:30:00 PM	239400.000	19.137	16.383	43.619
690.407	826.431	0.409	561.973	1448.420
0.999	14.699			
8/13/2016 4:45:00 PM	240300.000	19.132	16.382	43.608
690.218	826.209	0.408	561.822	1448.818
0.999	14.697			
8/13/2016 5:00:00 PM	241200.000	19.129	16.382	43.601
690.363	826.381	0.409	561.939	1448.514
0.999	14.697			
8/13/2016 5:15:00 PM	242100.000	19.130	16.382	43.604
690.346	826.367	0.409	561.930	1448.550
0.999	14.694			
8/13/2016 5:30:00 PM	243000.000	19.127	16.382	43.596
690.194	826.194	0.408	561.812	1448.868
0.999	14.695			
8/13/2016 5:45:00 PM	243900.000	19.133	16.382	43.611
690.378	826.406	0.409	561.956	1448.482
0.999	14.690			
8/13/2016 6:00:00 PM	244800.000	19.131	16.382	43.604
690.324	826.339	0.409	561.911	1448.596
0.999	14.689			
8/13/2016 6:15:00 PM	245700.000	19.132	16.382	43.607
690.329	826.357	0.409	561.923	1448.585
0.999	14.689			
8/13/2016 6:30:00 PM	246600.000	19.134	16.382	43.612
690.283	826.302	0.409	561.886	1448.681

0.999	14.689			
8/13/2016 6:45:00 PM	247500.000	19.128	16.382	43.598
690.403	826.439	0.409	561.978	1448.430
0.999	14.690			
8/13/2016 7:00:00 PM	248400.000	19.127	16.382	43.595
690.405	826.443	0.409	561.982	1448.424
0.999	14.693			
8/13/2016 7:15:00 PM	249300.000	19.131	16.382	43.605
690.404	826.443	0.409	561.981	1448.428
0.999	14.695			
8/13/2016 7:30:00 PM	250200.000	19.133	16.381	43.610
690.429	826.480	0.409	562.006	1448.375
0.999	14.690			
8/13/2016 7:45:00 PM	251100.000	19.129	16.381	43.600
690.411	826.458	0.409	561.992	1448.413
0.999	14.687			
8/13/2016 8:00:00 PM	252000.000	19.135	16.381	43.614
690.410	826.469	0.409	561.999	1448.414
0.999	14.688			
8/13/2016 8:15:00 PM	252900.000	19.140	16.381	43.626
690.479	826.552	0.409	562.055	1448.270
0.999	14.686			
8/13/2016 8:30:00 PM	253800.000	19.135	16.381	43.615
690.391	826.445	0.409	561.982	1448.454
0.999	14.688			
8/13/2016 8:45:00 PM	254700.000	19.131	16.381	43.606
690.377	826.429	0.409	561.972	1448.484
0.999	14.692			
8/13/2016 9:00:00 PM	255600.000	19.133	16.381	43.609
690.646	826.749	0.409	562.189	1447.919
0.999	14.691			
8/13/2016 9:15:00 PM	256500.000	19.131	16.381	43.605
690.426	826.483	0.409	562.008	1448.382
0.999	14.693			
8/13/2016 9:30:00 PM	257400.000	19.131	16.381	43.605
690.565	826.659	0.409	562.128	1448.090
0.999	14.693			
8/13/2016 9:45:00 PM	258300.000	19.128	16.381	43.598
690.551	826.635	0.409	562.112	1448.119
0.999	14.692			
8/13/2016 10:00:00 PM	259200.000	19.128	16.381	43.598
690.471	826.545	0.409	562.051	1448.287
0.999	14.696			
8/13/2016 10:15:00 PM	260100.000	19.126	16.381	43.595
690.546	826.622	0.409	562.103	1448.130
0.999	14.697			
8/13/2016 10:30:00 PM	261000.000	19.129	16.381	43.601
690.585	826.668	0.409	562.135	1448.048
0.999	14.698			
8/13/2016 10:45:00 PM	261900.000	19.131	16.381	43.605
690.688	826.795	0.409	562.221	1447.831
0.999	14.697			
8/13/2016 11:00:00 PM	262800.000	19.126	16.381	43.594
690.622	826.711	0.409	562.164	1447.970
0.999	14.695			
8/13/2016 11:15:00 PM	263700.000	19.127	16.382	43.596

690.608	826.692	0.409	562.150	1447.999
0.999	14.697			
8/13/2016 11:30:00 PM	264600.000	19.132	16.381	43.607
690.642	826.741	0.409	562.184	1447.929
0.999	14.693			
8/13/2016 11:45:00 PM	265500.000	19.131	16.381	43.605
690.723	826.837	0.409	562.249	1447.759
0.999	14.692			
8/14/2016 12:00:00 AM	266400.000	19.127	16.382	43.595
690.701	826.801	0.409	562.225	1447.804
0.999	14.694			
8/14/2016 12:15:00 AM	267300.000	19.128	16.381	43.599
690.701	826.821	0.409	562.238	1447.804
0.999	14.693			
8/14/2016 12:30:00 AM	268200.000	19.131	16.381	43.605
690.744	826.865	0.409	562.268	1447.715
0.999	14.692			
8/14/2016 12:45:00 AM	269100.000	19.129	16.382	43.600
690.646	826.738	0.409	562.182	1447.920
0.999	14.690			
8/14/2016 1:00:00 AM	270000.000	19.122	16.381	43.586
690.759	826.879	0.409	562.278	1447.682
0.999	14.694			
8/14/2016 1:15:00 AM	270900.000	19.133	16.381	43.610
690.646	826.747	0.409	562.188	1447.920
0.999	14.690			
8/14/2016 1:30:00 AM	271800.000	19.126	16.381	43.594
690.703	826.821	0.409	562.238	1447.801
0.999	14.689			
8/14/2016 1:45:00 AM	272700.000	19.133	16.381	43.610
690.698	826.802	0.409	562.225	1447.812
0.999	14.691			
8/14/2016 2:00:00 AM	273600.000	19.130	16.381	43.603
690.557	826.639	0.409	562.115	1448.107
0.999	14.688			
8/14/2016 2:15:00 AM	274500.000	19.124	16.381	43.589
690.639	826.734	0.409	562.179	1447.934
0.999	14.687			
8/14/2016 2:30:00 AM	275400.000	19.132	16.381	43.608
690.600	826.690	0.409	562.149	1448.016
0.999	14.686			
8/14/2016 2:45:00 AM	276300.000	19.127	16.381	43.597
690.525	826.596	0.409	562.086	1448.174
0.999	14.683			
8/14/2016 3:00:00 AM	277200.000	19.134	16.381	43.612
690.627	826.723	0.409	562.172	1447.960
0.999	14.679			
8/14/2016 3:15:00 AM	278100.000	19.135	16.381	43.614
690.437	826.496	0.409	562.017	1448.359
0.999	14.676			
8/14/2016 3:30:00 AM	279000.000	19.129	16.381	43.601
690.534	826.611	0.409	562.095	1448.155
0.999	14.680			
8/14/2016 3:45:00 AM	279900.000	19.130	16.381	43.603
690.541	826.614	0.409	562.097	1448.141
0.999	14.678			

8/14/2016 4:00:00 AM	280800.000	19.124	16.380	43.589
690.582	826.682	0.409	562.144	1448.053
0.999	14.684			
8/14/2016 4:15:00 AM	281700.000	19.131	16.381	43.604
690.499	826.572	0.409	562.069	1448.229
0.999	14.684			
8/14/2016 4:30:00 AM	282600.000	19.129	16.381	43.602
690.588	826.684	0.409	562.145	1448.041
0.999	14.684			
8/14/2016 4:45:00 AM	283500.000	19.132	16.380	43.607
690.712	826.840	0.409	562.251	1447.782
0.999	14.683			
8/14/2016 5:00:00 AM	284400.000	19.135	16.381	43.616
690.608	826.710	0.409	562.163	1447.999
0.999	14.681			
8/14/2016 5:15:00 AM	285300.000	19.127	16.380	43.597
690.554	826.649	0.409	562.122	1448.113
0.999	14.687			
8/14/2016 5:30:00 AM	286200.000	19.129	16.381	43.602
690.708	826.830	0.409	562.245	1447.790
0.999	14.685			
8/14/2016 5:45:00 AM	287100.000	19.129	16.381	43.602
690.593	826.692	0.409	562.151	1448.032
0.999	14.689			
8/14/2016 6:00:00 AM	288000.000	19.131	16.381	43.606
690.588	826.683	0.409	562.144	1448.041
0.999	14.687			
8/14/2016 6:15:00 AM	288900.000	19.125	16.381	43.593
690.610	826.705	0.409	562.160	1447.995
0.999	14.697			
8/14/2016 6:30:00 AM	289800.000	19.127	16.381	43.597
690.656	826.761	0.409	562.198	1447.899
0.999	14.692			
8/14/2016 6:45:00 AM	290700.000	19.123	16.381	43.588
690.513	826.593	0.409	562.083	1448.200
0.999	14.693			
8/14/2016 7:00:00 AM	291600.000	19.127	16.381	43.597
690.596	826.693	0.409	562.151	1448.025
0.999	14.696			
8/14/2016 7:15:00 AM	292500.000	19.128	16.381	43.599
690.576	826.666	0.409	562.133	1448.066
0.999	14.700			
8/14/2016 7:30:00 AM	293400.000	19.136	16.381	43.618
690.578	826.663	0.409	562.131	1448.063
0.999	14.689			
8/14/2016 7:45:00 AM	294300.000	19.133	16.381	43.609
690.509	826.588	0.409	562.080	1448.207
0.999	14.697			
8/14/2016 8:00:00 AM	295200.000	19.131	16.380	43.605
690.572	826.669	0.409	562.135	1448.075
0.999	14.695			
8/14/2016 8:15:00 AM	296100.000	19.128	16.381	43.599
690.570	826.662	0.409	562.130	1448.079
0.999	14.702			
8/14/2016 8:30:00 AM	297000.000	19.127	16.380	43.596
690.577	826.676	0.409	562.140	1448.064

0.999	14.702			
8/14/2016 8:45:00 AM	297900.000	19.125	16.381	43.592
690.700	826.810	0.409	562.231	1447.806
0.999	14.704			
8/14/2016 9:00:00 AM	298800.000	19.121	16.380	43.583
690.568	826.664	0.409	562.132	1448.084
0.999	14.703			
8/14/2016 9:15:00 AM	299700.000	19.128	16.381	43.598
690.594	826.693	0.409	562.151	1448.029
0.999	14.703			
8/14/2016 9:30:00 AM	300600.000	19.130	16.381	43.603
690.533	826.617	0.409	562.100	1448.157
0.999	14.701			
8/14/2016 9:45:00 AM	301500.000	19.127	16.380	43.597
690.625	826.738	0.409	562.182	1447.963
0.999	14.705			
8/14/2016 10:00:00 AM	302400.000	19.129	16.381	43.600
690.464	826.537	0.409	562.045	1448.301
0.999	14.711			
8/14/2016 10:15:00 AM	303300.000	19.119	16.381	43.578
690.568	826.653	0.409	562.124	1448.084
0.999	14.712			
8/14/2016 10:30:00 AM	304200.000	19.132	16.381	43.607
690.538	826.619	0.409	562.101	1448.147
0.999	14.704			
8/14/2016 10:45:00 AM	305100.000	19.121	16.381	43.583
690.474	826.537	0.409	562.045	1448.281
0.999	14.709			
8/14/2016 11:00:00 AM	306000.000	19.123	16.382	43.588
690.458	826.513	0.409	562.029	1448.315
0.999	14.708			
8/14/2016 11:15:00 AM	306900.000	19.129	16.382	43.601
690.463	826.516	0.409	562.031	1448.303
0.999	14.704			
8/14/2016 11:30:00 AM	307800.000	19.130	16.381	43.603
690.314	826.342	0.409	561.913	1448.617
0.999	14.703			
8/14/2016 11:45:00 AM	308700.000	19.128	16.381	43.598
690.356	826.397	0.409	561.950	1448.527
0.999	14.703			
8/14/2016 12:00:00 PM	309600.000	19.121	16.382	43.582
690.383	826.424	0.409	561.968	1448.470
0.999	14.706			
8/14/2016 12:15:00 PM	310500.000	19.120	16.382	43.580
690.385	826.420	0.409	561.966	1448.468
0.999	14.703			
8/14/2016 12:30:00 PM	311400.000	19.127	16.381	43.595
690.395	826.446	0.409	561.983	1448.446
0.999	14.699			
8/14/2016 12:45:00 PM	312300.000	19.123	16.381	43.587
690.472	826.532	0.409	562.042	1448.284
0.999	14.704			
8/14/2016 1:00:00 PM	313200.000	19.134	16.381	43.612
690.359	826.405	0.409	561.956	1448.521
0.999	14.695			
8/14/2016 1:15:00 PM	314100.000	19.126	16.381	43.594

690.358	826.405	0.409	561.956	1448.523
0.999	14.701			
8/14/2016 1:30:00 PM	315000.000	19.124	16.381	43.590
690.335	826.381	0.409	561.939	1448.572
0.999	14.698			
8/14/2016 1:45:00 PM	315900.000	19.121	16.381	43.582
690.273	826.311	0.409	561.891	1448.701
0.999	14.705			
8/14/2016 2:00:00 PM	316800.000	19.132	16.381	43.608
690.359	826.410	0.409	561.959	1448.521
0.999	14.699			
8/14/2016 2:15:00 PM	317700.000	19.129	16.381	43.602
690.250	826.279	0.409	561.870	1448.751
0.999	14.691			
8/14/2016 2:30:00 PM	318600.000	19.128	16.381	43.599
690.257	826.286	0.409	561.875	1448.735
0.999	14.697			
8/14/2016 2:45:00 PM	319500.000	19.125	16.381	43.592
690.229	826.254	0.409	561.853	1448.795
0.999	14.698			
8/14/2016 3:00:00 PM	320400.000	19.128	16.381	43.598
690.236	826.260	0.409	561.857	1448.781
0.999	14.691			
8/14/2016 3:15:00 PM	321300.000	19.123	16.381	43.586
690.212	826.224	0.408	561.832	1448.830
0.999	14.690			
8/14/2016 3:30:00 PM	322200.000	19.124	16.382	43.589
690.204	826.208	0.408	561.821	1448.847
0.999	14.691			
8/14/2016 3:45:00 PM	323100.000	19.126	16.381	43.594
690.160	826.158	0.408	561.787	1448.940
0.999	14.692			
8/14/2016 4:00:00 PM	324000.000	19.131	16.381	43.605
690.165	826.168	0.408	561.794	1448.928
0.999	14.686			
8/14/2016 4:15:00 PM	324900.000	19.119	16.380	43.579
690.161	826.180	0.408	561.803	1448.938
0.999	14.693			
8/14/2016 4:30:00 PM	325800.000	19.126	16.380	43.595
690.076	826.075	0.408	561.731	1449.116
0.999	14.683			
8/14/2016 4:45:00 PM	326700.000	19.131	16.380	43.604
690.194	826.224	0.408	561.832	1448.867
0.999	14.685			
8/14/2016 5:00:00 PM	327600.000	19.117	16.380	43.573
690.132	826.158	0.408	561.787	1448.998
0.999	14.691			
8/14/2016 5:15:00 PM	328500.000	19.123	16.379	43.588
690.125	826.156	0.408	561.786	1449.012
0.999	14.689			
8/14/2016 5:30:00 PM	329400.000	19.126	16.380	43.595
690.195	826.234	0.408	561.839	1448.865
0.999	14.686			
8/14/2016 5:45:00 PM	330300.000	19.126	16.379	43.594
690.191	826.239	0.408	561.842	1448.873
0.999	14.686			

8/14/2016 6:00:00 PM	331200.000	19.125	16.380	43.592
690.204	826.246	0.408	561.847	1448.847
0.999	14.688			
8/14/2016 6:15:00 PM	332100.000	19.124	16.380	43.590
690.095	826.106	0.408	561.752	1449.077
0.999	14.688			
8/14/2016 6:30:00 PM	333000.000	19.131	16.380	43.605
690.269	826.318	0.409	561.897	1448.710
0.999	14.684			
8/14/2016 6:45:00 PM	333900.000	19.134	16.380	43.611
690.160	826.192	0.408	561.810	1448.938
0.999	14.683			
8/14/2016 7:00:00 PM	334800.000	19.131	16.379	43.606
690.108	826.137	0.408	561.773	1449.048
0.999	14.685			
8/14/2016 7:15:00 PM	335700.000	19.124	16.379	43.590
690.154	826.187	0.408	561.807	1448.952
0.999	14.687			
8/14/2016 7:30:00 PM	336600.000	19.125	16.379	43.591
690.127	826.164	0.408	561.792	1449.010
0.999	14.686			
8/14/2016 7:45:00 PM	337500.000	19.126	16.380	43.594
690.354	826.420	0.409	561.966	1448.533
0.999	14.686			
8/14/2016 8:00:00 PM	338400.000	19.135	16.380	43.615
690.146	826.172	0.408	561.797	1448.969
0.999	14.689			
8/14/2016 8:15:00 PM	339300.000	19.128	16.379	43.598
690.207	826.257	0.409	561.855	1448.842
0.999	14.688			
8/14/2016 8:30:00 PM	340200.000	19.122	16.379	43.584
690.280	826.352	0.409	561.919	1448.687
0.999	14.694			
8/14/2016 8:45:00 PM	341100.000	19.128	16.378	43.599
690.263	826.343	0.409	561.913	1448.723
0.999	14.690			
8/14/2016 9:00:00 PM	342000.000	19.116	16.379	43.572
690.325	826.410	0.409	561.959	1448.594
0.999	14.700			
8/14/2016 9:15:00 PM	342900.000	19.122	16.378	43.585
690.246	826.326	0.409	561.902	1448.758
0.999	14.696			
8/14/2016 9:30:00 PM	343800.000	19.124	16.378	43.590
690.421	826.526	0.409	562.038	1448.392
0.999	14.698			
8/14/2016 9:45:00 PM	344700.000	19.128	16.379	43.599
690.462	826.574	0.409	562.070	1448.306
0.999	14.698			
8/14/2016 10:00:00 PM	345600.000	19.124	16.379	43.590
690.343	826.428	0.409	561.971	1448.555
0.999	14.699			
8/14/2016 10:15:00 PM	346500.000	19.125	16.378	43.591
690.362	826.458	0.409	561.991	1448.516
0.999	14.698			
8/14/2016 10:30:00 PM	347400.000	19.127	16.378	43.596
690.408	826.511	0.409	562.028	1448.420

0.999	14.700			
8/14/2016 10:45:00 PM	348300.000	19.123	16.379	43.587
690.437	826.543	0.409	562.049	1448.358
0.999	14.700			
8/14/2016 11:00:00 PM	349200.000	19.124	16.378	43.590
690.356	826.456	0.409	561.990	1448.527
0.999	14.701			
8/14/2016 11:15:00 PM	350100.000	19.129	16.378	43.600
690.357	826.465	0.409	561.996	1448.526
0.999	14.700			
8/14/2016 11:30:00 PM	351000.000	19.125	16.378	43.592
690.348	826.443	0.409	561.981	1448.545
0.999	14.700			
8/14/2016 11:45:00 PM	351900.000	19.130	16.378	43.604
690.323	826.413	0.409	561.961	1448.598
0.999	14.698			
8/15/2016 12:00:00 AM	352800.000	19.124	16.378	43.590
690.451	826.563	0.409	562.063	1448.329
0.999	14.705			
8/15/2016 12:15:00 AM	353700.000	19.126	16.379	43.593
690.357	826.445	0.409	561.983	1448.525
0.999	14.703			
8/15/2016 12:30:00 AM	354600.000	19.122	16.378	43.585
690.388	826.493	0.409	562.015	1448.460
0.999	14.704			
8/15/2016 12:45:00 AM	355500.000	19.118	16.378	43.575
690.460	826.577	0.409	562.072	1448.310
0.999	14.712			
8/15/2016 1:00:00 AM	356400.000	19.129	16.379	43.601
690.427	826.529	0.409	562.040	1448.379
0.999	14.706			
8/15/2016 1:15:00 AM	357300.000	19.120	16.378	43.581
690.303	826.386	0.409	561.942	1448.639
0.999	14.709			
8/15/2016 1:30:00 AM	358200.000	19.119	16.379	43.577
690.435	826.534	0.409	562.043	1448.362
0.999	14.707			
8/15/2016 1:45:00 AM	359100.000	19.120	16.379	43.579
690.477	826.580	0.409	562.074	1448.273
0.999	14.707			
8/15/2016 2:00:00 AM	360000.000	19.121	16.378	43.582
690.385	826.487	0.409	562.011	1448.468
0.999	14.704			
8/15/2016 2:15:00 AM	360900.000	19.123	16.378	43.586
690.424	826.531	0.409	562.041	1448.384
0.999	14.702			
8/15/2016 2:30:00 AM	361800.000	19.132	16.378	43.608
690.442	826.557	0.409	562.059	1448.348
0.999	14.703			
8/15/2016 2:45:00 AM	362700.000	19.125	16.378	43.593
690.473	826.596	0.409	562.085	1448.282
0.999	14.698			
8/15/2016 3:00:00 AM	363600.000	19.126	16.378	43.594
690.452	826.564	0.409	562.064	1448.326
0.999	14.698			
8/15/2016 3:15:00 AM	364500.000	19.126	16.378	43.593

690.507	826.641	0.409	562.116	1448.212
0.999	14.698			
8/15/2016 3:30:00 AM	365400.000	19.132	16.378	43.607
690.553	826.692	0.409	562.150	1448.115
0.999	14.695			
8/15/2016 3:45:00 AM	366300.000	19.127	16.378	43.597
690.489	826.618	0.409	562.100	1448.250
0.999	14.699			
8/15/2016 4:00:00 AM	367200.000	19.127	16.378	43.596
690.416	826.529	0.409	562.040	1448.403
0.999	14.697			
8/15/2016 4:15:00 AM	368100.000	19.125	16.379	43.592
690.504	826.624	0.409	562.105	1448.218
0.999	14.699			
8/15/2016 4:30:00 AM	369000.000	19.119	16.378	43.577
690.448	826.574	0.409	562.070	1448.336
0.999	14.701			
8/15/2016 4:45:00 AM	369900.000	19.124	16.378	43.589
690.497	826.635	0.409	562.112	1448.232
0.999	14.700			
8/15/2016 5:00:00 AM	370800.000	19.124	16.378	43.589
690.416	826.533	0.409	562.042	1448.402
0.999	14.702			
8/15/2016 5:15:00 AM	371700.000	19.120	16.378	43.581
690.457	826.579	0.409	562.074	1448.317
0.999	14.704			
8/15/2016 5:30:00 AM	372600.000	19.124	16.378	43.590
690.515	826.647	0.409	562.120	1448.195
0.999	14.707			
8/15/2016 5:45:00 AM	373500.000	19.127	16.378	43.597
690.564	826.698	0.409	562.155	1448.092
0.999	14.700			
8/15/2016 6:00:00 AM	374400.000	19.126	16.378	43.594
690.459	826.577	0.409	562.072	1448.313
0.999	14.705			
8/15/2016 6:15:00 AM	375300.000	19.135	16.379	43.615
690.772	826.946	0.409	562.323	1447.655
0.999	14.696			
8/15/2016 6:30:00 AM	376200.000	19.130	16.378	43.603
690.401	826.510	0.409	562.027	1448.433
0.999	14.705			
8/15/2016 6:45:00 AM	377100.000	19.123	16.378	43.588
690.571	826.717	0.409	562.168	1448.076
0.999	14.708			
8/15/2016 7:00:00 AM	378000.000	19.125	16.378	43.592
690.604	826.762	0.409	562.198	1448.008
0.999	14.712			
8/15/2016 7:15:00 AM	378900.000	19.123	16.378	43.587
690.492	826.627	0.409	562.107	1448.242
0.999	14.713			
8/15/2016 7:30:00 AM	379800.000	19.118	16.378	43.575
690.500	826.633	0.409	562.110	1448.226
0.999	14.717			
8/15/2016 7:45:00 AM	380700.000	19.121	16.378	43.582
690.540	826.686	0.409	562.146	1448.142
0.999	14.715			

8/15/2016 8:00:00 AM	381600.000	19.115	16.378	43.570
690.603	826.753	0.409	562.192	1448.011
0.999	14.720			
8/15/2016 8:15:00 AM	382500.000	19.120	16.378	43.581
690.733	826.907	0.409	562.297	1447.738
0.999	14.719			
8/15/2016 8:30:00 AM	383400.000	19.120	16.378	43.580
690.568	826.711	0.409	562.163	1448.084
0.999	14.719			
8/15/2016 8:45:00 AM	384300.000	19.121	16.378	43.583
690.581	826.732	0.409	562.178	1448.056
0.999	14.719			
8/15/2016 9:00:00 AM	385200.000	19.121	16.378	43.583
690.530	826.669	0.409	562.135	1448.164
0.999	14.722			
8/15/2016 9:15:00 AM	386100.000	19.118	16.377	43.577
690.518	826.663	0.409	562.131	1448.189
0.999	14.724			
8/15/2016 9:30:00 AM	387000.000	19.117	16.378	43.575
690.415	826.523	0.409	562.036	1448.404
0.999	14.726			
8/15/2016 9:45:00 AM	387900.000	19.121	16.379	43.582
690.415	826.517	0.409	562.031	1448.404
0.999	14.725			
8/15/2016 10:00:00 AM	388800.000	19.120	16.379	43.581
690.258	826.327	0.409	561.902	1448.734
0.999	14.726			
8/15/2016 10:15:00 AM	389700.000	19.120	16.379	43.580
690.367	826.454	0.409	561.988	1448.505
0.999	14.726			
8/15/2016 10:30:00 AM	390600.000	19.112	16.378	43.562
690.266	826.350	0.409	561.918	1448.717
0.999	14.732			
8/15/2016 10:45:00 AM	391500.000	19.120	16.378	43.580
690.281	826.364	0.409	561.928	1448.685
0.999	14.731			
8/15/2016 11:00:00 AM	392400.000	19.123	16.378	43.587
690.276	826.355	0.409	561.921	1448.696
0.999	14.728			
8/15/2016 11:15:00 AM	393300.000	19.116	16.378	43.572
690.283	826.374	0.409	561.934	1448.680
0.999	14.734			
8/15/2016 11:30:00 AM	394200.000	19.118	16.378	43.575
690.209	826.285	0.409	561.874	1448.836
0.999	14.731			
8/15/2016 11:45:00 AM	395100.000	19.125	16.378	43.591
690.217	826.292	0.409	561.879	1448.821
0.999	14.729			
8/15/2016 12:00:00 PM	396000.000	19.121	16.378	43.582
690.203	826.267	0.409	561.862	1448.850
0.999	14.726			
8/15/2016 12:15:00 PM	396900.000	19.119	16.378	43.579
690.284	826.365	0.409	561.928	1448.678
0.999	14.727			
8/15/2016 12:30:00 PM	397800.000	19.124	16.379	43.590
690.202	826.260	0.409	561.857	1448.851

0.999	14.722			
8/15/2016 12:45:00 PM	398700.000	19.123	16.379	43.588
690.268	826.340	0.409	561.911	1448.713
0.999	14.717			
8/15/2016 1:00:00 PM	399600.000	19.130	16.378	43.603
690.138	826.195	0.408	561.813	1448.985
0.999	14.714			
8/15/2016 1:15:00 PM	400500.000	19.124	16.379	43.590
690.117	826.160	0.408	561.789	1449.029
0.999	14.723			
8/15/2016 1:30:00 PM	401400.000	19.123	16.379	43.587
690.171	826.222	0.408	561.831	1448.917
0.999	14.720			
8/15/2016 1:45:00 PM	402300.000	19.132	16.379	43.608
690.103	826.136	0.408	561.773	1449.059
0.999	14.714			
8/15/2016 2:00:00 PM	403200.000	19.118	16.379	43.576
690.080	826.112	0.408	561.756	1449.108
0.999	14.721			
8/15/2016 2:15:00 PM	404100.000	19.122	16.379	43.585
690.192	826.251	0.408	561.851	1448.872
0.999	14.716			
8/15/2016 2:30:00 PM	405000.000	19.119	16.379	43.578
690.244	826.310	0.409	561.891	1448.764
0.999	14.721			
8/15/2016 2:45:00 PM	405900.000	19.116	16.379	43.572
690.078	826.108	0.408	561.754	1449.111
0.999	14.720			
8/15/2016 3:00:00 PM	406800.000	19.126	16.378	43.594
690.118	826.167	0.408	561.794	1449.028
0.999	14.714			
8/15/2016 3:15:00 PM	407700.000	19.128	16.378	43.599
690.128	826.178	0.408	561.801	1449.007
0.999	14.709			
8/15/2016 3:30:00 PM	408600.000	19.120	16.378	43.581
690.152	826.205	0.408	561.819	1448.956
0.999	14.716			
8/15/2016 3:45:00 PM	409500.000	19.131	16.379	43.605
690.125	826.170	0.408	561.796	1449.014
0.999	14.707			
8/15/2016 4:00:00 PM	410400.000	19.122	16.377	43.586
690.051	826.102	0.408	561.750	1449.168
0.999	14.710			
8/15/2016 4:15:00 PM	411300.000	19.120	16.378	43.581
690.133	826.195	0.408	561.812	1448.997
0.999	14.709			
8/15/2016 4:30:00 PM	412200.000	19.123	16.377	43.587
690.188	826.271	0.409	561.865	1448.880
0.999	14.707			
8/15/2016 4:45:00 PM	413100.000	19.129	16.377	43.600
690.187	826.270	0.409	561.863	1448.883
0.999	14.703			
8/15/2016 5:00:00 PM	414000.000	19.126	16.377	43.595
690.133	826.209	0.408	561.822	1448.996
0.999	14.702			
8/15/2016 5:15:00 PM	414900.000	19.126	16.377	43.593

690.186	826.264	0.409	561.860	1448.884
0.999	14.706			
8/15/2016 5:30:00 PM	415800.000	19.128	16.377	43.598
690.059	826.115	0.408	561.758	1449.151
0.999	14.706			
8/15/2016 5:45:00 PM	416700.000	19.129	16.377	43.601
690.203	826.284	0.409	561.873	1448.849
0.999	14.702			
8/15/2016 6:00:00 PM	417600.000	19.130	16.377	43.604
690.154	826.235	0.408	561.840	1448.953
0.999	14.706			
8/15/2016 6:15:00 PM	418500.000	19.127	16.378	43.596
690.179	826.252	0.408	561.851	1448.900
0.999	14.699			
8/15/2016 6:30:00 PM	419400.000	19.126	16.376	43.594
690.333	826.458	0.409	561.991	1448.577
0.999	14.701			
8/15/2016 6:45:00 PM	420300.000	19.124	16.377	43.589
690.128	826.211	0.408	561.823	1449.006
0.999	14.702			
8/15/2016 7:00:00 PM	421200.000	19.125	16.376	43.593
690.224	826.330	0.409	561.905	1448.806
0.999	14.700			
8/15/2016 7:15:00 PM	422100.000	19.125	16.376	43.593
690.133	826.227	0.408	561.834	1448.996
0.999	14.700			
8/15/2016 7:30:00 PM	423000.000	19.127	16.376	43.597
690.177	826.283	0.409	561.872	1448.904
0.999	14.698			
8/15/2016 7:45:00 PM	423900.000	19.124	16.376	43.591
690.210	826.321	0.409	561.898	1448.834
0.999	14.701			
8/15/2016 8:00:00 PM	424800.000	19.129	16.376	43.602
690.202	826.308	0.409	561.889	1448.851
0.999	14.704			
8/15/2016 8:15:00 PM	425700.000	19.124	16.377	43.589
690.381	826.509	0.409	562.026	1448.475
0.999	14.703			
8/15/2016 8:30:00 PM	426600.000	19.125	16.377	43.592
690.269	826.379	0.409	561.937	1448.710
0.999	14.704			
8/15/2016 8:45:00 PM	427500.000	19.123	16.376	43.586
690.291	826.408	0.409	561.957	1448.664
0.999	14.703			
8/15/2016 9:00:00 PM	428400.000	19.124	16.376	43.590
690.250	826.367	0.409	561.930	1448.750
0.999	14.705			
8/15/2016 9:15:00 PM	429300.000	19.125	16.377	43.592
690.337	826.461	0.409	561.994	1448.568
0.999	14.701			
8/15/2016 9:30:00 PM	430200.000	19.122	16.376	43.586
690.355	826.484	0.409	562.009	1448.531
0.999	14.708			
8/15/2016 9:45:00 PM	431100.000	19.122	16.376	43.584
690.362	826.492	0.409	562.015	1448.516
0.999	14.713			

8/15/2016 10:00:00 PM	432000.000		19.125	16.376	43.591
690.232	826.341	0.409		561.912	1448.788
0.999	14.709				
8/15/2016 10:15:00 PM	432900.000		19.118	16.376	43.576
690.474	826.630	0.409		562.108	1448.281
0.999	14.713				
8/15/2016 10:30:00 PM	433800.000		19.119	16.377	43.577
690.302	826.419	0.409		561.965	1448.641
0.999	14.709				
8/15/2016 10:45:00 PM	434700.000		19.124	16.376	43.590
690.437	826.592	0.409		562.083	1448.359
0.999	14.705				
8/15/2016 11:00:00 PM	435600.000		19.128	16.376	43.599
690.390	826.529	0.409		562.040	1448.457
0.999	14.702				
8/15/2016 11:15:00 PM	436500.000		19.127	16.376	43.597
690.419	826.570	0.409		562.068	1448.397
0.999	14.700				
8/15/2016 11:30:00 PM	437400.000		19.123	16.376	43.588
690.427	826.585	0.409		562.078	1448.379
0.999	14.706				
8/15/2016 11:45:00 PM	438300.000		19.125	16.376	43.593
690.467	826.629	0.409		562.108	1448.296
0.999	14.701				
8/16/2016 12:00:00 AM	439200.000		19.126	16.376	43.593
690.493	826.651	0.409		562.123	1448.240
0.999	14.705				
8/16/2016 12:15:00 AM	440100.000		19.123	16.376	43.588
690.524	826.697	0.409		562.154	1448.175
0.999	14.705				
8/16/2016 12:30:00 AM	441000.000		19.124	16.376	43.588
690.467	826.620	0.409		562.101	1448.296
0.999	14.705				
8/16/2016 12:45:00 AM	441900.000		19.126	16.376	43.594
690.435	826.595	0.409		562.085	1448.362
0.999	14.704				
8/16/2016 1:00:00 AM	442800.000		19.118	16.376	43.576
690.445	826.602	0.409		562.089	1448.342
0.999	14.703				
8/16/2016 1:15:00 AM	443700.000		19.120	16.376	43.581
690.474	826.637	0.409		562.113	1448.281
0.999	14.699				
8/16/2016 1:30:00 AM	444600.000		19.126	16.376	43.594
690.444	826.601	0.409		562.089	1448.342
0.999	14.699				
8/16/2016 1:45:00 AM	445500.000		19.122	16.377	43.585
690.617	826.797	0.409		562.222	1447.979
0.999	14.699				
8/16/2016 2:00:00 AM	446400.000		19.126	16.376	43.593
690.382	826.525	0.409		562.037	1448.473
0.999	14.695				
8/16/2016 2:15:00 AM	447300.000		19.124	16.376	43.590
690.537	826.710	0.409		562.163	1448.149
0.999	14.695				
8/16/2016 2:30:00 AM	448200.000		19.125	16.376	43.592
690.558	826.732	0.409		562.178	1448.105

0.999	14.693			
8/16/2016 2:45:00 AM	449100.000	19.122	16.376	43.585
690.524	826.694	0.409	562.152	1448.175
0.999	14.693			
8/16/2016 3:00:00 AM	450000.000	19.121	16.376	43.582
690.515	826.677	0.409	562.141	1448.195
0.999	14.694			
8/16/2016 3:15:00 AM	450900.000	19.121	16.376	43.583
690.497	826.660	0.409	562.129	1448.233
0.999	14.694			
8/16/2016 3:30:00 AM	451800.000	19.124	16.376	43.590
690.458	826.611	0.409	562.096	1448.313
0.999	14.692			
8/16/2016 3:45:00 AM	452700.000	19.130	16.376	43.603
690.548	826.731	0.409	562.177	1448.125
0.999	14.687			
8/16/2016 4:00:00 AM	453600.000	19.120	16.376	43.580
690.428	826.587	0.409	562.079	1448.376
0.999	14.693			
8/16/2016 4:15:00 AM	454500.000	19.122	16.376	43.586
690.489	826.656	0.409	562.126	1448.250
0.999	14.685			
8/16/2016 4:30:00 AM	455400.000	19.119	16.376	43.579
690.464	826.629	0.409	562.108	1448.301
0.999	14.694			
8/16/2016 4:45:00 AM	456300.000	19.119	16.376	43.578
690.522	826.698	0.409	562.155	1448.180
0.999	14.689			
8/16/2016 5:00:00 AM	457200.000	19.120	16.376	43.580
690.492	826.666	0.409	562.133	1448.242
0.999	14.688			
8/16/2016 5:15:00 AM	458100.000	19.128	16.376	43.598
690.495	826.662	0.409	562.130	1448.236
0.999	14.680			
8/16/2016 5:30:00 AM	459000.000	19.127	16.377	43.596
690.561	826.729	0.409	562.176	1448.099
0.999	14.688			
8/16/2016 5:45:00 AM	459900.000	19.121	16.376	43.582
690.619	826.810	0.409	562.231	1447.977
0.999	14.693			
8/16/2016 6:00:00 AM	460800.000	19.122	16.376	43.586
690.530	826.707	0.409	562.161	1448.163
0.999	14.694			
8/16/2016 6:15:00 AM	461700.000	19.125	16.376	43.591
690.411	826.566	0.409	562.065	1448.413
0.999	14.692			
8/16/2016 6:30:00 AM	462600.000	19.117	16.376	43.574
690.474	826.645	0.409	562.119	1448.280
0.999	14.697			
8/16/2016 6:45:00 AM	463500.000	19.126	16.376	43.594
690.412	826.559	0.409	562.060	1448.411
0.999	14.697			
8/16/2016 7:00:00 AM	464400.000	19.121	16.376	43.582
690.483	826.639	0.409	562.115	1448.262
0.999	14.700			
8/16/2016 7:15:00 AM	465300.000	19.119	16.376	43.577

690.492	826.657	0.409	562.127	1448.242
0.999	14.701			
8/16/2016 7:30:00 AM	466200.000	19.119	16.376	43.578
690.511	826.688	0.409	562.148	1448.203
0.999	14.702			
8/16/2016 7:45:00 AM	467100.000	19.123	16.376	43.587
690.459	826.619	0.409	562.101	1448.312
0.999	14.703			
8/16/2016 8:00:00 AM	468000.000	19.125	16.376	43.591
690.483	826.647	0.409	562.120	1448.262
0.999	14.701			
8/16/2016 8:15:00 AM	468900.000	19.118	16.376	43.576
690.620	826.813	0.409	562.233	1447.974
0.999	14.703			
8/16/2016 8:30:00 AM	469800.000	19.126	16.376	43.594
690.360	826.492	0.409	562.015	1448.520
0.999	14.704			
8/16/2016 8:45:00 AM	470700.000	19.122	16.376	43.585
690.427	826.578	0.409	562.073	1448.380
0.999	14.704			
8/16/2016 9:00:00 AM	471600.000	19.120	16.376	43.581
690.372	826.508	0.409	562.026	1448.494
0.999	14.705			
8/16/2016 9:15:00 AM	472500.000	19.124	16.376	43.590
690.388	826.531	0.409	562.041	1448.460
0.999	14.702			
8/16/2016 9:30:00 AM	473400.000	19.106	16.376	43.547
690.401	826.556	0.409	562.058	1448.434
0.999	14.713			
8/16/2016 9:45:00 AM	474300.000	19.131	16.375	43.604
690.419	826.590	0.409	562.081	1448.395
0.999	14.699			
8/16/2016 10:00:00 AM	475200.000	19.125	16.376	43.591
690.437	826.596	0.409	562.086	1448.357
0.999	14.698			
8/16/2016 10:15:00 AM	476100.000	19.121	16.375	43.582
690.467	826.640	0.409	562.115	1448.296
0.999	14.702			
8/16/2016 10:30:00 AM	477000.000	19.121	16.376	43.583
690.456	826.619	0.409	562.101	1448.318
0.999	14.703			
8/16/2016 10:45:00 AM	477900.000	19.122	16.376	43.585
690.359	826.503	0.409	562.022	1448.521
0.999	14.701			
8/16/2016 11:00:00 AM	478800.000	19.121	16.376	43.582
690.354	826.498	0.409	562.018	1448.533
0.999	14.706			
8/16/2016 11:15:00 AM	479700.000	19.119	16.376	43.579
690.294	826.421	0.409	561.966	1448.659
0.999	14.709			
8/16/2016 11:30:00 AM	480600.000	19.130	16.376	43.603
690.350	826.495	0.409	562.017	1448.540
0.999	14.697			
8/16/2016 11:45:00 AM	481500.000	19.121	16.375	43.583
690.273	826.408	0.409	561.958	1448.701
0.999	14.703			

8/16/2016 12:00:00 PM	482400.000		19.122		16.375		43.584
690.262	826.395	0.409		561.949		1448.725	
0.999	14.707						
8/16/2016 12:15:00 PM	483300.000		19.119		16.375		43.578
690.260	826.396	0.409		561.949		1448.729	
0.999	14.705						
8/16/2016 12:30:00 PM	484200.000		19.121		16.376		43.582
690.271	826.402	0.409		561.954		1448.705	
0.999	14.708						
8/16/2016 12:45:00 PM	485100.000		19.126		16.376		43.593
690.235	826.354	0.409		561.921		1448.783	
0.999	14.701						
8/16/2016 1:00:00 PM	486000.000		19.114		16.376		43.567
690.360	826.507	0.409		562.025		1448.520	
0.999	14.709						
8/16/2016 1:15:00 PM	486900.000		19.119		16.376		43.577
690.242	826.354	0.409		561.921		1448.767	
0.999	14.708						
8/16/2016 1:30:00 PM	487800.000		19.120		16.376		43.580
690.178	826.275	0.409		561.867		1448.902	
0.999	14.704						
8/16/2016 1:45:00 PM	488700.000		19.113		16.377		43.564
690.219	826.319	0.409		561.897		1448.815	
0.999	14.708						
8/16/2016 2:00:00 PM	489600.000		19.120		16.376		43.581
690.179	826.282	0.409		561.872		1448.899	
0.999	14.703						
8/16/2016 2:15:00 PM	490500.000		19.116		16.376		43.571
690.210	826.318	0.409		561.896		1448.834	
0.999	14.708						
8/16/2016 2:30:00 PM	491400.000		19.119		16.376		43.578
690.299	826.435	0.409		561.976		1448.648	
0.999	14.699						
8/16/2016 2:45:00 PM	492300.000		19.124		16.375		43.590
690.130	826.243	0.408		561.845		1449.003	
0.999	14.697						
8/16/2016 3:00:00 PM	493200.000		19.119		16.375		43.578
690.306	826.459	0.409		561.992		1448.633	
0.999	14.696						
8/16/2016 3:15:00 PM	494100.000		19.120		16.375		43.580
690.299	826.447	0.409		561.984		1448.648	
0.999	14.693						
8/16/2016 3:30:00 PM	495000.000		19.116		16.375		43.572
690.275	826.420	0.409		561.966		1448.697	
0.999	14.693						
8/16/2016 3:45:00 PM	495900.000		19.123		16.374		43.586
690.266	826.419	0.409		561.965		1448.717	
0.999	14.693						
8/16/2016 4:00:00 PM	496800.000		19.125		16.375		43.592
690.244	826.386	0.409		561.943		1448.763	
0.999	14.690						
8/16/2016 4:15:00 PM	497700.000		19.119		16.375		43.579
690.321	826.478	0.409		562.005		1448.602	
0.999	14.691						
8/16/2016 4:30:00 PM	498600.000		19.119		16.375		43.579
690.484	826.674	0.409		562.138		1448.260	

0.999	14.690			
8/16/2016 4:45:00 PM	499500.000	19.130	16.375	43.602
690.409	826.580	0.409	562.074	1448.418
0.999	14.687			
8/16/2016 5:00:00 PM	500400.000	19.117	16.375	43.574
690.219	826.358	0.409	561.924	1448.816
0.999	14.691			
8/16/2016 5:15:00 PM	501300.000	19.120	16.373	43.581
690.296	826.472	0.409	562.001	1448.654
0.999	14.689			
8/16/2016 5:30:00 PM	502200.000	19.126	16.374	43.593
690.241	826.405	0.409	561.955	1448.769
0.999	14.685			
8/16/2016 5:45:00 PM	503100.000	19.128	16.373	43.599
690.235	826.405	0.409	561.955	1448.783
0.999	14.681			
8/16/2016 6:00:00 PM	504000.000	19.120	16.374	43.580
690.364	826.551	0.409	562.055	1448.512
0.999	14.684			
8/16/2016 6:15:00 PM	504900.000	19.127	16.374	43.596
690.354	826.533	0.409	562.042	1448.532
0.999	14.680			
8/16/2016 6:30:00 PM	505800.000	19.129	16.374	43.600
690.285	826.447	0.409	561.984	1448.677
0.999	14.677			
8/16/2016 6:45:00 PM	506700.000	19.121	16.374	43.583
690.250	826.402	0.409	561.954	1448.750
0.999	14.679			
8/16/2016 7:00:00 PM	507600.000	19.121	16.374	43.583
690.337	826.516	0.409	562.031	1448.568
0.999	14.679			
8/16/2016 7:15:00 PM	508500.000	19.124	16.373	43.590
690.311	826.497	0.409	562.018	1448.622
0.999	14.681			
8/16/2016 7:30:00 PM	509400.000	19.124	16.373	43.589
690.366	826.562	0.409	562.062	1448.507
0.999	14.685			
8/16/2016 7:45:00 PM	510300.000	19.126	16.373	43.593
690.394	826.605	0.409	562.092	1448.449
0.999	14.682			
8/16/2016 8:00:00 PM	511200.000	19.126	16.372	43.593
690.365	826.583	0.409	562.076	1448.509
0.999	14.682			
8/16/2016 8:15:00 PM	512100.000	19.130	16.373	43.602
690.540	826.772	0.409	562.205	1448.142
0.999	14.679			
8/16/2016 8:30:00 PM	513000.000	19.123	16.373	43.587
690.359	826.560	0.409	562.061	1448.522
0.999	14.685			
8/16/2016 8:45:00 PM	513900.000	19.119	16.373	43.579
690.440	826.649	0.409	562.122	1448.352
0.999	14.690			
8/16/2016 9:00:00 PM	514800.000	19.122	16.373	43.585
690.412	826.623	0.409	562.104	1448.410
0.999	14.690			
8/16/2016 9:15:00 PM	515700.000	19.120	16.373	43.579

690.491	826.712	0.409	562.164	1448.245
0.999	14.691			
8/16/2016 9:30:00 PM	516600.000	19.121	16.373	43.582
690.472	826.686	0.409	562.146	1448.284
0.999	14.695			
8/16/2016 9:45:00 PM	517500.000	19.126	16.373	43.594
690.411	826.623	0.409	562.104	1448.412
0.999	14.690			
8/16/2016 10:00:00 PM	518400.000	19.121	16.373	43.582
690.517	826.738	0.409	562.182	1448.189
0.999	14.695			
8/16/2016 10:15:00 PM	519300.000	19.116	16.374	43.572
690.517	826.729	0.409	562.176	1448.191
0.999	14.696			
8/16/2016 10:30:00 PM	520200.000	19.116	16.373	43.571
690.567	826.797	0.409	562.222	1448.086
0.999	14.689			
8/16/2016 10:45:00 PM	521100.000	19.122	16.373	43.586
690.538	826.762	0.409	562.198	1448.146
0.999	14.689			
8/16/2016 11:00:00 PM	522000.000	19.122	16.373	43.584
690.485	826.702	0.409	562.157	1448.257
0.999	14.686			
8/16/2016 11:15:00 PM	522900.000	19.119	16.373	43.578
690.514	826.742	0.409	562.185	1448.197
0.999	14.688			
8/16/2016 11:30:00 PM	523800.000	19.121	16.373	43.584
690.556	826.791	0.409	562.218	1448.109
0.999	14.685			
8/16/2016 11:45:00 PM	524700.000	19.115	16.373	43.568
690.559	826.791	0.409	562.218	1448.103
0.999	14.686			
8/17/2016 12:00:00 AM	525600.000	19.113	16.373	43.564
690.536	826.762	0.409	562.198	1448.151
0.999	14.687			
8/17/2016 12:15:00 AM	526500.000	19.116	16.373	43.571
690.543	826.767	0.409	562.202	1448.136
0.999	14.688			
8/17/2016 12:30:00 AM	527400.000	19.117	16.373	43.573
690.591	826.832	0.409	562.246	1448.035
0.999	14.686			
8/17/2016 12:45:00 AM	528300.000	19.115	16.373	43.569
690.515	826.738	0.409	562.182	1448.193
0.999	14.687			
8/17/2016 1:00:00 AM	529200.000	19.121	16.373	43.583
690.538	826.763	0.409	562.199	1448.146
0.999	14.685			
8/17/2016 1:15:00 AM	530100.000	19.117	16.373	43.573
690.585	826.817	0.409	562.236	1448.049
0.999	14.685			
8/17/2016 1:30:00 AM	531000.000	19.118	16.374	43.576
690.661	826.902	0.409	562.293	1447.889
0.999	14.683			
8/17/2016 1:45:00 AM	531900.000	19.120	16.374	43.580
690.674	826.920	0.409	562.305	1447.860
0.999	14.678			

8/17/2016 2:00:00 AM	532800.000	19.121	16.374	43.583
690.536	826.756	0.409	562.194	1448.151
0.999	14.678			
8/17/2016 2:15:00 AM	533700.000	19.124	16.374	43.590
690.488	826.700	0.409	562.156	1448.251
0.999	14.671			
8/17/2016 2:30:00 AM	534600.000	19.120	16.374	43.580
690.540	826.763	0.409	562.199	1448.141
0.999	14.678			
8/17/2016 2:45:00 AM	535500.000	19.124	16.373	43.590
690.622	826.862	0.409	562.266	1447.971
0.999	14.669			
8/17/2016 3:00:00 AM	536400.000	19.114	16.373	43.566
690.781	827.062	0.409	562.402	1447.638
0.999	14.675			
8/17/2016 3:15:00 AM	537300.000	19.125	16.373	43.591
690.604	826.845	0.409	562.255	1448.008
0.999	14.670			
8/17/2016 3:30:00 AM	538200.000	19.113	16.373	43.564
690.696	826.955	0.409	562.329	1447.814
0.999	14.671			
8/17/2016 3:45:00 AM	539100.000	19.118	16.373	43.576
690.624	826.869	0.409	562.271	1447.967
0.999	14.669			
8/17/2016 4:00:00 AM	540000.000	19.125	16.373	43.591
690.682	826.946	0.409	562.323	1447.844
0.999	14.664			
8/17/2016 4:15:00 AM	540900.000	19.116	16.373	43.570
690.648	826.900	0.409	562.292	1447.915
0.999	14.670			
8/17/2016 4:30:00 AM	541800.000	19.110	16.373	43.557
690.813	827.098	0.409	562.426	1447.569
0.999	14.672			
8/17/2016 4:45:00 AM	542700.000	19.125	16.373	43.591
690.633	826.881	0.409	562.279	1447.948
0.999	14.663			
8/17/2016 5:00:00 AM	543600.000	19.119	16.373	43.579
690.675	826.942	0.409	562.321	1447.859
0.999	14.668			
8/17/2016 5:15:00 AM	544500.000	19.123	16.373	43.588
690.638	826.894	0.409	562.288	1447.938
0.999	14.664			
8/17/2016 5:30:00 AM	545400.000	19.111	16.373	43.561
690.695	826.956	0.409	562.330	1447.818
0.999	14.669			
8/17/2016 5:45:00 AM	546300.000	19.124	16.373	43.589
690.630	826.873	0.409	562.274	1447.953
0.999	14.664			
8/17/2016 6:00:00 AM	547200.000	19.121	16.373	43.582
690.615	826.863	0.409	562.267	1447.985
0.999	14.663			
8/17/2016 6:15:00 AM	548100.000	19.115	16.373	43.569
690.509	826.731	0.409	562.177	1448.206
0.999	14.668			
8/17/2016 6:30:00 AM	549000.000	19.115	16.373	43.568
690.557	826.792	0.409	562.219	1448.107

0.999	14.671			
8/17/2016 6:45:00 AM	549900.000	19.118	16.374	43.576
690.540	826.757	0.409	562.195	1448.143
0.999	14.672			
8/17/2016 7:00:00 AM	550800.000	19.116	16.374	43.572
690.470	826.674	0.409	562.138	1448.289
0.999	14.675			
8/17/2016 7:15:00 AM	551700.000	19.122	16.374	43.584
690.461	826.666	0.409	562.133	1448.308
0.999	14.674			
8/17/2016 7:30:00 AM	552600.000	19.111	16.373	43.560
690.509	826.732	0.409	562.178	1448.206
0.999	14.683			
8/17/2016 7:45:00 AM	553500.000	19.115	16.372	43.569
690.540	826.786	0.409	562.214	1448.141
0.999	14.681			
8/17/2016 8:00:00 AM	554400.000	19.119	16.372	43.579
690.493	826.731	0.409	562.177	1448.240
0.999	14.681			
8/17/2016 8:15:00 AM	555300.000	19.115	16.372	43.569
690.702	826.979	0.409	562.346	1447.803
0.999	14.686			
8/17/2016 8:30:00 AM	556200.000	19.114	16.373	43.566
690.549	826.788	0.409	562.216	1448.122
0.999	14.686			
8/17/2016 8:45:00 AM	557100.000	19.115	16.373	43.570
690.587	826.825	0.409	562.241	1448.044
0.999	14.684			
8/17/2016 9:00:00 AM	558000.000	19.112	16.374	43.562
690.532	826.745	0.409	562.187	1448.160
0.999	14.686			
8/17/2016 9:15:00 AM	558900.000	19.120	16.374	43.580
690.473	826.677	0.409	562.140	1448.283
0.999	14.681			
8/17/2016 9:30:00 AM	559800.000	19.124	16.374	43.589
690.454	826.651	0.409	562.123	1448.322
0.999	14.684			
8/17/2016 9:45:00 AM	560700.000	19.112	16.374	43.563
690.474	826.678	0.409	562.141	1448.281
0.999	14.686			
8/17/2016 10:00:00 AM	561600.000	19.114	16.374	43.568
690.406	826.599	0.409	562.087	1448.423
0.999	14.684			
8/17/2016 10:15:00 AM	562500.000	19.116	16.374	43.571
690.503	826.714	0.409	562.166	1448.220
0.999	14.684			
8/17/2016 10:30:00 AM	563400.000	19.113	16.373	43.565
690.418	826.623	0.409	562.104	1448.397
0.999	14.687			
8/17/2016 10:45:00 AM	564300.000	19.117	16.374	43.573
690.361	826.545	0.409	562.051	1448.517
0.999	14.684			
8/17/2016 11:00:00 AM	565200.000	19.112	16.374	43.563
690.330	826.511	0.409	562.028	1448.582
0.999	14.685			
8/17/2016 11:15:00 AM	566100.000	19.119	16.374	43.578

690.367	826.548	0.409	562.053	1448.505
0.999	14.682			
8/17/2016 11:30:00 AM	567000.000	19.118	16.373	43.575
690.456	826.664	0.409	562.132	1448.319
0.999	14.683			
8/17/2016 11:45:00 AM	567900.000	19.117	16.374	43.574
690.335	826.515	0.409	562.030	1448.572
0.999	14.680			
8/17/2016 12:00:00 PM	568800.000	19.117	16.374	43.572
690.374	826.562	0.409	562.062	1448.491
0.999	14.677			
8/17/2016 12:15:00 PM	569700.000	19.118	16.374	43.576
690.300	826.472	0.409	562.001	1448.645
0.999	14.679			
8/17/2016 12:30:00 PM	570600.000	19.102	16.374	43.540
690.359	826.534	0.409	562.043	1448.522
0.999	14.693			
8/17/2016 12:45:00 PM	571500.000	19.113	16.375	43.564
690.292	826.444	0.409	561.982	1448.662
0.999	14.683			
8/17/2016 1:00:00 PM	572400.000	19.114	16.374	43.567
690.325	826.497	0.409	562.018	1448.593
0.999	14.676			
8/17/2016 1:15:00 PM	573300.000	19.108	16.374	43.553
690.295	826.456	0.409	561.990	1448.656
0.999	14.679			
8/17/2016 1:30:00 PM	574200.000	19.123	16.375	43.587
690.310	826.463	0.409	561.995	1448.625
0.999	14.669			
8/17/2016 1:45:00 PM	575100.000	19.120	16.375	43.581
690.459	826.646	0.409	562.119	1448.312
0.999	14.673			
8/17/2016 2:00:00 PM	576000.000	19.123	16.375	43.586
690.258	826.398	0.409	561.950	1448.735
0.999	14.668			
8/17/2016 2:15:00 PM	576900.000	19.113	16.375	43.564
690.357	826.509	0.409	562.026	1448.525
0.999	14.675			
8/17/2016 2:30:00 PM	577800.000	19.108	16.375	43.554
690.333	826.484	0.409	562.009	1448.575
0.999	14.680			
8/17/2016 2:45:00 PM	578700.000	19.106	16.375	43.550
690.198	826.328	0.409	561.903	1448.860
0.999	14.674			
8/17/2016 3:00:00 PM	579600.000	19.115	16.375	43.569
690.311	826.462	0.409	561.994	1448.622
0.999	14.671			
8/17/2016 3:15:00 PM	580500.000	19.111	16.374	43.561
690.297	826.454	0.409	561.988	1448.651
0.999	14.671			
8/17/2016 3:30:00 PM	581400.000	19.116	16.374	43.572
690.486	826.685	0.409	562.146	1448.255
0.999	14.668			
8/17/2016 3:45:00 PM	582300.000	19.113	16.374	43.565
690.202	826.344	0.409	561.914	1448.852
0.999	14.669			

8/17/2016 4:00:00 PM	583200.000	19.111	16.374	43.559
690.384	826.565	0.409	562.065	1448.470
0.999	14.668			
8/17/2016 4:15:00 PM	584100.000	19.115	16.374	43.569
690.237	826.386	0.409	561.943	1448.778
0.999	14.659			
8/17/2016 4:30:00 PM	585000.000	19.115	16.373	43.568
690.391	826.585	0.409	562.078	1448.455
0.999	14.662			
8/17/2016 4:45:00 PM	585900.000	19.117	16.374	43.574
690.412	826.599	0.409	562.087	1448.410
0.999	14.660			
8/17/2016 5:00:00 PM	586800.000	19.114	16.374	43.566
690.383	826.566	0.409	562.065	1448.471
0.999	14.661			
8/17/2016 5:15:00 PM	587700.000	19.115	16.374	43.570
690.363	826.533	0.409	562.043	1448.514
0.999	14.657			
8/17/2016 5:30:00 PM	588600.000	19.111	16.374	43.561
690.461	826.649	0.409	562.122	1448.308
0.999	14.660			
8/17/2016 5:45:00 PM	589500.000	19.111	16.374	43.560
690.427	826.618	0.409	562.100	1448.380
0.999	14.661			
8/17/2016 6:00:00 PM	590400.000	19.114	16.374	43.566
690.326	826.505	0.409	562.023	1448.590
0.999	14.657			
8/17/2016 6:15:00 PM	591300.000	19.119	16.374	43.579
690.553	826.778	0.409	562.209	1448.115
0.999	14.653			
8/17/2016 6:30:00 PM	592200.000	19.115	16.374	43.568
690.246	826.407	0.409	561.957	1448.759
0.999	14.655			
8/17/2016 6:45:00 PM	593100.000	19.111	16.374	43.559
690.343	826.520	0.409	562.034	1448.555
0.999	14.660			
8/17/2016 7:00:00 PM	594000.000	19.111	16.374	43.560
690.334	826.509	0.409	562.026	1448.573
0.999	14.656			
8/17/2016 7:15:00 PM	594900.000	19.113	16.374	43.565
690.294	826.468	0.409	561.998	1448.658
0.999	14.651			
8/17/2016 7:30:00 PM	595800.000	19.113	16.374	43.564
690.365	826.548	0.409	562.053	1448.509
0.999	14.654			
8/17/2016 7:45:00 PM	596700.000	19.122	16.373	43.585
690.346	826.532	0.409	562.042	1448.548
0.999	14.654			
8/17/2016 8:00:00 PM	597600.000	19.112	16.374	43.561
690.373	826.557	0.409	562.059	1448.493
0.999	14.657			
8/17/2016 8:15:00 PM	598500.000	19.119	16.373	43.578
690.518	826.741	0.409	562.184	1448.189
0.999	14.659			
8/17/2016 8:30:00 PM	599400.000	19.108	16.373	43.553
690.310	826.493	0.409	562.015	1448.625

0.999	14.664			
8/17/2016 8:45:00 PM	600300.000	19.116	16.373	43.570
690.549	826.781	0.409	562.211	1448.124
0.999	14.666			
8/17/2016 9:00:00 PM	601200.000	19.108	16.373	43.552
690.334	826.522	0.409	562.035	1448.575
0.999	14.667			
8/17/2016 9:15:00 PM	602100.000	19.114	16.374	43.567
690.401	826.595	0.409	562.085	1448.434
0.999	14.663			
8/17/2016 9:30:00 PM	603000.000	19.110	16.374	43.557
690.441	826.643	0.409	562.117	1448.350
0.999	14.667			
8/17/2016 9:45:00 PM	603900.000	19.112	16.373	43.563
690.376	826.569	0.409	562.067	1448.486
0.999	14.668			
8/17/2016 10:00:00 PM	604800.000	19.114	16.374	43.567
690.561	826.788	0.409	562.216	1448.097
0.999	14.668			
8/17/2016 10:15:00 PM	605700.000	19.124	16.374	43.589
690.427	826.619	0.409	562.101	1448.379
0.999	14.659			
8/17/2016 10:30:00 PM	606600.000	19.121	16.374	43.583
690.532	826.752	0.409	562.192	1448.159
0.999	14.662			
8/17/2016 10:45:00 PM	607500.000	19.110	16.373	43.557
690.498	826.719	0.409	562.169	1448.230
0.999	14.669			
8/17/2016 11:00:00 PM	608400.000	19.108	16.373	43.553
690.487	826.703	0.409	562.158	1448.254
0.999	14.665			
8/17/2016 11:15:00 PM	609300.000	19.109	16.374	43.555
690.597	826.827	0.409	562.242	1448.023
0.999	14.666			
8/17/2016 11:30:00 PM	610200.000	19.111	16.374	43.559
690.622	826.857	0.409	562.263	1447.970
0.999	14.663			
8/17/2016 11:45:00 PM	611100.000	19.107	16.373	43.550
690.471	826.683	0.409	562.145	1448.286
0.999	14.668			

Report Date: 8/19/2016 12:30:13 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9D LT Test_2016-08-18_15-15-34-870-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 0.999

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/14/2016 6:00:40 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53:47 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:05:00 PM
2/4/2016 9:56:59 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time: 1/15/2016 7:00:00 AM Stop Time: 2/4/2016 10:45:00 AM
2/11/2016 9:46:54 AM	Log Download - Used Battery: 1% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:36:38 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:00:00 PM
2/25/2016 11:25:56 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:32:15 PM	Log Download - Used Battery: 2% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:24:10 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:02:30 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 11:44:45 AM
3/24/2016 8:37:37 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:45:00 AM
3/31/2016 2:46:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: SKuiper Interval - Start Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 2:45:00 PM
4/7/2016 9:08:18 AM	Log Download - Used Battery: 4% Used Memory: 12% User Name: KMakar Interval - Start Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 3:45:31 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: SKuiper Interval - Start Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 1:49:21 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: ELinden Interval - Start Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
4/28/2016 9:22:30 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: KMakar Interval - Start Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:13:28 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:50:50 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: SKuiper Interval - Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:23:46 PM	Log Download - Used Battery: 6% Used Memory: 17% User Name: ELinden Interval - Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 3:15:00 PM
5/26/2016 8:49:47 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: SKuiper Interval - Start Time: 5/17/2016 6:00:00 AM Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:13:45 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval - Start Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 12:00:00 PM
6/9/2016 9:20:24 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw Interval - Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 10:53:22 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
6/23/2016 9:47:24 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:19:31 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: SKuiper Interval - Start

Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:45:00 AM
 7/8/2016 11:34:38 AM Log Download - Used Battery: 9% Used Memory: 23% User Name: SKuiper Interval - Start
 Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
 7/14/2016 5:29:33 PM Log Download - Used Battery: 9% Used Memory: 23% User Name: ELinden Interval - Start
 Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:15:00 PM
 7/21/2016 10:12:11 AM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
 7/28/2016 5:56:19 PM Log Download - Used Battery: 10% Used Memory: 25% User Name: SKuiper Interval - Start
 Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
 8/4/2016 2:32:07 PM Log Download - Used Battery: 10% Used Memory: 26% User Name: SKuiper Interval - Start
 Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 3:00:00 PM
 8/11/2016 10:18:10 AM Log Download - Used Battery: 11% Used Memory: 26% User Name: ELinden Interval -
 Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
 8/18/2016 3:13:55 PM Log Download - Used Battery: 11% Used Memory: 28% User Name: SKuiper Interval - Start
 Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 4:00:00 PM
 8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-
 08-18_18-17-40-005.wsl""

Log Data:

Record Count: 741

Sensors: 2

1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight 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
658.7ft	658.7ft	658.7ft	Baro-Adj Calc	
	SN#: 437458	SN#: 437458	SN#: 437458	SN#:
437458	SN#: 437458	SN#: 437458	SN#: 437458	SN#: 437458
SN#: 437458	SN#: 000000			

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
8/11/2016 12:00:00 AM	7200.000	146.385	21.101	337.999
638.222	689.580	0.339	468.914	1566.852
0.998	14.708			
8/11/2016 12:15:00 AM	8100.000	146.335	21.104	337.883
638.897	690.260	0.340	469.377	1565.197
0.998	14.716			
8/11/2016 12:30:00 AM	9000.000	146.392	21.111	338.016
638.777	690.036	0.340	469.225	1565.491
0.998	14.713			
8/11/2016 12:45:00 AM	9900.000	146.353	21.100	337.925
637.841	689.177	0.339	468.640	1567.789
0.998	14.715			
8/11/2016 1:00:00 AM	10800.000	146.347	21.096	337.912
637.771	689.163	0.339	468.631	1567.962

0.998	14.718				
8/11/2016 1:15:00 AM	11700.000	146.403	21.106	338.040	
637.755	689.003	0.339	468.522	1568.001	
0.998	14.711				
8/11/2016 1:30:00 AM	12600.000	146.408	21.109	338.051	
637.890	689.101	0.339	468.589	1567.669	
0.998	14.715				
8/11/2016 1:45:00 AM	13500.000	146.418	21.094	338.074	
637.631	689.034	0.339	468.543	1568.306	
0.998	14.713				
8/11/2016 2:00:00 AM	14400.000	146.372	21.107	337.968	
638.075	689.325	0.339	468.741	1567.214	
0.998	14.715				
8/11/2016 2:15:00 AM	15300.000	146.374	21.110	337.974	
638.208	689.427	0.339	468.810	1566.887	
0.998	14.714				
8/11/2016 2:30:00 AM	16200.000	146.382	21.103	337.992	
637.609	688.882	0.339	468.439	1568.359	
0.998	14.717				
8/11/2016 2:45:00 AM	17100.000	146.424	21.096	338.089	
637.407	688.773	0.339	468.365	1568.857	
0.998	14.716				
8/11/2016 3:00:00 AM	18000.000	146.422	21.115	338.085	
637.754	688.867	0.339	468.430	1568.004	
0.998	14.718				
8/11/2016 3:15:00 AM	18900.000	146.441	21.100	338.127	
637.953	689.303	0.339	468.726	1567.514	
0.998	14.715				
8/11/2016 3:30:00 AM	19800.000	146.448	21.112	338.144	
638.229	689.429	0.339	468.812	1566.835	
0.998	14.714				
8/11/2016 3:45:00 AM	20700.000	146.454	21.110	338.158	
637.127	688.258	0.339	468.015	1569.545	
0.998	14.714				
8/11/2016 4:00:00 AM	21600.000	146.461	21.115	338.173	
636.972	688.032	0.339	467.862	1569.927	
0.998	14.713				
8/11/2016 4:15:00 AM	22500.000	146.460	21.108	338.171	
636.792	687.926	0.339	467.790	1570.373	
0.998	14.715				
8/11/2016 4:30:00 AM	23400.000	146.479	21.115	338.215	
635.788	686.743	0.338	466.986	1572.850	
0.998	14.710				
8/11/2016 4:45:00 AM	24300.000	146.482	21.111	338.223	
635.233	686.199	0.338	466.616	1574.226	
0.998	14.709				
8/11/2016 5:00:00 AM	25200.000	146.483	21.108	338.226	
634.934	685.930	0.338	466.432	1574.966	
0.998	14.713				
8/11/2016 5:15:00 AM	26100.000	146.489	21.110	338.239	
635.355	686.349	0.338	466.717	1573.924	
0.998	14.721				
8/11/2016 5:30:00 AM	27000.000	146.469	21.111	338.193	
635.417	686.400	0.338	466.752	1573.769	
0.998	14.713				

8/11/2016 5:45:00 AM	27900.000	146.506	21.105	338.278
635.667	686.753	0.338	466.992	1573.151
0.998	14.713			
8/11/2016 6:00:00 AM	28800.000	146.515	21.110	338.299
635.505	686.508	0.338	466.826	1573.551
0.998	14.718			
8/11/2016 6:15:00 AM	29700.000	146.511	21.112	338.290
635.810	686.811	0.338	467.031	1572.798
0.998	14.723			
8/11/2016 6:30:00 AM	30600.000	146.528	21.106	338.328
635.208	686.253	0.338	466.652	1574.286
0.998	14.718			
8/11/2016 6:45:00 AM	31500.000	146.527	21.105	338.326
635.107	686.155	0.338	466.585	1574.538
0.998	14.728			
8/11/2016 7:00:00 AM	32400.000	146.529	21.110	338.331
634.908	685.867	0.338	466.389	1575.032
0.998	14.732			
8/11/2016 7:15:00 AM	33300.000	146.536	21.111	338.347
634.642	685.567	0.337	466.186	1575.692
0.998	14.733			
8/11/2016 7:30:00 AM	34200.000	146.539	21.097	338.354
634.726	685.849	0.338	466.377	1575.484
0.998	14.734			
8/11/2016 7:45:00 AM	35100.000	146.518	21.107	338.305
636.318	687.428	0.338	467.451	1571.541
0.998	14.740			
8/11/2016 8:00:00 AM	36000.000	146.525	21.108	338.321
635.915	686.981	0.338	467.147	1572.537
0.998	14.745			
8/11/2016 8:15:00 AM	36900.000	146.517	21.115	338.303
635.614	686.556	0.338	466.858	1573.282
0.998	14.744			
8/11/2016 8:30:00 AM	37800.000	146.519	21.098	338.309
635.297	686.455	0.338	466.789	1574.068
0.998	14.748			
8/11/2016 8:45:00 AM	38700.000	146.498	21.110	338.260
635.035	686.003	0.338	466.482	1574.716
0.998	14.746			
8/11/2016 9:00:00 AM	39600.000	146.496	21.112	338.256
634.934	685.866	0.338	466.389	1574.967
0.998	14.748			
8/11/2016 9:15:00 AM	40500.000	146.477	21.113	338.210
635.597	686.567	0.338	466.865	1573.324
0.998	14.750			
8/11/2016 9:30:00 AM	41400.000	146.471	21.117	338.197
635.406	686.299	0.338	466.684	1573.797
0.998	14.753			
8/11/2016 9:45:00 AM	42300.000	146.463	21.113	338.179
634.658	685.554	0.337	466.177	1575.651
0.998	14.754			
8/11/2016 10:00:00 AM	43200.000	146.438	21.114	338.121
635.027	685.944	0.338	466.442	1574.735
0.998	14.758			
8/11/2016 10:15:00 AM	44100.000	146.428	21.104	338.098

634.433	685.445	0.337	466.103	1576.210
0.998	14.756			
8/11/2016 10:30:00 AM	45000.000	146.419	21.104	338.078
634.698	685.723	0.338	466.291	1575.553
0.998	14.759			
8/11/2016 10:45:00 AM	45900.000	146.397	21.106	338.026
635.362	686.411	0.338	466.759	1573.905
0.998	14.760			
8/11/2016 11:00:00 AM	46800.000	146.384	21.107	337.996
635.366	686.404	0.338	466.754	1573.896
0.998	14.762			
8/11/2016 11:15:00 AM	47700.000	146.379	21.107	337.985
636.752	687.903	0.339	467.774	1570.471
0.998	14.756			
8/11/2016 11:30:00 AM	48600.000	146.363	21.112	337.948
636.820	687.908	0.339	467.778	1570.303
0.998	14.756			
8/11/2016 11:45:00 AM	49500.000	146.322	21.094	337.852
635.874	687.142	0.338	467.257	1572.639
0.998	14.762			
8/11/2016 12:00:00 PM	50400.000	146.330	21.101	337.873
636.442	687.655	0.339	467.605	1571.234
0.998	14.760			
8/11/2016 12:15:00 PM	51300.000	146.335	21.103	337.882
637.031	688.254	0.339	468.013	1569.783
0.998	14.760			
8/11/2016 12:30:00 PM	52200.000	146.275	21.104	337.744
637.508	688.760	0.339	468.357	1568.608
0.998	14.757			
8/11/2016 12:45:00 PM	53100.000	146.303	21.112	337.809
638.310	689.518	0.339	468.872	1566.637
0.998	14.759			
8/11/2016 1:00:00 PM	54000.000	146.297	21.105	337.795
638.193	689.488	0.339	468.852	1566.924
0.998	14.758			
8/11/2016 1:15:00 PM	54900.000	146.296	21.106	337.793
637.942	689.202	0.339	468.657	1567.540
0.998	14.750			
8/11/2016 1:30:00 PM	55800.000	146.281	21.104	337.757
637.770	689.048	0.339	468.553	1567.963
0.998	14.759			
8/11/2016 1:45:00 PM	56700.000	146.304	21.103	337.811
637.221	688.460	0.339	468.153	1569.313
0.998	14.752			
8/11/2016 2:00:00 PM	57600.000	146.256	21.108	337.701
637.065	688.222	0.339	467.991	1569.699
0.998	14.760			
8/11/2016 2:15:00 PM	58500.000	146.297	21.106	337.796
636.782	687.953	0.339	467.808	1570.397
0.998	14.758			
8/11/2016 2:30:00 PM	59400.000	146.320	21.108	337.849
638.169	689.418	0.339	468.804	1566.983
0.998	14.755			
8/11/2016 2:45:00 PM	60300.000	146.283	21.108	337.763
638.608	689.887	0.340	469.123	1565.906

0.998	14.764				
8/11/2016 3:00:00 PM	61200.000	146.320	21.110	337.849	
638.678	689.945	0.340	469.163	1565.734	
0.998	14.755				
8/11/2016 3:15:00 PM	62100.000	146.295	21.107	337.790	
638.325	689.607	0.340	468.933	1566.600	
0.998	14.753				
8/11/2016 3:30:00 PM	63000.000	146.332	21.112	337.876	
637.921	689.097	0.339	468.586	1567.592	
0.998	14.754				
8/11/2016 3:45:00 PM	63900.000	146.348	21.106	337.912	
637.400	688.613	0.339	468.257	1568.874	
0.998	14.751				
8/11/2016 4:00:00 PM	64800.000	146.333	21.110	337.877	
636.957	688.082	0.339	467.896	1569.966	
0.998	14.747				
8/11/2016 4:15:00 PM	65700.000	146.335	21.110	337.883	
636.191	687.252	0.338	467.331	1571.854	
0.998	14.754				
8/11/2016 4:30:00 PM	66600.000	146.377	21.116	337.979	
636.789	687.810	0.339	467.711	1570.378	
0.998	14.746				
8/11/2016 4:45:00 PM	67500.000	146.394	21.111	338.018	
636.018	687.048	0.338	467.193	1572.283	
0.998	14.747				
8/11/2016 5:00:00 PM	68400.000	146.405	21.114	338.046	
635.644	686.602	0.338	466.889	1573.206	
0.998	14.747				
8/11/2016 5:15:00 PM	69300.000	146.389	21.108	338.009	
635.697	686.753	0.338	466.992	1573.076	
0.998	14.741				
8/11/2016 5:30:00 PM	70200.000	146.435	21.104	338.114	
635.861	686.983	0.338	467.148	1572.672	
0.998	14.746				
8/11/2016 5:45:00 PM	71100.000	146.411	21.102	338.060	
635.876	687.031	0.338	467.181	1572.634	
0.998	14.742				
8/11/2016 6:00:00 PM	72000.000	146.454	21.110	338.158	
635.664	686.682	0.338	466.944	1573.158	
0.998	14.741				
8/11/2016 6:15:00 PM	72900.000	146.462	21.101	338.175	
635.201	686.316	0.338	466.695	1574.304	
0.998	14.744				
8/11/2016 6:30:00 PM	73800.000	146.465	21.109	338.182	
635.383	686.393	0.338	466.748	1573.854	
0.998	14.741				
8/11/2016 6:45:00 PM	74700.000	146.453	21.106	338.157	
635.524	686.588	0.338	466.880	1573.504	
0.998	14.735				
8/11/2016 7:00:00 PM	75600.000	146.492	21.111	338.246	
635.259	686.232	0.338	466.638	1574.161	
0.998	14.739				
8/11/2016 7:15:00 PM	76500.000	146.499	21.105	338.263	
635.044	686.087	0.338	466.539	1574.693	
0.998	14.739				

8/11/2016 7:30:00 PM	77400.000	146.502	21.114	338.268
635.043	685.952	0.338	466.448	1574.696
0.998	14.741			
8/11/2016 7:45:00 PM	78300.000	146.535	21.103	338.344
634.166	685.162	0.337	465.910	1576.873
0.998	14.738			
8/11/2016 8:00:00 PM	79200.000	146.530	21.109	338.332
634.129	685.039	0.337	465.827	1576.965
0.998	14.739			
8/11/2016 8:15:00 PM	80100.000	146.529	21.111	338.332
633.884	684.752	0.337	465.631	1577.575
0.998	14.746			
8/11/2016 8:30:00 PM	81000.000	146.507	21.105	338.280
633.275	684.180	0.337	465.242	1579.092
0.998	14.744			
8/11/2016 8:45:00 PM	81900.000	146.544	21.111	338.365
634.577	685.499	0.337	466.139	1575.853
0.998	14.739			
8/11/2016 9:00:00 PM	82800.000	146.534	21.116	338.341
634.992	685.879	0.338	466.398	1574.824
0.998	14.739			
8/11/2016 9:15:00 PM	83700.000	146.534	21.098	338.343
634.245	685.322	0.337	466.019	1576.678
0.998	14.743			
8/11/2016 9:30:00 PM	84600.000	146.527	21.109	338.327
634.479	685.416	0.337	466.083	1576.097
0.998	14.749			
8/11/2016 9:45:00 PM	85500.000	146.520	21.109	338.311
634.415	685.343	0.337	466.033	1576.256
0.998	14.748			
8/11/2016 10:00:00 PM	86400.000	146.522	21.107	338.314
634.035	684.962	0.337	465.774	1577.200
0.998	14.747			
8/11/2016 10:15:00 PM	87300.000	146.513	21.108	338.293
633.832	684.739	0.337	465.622	1577.705
0.998	14.748			
8/11/2016 10:30:00 PM	88200.000	146.501	21.106	338.267
633.944	684.882	0.337	465.720	1577.427
0.998	14.745			
8/11/2016 10:45:00 PM	89100.000	146.495	21.106	338.252
634.203	685.165	0.337	465.912	1576.781
0.998	14.748			
8/11/2016 11:00:00 PM	90000.000	146.491	21.108	338.244
633.948	684.852	0.337	465.700	1577.416
0.998	14.743			
8/11/2016 11:15:00 PM	90900.000	146.484	21.109	338.228
634.172	685.089	0.337	465.860	1576.860
0.998	14.747			
8/11/2016 11:30:00 PM	91800.000	146.483	21.105	338.225
634.495	685.490	0.337	466.133	1576.057
0.998	14.748			
8/11/2016 11:45:00 PM	92700.000	146.496	21.104	338.254
635.021	686.080	0.338	466.534	1574.750
0.998	14.747			
8/12/2016 12:00:00 AM	93600.000	146.478	21.105	338.213

635.002	686.036	0.338	466.505	1574.798
0.998	14.748			
8/12/2016 12:15:00 AM	94500.000	146.488	21.110	338.237
635.490	686.499	0.338	466.820	1573.589
0.998	14.748			
8/12/2016 12:30:00 AM	95400.000	146.477	21.104	338.210
634.669	685.689	0.338	466.269	1575.624
0.998	14.749			
8/12/2016 12:45:00 AM	96300.000	146.488	21.109	338.236
633.784	684.662	0.337	465.570	1577.826
0.998	14.750			
8/12/2016 1:00:00 AM	97200.000	146.494	21.103	338.251
633.884	684.857	0.337	465.703	1577.577
0.998	14.746			
8/12/2016 1:15:00 AM	98100.000	146.501	21.108	338.267
633.846	684.747	0.337	465.628	1577.670
0.998	14.744			
8/12/2016 1:30:00 AM	99000.000	146.507	21.115	338.280
633.733	684.525	0.337	465.477	1577.951
0.998	14.746			
8/12/2016 1:45:00 AM	99900.000	146.512	21.111	338.292
633.736	684.590	0.337	465.522	1577.945
0.998	14.749			
8/12/2016 2:00:00 AM	100800.000	146.516	21.100	338.301
633.480	684.469	0.337	465.439	1578.581
0.998	14.743			
8/12/2016 2:15:00 AM	101700.000	146.525	21.107	338.323
633.860	684.774	0.337	465.646	1577.636
0.998	14.744			
8/12/2016 2:30:00 AM	102600.000	146.516	21.109	338.302
633.618	684.485	0.337	465.450	1578.239
0.998	14.746			
8/12/2016 2:45:00 AM	103500.000	146.527	21.103	338.326
633.486	684.432	0.337	465.414	1578.566
0.998	14.742			
8/12/2016 3:00:00 AM	104400.000	146.552	21.112	338.384
633.675	684.505	0.337	465.463	1578.096
0.998	14.736			
8/12/2016 3:15:00 AM	105300.000	146.547	21.112	338.373
633.456	684.267	0.337	465.301	1578.641
0.998	14.736			
8/12/2016 3:30:00 AM	106200.000	146.547	21.113	338.373
632.734	683.474	0.336	464.762	1580.444
0.998	14.744			
8/12/2016 3:45:00 AM	107100.000	146.552	21.105	338.385
632.974	683.855	0.337	465.022	1579.843
0.998	14.739			
8/12/2016 4:00:00 AM	108000.000	146.562	21.114	338.408
634.289	685.143	0.337	465.897	1576.569
0.998	14.743			
8/12/2016 4:15:00 AM	108900.000	146.575	21.102	338.438
634.065	685.069	0.337	465.847	1577.125
0.998	14.736			
8/12/2016 4:30:00 AM	109800.000	146.563	21.108	338.409
633.742	684.639	0.337	465.555	1577.930

0.998	14.742				
8/12/2016 4:45:00 AM	110700.000	146.567	21.106	338.419	
633.739	684.658	0.337	465.567	1577.938	
0.998	14.737				
8/12/2016 5:00:00 AM	111600.000	146.570	21.107	338.426	
633.710	684.616	0.337	465.539	1578.008	
0.998	14.742				
8/12/2016 5:15:00 AM	112500.000	146.578	21.112	338.444	
633.690	684.523	0.337	465.476	1578.060	
0.998	14.744				
8/12/2016 5:30:00 AM	113400.000	146.591	21.112	338.475	
632.838	683.605	0.336	464.851	1580.184	
0.998	14.746				
8/12/2016 5:45:00 AM	114300.000	146.554	21.098	338.388	
632.779	683.731	0.337	464.937	1580.331	
0.998	14.748				
8/12/2016 6:00:00 AM	115200.000	146.597	21.105	338.488	
633.056	683.934	0.337	465.075	1579.639	
0.998	14.751				
8/12/2016 6:15:00 AM	116100.000	146.609	21.107	338.516	
633.048	683.905	0.337	465.055	1579.659	
0.998	14.745				
8/12/2016 6:30:00 AM	117000.000	146.605	21.108	338.506	
632.882	683.705	0.337	464.919	1580.074	
0.998	14.750				
8/12/2016 6:45:00 AM	117900.000	146.623	21.111	338.547	
633.311	684.124	0.337	465.204	1579.004	
0.998	14.751				
8/12/2016 7:00:00 AM	118800.000	146.616	21.110	338.531	
633.416	684.263	0.337	465.299	1578.741	
0.998	14.755				
8/12/2016 7:15:00 AM	119700.000	146.591	21.106	338.473	
632.737	683.579	0.336	464.834	1580.436	
0.998	14.758				
8/12/2016 7:30:00 AM	120600.000	146.626	21.117	338.556	
633.053	683.770	0.337	464.964	1579.647	
0.998	14.760				
8/12/2016 7:45:00 AM	121500.000	146.624	21.112	338.550	
632.830	683.596	0.336	464.845	1580.204	
0.998	14.765				
8/12/2016 8:00:00 AM	122400.000	146.655	21.107	338.621	
632.569	683.378	0.336	464.697	1580.856	
0.998	14.758				
8/12/2016 8:15:00 AM	123300.000	146.654	21.109	338.619	
632.402	683.179	0.336	464.562	1581.273	
0.998	14.768				
8/12/2016 8:30:00 AM	124200.000	146.618	21.100	338.536	
633.056	684.003	0.337	465.122	1579.640	
0.998	14.763				
8/12/2016 8:45:00 AM	125100.000	146.668	21.103	338.651	
633.092	684.000	0.337	465.120	1579.550	
0.998	14.759				
8/12/2016 9:00:00 AM	126000.000	146.668	21.109	338.652	
633.178	684.017	0.337	465.132	1579.336	
0.998	14.761				

8/12/2016 9:15:00 AM	126900.000	146.673	21.104	338.662
633.225	684.140	0.337	465.216	1579.217
0.998	14.764			
8/12/2016 9:30:00 AM	127800.000	146.673	21.107	338.664
633.412	684.297	0.337	465.322	1578.752
0.998	14.765			
8/12/2016 9:45:00 AM	128700.000	146.691	21.107	338.704
633.747	684.660	0.337	465.569	1577.916
0.998	14.764			
8/12/2016 10:00:00 AM	129600.000	146.679	21.103	338.678
633.879	684.852	0.337	465.699	1577.588
0.998	14.768			
8/12/2016 10:15:00 AM	130500.000	146.696	21.103	338.717
633.884	684.854	0.337	465.700	1577.575
0.998	14.766			
8/12/2016 10:30:00 AM	131400.000	146.704	21.101	338.736
633.919	684.921	0.337	465.746	1577.489
0.998	14.759			
8/12/2016 10:45:00 AM	132300.000	146.688	21.117	338.698
633.959	684.750	0.337	465.630	1577.390
0.998	14.766			
8/12/2016 11:00:00 AM	133200.000	146.646	21.114	338.601
633.576	684.370	0.337	465.371	1578.343
0.998	14.770			
8/12/2016 11:15:00 AM	134100.000	146.687	21.108	338.695
632.635	683.445	0.336	464.743	1580.689
0.998	14.767			
8/12/2016 11:30:00 AM	135000.000	146.641	21.115	338.590
632.065	682.725	0.336	464.253	1582.115
0.998	14.764			
8/12/2016 11:45:00 AM	135900.000	146.674	21.102	338.665
631.498	682.298	0.336	463.963	1583.537
0.998	14.763			
8/12/2016 12:00:00 PM	136800.000	146.639	21.113	338.584
633.462	684.263	0.337	465.299	1578.626
0.998	14.768			
8/12/2016 12:15:00 PM	137700.000	146.585	21.103	338.461
633.128	684.037	0.337	465.145	1579.461
0.998	14.767			
8/12/2016 12:30:00 PM	138600.000	146.570	21.109	338.426
633.791	684.677	0.337	465.580	1577.808
0.998	14.769			
8/12/2016 12:45:00 PM	139500.000	146.553	21.098	338.387
633.775	684.810	0.337	465.671	1577.847
0.998	14.767			
8/12/2016 1:00:00 PM	140400.000	146.512	21.105	338.291
634.736	685.755	0.338	466.314	1575.458
0.998	14.764			
8/12/2016 1:15:00 PM	141300.000	146.489	21.105	338.239
634.684	685.693	0.338	466.272	1575.586
0.998	14.758			
8/12/2016 1:30:00 PM	142200.000	146.453	21.109	338.156
634.663	685.622	0.337	466.223	1575.640
0.998	14.760			
8/12/2016 1:45:00 PM	143100.000	146.387	21.104	338.003

635.103	686.160	0.338	466.589	1574.548
0.998	14.760			
8/12/2016 2:00:00 PM	144000.000	146.395	21.099	338.022
635.093	686.217	0.338	466.627	1574.572
0.998	14.763			
8/12/2016 2:15:00 PM	144900.000	146.321	21.102	337.850
636.758	687.982	0.339	467.828	1570.455
0.998	14.760			
8/12/2016 2:30:00 PM	145800.000	146.344	21.106	337.905
638.080	689.352	0.339	468.759	1567.202
0.998	14.761			
8/12/2016 2:45:00 PM	146700.000	146.316	21.102	337.839
637.259	688.522	0.339	468.195	1569.221
0.998	14.759			
8/12/2016 3:00:00 PM	147600.000	146.285	21.092	337.768
637.450	688.863	0.339	468.427	1568.750
0.998	14.759			
8/12/2016 3:15:00 PM	148500.000	146.259	21.097	337.708
637.481	688.838	0.339	468.410	1568.673
0.998	14.757			
8/12/2016 3:30:00 PM	149400.000	146.242	21.101	337.667
638.122	689.475	0.339	468.843	1567.098
0.998	14.758			
8/12/2016 3:45:00 PM	150300.000	146.179	21.101	337.523
638.398	689.759	0.340	469.036	1566.420
0.998	14.753			
8/12/2016 4:00:00 PM	151200.000	146.194	21.103	337.557
638.336	689.671	0.340	468.976	1566.572
0.998	14.761			
8/12/2016 4:15:00 PM	152100.000	146.199	21.100	337.568
638.286	689.662	0.340	468.970	1566.695
0.998	14.753			
8/12/2016 4:30:00 PM	153000.000	146.207	21.095	337.587
638.707	690.186	0.340	469.327	1565.663
0.998	14.753			
8/12/2016 4:45:00 PM	153900.000	146.209	21.104	337.593
639.769	691.205	0.340	470.019	1563.064
0.998	14.751			
8/12/2016 5:00:00 PM	154800.000	146.221	21.106	337.621
639.738	691.142	0.340	469.977	1563.139
0.998	14.749			
8/12/2016 5:15:00 PM	155700.000	146.239	21.103	337.660
639.345	690.759	0.340	469.716	1564.100
0.998	14.745			
8/12/2016 5:30:00 PM	156600.000	146.249	21.111	337.684
639.227	690.524	0.340	469.556	1564.389
0.998	14.746			
8/12/2016 5:45:00 PM	157500.000	146.265	21.110	337.720
638.933	690.208	0.340	469.342	1565.110
0.998	14.735			
8/12/2016 6:00:00 PM	158400.000	146.288	21.107	337.774
638.360	689.643	0.340	468.958	1566.513
0.998	14.737			
8/12/2016 6:15:00 PM	159300.000	146.261	21.111	337.712
637.840	689.018	0.339	468.532	1567.791

0.998	14.733				
8/12/2016 6:30:00 PM	160200.000	146.309	21.108	337.823	
637.537	688.729	0.339	468.336	1568.537	
0.998	14.735				
8/12/2016 6:45:00 PM	161100.000	146.331	21.110	337.873	
637.266	688.420	0.339	468.125	1569.204	
0.998	14.732				
8/12/2016 7:00:00 PM	162000.000	146.349	21.110	337.916	
637.014	688.142	0.339	467.936	1569.825	
0.998	14.730				
8/12/2016 7:15:00 PM	162900.000	146.354	21.101	337.928	
638.459	689.826	0.340	469.082	1566.272	
0.998	14.732				
8/12/2016 7:30:00 PM	163800.000	146.364	21.104	337.949	
639.119	690.496	0.340	469.538	1564.655	
0.998	14.732				
8/12/2016 7:45:00 PM	164700.000	146.393	21.102	338.017	
639.253	690.679	0.340	469.662	1564.326	
0.998	14.724				
8/12/2016 8:00:00 PM	165600.000	146.398	21.106	338.029	
639.403	690.778	0.340	469.729	1563.959	
0.998	14.728				
8/12/2016 8:15:00 PM	166500.000	146.412	21.108	338.061	
638.983	690.304	0.340	469.407	1564.986	
0.998	14.734				
8/12/2016 8:30:00 PM	167400.000	146.419	21.116	338.076	
638.672	689.848	0.340	469.097	1565.749	
0.998	14.734				
8/12/2016 8:45:00 PM	168300.000	146.427	21.104	338.095	
637.854	689.135	0.339	468.612	1567.757	
0.998	14.735				
8/12/2016 9:00:00 PM	169200.000	146.447	21.108	338.142	
636.766	687.899	0.339	467.771	1570.436	
0.998	14.734				
8/12/2016 9:15:00 PM	170100.000	146.444	21.107	338.135	
637.279	688.465	0.339	468.156	1569.172	
0.998	14.736				
8/12/2016 9:30:00 PM	171000.000	146.449	21.113	338.147	
636.235	687.262	0.338	467.338	1571.747	
0.998	14.741				
8/12/2016 9:45:00 PM	171900.000	146.405	21.107	338.044	
635.552	686.605	0.338	466.891	1573.434	
0.998	14.739				
8/12/2016 10:00:00 PM	172800.000	146.452	21.107	338.152	
635.387	686.427	0.338	466.770	1573.843	
0.998	14.737				
8/12/2016 10:15:00 PM	173700.000	146.435	21.106	338.115	
635.112	686.143	0.338	466.577	1574.526	
0.998	14.744				
8/12/2016 10:30:00 PM	174600.000	146.429	21.107	338.100	
635.670	686.737	0.338	466.981	1573.143	
0.998	14.746				
8/12/2016 10:45:00 PM	175500.000	146.393	21.106	338.016	
635.258	686.299	0.338	466.684	1574.164	
0.998	14.737				

8/12/2016 11:00:00 PM	176400.000	146.416	21.105	338.071
635.115	686.161	0.338	466.589	1574.518
0.998	14.739			
8/12/2016 11:15:00 PM	177300.000	146.418	21.104	338.074
635.643	686.745	0.338	466.987	1573.209
0.998	14.739			
8/12/2016 11:30:00 PM	178200.000	146.414	21.115	338.065
636.080	687.069	0.338	467.207	1572.128
0.998	14.738			
8/12/2016 11:45:00 PM	179100.000	146.418	21.115	338.075
635.221	686.136	0.338	466.572	1574.255
0.998	14.733			
8/13/2016 12:00:00 AM	180000.000	146.422	21.114	338.084
635.255	686.190	0.338	466.609	1574.171
0.998	14.732			
8/13/2016 12:15:00 AM	180900.000	146.414	21.111	338.065
635.031	685.986	0.338	466.471	1574.725
0.998	14.735			
8/13/2016 12:30:00 AM	181800.000	146.408	21.108	338.052
634.762	685.736	0.338	466.300	1575.395
0.998	14.732			
8/13/2016 12:45:00 AM	182700.000	146.405	21.110	338.044
635.399	686.402	0.338	466.754	1573.813
0.998	14.731			
8/13/2016 1:00:00 AM	183600.000	146.402	21.101	338.037
635.535	686.673	0.338	466.938	1573.477
0.998	14.728			
8/13/2016 1:15:00 AM	184500.000	146.389	21.110	338.008
635.690	686.710	0.338	466.963	1573.095
0.998	14.731			
8/13/2016 1:30:00 AM	185400.000	146.377	21.113	337.980
635.944	686.938	0.338	467.118	1572.464
0.998	14.737			
8/13/2016 1:45:00 AM	186300.000	146.384	21.104	337.996
635.381	686.457	0.338	466.791	1573.859
0.998	14.728			
8/13/2016 2:00:00 AM	187200.000	146.331	21.105	337.873
635.356	686.415	0.338	466.762	1573.921
0.998	14.726			
8/13/2016 2:15:00 AM	188100.000	146.358	21.101	337.935
635.930	687.103	0.338	467.230	1572.501
0.998	14.729			
8/13/2016 2:30:00 AM	189000.000	146.320	21.105	337.848
636.659	687.835	0.339	467.728	1570.700
0.998	14.725			
8/13/2016 2:45:00 AM	189900.000	146.351	21.104	337.919
636.376	687.536	0.338	467.525	1571.399
0.998	14.719			
8/13/2016 3:00:00 AM	190800.000	146.354	21.107	337.926
636.951	688.111	0.339	467.916	1569.979
0.998	14.723			
8/13/2016 3:15:00 AM	191700.000	146.322	21.103	337.853
636.846	688.059	0.339	467.880	1570.239
0.998	14.723			
8/13/2016 3:30:00 AM	192600.000	146.352	21.104	337.923

636.845	688.044	0.339	467.870	1570.240
0.998	14.722			
8/13/2016 3:45:00 AM	193500.000	146.359	21.104	337.938
636.653	687.835	0.339	467.728	1570.713
0.998	14.723			
8/13/2016 4:00:00 AM	194400.000	146.332	21.100	337.877
636.647	687.892	0.339	467.766	1570.729
0.998	14.718			
8/13/2016 4:15:00 AM	195300.000	146.369	21.103	337.960
636.965	688.195	0.339	467.972	1569.944
0.998	14.718			
8/13/2016 4:30:00 AM	196200.000	146.384	21.100	337.997
636.802	688.053	0.339	467.876	1570.346
0.998	14.712			
8/13/2016 4:45:00 AM	197100.000	146.344	21.104	337.903
636.980	688.187	0.339	467.967	1569.908
0.998	14.716			
8/13/2016 5:00:00 AM	198000.000	146.385	21.109	337.999
637.301	688.466	0.339	468.157	1569.116
0.998	14.713			
8/13/2016 5:15:00 AM	198900.000	146.399	21.108	338.031
636.978	688.125	0.339	467.925	1569.913
0.998	14.716			
8/13/2016 5:30:00 AM	199800.000	146.399	21.112	338.030
637.229	688.339	0.339	468.071	1569.294
0.998	14.717			
8/13/2016 5:45:00 AM	200700.000	146.406	21.111	338.048
636.435	687.496	0.338	467.497	1571.253
0.998	14.716			
8/13/2016 6:00:00 AM	201600.000	146.380	21.106	337.988
636.030	687.131	0.338	467.249	1572.252
0.998	14.720			
8/13/2016 6:15:00 AM	202500.000	146.419	21.106	338.077
635.978	687.077	0.338	467.213	1572.381
0.998	14.716			
8/13/2016 6:30:00 AM	203400.000	146.441	21.111	338.127
635.553	686.556	0.338	466.858	1573.434
0.998	14.715			
8/13/2016 6:45:00 AM	204300.000	146.438	21.096	338.121
635.004	686.162	0.338	466.590	1574.793
0.998	14.717			
8/13/2016 7:00:00 AM	205200.000	146.414	21.096	338.066
634.962	686.131	0.338	466.569	1574.897
0.998	14.724			
8/13/2016 7:15:00 AM	206100.000	146.448	21.104	338.144
635.886	687.010	0.338	467.167	1572.608
0.998	14.722			
8/13/2016 7:30:00 AM	207000.000	146.460	21.111	338.171
636.034	687.074	0.338	467.210	1572.244
0.998	14.730			
8/13/2016 7:45:00 AM	207900.000	146.463	21.105	338.180
636.205	687.344	0.338	467.394	1571.819
0.998	14.733			
8/13/2016 8:00:00 AM	208800.000	146.468	21.111	338.191
635.224	686.191	0.338	466.610	1574.247

0.998	14.730				
8/13/2016 8:15:00 AM	209700.000	146.481	21.112	338.221	
634.958	685.890	0.338	466.405	1574.908	
0.998	14.732				
8/13/2016 8:30:00 AM	210600.000	146.474	21.110	338.204	
634.766	685.717	0.338	466.288	1575.384	
0.998	14.731				
8/13/2016 8:45:00 AM	211500.000	146.445	21.103	338.138	
634.738	685.784	0.338	466.333	1575.454	
0.998	14.730				
8/13/2016 9:00:00 AM	212400.000	146.477	21.116	338.211	
634.588	685.439	0.337	466.099	1575.826	
0.998	14.733				
8/13/2016 9:15:00 AM	213300.000	146.476	21.116	338.209	
634.358	685.188	0.337	465.928	1576.398	
0.998	14.734				
8/13/2016 9:30:00 AM	214200.000	146.466	21.107	338.186	
634.108	685.052	0.337	465.835	1577.018	
0.998	14.730				
8/13/2016 9:45:00 AM	215100.000	146.458	21.099	338.168	
634.291	685.354	0.337	466.041	1576.564	
0.998	14.731				
8/13/2016 10:00:00 AM	216000.000	146.419	21.105	338.076	
634.856	685.880	0.338	466.398	1575.161	
0.998	14.728				
8/13/2016 10:15:00 AM	216900.000	146.434	21.102	338.111	
635.626	686.756	0.338	466.994	1573.252	
0.998	14.728				
8/13/2016 10:30:00 AM	217800.000	146.422	21.105	338.084	
635.686	686.779	0.338	467.010	1573.103	
0.998	14.727				
8/13/2016 10:45:00 AM	218700.000	146.427	21.105	338.096	
635.638	686.730	0.338	466.977	1573.221	
0.998	14.728				
8/13/2016 11:00:00 AM	219600.000	146.408	21.111	338.052	
636.228	687.280	0.338	467.350	1571.764	
0.998	14.730				
8/13/2016 11:15:00 AM	220500.000	146.408	21.107	338.051	
636.371	687.486	0.338	467.490	1571.410	
0.998	14.730				
8/13/2016 11:30:00 AM	221400.000	146.394	21.105	338.018	
636.350	687.503	0.338	467.502	1571.462	
0.998	14.727				
8/13/2016 11:45:00 AM	222300.000	146.343	21.098	337.902	
636.195	687.432	0.338	467.454	1571.845	
0.998	14.722				
8/13/2016 12:00:00 PM	223200.000	146.360	21.100	337.940	
636.665	687.914	0.339	467.781	1570.685	
0.998	14.724				
8/13/2016 12:15:00 PM	224100.000	146.320	21.112	337.847	
637.831	688.999	0.339	468.519	1567.812	
0.998	14.721				
8/13/2016 12:30:00 PM	225000.000	146.332	21.106	337.876	
636.876	688.052	0.339	467.875	1570.165	
0.998	14.723				

8/13/2016 12:45:00 PM	225900.000	146.338	21.105	337.890
636.718	687.892	0.339	467.766	1570.554
0.998	14.721			
8/13/2016 1:00:00 PM	226800.000	146.295	21.110	337.790
636.645	687.743	0.339	467.665	1570.735
0.998	14.723			
8/13/2016 1:15:00 PM	227700.000	146.338	21.092	337.890
636.388	687.724	0.339	467.653	1571.370
0.998	14.717			
8/13/2016 1:30:00 PM	228600.000	146.331	21.094	337.873
636.688	688.019	0.339	467.853	1570.629
0.998	14.717			
8/13/2016 1:45:00 PM	229500.000	146.331	21.107	337.873
637.986	689.234	0.339	468.679	1567.433
0.998	14.714			
8/13/2016 2:00:00 PM	230400.000	146.344	21.108	337.904
638.387	689.647	0.340	468.960	1566.448
0.998	14.716			
8/13/2016 2:15:00 PM	231300.000	146.334	21.106	337.881
638.513	689.824	0.340	469.081	1566.140
0.998	14.718			
8/13/2016 2:30:00 PM	232200.000	146.302	21.110	337.807
638.448	689.689	0.340	468.988	1566.297
0.998	14.717			
8/13/2016 2:45:00 PM	233100.000	146.361	21.104	337.942
638.106	689.414	0.339	468.802	1567.137
0.998	14.714			
8/13/2016 3:00:00 PM	234000.000	146.324	21.102	337.857
637.823	689.125	0.339	468.605	1567.832
0.998	14.711			
8/13/2016 3:15:00 PM	234900.000	146.383	21.102	337.993
637.577	688.870	0.339	468.431	1568.437
0.998	14.713			
8/13/2016 3:30:00 PM	235800.000	146.387	21.098	338.003
636.811	688.095	0.339	467.905	1570.325
0.998	14.710			
8/13/2016 3:45:00 PM	236700.000	146.387	21.107	338.003
637.107	688.289	0.339	468.037	1569.596
0.998	14.706			
8/13/2016 4:00:00 PM	237600.000	146.396	21.095	338.023
636.995	688.341	0.339	468.072	1569.871
0.998	14.706			
8/13/2016 4:15:00 PM	238500.000	146.406	21.109	338.046
638.925	690.226	0.340	469.354	1565.130
0.998	14.703			
8/13/2016 4:30:00 PM	239400.000	146.420	21.110	338.080
638.469	689.719	0.340	469.009	1566.246
0.998	14.699			
8/13/2016 4:45:00 PM	240300.000	146.423	21.113	338.085
638.129	689.304	0.339	468.727	1567.081
0.998	14.697			
8/13/2016 5:00:00 PM	241200.000	146.403	21.101	338.040
637.390	688.673	0.339	468.297	1568.897
0.998	14.697			
8/13/2016 5:15:00 PM	242100.000	146.450	21.105	338.149

637.824	689.094	0.339	468.584	1567.831
0.998	14.694			
8/13/2016 5:30:00 PM	243000.000	146.464	21.095	338.180
637.696	689.086	0.339	468.579	1568.145
0.998	14.695			
8/13/2016 5:45:00 PM	243900.000	146.474	21.114	338.205
638.195	689.364	0.339	468.768	1566.919
0.998	14.690			
8/13/2016 6:00:00 PM	244800.000	146.492	21.102	338.245
637.655	688.942	0.339	468.481	1568.247
0.998	14.689			
8/13/2016 6:15:00 PM	245700.000	146.455	21.107	338.159
637.848	689.087	0.339	468.579	1567.772
0.998	14.689			
8/13/2016 6:30:00 PM	246600.000	146.501	21.115	338.266
637.195	688.265	0.339	468.020	1569.379
0.998	14.689			
8/13/2016 6:45:00 PM	247500.000	146.513	21.107	338.294
636.696	687.840	0.339	467.731	1570.608
0.998	14.690			
8/13/2016 7:00:00 PM	248400.000	146.510	21.103	338.288
636.211	687.376	0.338	467.416	1571.806
0.998	14.693			
8/13/2016 7:15:00 PM	249300.000	146.518	21.117	338.305
636.453	687.438	0.338	467.458	1571.207
0.998	14.695			
8/13/2016 7:30:00 PM	250200.000	146.533	21.106	338.340
635.534	686.597	0.338	466.886	1573.481
0.998	14.690			
8/13/2016 7:45:00 PM	251100.000	146.501	21.105	338.267
636.336	687.476	0.338	467.483	1571.496
0.998	14.687			
8/13/2016 8:00:00 PM	252000.000	146.546	21.111	338.370
636.205	687.251	0.338	467.331	1571.819
0.998	14.688			
8/13/2016 8:15:00 PM	252900.000	146.553	21.108	338.386
636.675	687.803	0.339	467.706	1570.660
0.998	14.686			
8/13/2016 8:30:00 PM	253800.000	146.563	21.106	338.408
636.231	687.357	0.338	467.403	1571.756
0.998	14.688			
8/13/2016 8:45:00 PM	254700.000	146.573	21.105	338.433
636.489	687.643	0.339	467.597	1571.120
0.998	14.692			
8/13/2016 9:00:00 PM	255600.000	146.577	21.103	338.442
636.639	687.830	0.339	467.724	1570.748
0.998	14.691			
8/13/2016 9:15:00 PM	256500.000	146.582	21.105	338.453
636.768	687.945	0.339	467.802	1570.430
0.998	14.693			
8/13/2016 9:30:00 PM	257400.000	146.554	21.098	338.388
636.687	687.954	0.339	467.809	1570.630
0.998	14.693			
8/13/2016 9:45:00 PM	258300.000	146.555	21.097	338.391
636.454	687.721	0.339	467.650	1571.205

0.998	14.692				
8/13/2016 10:00:00 PM	259200.000		146.563	21.095	338.410
636.923	688.258	0.339		468.016	1570.048
0.998	14.696				
8/13/2016 10:15:00 PM	260100.000		146.592	21.106	338.476
637.601	688.828	0.339		468.403	1568.379
0.998	14.697				
8/13/2016 10:30:00 PM	261000.000		146.608	21.107	338.514
637.204	688.388	0.339		468.104	1569.356
0.998	14.698				
8/13/2016 10:45:00 PM	261900.000		146.572	21.105	338.431
636.713	687.893	0.339		467.767	1570.567
0.998	14.697				
8/13/2016 11:00:00 PM	262800.000		146.603	21.112	338.501
636.718	687.787	0.339		467.695	1570.554
0.998	14.695				
8/13/2016 11:15:00 PM	263700.000		146.615	21.108	338.529
636.264	687.359	0.338		467.404	1571.674
0.998	14.697				
8/13/2016 11:30:00 PM	264600.000		146.622	21.109	338.546
637.308	688.469	0.339		468.159	1569.099
0.998	14.693				
8/13/2016 11:45:00 PM	265500.000		146.610	21.110	338.519
637.016	688.145	0.339		467.939	1569.819
0.998	14.692				
8/14/2016 12:00:00 AM	266400.000		146.623	21.113	338.548
637.052	688.145	0.339		467.939	1569.731
0.998	14.694				
8/14/2016 12:15:00 AM	267300.000		146.621	21.113	338.543
636.812	687.875	0.339		467.755	1570.323
0.998	14.693				
8/14/2016 12:30:00 AM	268200.000		146.629	21.111	338.561
636.394	687.458	0.338		467.472	1571.353
0.998	14.692				
8/14/2016 12:45:00 AM	269100.000		146.621	21.096	338.544
635.984	687.231	0.338		467.317	1572.367
0.998	14.690				
8/14/2016 1:00:00 AM	270000.000		146.588	21.092	338.466
635.692	686.969	0.338		467.139	1573.088
0.998	14.694				
8/14/2016 1:15:00 AM	270900.000		146.627	21.100	338.558
636.487	687.708	0.339		467.642	1571.125
0.998	14.690				
8/14/2016 1:30:00 AM	271800.000		146.581	21.111	338.451
636.481	687.547	0.338		467.532	1571.140
0.998	14.689				
8/14/2016 1:45:00 AM	272700.000		146.608	21.105	338.513
635.654	686.747	0.338		466.988	1573.182
0.998	14.691				
8/14/2016 2:00:00 AM	273600.000		146.578	21.103	338.445
635.434	686.532	0.338		466.842	1573.728
0.998	14.688				
8/14/2016 2:15:00 AM	274500.000		146.622	21.116	338.547
635.631	686.560	0.338		466.861	1573.240
0.998	14.687				

8/14/2016 2:30:00 AM	275400.000	146.577	21.107	338.442
635.338	686.376	0.338	466.735	1573.966
0.998	14.686			
8/14/2016 2:45:00 AM	276300.000	146.605	21.104	338.505
636.054	687.190	0.338	467.289	1572.194
0.998	14.683			
8/14/2016 3:00:00 AM	277200.000	146.611	21.107	338.520
635.926	687.011	0.338	467.168	1572.510
0.998	14.679			
8/14/2016 3:15:00 AM	278100.000	146.579	21.107	338.447
636.376	687.499	0.338	467.499	1571.398
0.998	14.676			
8/14/2016 3:30:00 AM	279000.000	146.610	21.101	338.518
636.258	687.452	0.338	467.467	1571.689
0.998	14.680			
8/14/2016 3:45:00 AM	279900.000	146.606	21.105	338.508
636.272	687.411	0.338	467.439	1571.655
0.998	14.678			
8/14/2016 4:00:00 AM	280800.000	146.612	21.098	338.522
636.196	687.432	0.338	467.454	1571.842
0.998	14.684			
8/14/2016 4:15:00 AM	281700.000	146.606	21.106	338.509
636.528	687.680	0.339	467.622	1571.023
0.998	14.684			
8/14/2016 4:30:00 AM	282600.000	146.593	21.112	338.479
636.529	687.586	0.338	467.559	1571.019
0.998	14.684			
8/14/2016 4:45:00 AM	283500.000	146.605	21.107	338.506
635.755	686.819	0.338	467.037	1572.932
0.998	14.683			
8/14/2016 5:00:00 AM	284400.000	146.601	21.109	338.496
635.587	686.611	0.338	466.896	1573.349
0.998	14.681			
8/14/2016 5:15:00 AM	285300.000	146.553	21.111	338.386
634.961	685.913	0.338	466.421	1574.900
0.998	14.687			
8/14/2016 5:30:00 AM	286200.000	146.583	21.101	338.456
634.731	685.804	0.338	466.347	1575.471
0.998	14.685			
8/14/2016 5:45:00 AM	287100.000	146.584	21.107	338.458
635.627	686.684	0.338	466.945	1573.251
0.998	14.689			
8/14/2016 6:00:00 AM	288000.000	146.578	21.111	338.443
635.137	686.103	0.338	466.550	1574.464
0.998	14.687			
8/14/2016 6:15:00 AM	288900.000	146.564	21.114	338.413
636.052	687.047	0.338	467.192	1572.198
0.998	14.697			
8/14/2016 6:30:00 AM	289800.000	146.568	21.101	338.422
636.600	687.825	0.339	467.721	1570.845
0.998	14.692			
8/14/2016 6:45:00 AM	290700.000	146.532	21.097	338.338
636.543	687.817	0.339	467.715	1570.986
0.998	14.693			
8/14/2016 7:00:00 AM	291600.000	146.526	21.091	338.324

636.719	688.097	0.339	467.906	1570.552
0.998	14.696			
8/14/2016 7:15:00 AM	292500.000	146.558	21.095	338.399
637.457	688.828	0.339	468.403	1568.734
0.998	14.700			
8/14/2016 7:30:00 AM	293400.000	146.561	21.105	338.404
638.153	689.451	0.339	468.827	1567.021
0.998	14.689			
8/14/2016 7:45:00 AM	294300.000	146.525	21.097	338.321
637.504	688.856	0.339	468.422	1568.619
0.998	14.697			
8/14/2016 8:00:00 AM	295200.000	146.563	21.100	338.409
637.740	689.072	0.339	468.569	1568.037
0.998	14.695			
8/14/2016 8:15:00 AM	296100.000	146.551	21.107	338.381
638.004	689.259	0.339	468.696	1567.388
0.998	14.702			
8/14/2016 8:30:00 AM	297000.000	146.553	21.100	338.387
638.222	689.594	0.340	468.924	1566.852
0.998	14.702			
8/14/2016 8:45:00 AM	297900.000	146.553	21.095	338.387
638.152	689.591	0.340	468.922	1567.026
0.998	14.704			
8/14/2016 9:00:00 AM	298800.000	146.557	21.108	338.396
638.736	690.035	0.340	469.224	1565.593
0.998	14.703			
8/14/2016 9:15:00 AM	299700.000	146.555	21.107	338.392
638.285	689.559	0.339	468.900	1566.698
0.998	14.703			
8/14/2016 9:30:00 AM	300600.000	146.552	21.101	338.383
637.812	689.133	0.339	468.611	1567.859
0.998	14.701			
8/14/2016 9:45:00 AM	301500.000	146.559	21.103	338.401
637.504	688.776	0.339	468.367	1568.617
0.998	14.705			
8/14/2016 10:00:00 AM	302400.000	146.506	21.103	338.277
637.662	688.947	0.339	468.484	1568.228
0.998	14.711			
8/14/2016 10:15:00 AM	303300.000	146.543	21.111	338.362
637.640	688.808	0.339	468.390	1568.283
0.998	14.712			
8/14/2016 10:30:00 AM	304200.000	146.554	21.115	338.388
637.468	688.564	0.339	468.223	1568.707
0.998	14.704			
8/14/2016 10:45:00 AM	305100.000	146.525	21.100	338.321
636.687	687.925	0.339	467.789	1570.630
0.998	14.709			
8/14/2016 11:00:00 AM	306000.000	146.524	21.104	338.320
636.761	687.953	0.339	467.808	1570.448
0.998	14.708			
8/14/2016 11:15:00 AM	306900.000	146.514	21.093	338.296
636.704	688.044	0.339	467.870	1570.589
0.998	14.704			
8/14/2016 11:30:00 AM	307800.000	146.452	21.111	338.154
637.133	688.261	0.339	468.018	1569.531

0.998	14.703				
8/14/2016 11:45:00 AM	308700.000	146.482	21.110	338.221	
636.792	687.903	0.339	467.774	1570.373	
0.998	14.703				
8/14/2016 12:00:00 PM	309600.000	146.469	21.102	338.192	
636.389	687.577	0.338	467.553	1571.366	
0.998	14.706				
8/14/2016 12:15:00 PM	310500.000	146.453	21.101	338.155	
636.507	687.726	0.339	467.654	1571.076	
0.998	14.703				
8/14/2016 12:30:00 PM	311400.000	146.409	21.107	338.053	
639.567	690.946	0.340	469.843	1563.557	
0.998	14.699				
8/14/2016 12:45:00 PM	312300.000	146.391	21.100	338.012	
639.448	690.912	0.340	469.820	1563.848	
0.998	14.704				
8/14/2016 1:00:00 PM	313200.000	146.434	21.107	338.111	
640.195	691.622	0.341	470.303	1562.024	
0.998	14.695				
8/14/2016 1:15:00 PM	314100.000	146.423	21.106	338.086	
640.005	691.434	0.340	470.175	1562.488	
0.998	14.701				
8/14/2016 1:30:00 PM	315000.000	146.418	21.108	338.074	
639.594	690.954	0.340	469.849	1563.492	
0.998	14.698				
8/14/2016 1:45:00 PM	315900.000	146.411	21.107	338.058	
638.685	689.996	0.340	469.198	1565.718	
0.998	14.705				
8/14/2016 2:00:00 PM	316800.000	146.413	21.102	338.064	
638.428	689.782	0.340	469.052	1566.348	
0.998	14.699				
8/14/2016 2:15:00 PM	317700.000	146.396	21.092	338.023	
638.673	690.184	0.340	469.325	1565.747	
0.998	14.691				
8/14/2016 2:30:00 PM	318600.000	146.415	21.116	338.067	
639.248	690.474	0.340	469.522	1564.338	
0.998	14.697				
8/14/2016 2:45:00 PM	319500.000	146.421	21.100	338.082	
638.340	689.722	0.340	469.011	1566.564	
0.998	14.698				
8/14/2016 3:00:00 PM	320400.000	146.430	21.098	338.101	
638.224	689.626	0.340	468.946	1566.847	
0.998	14.691				
8/14/2016 3:15:00 PM	321300.000	146.433	21.104	338.109	
639.219	690.603	0.340	469.610	1564.410	
0.998	14.690				
8/14/2016 3:30:00 PM	322200.000	146.440	21.108	338.124	
639.090	690.420	0.340	469.486	1564.725	
0.998	14.691				
8/14/2016 3:45:00 PM	323100.000	146.440	21.107	338.126	
639.084	690.424	0.340	469.489	1564.739	
0.998	14.692				
8/14/2016 4:00:00 PM	324000.000	146.420	21.102	338.078	
638.721	690.098	0.340	469.267	1565.628	
0.998	14.686				

8/14/2016 4:15:00 PM	324900.000	146.455	21.111	338.160
639.338	690.640	0.340	469.635	1564.118
0.998	14.693			
8/14/2016 4:30:00 PM	325800.000	146.465	21.109	338.183
639.197	690.515	0.340	469.550	1564.462
0.998	14.683			
8/14/2016 4:45:00 PM	326700.000	146.475	21.103	338.207
638.998	690.392	0.340	469.467	1564.950
0.998	14.685			
8/14/2016 5:00:00 PM	327600.000	146.477	21.111	338.211
639.228	690.520	0.340	469.553	1564.387
0.998	14.691			
8/14/2016 5:15:00 PM	328500.000	146.486	21.107	338.232
639.158	690.508	0.340	469.546	1564.557
0.998	14.689			
8/14/2016 5:30:00 PM	329400.000	146.509	21.105	338.285
638.683	690.018	0.340	469.212	1565.723
0.998	14.686			
8/14/2016 5:45:00 PM	330300.000	146.511	21.113	338.290
638.291	689.482	0.339	468.848	1566.683
0.998	14.686			
8/14/2016 6:00:00 PM	331200.000	146.502	21.107	338.269
638.095	689.348	0.339	468.757	1567.165
0.998	14.688			
8/14/2016 6:15:00 PM	332100.000	146.517	21.103	338.302
637.612	688.888	0.339	468.444	1568.351
0.998	14.688			
8/14/2016 6:30:00 PM	333000.000	146.493	21.099	338.247
637.283	688.592	0.339	468.243	1569.161
0.998	14.684			
8/14/2016 6:45:00 PM	333900.000	146.541	21.112	338.360
637.917	689.094	0.339	468.584	1567.602
0.998	14.683			
8/14/2016 7:00:00 PM	334800.000	146.504	21.106	338.273
638.370	689.660	0.340	468.969	1566.489
0.998	14.685			
8/14/2016 7:15:00 PM	335700.000	146.557	21.108	338.395
639.008	690.330	0.340	469.424	1564.925
0.998	14.687			
8/14/2016 7:30:00 PM	336600.000	146.571	21.110	338.428
637.846	689.038	0.339	468.546	1567.778
0.998	14.686			
8/14/2016 7:45:00 PM	337500.000	146.539	21.113	338.353
637.616	688.748	0.339	468.349	1568.343
0.998	14.686			
8/14/2016 8:00:00 PM	338400.000	146.579	21.107	338.445
636.789	687.943	0.339	467.801	1570.380
0.998	14.689			
8/14/2016 8:15:00 PM	339300.000	146.587	21.110	338.465
636.627	687.729	0.339	467.656	1570.778
0.998	14.688			
8/14/2016 8:30:00 PM	340200.000	146.589	21.113	338.469
636.824	687.895	0.339	467.769	1570.294
0.998	14.694			
8/14/2016 8:45:00 PM	341100.000	146.600	21.106	338.495

636.700	687.857	0.339	467.743	1570.599
0.998	14.690			
8/14/2016 9:00:00 PM	342000.000	146.606	21.109	338.508
636.470	687.568	0.338	467.546	1571.166
0.998	14.700			
8/14/2016 9:15:00 PM	342900.000	146.629	21.108	338.561
636.477	687.591	0.338	467.562	1571.149
0.998	14.696			
8/14/2016 9:30:00 PM	343800.000	146.624	21.105	338.549
636.411	687.566	0.338	467.545	1571.312
0.998	14.698			
8/14/2016 9:45:00 PM	344700.000	146.631	21.112	338.567
636.635	687.699	0.339	467.635	1570.759
0.998	14.698			
8/14/2016 10:00:00 PM	345600.000	146.639	21.102	338.586
636.318	687.506	0.338	467.504	1571.541
0.998	14.699			
8/14/2016 10:15:00 PM	346500.000	146.657	21.104	338.626
637.286	688.520	0.339	468.193	1569.155
0.998	14.698			
8/14/2016 10:30:00 PM	347400.000	146.616	21.104	338.531
637.202	688.432	0.339	468.134	1569.360
0.998	14.700			
8/14/2016 10:45:00 PM	348300.000	146.619	21.101	338.539
639.105	690.527	0.340	469.558	1564.688
0.998	14.700			
8/14/2016 11:00:00 PM	349200.000	146.674	21.105	338.665
638.976	690.331	0.340	469.425	1565.003
0.998	14.701			
8/14/2016 11:15:00 PM	350100.000	146.677	21.113	338.672
639.199	690.456	0.340	469.510	1564.458
0.998	14.700			
8/14/2016 11:30:00 PM	351000.000	146.680	21.109	338.680
638.855	690.141	0.340	469.296	1565.302
0.998	14.700			
8/14/2016 11:45:00 PM	351900.000	146.679	21.107	338.678
638.388	689.668	0.340	468.974	1566.445
0.998	14.698			
8/15/2016 12:00:00 AM	352800.000	146.687	21.112	338.696
638.001	689.174	0.339	468.638	1567.397
0.998	14.705			
8/15/2016 12:15:00 AM	353700.000	146.697	21.111	338.718
637.199	688.334	0.339	468.067	1569.369
0.998	14.703			
8/15/2016 12:30:00 AM	354600.000	146.664	21.095	338.644
636.746	688.072	0.339	467.889	1570.484
0.998	14.704			
8/15/2016 12:45:00 AM	355500.000	146.695	21.100	338.715
636.726	687.973	0.339	467.822	1570.535
0.998	14.712			
8/15/2016 1:00:00 AM	356400.000	146.705	21.108	338.738
637.500	688.699	0.339	468.315	1568.628
0.998	14.706			
8/15/2016 1:15:00 AM	357300.000	146.710	21.107	338.748
636.682	687.826	0.339	467.721	1570.642

0.998	14.709				
8/15/2016 1:30:00 AM	358200.000	146.718	21.095	338.767	
635.866	687.114	0.338	467.237	1572.658	
0.998	14.707				
8/15/2016 1:45:00 AM	359100.000	146.684	21.099	338.689	
635.444	686.606	0.338	466.892	1573.702	
0.998	14.707				
8/15/2016 2:00:00 AM	360000.000	146.714	21.107	338.759	
636.282	687.388	0.338	467.424	1571.631	
0.998	14.704				
8/15/2016 2:15:00 AM	360900.000	146.692	21.112	338.707	
637.774	688.940	0.339	468.479	1567.954	
0.998	14.702				
8/15/2016 2:30:00 AM	361800.000	146.718	21.112	338.768	
637.301	688.429	0.339	468.132	1569.116	
0.998	14.703				
8/15/2016 2:45:00 AM	362700.000	146.736	21.113	338.809	
637.156	688.253	0.339	468.012	1569.475	
0.998	14.698				
8/15/2016 3:00:00 AM	363600.000	146.722	21.105	338.777	
636.613	687.775	0.339	467.687	1570.813	
0.998	14.698				
8/15/2016 3:15:00 AM	364500.000	146.734	21.101	338.805	
636.416	687.628	0.339	467.587	1571.300	
0.998	14.698				
8/15/2016 3:30:00 AM	365400.000	146.736	21.107	338.810	
636.343	687.463	0.338	467.475	1571.480	
0.998	14.695				
8/15/2016 3:45:00 AM	366300.000	146.739	21.111	338.815	
635.665	686.671	0.338	466.936	1573.155	
0.998	14.699				
8/15/2016 4:00:00 AM	367200.000	146.743	21.108	338.825	
635.454	686.485	0.338	466.810	1573.677	
0.998	14.697				
8/15/2016 4:15:00 AM	368100.000	146.706	21.105	338.741	
636.119	687.251	0.338	467.330	1572.033	
0.998	14.699				
8/15/2016 4:30:00 AM	369000.000	146.739	21.098	338.817	
636.807	688.082	0.339	467.896	1570.334	
0.998	14.701				
8/15/2016 4:45:00 AM	369900.000	146.705	21.111	338.737	
637.880	689.063	0.339	468.563	1567.692	
0.998	14.700				
8/15/2016 5:00:00 AM	370800.000	146.750	21.106	338.842	
636.956	688.134	0.339	467.931	1569.967	
0.998	14.702				
8/15/2016 5:15:00 AM	371700.000	146.743	21.114	338.824	
637.197	688.280	0.339	468.030	1569.373	
0.998	14.704				
8/15/2016 5:30:00 AM	372600.000	146.734	21.115	338.803	
636.644	687.675	0.339	467.619	1570.736	
0.998	14.707				
8/15/2016 5:45:00 AM	373500.000	146.747	21.108	338.835	
635.542	686.585	0.338	466.878	1573.459	
0.998	14.700				

8/15/2016 6:00:00 AM	374400.000	146.747	21.101	338.833
635.585	686.732	0.338	466.978	1573.353
0.998	14.705			
8/15/2016 6:15:00 AM	375300.000	146.727	21.101	338.788
636.340	687.536	0.338	467.524	1571.486
0.998	14.696			
8/15/2016 6:30:00 AM	376200.000	146.711	21.107	338.752
635.806	686.883	0.338	467.080	1572.807
0.998	14.705			
8/15/2016 6:45:00 AM	377100.000	146.742	21.114	338.823
636.597	687.629	0.339	467.588	1570.853
0.998	14.708			
8/15/2016 7:00:00 AM	378000.000	146.729	21.114	338.794
635.982	686.965	0.338	467.136	1572.372
0.998	14.712			
8/15/2016 7:15:00 AM	378900.000	146.726	21.108	338.785
635.637	686.683	0.338	466.945	1573.224
0.998	14.713			
8/15/2016 7:30:00 AM	379800.000	146.718	21.113	338.766
635.560	686.527	0.338	466.839	1573.417
0.998	14.717			
8/15/2016 7:45:00 AM	380700.000	146.716	21.108	338.763
635.280	686.298	0.338	466.683	1574.109
0.998	14.715			
8/15/2016 8:00:00 AM	381600.000	146.710	21.097	338.748
635.237	686.401	0.338	466.753	1574.216
0.998	14.720			
8/15/2016 8:15:00 AM	382500.000	146.696	21.108	338.717
635.662	686.705	0.338	466.959	1573.163
0.998	14.719			
8/15/2016 8:30:00 AM	383400.000	146.680	21.112	338.680
635.511	686.488	0.338	466.812	1573.538
0.998	14.719			
8/15/2016 8:45:00 AM	384300.000	146.681	21.109	338.681
634.999	685.977	0.338	466.464	1574.807
0.998	14.719			
8/15/2016 9:00:00 AM	385200.000	146.631	21.101	338.565
635.107	686.216	0.338	466.627	1574.538
0.998	14.722			
8/15/2016 9:15:00 AM	386100.000	146.615	21.100	338.530
635.686	686.848	0.338	467.056	1573.103
0.998	14.724			
8/15/2016 9:30:00 AM	387000.000	146.588	21.106	338.467
636.459	687.597	0.338	467.566	1571.194
0.998	14.726			
8/15/2016 9:45:00 AM	387900.000	146.616	21.105	338.531
636.631	687.793	0.339	467.699	1570.768
0.998	14.725			
8/15/2016 10:00:00 AM	388800.000	146.572	21.099	338.431
636.740	688.006	0.339	467.844	1570.500
0.998	14.726			
8/15/2016 10:15:00 AM	389700.000	146.580	21.105	338.449
636.953	688.151	0.339	467.943	1569.973
0.998	14.726			
8/15/2016 10:30:00 AM	390600.000	146.563	21.106	338.409

637.138	688.335	0.339	468.068	1569.519
0.998	14.732			
8/15/2016 10:45:00 AM	391500.000	146.558	21.102	338.398
637.575	688.860	0.339	468.425	1568.442
0.998	14.731			
8/15/2016 11:00:00 AM	392400.000	146.556	21.104	338.392
637.694	688.968	0.339	468.499	1568.151
0.998	14.728			
8/15/2016 11:15:00 AM	393300.000	146.534	21.109	338.342
637.869	689.084	0.339	468.577	1567.720
0.998	14.734			
8/15/2016 11:30:00 AM	394200.000	146.485	21.103	338.229
636.948	688.172	0.339	467.957	1569.987
0.998	14.731			
8/15/2016 11:45:00 AM	395100.000	146.509	21.105	338.285
637.580	688.828	0.339	468.403	1568.430
0.998	14.729			
8/15/2016 12:00:00 PM	396000.000	146.484	21.101	338.228
637.069	688.327	0.339	468.062	1569.688
0.998	14.726			
8/15/2016 12:15:00 PM	396900.000	146.433	21.101	338.108
637.558	688.853	0.339	468.420	1568.484
0.998	14.727			
8/15/2016 12:30:00 PM	397800.000	146.473	21.103	338.201
638.435	689.779	0.340	469.050	1566.329
0.998	14.722			
8/15/2016 12:45:00 PM	398700.000	146.452	21.101	338.153
638.805	690.207	0.340	469.341	1565.423
0.998	14.717			
8/15/2016 1:00:00 PM	399600.000	146.445	21.090	338.138
639.071	690.648	0.340	469.641	1564.772
0.998	14.714			
8/15/2016 1:15:00 PM	400500.000	146.419	21.102	338.077
639.980	691.458	0.340	470.191	1562.549
0.998	14.723			
8/15/2016 1:30:00 PM	401400.000	146.412	21.109	338.060
641.095	692.564	0.341	470.943	1559.832
0.998	14.720			
8/15/2016 1:45:00 PM	402300.000	146.375	21.103	337.976
640.863	692.394	0.341	470.828	1560.397
0.998	14.714			
8/15/2016 2:00:00 PM	403200.000	146.395	21.101	338.022
640.653	692.205	0.341	470.699	1560.908
0.998	14.721			
8/15/2016 2:15:00 PM	404100.000	146.398	21.095	338.029
640.167	691.756	0.341	470.394	1562.093
0.998	14.716			
8/15/2016 2:30:00 PM	405000.000	146.330	21.101	337.872
640.552	692.093	0.341	470.623	1561.153
0.998	14.721			
8/15/2016 2:45:00 PM	405900.000	146.331	21.098	337.874
640.246	691.808	0.341	470.430	1561.899
0.998	14.720			
8/15/2016 3:00:00 PM	406800.000	146.358	21.103	337.935
639.883	691.348	0.340	470.116	1562.785

0.998	14.714				
8/15/2016 3:15:00 PM	407700.000	146.351	21.105	337.919	
640.320	691.784	0.341	470.413	1561.719	
0.998	14.709				
8/15/2016 3:30:00 PM	408600.000	146.337	21.100	337.887	
639.584	691.066	0.340	469.925	1563.517	
0.998	14.716				
8/15/2016 3:45:00 PM	409500.000	146.335	21.105	337.883	
639.677	691.091	0.340	469.942	1563.288	
0.998	14.707				
8/15/2016 4:00:00 PM	410400.000	146.329	21.099	337.869	
640.052	691.584	0.341	470.277	1562.374	
0.998	14.710				
8/15/2016 4:15:00 PM	411300.000	146.286	21.101	337.770	
640.438	691.971	0.341	470.540	1561.431	
0.998	14.709				
8/15/2016 4:30:00 PM	412200.000	146.319	21.104	337.846	
640.359	691.839	0.341	470.451	1561.624	
0.998	14.707				
8/15/2016 4:45:00 PM	413100.000	146.324	21.104	337.857	
640.613	692.122	0.341	470.643	1561.005	
0.998	14.703				
8/15/2016 5:00:00 PM	414000.000	146.329	21.114	337.870	
640.782	692.153	0.341	470.664	1560.594	
0.998	14.702				
8/15/2016 5:15:00 PM	414900.000	146.326	21.110	337.862	
640.482	691.883	0.341	470.481	1561.323	
0.998	14.706				
8/15/2016 5:30:00 PM	415800.000	146.331	21.101	337.873	
639.984	691.483	0.340	470.208	1562.540	
0.998	14.706				
8/15/2016 5:45:00 PM	416700.000	146.350	21.106	337.918	
640.173	691.613	0.341	470.297	1562.077	
0.998	14.702				
8/15/2016 6:00:00 PM	417600.000	146.322	21.102	337.852	
641.641	693.250	0.341	471.410	1558.505	
0.998	14.706				
8/15/2016 6:15:00 PM	418500.000	146.335	21.100	337.884	
642.165	693.850	0.342	471.818	1557.232	
0.998	14.699				
8/15/2016 6:30:00 PM	419400.000	146.383	21.097	337.993	
642.291	694.030	0.342	471.940	1556.927	
0.998	14.701				
8/15/2016 6:45:00 PM	420300.000	146.383	21.104	337.993	
641.851	693.447	0.341	471.544	1557.994	
0.998	14.702				
8/15/2016 7:00:00 PM	421200.000	146.393	21.104	338.016	
641.201	692.751	0.341	471.070	1559.574	
0.998	14.700				
8/15/2016 7:15:00 PM	422100.000	146.407	21.104	338.048	
640.386	691.866	0.341	470.469	1561.557	
0.998	14.700				
8/15/2016 7:30:00 PM	423000.000	146.430	21.110	338.102	
640.204	691.595	0.341	470.285	1562.003	
0.998	14.698				

8/15/2016 7:45:00 PM	423900.000	146.404	21.103	338.042
639.860	691.315	0.340	470.094	1562.842
0.998	14.701			
8/15/2016 8:00:00 PM	424800.000	146.419	21.096	338.077
639.854	691.405	0.340	470.155	1562.855
0.998	14.704			
8/15/2016 8:15:00 PM	425700.000	146.456	21.107	338.162
639.608	690.984	0.340	469.869	1563.458
0.998	14.703			
8/15/2016 8:30:00 PM	426600.000	146.468	21.110	338.189
639.778	691.134	0.340	469.971	1563.042
0.998	14.704			
8/15/2016 8:45:00 PM	427500.000	146.444	21.099	338.134
639.669	691.171	0.340	469.997	1563.307
0.998	14.703			
8/15/2016 9:00:00 PM	428400.000	146.493	21.109	338.249
639.622	690.977	0.340	469.865	1563.425
0.998	14.705			
8/15/2016 9:15:00 PM	429300.000	146.517	21.099	338.303
639.393	690.872	0.340	469.793	1563.984
0.998	14.701			
8/15/2016 9:30:00 PM	430200.000	146.514	21.109	338.296
639.953	691.334	0.340	470.107	1562.614
0.998	14.708			
8/15/2016 9:45:00 PM	431100.000	146.521	21.112	338.312
639.887	691.224	0.340	470.032	1562.777
0.998	14.713			
8/15/2016 10:00:00 PM	432000.000	146.526	21.116	338.323
640.228	691.525	0.340	470.237	1561.943
0.998	14.709			
8/15/2016 10:15:00 PM	432900.000	146.547	21.107	338.373
639.629	691.005	0.340	469.884	1563.406
0.998	14.713			
8/15/2016 10:30:00 PM	433800.000	146.556	21.099	338.393
638.790	690.220	0.340	469.350	1565.459
0.998	14.709			
8/15/2016 10:45:00 PM	434700.000	146.563	21.095	338.410
639.003	690.506	0.340	469.544	1564.938
0.998	14.705			
8/15/2016 11:00:00 PM	435600.000	146.571	21.111	338.428
640.795	692.214	0.341	470.705	1560.561
0.998	14.702			
8/15/2016 11:15:00 PM	436500.000	146.578	21.111	338.443
637.518	688.677	0.339	468.300	1568.584
0.998	14.700			
8/15/2016 11:30:00 PM	437400.000	146.586	21.115	338.462
637.138	688.203	0.339	467.978	1569.519
0.998	14.706			
8/15/2016 11:45:00 PM	438300.000	146.596	21.105	338.486
636.307	687.454	0.338	467.469	1571.570
0.998	14.701			
8/16/2016 12:00:00 AM	439200.000	146.599	21.111	338.493
636.682	687.768	0.339	467.682	1570.644
0.998	14.705			
8/16/2016 12:15:00 AM	440100.000	146.607	21.109	338.510

636.546	687.648	0.339	467.601	1570.978
0.998	14.705			
8/16/2016 12:30:00 AM	441000.000	146.629	21.104	338.561
636.384	687.543	0.338	467.529	1571.378
0.998	14.705			
8/16/2016 12:45:00 AM	441900.000	146.633	21.098	338.571
636.109	687.336	0.338	467.389	1572.058
0.998	14.704			
8/16/2016 1:00:00 AM	442800.000	146.629	21.102	338.561
636.012	687.168	0.338	467.274	1572.298
0.998	14.703			
8/16/2016 1:15:00 AM	443700.000	146.630	21.107	338.564
636.305	687.424	0.338	467.448	1571.574
0.998	14.699			
8/16/2016 1:30:00 AM	444600.000	146.639	21.110	338.585
636.347	687.426	0.338	467.450	1571.470
0.998	14.699			
8/16/2016 1:45:00 AM	445500.000	146.633	21.115	338.571
636.851	687.892	0.339	467.767	1570.227
0.998	14.699			
8/16/2016 2:00:00 AM	446400.000	146.636	21.116	338.578
636.169	687.147	0.338	467.260	1571.911
0.998	14.695			
8/16/2016 2:15:00 AM	447300.000	146.610	21.100	338.518
634.949	686.050	0.338	466.514	1574.929
0.998	14.695			
8/16/2016 2:30:00 AM	448200.000	146.646	21.108	338.601
635.472	686.503	0.338	466.822	1573.635
0.998	14.693			
8/16/2016 2:45:00 AM	449100.000	146.646	21.112	338.600
636.563	687.632	0.339	467.590	1570.936
0.998	14.693			
8/16/2016 3:00:00 AM	450000.000	146.660	21.105	338.634
636.660	687.826	0.339	467.722	1570.697
0.998	14.694			
8/16/2016 3:15:00 AM	450900.000	146.661	21.105	338.635
637.058	688.255	0.339	468.014	1569.715
0.998	14.694			
8/16/2016 3:30:00 AM	451800.000	146.667	21.110	338.650
637.414	688.573	0.339	468.229	1568.839
0.998	14.692			
8/16/2016 3:45:00 AM	452700.000	146.668	21.104	338.652
637.251	688.477	0.339	468.164	1569.241
0.998	14.687			
8/16/2016 4:00:00 AM	453600.000	146.656	21.118	338.624
637.114	688.140	0.339	467.935	1569.577
0.998	14.693			
8/16/2016 4:15:00 AM	454500.000	146.663	21.108	338.639
635.526	686.566	0.338	466.865	1573.500
0.998	14.685			
8/16/2016 4:30:00 AM	455400.000	146.657	21.103	338.625
635.603	686.718	0.338	466.968	1573.309
0.998	14.694			
8/16/2016 4:45:00 AM	456300.000	146.661	21.113	338.635
635.458	686.424	0.338	466.768	1573.667

0.998	14.689				
8/16/2016 5:00:00 AM	457200.000		146.624	21.109	338.550
636.246	687.326	0.338		467.382	1571.718
0.998	14.688				
8/16/2016 5:15:00 AM	458100.000		146.673	21.109	338.663
635.407	686.420	0.338		466.766	1573.795
0.998	14.680				
8/16/2016 5:30:00 AM	459000.000		146.667	21.109	338.649
635.409	686.418	0.338		466.764	1573.789
0.998	14.688				
8/16/2016 5:45:00 AM	459900.000		146.660	21.113	338.634
635.007	685.937	0.338		466.437	1574.785
0.998	14.693				
8/16/2016 6:00:00 AM	460800.000		146.664	21.112	338.643
634.992	685.923	0.338		466.428	1574.823
0.998	14.694				
8/16/2016 6:15:00 AM	461700.000		146.668	21.109	338.653
634.793	685.757	0.338		466.315	1575.318
0.998	14.692				
8/16/2016 6:30:00 AM	462600.000		146.664	21.111	338.642
634.665	685.587	0.337		466.199	1575.634
0.998	14.697				
8/16/2016 6:45:00 AM	463500.000		146.671	21.114	338.660
635.964	686.951	0.338		467.126	1572.416
0.998	14.697				
8/16/2016 7:00:00 AM	464400.000		146.658	21.109	338.628
635.948	687.002	0.338		467.162	1572.456
0.998	14.700				
8/16/2016 7:15:00 AM	465300.000		146.680	21.118	338.679
636.163	687.106	0.338		467.232	1571.924
0.998	14.701				
8/16/2016 7:30:00 AM	466200.000		146.670	21.100	338.658
634.876	685.970	0.338		466.460	1575.110
0.998	14.702				
8/16/2016 7:45:00 AM	467100.000		146.673	21.109	338.664
635.407	686.419	0.338		466.765	1573.795
0.998	14.703				
8/16/2016 8:00:00 AM	468000.000		146.667	21.109	338.651
636.093	687.165	0.338		467.272	1572.097
0.998	14.701				
8/16/2016 8:15:00 AM	468900.000		146.652	21.107	338.615
636.248	687.364	0.338		467.407	1571.714
0.998	14.703				
8/16/2016 8:30:00 AM	469800.000		146.646	21.113	338.601
636.282	687.304	0.338		467.367	1571.630
0.998	14.704				
8/16/2016 8:45:00 AM	470700.000		146.658	21.114	338.629
635.557	686.515	0.338		466.830	1573.423
0.998	14.704				
8/16/2016 9:00:00 AM	471600.000		146.603	21.108	338.501
635.182	686.192	0.338		466.611	1574.352
0.998	14.705				
8/16/2016 9:15:00 AM	472500.000		146.631	21.100	338.565
634.895	686.000	0.338		466.480	1575.064
0.998	14.702				

8/16/2016 9:30:00 AM	473400.000	146.578	21.092	338.445
635.386	686.637	0.338	466.913	1573.846
0.998	14.713			
8/16/2016 9:45:00 AM	474300.000	146.613	21.096	338.525
636.546	687.843	0.339	467.733	1570.978
0.998	14.699			
8/16/2016 10:00:00 AM	475200.000	146.585	21.102	338.461
637.176	688.432	0.339	468.133	1569.424
0.998	14.698			
8/16/2016 10:15:00 AM	476100.000	146.543	21.100	338.364
637.255	688.551	0.339	468.215	1569.230
0.998	14.702			
8/16/2016 10:30:00 AM	477000.000	146.548	21.100	338.374
637.380	688.679	0.339	468.302	1568.922
0.998	14.703			
8/16/2016 10:45:00 AM	477900.000	146.519	21.095	338.307
637.635	689.030	0.339	468.541	1568.295
0.998	14.701			
8/16/2016 11:00:00 AM	478800.000	146.520	21.102	338.311
637.983	689.297	0.339	468.722	1567.440
0.998	14.706			
8/16/2016 11:15:00 AM	479700.000	146.468	21.107	338.191
638.399	689.676	0.340	468.980	1566.419
0.998	14.709			
8/16/2016 11:30:00 AM	480600.000	146.494	21.107	338.250
638.035	689.287	0.339	468.715	1567.313
0.998	14.697			
8/16/2016 11:45:00 AM	481500.000	146.438	21.109	338.120
638.457	689.713	0.340	469.005	1566.277
0.998	14.703			
8/16/2016 12:00:00 PM	482400.000	146.427	21.095	338.096
637.531	688.913	0.339	468.461	1568.552
0.998	14.707			
8/16/2016 12:15:00 PM	483300.000	146.404	21.094	338.043
638.407	689.873	0.340	469.113	1566.400
0.998	14.705			
8/16/2016 12:30:00 PM	484200.000	146.429	21.098	338.099
639.617	691.128	0.340	469.967	1563.437
0.998	14.708			
8/16/2016 12:45:00 PM	485100.000	146.430	21.100	338.102
641.063	692.657	0.341	471.007	1559.910
0.998	14.701			
8/16/2016 1:00:00 PM	486000.000	146.403	21.107	338.039
641.219	692.731	0.341	471.057	1559.529
0.998	14.709			
8/16/2016 1:15:00 PM	486900.000	146.375	21.113	337.976
641.320	692.757	0.341	471.075	1559.285
0.998	14.708			
8/16/2016 1:30:00 PM	487800.000	146.382	21.103	337.991
640.658	692.181	0.341	470.683	1560.895
0.998	14.704			
8/16/2016 1:45:00 PM	488700.000	146.354	21.089	337.927
640.651	692.367	0.341	470.810	1560.913
0.998	14.708			
8/16/2016 2:00:00 PM	489600.000	146.353	21.105	337.923

641.119	692.650	0.341	471.002	1559.774
0.998	14.703			
8/16/2016 2:15:00 PM	490500.000	146.345	21.098	337.905
640.835	692.442	0.341	470.860	1560.465
0.998	14.708			
8/16/2016 2:30:00 PM	491400.000	146.347	21.104	337.912
641.087	692.632	0.341	470.990	1559.850
0.998	14.699			
8/16/2016 2:45:00 PM	492300.000	146.345	21.101	337.907
640.405	691.939	0.341	470.518	1561.511
0.998	14.697			
8/16/2016 3:00:00 PM	493200.000	146.349	21.105	337.916
640.870	692.372	0.341	470.813	1560.380
0.998	14.696			
8/16/2016 3:15:00 PM	494100.000	146.353	21.102	337.925
640.390	691.906	0.341	470.496	1561.549
0.998	14.693			
8/16/2016 3:30:00 PM	495000.000	146.353	21.106	337.924
640.791	692.275	0.341	470.747	1560.570
0.998	14.693			
8/16/2016 3:45:00 PM	495900.000	146.346	21.104	337.907
641.551	693.129	0.341	471.327	1558.724
0.998	14.693			
8/16/2016 4:00:00 PM	496800.000	146.347	21.100	337.910
642.284	693.975	0.342	471.903	1556.944
0.998	14.690			
8/16/2016 4:15:00 PM	497700.000	146.304	21.108	337.810
642.260	693.843	0.342	471.813	1557.002
0.998	14.691			
8/16/2016 4:30:00 PM	498600.000	146.345	21.097	337.905
642.383	694.128	0.342	472.007	1556.705
0.998	14.690			
8/16/2016 4:45:00 PM	499500.000	146.337	21.103	337.889
642.969	694.669	0.342	472.375	1555.284
0.998	14.687			
8/16/2016 5:00:00 PM	500400.000	146.322	21.105	337.853
642.157	693.772	0.342	471.765	1557.252
0.998	14.691			
8/16/2016 5:15:00 PM	501300.000	146.325	21.105	337.860
642.587	694.240	0.342	472.083	1556.209
0.998	14.689			
8/16/2016 5:30:00 PM	502200.000	146.315	21.102	337.836
642.406	694.078	0.342	471.973	1556.647
0.998	14.685			
8/16/2016 5:45:00 PM	503100.000	146.331	21.098	337.875
642.623	694.368	0.342	472.170	1556.121
0.998	14.681			
8/16/2016 6:00:00 PM	504000.000	146.332	21.097	337.876
642.477	694.237	0.342	472.081	1556.475
0.998	14.684			
8/16/2016 6:15:00 PM	504900.000	146.337	21.105	337.887
642.872	694.548	0.342	472.293	1555.519
0.998	14.680			
8/16/2016 6:30:00 PM	505800.000	146.347	21.104	337.912
642.605	694.275	0.342	472.107	1556.165

0.998	14.677				
8/16/2016 6:45:00 PM	506700.000	146.352	21.104	337.923	
642.511	694.163	0.342	472.031	1556.393	
0.998	14.679				
8/16/2016 7:00:00 PM	507600.000	146.365	21.105	337.953	
642.138	693.751	0.342	471.751	1557.298	
0.998	14.679				
8/16/2016 7:15:00 PM	508500.000	146.350	21.101	337.918	
642.188	693.866	0.342	471.829	1557.176	
0.998	14.681				
8/16/2016 7:30:00 PM	509400.000	146.367	21.108	337.956	
642.130	693.692	0.342	471.711	1557.318	
0.998	14.685				
8/16/2016 7:45:00 PM	510300.000	146.371	21.110	337.967	
641.864	693.378	0.341	471.497	1557.963	
0.998	14.682				
8/16/2016 8:00:00 PM	511200.000	146.388	21.110	338.006	
640.685	692.102	0.341	470.629	1560.828	
0.998	14.682				
8/16/2016 8:15:00 PM	512100.000	146.409	21.104	338.054	
639.836	691.271	0.340	470.065	1562.900	
0.998	14.679				
8/16/2016 8:30:00 PM	513000.000	146.422	21.092	338.084	
639.941	691.558	0.341	470.259	1562.645	
0.998	14.685				
8/16/2016 8:45:00 PM	513900.000	146.422	21.105	338.085	
641.583	693.155	0.341	471.345	1558.645	
0.998	14.690				
8/16/2016 9:00:00 PM	514800.000	146.430	21.099	338.103	
641.960	693.647	0.342	471.680	1557.730	
0.998	14.690				
8/16/2016 9:15:00 PM	515700.000	146.444	21.108	338.135	
641.034	692.510	0.341	470.907	1559.979	
0.998	14.691				
8/16/2016 9:30:00 PM	516600.000	146.454	21.101	338.159	
640.951	692.528	0.341	470.919	1560.183	
0.998	14.695				
8/16/2016 9:45:00 PM	517500.000	146.470	21.110	338.195	
641.213	692.678	0.341	471.021	1559.545	
0.998	14.690				
8/16/2016 10:00:00 PM	518400.000	146.475	21.108	338.207	
640.975	692.446	0.341	470.864	1560.124	
0.998	14.695				
8/16/2016 10:15:00 PM	519300.000	146.479	21.112	338.216	
640.231	691.596	0.341	470.285	1561.936	
0.998	14.696				
8/16/2016 10:30:00 PM	520200.000	146.487	21.108	338.234	
640.065	691.472	0.340	470.201	1562.342	
0.998	14.689				
8/16/2016 10:45:00 PM	521100.000	146.486	21.108	338.230	
639.073	690.390	0.340	469.465	1564.765	
0.998	14.689				
8/16/2016 11:00:00 PM	522000.000	146.462	21.098	338.177	
638.793	690.230	0.340	469.357	1565.453	
0.998	14.686				

8/16/2016 11:15:00 PM	522900.000	146.482	21.108	338.222
638.902	690.217	0.340	469.347	1565.184
0.998	14.688			
8/16/2016 11:30:00 PM	523800.000	146.462	21.117	338.176
638.458	689.598	0.340	468.927	1566.274
0.998	14.685			
8/16/2016 11:45:00 PM	524700.000	146.490	21.109	338.240
637.820	689.030	0.339	468.540	1567.840
0.998	14.686			
8/17/2016 12:00:00 AM	525600.000	146.493	21.107	338.249
638.223	689.498	0.339	468.859	1566.849
0.998	14.687			
8/17/2016 12:15:00 AM	526500.000	146.491	21.111	338.243
637.842	689.019	0.339	468.533	1567.786
0.998	14.688			
8/17/2016 12:30:00 AM	527400.000	146.496	21.107	338.255
637.753	688.987	0.339	468.511	1568.006
0.998	14.686			
8/17/2016 12:45:00 AM	528300.000	146.502	21.101	338.268
639.074	690.498	0.340	469.539	1564.763
0.998	14.687			
8/17/2016 1:00:00 AM	529200.000	146.469	21.101	338.192
639.004	690.423	0.340	469.488	1564.936
0.998	14.685			
8/17/2016 1:15:00 AM	530100.000	146.506	21.105	338.279
638.933	690.288	0.340	469.396	1565.110
0.998	14.685			
8/17/2016 1:30:00 AM	531000.000	146.508	21.108	338.283
638.823	690.125	0.340	469.285	1565.378
0.998	14.683			
8/17/2016 1:45:00 AM	531900.000	146.517	21.112	338.303
638.700	689.942	0.340	469.161	1565.680
0.998	14.678			
8/17/2016 2:00:00 AM	532800.000	146.525	21.110	338.321
638.541	689.797	0.340	469.062	1566.071
0.998	14.678			
8/17/2016 2:15:00 AM	533700.000	146.533	21.111	338.341
638.155	689.366	0.339	468.769	1567.017
0.998	14.671			
8/17/2016 2:30:00 AM	534600.000	146.532	21.105	338.339
638.641	689.976	0.340	469.184	1565.824
0.998	14.678			
8/17/2016 2:45:00 AM	535500.000	146.544	21.107	338.367
638.949	690.270	0.340	469.384	1565.071
0.998	14.669			
8/17/2016 3:00:00 AM	536400.000	146.537	21.107	338.350
639.025	690.357	0.340	469.443	1564.884
0.998	14.675			
8/17/2016 3:15:00 AM	537300.000	146.535	21.102	338.345
638.936	690.329	0.340	469.424	1565.102
0.998	14.670			
8/17/2016 3:30:00 AM	538200.000	146.535	21.108	338.345
639.331	690.680	0.340	469.663	1564.136
0.998	14.671			
8/17/2016 3:45:00 AM	539100.000	146.549	21.109	338.378

639.617	690.975	0.340	469.863	1563.437
0.998	14.669			
8/17/2016 4:00:00 AM	540000.000	146.554	21.103	338.388
639.155	690.557	0.340	469.579	1564.566
0.998	14.664			
8/17/2016 4:15:00 AM	540900.000	146.521	21.103	338.313
639.344	690.762	0.340	469.718	1564.104
0.998	14.670			
8/17/2016 4:30:00 AM	541800.000	146.557	21.107	338.396
639.392	690.758	0.340	469.716	1563.985
0.998	14.672			
8/17/2016 4:45:00 AM	542700.000	146.566	21.115	338.416
639.775	691.059	0.340	469.920	1563.049
0.998	14.663			
8/17/2016 5:00:00 AM	543600.000	146.525	21.107	338.322
639.197	690.543	0.340	469.570	1564.463
0.998	14.668			
8/17/2016 5:15:00 AM	544500.000	146.560	21.109	338.401
639.163	690.477	0.340	469.524	1564.546
0.998	14.664			
8/17/2016 5:30:00 AM	545400.000	146.569	21.115	338.424
638.870	690.077	0.340	469.252	1565.264
0.998	14.669			
8/17/2016 5:45:00 AM	546300.000	146.533	21.110	338.341
637.922	689.126	0.339	468.606	1567.590
0.998	14.664			
8/17/2016 6:00:00 AM	547200.000	146.569	21.110	338.423
637.211	688.350	0.339	468.078	1569.339
0.998	14.663			
8/17/2016 6:15:00 AM	548100.000	146.531	21.103	338.335
637.243	688.496	0.339	468.177	1569.261
0.998	14.668			
8/17/2016 6:30:00 AM	549000.000	146.570	21.099	338.425
637.439	688.757	0.339	468.355	1568.776
0.998	14.671			
8/17/2016 6:45:00 AM	549900.000	146.566	21.100	338.417
637.603	688.927	0.339	468.471	1568.374
0.998	14.672			
8/17/2016 7:00:00 AM	550800.000	146.557	21.106	338.396
638.761	690.083	0.340	469.256	1565.531
0.998	14.675			
8/17/2016 7:15:00 AM	551700.000	146.550	21.109	338.380
638.513	689.771	0.340	469.044	1566.140
0.998	14.674			
8/17/2016 7:30:00 AM	552600.000	146.542	21.106	338.360
638.377	689.675	0.340	468.979	1566.474
0.998	14.683			
8/17/2016 7:45:00 AM	553500.000	146.524	21.114	338.320
638.028	689.185	0.339	468.646	1567.329
0.998	14.681			
8/17/2016 8:00:00 AM	554400.000	146.529	21.110	338.331
637.286	688.433	0.339	468.134	1569.155
0.998	14.681			
8/17/2016 8:15:00 AM	555300.000	146.505	21.104	338.276
637.375	688.623	0.339	468.264	1568.934

0.998	14.686				
8/17/2016 8:30:00 AM	556200.000	146.488	21.099	338.237	
637.672	689.006	0.339	468.524	1568.204	
0.998	14.686				
8/17/2016 8:45:00 AM	557100.000	146.437	21.095	338.119	
637.680	689.081	0.339	468.575	1568.185	
0.998	14.684				
8/17/2016 9:00:00 AM	558000.000	146.469	21.097	338.193	
638.393	689.813	0.340	469.073	1566.433	
0.998	14.686				
8/17/2016 9:15:00 AM	558900.000	146.449	21.099	338.146	
638.989	690.426	0.340	469.489	1564.973	
0.998	14.681				
8/17/2016 9:30:00 AM	559800.000	146.439	21.107	338.123	
639.378	690.734	0.340	469.699	1564.021	
0.998	14.684				
8/17/2016 9:45:00 AM	560700.000	146.412	21.113	338.060	
639.841	691.148	0.340	469.980	1562.887	
0.998	14.686				
8/17/2016 10:00:00 AM	561600.000	146.383	21.107	337.995	
639.389	690.756	0.340	469.714	1563.992	
0.998	14.684				
8/17/2016 10:15:00 AM	562500.000	146.360	21.107	337.940	
639.644	691.026	0.340	469.898	1563.370	
0.998	14.684				
8/17/2016 10:30:00 AM	563400.000	146.294	21.103	337.787	
639.864	691.326	0.340	470.102	1562.832	
0.998	14.687				
8/17/2016 10:45:00 AM	564300.000	146.299	21.095	337.799	
640.718	692.355	0.341	470.802	1560.749	
0.998	14.684				
8/17/2016 11:00:00 AM	565200.000	146.305	21.103	337.815	
640.849	692.393	0.341	470.827	1560.429	
0.998	14.685				
8/17/2016 11:15:00 AM	566100.000	146.297	21.097	337.795	
640.824	692.447	0.341	470.864	1560.490	
0.998	14.682				
8/17/2016 11:30:00 AM	567000.000	146.232	21.095	337.644	
641.923	693.664	0.342	471.692	1557.819	
0.998	14.683				
8/17/2016 11:45:00 AM	567900.000	146.212	21.106	337.599	
641.724	693.283	0.341	471.432	1558.302	
0.998	14.680				
8/17/2016 12:00:00 PM	568800.000	146.232	21.104	337.646	
641.919	693.531	0.342	471.601	1557.828	
0.998	14.677				
8/17/2016 12:15:00 PM	569700.000	146.225	21.095	337.628	
641.989	693.735	0.342	471.740	1557.658	
0.998	14.679				
8/17/2016 12:30:00 PM	570600.000	146.176	21.089	337.516	
641.860	693.681	0.342	471.703	1557.973	
0.998	14.693				
8/17/2016 12:45:00 PM	571500.000	146.170	21.089	337.502	
642.482	694.354	0.342	472.161	1556.464	
0.998	14.683				

8/17/2016 1:00:00 PM	572400.000	146.162	21.098	337.483
643.441	695.263	0.342	472.779	1554.143
0.998	14.676			
8/17/2016 1:15:00 PM	573300.000	146.193	21.104	337.556
643.739	695.488	0.343	472.932	1553.424
0.998	14.679			
8/17/2016 1:30:00 PM	574200.000	146.192	21.103	337.553
643.574	695.332	0.342	472.826	1553.824
0.998	14.669			
8/17/2016 1:45:00 PM	575100.000	146.198	21.109	337.567
643.211	694.857	0.342	472.503	1554.700
0.998	14.673			
8/17/2016 2:00:00 PM	576000.000	146.199	21.103	337.569
643.072	694.782	0.342	472.452	1555.037
0.998	14.668			
8/17/2016 2:15:00 PM	576900.000	146.159	21.101	337.477
643.745	695.537	0.343	472.965	1553.410
0.998	14.675			
8/17/2016 2:30:00 PM	577800.000	146.159	21.088	337.477
644.338	696.366	0.343	473.529	1551.980
0.998	14.680			
8/17/2016 2:45:00 PM	578700.000	146.183	21.102	337.531
645.059	696.942	0.343	473.920	1550.246
0.998	14.674			
8/17/2016 3:00:00 PM	579600.000	146.187	21.109	337.542
645.809	697.654	0.344	474.405	1548.445
0.998	14.671			
8/17/2016 3:15:00 PM	580500.000	146.141	21.102	337.435
644.098	695.903	0.343	473.214	1552.560
0.998	14.671			
8/17/2016 3:30:00 PM	581400.000	146.172	21.103	337.507
645.581	697.492	0.344	474.295	1548.992
0.998	14.668			
8/17/2016 3:45:00 PM	582300.000	146.164	21.094	337.488
644.573	696.534	0.343	473.643	1551.416
0.998	14.669			
8/17/2016 4:00:00 PM	583200.000	146.155	21.096	337.468
644.768	696.720	0.343	473.770	1550.946
0.998	14.668			
8/17/2016 4:15:00 PM	584100.000	146.157	21.106	337.471
645.469	697.332	0.343	474.185	1549.262
0.998	14.659			
8/17/2016 4:30:00 PM	585000.000	146.133	21.107	337.416
645.221	697.048	0.343	473.992	1549.857
0.998	14.662			
8/17/2016 4:45:00 PM	585900.000	146.131	21.104	337.412
644.083	695.860	0.343	473.185	1552.595
0.998	14.660			
8/17/2016 5:00:00 PM	586800.000	146.118	21.108	337.382
644.250	695.990	0.343	473.273	1552.192
0.998	14.661			
8/17/2016 5:15:00 PM	587700.000	146.080	21.096	337.293
643.711	695.582	0.343	472.996	1553.492
0.998	14.657			
8/17/2016 5:30:00 PM	588600.000	146.066	21.110	337.263

645.260	697.050	0.343	473.994	1549.764
0.998	14.660			
8/17/2016 5:45:00 PM	589500.000	146.090	21.102	337.317
644.742	696.608	0.343	473.693	1551.009
0.998	14.661			
8/17/2016 6:00:00 PM	590400.000	146.079	21.108	337.293
645.105	696.907	0.343	473.897	1550.135
0.998	14.657			
8/17/2016 6:15:00 PM	591300.000	146.079	21.104	337.291
645.025	696.886	0.343	473.882	1550.328
0.998	14.653			
8/17/2016 6:30:00 PM	592200.000	146.049	21.107	337.224
645.352	697.190	0.343	474.089	1549.543
0.998	14.655			
8/17/2016 6:45:00 PM	593100.000	146.009	21.110	337.131
645.312	697.099	0.343	474.028	1549.638
0.998	14.660			
8/17/2016 7:00:00 PM	594000.000	146.035	21.104	337.189
644.947	696.794	0.343	473.820	1550.514
0.998	14.656			
8/17/2016 7:15:00 PM	594900.000	146.005	21.102	337.121
644.822	696.688	0.343	473.748	1550.816
0.998	14.651			
8/17/2016 7:30:00 PM	595800.000	146.013	21.100	337.140
645.326	697.260	0.343	474.137	1549.605
0.998	14.654			
8/17/2016 7:45:00 PM	596700.000	146.011	21.102	337.135
645.402	697.317	0.343	474.176	1549.422
0.998	14.654			
8/17/2016 8:00:00 PM	597600.000	145.999	21.100	337.107
645.920	697.908	0.344	474.577	1548.179
0.998	14.657			
8/17/2016 8:15:00 PM	598500.000	145.952	21.099	337.000
645.728	697.720	0.344	474.450	1548.639
0.998	14.659			
8/17/2016 8:30:00 PM	599400.000	145.991	21.104	337.088
645.768	697.690	0.344	474.429	1548.543
0.998	14.664			
8/17/2016 8:45:00 PM	600300.000	145.986	21.103	337.077
645.551	697.460	0.344	474.273	1549.065
0.998	14.666			
8/17/2016 9:00:00 PM	601200.000	145.991	21.105	337.088
646.014	697.941	0.344	474.600	1547.954
0.998	14.667			
8/17/2016 9:15:00 PM	602100.000	145.996	21.099	337.101
645.965	697.965	0.344	474.616	1548.071
0.998	14.663			
8/17/2016 9:30:00 PM	603000.000	145.965	21.092	337.029
646.040	698.150	0.344	474.742	1547.892
0.998	14.667			
8/17/2016 9:45:00 PM	603900.000	145.973	21.099	337.046
646.980	699.069	0.344	475.367	1545.644
0.998	14.668			
8/17/2016 10:00:00 PM	604800.000	146.015	21.094	337.145
646.744	698.883	0.344	475.241	1546.208

0.998	14.668				
8/17/2016 10:15:00 PM	605700.000	146.022	21.093	337.160	
647.039	699.214	0.344	475.465	1545.502	
0.998	14.659				
8/17/2016 10:30:00 PM	606600.000	145.970	21.100	337.040	
648.208	700.376	0.345	476.256	1542.714	
0.998	14.662				
8/17/2016 10:45:00 PM	607500.000	146.002	21.097	337.114	
647.995	700.196	0.345	476.133	1543.223	
0.998	14.669				
8/17/2016 11:00:00 PM	608400.000	145.967	21.103	337.033	
647.694	699.777	0.345	475.849	1543.939	
0.998	14.665				
8/17/2016 11:15:00 PM	609300.000	145.998	21.106	337.105	
647.532	699.567	0.345	475.706	1544.326	
0.998	14.666				
8/17/2016 11:30:00 PM	610200.000	145.970	21.104	337.039	
647.024	699.039	0.344	475.347	1545.538	
0.998	14.663				
8/17/2016 11:45:00 PM	611100.000	146.008	21.105	337.127	
646.880	698.867	0.344	475.229	1545.881	
0.998	14.668				

Report Date: 8/19/2016 12:30:21 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9M_2016-08-18_15-19-20-273.wsl
Create Date: 8/18/2016 3:18:54 PM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/17/2015 1:21:04 PM	Used Battery: 1% Used Memory: 1% User Name: CShaw
7/17/2015 1:21:34 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:25:28 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:25:28 PM	Device Taken Offline
7/17/2015 1:25:35 PM	Sensor Disabled: 1
7/17/2015 1:26:04 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:26:38 PM	Device Put Online
7/17/2015 1:26:38 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:29:36 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:31:15 PM	Device Taken Offline
7/17/2015 1:32:19 PM	Device Put Online
7/17/2015 1:32:20 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:33:21 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:33:27 PM	Device Taken Offline
7/17/2015 1:34:34 PM	Device Put Online
7/17/2015 1:34:35 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:35:49 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:35:55 PM	Device Taken Offline
7/17/2015 1:37:59 PM	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

1/14/2016 12:39:45 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 12:45:00 PM

1/21/2016 8:44:06 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/12/2016 12:00:00 PM Stop Time: 1/21/2016 10:00:00 AM

1/28/2016 8:58:07 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 8:45:00 AM

2/4/2016 10:01:19 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM

2/11/2016 9:50:23 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM

2/18/2016 11:40:59 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:45:00 AM

2/25/2016 11:28:41 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:15:00 AM

3/3/2016 12:36:53 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM

3/10/2016 2:26:27 PM Log Download - Used Battery: 14% Used Memory: 28% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM

3/17/2016 11:06:11 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 12:00:00 PM

3/24/2016 8:39:55 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval - Start

Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM
 3/31/2016 2:50:45 PM Log Download - Used Battery: 15% Used Memory: 31% User Name: SKuiper Interval - Start
 Time: 3/22/2016 12:00:00 PM Stop Time: 3/31/2016 3:45:00 PM
 4/7/2016 9:13:35 AM Log Download - Used Battery: 15% Used Memory: 31% User Name: KMakar Interval - Start
 Time: 2/29/2016 5:00:00 PM Stop Time: 4/7/2016 9:00:00 AM
 4/14/2016 3:48:12 PM Log Download - Used Battery: 16% Used Memory: 32% User Name: SKuiper Interval - Start
 Time: 4/5/2016 12:00:00 PM Stop Time: 4/14/2016 3:45:00 PM
 4/21/2016 1:55:13 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: ELinden Interval - Start
 Time: 4/12/2016 1:30:00 PM Stop Time: 4/21/2016 2:45:00 PM
 4/28/2016 9:27:16 AM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start
 Time: 4/19/2016 5:00:00 PM Stop Time: 4/28/2016 9:15:00 AM
 5/5/2016 9:09:18 AM Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start
 Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 9:00:00 AM
 5/12/2016 9:54:47 AM Log Download - Used Battery: 17% Used Memory: 35% User Name: SKuiper Interval - Start
 Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 9:45:00 AM
 5/19/2016 1:30:30 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: ELinden Interval - Start
 Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 2:30:00 PM
 5/26/2016 8:53:27 AM Log Download - Used Battery: 18% Used Memory: 37% User Name: SKuiper Interval - Start
 Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 9:45:00 AM
 6/2/2016 11:19:42 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: SKuiper Interval - Start
 Time: 4/30/2016 10:00:00 PM Stop Time: 6/2/2016 11:15:00 AM
 6/9/2016 9:23:25 AM Log Download - Used Battery: 18% Used Memory: 39% User Name: CShaw Interval - Start
 Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 10:15:00 AM
 6/16/2016 10:57:32 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval -
 Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 11:45:00 AM
 6/23/2016 9:50:49 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: SKuiper Interval - Start
 Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
 7/1/2016 11:23:48 AM Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper Interval - Start
 Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
 7/8/2016 11:37:46 AM Log Download - Used Battery: 20% Used Memory: 42% User Name: SKuiper Interval - Start
 Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
 7/14/2016 5:33:50 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: ELinden Interval - Start
 Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:30:00 PM
 7/21/2016 10:07:47 AM Log Download - Used Battery: 21% Used Memory: 43% User Name: SKuiper Interval -
 Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 10:00:00 AM
 7/28/2016 5:59:10 PM Log Download - Used Battery: 21% Used Memory: 45% User Name: SKuiper Interval - Start
 Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 5:45:00 PM

Log Data:

Record Count: 742

Sensors: 1

1 - 410760: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)	Salinity (PSU)		
410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760

Resistivity (ohm-cm)	Water Density (g/cm3)			
8/11/2016 12:00:00 AM 37892.602 1.021	7200.000 44937.020	67.735 30557.174	16.793 29.209	152.580 26.390
8/11/2016 12:15:00 AM 37878.063 1.021	8100.000 44920.770	67.730 30546.125	16.792 29.197	152.569 26.401
8/11/2016 12:30:00 AM 37863.520 1.021	9000.000 44904.145	67.727 30534.820	16.791 29.185	152.562 26.411
8/11/2016 12:45:00 AM 37868.613 1.021	9900.000 44911.164	67.722 30539.592	16.790 29.190	152.551 26.407
8/11/2016 1:00:00 AM 37859.645 1.021	10800.000 44893.832	67.719 30527.807	16.797 29.178	152.545 26.413
8/11/2016 1:15:00 AM 37880.121 1.021	11700.000 44921.766	67.729 30546.803	16.793 29.198	152.565 26.399
8/11/2016 1:30:00 AM 37843.691 1.021	12600.000 44878.227	67.713 30517.197	16.793 29.166	152.531 26.424
8/11/2016 1:45:00 AM 37867.125 1.021	13500.000 44911.379	67.713 30539.740	16.788 29.190	152.529 26.408
8/11/2016 2:00:00 AM 37886.840 1.021	14400.000 44917.426	67.707 30543.852	16.805 29.195	152.518 26.394
8/11/2016 2:15:00 AM 37870.164 1.021	15300.000 44904.613	67.704 30535.139	16.798 29.186	152.511 26.406
8/11/2016 2:30:00 AM 37889.188 1.021	16200.000 44937.711	67.700 30557.646	16.788 29.209	152.502 26.393
8/11/2016 2:45:00 AM 37869.844 1.021	17100.000 44905.664	67.703 30535.852	16.797 29.186	152.508 26.406
8/11/2016 3:00:00 AM 37870.316 1.021	18000.000 44908.457	67.712 30537.754	16.795 29.188	152.528 26.406
8/11/2016 3:15:00 AM 37893.906 1.021	18900.000 44934.551	67.692 30555.496	16.797 29.207	152.482 26.389
8/11/2016 3:30:00 AM 37863.301 1.021	19800.000 44905.051	67.697 30535.438	16.790 29.186	152.494 26.411
8/11/2016 3:45:00 AM 37861.188 1.021	20700.000 44901.746	67.693 30533.189	16.791 29.183	152.486 26.412
8/11/2016 4:00:00 AM 37869.215 1.021	21600.000 44906.172	67.690 30536.199	16.796 29.187	152.477 26.407

8/11/2016 4:15:00 AM 37871.363 1.021	22500.000 44911.758	67.691 30539.998	16.793 29.191	152.480 26.405
8/11/2016 4:30:00 AM 37849.633 1.021	23400.000 44884.109	67.707 30521.197	16.794 29.171	152.516 26.420
8/11/2016 4:45:00 AM 37876.809 1.021	24300.000 44910.707	67.686 30539.281	16.800 29.190	152.469 26.401
8/11/2016 5:00:00 AM 37873.031 1.021	25200.000 44906.934	67.692 30536.717	16.799 29.187	152.482 26.404
8/11/2016 5:15:00 AM 37877.469 1.021	26100.000 44920.594	67.687 30546.006	16.791 29.197	152.472 26.401
8/11/2016 5:30:00 AM 37866.879 1.021	27000.000 44906.438	67.690 30536.379	16.793 29.187	152.478 26.408
8/11/2016 5:45:00 AM 37883.250 1.021	27900.000 44914.324	67.687 30541.742	16.804 29.193	152.472 26.397
8/11/2016 6:00:00 AM 37824.941 1.021	28800.000 44864.195	67.689 30507.654	16.785 29.156	152.476 26.438
8/11/2016 6:15:00 AM 37858.727 1.021	29700.000 44898.016	67.693 30530.650	16.791 29.181	152.485 26.414
8/11/2016 6:30:00 AM 37872.441 1.021	30600.000 44911.953	67.706 30540.131	16.794 29.191	152.513 26.404
8/11/2016 6:45:00 AM 37868.359 1.021	31500.000 44905.789	67.701 30535.938	16.795 29.186	152.503 26.407
8/11/2016 7:00:00 AM 37889.762 1.021	32400.000 44932.043	67.706 30553.791	16.794 29.205	152.513 26.392
8/11/2016 7:15:00 AM 37881.023 1.021	33300.000 44919.371	67.704 30545.174	16.796 29.196	152.510 26.398
8/11/2016 7:30:00 AM 37866.746 1.021	34200.000 44910.473	67.688 30539.121	16.789 29.189	152.474 26.408
8/11/2016 7:45:00 AM 37865.645 1.021	35100.000 44910.047	67.691 30538.834	16.788 29.189	152.480 26.409
8/11/2016 8:00:00 AM 37890.586 1.021	36000.000 44936.516	67.689 30556.832	16.791 29.208	152.475 26.392
8/11/2016 8:15:00 AM 37857.336 1.021	36900.000 44906.008	67.690 30536.088	16.782 29.186	152.478 26.415
8/11/2016 8:30:00 AM 37864.637 1.021	37800.000 44911.539	67.689 30539.848	16.785 29.190	152.476 26.410
8/11/2016 8:45:00 AM	38700.000	67.693	16.791	152.486

37856.328	44895.258	30528.775	29.179	26.416
1.021				
8/11/2016 9:00:00 AM	39600.000	67.692	16.792	152.483
37871.332	44912.789	30540.699	29.191	26.405
1.021				
8/11/2016 9:15:00 AM	40500.000	67.694	16.793	152.488
37853.102	44889.555	30524.900	29.175	26.418
1.021				
8/11/2016 9:30:00 AM	41400.000	67.704	16.794	152.509
37872.598	44911.969	30540.141	29.191	26.404
1.021				
8/11/2016 9:45:00 AM	42300.000	67.693	16.787	152.485
37899.793	44951.461	30566.996	29.219	26.385
1.021				
8/11/2016 10:00:00 AM	43200.000	67.688	16.783	152.474
37876.840	44928.516	30551.391	29.202	26.401
1.021				
8/11/2016 10:15:00 AM	44100.000	67.693	16.794	152.484
37840.824	44873.840	30514.211	29.163	26.426
1.021				
8/11/2016 10:30:00 AM	45000.000	67.688	16.791	152.474
37844.703	44881.648	30519.523	29.169	26.424
1.021				
8/11/2016 10:45:00 AM	45900.000	67.691	16.792	152.481
37873.387	44914.961	30542.176	29.193	26.404
1.021				
8/11/2016 11:00:00 AM	46800.000	67.708	16.790	152.518
37894.094	44941.750	30560.393	29.212	26.389
1.021				
8/11/2016 11:15:00 AM	47700.000	67.688	16.793	152.474
37822.289	44853.184	30500.168	29.148	26.439
1.021				
8/11/2016 11:30:00 AM	48600.000	67.686	16.799	152.469
37923.395	44966.840	30577.451	29.231	26.369
1.021				
8/11/2016 11:45:00 AM	49500.000	67.684	16.798	152.466
37867.914	44901.859	30533.268	29.184	26.408
1.021				
8/11/2016 12:00:00 PM	50400.000	67.688	16.802	152.473
37874.836	44906.137	30536.174	29.187	26.403
1.021				
8/11/2016 12:15:00 PM	51300.000	67.687	16.796	152.472
37866.746	44902.523	30533.719	29.184	26.408
1.021				
8/11/2016 12:30:00 PM	52200.000	67.701	16.795	152.503
37875.719	44914.676	30541.982	29.193	26.402
1.021				
8/11/2016 12:45:00 PM	53100.000	67.700	16.803	152.501
37908.859	44946.031	30563.303	29.216	26.379
1.021				
8/11/2016 1:00:00 PM	54000.000	67.685	16.791	152.467
37874.773	44917.211	30543.705	29.194	26.403
1.021				
8/11/2016 1:15:00 PM	54900.000	67.682	16.791	152.461
37852.695	44891.215	30526.029	29.176	26.418

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8/11/2016 1:30:00 PM	55800.000	67.689	16.794	152.475
37856.988	44893.008	30527.248	29.177	26.415
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8/11/2016 1:45:00 PM	56700.000	67.684	16.795	152.466
37864.000	44900.340	30532.232	29.182	26.410
1.021				
8/11/2016 2:00:00 PM	57600.000	67.687	16.799	152.472
37860.555	44892.141	30526.656	29.177	26.413
1.021				
8/11/2016 2:15:00 PM	58500.000	67.685	16.792	152.466
37869.848	44910.313	30539.016	29.189	26.406
1.021				
8/11/2016 2:30:00 PM	59400.000	67.685	16.791	152.467
37881.699	44925.797	30549.545	29.201	26.398
1.021				
8/11/2016 2:45:00 PM	60300.000	67.687	16.788	152.471
37882.359	44929.445	30552.025	29.203	26.398
1.021				
8/11/2016 3:00:00 PM	61200.000	67.683	16.793	152.464
37869.148	44908.855	30538.023	29.188	26.407
1.021				
8/11/2016 3:15:00 PM	62100.000	67.706	16.794	152.513
37912.129	44959.199	30572.258	29.225	26.377
1.021				
8/11/2016 3:30:00 PM	63000.000	67.688	16.792	152.474
37854.367	44892.305	30526.770	29.176	26.417
1.021				
8/11/2016 3:45:00 PM	63900.000	67.687	16.789	152.472
37870.984	44915.402	30542.477	29.193	26.405
1.021				
8/11/2016 4:00:00 PM	64800.000	67.690	16.789	152.479
37846.883	44886.641	30522.916	29.172	26.422
1.021				
8/11/2016 4:15:00 PM	65700.000	67.699	16.795	152.498
37896.242	44939.105	30558.594	29.210	26.388
1.021				
8/11/2016 4:30:00 PM	66600.000	67.696	16.786	152.493
37856.137	44900.207	30532.143	29.182	26.416
1.021				
8/11/2016 4:45:00 PM	67500.000	67.697	16.794	152.494
37880.410	44921.406	30546.559	29.198	26.399
1.021				
8/11/2016 5:00:00 PM	68400.000	67.702	16.793	152.506
37887.141	44930.090	30552.461	29.204	26.394
1.021				
8/11/2016 5:15:00 PM	69300.000	67.705	16.788	152.512
37882.930	44929.938	30552.359	29.203	26.397
1.021				
8/11/2016 5:30:00 PM	70200.000	67.705	16.786	152.511
37872.809	44919.980	30545.590	29.196	26.404
1.021				
8/11/2016 5:45:00 PM	71100.000	67.701	16.797	152.504
37900.320	44941.172	30560.000	29.212	26.385
1.021				

8/11/2016 6:00:00 PM 37837.508 1.021	72000.000 44879.277	67.709 30517.910	16.785 29.167	152.520 26.429
8/11/2016 6:15:00 PM 37879.355 1.021	72900.000 44921.852	67.711 30546.861	16.792 29.198	152.525 26.400
8/11/2016 6:30:00 PM 37874.906 1.021	73800.000 44920.055	67.713 30545.639	16.789 29.196	152.531 26.403
8/11/2016 6:45:00 PM 37866.625 1.021	74700.000 44909.172	67.713 30538.238	16.790 29.188	152.531 26.408
8/11/2016 7:00:00 PM 37857.211 1.021	75600.000 44908.629	67.715 30537.869	16.779 29.187	152.535 26.415
8/11/2016 7:15:00 PM 37853.133 1.021	76500.000 44890.578	67.735 30525.594	16.792 29.175	152.579 26.418
8/11/2016 7:30:00 PM 37886.215 1.021	77400.000 44932.309	67.723 30553.973	16.790 29.205	152.554 26.395
8/11/2016 7:45:00 PM 37842.457 1.021	78300.000 44887.730	67.722 30523.656	16.783 29.173	152.551 26.425
8/11/2016 8:00:00 PM 37852.469 1.021	79200.000 44895.148	67.727 30528.701	16.787 29.178	152.561 26.418
8/11/2016 8:15:00 PM 37857.461 1.021	80100.000 44902.230	67.725 30533.520	16.786 29.183	152.557 26.415
8/11/2016 8:30:00 PM 37860.906 1.021	81000.000 44902.293	67.725 30533.561	16.790 29.184	152.557 26.412
8/11/2016 8:45:00 PM 37871.617 1.021	81900.000 44920.977	67.725 30546.266	16.784 29.197	152.558 26.405
8/11/2016 9:00:00 PM 37824.223 1.021	82800.000 44867.621	67.731 30509.982	16.781 29.158	152.571 26.438
8/11/2016 9:15:00 PM 37851.617 1.021	83700.000 44903.867	67.725 30534.631	16.777 29.184	152.557 26.419
8/11/2016 9:30:00 PM 37869.215 1.021	84600.000 44916.348	67.729 30543.119	16.786 29.193	152.566 26.407
8/11/2016 9:45:00 PM 37878.383 1.021	85500.000 44923.547	67.726 30548.014	16.789 29.199	152.560 26.400
8/11/2016 10:00:00 PM 37859.547 1.021	86400.000 44904.430	67.726 30535.014	16.786 29.185	152.560 26.413
8/11/2016 10:15:00 PM 37875.691 1.021	87300.000 44916.887	67.738 30543.484	16.793 29.194	152.587 26.402
8/11/2016 10:30:00 PM	88200.000	67.719	16.796	152.545

37899.762	44942.398	30560.832	29.213	26.385
1.021				
8/11/2016 10:45:00 PM	89100.000	67.722	16.788	152.551
37841.078	44880.648	30518.842	29.168	26.426
1.021				
8/11/2016 11:00:00 PM	90000.000	67.722	16.792	152.550
37841.422	44876.953	30516.328	29.165	26.426
1.021				
8/11/2016 11:15:00 PM	90900.000	67.715	16.794	152.534
37876.699	44916.656	30543.328	29.194	26.401
1.021				
8/11/2016 11:30:00 PM	91800.000	67.716	16.785	152.538
37840.254	44882.797	30520.305	29.169	26.427
1.021				
8/11/2016 11:45:00 PM	92700.000	67.712	16.790	152.528
37863.934	44905.613	30535.818	29.186	26.410
1.021				
8/12/2016 12:00:00 AM	93600.000	67.707	16.783	152.516
37857.680	44904.891	30535.328	29.185	26.415
1.021				
8/12/2016 12:15:00 AM	94500.000	67.704	16.784	152.510
37856.484	44902.496	30533.699	29.183	26.416
1.021				
8/12/2016 12:30:00 AM	95400.000	67.703	16.783	152.507
37854.055	44900.594	30532.406	29.182	26.417
1.021				
8/12/2016 12:45:00 AM	96300.000	67.697	16.783	152.495
37881.164	44933.199	30554.576	29.205	26.398
1.021				
8/12/2016 1:00:00 AM	97200.000	67.695	16.792	152.490
37875.629	44917.883	30544.160	29.195	26.402
1.021				
8/12/2016 1:15:00 AM	98100.000	67.696	16.786	152.492
37880.273	44928.836	30551.611	29.202	26.399
1.021				
8/12/2016 1:30:00 AM	99000.000	67.692	16.786	152.482
37863.023	44909.004	30538.125	29.188	26.411
1.021				
8/12/2016 1:45:00 AM	99900.000	67.683	16.788	152.464
37867.945	44912.605	30540.572	29.191	26.408
1.021				
8/12/2016 2:00:00 AM	100800.000	67.683	16.796	152.462
37871.809	44909.070	30538.170	29.189	26.405
1.021				
8/12/2016 2:15:00 AM	101700.000	67.678	16.786	152.451
37895.801	44947.703	30564.439	29.216	26.388
1.021				
8/12/2016 2:30:00 AM	102600.000	67.679	16.785	152.453
37865.301	44912.777	30540.691	29.191	26.409
1.021				
8/12/2016 2:45:00 AM	103500.000	67.667	16.794	152.427
37880.219	44921.270	30546.465	29.197	26.399
1.021				
8/12/2016 3:00:00 AM	104400.000	67.672	16.791	152.437
37862.672	44902.781	30533.893	29.184	26.411

1.021				
8/12/2016 3:15:00 AM	105300.000	67.667	16.790	152.427
37886.086	44931.527	30553.439	29.205	26.395
1.021				
8/12/2016 3:30:00 AM	106200.000	67.667	16.782	152.426
37895.898	44951.934	30567.316	29.219	26.388
1.021				
8/12/2016 3:45:00 AM	107100.000	67.663	16.790	152.417
37868.426	44910.863	30539.389	29.190	26.407
1.021				
8/12/2016 4:00:00 AM	108000.000	67.662	16.797	152.415
37880.969	44918.586	30544.639	29.196	26.398
1.021				
8/12/2016 4:15:00 AM	108900.000	67.674	16.797	152.442
37853.328	44885.449	30522.105	29.172	26.418
1.021				
8/12/2016 4:30:00 AM	109800.000	67.660	16.795	152.411
37878.574	44918.250	30544.410	29.195	26.400
1.021				
8/12/2016 4:45:00 AM	110700.000	67.659	16.787	152.408
37858.031	44901.570	30533.070	29.183	26.414
1.021				
8/12/2016 5:00:00 AM	111600.000	67.658	16.784	152.406
37889.512	44942.301	30560.766	29.212	26.393
1.021				
8/12/2016 5:15:00 AM	112500.000	67.655	16.792	152.400
37844.105	44880.586	30518.801	29.168	26.424
1.021				
8/12/2016 5:30:00 AM	113400.000	67.657	16.789	152.403
37876.547	44921.473	30546.602	29.197	26.402
1.021				
8/12/2016 5:45:00 AM	114300.000	67.654	16.785	152.396
37870.066	44917.719	30544.051	29.194	26.406
1.021				
8/12/2016 6:00:00 AM	115200.000	67.651	16.793	152.391
37859.703	44897.305	30530.168	29.180	26.413
1.021				
8/12/2016 6:15:00 AM	116100.000	67.653	16.790	152.394
37865.488	44907.379	30537.020	29.187	26.409
1.021				
8/12/2016 6:30:00 AM	117000.000	67.659	16.792	152.408
37863.117	44903.133	30534.133	29.184	26.411
1.021				
8/12/2016 6:45:00 AM	117900.000	67.655	16.797	152.400
37867.223	44902.555	30533.738	29.184	26.408
1.021				
8/12/2016 7:00:00 AM	118800.000	67.655	16.787	152.399
37887.551	44936.840	30557.053	29.208	26.394
1.021				
8/12/2016 7:15:00 AM	119700.000	67.659	16.789	152.409
37850.609	44890.797	30525.744	29.175	26.420
1.021				
8/12/2016 7:30:00 AM	120600.000	67.658	16.787	152.406
37845.652	44887.145	30523.260	29.172	26.423
1.021				

8/12/2016 7:45:00 AM 37879.969 1.021	121500.000 44925.879	67.660 30549.600	16.789 29.200	152.412 26.399
8/12/2016 8:00:00 AM 37864.160 1.021	122400.000 44902.313	67.673 30533.572	16.794 29.184	152.441 26.410
8/12/2016 8:15:00 AM 37865.648 1.021	123300.000 44916.223	67.662 30543.033	16.782 29.193	152.416 26.409
8/12/2016 8:30:00 AM 37850.070 1.021	124200.000 44887.574	67.666 30523.553	16.792 29.173	152.423 26.420
8/12/2016 8:45:00 AM 37873.039 1.021	125100.000 44921.336	67.667 30546.508	16.785 29.197	152.427 26.404
8/12/2016 9:00:00 AM 37860.938 1.021	126000.000 44902.781	67.664 30533.893	16.789 29.184	152.421 26.412
8/12/2016 9:15:00 AM 37853.516 1.021	126900.000 44891.574	67.667 30526.273	16.792 29.176	152.427 26.418
8/12/2016 9:30:00 AM 37859.645 1.021	127800.000 44892.141	67.669 30526.656	16.798 29.177	152.431 26.413
8/12/2016 9:45:00 AM 37846.508 1.021	128700.000 44881.480	67.666 30519.408	16.793 29.169	152.423 26.423
8/12/2016 10:00:00 AM 37858.945 1.021	129600.000 44907.551	67.671 30537.137	16.782 29.187	152.435 26.414
8/12/2016 10:15:00 AM 37880.441 1.021	130500.000 44930.465	67.668 30552.719	16.785 29.204	152.429 26.399
8/12/2016 10:30:00 AM 37880.949 1.021	131400.000 44921.871	67.674 30546.875	16.794 29.198	152.442 26.398
8/12/2016 10:45:00 AM 37875.988 1.021	132300.000 44923.844	67.676 30548.217	16.786 29.199	152.446 26.402
8/12/2016 11:00:00 AM 37876.133 1.021	133200.000 44916.789	67.674 30543.416	16.793 29.194	152.442 26.402
8/12/2016 11:15:00 AM 37872.223 1.021	134100.000 44919.559	67.677 30545.301	16.786 29.196	152.450 26.405
8/12/2016 11:30:00 AM 37865.551 1.021	135000.000 44905.480	67.693 30535.729	16.792 29.186	152.486 26.409
8/12/2016 11:45:00 AM 37860.273 1.021	135900.000 44903.508	67.679 30534.385	16.788 29.184	152.454 26.413
8/12/2016 12:00:00 PM 37855.246 1.021	136800.000 44901.836	67.682 30533.248	16.784 29.183	152.460 26.416
8/12/2016 12:15:00 PM	137700.000	67.680	16.789	152.456

37835.871	44872.871	30513.553	29.162	26.430
1.021				
8/12/2016 12:30:00 PM	138600.000	67.687	16.778	152.471
37839.207	44888.688	30524.309	29.173	26.428
1.021				
8/12/2016 12:45:00 PM	139500.000	67.684	16.793	152.465
37865.484	44904.512	30535.070	29.185	26.409
1.021				
8/12/2016 1:00:00 PM	140400.000	67.685	16.791	152.466
37867.570	44909.219	30538.271	29.189	26.408
1.021				
8/12/2016 1:15:00 PM	141300.000	67.687	16.787	152.472
37870.258	44916.430	30543.172	29.194	26.406
1.021				
8/12/2016 1:30:00 PM	142200.000	67.688	16.787	152.473
37870.953	44917.152	30543.664	29.194	26.405
1.021				
8/12/2016 1:45:00 PM	143100.000	67.690	16.797	152.477
37856.859	44890.527	30525.561	29.175	26.415
1.021				
8/12/2016 2:00:00 PM	144000.000	67.687	16.802	152.472
37871.547	44902.863	30533.949	29.185	26.405
1.021				
8/12/2016 2:15:00 PM	144900.000	67.689	16.794	152.475
37892.133	44934.781	30555.654	29.207	26.391
1.021				
8/12/2016 2:30:00 PM	145800.000	67.688	16.791	152.474
37866.941	44908.203	30537.580	29.188	26.408
1.021				
8/12/2016 2:45:00 PM	146700.000	67.692	16.787	152.483
37879.871	44927.652	30550.807	29.202	26.399
1.021				
8/12/2016 3:00:00 PM	147600.000	67.687	16.799	152.472
37858.090	44889.141	30524.617	29.175	26.414
1.021				
8/12/2016 3:15:00 PM	148500.000	67.696	16.797	152.491
37895.270	44935.461	30556.113	29.208	26.389
1.021				
8/12/2016 3:30:00 PM	149400.000	67.698	16.798	152.496
37888.660	44926.910	30550.301	29.202	26.393
1.021				
8/12/2016 3:45:00 PM	150300.000	67.715	16.799	152.535
37888.531	44925.141	30549.098	29.201	26.393
1.021				
8/12/2016 4:00:00 PM	151200.000	67.699	16.794	152.499
37868.805	44907.820	30537.318	29.188	26.407
1.021				
8/12/2016 4:15:00 PM	152100.000	67.714	16.789	152.533
37870.199	44914.031	30541.543	29.192	26.406
1.021				
8/12/2016 4:30:00 PM	153000.000	67.704	16.786	152.510
37868.805	44915.504	30542.545	29.193	26.407
1.021				
8/12/2016 4:45:00 PM	153900.000	67.703	16.788	152.508
37878.672	44925.328	30549.225	29.200	26.400

1.021				
8/12/2016 5:00:00 PM	154800.000	67.709	16.784	152.521
37887.578	44939.297	30558.723	29.210	26.394
1.021				
8/12/2016 5:15:00 PM	155700.000	67.714	16.787	152.533
37871.582	44917.898	30544.174	29.195	26.405
1.021				
8/12/2016 5:30:00 PM	156600.000	67.716	16.785	152.538
37851.684	44896.441	30529.582	29.179	26.419
1.021				
8/12/2016 5:45:00 PM	157500.000	67.715	16.796	152.534
37873.887	44911.262	30539.660	29.190	26.403
1.021				
8/12/2016 6:00:00 PM	158400.000	67.723	16.794	152.553
37889.914	44932.582	30554.158	29.206	26.392
1.021				
8/12/2016 6:15:00 PM	159300.000	67.723	16.789	152.553
37860.211	44901.734	30533.180	29.183	26.413
1.021				
8/12/2016 6:30:00 PM	160200.000	67.729	16.783	152.565
37863.152	44911.566	30539.867	29.190	26.411
1.021				
8/12/2016 6:45:00 PM	161100.000	67.733	16.792	152.576
37874.652	44916.359	30543.127	29.194	26.403
1.021				
8/12/2016 7:00:00 PM	162000.000	67.733	16.788	152.576
37860.211	44903.074	30534.092	29.184	26.413
1.021				
8/12/2016 7:15:00 PM	162900.000	67.739	16.794	152.590
37848.148	44882.621	30520.186	29.170	26.421
1.021				
8/12/2016 7:30:00 PM	163800.000	67.745	16.792	152.602
37881.191	44923.664	30548.094	29.199	26.398
1.021				
8/12/2016 7:45:00 PM	164700.000	67.743	16.786	152.599
37854.430	44898.813	30531.195	29.181	26.417
1.021				
8/12/2016 8:00:00 PM	165600.000	67.748	16.796	152.609
37863.336	44898.395	30530.910	29.181	26.411
1.021				
8/12/2016 8:15:00 PM	166500.000	67.750	16.794	152.614
37870.984	44909.879	30538.721	29.189	26.405
1.021				
8/12/2016 8:30:00 PM	167400.000	67.758	16.781	152.632
37853.516	44902.367	30533.611	29.183	26.418
1.021				
8/12/2016 8:45:00 PM	168300.000	67.749	16.791	152.611
37865.582	44906.590	30536.482	29.187	26.409
1.021				
8/12/2016 9:00:00 PM	169200.000	67.755	16.792	152.625
37858.664	44896.949	30529.926	29.180	26.414
1.021				
8/12/2016 9:15:00 PM	170100.000	67.759	16.788	152.634
37866.207	44910.816	30539.355	29.190	26.409
1.021				

8/12/2016 9:30:00 PM 37885.727 1.021	171000.000 44930.301	67.758 30552.607	16.791 29.204	152.631 26.395
8/12/2016 9:45:00 PM 37882.273 1.021	171900.000 44928.164	67.759 30551.152	16.789 29.202	152.634 26.398
8/12/2016 10:00:00 PM 37889.695 1.021	172800.000 44929.203	67.760 30551.861	16.797 29.203	152.637 26.392
8/12/2016 10:15:00 PM 37880.941 1.021	173700.000 44924.098	67.762 30548.387	16.792 29.199	152.642 26.398
8/12/2016 10:30:00 PM 37863.492 1.021	174600.000 44904.828	67.763 30535.283	16.790 29.185	152.643 26.411
8/12/2016 10:45:00 PM 37886.234 1.021	175500.000 44923.762	67.760 30548.160	16.798 29.199	152.637 26.395
8/12/2016 11:00:00 PM 37852.098 1.021	176400.000 44896.930	67.763 30529.912	16.785 29.179	152.644 26.419
8/12/2016 11:15:00 PM 37851.777 1.021	177300.000 44899.598	67.762 30531.729	16.782 29.181	152.642 26.419
8/12/2016 11:30:00 PM 37872.758 1.021	178200.000 44918.059	67.755 30544.281	16.788 29.195	152.624 26.404
8/12/2016 11:45:00 PM 37875.004 1.021	179100.000 44906.434	67.753 30536.377	16.802 29.187	152.620 26.403
8/13/2016 12:00:00 AM 37861.848 1.021	180000.000 44896.445	67.751 30529.584	16.797 29.180	152.616 26.412
8/13/2016 12:15:00 AM 37869.332 1.021	180900.000 44909.703	67.750 30538.600	16.792 29.189	152.614 26.407
8/13/2016 12:30:00 AM 37873.039 1.021	181800.000 44909.809	67.747 30538.672	16.797 29.189	152.606 26.404
8/13/2016 12:45:00 AM 37864.633 1.021	182700.000 44911.184	67.750 30539.605	16.785 29.190	152.613 26.410
8/13/2016 1:00:00 AM 37859.453 1.021	183600.000 44907.625	67.739 30537.188	16.783 29.187	152.590 26.413
8/13/2016 1:15:00 AM 37850.422 1.021	184500.000 44905.840	67.740 30535.973	16.774 29.185	152.591 26.420
8/13/2016 1:30:00 AM 37860.879 1.021	185400.000 44903.785	67.736 30534.576	16.788 29.185	152.581 26.412
8/13/2016 1:45:00 AM 37856.359 1.021	186300.000 44900.207	67.733 30532.143	16.786 29.182	152.574 26.416
8/13/2016 2:00:00 AM	187200.000	67.730	16.777	152.569

37843.535	44894.277	30528.111	29.177	26.425
1.021				
8/13/2016 2:15:00 AM	188100.000	67.724	16.787	152.555
37872.977	44919.109	30544.996	29.196	26.404
1.021				
8/13/2016 2:30:00 AM	189000.000	67.720	16.784	152.546
37849.059	44894.582	30528.318	29.178	26.421
1.021				
8/13/2016 2:45:00 AM	189900.000	67.719	16.789	152.545
37862.738	44905.445	30535.703	29.186	26.411
1.021				
8/13/2016 3:00:00 AM	190800.000	67.711	16.788	152.526
37879.961	44926.602	30550.090	29.201	26.399
1.021				
8/13/2016 3:15:00 AM	191700.000	67.708	16.792	152.518
37868.773	44909.391	30538.387	29.189	26.407
1.021				
8/13/2016 3:30:00 AM	192600.000	67.703	16.789	152.508
37876.453	44921.184	30546.406	29.197	26.402
1.021				
8/13/2016 3:45:00 AM	193500.000	67.700	16.798	152.501
37869.902	44904.480	30535.047	29.186	26.406
1.021				
8/13/2016 4:00:00 AM	194400.000	67.700	16.791	152.500
37858.602	44898.762	30531.160	29.181	26.414
1.021				
8/13/2016 4:15:00 AM	195300.000	67.695	16.787	152.490
37850.891	44892.832	30527.129	29.177	26.419
1.021				
8/13/2016 4:30:00 AM	196200.000	67.696	16.792	152.493
37872.027	44913.164	30540.953	29.191	26.405
1.021				
8/13/2016 4:45:00 AM	197100.000	67.689	16.793	152.476
37888.719	44931.887	30553.684	29.205	26.393
1.021				
8/13/2016 5:00:00 AM	198000.000	67.693	16.784	152.486
37860.055	44907.262	30536.939	29.187	26.413
1.021				
8/13/2016 5:15:00 AM	198900.000	67.687	16.781	152.472
37835.445	44881.281	30519.273	29.168	26.430
1.021				
8/13/2016 5:30:00 AM	199800.000	67.684	16.781	152.465
37870.391	44922.734	30547.461	29.198	26.406
1.021				
8/13/2016 5:45:00 AM	200700.000	67.686	16.794	152.469
37868.805	44907.293	30536.961	29.187	26.407
1.021				
8/13/2016 6:00:00 AM	201600.000	67.685	16.796	152.467
37872.125	44908.902	30538.055	29.189	26.405
1.021				
8/13/2016 6:15:00 AM	202500.000	67.687	16.790	152.472
37863.215	44904.402	30534.996	29.185	26.411
1.021				
8/13/2016 6:30:00 AM	203400.000	67.687	16.783	152.471
37866.723	44915.891	30542.809	29.193	26.408

1.021				
8/13/2016 6:45:00 AM	204300.000	67.690	16.791	152.477
37876.074	44918.855	30544.824	29.196	26.402
1.021				
8/13/2016 7:00:00 AM	205200.000	67.690	16.796	152.478
37858.504	44892.930	30527.195	29.177	26.414
1.021				
8/13/2016 7:15:00 AM	206100.000	67.686	16.790	152.469
37861.379	44902.141	30533.457	29.183	26.412
1.021				
8/13/2016 7:30:00 AM	207000.000	67.683	16.801	152.463
37848.273	44875.617	30515.422	29.165	26.421
1.021				
8/13/2016 7:45:00 AM	207900.000	67.689	16.788	152.476
37861.254	44904.762	30535.240	29.185	26.412
1.021				
8/13/2016 8:00:00 AM	208800.000	67.688	16.794	152.473
37891.656	44934.469	30555.441	29.207	26.391
1.021				
8/13/2016 8:15:00 AM	209700.000	67.690	16.793	152.478
37846.949	44882.430	30520.055	29.169	26.422
1.021				
8/13/2016 8:30:00 AM	210600.000	67.697	16.784	152.494
37880.875	44931.344	30553.316	29.204	26.399
1.021				
8/13/2016 8:45:00 AM	211500.000	67.694	16.782	152.488
37852.633	44900.613	30532.420	29.182	26.418
1.021				
8/13/2016 9:00:00 AM	212400.000	67.696	16.783	152.492
37845.242	44890.863	30525.789	29.175	26.423
1.021				
8/13/2016 9:15:00 AM	213300.000	67.701	16.785	152.503
37867.852	44915.711	30542.684	29.193	26.408
1.021				
8/13/2016 9:30:00 AM	214200.000	67.701	16.796	152.503
37863.492	44898.664	30531.094	29.181	26.411
1.021				
8/13/2016 9:45:00 AM	215100.000	67.702	16.786	152.506
37825.488	44864.578	30507.916	29.156	26.437
1.021				
8/13/2016 10:00:00 AM	216000.000	67.707	16.787	152.518
37868.266	44913.523	30541.197	29.191	26.407
1.021				
8/13/2016 10:15:00 AM	216900.000	67.706	16.784	152.514
37834.633	44876.496	30516.020	29.165	26.431
1.021				
8/13/2016 10:30:00 AM	217800.000	67.709	16.786	152.521
37862.707	44908.453	30537.750	29.188	26.411
1.021				
8/13/2016 10:45:00 AM	218700.000	67.706	16.783	152.514
37856.391	44903.457	30534.354	29.184	26.416
1.021				
8/13/2016 11:00:00 AM	219600.000	67.713	16.786	152.530
37854.180	44897.980	30530.629	29.180	26.417
1.021				

8/13/2016 11:15:00 AM 37874.371 1.021	220500.000 44916.734	67.711 30543.381	16.791 29.194	152.526 26.403
8/13/2016 11:30:00 AM 37868.203 1.021	221400.000 44904.797	67.729 30535.264	16.796 29.186	152.567 26.407
8/13/2016 11:45:00 AM 37863.371 1.021	222300.000 44901.289	67.718 30532.879	16.794 29.183	152.542 26.411
8/13/2016 12:00:00 PM 37885.090 1.021	223200.000 44925.629	67.721 30549.430	16.795 29.201	152.549 26.396
8/13/2016 12:15:00 PM 37880.605 1.021	224100.000 44922.895	67.717 30547.568	16.792 29.199	152.540 26.399
8/13/2016 12:30:00 PM 37842.367 1.021	225000.000 44886.730	67.723 30522.979	16.783 29.172	152.553 26.425
8/13/2016 12:45:00 PM 37853.578 1.021	225900.000 44895.734	67.722 30529.100	16.788 29.179	152.551 26.418
8/13/2016 1:00:00 PM 37865.078 1.021	226800.000 44904.301	67.720 30534.928	16.793 29.185	152.547 26.410
8/13/2016 1:15:00 PM 37873.230 1.021	227700.000 44919.773	67.723 30545.447	16.787 29.196	152.553 26.404
8/13/2016 1:30:00 PM 37869.816 1.021	228600.000 44913.488	67.720 30541.174	16.789 29.192	152.547 26.406
8/13/2016 1:45:00 PM 37855.156 1.021	229500.000 44898.688	67.719 30531.109	16.787 29.181	152.543 26.416
8/13/2016 2:00:00 PM 37885.305 1.021	230400.000 44924.887	67.718 30548.926	16.796 29.200	152.542 26.395
8/13/2016 2:15:00 PM 37852.285 1.021	231300.000 44890.641	67.722 30525.639	16.791 29.175	152.550 26.418
8/13/2016 2:30:00 PM 37867.543 1.021	232200.000 44912.930	67.724 30540.795	16.787 29.191	152.555 26.408
8/13/2016 2:45:00 PM 37843.352 1.021	233100.000 44883.789	67.726 30520.979	16.787 29.170	152.559 26.425
8/13/2016 3:00:00 PM 37878.508 1.021	234000.000 44924.148	67.723 30548.424	16.789 29.199	152.553 26.400
8/13/2016 3:15:00 PM 37861.219 1.021	234900.000 44906.586	67.724 30536.480	16.786 29.186	152.555 26.412
8/13/2016 3:30:00 PM 37873.223 1.021	235800.000 44914.316	67.726 30541.738	16.792 29.192	152.559 26.404
8/13/2016 3:45:00 PM	236700.000	67.726	16.796	152.560

37859.645	44894.902	30528.533	29.179	26.413
1.021				
8/13/2016 4:00:00 PM	237600.000	67.742	16.784	152.596
37860.148	44907.109	30536.834	29.187	26.413
1.021				
8/13/2016 4:15:00 PM	238500.000	67.729	16.794	152.565
37881.578	44922.969	30547.621	29.199	26.398
1.021				
8/13/2016 4:30:00 PM	239400.000	67.730	16.787	152.569
37858.156	44901.625	30533.107	29.183	26.414
1.021				
8/13/2016 4:45:00 PM	240300.000	67.747	16.791	152.606
37839.023	44875.273	30515.186	29.164	26.428
1.021				
8/13/2016 5:00:00 PM	241200.000	67.734	16.789	152.578
37858.820	44900.625	30532.428	29.182	26.414
1.021				
8/13/2016 5:15:00 PM	242100.000	67.736	16.796	152.581
37869.336	44906.043	30536.109	29.187	26.407
1.021				
8/13/2016 5:30:00 PM	243000.000	67.739	16.797	152.588
37880.082	44917.805	30544.109	29.195	26.399
1.021				
8/13/2016 5:45:00 PM	243900.000	67.745	16.791	152.602
37859.234	44898.969	30531.299	29.181	26.414
1.021				
8/13/2016 6:00:00 PM	244800.000	67.744	16.794	152.600
37858.820	44895.707	30529.084	29.179	26.414
1.021				
8/13/2016 6:15:00 PM	245700.000	67.750	16.790	152.614
37883.527	44929.121	30551.803	29.203	26.397
1.021				
8/13/2016 6:30:00 PM	246600.000	67.752	16.798	152.617
37889.184	44927.699	30550.836	29.202	26.393
1.021				
8/13/2016 6:45:00 PM	247500.000	67.756	16.791	152.627
37857.590	44897.563	30530.346	29.180	26.415
1.021				
8/13/2016 7:00:00 PM	248400.000	67.774	16.792	152.668
37849.664	44886.906	30523.098	29.173	26.420
1.021				
8/13/2016 7:15:00 PM	249300.000	67.766	16.791	152.648
37867.098	44908.293	30537.639	29.188	26.408
1.021				
8/13/2016 7:30:00 PM	250200.000	67.769	16.783	152.656
37857.273	44905.305	30535.607	29.185	26.415
1.021				
8/13/2016 7:45:00 PM	251100.000	67.772	16.793	152.662
37865.172	44903.867	30534.631	29.185	26.409
1.021				
8/13/2016 8:00:00 PM	252000.000	67.774	16.798	152.667
37874.965	44910.398	30539.072	29.190	26.403
1.021				
8/13/2016 8:15:00 PM	252900.000	67.777	16.795	152.674
37865.137	44901.789	30533.219	29.183	26.410

1.021				
8/13/2016 8:30:00 PM	253800.000	67.781	16.790	152.683
37874.273	44917.797	30544.104	29.195	26.403
1.021				
8/13/2016 8:45:00 PM	254700.000	67.783	16.798	152.688
37871.836	44906.688	30536.549	29.187	26.405
1.021				
8/13/2016 9:00:00 PM	255600.000	67.785	16.793	152.693
37871.527	44911.676	30539.941	29.190	26.405
1.021				
8/13/2016 9:15:00 PM	256500.000	67.789	16.785	152.701
37841.133	44883.840	30521.014	29.170	26.426
1.021				
8/13/2016 9:30:00 PM	257400.000	67.789	16.793	152.702
37856.672	44893.621	30527.664	29.177	26.415
1.021				
8/13/2016 9:45:00 PM	258300.000	67.792	16.782	152.708
37871.496	44923.160	30547.752	29.198	26.405
1.021				
8/13/2016 10:00:00 PM	259200.000	67.794	16.781	152.713
37851.117	44899.703	30531.801	29.181	26.419
1.021				
8/13/2016 10:15:00 PM	260100.000	67.790	16.786	152.703
37878.098	44926.883	30550.283	29.201	26.400
1.021				
8/13/2016 10:30:00 PM	261000.000	67.793	16.793	152.709
37883.059	44925.438	30549.299	29.200	26.397
1.021				
8/13/2016 10:45:00 PM	261900.000	67.793	16.788	152.711
37893.691	44942.961	30561.215	29.213	26.390
1.021				
8/13/2016 11:00:00 PM	262800.000	67.798	16.788	152.722
37854.809	44897.297	30530.162	29.180	26.417
1.021				
8/13/2016 11:15:00 PM	263700.000	67.811	16.796	152.750
37842.938	44874.207	30514.461	29.164	26.425
1.021				
8/13/2016 11:30:00 PM	264600.000	67.796	16.782	152.717
37869.156	44920.293	30545.801	29.196	26.407
1.021				
8/13/2016 11:45:00 PM	265500.000	67.792	16.784	152.707
37853.195	44898.676	30531.102	29.181	26.418
1.021				
8/14/2016 12:00:00 AM	266400.000	67.789	16.794	152.701
37885.777	44927.496	30550.699	29.202	26.395
1.021				
8/14/2016 12:15:00 AM	267300.000	67.792	16.784	152.707
37873.359	44922.512	30547.311	29.198	26.404
1.021				
8/14/2016 12:30:00 AM	268200.000	67.785	16.786	152.693
37865.895	44912.410	30540.441	29.191	26.409
1.021				
8/14/2016 12:45:00 AM	269100.000	67.781	16.797	152.684
37866.750	44902.348	30533.600	29.184	26.408
1.021				

8/14/2016 1:00:00 AM 37858.063 1.021	270000.000 44902.230	67.782 30533.520	16.786 29.183	152.685 26.414
8/14/2016 1:15:00 AM 37854.055 1.021	270900.000 44900.324	67.777 30532.223	16.784 29.182	152.675 26.417
8/14/2016 1:30:00 AM 37848.840 1.021	271800.000 44889.063	67.774 30524.564	16.789 29.174	152.668 26.421
8/14/2016 1:45:00 AM 37875.664 1.021	272700.000 44919.082	67.768 30544.977	16.790 29.196	152.654 26.402
8/14/2016 2:00:00 AM 37865.672 1.021	273600.000 44909.652	67.762 30538.566	16.788 29.189	152.642 26.409
8/14/2016 2:15:00 AM 37883.059 1.021	274500.000 44933.570	67.761 30554.828	16.785 29.206	152.639 26.397
8/14/2016 2:30:00 AM 37867.984 1.021	275400.000 44916.215	67.757 30543.027	16.784 29.193	152.629 26.408
8/14/2016 2:45:00 AM 37871.051 1.021	276300.000 44914.422	67.751 30541.807	16.790 29.192	152.616 26.405
8/14/2016 3:00:00 AM 37875.633 1.021	277200.000 44923.602	67.748 30548.051	16.786 29.199	152.609 26.402
8/14/2016 3:15:00 AM 37846.789 1.021	278100.000 44880.105	67.739 30518.475	16.795 29.168	152.588 26.422
8/14/2016 3:30:00 AM 37868.746 1.021	279000.000 44916.063	67.734 30542.924	16.785 29.193	152.578 26.407
8/14/2016 3:45:00 AM 37875.215 1.021	279900.000 44925.242	67.734 30549.166	16.784 29.200	152.577 26.402
8/14/2016 4:00:00 AM 37844.449 1.021	280800.000 44876.082	67.733 30515.738	16.796 29.165	152.574 26.424
8/14/2016 4:15:00 AM 37839.676 1.021	281700.000 44886.402	67.731 30522.754	16.781 29.172	152.571 26.427
8/14/2016 4:30:00 AM 37856.961 1.021	282600.000 44893.688	67.721 30527.709	16.794 29.178	152.549 26.415
8/14/2016 4:45:00 AM 37851.020 1.021	283500.000 44891.906	67.722 30526.496	16.788 29.176	152.551 26.419
8/14/2016 5:00:00 AM 37843.602 1.021	284400.000 44883.375	67.713 30520.697	16.788 29.170	152.530 26.425
8/14/2016 5:15:00 AM 37857.555 1.021	285300.000 44898.848	67.712 30531.217	16.789 29.181	152.527 26.415
8/14/2016 5:30:00 AM	286200.000	67.712	16.787	152.527

37871.875	44918.168	30544.357	29.195	26.405
1.021				
8/14/2016 5:45:00 AM	287100.000	67.710	16.784	152.522
37849.027	44894.098	30527.988	29.177	26.421
1.021				
8/14/2016 6:00:00 AM	288000.000	67.724	16.793	152.554
37873.707	44914.441	30541.822	29.192	26.404
1.021				
8/14/2016 6:15:00 AM	288900.000	67.705	16.790	152.511
37889.574	44935.945	30556.443	29.208	26.392
1.021				
8/14/2016 6:30:00 AM	289800.000	67.700	16.797	152.502
37867.789	44903.148	30534.141	29.185	26.408
1.021				
8/14/2016 6:45:00 AM	290700.000	67.703	16.798	152.507
37836.809	44865.426	30508.492	29.157	26.429
1.021				
8/14/2016 7:00:00 AM	291600.000	67.699	16.793	152.499
37880.656	44922.152	30547.066	29.198	26.399
1.021				
8/14/2016 7:15:00 AM	292500.000	67.714	16.783	152.533
37855.219	44901.973	30533.342	29.183	26.416
1.021				
8/14/2016 7:30:00 AM	293400.000	67.700	16.788	152.501
37894.398	44943.539	30561.609	29.213	26.389
1.021				
8/14/2016 7:45:00 AM	294300.000	67.703	16.796	152.509
37846.945	44879.137	30517.814	29.167	26.422
1.021				
8/14/2016 8:00:00 AM	295200.000	67.704	16.789	152.510
37887.703	44935.324	30556.023	29.207	26.394
1.021				
8/14/2016 8:15:00 AM	296100.000	67.708	16.785	152.518
37861.160	44907.152	30536.865	29.187	26.412
1.021				
8/14/2016 8:30:00 AM	297000.000	67.704	16.781	152.511
37847.957	44895.410	30528.881	29.178	26.422
1.021				
8/14/2016 8:45:00 AM	297900.000	67.720	16.797	152.546
37852.090	44884.703	30521.600	29.171	26.419
1.021				
8/14/2016 9:00:00 AM	298800.000	67.718	16.791	152.542
37876.996	44919.684	30545.385	29.196	26.401
1.021				
8/14/2016 9:15:00 AM	299700.000	67.710	16.797	152.522
37859.234	44893.344	30527.475	29.177	26.414
1.021				
8/14/2016 9:30:00 AM	300600.000	67.711	16.786	152.526
37879.230	44927.691	30550.830	29.202	26.400
1.021				
8/14/2016 9:45:00 AM	301500.000	67.728	16.791	152.564
37879.227	44922.680	30547.422	29.198	26.400
1.021				
8/14/2016 10:00:00 AM	302400.000	67.717	16.786	152.540
37830.777	44870.582	30511.998	29.160	26.434

1.021				
8/14/2016 10:15:00 AM	303300.000	67.720	16.782	152.546
37859.199	44908.031	30537.463	29.187	26.414
1.021				
8/14/2016 10:30:00 AM	304200.000	67.723	16.785	152.554
37859.930	44905.785	30535.934	29.186	26.413
1.021				
8/14/2016 10:45:00 AM	305100.000	67.721	16.791	152.549
37896.668	44943.906	30561.859	29.214	26.388
1.021				
8/14/2016 11:00:00 AM	306000.000	67.729	16.795	152.566
37885.941	44926.891	30550.287	29.202	26.395
1.021				
8/14/2016 11:15:00 AM	306900.000	67.746	16.786	152.604
37832.422	44872.801	30513.506	29.162	26.432
1.021				
8/14/2016 11:30:00 AM	307800.000	67.732	16.798	152.572
37885.457	44923.281	30547.834	29.199	26.395
1.021				
8/14/2016 11:45:00 AM	308700.000	67.733	16.800	152.576
37846.379	44874.988	30514.994	29.164	26.423
1.021				
8/14/2016 12:00:00 PM	309600.000	67.734	16.788	152.578
37875.063	44920.957	30546.254	29.197	26.403
1.021				
8/14/2016 12:15:00 PM	310500.000	67.739	16.792	152.588
37833.754	44867.961	30510.213	29.159	26.431
1.021				
8/14/2016 12:30:00 PM	311400.000	67.740	16.792	152.591
37858.004	44896.168	30529.396	29.179	26.414
1.021				
8/14/2016 12:45:00 PM	312300.000	67.741	16.803	152.593
37882.715	44914.945	30542.166	29.193	26.397
1.021				
8/14/2016 1:00:00 PM	313200.000	67.741	16.800	152.593
37854.648	44884.086	30521.182	29.171	26.417
1.021				
8/14/2016 1:15:00 PM	314100.000	67.742	16.794	152.596
37849.379	44884.785	30521.656	29.171	26.421
1.021				
8/14/2016 1:30:00 PM	315000.000	67.744	16.788	152.601
37863.656	44907.688	30537.230	29.187	26.411
1.021				
8/14/2016 1:45:00 PM	315900.000	67.747	16.786	152.607
37843.063	44885.238	30521.965	29.171	26.425
1.021				
8/14/2016 2:00:00 PM	316800.000	67.739	16.790	152.590
37841.422	44879.281	30517.914	29.167	26.426
1.021				
8/14/2016 2:15:00 PM	317700.000	67.744	16.795	152.601
37878.926	44918.316	30544.457	29.195	26.400
1.021				
8/14/2016 2:30:00 PM	318600.000	67.745	16.791	152.602
37833.875	44869.355	30511.164	29.160	26.431
1.021				

8/14/2016 2:45:00 PM	319500.000	67.762	16.791	152.641
37865.898	44906.688	30536.549	29.187	26.409
1.021				
8/14/2016 3:00:00 PM	320400.000	67.747	16.795	152.606
37851.715	44886.125	30522.566	29.172	26.419
1.021				
8/14/2016 3:15:00 PM	321300.000	67.747	16.797	152.606
37861.629	44895.387	30528.863	29.179	26.412
1.021				
8/14/2016 3:30:00 PM	322200.000	67.749	16.797	152.611
37895.992	44936.320	30556.697	29.209	26.388
1.021				
8/14/2016 3:45:00 PM	323100.000	67.749	16.795	152.611
37864.508	44901.297	30532.885	29.183	26.410
1.021				
8/14/2016 4:00:00 PM	324000.000	67.748	16.788	152.609
37865.395	44909.402	30538.396	29.189	26.409
1.021				
8/14/2016 4:15:00 PM	324900.000	67.748	16.796	152.609
37850.320	44883.316	30520.658	29.170	26.420
1.021				
8/14/2016 4:30:00 PM	325800.000	67.751	16.793	152.615
37857.652	44895.047	30528.635	29.178	26.415
1.021				
8/14/2016 4:45:00 PM	326700.000	67.752	16.785	152.617
37878.410	44928.234	30551.201	29.202	26.400
1.021				
8/14/2016 5:00:00 PM	327600.000	67.753	16.787	152.620
37852.063	44894.746	30528.430	29.178	26.419
1.021				
8/14/2016 5:15:00 PM	328500.000	67.752	16.790	152.619
37869.629	44912.367	30540.410	29.191	26.406
1.021				
8/14/2016 5:30:00 PM	329400.000	67.758	16.793	152.632
37858.820	44896.695	30529.754	29.180	26.414
1.021				
8/14/2016 5:45:00 PM	330300.000	67.763	16.793	152.643
37883.664	44926.156	30549.789	29.201	26.397
1.021				
8/14/2016 6:00:00 PM	331200.000	67.763	16.792	152.644
37861.156	44900.094	30532.066	29.182	26.412
1.021				
8/14/2016 6:15:00 PM	332100.000	67.765	16.792	152.647
37868.871	44909.605	30538.533	29.189	26.407
1.021				
8/14/2016 6:30:00 PM	333000.000	67.768	16.782	152.653
37856.422	44904.738	30535.225	29.185	26.416
1.021				
8/14/2016 6:45:00 PM	333900.000	67.772	16.776	152.662
37843.098	44895.543	30528.971	29.178	26.425
1.021				
8/14/2016 7:00:00 PM	334800.000	67.777	16.784	152.675
37861.949	44909.605	30538.533	29.188	26.412
1.021				
8/14/2016 7:15:00 PM	335700.000	67.780	16.789	152.682

37842.016	44880.520	30518.756	29.168	26.426
1.021				
8/14/2016 7:30:00 PM	336600.000	67.785	16.783	152.693
37879.586	44931.688	30553.549	29.204	26.399
1.021				
8/14/2016 7:45:00 PM	337500.000	67.789	16.792	152.700
37832.426	44865.758	30508.717	29.157	26.432
1.021				
8/14/2016 8:00:00 PM	338400.000	67.789	16.800	152.700
37866.750	44898.781	30531.174	29.182	26.408
1.021				
8/14/2016 8:15:00 PM	339300.000	67.794	16.789	152.713
37863.965	44906.188	30536.209	29.186	26.410
1.021				
8/14/2016 8:30:00 PM	340200.000	67.797	16.791	152.719
37863.273	44903.945	30534.686	29.185	26.411
1.021				
8/14/2016 8:45:00 PM	341100.000	67.806	16.787	152.739
37867.441	44912.809	30540.713	29.191	26.408
1.021				
8/14/2016 9:00:00 PM	342000.000	67.805	16.788	152.737
37847.383	44887.859	30523.746	29.173	26.422
1.021				
8/14/2016 9:15:00 PM	342900.000	67.813	16.784	152.755
37847.039	44891.824	30526.443	29.176	26.422
1.021				
8/14/2016 9:30:00 PM	343800.000	67.816	16.786	152.762
37850.391	44893.395	30527.510	29.177	26.420
1.021				
8/14/2016 9:45:00 PM	344700.000	67.818	16.789	152.768
37852.914	44893.715	30527.727	29.177	26.418
1.021				
8/14/2016 10:00:00 PM	345600.000	67.822	16.786	152.777
37831.414	44871.336	30512.508	29.161	26.433
1.021				
8/14/2016 10:15:00 PM	346500.000	67.823	16.796	152.779
37859.297	44893.961	30527.896	29.178	26.414
1.021				
8/14/2016 10:30:00 PM	347400.000	67.824	16.796	152.781
37846.379	44878.918	30517.666	29.167	26.423
1.021				
8/14/2016 10:45:00 PM	348300.000	67.826	16.791	152.785
37877.590	44921.012	30546.291	29.197	26.401
1.021				
8/14/2016 11:00:00 PM	349200.000	67.827	16.791	152.787
37851.813	44889.816	30525.078	29.175	26.419
1.021				
8/14/2016 11:15:00 PM	350100.000	67.832	16.793	152.797
37865.484	44904.688	30535.189	29.185	26.409
1.021				
8/14/2016 11:30:00 PM	351000.000	67.828	16.804	152.789
37881.535	44912.293	30540.361	29.192	26.398
1.021				
8/14/2016 11:45:00 PM	351900.000	67.844	16.801	152.825
37865.578	44896.684	30529.746	29.180	26.409

1.021				
8/15/2016 12:00:00 AM	352800.000	67.827	16.787	152.787
37869.473	44915.316	30542.418	29.193	26.406
1.021				
8/15/2016 12:15:00 AM	353700.000	67.832	16.792	152.798
37869.719	44910.961	30539.455	29.190	26.406
1.021				
8/15/2016 12:30:00 AM	354600.000	67.825	16.792	152.783
37844.422	44880.875	30518.998	29.168	26.424
1.021				
8/15/2016 12:45:00 AM	355500.000	67.830	16.787	152.793
37843.566	44884.145	30521.219	29.170	26.425
1.021				
8/15/2016 1:00:00 AM	356400.000	67.826	16.777	152.785
37875.918	44932.965	30554.416	29.205	26.402
1.021				
8/15/2016 1:15:00 AM	357300.000	67.824	16.777	152.781
37856.738	44909.941	30538.762	29.188	26.415
1.021				
8/15/2016 1:30:00 AM	358200.000	67.819	16.781	152.769
37869.688	44921.277	30546.471	29.197	26.406
1.021				
8/15/2016 1:45:00 AM	359100.000	67.828	16.782	152.789
37841.953	44887.227	30523.316	29.172	26.426
1.021				
8/15/2016 2:00:00 AM	360000.000	67.813	16.783	152.756
37846.031	44891.613	30526.299	29.175	26.423
1.021				
8/15/2016 2:15:00 AM	360900.000	67.809	16.784	152.746
37885.793	44937.969	30557.820	29.209	26.395
1.021				
8/15/2016 2:30:00 AM	361800.000	67.806	16.778	152.741
37844.008	44893.777	30527.771	29.177	26.424
1.021				
8/15/2016 2:45:00 AM	362700.000	67.801	16.774	152.729
37842.586	44896.281	30529.473	29.178	26.425
1.021				
8/15/2016 3:00:00 AM	363600.000	67.800	16.779	152.726
37877.316	44932.660	30554.211	29.205	26.401
1.021				
8/15/2016 3:15:00 AM	364500.000	67.795	16.777	152.715
37849.820	44902.176	30533.482	29.183	26.420
1.021				
8/15/2016 3:30:00 AM	365400.000	67.789	16.781	152.700
37861.098	44911.277	30539.670	29.190	26.412
1.021				
8/15/2016 3:45:00 AM	366300.000	67.787	16.779	152.697
37834.441	44881.348	30519.318	29.168	26.431
1.021				
8/15/2016 4:00:00 AM	367200.000	67.781	16.783	152.683
37874.316	44925.078	30549.055	29.200	26.403
1.021				
8/15/2016 4:15:00 AM	368100.000	67.774	16.795	152.667
37841.418	44873.738	30514.145	29.163	26.426
1.021				

8/15/2016 4:30:00 AM 37850.988 1.021	369000.000 44893.574	67.769 30527.631	16.787 29.177	152.655 26.419
8/15/2016 4:45:00 AM 37855.539 1.021	369900.000 44896.105	67.769 30529.352	16.790 29.179	152.655 26.416
8/15/2016 5:00:00 AM 37839.434 1.021	370800.000 44874.594	67.763 30514.727	16.792 29.164	152.643 26.427
8/15/2016 5:15:00 AM 37858.820 1.021	371700.000 44906.695	67.757 30536.555	16.783 29.186	152.629 26.414
8/15/2016 5:30:00 AM 37843.281 1.021	372600.000 44883.891	67.759 30521.047	16.787 29.170	152.635 26.425
8/15/2016 5:45:00 AM 37862.738 1.021	373500.000 44904.734	67.752 30535.221	16.789 29.185	152.617 26.411
8/15/2016 6:00:00 AM 37876.047 1.021	374400.000 44920.168	67.751 30545.717	16.790 29.196	152.615 26.402
8/15/2016 6:15:00 AM 37861.129 1.021	375300.000 44904.523	67.751 30535.078	16.788 29.185	152.616 26.412
8/15/2016 6:30:00 AM 37858.063 1.021	376200.000 44889.016	67.758 30524.533	16.799 29.174	152.632 26.414
8/15/2016 6:45:00 AM 37875.449 1.021	377100.000 44919.191	67.749 30545.051	16.790 29.196	152.610 26.402
8/15/2016 7:00:00 AM 37866.430 1.021	378000.000 44903.320	67.740 30534.260	16.795 29.185	152.592 26.409
8/15/2016 7:15:00 AM 37871.660 1.021	378900.000 44917.813	67.747 30544.115	16.787 29.195	152.606 26.405
8/15/2016 7:30:00 AM 37855.281 1.021	379800.000 44903.035	67.745 30534.064	16.782 29.184	152.602 26.416
8/15/2016 7:45:00 AM 37843.098 1.021	380700.000 44878.941	67.758 30517.682	16.792 29.167	152.632 26.425
8/15/2016 8:00:00 AM 37864.793 1.021	381600.000 44907.355	67.744 30537.002	16.789 29.187	152.600 26.410
8/15/2016 8:15:00 AM 37872.129 1.021	382500.000 44913.910	67.747 30541.461	16.791 29.192	152.607 26.405
8/15/2016 8:30:00 AM 37843.852 1.021	383400.000 44873.508	67.743 30513.988	16.798 29.163	152.597 26.424
8/15/2016 8:45:00 AM 37857.211 1.021	384300.000 44900.504	67.766 30532.346	16.787 29.182	152.648 26.415
8/15/2016 9:00:00 AM	385200.000	67.752	16.786	152.618

37837.855	44878.348	30517.279	29.166	26.429
1.021				
8/15/2016 9:15:00 AM	386100.000	67.756	16.790	152.628
37831.289	44866.453	30509.189	29.158	26.433
1.021				
8/15/2016 9:30:00 AM	387000.000	67.757	16.790	152.630
37872.754	44916.441	30543.180	29.194	26.404
1.021				
8/15/2016 9:45:00 AM	387900.000	67.766	16.789	152.648
37856.672	44898.078	30530.695	29.180	26.415
1.021				
8/15/2016 10:00:00 AM	388800.000	67.762	16.789	152.640
37863.465	44906.406	30536.359	29.186	26.411
1.021				
8/15/2016 10:15:00 AM	389700.000	67.765	16.805	152.647
37863.215	44889.066	30524.568	29.175	26.411
1.021				
8/15/2016 10:30:00 AM	390600.000	67.767	16.785	152.652
37877.633	44927.402	30550.637	29.201	26.401
1.021				
8/15/2016 10:45:00 AM	391500.000	67.773	16.788	152.666
37861.664	44904.801	30535.268	29.185	26.412
1.021				
8/15/2016 11:00:00 AM	392400.000	67.776	16.794	152.673
37870.031	44908.477	30537.766	29.188	26.406
1.021				
8/15/2016 11:15:00 AM	393300.000	67.781	16.783	152.683
37867.449	44917.109	30543.637	29.194	26.408
1.021				
8/15/2016 11:30:00 AM	394200.000	67.783	16.786	152.687
37862.742	44908.043	30537.471	29.187	26.411
1.021				
8/15/2016 11:45:00 AM	395100.000	67.785	16.790	152.693
37887.016	44932.629	30554.189	29.205	26.394
1.021				
8/15/2016 12:00:00 PM	396000.000	67.785	16.787	152.693
37858.375	44901.793	30533.221	29.183	26.414
1.021				
8/15/2016 12:15:00 PM	396900.000	67.789	16.793	152.702
37831.605	44864.605	30507.934	29.156	26.433
1.021				
8/15/2016 12:30:00 PM	397800.000	67.793	16.783	152.711
37845.461	44890.934	30525.838	29.175	26.423
1.021				
8/15/2016 12:45:00 PM	398700.000	67.795	16.796	152.715
37872.246	44909.227	30538.275	29.189	26.405
1.021				
8/15/2016 1:00:00 PM	399600.000	67.811	16.793	152.751
37872.156	44911.895	30540.088	29.191	26.405
1.021				
8/15/2016 1:15:00 PM	400500.000	67.797	16.800	152.719
37844.988	44873.250	30513.811	29.163	26.424
1.021				
8/15/2016 1:30:00 PM	401400.000	67.799	16.793	152.723
37870.387	44909.883	30538.723	29.189	26.406

1.021				
8/15/2016 1:45:00 PM	402300.000	67.799	16.785	152.724
37858.727	44904.707	30535.201	29.185	26.414
1.021				
8/15/2016 2:00:00 PM	403200.000	67.797	16.782	152.719
37855.602	44903.414	30534.324	29.184	26.416
1.021				
8/15/2016 2:15:00 PM	404100.000	67.798	16.797	152.721
37866.500	44901.961	30533.334	29.184	26.409
1.021				
8/15/2016 2:30:00 PM	405000.000	67.802	16.784	152.730
37848.113	44892.484	30526.893	29.176	26.421
1.021				
8/15/2016 2:45:00 PM	405900.000	67.801	16.790	152.729
37854.938	44894.867	30528.512	29.178	26.417
1.021				
8/15/2016 3:00:00 PM	406800.000	67.804	16.793	152.735
37843.980	44879.094	30517.783	29.167	26.424
1.021				
8/15/2016 3:15:00 PM	407700.000	67.802	16.786	152.732
37859.102	44903.902	30534.656	29.184	26.414
1.021				
8/15/2016 3:30:00 PM	408600.000	67.801	16.788	152.729
37855.980	44897.789	30530.496	29.180	26.416
1.021				
8/15/2016 3:45:00 PM	409500.000	67.801	16.782	152.729
37864.129	44914.328	30541.746	29.192	26.410
1.021				
8/15/2016 4:00:00 PM	410400.000	67.804	16.793	152.735
37856.801	44894.035	30527.945	29.178	26.415
1.021				
8/15/2016 4:15:00 PM	411300.000	67.810	16.790	152.749
37867.574	44910.203	30538.939	29.189	26.408
1.021				
8/15/2016 4:30:00 PM	412200.000	67.805	16.790	152.738
37844.832	44883.230	30520.600	29.170	26.424
1.021				
8/15/2016 4:45:00 PM	413100.000	67.801	16.784	152.729
37885.117	44936.816	30557.037	29.208	26.396
1.021				
8/15/2016 5:00:00 PM	414000.000	67.803	16.784	152.733
37874.523	44924.074	30548.373	29.199	26.403
1.021				
8/15/2016 5:15:00 PM	414900.000	67.806	16.784	152.739
37853.988	44900.066	30532.047	29.182	26.417
1.021				
8/15/2016 5:30:00 PM	415800.000	67.811	16.788	152.751
37852.633	44894.613	30528.340	29.178	26.418
1.021				
8/15/2016 5:45:00 PM	416700.000	67.826	16.790	152.784
37882.773	44928.145	30551.141	29.202	26.397
1.021				
8/15/2016 6:00:00 PM	417600.000	67.825	16.787	152.782
37878.574	44925.664	30549.451	29.200	26.400
1.021				

8/15/2016 6:15:00 PM 37874.742 1.021	418500.000 44912.098	67.811 30540.229	16.796 29.191	152.750 26.403
8/15/2016 6:30:00 PM 37882.484 1.021	419400.000 44923.590	67.813 30548.043	16.794 29.199	152.755 26.397
8/15/2016 6:45:00 PM 37866.059 1.021	420300.000 44911.449	67.815 30539.787	16.787 29.190	152.761 26.409
8/15/2016 7:00:00 PM 37868.020 1.021	421200.000 44910.281	67.819 30538.994	16.790 29.189	152.769 26.408
8/15/2016 7:15:00 PM 37835.199 1.021	422100.000 44878.500	67.820 30517.381	16.783 29.166	152.771 26.430
8/15/2016 7:30:00 PM 37860.242 1.021	423000.000 44903.473	67.824 30534.363	16.788 29.184	152.781 26.413
8/15/2016 7:45:00 PM 37862.012 1.021	423900.000 44906.648	67.829 30536.523	16.787 29.186	152.791 26.412
8/15/2016 8:00:00 PM 37838.516 1.021	424800.000 44874.672	67.828 30514.777	16.791 29.164	152.789 26.428
8/15/2016 8:15:00 PM 37839.965 1.021	425700.000 44885.488	67.838 30522.135	16.782 29.171	152.812 26.427
8/15/2016 8:30:00 PM 37856.168 1.021	426600.000 44899.266	67.842 30531.502	16.787 29.181	152.822 26.416
8/15/2016 8:45:00 PM 37861.949 1.021	427500.000 44908.977	67.844 30538.105	16.784 29.188	152.825 26.412
8/15/2016 9:00:00 PM 37873.328 1.021	428400.000 44916.758	67.846 30543.398	16.790 29.194	152.830 26.404
8/15/2016 9:15:00 PM 37871.363 1.021	429300.000 44919.168	67.851 30545.037	16.785 29.195	152.841 26.405
8/15/2016 9:30:00 PM 37859.898 1.021	430200.000 44893.242	67.852 30527.406	16.797 29.177	152.842 26.413
8/15/2016 9:45:00 PM 37851.273 1.021	431100.000 44888.914	67.857 30524.461	16.792 29.174	152.854 26.419
8/15/2016 10:00:00 PM 37837.848 1.021	432000.000 44877.887	67.862 30516.965	16.787 29.166	152.867 26.429
8/15/2016 10:15:00 PM 37861.730 1.021	432900.000 44905.145	67.863 30535.500	16.788 29.185	152.868 26.412
8/15/2016 10:30:00 PM 37879.238 1.021	433800.000 44925.465	67.868 30549.318	16.788 29.200	152.878 26.400
8/15/2016 10:45:00 PM	434700.000	67.869	16.784	152.880

37838.965	44881.797	30519.625	29.168	26.428
1.021				
8/15/2016 11:00:00 PM	435600.000	67.871	16.782	152.886
37845.961	44892.328	30526.785	29.176	26.423
1.021				
8/15/2016 11:15:00 PM	436500.000	67.874	16.790	152.893
37870.418	44913.305	30541.049	29.191	26.406
1.021				
8/15/2016 11:30:00 PM	437400.000	67.874	16.786	152.893
37867.887	44914.594	30541.926	29.192	26.408
1.021				
8/15/2016 11:45:00 PM	438300.000	67.874	16.784	152.892
37850.824	44896.051	30529.316	29.179	26.420
1.021				
8/16/2016 12:00:00 AM	439200.000	67.874	16.789	152.893
37837.926	44876.016	30515.693	29.164	26.429
1.021				
8/16/2016 12:15:00 AM	440100.000	67.880	16.793	152.906
37874.719	44915.547	30542.574	29.193	26.403
1.021				
8/16/2016 12:30:00 AM	441000.000	67.873	16.790	152.891
37840.602	44878.309	30517.252	29.166	26.427
1.021				
8/16/2016 12:45:00 AM	441900.000	67.872	16.787	152.889
37863.977	44909.055	30538.160	29.188	26.410
1.021				
8/16/2016 1:00:00 AM	442800.000	67.871	16.793	152.886
37879.016	44920.832	30546.168	29.197	26.400
1.021				
8/16/2016 1:15:00 AM	443700.000	67.869	16.786	152.881
37845.492	44888.211	30523.984	29.173	26.423
1.021				
8/16/2016 1:30:00 AM	444600.000	67.861	16.787	152.864
37874.113	44920.551	30545.977	29.197	26.403
1.021				
8/16/2016 1:45:00 AM	445500.000	67.861	16.789	152.865
37870.039	44913.934	30541.475	29.192	26.406
1.021				
8/16/2016 2:00:00 AM	446400.000	67.859	16.790	152.859
37848.461	44886.906	30523.098	29.172	26.421
1.021				
8/16/2016 2:15:00 AM	447300.000	67.856	16.791	152.852
37855.914	44895.395	30528.871	29.179	26.416
1.021				
8/16/2016 2:30:00 AM	448200.000	67.852	16.789	152.842
37838.484	44876.414	30515.963	29.165	26.428
1.021				
8/16/2016 2:45:00 AM	449100.000	67.840	16.803	152.817
37883.781	44916.297	30543.084	29.194	26.397
1.021				
8/16/2016 3:00:00 AM	450000.000	67.841	16.790	152.819
37865.266	44907.113	30536.838	29.187	26.409
1.021				
8/16/2016 3:15:00 AM	450900.000	67.839	16.788	152.813
37841.801	44881.508	30519.426	29.168	26.426

1.021				
8/16/2016 3:30:00 AM	451800.000	67.832	16.795	152.799
37864.418	44901.113	30532.758	29.183	26.410
1.021				
8/16/2016 3:45:00 AM	452700.000	67.821	16.793	152.773
37886.504	44928.910	30551.662	29.203	26.395
1.021				
8/16/2016 4:00:00 AM	453600.000	67.834	16.792	152.802
37871.430	44912.453	30540.471	29.191	26.405
1.021				
8/16/2016 4:15:00 AM	454500.000	67.812	16.790	152.754
37857.398	44897.957	30530.613	29.180	26.415
1.021				
8/16/2016 4:30:00 AM	455400.000	67.809	16.785	152.745
37855.883	44901.070	30532.730	29.182	26.416
1.021				
8/16/2016 4:45:00 AM	456300.000	67.802	16.779	152.732
37852.031	44902.664	30533.813	29.183	26.419
1.021				
8/16/2016 5:00:00 AM	457200.000	67.805	16.795	152.738
37884.762	44925.586	30549.400	29.201	26.396
1.021				
8/16/2016 5:15:00 AM	458100.000	67.790	16.791	152.703
37858.695	44898.066	30530.688	29.181	26.414
1.021				
8/16/2016 5:30:00 AM	459000.000	67.787	16.779	152.697
37833.684	44880.977	30519.066	29.168	26.431
1.021				
8/16/2016 5:45:00 AM	459900.000	67.783	16.785	152.687
37860.879	44906.730	30536.578	29.186	26.412
1.021				
8/16/2016 6:00:00 AM	460800.000	67.777	16.781	152.674
37870.734	44922.617	30547.383	29.198	26.406
1.021				
8/16/2016 6:15:00 AM	461700.000	67.772	16.794	152.662
37859.359	44895.738	30529.102	29.179	26.414
1.021				
8/16/2016 6:30:00 AM	462600.000	67.767	16.797	152.651
37863.688	44898.539	30531.010	29.181	26.411
1.021				
8/16/2016 6:45:00 AM	463500.000	67.766	16.789	152.648
37856.484	44897.680	30530.424	29.180	26.416
1.021				
8/16/2016 7:00:00 AM	464400.000	67.766	16.782	152.648
37868.648	44919.867	30545.512	29.196	26.407
1.021				
8/16/2016 7:15:00 AM	465300.000	67.762	16.785	152.641
37833.707	44875.117	30515.082	29.164	26.431
1.021				
8/16/2016 7:30:00 AM	466200.000	67.757	16.789	152.629
37851.520	44891.789	30526.416	29.176	26.419
1.021				
8/16/2016 7:45:00 AM	467100.000	67.756	16.786	152.628
37844.355	44886.953	30523.131	29.172	26.424
1.021				

8/16/2016 8:00:00 AM	468000.000	67.754	16.791	152.622
37868.430	44909.875	30538.715	29.189	26.407
1.021				
8/16/2016 8:15:00 AM	468900.000	67.767	16.792	152.652
37834.914	44869.336	30511.150	29.160	26.431
1.021				
8/16/2016 8:30:00 AM	469800.000	67.754	16.798	152.622
37864.566	44898.070	30530.689	29.181	26.410
1.021				
8/16/2016 8:45:00 AM	470700.000	67.754	16.794	152.622
37841.512	44875.180	30515.125	29.164	26.426
1.021				
8/16/2016 9:00:00 AM	471600.000	67.757	16.797	152.630
37867.762	44903.457	30534.354	29.185	26.408
1.021				
8/16/2016 9:15:00 AM	472500.000	67.757	16.793	152.630
37869.441	44908.855	30538.023	29.188	26.407
1.021				
8/16/2016 9:30:00 AM	473400.000	67.760	16.786	152.637
37865.359	44911.238	30539.645	29.190	26.409
1.021				
8/16/2016 9:45:00 AM	474300.000	67.775	16.797	152.669
37879.672	44917.316	30543.777	29.195	26.399
1.021				
8/16/2016 10:00:00 AM	475200.000	67.765	16.792	152.647
37854.055	44891.406	30526.158	29.176	26.417
1.021				
8/16/2016 10:15:00 AM	476100.000	67.769	16.793	152.656
37874.055	44914.676	30541.982	29.193	26.403
1.021				
8/16/2016 10:30:00 AM	477000.000	67.770	16.791	152.659
37864.258	44905.293	30535.602	29.186	26.410
1.021				
8/16/2016 10:45:00 AM	477900.000	67.769	16.792	152.655
37863.184	44902.309	30533.570	29.184	26.411
1.021				
8/16/2016 11:00:00 AM	478800.000	67.772	16.796	152.664
37854.492	44887.910	30523.781	29.174	26.417
1.021				
8/16/2016 11:15:00 AM	479700.000	67.776	16.797	152.672
37890.215	44929.816	30552.277	29.204	26.392
1.021				
8/16/2016 11:30:00 AM	480600.000	67.779	16.796	152.678
37862.961	44898.578	30531.035	29.181	26.411
1.021				
8/16/2016 11:45:00 AM	481500.000	67.780	16.798	152.682
37862.832	44895.922	30529.229	29.179	26.411
1.021				
8/16/2016 12:00:00 PM	482400.000	67.786	16.789	152.695
37837.758	44876.090	30515.744	29.165	26.429
1.021				
8/16/2016 12:15:00 PM	483300.000	67.784	16.791	152.690
37841.484	44877.734	30516.861	29.166	26.426
1.021				
8/16/2016 12:30:00 PM	484200.000	67.802	16.790	152.731

37869.273	44912.395	30540.430	29.191	26.407
1.021				
8/16/2016 12:45:00 PM	485100.000	67.790	16.793	152.703
37846.977	44882.461	30520.074	29.169	26.422
1.021				
8/16/2016 1:00:00 PM	486000.000	67.786	16.795	152.695
37903.273	44946.910	30563.900	29.216	26.383
1.021				
8/16/2016 1:15:00 PM	486900.000	67.806	16.784	152.740
37871.082	44920.621	30546.023	29.196	26.405
1.021				
8/16/2016 1:30:00 PM	487800.000	67.795	16.785	152.715
37819.238	44858.047	30503.473	29.151	26.442
1.021				
8/16/2016 1:45:00 PM	488700.000	67.795	16.788	152.715
37885.727	44933.863	30555.029	29.206	26.395
1.021				
8/16/2016 2:00:00 PM	489600.000	67.794	16.783	152.713
37830.621	44873.156	30513.748	29.162	26.434
1.021				
8/16/2016 2:15:00 PM	490500.000	67.794	16.785	152.713
37853.262	44898.402	30530.916	29.180	26.418
1.021				
8/16/2016 2:30:00 PM	491400.000	67.794	16.786	152.713
37850.957	44894.414	30528.201	29.178	26.419
1.021				
8/16/2016 2:45:00 PM	492300.000	67.793	16.790	152.710
37852.566	44892.500	30526.900	29.176	26.418
1.021				
8/16/2016 3:00:00 PM	493200.000	67.789	16.793	152.701
37870.391	44910.414	30539.084	29.190	26.406
1.021				
8/16/2016 3:15:00 PM	494100.000	67.795	16.794	152.714
37874.781	44914.730	30542.020	29.193	26.403
1.021				
8/16/2016 3:30:00 PM	495000.000	67.794	16.786	152.713
37867.855	44914.285	30541.715	29.192	26.408
1.021				
8/16/2016 3:45:00 PM	495900.000	67.795	16.787	152.715
37832.961	44871.465	30512.598	29.161	26.432
1.021				
8/16/2016 4:00:00 PM	496800.000	67.789	16.789	152.702
37831.414	44868.566	30510.625	29.159	26.433
1.021				
8/16/2016 4:15:00 PM	497700.000	67.788	16.788	152.699
37832.703	44871.078	30512.334	29.161	26.432
1.021				
8/16/2016 4:30:00 PM	498600.000	67.791	16.787	152.706
37846.883	44888.164	30523.953	29.173	26.422
1.021				
8/16/2016 4:45:00 PM	499500.000	67.793	16.789	152.709
37847.102	44886.188	30522.609	29.172	26.422
1.021				
8/16/2016 5:00:00 PM	500400.000	67.789	16.783	152.700
37853.297	44899.695	30531.793	29.181	26.418

1.021				
8/16/2016 5:15:00 PM	501300.000	67.805	16.798	152.737
37870.387	44905.508	30535.748	29.186	26.406
1.021				
8/16/2016 5:30:00 PM	502200.000	67.787	16.789	152.697
37883.313	44929.582	30552.117	29.203	26.397
1.021				
8/16/2016 5:45:00 PM	503100.000	67.789	16.798	152.701
37889.578	44927.906	30550.979	29.202	26.392
1.021				
8/16/2016 6:00:00 PM	504000.000	67.789	16.792	152.700
37868.113	44908.344	30537.676	29.188	26.407
1.021				
8/16/2016 6:15:00 PM	504900.000	67.790	16.792	152.703
37880.469	44923.172	30547.760	29.199	26.399
1.021				
8/16/2016 6:30:00 PM	505800.000	67.787	16.792	152.697
37852.344	44890.270	30525.385	29.175	26.418
1.021				
8/16/2016 6:45:00 PM	506700.000	67.790	16.792	152.704
37890.242	44934.766	30555.641	29.207	26.392
1.021				
8/16/2016 7:00:00 PM	507600.000	67.795	16.791	152.715
37836.777	44872.336	30513.191	29.162	26.429
1.021				
8/16/2016 7:15:00 PM	508500.000	67.792	16.792	152.708
37849.410	44886.164	30522.592	29.172	26.420
1.021				
8/16/2016 7:30:00 PM	509400.000	67.796	16.782	152.718
37835.199	44880.105	30518.475	29.167	26.430
1.021				
8/16/2016 7:45:00 PM	510300.000	67.799	16.787	152.723
37859.609	44903.520	30534.395	29.184	26.413
1.021				
8/16/2016 8:00:00 PM	511200.000	67.805	16.790	152.737
37859.387	44900.586	30532.400	29.182	26.414
1.021				
8/16/2016 8:15:00 PM	512100.000	67.801	16.786	152.728
37860.781	44905.453	30535.711	29.186	26.413
1.021				
8/16/2016 8:30:00 PM	513000.000	67.802	16.786	152.731
37855.410	44899.523	30531.678	29.181	26.416
1.021				
8/16/2016 8:45:00 PM	513900.000	67.810	16.793	152.749
37860.555	44898.223	30530.793	29.181	26.413
1.021				
8/16/2016 9:00:00 PM	514800.000	67.812	16.783	152.752
37874.688	44925.246	30549.170	29.200	26.403
1.021				
8/16/2016 9:15:00 PM	515700.000	67.811	16.787	152.751
37843.566	44884.672	30521.580	29.171	26.425
1.021				
8/16/2016 9:30:00 PM	516600.000	67.820	16.785	152.772
37854.020	44898.863	30531.227	29.181	26.417
1.021				

8/16/2016 9:45:00 PM	517500.000	67.821	16.788	152.773
37848.277	44888.652	30524.285	29.174	26.421
1.021				
8/16/2016 10:00:00 PM	518400.000	67.829	16.782	152.791
37838.320	44883.453	30520.750	29.169	26.428
1.021				
8/16/2016 10:15:00 PM	519300.000	67.829	16.783	152.792
37887.273	44940.445	30559.506	29.211	26.394
1.021				
8/16/2016 10:30:00 PM	520200.000	67.834	16.787	152.803
37838.508	44878.414	30517.324	29.166	26.428
1.021				
8/16/2016 10:45:00 PM	521100.000	67.837	16.782	152.809
37833.109	44876.734	30516.182	29.165	26.432
1.021				
8/16/2016 11:00:00 PM	522000.000	67.842	16.784	152.821
37857.371	44904.445	30535.025	29.185	26.415
1.021				
8/16/2016 11:15:00 PM	522900.000	67.842	16.782	152.822
37857.305	44906.156	30536.188	29.186	26.415
1.021				
8/16/2016 11:30:00 PM	523800.000	67.842	16.789	152.821
37845.902	44884.859	30521.705	29.171	26.423
1.021				
8/16/2016 11:45:00 PM	524700.000	67.868	16.787	152.878
37854.906	44898.223	30530.793	29.180	26.417
1.021				
8/17/2016 12:00:00 AM	525600.000	67.848	16.787	152.834
37850.641	44892.535	30526.926	29.176	26.420
1.021				
8/17/2016 12:15:00 AM	526500.000	67.847	16.798	152.832
37844.895	44875.016	30515.014	29.164	26.424
1.021				
8/17/2016 12:30:00 AM	527400.000	67.849	16.782	152.837
37845.961	44892.070	30526.609	29.176	26.423
1.021				
8/17/2016 12:45:00 AM	528300.000	67.851	16.779	152.841
37830.398	44877.359	30516.607	29.165	26.434
1.021				
8/17/2016 1:00:00 AM	529200.000	67.852	16.786	152.843
37867.578	44913.871	30541.436	29.192	26.408
1.021				
8/17/2016 1:15:00 AM	530100.000	67.844	16.797	152.825
37851.305	44883.770	30520.963	29.171	26.419
1.021				
8/17/2016 1:30:00 AM	531000.000	67.845	16.783	152.828
37832.234	44875.520	30515.354	29.164	26.432
1.021				
8/17/2016 1:45:00 AM	531900.000	67.841	16.786	152.819
37878.480	44926.887	30550.285	29.201	26.400
1.021				
8/17/2016 2:00:00 AM	532800.000	67.842	16.791	152.821
37848.680	44886.723	30522.975	29.172	26.421
1.021				
8/17/2016 2:15:00 AM	533700.000	67.837	16.786	152.810

37856.227	44901.035	30532.707	29.182	26.416
1.021				
8/17/2016 2:30:00 AM	534600.000	67.834	16.777	152.803
37835.227	44885.141	30521.898	29.170	26.430
1.021				
8/17/2016 2:45:00 AM	535500.000	67.831	16.788	152.795
37864.441	44908.359	30537.688	29.188	26.410
1.021				
8/17/2016 3:00:00 AM	536400.000	67.825	16.784	152.782
37880.379	44931.469	30553.400	29.204	26.399
1.021				
8/17/2016 3:15:00 AM	537300.000	67.820	16.783	152.771
37872.098	44922.531	30547.322	29.198	26.405
1.021				
8/17/2016 3:30:00 AM	538200.000	67.816	16.791	152.763
37867.383	44908.547	30537.813	29.188	26.408
1.021				
8/17/2016 3:45:00 AM	539100.000	67.808	16.792	152.744
37861.918	44901.625	30533.107	29.183	26.412
1.021				
8/17/2016 4:00:00 AM	540000.000	67.801	16.790	152.729
37860.781	44901.516	30533.033	29.183	26.413
1.021				
8/17/2016 4:15:00 AM	540900.000	67.796	16.793	152.718
37837.289	44871.422	30512.568	29.161	26.429
1.021				
8/17/2016 4:30:00 AM	541800.000	67.792	16.786	152.708
37861.539	44906.438	30536.379	29.186	26.412
1.021				
8/17/2016 4:45:00 AM	542700.000	67.788	16.788	152.698
37840.320	44879.844	30518.297	29.167	26.427
1.021				
8/17/2016 5:00:00 AM	543600.000	67.779	16.790	152.680
37862.613	44903.969	30534.701	29.185	26.411
1.021				
8/17/2016 5:15:00 AM	544500.000	67.773	16.790	152.665
37848.590	44887.605	30523.572	29.173	26.421
1.021				
8/17/2016 5:30:00 AM	545400.000	67.767	16.785	152.651
37845.680	44888.969	30524.502	29.174	26.423
1.021				
8/17/2016 5:45:00 AM	546300.000	67.761	16.787	152.638
37847.414	44889.410	30524.799	29.174	26.422
1.021				
8/17/2016 6:00:00 AM	547200.000	67.756	16.782	152.626
37844.609	44890.828	30525.764	29.175	26.424
1.021				
8/17/2016 6:15:00 AM	548100.000	67.753	16.793	152.620
37854.715	44891.465	30526.199	29.176	26.417
1.021				
8/17/2016 6:30:00 AM	549000.000	67.749	16.786	152.610
37884.145	44933.520	30554.795	29.206	26.396
1.021				
8/17/2016 6:45:00 AM	549900.000	67.743	16.783	152.597
37854.648	44901.477	30533.004	29.183	26.417

1.021				
8/17/2016 7:00:00 AM	550800.000	67.738	16.786	152.587
37836.871	44877.277	30516.551	29.165	26.429
1.021				
8/17/2016 7:15:00 AM	551700.000	67.733	16.787	152.576
37841.035	44881.848	30519.656	29.169	26.426
1.021				
8/17/2016 7:30:00 AM	552600.000	67.734	16.790	152.577
37852.281	44891.613	30526.299	29.176	26.418
1.021				
8/17/2016 7:45:00 AM	553500.000	67.730	16.789	152.569
37822.574	44857.910	30503.379	29.151	26.439
1.021				
8/17/2016 8:00:00 AM	554400.000	67.729	16.790	152.566
37820.688	44854.691	30501.191	29.149	26.441
1.021				
8/17/2016 8:15:00 AM	555300.000	67.724	16.801	152.555
37853.734	44882.723	30520.254	29.170	26.417
1.021				
8/17/2016 8:30:00 AM	556200.000	67.726	16.790	152.560
37868.426	44910.762	30539.320	29.190	26.407
1.021				
8/17/2016 8:45:00 AM	557100.000	67.726	16.789	152.560
37866.723	44910.348	30539.037	29.189	26.408
1.021				
8/17/2016 9:00:00 AM	558000.000	67.728	16.790	152.563
37853.797	44893.594	30527.645	29.177	26.417
1.021				
8/17/2016 9:15:00 AM	558900.000	67.723	16.794	152.554
37871.551	44910.098	30538.867	29.189	26.405
1.021				
8/17/2016 9:30:00 AM	559800.000	67.728	16.787	152.563
37853.516	44896.293	30529.482	29.179	26.418
1.021				
8/17/2016 9:45:00 AM	560700.000	67.726	16.788	152.559
37862.840	44906.461	30536.396	29.186	26.411
1.021				
8/17/2016 10:00:00 AM	561600.000	67.730	16.794	152.568
37852.754	44888.438	30524.139	29.174	26.418
1.021				
8/17/2016 10:15:00 AM	562500.000	67.734	16.796	152.577
37858.035	44892.375	30526.814	29.177	26.414
1.021				
8/17/2016 10:30:00 AM	563400.000	67.736	16.790	152.582
37839.746	44876.570	30516.070	29.165	26.427
1.021				
8/17/2016 10:45:00 AM	564300.000	67.735	16.786	152.580
37829.703	44869.484	30511.252	29.160	26.434
1.021				
8/17/2016 11:00:00 AM	565200.000	67.738	16.793	152.586
37829.496	44861.305	30505.689	29.154	26.434
1.021				
8/17/2016 11:15:00 AM	566100.000	67.742	16.798	152.596
37865.301	44899.211	30531.463	29.182	26.409
1.021				

8/17/2016 11:30:00 AM	567000.000	67.742	16.787	152.596
37842.684	44883.801	30520.986	29.170	26.425
1.021				
8/17/2016 11:45:00 AM	567900.000	67.749	16.792	152.610
37852.219	44889.406	30524.797	29.174	26.419
1.021				
8/17/2016 12:00:00 PM	568800.000	67.749	16.790	152.612
37849.094	44888.105	30523.914	29.173	26.421
1.021				
8/17/2016 12:15:00 PM	569700.000	67.750	16.790	152.613
37865.332	44906.914	30536.703	29.187	26.409
1.021				
8/17/2016 12:30:00 PM	570600.000	67.754	16.795	152.622
37843.922	44876.531	30516.043	29.165	26.424
1.021				
8/17/2016 12:45:00 PM	571500.000	67.756	16.788	152.628
37860.750	44903.445	30534.346	29.184	26.413
1.021				
8/17/2016 1:00:00 PM	572400.000	67.757	16.791	152.630
37875.129	44917.555	30543.939	29.195	26.403
1.021				
8/17/2016 1:15:00 PM	573300.000	67.758	16.793	152.632
37847.484	44883.344	30520.676	29.170	26.422
1.021				
8/17/2016 1:30:00 PM	574200.000	67.760	16.796	152.637
37830.844	44860.750	30505.313	29.154	26.433
1.021				
8/17/2016 1:45:00 PM	575100.000	67.763	16.793	152.643
37866.504	44905.898	30536.012	29.186	26.409
1.021				
8/17/2016 2:00:00 PM	576000.000	67.766	16.791	152.648
37863.879	44904.293	30534.922	29.185	26.410
1.021				
8/17/2016 2:15:00 PM	576900.000	67.766	16.793	152.649
37842.996	44878.020	30517.053	29.166	26.425
1.021				
8/17/2016 2:30:00 PM	577800.000	67.767	16.791	152.651
37865.016	44905.824	30535.963	29.186	26.410
1.021				
8/17/2016 2:45:00 PM	578700.000	67.769	16.791	152.656
37831.383	44866.211	30509.025	29.158	26.433
1.021				
8/17/2016 3:00:00 PM	579600.000	67.772	16.783	152.663
37854.207	44901.223	30532.834	29.182	26.417
1.021				
8/17/2016 3:15:00 PM	580500.000	67.770	16.791	152.659
37853.895	44892.824	30527.123	29.177	26.417
1.021				
8/17/2016 3:30:00 PM	581400.000	67.764	16.798	152.645
37845.738	44875.926	30515.631	29.165	26.423
1.021				
8/17/2016 3:45:00 PM	582300.000	67.766	16.793	152.649
37859.199	44896.531	30529.643	29.180	26.414
1.021				
8/17/2016 4:00:00 PM	583200.000	67.764	16.793	152.646

37848.148	44883.512	30520.791	29.170	26.421
1.021				
8/17/2016 4:15:00 PM	584100.000	67.765	16.796	152.647
37876.902	44915.188	30542.330	29.193	26.401
1.021				
8/17/2016 4:30:00 PM	585000.000	67.781	16.799	152.684
37871.363	44905.590	30535.803	29.186	26.405
1.021				
8/17/2016 4:45:00 PM	585900.000	67.779	16.801	152.678
37856.199	44885.113	30521.879	29.172	26.416
1.021				
8/17/2016 5:00:00 PM	586800.000	67.763	16.798	152.644
37894.855	44933.805	30554.988	29.207	26.389
1.021				
8/17/2016 5:15:00 PM	587700.000	67.763	16.784	152.643
37870.230	44918.801	30544.787	29.195	26.406
1.021				
8/17/2016 5:30:00 PM	588600.000	67.762	16.796	152.641
37856.039	44889.922	30525.148	29.175	26.416
1.021				
8/17/2016 5:45:00 PM	589500.000	67.756	16.801	152.627
37849.059	44877.277	30516.551	29.166	26.421
1.021				
8/17/2016 6:00:00 PM	590400.000	67.759	16.787	152.633
37847.770	44889.656	30524.969	29.174	26.422
1.021				
8/17/2016 6:15:00 PM	591300.000	67.761	16.786	152.638
37837.844	44879.047	30517.754	29.166	26.429
1.021				
8/17/2016 6:30:00 PM	592200.000	67.760	16.780	152.637
37847.039	44895.484	30528.930	29.178	26.422
1.021				
8/17/2016 6:45:00 PM	593100.000	67.760	16.807	152.637
37892.930	44922.504	30547.305	29.199	26.390
1.021				
8/17/2016 7:00:00 PM	594000.000	67.761	16.792	152.638
37862.551	44901.926	30533.313	29.183	26.411
1.021				
8/17/2016 7:15:00 PM	594900.000	67.775	16.797	152.670
37857.781	44891.012	30525.891	29.176	26.415
1.021				
8/17/2016 7:30:00 PM	595800.000	67.776	16.794	152.673
37860.367	44897.637	30530.395	29.180	26.413
1.021				
8/17/2016 7:45:00 PM	596700.000	67.761	16.794	152.638
37896.754	44940.164	30559.314	29.211	26.387
1.021				
8/17/2016 8:00:00 PM	597600.000	67.775	16.795	152.671
37853.797	44888.961	30524.496	29.174	26.417
1.021				
8/17/2016 8:15:00 PM	598500.000	67.767	16.792	152.652
37844.512	44880.168	30518.514	29.168	26.424
1.021				
8/17/2016 8:30:00 PM	599400.000	67.771	16.788	152.660
37849.758	44890.945	30525.844	29.175	26.420

1.021				
8/17/2016 8:45:00 PM	600300.000	67.769	16.792	152.656
37837.324	44872.371	30513.215	29.162	26.429
1.021				
8/17/2016 9:00:00 PM	601200.000	67.770	16.788	152.659
37861.445	44905.168	30535.516	29.185	26.412
1.021				
8/17/2016 9:15:00 PM	602100.000	67.771	16.794	152.660
37840.949	44873.809	30514.191	29.163	26.426
1.021				
8/17/2016 9:30:00 PM	603000.000	67.775	16.791	152.670
37850.578	44888.703	30524.320	29.174	26.420
1.021				
8/17/2016 9:45:00 PM	603900.000	67.782	16.788	152.686
37865.496	44909.523	30538.479	29.189	26.409
1.021				
8/17/2016 10:00:00 PM	604800.000	67.781	16.786	152.683
37834.695	44874.777	30514.852	29.163	26.431
1.021				
8/17/2016 10:15:00 PM	605700.000	67.788	16.787	152.699
37861.445	44905.977	30536.066	29.186	26.412
1.021				
8/17/2016 10:30:00 PM	606600.000	67.791	16.792	152.705
37855.281	44893.566	30527.627	29.177	26.416
1.021				
8/17/2016 10:45:00 PM	607500.000	67.795	16.796	152.714
37856.801	44891.180	30526.002	29.176	26.415
1.021				
8/17/2016 11:00:00 PM	608400.000	67.796	16.797	152.716
37856.961	44890.477	30525.523	29.175	26.415
1.021				
8/17/2016 11:15:00 PM	609300.000	67.797	16.792	152.720
37857.523	44896.148	30529.383	29.179	26.415
1.021				
8/17/2016 11:30:00 PM	610200.000	67.806	16.790	152.739
37811.262	44843.148	30493.344	29.141	26.447
1.021				
8/17/2016 11:45:00 PM	611100.000	67.807	16.788	152.741
37853.133	44894.680	30528.385	29.178	26.418
1.021				

Report Date: 8/19/2016 12:30:45 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9S LT Test_2016-08-17_12-41-49-572-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

Device: Aqua TROLL 200
Site: MPWSP MW-9S
Device Name:
Serial Number: 428901
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-9S LT Test
Created By: KMakar
Computer Name: PROBOOK10
Application: WinSitu.exe
Application Version: 5.6.25.0
Create Date: 1/14/2016 6:28:09 PM Pacific Standard Time
Log Setup Time Zone: Pacific Standard Time
Notes Size(bytes): 4096
Overwrite when full: Enabled
Scheduled Start Time: 1/15/2016 7:00:00 AM Pacific Standard Time
Scheduled Stop Time: No Stop Time
Type: Linear
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

Depth of Probe: 31.3173 (ft)
Head Pressure: 13.7398 (PSI)
Temperature: 18.5758 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
1/14/2016 6:28:16 PM	Used Battery: 2% Used Memory: 3% User Name: KMakar
1/15/2016 10:00:13 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/21/2016 8:46:17 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:00:56 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 9:00:00 AM
2/4/2016 10:05:20 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start
Time: 1/15/2016 7:00:00 AM	Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 9:53:29 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start
Time: 2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 10:45:00 AM
2/18/2016 11:44:32 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start
Time: 2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 11:45:00 AM
2/25/2016 11:30:42 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 11:30:00 AM
3/3/2016 12:42:07 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start
Time: 1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 1:30:00 PM
3/10/2016 2:28:02 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 2:15:00 PM
3/17/2016 11:08:43 AM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM	Stop Time: 3/17/2016 12:00:00 PM
3/17/2016 12:19:12 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM	Stop Time: 3/17/2016 12:00:00 PM
3/17/2016 12:20:07 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM	Stop Time: 3/17/2016 1:00:00 PM
3/17/2016 4:20:09 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: SKuiper Interval - Start
Time: 3/8/2016 12:00:01 AM	Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 8:41:30 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start
Time: 3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 8:30:00 AM
3/31/2016 2:54:14 PM	Log Download - Used Battery: 6% Used Memory: 10% User Name: SKuiper Interval - Start
Time: 3/22/2016 12:00:00 PM	Stop Time: 3/31/2016 3:45:00 PM
4/7/2016 9:20:20 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start
Time: 2/29/2016 5:00:00 PM	Stop Time: 4/7/2016 9:15:00 AM
4/14/2016 3:52:12 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: SKuiper Interval - Start
Time: 4/5/2016 12:00:00 PM	Stop Time: 4/14/2016 3:45:00 PM
4/21/2016 2:00:30 PM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ELinden Interval - Start
Time: 4/12/2016 1:30:00 PM	Stop Time: 4/21/2016 3:00:00 PM
4/28/2016 9:30:48 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start
Time: 4/19/2016 5:00:00 PM	Stop Time: 4/28/2016 9:30:00 AM
5/5/2016 9:04:00 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 3/31/2016 12:00:00 PM	Stop Time: 5/5/2016 10:00:00 AM
5/12/2016 9:57:24 AM	Log Download - Used Battery: 8% Used Memory: 15% User Name: SKuiper Interval - Start
Time: 5/3/2016 12:00:00 PM	Stop Time: 5/12/2016 9:45:00 AM
5/19/2016 1:37:14 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: ELinden Interval - Start
Time: 5/10/2016 12:00:00 PM	Stop Time: 5/19/2016 2:30:00 PM
5/26/2016 8:55:25 AM	Log Download - Used Battery: 9% Used Memory: 17% User Name: SKuiper Interval - Start
Time: 5/17/2016 6:00:00 PM	Stop Time: 5/26/2016 9:45:00 AM
6/2/2016 11:22:54 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start
Time: 4/30/2016 10:00:00 PM	Stop Time: 6/2/2016 11:15:00 AM
6/9/2016 9:24:58 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start
Time: 5/31/2016 5:00:00 AM	Stop Time: 6/9/2016 10:15:00 AM
6/16/2016 11:01:34 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: SKuiper Interval - Start
Time: 6/7/2016 10:30:00 PM	Stop Time: 6/16/2016 11:00:00 AM

6/23/2016 9:53:44 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: SKuiper Interval - Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 9:45:00 AM
7/1/2016 11:27:44 AM Log Download - Used Battery: 10% Used Memory: 21% User Name: SKuiper Interval - Start Time: 5/31/2016 10:00:00 PM Stop Time: 7/1/2016 11:15:00 AM
7/8/2016 11:40:11 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: SKuiper Interval - Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 11:30:00 AM
7/14/2016 5:36:05 PM Log Download - Used Battery: 11% Used Memory: 23% User Name: ELinden Interval - Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 6:30:00 PM
7/21/2016 9:25:30 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 1:05:00 PM
7/21/2016 5:09:31 PM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/21/2016 5:00:00 PM
7/28/2016 6:00:56 PM Log Download - Used Battery: 12% Used Memory: 25% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 6:45:00 PM
8/4/2016 2:40:41 PM Log Download - Used Battery: 12% Used Memory: 26% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 2:30:00 PM
8/11/2016 10:25:17 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 11:15:00 AM
8/17/2016 12:40:58 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/17/2016 8:35:00 PM
8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 635

Sensors: 2

1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 197.3ft
SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
SN#: 000000	SN#: 428901	SN#: 428901	SN#: 428901

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
8/11/2016 12:00:00 AM	7200.000	25.813	16.904	58.836
4244.109	5020.490	2.720	3413.933	235.621
1.001	14.708			
8/11/2016 12:15:00 AM	8100.000	25.809	16.904	58.826
1479.488	1750.129	0.894	1190.088	675.910
0.999	14.716			
8/11/2016 12:30:00 AM	9000.000	25.807	16.903	58.823
4267.553	5048.253	2.736	3432.812	234.326
1.001	14.713			
8/11/2016 12:45:00 AM	9900.000	25.806	16.904	58.820
1480.008	1750.734	0.894	1190.499	675.672

0.999	14.715			
8/11/2016 1:00:00 AM	10800.000	25.802	16.904	58.811
4224.933	4997.726	2.707	3398.453	236.690
1.001	14.718			
8/11/2016 1:15:00 AM	11700.000	25.807	16.904	58.821
1479.097	1749.659	0.894	1189.768	676.088
0.999	14.711			
8/11/2016 1:30:00 AM	12600.000	25.807	16.904	58.822
4232.540	5006.736	2.712	3404.581	236.265
1.001	14.715			
8/11/2016 1:45:00 AM	13500.000	25.812	16.904	58.833
1479.648	1750.288	0.894	1190.196	675.836
0.999	14.713			
8/11/2016 2:00:00 AM	14400.000	25.809	16.904	58.827
4216.660	4987.980	2.702	3391.827	237.155
1.001	14.715			
8/11/2016 2:15:00 AM	15300.000	25.809	16.903	58.826
1480.370	1751.190	0.895	1190.809	675.507
0.999	14.714			
8/11/2016 2:30:00 AM	16200.000	25.805	16.904	58.818
4210.050	4980.151	2.697	3386.503	237.527
1.001	14.717			
8/11/2016 2:45:00 AM	17100.000	25.808	16.905	58.824
1479.480	1750.085	0.894	1190.058	675.913
0.999	14.716			
8/11/2016 3:00:00 AM	18000.000	25.803	16.904	58.812
4206.959	4976.524	2.695	3384.037	237.701
1.001	14.718			
8/11/2016 3:15:00 AM	18900.000	25.806	16.904	58.819
1479.748	1750.440	0.894	1190.299	675.791
0.999	14.715			
8/11/2016 3:30:00 AM	19800.000	25.807	16.904	58.822
4207.448	4977.054	2.695	3384.397	237.674
1.001	14.714			
8/11/2016 3:45:00 AM	20700.000	25.804	16.904	58.815
1479.921	1750.641	0.894	1190.436	675.712
0.999	14.714			
8/11/2016 4:00:00 AM	21600.000	25.807	16.904	58.821
4201.731	4970.350	2.691	3379.838	237.997
1.001	14.713			
8/11/2016 4:15:00 AM	22500.000	25.799	16.904	58.803
1480.008	1750.731	0.894	1190.497	675.672
0.999	14.715			
8/11/2016 4:30:00 AM	23400.000	25.805	16.904	58.818
4193.169	4960.134	2.686	3372.891	238.483
1.001	14.710			
8/11/2016 4:45:00 AM	24300.000	25.811	16.904	58.830
1480.977	1751.890	0.895	1191.286	675.230
0.999	14.709			
8/11/2016 5:00:00 AM	25200.000	25.807	16.903	58.821
4214.291	4985.276	2.700	3389.988	237.288
1.001	14.713			
8/11/2016 5:15:00 AM	26100.000	25.799	16.904	58.805
1479.536	1750.179	0.894	1190.122	675.887
0.999	14.721			
8/11/2016 5:30:00 AM	27000.000	25.809	16.904	58.826
4219.813	4991.670	2.704	3394.336	236.977

1.001	14.713			
8/11/2016 5:45:00 AM	27900.000	25.807	16.905	58.822
1479.062	1749.577	0.894	1189.712	676.104
0.999	14.713			
8/11/2016 6:00:00 AM	28800.000	25.804	16.904	58.815
4196.046	4963.625	2.688	3375.265	238.320
1.001	14.718			
8/11/2016 6:15:00 AM	29700.000	25.805	16.904	58.818
1480.665	1751.495	0.895	1191.016	675.372
0.999	14.723			
8/11/2016 6:30:00 AM	30600.000	25.809	16.904	58.826
4201.063	4969.559	2.691	3379.300	238.035
1.001	14.718			
8/11/2016 6:45:00 AM	31500.000	25.803	16.905	58.813
1481.486	1752.447	0.895	1191.664	674.998
0.999	14.728			
8/11/2016 7:00:00 AM	32400.000	25.801	16.904	58.808
4205.085	4974.308	2.694	3382.530	237.807
1.001	14.732			
8/11/2016 7:15:00 AM	33300.000	25.796	16.904	58.798
1479.625	1750.281	0.894	1190.192	675.847
0.999	14.733			
8/11/2016 7:30:00 AM	34200.000	25.803	16.904	58.814
4214.226	4985.090	2.700	3389.862	237.292
1.001	14.734			
8/11/2016 7:45:00 AM	35100.000	25.800	16.904	58.807
1479.490	1750.111	0.894	1190.076	675.909
0.999	14.740			
8/11/2016 8:00:00 AM	36000.000	25.797	16.904	58.800
4208.929	4978.844	2.696	3385.614	237.590
1.001	14.745			
8/11/2016 8:15:00 AM	36900.000	25.795	16.904	58.795
1479.828	1750.501	0.894	1190.341	675.754
0.999	14.744			
8/11/2016 8:30:00 AM	37800.000	25.793	16.904	58.790
4206.979	4976.547	2.695	3384.052	237.700
1.001	14.748			
8/11/2016 8:45:00 AM	38700.000	25.794	16.905	58.793
1480.538	1751.336	0.895	1190.909	675.430
0.999	14.746			
8/11/2016 9:00:00 AM	39600.000	25.799	16.904	58.805
4210.238	4980.413	2.697	3386.681	237.516
1.001	14.748			
8/11/2016 9:15:00 AM	40500.000	25.800	16.904	58.806
1480.189	1750.942	0.894	1190.641	675.589
0.999	14.750			
8/11/2016 9:30:00 AM	41400.000	25.799	16.904	58.805
4241.737	5017.674	2.719	3412.019	235.752
1.001	14.753			
8/11/2016 9:45:00 AM	42300.000	25.801	16.904	58.809
1480.282	1751.041	0.895	1190.708	675.547
0.999	14.754			
8/11/2016 10:00:00 AM	43200.000	25.795	16.904	58.796
4227.610	5000.952	2.709	3400.648	236.540
1.001	14.758			
8/11/2016 10:15:00 AM	44100.000	25.798	16.904	58.802
1480.742	1751.606	0.895	1191.092	675.337

0.999	14.756			
8/11/2016 10:30:00 AM	45000.000	25.795	16.905	58.796
1373.916	1625.209	0.827	1105.142	727.847
0.999	14.759			
8/11/2016 10:45:00 AM	45900.000	25.796	16.903	58.797
4251.534	5029.293	2.725	3419.920	235.209
1.001	14.760			
8/11/2016 11:00:00 AM	46800.000	25.797	16.904	58.799
1505.396	1780.763	0.910	1210.919	664.277
0.999	14.762			
8/11/2016 11:15:00 AM	47700.000	25.805	16.904	58.817
4313.333	5102.347	2.768	3469.596	231.839
1.001	14.756			
8/11/2016 11:30:00 AM	48600.000	25.798	16.904	58.802
1480.360	1751.154	0.895	1190.785	675.511
0.999	14.756			
8/11/2016 11:45:00 AM	49500.000	25.794	16.904	58.792
4398.708	5203.338	2.826	3538.270	227.340
1.001	14.762			
8/11/2016 12:00:00 PM	50400.000	25.798	16.904	58.802
1480.560	1751.384	0.895	1190.941	675.420
0.999	14.760			
8/11/2016 12:15:00 PM	51300.000	25.805	16.904	58.818
4421.830	5230.690	2.842	3556.870	226.151
1.001	14.760			
8/11/2016 12:30:00 PM	52200.000	25.799	16.904	58.805
1490.285	1762.897	0.901	1198.770	671.013
0.999	14.757			
8/11/2016 12:45:00 PM	53100.000	25.799	16.904	58.803
3951.492	4674.308	2.521	3178.530	253.069
1.001	14.759			
8/11/2016 1:00:00 PM	54000.000	25.798	16.904	58.801
1483.616	1754.992	0.897	1193.394	674.029
0.999	14.758			
8/11/2016 1:15:00 PM	54900.000	25.808	16.904	58.824
3956.470	4680.232	2.525	3182.558	252.751
1.001	14.750			
8/11/2016 1:30:00 PM	55800.000	25.797	16.904	58.800
1483.404	1754.741	0.896	1193.224	674.125
0.999	14.759			
8/11/2016 1:45:00 PM	56700.000	25.809	16.904	58.826
3987.615	4717.076	2.546	3207.612	250.776
1.001	14.752			
8/11/2016 2:00:00 PM	57600.000	25.796	16.904	58.797
1484.443	1755.994	0.897	1194.076	673.653
0.999	14.760			
8/11/2016 2:15:00 PM	58500.000	25.798	16.903	58.801
4022.039	4757.852	2.569	3235.339	248.630
1.001	14.758			
8/11/2016 2:30:00 PM	59400.000	25.801	16.904	58.808
1484.271	1755.791	0.897	1193.938	673.731
0.999	14.755			
8/11/2016 2:45:00 PM	60300.000	25.790	16.904	58.784
4013.809	4748.061	2.564	3228.682	249.140
1.001	14.764			
8/11/2016 3:00:00 PM	61200.000	25.795	16.903	58.795
1482.605	1753.827	0.896	1192.602	674.489

0.999	14.755			
8/11/2016 3:15:00 PM	62100.000	25.802	16.904	58.812
4051.522	4792.644	2.589	3258.998	246.821
1.001	14.753			
8/11/2016 3:30:00 PM	63000.000	25.796	16.903	58.796
1484.296	1755.841	0.897	1193.972	673.720
0.999	14.754			
8/11/2016 3:45:00 PM	63900.000	25.800	16.904	58.806
4039.608	4778.570	2.581	3249.427	247.549
1.001	14.751			
8/11/2016 4:00:00 PM	64800.000	25.804	16.904	58.816
1483.246	1754.568	0.896	1193.106	674.197
0.999	14.747			
8/11/2016 4:15:00 PM	65700.000	25.792	16.903	58.787
4062.177	4805.296	2.597	3267.602	246.173
1.001	14.754			
8/11/2016 4:30:00 PM	66600.000	25.800	16.904	58.805
1483.832	1755.250	0.897	1193.570	673.931
0.999	14.746			
8/11/2016 4:45:00 PM	67500.000	25.799	16.904	58.804
4033.401	4771.180	2.577	3244.402	247.930
1.001	14.747			
8/11/2016 5:00:00 PM	68400.000	25.799	16.904	58.804
1483.023	1754.301	0.896	1192.925	674.298
0.999	14.747			
8/11/2016 5:15:00 PM	69300.000	25.801	16.904	58.809
4073.490	4818.649	2.604	3276.682	245.490
1.001	14.741			
8/11/2016 5:30:00 PM	70200.000	25.799	16.904	58.803
1483.800	1755.230	0.897	1193.556	673.945
0.999	14.746			
8/11/2016 5:45:00 PM	71100.000	25.806	16.904	58.819
4064.994	4808.599	2.598	3269.848	246.003
1.001	14.742			
8/11/2016 6:00:00 PM	72000.000	25.807	16.903	58.822
1485.335	1757.060	0.898	1194.801	673.249
0.999	14.741			
8/11/2016 6:15:00 PM	72900.000	25.797	16.903	58.799
4056.301	4798.354	2.593	3262.881	246.530
1.001	14.744			
8/11/2016 6:30:00 PM	73800.000	25.804	16.904	58.815
1484.578	1756.143	0.897	1194.177	673.592
0.999	14.741			
8/11/2016 6:45:00 PM	74700.000	25.807	16.904	58.822
4046.590	4786.801	2.586	3255.025	247.122
1.001	14.735			
8/11/2016 7:00:00 PM	75600.000	25.800	16.904	58.807
1485.063	1756.728	0.898	1194.575	673.372
0.999	14.739			
8/11/2016 7:15:00 PM	76500.000	25.799	16.904	58.804
4064.327	4807.800	2.598	3269.304	246.043
1.001	14.739			
8/11/2016 7:30:00 PM	77400.000	25.799	16.904	58.805
1484.759	1756.357	0.897	1194.323	673.510
0.999	14.741			
8/11/2016 7:45:00 PM	78300.000	25.803	16.904	58.812
4051.021	4792.070	2.589	3258.608	246.851

1.001	14.738			
8/11/2016 8:00:00 PM	79200.000	25.806	16.904	58.821
1483.769	1755.189	0.897	1193.529	673.960
0.999	14.739			
8/11/2016 8:15:00 PM	80100.000	25.794	16.904	58.794
4031.201	4768.625	2.575	3242.665	248.065
1.001	14.746			
8/11/2016 8:30:00 PM	81000.000	25.796	16.903	58.798
1484.250	1755.770	0.897	1193.924	673.741
0.999	14.744			
8/11/2016 8:45:00 PM	81900.000	25.803	16.903	58.812
4039.581	4778.558	2.581	3249.419	247.550
1.001	14.739			
8/11/2016 9:00:00 PM	82800.000	25.805	16.903	58.819
1484.906	1756.567	0.897	1194.466	673.443
0.999	14.739			
8/11/2016 9:15:00 PM	83700.000	25.806	16.904	58.820
4061.601	4804.547	2.596	3267.093	246.208
1.001	14.743			
8/11/2016 9:30:00 PM	84600.000	25.796	16.903	58.797
1488.607	1760.927	0.900	1197.430	671.769
0.999	14.749			
8/11/2016 9:45:00 PM	85500.000	25.800	16.904	58.807
3941.428	4662.420	2.515	3170.446	253.715
1.001	14.748			
8/11/2016 10:00:00 PM	86400.000	25.802	16.904	58.811
1490.349	1762.980	0.901	1198.827	670.984
0.999	14.747			
8/11/2016 10:15:00 PM	87300.000	25.798	16.903	58.802
3966.560	4692.206	2.532	3190.700	252.108
1.001	14.748			
8/11/2016 10:30:00 PM	88200.000	25.807	16.903	58.823
1492.082	1765.037	0.902	1200.225	670.205
0.999	14.745			
8/11/2016 10:45:00 PM	89100.000	25.794	16.903	58.792
4016.634	4751.422	2.566	3230.967	248.965
1.001	14.748			
8/11/2016 11:00:00 PM	90000.000	25.805	16.903	58.818
1483.318	1754.674	0.896	1193.178	674.164
0.999	14.743			
8/11/2016 11:15:00 PM	90900.000	25.797	16.903	58.800
4012.514	4746.540	2.563	3227.647	249.220
1.001	14.747			
8/11/2016 11:30:00 PM	91800.000	25.802	16.904	58.810
1485.084	1756.752	0.898	1194.592	673.363
0.999	14.748			
8/11/2016 11:45:00 PM	92700.000	25.806	16.904	58.819
4032.632	4770.298	2.576	3243.803	247.977
1.001	14.747			
8/12/2016 12:00:00 AM	93600.000	25.802	16.904	58.811
1485.876	1757.683	0.898	1195.224	673.003
0.999	14.748			
8/12/2016 12:15:00 AM	94500.000	25.795	16.904	58.795
4039.649	4778.627	2.581	3249.467	247.546
1.001	14.748			
8/12/2016 12:30:00 AM	95400.000	25.795	16.903	58.796
1486.539	1758.477	0.898	1195.765	672.704

0.999	14.749			
8/12/2016 12:45:00 AM	96300.000	25.795	16.903	58.795
4033.965	4771.951	2.577	3244.927	247.895
1.001	14.750			
8/12/2016 1:00:00 AM	97200.000	25.801	16.903	58.810
1486.123	1757.989	0.898	1195.432	672.892
0.999	14.746			
8/12/2016 1:15:00 AM	98100.000	25.802	16.904	58.812
4089.680	4837.791	2.615	3289.698	244.518
1.001	14.744			
8/12/2016 1:30:00 AM	99000.000	25.809	16.904	58.826
1488.053	1760.254	0.899	1196.973	672.019
0.999	14.746			
8/12/2016 1:45:00 AM	99900.000	25.794	16.903	58.793
4078.346	4824.442	2.608	3280.621	245.197
1.001	14.749			
8/12/2016 2:00:00 AM	100800.000	25.806	16.904	58.820
1487.503	1759.603	0.899	1196.530	672.268
0.999	14.743			
8/12/2016 2:15:00 AM	101700.000	25.798	16.904	58.802
4042.001	4781.400	2.583	3251.352	247.402
1.001	14.744			
8/12/2016 2:30:00 AM	102600.000	25.798	16.904	58.802
1487.095	1759.124	0.899	1196.204	672.452
0.999	14.746			
8/12/2016 2:45:00 AM	103500.000	25.799	16.904	58.805
4022.210	4757.979	2.569	3235.426	248.620
1.001	14.742			
8/12/2016 3:00:00 AM	104400.000	25.813	16.903	58.835
1487.106	1759.159	0.899	1196.228	672.447
0.999	14.736			
8/12/2016 3:15:00 AM	105300.000	25.803	16.903	58.812
4041.868	4781.271	2.583	3251.265	247.410
1.001	14.736			
8/12/2016 3:30:00 AM	106200.000	25.791	16.903	58.785
1487.589	1759.730	0.899	1196.617	672.228
0.999	14.744			
8/12/2016 3:45:00 AM	107100.000	25.799	16.904	58.803
4093.352	4842.135	2.618	3292.652	244.299
1.001	14.739			
8/12/2016 4:00:00 AM	108000.000	25.798	16.904	58.801
1488.662	1760.971	0.900	1197.460	671.744
0.999	14.743			
8/12/2016 4:15:00 AM	108900.000	25.803	16.904	58.812
4074.874	4820.277	2.605	3277.789	245.406
1.001	14.736			
8/12/2016 4:30:00 AM	109800.000	25.799	16.903	58.804
1487.219	1759.302	0.899	1196.326	672.396
0.999	14.742			
8/12/2016 4:45:00 AM	110700.000	25.803	16.903	58.812
4040.097	4779.186	2.582	3249.847	247.519
1.001	14.737			
8/12/2016 5:00:00 AM	111600.000	25.795	16.904	58.796
1487.567	1759.679	0.899	1196.582	672.239
0.999	14.742			
8/12/2016 5:15:00 AM	112500.000	25.800	16.903	58.806
4061.799	4804.868	2.596	3267.310	246.196

1.001	14.744			
8/12/2016 5:30:00 AM	113400.000	25.796	16.903	58.797
1487.366	1759.466	0.899	1196.437	672.329
0.999	14.746			
8/12/2016 5:45:00 AM	114300.000	25.797	16.904	58.800
4047.354	4787.714	2.586	3255.646	247.075
1.001	14.748			
8/12/2016 6:00:00 AM	115200.000	25.792	16.903	58.788
1487.659	1759.802	0.899	1196.666	672.197
0.999	14.751			
8/12/2016 6:15:00 AM	116100.000	25.802	16.904	58.811
4016.966	4751.786	2.566	3231.215	248.944
1.001	14.745			
8/12/2016 6:30:00 AM	117000.000	25.795	16.903	58.795
1486.744	1758.730	0.899	1195.936	672.611
0.999	14.750			
8/12/2016 6:45:00 AM	117900.000	25.799	16.904	58.803
4018.522	4753.599	2.567	3232.447	248.848
1.001	14.751			
8/12/2016 7:00:00 AM	118800.000	25.795	16.904	58.795
1487.016	1759.025	0.899	1196.137	672.488
0.999	14.755			
8/12/2016 7:15:00 AM	119700.000	25.795	16.904	58.795
4027.920	4764.734	2.573	3240.020	248.267
1.001	14.758			
8/12/2016 7:30:00 AM	120600.000	25.798	16.903	58.801
1487.625	1759.776	0.899	1196.648	672.212
0.999	14.760			
8/12/2016 7:45:00 AM	121500.000	25.791	16.903	58.787
4049.383	4790.199	2.588	3257.335	246.951
1.001	14.765			
8/12/2016 8:00:00 AM	122400.000	25.798	16.903	58.801
1485.279	1757.004	0.898	1194.763	673.274
0.999	14.758			
8/12/2016 8:15:00 AM	123300.000	25.787	16.904	58.777
4070.350	4814.897	2.602	3274.131	245.679
1.001	14.768			
8/12/2016 8:30:00 AM	124200.000	25.796	16.903	58.798
1486.573	1758.525	0.899	1195.797	672.688
0.999	14.763			
8/12/2016 8:45:00 AM	125100.000	25.797	16.903	58.799
4054.115	4795.750	2.591	3261.111	246.663
1.001	14.759			
8/12/2016 9:00:00 AM	126000.000	25.800	16.904	58.806
1486.439	1758.352	0.898	1195.679	672.749
0.999	14.761			
8/12/2016 9:15:00 AM	126900.000	25.802	16.903	58.810
4072.287	4817.246	2.603	3275.728	245.562
1.001	14.764			
8/12/2016 9:30:00 AM	127800.000	25.795	16.904	58.796
1485.220	1756.882	0.898	1194.680	673.301
0.999	14.765			
8/12/2016 9:45:00 AM	128700.000	25.800	16.903	58.805
4064.198	4807.687	2.598	3269.227	246.051
1.001	14.764			
8/12/2016 10:00:00 AM	129600.000	25.788	16.903	58.778
1485.310	1757.037	0.898	1194.785	673.260

0.999	14.768			
8/12/2016 10:15:00 AM	130500.000	25.796	16.903	58.797
4077.902	4823.917	2.607	3280.264	245.224
1.001	14.766			
8/12/2016 10:30:00 AM	131400.000	25.801	16.904	58.810
1485.412	1757.124	0.898	1194.844	673.214
0.999	14.759			
8/12/2016 10:45:00 AM	132300.000	25.795	16.903	58.794
4048.217	4788.801	2.587	3256.385	247.022
1.001	14.766			
8/12/2016 11:00:00 AM	133200.000	25.790	16.903	58.783
1485.121	1756.803	0.898	1194.626	673.346
0.999	14.770			
8/12/2016 11:15:00 AM	134100.000	25.792	16.904	58.788
4039.905	4778.931	2.581	3249.673	247.531
1.001	14.767			
8/12/2016 11:30:00 AM	135000.000	25.796	16.904	58.796
1485.899	1757.716	0.898	1195.247	672.993
0.999	14.764			
8/12/2016 11:45:00 AM	135900.000	25.802	16.904	58.811
4063.784	4807.149	2.598	3268.862	246.076
1.001	14.763			
8/12/2016 12:00:00 PM	136800.000	25.796	16.904	58.797
1485.142	1756.818	0.898	1194.636	673.336
0.999	14.768			
8/12/2016 12:15:00 PM	137700.000	25.792	16.903	58.787
4037.167	4775.711	2.580	3247.484	247.698
1.001	14.767			
8/12/2016 12:30:00 PM	138600.000	25.793	16.903	58.790
1484.487	1756.060	0.897	1194.121	673.633
0.999	14.769			
8/12/2016 12:45:00 PM	139500.000	25.796	16.903	58.796
4018.734	4753.953	2.567	3232.688	248.835
1.001	14.767			
8/12/2016 1:00:00 PM	140400.000	25.801	16.903	58.808
1484.354	1755.903	0.897	1194.014	673.694
0.999	14.764			
8/12/2016 1:15:00 PM	141300.000	25.803	16.903	58.813
4014.482	4748.923	2.564	3229.268	249.098
1.001	14.758			
8/12/2016 1:30:00 PM	142200.000	25.800	16.903	58.806
1483.518	1754.921	0.897	1193.346	674.073
0.999	14.760			
8/12/2016 1:45:00 PM	143100.000	25.795	16.904	58.795
4012.615	4746.638	2.563	3227.714	249.214
1.001	14.760			
8/12/2016 2:00:00 PM	144000.000	25.794	16.904	58.793
1484.410	1755.948	0.897	1194.044	673.668
0.999	14.763			
8/12/2016 2:15:00 PM	144900.000	25.797	16.903	58.800
4013.980	4748.282	2.564	3228.832	249.129
1.001	14.760			
8/12/2016 2:30:00 PM	145800.000	25.805	16.903	58.817
1485.412	1757.148	0.898	1194.860	673.214
0.999	14.761			
8/12/2016 2:45:00 PM	146700.000	25.801	16.904	58.808
4040.934	4780.138	2.582	3250.494	247.468

1.001	14.759			
8/12/2016 3:00:00 PM	147600.000	25.795	16.903	58.795
1495.647	1769.269	0.904	1203.103	668.607
0.999	14.759			
8/12/2016 3:15:00 PM	148500.000	25.795	16.903	58.796
4037.572	4776.227	2.580	3247.834	247.674
1.001	14.757			
8/12/2016 3:30:00 PM	149400.000	25.797	16.903	58.799
1494.819	1768.286	0.904	1202.435	668.977
0.999	14.758			
8/12/2016 3:45:00 PM	150300.000	25.801	16.903	58.809
4040.461	4779.656	2.582	3250.166	247.496
1.001	14.753			
8/12/2016 4:00:00 PM	151200.000	25.792	16.903	58.788
1494.544	1767.963	0.904	1202.215	669.101
0.999	14.761			
8/12/2016 4:15:00 PM	152100.000	25.804	16.903	58.816
4019.013	4754.236	2.567	3232.881	248.817
1.001	14.753			
8/12/2016 4:30:00 PM	153000.000	25.799	16.904	58.804
1495.063	1768.546	0.904	1202.611	668.868
0.999	14.753			
8/12/2016 4:45:00 PM	153900.000	25.805	16.903	58.818
4040.376	4779.507	2.582	3250.065	247.502
1.001	14.751			
8/12/2016 5:00:00 PM	154800.000	25.800	16.903	58.806
1495.151	1768.693	0.904	1202.712	668.829
0.999	14.749			
8/12/2016 5:15:00 PM	155700.000	25.809	16.903	58.828
4032.927	4770.714	2.577	3244.085	247.959
1.001	14.745			
8/12/2016 5:30:00 PM	156600.000	25.798	16.903	58.801
1484.647	1756.246	0.897	1194.247	673.561
0.999	14.746			
8/12/2016 5:45:00 PM	157500.000	25.809	16.903	58.827
4051.911	4793.189	2.590	3259.369	246.797
1.001	14.735			
8/12/2016 6:00:00 PM	158400.000	25.804	16.903	58.815
1485.256	1756.970	0.898	1194.740	673.284
0.999	14.737			
8/12/2016 6:15:00 PM	159300.000	25.806	16.903	58.820
4027.123	4763.820	2.573	3239.398	248.316
1.001	14.733			
8/12/2016 6:30:00 PM	160200.000	25.800	16.904	58.806
1495.438	1768.994	0.904	1202.916	668.700
0.999	14.735			
8/12/2016 6:45:00 PM	161100.000	25.814	16.903	58.839
4021.388	4757.082	2.569	3234.816	248.670
1.001	14.732			
8/12/2016 7:00:00 PM	162000.000	25.805	16.903	58.818
1495.216	1768.752	0.904	1202.751	668.800
0.999	14.730			
8/12/2016 7:15:00 PM	162900.000	25.809	16.903	58.827
4013.324	4747.582	2.563	3228.356	249.170
1.001	14.732			
8/12/2016 7:30:00 PM	163800.000	25.801	16.903	58.808
1495.526	1769.111	0.904	1202.996	668.661

0.999	14.732			
8/12/2016 7:45:00 PM	164700.000	25.806	16.903	58.821
4006.853	4739.870	2.559	3223.111	249.572
1.001	14.724			
8/12/2016 8:00:00 PM	165600.000	25.806	16.904	58.821
1486.134	1757.991	0.898	1195.434	672.887
0.999	14.728			
8/12/2016 8:15:00 PM	166500.000	25.801	16.903	58.808
4010.910	4744.688	2.562	3226.387	249.320
1.001	14.734			
8/12/2016 8:30:00 PM	167400.000	25.808	16.903	58.825
1485.955	1757.814	0.898	1195.314	672.968
0.999	14.734			
8/12/2016 8:45:00 PM	168300.000	25.804	16.903	58.816
4011.457	4745.334	2.562	3226.827	249.286
1.001	14.735			
8/12/2016 9:00:00 PM	169200.000	25.799	16.903	58.805
1485.911	1757.745	0.898	1195.267	672.988
0.999	14.734			
8/12/2016 9:15:00 PM	170100.000	25.810	16.903	58.830
4022.790	4758.732	2.570	3235.938	248.584
1.001	14.736			
8/12/2016 9:30:00 PM	171000.000	25.801	16.903	58.808
1485.786	1757.611	0.898	1195.176	673.044
0.999	14.741			
8/12/2016 9:45:00 PM	171900.000	25.805	16.903	58.817
4013.805	4748.075	2.564	3228.691	249.140
1.001	14.739			
8/12/2016 10:00:00 PM	172800.000	25.803	16.903	58.813
1485.118	1756.825	0.898	1194.641	673.347
0.999	14.737			
8/12/2016 10:15:00 PM	173700.000	25.798	16.904	58.802
4057.618	4799.883	2.593	3263.921	246.450
1.001	14.744			
8/12/2016 10:30:00 PM	174600.000	25.791	16.904	58.786
1486.000	1757.836	0.898	1195.329	672.947
0.999	14.746			
8/12/2016 10:45:00 PM	175500.000	25.807	16.903	58.821
4005.588	4738.421	2.558	3222.127	249.651
1.001	14.737			
8/12/2016 11:00:00 PM	176400.000	25.800	16.903	58.806
1486.044	1757.909	0.898	1195.378	672.927
0.999	14.739			
8/12/2016 11:15:00 PM	177300.000	25.796	16.903	58.796
4045.040	4785.052	2.585	3253.835	247.216
1.001	14.739			
8/12/2016 11:30:00 PM	178200.000	25.803	16.904	58.813
1485.527	1757.273	0.898	1194.945	673.162
0.999	14.738			
8/12/2016 11:45:00 PM	179100.000	25.807	16.903	58.823
4040.932	4780.232	2.582	3250.558	247.468
1.001	14.733			
8/13/2016 12:00:00 AM	180000.000	25.806	16.904	58.821
1486.148	1758.011	0.898	1195.448	672.881
0.999	14.732			
8/13/2016 12:15:00 AM	180900.000	25.799	16.903	58.803
4021.701	4757.463	2.569	3235.075	248.651

1.001	14.735			
8/13/2016 12:30:00 AM	181800.000	25.809	16.902	58.826
1486.596	1758.587	0.899	1195.839	672.677
0.999	14.732			
8/13/2016 12:45:00 AM	182700.000	25.808	16.903	58.824
4013.927	4748.238	2.564	3228.802	249.133
1.001	14.731			
8/13/2016 1:00:00 AM	183600.000	25.808	16.903	58.825
1497.622	1771.595	0.906	1204.684	667.725
0.999	14.728			
8/13/2016 1:15:00 AM	184500.000	25.807	16.903	58.821
3968.808	4694.913	2.533	3192.541	251.965
1.001	14.731			
8/13/2016 1:30:00 AM	185400.000	25.799	16.904	58.804
1496.661	1770.447	0.905	1203.904	668.154
0.999	14.737			
8/13/2016 1:45:00 AM	186300.000	25.805	16.903	58.818
4003.017	4735.369	2.556	3220.051	249.812
1.001	14.728			
8/13/2016 2:00:00 AM	187200.000	25.809	16.904	58.826
1487.522	1759.632	0.899	1196.550	672.259
0.999	14.726			
8/13/2016 2:15:00 AM	188100.000	25.804	16.903	58.816
4042.556	4782.104	2.583	3251.831	247.368
1.001	14.729			
8/13/2016 2:30:00 AM	189000.000	25.806	16.903	58.819
1487.501	1759.626	0.899	1196.546	672.268
0.999	14.725			
8/13/2016 2:45:00 AM	189900.000	25.812	16.903	58.833
4050.285	4791.285	2.588	3258.074	246.896
1.001	14.719			
8/13/2016 3:00:00 AM	190800.000	25.808	16.903	58.825
1487.512	1759.652	0.899	1196.563	672.264
0.999	14.723			
8/13/2016 3:15:00 AM	191700.000	25.803	16.903	58.813
4009.728	4743.271	2.561	3225.425	249.393
1.001	14.723			
8/13/2016 3:30:00 AM	192600.000	25.802	16.903	58.810
1488.820	1761.197	0.900	1197.614	671.673
0.999	14.722			
8/13/2016 3:45:00 AM	193500.000	25.803	16.903	58.812
4040.467	4779.690	2.582	3250.189	247.496
1.001	14.723			
8/13/2016 4:00:00 AM	194400.000	25.805	16.903	58.819
1489.192	1761.633	0.900	1197.911	671.505
0.999	14.718			
8/13/2016 4:15:00 AM	195300.000	25.804	16.903	58.816
4046.127	4786.377	2.586	3254.736	247.150
1.001	14.718			
8/13/2016 4:30:00 AM	196200.000	25.808	16.904	58.825
1488.572	1760.875	0.900	1197.395	671.785
0.999	14.712			
8/13/2016 4:45:00 AM	197100.000	25.809	16.903	58.827
4050.664	4791.714	2.589	3258.366	246.873
1.001	14.716			
8/13/2016 5:00:00 AM	198000.000	25.809	16.902	58.826
1488.808	1761.210	0.900	1197.623	671.678

0.999	14.713			
8/13/2016 5:15:00 AM	198900.000	25.802	16.903	58.811
4016.117	4750.829	2.565	3230.564	248.997
1.001	14.716			
8/13/2016 5:30:00 AM	199800.000	25.807	16.903	58.822
1488.865	1761.264	0.900	1197.660	671.652
0.999	14.717			
8/13/2016 5:45:00 AM	200700.000	25.807	16.903	58.821
4025.447	4761.895	2.572	3238.089	248.420
1.001	14.716			
8/13/2016 6:00:00 AM	201600.000	25.806	16.902	58.819
1488.065	1760.345	0.899	1197.035	672.014
0.999	14.720			
8/13/2016 6:15:00 AM	202500.000	25.805	16.903	58.817
4038.943	4777.859	2.581	3248.945	247.590
1.001	14.716			
8/13/2016 6:30:00 AM	203400.000	25.813	16.902	58.836
1488.538	1760.884	0.900	1197.401	671.800
0.999	14.715			
8/13/2016 6:45:00 AM	204300.000	25.811	16.903	58.831
4043.939	4783.789	2.584	3252.976	247.284
1.001	14.717			
8/13/2016 7:00:00 AM	205200.000	25.806	16.903	58.819
1488.651	1760.989	0.900	1197.473	671.749
0.999	14.724			
8/13/2016 7:15:00 AM	206100.000	25.809	16.903	58.826
4024.513	4760.779	2.571	3237.330	248.477
1.001	14.722			
8/13/2016 7:30:00 AM	207000.000	25.801	16.903	58.809
1488.483	1760.788	0.900	1197.336	671.825
0.999	14.730			
8/13/2016 7:45:00 AM	207900.000	25.801	16.903	58.809
4027.838	4764.694	2.573	3239.992	248.272
1.001	14.733			
8/13/2016 8:00:00 AM	208800.000	25.804	16.903	58.814
1489.237	1761.683	0.900	1197.945	671.485
0.999	14.730			
8/13/2016 8:15:00 AM	209700.000	25.805	16.903	58.817
4056.618	4798.777	2.593	3263.168	246.511
1.001	14.732			
8/13/2016 8:30:00 AM	210600.000	25.807	16.902	58.822
1489.204	1761.668	0.900	1197.935	671.500
0.999	14.731			
8/13/2016 8:45:00 AM	211500.000	25.805	16.903	58.818
4036.709	4775.236	2.579	3247.161	247.727
1.001	14.730			
8/13/2016 9:00:00 AM	212400.000	25.801	16.903	58.808
1488.054	1760.293	0.899	1196.999	672.019
0.999	14.733			
8/13/2016 9:15:00 AM	213300.000	25.806	16.903	58.820
4066.284	4810.231	2.599	3270.958	245.925
1.001	14.734			
8/13/2016 9:30:00 AM	214200.000	25.809	16.903	58.827
1488.605	1760.939	0.900	1197.438	671.770
0.999	14.730			
8/13/2016 9:45:00 AM	215100.000	25.809	16.903	58.828
4031.461	4769.009	2.576	3242.926	248.049

1.001	14.731			
8/13/2016 10:00:00 AM	216000.000	25.810	16.903	58.828
1489.351	1761.814	0.900	1198.033	671.434
0.999	14.728			
8/13/2016 10:15:00 AM	216900.000	25.809	16.902	58.826
4045.293	4785.437	2.585	3254.097	247.201
1.001	14.728			
8/13/2016 10:30:00 AM	217800.000	25.813	16.902	58.835
1490.141	1762.777	0.901	1198.688	671.077
0.999	14.727			
8/13/2016 10:45:00 AM	218700.000	25.809	16.903	58.827
4021.058	4756.703	2.569	3234.558	248.691
1.001	14.728			
8/13/2016 11:00:00 AM	219600.000	25.805	16.902	58.817
1490.006	1762.630	0.901	1198.589	671.138
0.999	14.730			
8/13/2016 11:15:00 AM	220500.000	25.809	16.902	58.827
4055.867	4797.955	2.592	3262.609	246.556
1.001	14.730			
8/13/2016 11:30:00 AM	221400.000	25.804	16.903	58.815
1489.272	1761.738	0.900	1197.982	671.469
0.999	14.727			
8/13/2016 11:45:00 AM	222300.000	25.812	16.903	58.834
4052.492	4793.896	2.590	3259.850	246.762
1.001	14.722			
8/13/2016 12:00:00 PM	223200.000	25.814	16.903	58.839
1490.128	1762.755	0.901	1198.673	671.083
0.999	14.724			
8/13/2016 12:15:00 PM	224100.000	25.811	16.902	58.831
4047.387	4787.905	2.587	3255.775	247.073
1.001	14.721			
8/13/2016 12:30:00 PM	225000.000	25.803	16.902	58.814
1489.565	1762.113	0.900	1198.237	671.337
0.999	14.723			
8/13/2016 12:45:00 PM	225900.000	25.804	16.902	58.816
4025.109	4761.560	2.571	3237.861	248.440
1.001	14.721			
8/13/2016 1:00:00 PM	226800.000	25.807	16.902	58.823
1488.651	1761.014	0.900	1197.489	671.749
0.999	14.723			
8/13/2016 1:15:00 PM	227700.000	25.816	16.903	58.842
4030.589	4768.014	2.575	3242.250	248.103
1.001	14.717			
8/13/2016 1:30:00 PM	228600.000	25.813	16.903	58.836
1499.861	1774.244	0.907	1206.486	666.728
0.999	14.717			
8/13/2016 1:45:00 PM	229500.000	25.816	16.903	58.842
4009.340	4742.877	2.561	3225.156	249.418
1.001	14.714			
8/13/2016 2:00:00 PM	230400.000	25.816	16.902	58.843
1499.376	1773.719	0.907	1206.129	666.944
0.999	14.716			
8/13/2016 2:15:00 PM	231300.000	25.809	16.903	58.827
4019.153	4754.467	2.567	3233.038	248.809
1.001	14.718			
8/13/2016 2:30:00 PM	232200.000	25.814	16.902	58.839
1499.024	1773.309	0.906	1205.850	667.101

0.999	14.717			
8/13/2016 2:45:00 PM	233100.000	25.821	16.902	58.855
4018.724	4754.026	2.567	3232.738	248.835
1.001	14.714			
8/13/2016 3:00:00 PM	234000.000	25.818	16.902	58.848
1499.697	1774.081	0.907	1206.375	666.801
0.999	14.711			
8/13/2016 3:15:00 PM	234900.000	25.812	16.902	58.834
4029.443	4766.668	2.574	3241.335	248.173
1.001	14.713			
8/13/2016 3:30:00 PM	235800.000	25.816	16.902	58.843
1498.847	1773.082	0.906	1205.696	667.180
0.999	14.710			
8/13/2016 3:45:00 PM	236700.000	25.818	16.902	58.846
4044.718	4784.738	2.585	3253.622	247.236
1.001	14.706			
8/13/2016 4:00:00 PM	237600.000	25.815	16.902	58.840
1489.171	1761.650	0.900	1197.922	671.514
0.999	14.706			
8/13/2016 4:15:00 PM	238500.000	25.821	16.902	58.854
4099.964	4850.101	2.622	3298.069	243.905
1.001	14.703			
8/13/2016 4:30:00 PM	239400.000	25.817	16.903	58.846
1490.784	1763.527	0.901	1199.198	670.788
0.999	14.699			
8/13/2016 4:45:00 PM	240300.000	25.821	16.903	58.854
4056.163	4798.219	2.592	3262.789	246.538
1.001	14.697			
8/13/2016 5:00:00 PM	241200.000	25.816	16.903	58.842
1501.341	1776.011	0.908	1207.688	666.071
0.999	14.697			
8/13/2016 5:15:00 PM	242100.000	25.819	16.902	58.850
4033.720	4771.774	2.577	3244.807	247.910
1.001	14.694			
8/13/2016 5:30:00 PM	243000.000	25.818	16.902	58.847
1491.201	1764.041	0.901	1199.548	670.600
0.999	14.695			
8/13/2016 5:45:00 PM	243900.000	25.818	16.903	58.848
4042.030	4781.520	2.583	3251.434	247.400
1.001	14.690			
8/13/2016 6:00:00 PM	244800.000	25.823	16.902	58.858
1490.715	1763.465	0.901	1199.156	670.819
0.999	14.689			
8/13/2016 6:15:00 PM	245700.000	25.821	16.902	58.853
4013.423	4747.717	2.563	3228.448	249.164
1.001	14.689			
8/13/2016 6:30:00 PM	246600.000	25.817	16.903	58.845
1492.870	1765.990	0.903	1200.874	669.851
0.999	14.689			
8/13/2016 6:45:00 PM	247500.000	25.819	16.902	58.849
4015.568	4750.292	2.565	3230.199	249.031
1.001	14.690			
8/13/2016 7:00:00 PM	248400.000	25.815	16.903	58.841
1491.764	1764.679	0.902	1199.982	670.347
0.999	14.693			
8/13/2016 7:15:00 PM	249300.000	25.812	16.902	58.833
4026.178	4762.824	2.572	3238.720	248.375

1.001	14.695			
8/13/2016 7:30:00 PM	250200.000	25.820	16.903	58.851
1492.985	1766.134	0.903	1200.971	669.799
0.999	14.690			
8/13/2016 7:45:00 PM	251100.000	25.820	16.902	58.852
4023.572	4759.760	2.570	3236.637	248.535
1.001	14.687			
8/13/2016 8:00:00 PM	252000.000	25.827	16.903	58.868
1492.149	1765.135	0.902	1200.292	670.174
0.999	14.688			
8/13/2016 8:15:00 PM	252900.000	25.812	16.902	58.834
4034.314	4772.458	2.578	3245.272	247.874
1.001	14.686			
8/13/2016 8:30:00 PM	253800.000	25.825	16.902	58.864
1493.447	1766.698	0.903	1201.355	669.592
0.999	14.688			
8/13/2016 8:45:00 PM	254700.000	25.821	16.902	58.854
4047.528	4788.109	2.587	3255.915	247.064
1.001	14.692			
8/13/2016 9:00:00 PM	255600.000	25.822	16.903	58.856
1492.724	1765.829	0.902	1200.764	669.916
0.999	14.691			
8/13/2016 9:15:00 PM	256500.000	25.826	16.902	58.864
4028.570	4765.692	2.574	3240.671	248.227
1.001	14.693			
8/13/2016 9:30:00 PM	257400.000	25.825	16.901	58.863
1492.827	1765.996	0.903	1200.877	669.870
0.999	14.693			
8/13/2016 9:45:00 PM	258300.000	25.825	16.902	58.863
4018.920	4754.305	2.567	3232.927	248.823
1.001	14.692			
8/13/2016 10:00:00 PM	259200.000	25.822	16.902	58.855
1493.164	1766.356	0.903	1201.122	669.719
0.999	14.696			
8/13/2016 10:15:00 PM	260100.000	25.814	16.902	58.837
4050.413	4791.493	2.589	3258.215	246.888
1.001	14.697			
8/13/2016 10:30:00 PM	261000.000	25.819	16.902	58.849
1492.950	1766.130	0.903	1200.969	669.815
0.999	14.698			
8/13/2016 10:45:00 PM	261900.000	25.823	16.902	58.858
4023.606	4759.811	2.570	3236.671	248.533
1.001	14.697			
8/13/2016 11:00:00 PM	262800.000	25.821	16.902	58.853
1493.457	1766.710	0.903	1201.363	669.587
0.999	14.695			
8/13/2016 11:15:00 PM	263700.000	25.819	16.901	58.849
4033.990	4772.160	2.577	3245.069	247.894
1.001	14.697			
8/13/2016 11:30:00 PM	264600.000	25.824	16.903	58.861
1493.346	1766.550	0.903	1201.254	669.637
0.999	14.693			
8/13/2016 11:45:00 PM	265500.000	25.822	16.902	58.857
4034.181	4772.274	2.578	3245.146	247.882
1.001	14.692			
8/14/2016 12:00:00 AM	266400.000	25.816	16.902	58.843
1493.830	1767.158	0.903	1201.668	669.420

0.999	14.694			
8/14/2016 12:15:00 AM	267300.000	25.824	16.902	58.862
4059.407	4802.115	2.595	3265.438	246.341
1.001	14.693			
8/14/2016 12:30:00 AM	268200.000	25.818	16.902	58.847
1494.721	1768.212	0.904	1202.384	669.021
0.999	14.692			
8/14/2016 12:45:00 AM	269100.000	25.821	16.902	58.855
4003.984	4736.617	2.557	3220.900	249.751
1.001	14.690			
8/14/2016 1:00:00 AM	270000.000	25.822	16.902	58.855
1493.265	1766.482	0.903	1201.208	669.674
0.999	14.694			
8/14/2016 1:15:00 AM	270900.000	25.819	16.902	58.849
4026.032	4762.689	2.572	3238.629	248.384
1.001	14.690			
8/14/2016 1:30:00 AM	271800.000	25.819	16.902	58.850
1494.416	1767.844	0.904	1202.134	669.158
0.999	14.689			
8/14/2016 1:45:00 AM	272700.000	25.819	16.902	58.850
4028.246	4765.318	2.574	3240.417	248.247
1.001	14.691			
8/14/2016 2:00:00 AM	273600.000	25.822	16.903	58.857
1493.188	1766.370	0.903	1201.132	669.708
0.999	14.688			
8/14/2016 2:15:00 AM	274500.000	25.823	16.902	58.859
4025.806	4762.432	2.572	3238.454	248.397
1.001	14.687			
8/14/2016 2:30:00 AM	275400.000	25.822	16.902	58.856
1493.572	1766.842	0.903	1201.453	669.536
0.999	14.686			
8/14/2016 2:45:00 AM	276300.000	25.823	16.902	58.858
4039.475	4778.592	2.581	3249.443	247.557
1.001	14.683			
8/14/2016 3:00:00 AM	277200.000	25.824	16.902	58.861
1494.587	1768.046	0.904	1202.271	669.081
0.999	14.679			
8/14/2016 3:15:00 AM	278100.000	25.828	16.902	58.869
4025.508	4762.061	2.572	3238.201	248.416
1.001	14.676			
8/14/2016 3:30:00 AM	279000.000	25.825	16.902	58.862
1493.841	1767.157	0.903	1201.667	669.415
0.999	14.680			
8/14/2016 3:45:00 AM	279900.000	25.826	16.902	58.864
4055.963	4798.078	2.592	3262.693	246.551
1.001	14.678			
8/14/2016 4:00:00 AM	280800.000	25.823	16.902	58.859
1495.510	1769.153	0.904	1203.024	668.668
0.999	14.684			
8/14/2016 4:15:00 AM	281700.000	25.826	16.902	58.865
4055.620	4797.720	2.592	3262.450	246.571
1.001	14.684			
8/14/2016 4:30:00 AM	282600.000	25.822	16.902	58.856
1494.767	1768.256	0.904	1202.414	669.000
0.999	14.684			
8/14/2016 4:45:00 AM	283500.000	25.822	16.902	58.856
4054.671	4796.530	2.591	3261.641	246.629

1.001	14.683			
8/14/2016 5:00:00 AM	284400.000	25.830	16.902	58.874
1494.901	1768.435	0.904	1202.536	668.941
0.999	14.681			
8/14/2016 5:15:00 AM	285300.000	25.823	16.902	58.859
4038.865	4777.852	2.581	3248.939	247.594
1.001	14.687			
8/14/2016 5:30:00 AM	286200.000	25.827	16.902	58.868
1493.911	1767.243	0.903	1201.725	669.384
0.999	14.685			
8/14/2016 5:45:00 AM	287100.000	25.822	16.902	58.856
4030.682	4768.208	2.575	3242.382	248.097
1.001	14.689			
8/14/2016 6:00:00 AM	288000.000	25.820	16.902	58.851
1494.282	1767.689	0.903	1202.029	669.218
0.999	14.687			
8/14/2016 6:15:00 AM	288900.000	25.812	16.902	58.834
4034.487	4772.692	2.578	3245.430	247.863
1.001	14.697			
8/14/2016 6:30:00 AM	289800.000	25.819	16.903	58.848
1494.055	1767.393	0.903	1201.827	669.319
0.999	14.692			
8/14/2016 6:45:00 AM	290700.000	25.823	16.902	58.858
4045.914	4786.228	2.586	3254.635	247.163
1.001	14.693			
8/14/2016 7:00:00 AM	291600.000	25.820	16.902	58.852
1494.744	1768.236	0.904	1202.400	669.011
0.999	14.696			
8/14/2016 7:15:00 AM	292500.000	25.813	16.902	58.837
4030.117	4767.522	2.575	3241.916	248.132
1.001	14.700			
8/14/2016 7:30:00 AM	293400.000	25.826	16.902	58.865
1494.315	1767.735	0.903	1202.060	669.203
0.999	14.689			
8/14/2016 7:45:00 AM	294300.000	25.819	16.902	58.849
4037.149	4775.813	2.580	3247.553	247.700
1.001	14.697			
8/14/2016 8:00:00 AM	295200.000	25.819	16.902	58.850
1494.362	1767.773	0.903	1202.086	669.182
0.999	14.695			
8/14/2016 8:15:00 AM	296100.000	25.812	16.902	58.834
4038.001	4776.839	2.580	3248.251	247.647
1.001	14.702			
8/14/2016 8:30:00 AM	297000.000	25.817	16.902	58.846
1494.766	1768.283	0.904	1202.432	669.001
0.999	14.702			
8/14/2016 8:45:00 AM	297900.000	25.813	16.902	58.836
4007.114	4740.300	2.559	3223.404	249.556
1.001	14.704			
8/14/2016 9:00:00 AM	298800.000	25.821	16.902	58.854
1493.842	1767.172	0.903	1201.677	669.415
0.999	14.703			
8/14/2016 9:15:00 AM	299700.000	25.825	16.902	58.863
4027.742	4764.694	2.573	3239.992	248.278
1.001	14.703			
8/14/2016 9:30:00 AM	300600.000	25.819	16.902	58.850
1494.744	1768.260	0.904	1202.417	669.011

0.999	14.701			
8/14/2016 9:45:00 AM	301500.000	25.814	16.902	58.839
4032.792	4770.667	2.577	3244.054	247.967
1.001	14.705			
8/14/2016 10:00:00 AM	302400.000	25.819	16.902	58.850
1494.847	1768.364	0.904	1202.488	668.965
0.999	14.711			
8/14/2016 10:15:00 AM	303300.000	25.814	16.902	58.838
4031.375	4769.028	2.576	3242.939	248.054
1.001	14.712			
8/14/2016 10:30:00 AM	304200.000	25.820	16.902	58.853
1494.700	1768.191	0.904	1202.370	669.031
0.999	14.704			
8/14/2016 10:45:00 AM	305100.000	25.818	16.902	58.846
4053.938	4795.701	2.591	3261.077	246.674
1.001	14.709			
8/14/2016 11:00:00 AM	306000.000	25.816	16.902	58.842
1493.898	1767.260	0.903	1201.737	669.390
0.999	14.708			
8/14/2016 11:15:00 AM	306900.000	25.817	16.902	58.845
4042.920	4782.649	2.584	3252.202	247.346
1.001	14.704			
8/14/2016 11:30:00 AM	307800.000	25.809	16.902	58.827
1494.167	1767.543	0.903	1201.929	669.269
0.999	14.703			
8/14/2016 11:45:00 AM	308700.000	25.821	16.902	58.854
4100.057	4850.240	2.622	3298.163	243.899
1.001	14.703			
8/14/2016 12:00:00 PM	309600.000	25.812	16.902	58.833
1494.270	1767.675	0.903	1202.019	669.223
0.999	14.706			
8/14/2016 12:15:00 PM	310500.000	25.817	16.902	58.845
4086.907	4834.722	2.613	3287.611	244.684
1.001	14.703			
8/14/2016 12:30:00 PM	311400.000	25.821	16.902	58.855
1495.297	1768.914	0.904	1202.862	668.764
0.999	14.699			
8/14/2016 12:45:00 PM	312300.000	25.817	16.902	58.845
4116.301	4869.475	2.633	3311.243	242.937
1.001	14.704			
8/14/2016 1:00:00 PM	313200.000	25.825	16.902	58.863
1494.710	1768.207	0.904	1202.380	669.026
0.999	14.695			
8/14/2016 1:15:00 PM	314100.000	25.817	16.902	58.844
4136.191	4893.034	2.647	3327.263	241.768
1.001	14.701			
8/14/2016 1:30:00 PM	315000.000	25.816	16.902	58.843
1494.936	1768.488	0.904	1202.572	668.925
0.999	14.698			
8/14/2016 1:45:00 PM	315900.000	25.809	16.902	58.826
4094.249	4843.369	2.618	3293.491	244.245
1.001	14.705			
8/14/2016 2:00:00 PM	316800.000	25.814	16.901	58.838
1493.977	1767.359	0.903	1201.805	669.354
0.999	14.699			
8/14/2016 2:15:00 PM	317700.000	25.824	16.902	58.861
4094.470	4843.631	2.619	3293.670	244.232

1.001	14.691			
8/14/2016 2:30:00 PM	318600.000	25.817	16.902	58.846
1492.950	1766.127	0.903	1200.966	669.815
0.999	14.697			
8/14/2016 2:45:00 PM	319500.000	25.818	16.902	58.848
4074.823	4820.426	2.605	3277.890	245.409
1.001	14.698			
8/14/2016 3:00:00 PM	320400.000	25.818	16.902	58.847
1494.406	1767.846	0.904	1202.135	669.162
0.999	14.691			
8/14/2016 3:15:00 PM	321300.000	25.824	16.902	58.861
4100.460	4850.726	2.623	3298.494	243.875
1.001	14.690			
8/14/2016 3:30:00 PM	322200.000	25.821	16.902	58.854
1494.180	1767.590	0.903	1201.961	669.263
0.999	14.691			
8/14/2016 3:45:00 PM	323100.000	25.818	16.902	58.848
4064.789	4808.499	2.598	3269.780	246.015
1.001	14.692			
8/14/2016 4:00:00 PM	324000.000	25.826	16.902	58.864
1494.237	1767.654	0.903	1202.005	669.238
0.999	14.686			
8/14/2016 4:15:00 PM	324900.000	25.817	16.902	58.844
4117.372	4870.732	2.634	3312.098	242.873
1.001	14.693			
8/14/2016 4:30:00 PM	325800.000	25.823	16.902	58.858
1494.766	1768.255	0.904	1202.413	669.001
0.999	14.683			
8/14/2016 4:45:00 PM	326700.000	25.821	16.902	58.855
4088.074	4836.074	2.614	3288.531	244.614
1.001	14.685			
8/14/2016 5:00:00 PM	327600.000	25.816	16.901	58.842
1494.530	1768.024	0.904	1202.257	669.107
0.999	14.691			
8/14/2016 5:15:00 PM	328500.000	25.820	16.902	58.853
4091.329	4839.963	2.616	3291.175	244.419
1.001	14.689			
8/14/2016 5:30:00 PM	329400.000	25.822	16.902	58.856
1494.597	1768.076	0.904	1202.292	669.077
0.999	14.686			
8/14/2016 5:45:00 PM	330300.000	25.825	16.902	58.864
4082.450	4829.460	2.610	3284.033	244.951
1.001	14.686			
8/14/2016 6:00:00 PM	331200.000	25.822	16.902	58.857
1494.407	1767.844	0.904	1202.134	669.162
0.999	14.688			
8/14/2016 6:15:00 PM	332100.000	25.820	16.902	58.853
4057.364	4799.754	2.593	3263.833	246.465
1.001	14.688			
8/14/2016 6:30:00 PM	333000.000	25.819	16.902	58.850
1494.350	1767.780	0.903	1202.091	669.187
0.999	14.684			
8/14/2016 6:45:00 PM	333900.000	25.829	16.902	58.872
4054.188	4796.025	2.591	3261.297	246.659
1.001	14.683			
8/14/2016 7:00:00 PM	334800.000	25.821	16.902	58.853
1495.984	1769.728	0.905	1203.415	668.456

0.999	14.685			
8/14/2016 7:15:00 PM	335700.000	25.815	16.902	58.840
4073.152	4818.432	2.604	3276.534	245.510
1.001	14.687			
8/14/2016 7:30:00 PM	336600.000	25.820	16.902	58.852
1495.341	1768.966	0.904	1202.897	668.744
0.999	14.686			
8/14/2016 7:45:00 PM	337500.000	25.819	16.901	58.849
4068.242	4812.680	2.601	3272.623	245.806
1.001	14.686			
8/14/2016 8:00:00 PM	338400.000	25.817	16.902	58.845
1496.155	1769.901	0.905	1203.533	668.380
0.999	14.689			
8/14/2016 8:15:00 PM	339300.000	25.821	16.902	58.854
4047.606	4788.211	2.587	3255.984	247.060
1.001	14.688			
8/14/2016 8:30:00 PM	340200.000	25.820	16.902	58.853
1495.658	1769.317	0.904	1203.136	668.602
0.999	14.694			
8/14/2016 8:45:00 PM	341100.000	25.817	16.902	58.846
4060.011	4802.904	2.595	3265.975	246.305
1.001	14.690			
8/14/2016 9:00:00 PM	342000.000	25.808	16.902	58.825
1495.849	1769.551	0.904	1203.295	668.516
0.999	14.700			
8/14/2016 9:15:00 PM	342900.000	25.817	16.902	58.844
4030.770	4768.266	2.575	3242.421	248.092
1.001	14.696			
8/14/2016 9:30:00 PM	343800.000	25.817	16.902	58.845
1495.555	1769.192	0.904	1203.051	668.648
0.999	14.698			
8/14/2016 9:45:00 PM	344700.000	25.813	16.902	58.837
4037.527	4776.240	2.580	3247.844	247.676
1.001	14.698			
8/14/2016 10:00:00 PM	345600.000	25.822	16.903	58.855
1494.181	1767.545	0.903	1201.931	669.263
0.999	14.699			
8/14/2016 10:15:00 PM	346500.000	25.820	16.902	58.852
4072.033	4817.156	2.603	3275.667	245.578
1.001	14.698			
8/14/2016 10:30:00 PM	347400.000	25.815	16.902	58.839
1495.479	1769.109	0.904	1202.994	668.682
0.999	14.700			
8/14/2016 10:45:00 PM	348300.000	25.820	16.902	58.851
4054.841	4796.770	2.592	3261.804	246.619
1.001	14.700			
8/14/2016 11:00:00 PM	349200.000	25.821	16.902	58.853
1495.510	1769.156	0.904	1203.026	668.668
0.999	14.701			
8/14/2016 11:15:00 PM	350100.000	25.818	16.902	58.847
4098.617	4848.537	2.621	3297.005	243.985
1.001	14.700			
8/14/2016 11:30:00 PM	351000.000	25.823	16.902	58.859
1495.669	1769.338	0.904	1203.150	668.597
0.999	14.700			
8/14/2016 11:45:00 PM	351900.000	25.822	16.902	58.856
4067.852	4812.171	2.600	3272.277	245.830

1.001	14.698			
8/15/2016 12:00:00 AM	352800.000	25.815	16.902	58.841
1495.872	1769.591	0.904	1203.322	668.506
0.999	14.705			
8/15/2016 12:15:00 AM	353700.000	25.817	16.902	58.845
4047.306	4787.866	2.587	3255.749	247.078
1.001	14.703			
8/15/2016 12:30:00 AM	354600.000	25.818	16.902	58.846
1496.155	1769.922	0.905	1203.547	668.380
0.999	14.704			
8/15/2016 12:45:00 AM	355500.000	25.807	16.902	58.823
4056.924	4799.263	2.593	3263.499	246.492
1.001	14.712			
8/15/2016 1:00:00 AM	356400.000	25.815	16.901	58.841
1495.500	1769.157	0.904	1203.027	668.673
0.999	14.706			
8/15/2016 1:15:00 AM	357300.000	25.812	16.901	58.834
4069.189	4813.818	2.601	3273.397	245.749
1.001	14.709			
8/15/2016 1:30:00 AM	358200.000	25.815	16.902	58.839
1495.444	1769.071	0.904	1202.968	668.698
0.999	14.707			
8/15/2016 1:45:00 AM	359100.000	25.813	16.902	58.835
4090.059	4838.441	2.616	3290.140	244.495
1.001	14.707			
8/15/2016 2:00:00 AM	360000.000	25.817	16.902	58.845
1496.200	1769.962	0.905	1203.574	668.360
0.999	14.704			
8/15/2016 2:15:00 AM	360900.000	25.816	16.902	58.843
4061.697	4804.889	2.596	3267.325	246.203
1.001	14.702			
8/15/2016 2:30:00 AM	361800.000	25.819	16.902	58.849
1496.640	1770.489	0.905	1203.933	668.163
0.999	14.703			
8/15/2016 2:45:00 AM	362700.000	25.831	16.901	58.878
4067.958	4812.354	2.601	3272.401	245.824
1.001	14.698			
8/15/2016 3:00:00 AM	363600.000	25.824	16.902	58.860
1496.244	1770.035	0.905	1203.624	668.340
0.999	14.698			
8/15/2016 3:15:00 AM	364500.000	25.827	16.902	58.867
4083.398	4830.542	2.611	3284.769	244.894
1.001	14.698			
8/15/2016 3:30:00 AM	365400.000	25.825	16.902	58.862
1496.798	1770.672	0.905	1204.057	668.093
0.999	14.695			
8/15/2016 3:45:00 AM	366300.000	25.821	16.902	58.853
4050.707	4791.928	2.589	3258.511	246.870
1.001	14.699			
8/15/2016 4:00:00 AM	367200.000	25.823	16.901	58.860
1496.437	1770.298	0.905	1203.803	668.254
0.999	14.697			
8/15/2016 4:15:00 AM	368100.000	25.820	16.902	58.853
4061.175	4804.263	2.596	3266.899	246.234
1.001	14.699			
8/15/2016 4:30:00 AM	369000.000	25.820	16.901	58.851
1496.211	1770.003	0.905	1203.602	668.355

0.999	14.701			
8/15/2016 4:45:00 AM	369900.000	25.822	16.902	58.856
4105.296	4856.495	2.626	3302.417	243.588
1.001	14.700			
8/15/2016 5:00:00 AM	370800.000	25.821	16.901	58.854
1496.031	1769.800	0.905	1203.464	668.435
0.999	14.702			
8/15/2016 5:15:00 AM	371700.000	25.816	16.902	58.843
4073.641	4819.039	2.604	3276.947	245.481
1.001	14.704			
8/15/2016 5:30:00 AM	372600.000	25.816	16.902	58.842
1496.019	1769.765	0.905	1203.440	668.441
0.999	14.707			
8/15/2016 5:45:00 AM	373500.000	25.821	16.902	58.855
4067.304	4811.523	2.600	3271.836	245.863
1.001	14.700			
8/15/2016 6:00:00 AM	374400.000	25.822	16.902	58.856
1496.470	1770.270	0.905	1203.784	668.239
0.999	14.705			
8/15/2016 6:15:00 AM	375300.000	25.823	16.902	58.859
4090.226	4838.668	2.616	3290.294	244.485
1.001	14.696			
8/15/2016 6:30:00 AM	376200.000	25.817	16.902	58.846
1496.482	1770.306	0.905	1203.808	668.234
0.999	14.705			
8/15/2016 6:45:00 AM	377100.000	25.817	16.902	58.845
4087.153	4835.032	2.614	3287.822	244.669
1.001	14.708			
8/15/2016 7:00:00 AM	378000.000	25.814	16.901	58.838
1497.169	1771.133	0.905	1204.370	667.927
0.999	14.712			
8/15/2016 7:15:00 AM	378900.000	25.819	16.902	58.849
4084.789	4832.198	2.612	3285.895	244.811
1.001	14.713			
8/15/2016 7:30:00 AM	379800.000	25.809	16.902	58.827
1495.794	1769.495	0.904	1203.257	668.541
0.999	14.717			
8/15/2016 7:45:00 AM	380700.000	25.817	16.902	58.845
4077.869	4824.030	2.607	3280.340	245.226
1.001	14.715			
8/15/2016 8:00:00 AM	381600.000	25.808	16.901	58.824
1496.877	1770.787	0.905	1204.135	668.057
0.999	14.720			
8/15/2016 8:15:00 AM	382500.000	25.817	16.902	58.846
4085.600	4833.158	2.613	3286.547	244.762
1.001	14.719			
8/15/2016 8:30:00 AM	383400.000	25.813	16.902	58.835
1496.289	1770.071	0.905	1203.648	668.320
0.999	14.719			
8/15/2016 8:45:00 AM	384300.000	25.810	16.902	58.828
4047.251	4787.819	2.586	3255.718	247.081
1.001	14.719			
8/15/2016 9:00:00 AM	385200.000	25.812	16.902	58.835
1495.388	1769.011	0.904	1202.928	668.723
0.999	14.722			
8/15/2016 9:15:00 AM	386100.000	25.814	16.902	58.838
4086.796	4834.582	2.613	3287.516	244.690

1.001	14.724			
8/15/2016 9:30:00 AM	387000.000	25.810	16.902	58.829
1496.132	1769.874	0.905	1203.514	668.390
0.999	14.726			
8/15/2016 9:45:00 AM	387900.000	25.809	16.902	58.827
4064.460	4808.177	2.598	3269.561	246.035
1.001	14.725			
8/15/2016 10:00:00 AM	388800.000	25.813	16.902	58.836
1496.651	1770.495	0.905	1203.936	668.159
0.999	14.726			
8/15/2016 10:15:00 AM	389700.000	25.816	16.902	58.843
4119.566	4873.328	2.636	3313.864	242.744
1.001	14.726			
8/15/2016 10:30:00 AM	390600.000	25.810	16.902	58.830
1495.985	1769.704	0.904	1203.399	668.456
0.999	14.732			
8/15/2016 10:45:00 AM	391500.000	25.810	16.902	58.829
4105.704	4856.949	2.626	3302.726	243.564
1.001	14.731			
8/15/2016 11:00:00 AM	392400.000	25.819	16.902	58.850
1496.007	1769.755	0.905	1203.433	668.446
0.999	14.728			
8/15/2016 11:15:00 AM	393300.000	25.812	16.901	58.834
4085.617	4833.244	2.613	3286.606	244.761
1.001	14.734			
8/15/2016 11:30:00 AM	394200.000	25.810	16.902	58.829
1495.962	1769.667	0.904	1203.373	668.466
0.999	14.731			
8/15/2016 11:45:00 AM	395100.000	25.815	16.902	58.839
4089.292	4837.563	2.615	3289.543	244.541
1.001	14.729			
8/15/2016 12:00:00 PM	396000.000	25.811	16.901	58.832
1496.752	1770.657	0.905	1204.047	668.113
0.999	14.726			
8/15/2016 12:15:00 PM	396900.000	25.817	16.902	58.844
4125.818	4880.753	2.640	3318.912	242.376
1.001	14.727			
8/15/2016 12:30:00 PM	397800.000	25.817	16.901	58.845
1496.788	1770.695	0.905	1204.073	668.097
0.999	14.722			
8/15/2016 12:45:00 PM	398700.000	25.818	16.902	58.846
4099.506	4849.646	2.622	3297.760	243.932
1.001	14.717			
8/15/2016 1:00:00 PM	399600.000	25.824	16.901	58.860
1496.302	1770.113	0.905	1203.677	668.315
0.999	14.714			
8/15/2016 1:15:00 PM	400500.000	25.809	16.901	58.828
4113.896	4866.726	2.632	3309.374	243.079
1.001	14.723			
8/15/2016 1:30:00 PM	401400.000	25.810	16.902	58.829
1496.313	1770.105	0.905	1203.672	668.310
0.999	14.720			
8/15/2016 1:45:00 PM	402300.000	25.818	16.901	58.846
4116.428	4869.721	2.634	3311.410	242.929
1.001	14.714			
8/15/2016 2:00:00 PM	403200.000	25.819	16.901	58.849
1495.703	1769.423	0.904	1203.208	668.582

0.999	14.721			
8/15/2016 2:15:00 PM	404100.000	25.822	16.901	58.856
4128.118	4883.522	2.641	3320.795	242.241
1.001	14.716			
8/15/2016 2:30:00 PM	405000.000	25.819	16.901	58.849
1495.479	1769.140	0.904	1203.015	668.682
0.999	14.721			
8/15/2016 2:45:00 PM	405900.000	25.810	16.902	58.829
4140.209	4897.808	2.650	3330.510	241.534
1.001	14.720			
8/15/2016 3:00:00 PM	406800.000	25.816	16.902	58.842
1495.544	1769.207	0.904	1203.061	668.653
0.999	14.714			
8/15/2016 3:15:00 PM	407700.000	25.822	16.902	58.857
4148.012	4907.027	2.655	3336.778	241.079
1.001	14.709			
8/15/2016 3:30:00 PM	408600.000	25.811	16.901	58.832
1496.345	1770.162	0.905	1203.710	668.295
0.999	14.716			
8/15/2016 3:45:00 PM	409500.000	25.822	16.901	58.855
4174.178	4938.010	2.673	3357.847	239.568
1.001	14.707			
8/15/2016 4:00:00 PM	410400.000	25.817	16.902	58.845
1495.659	1769.339	0.904	1203.150	668.602
0.999	14.710			
8/15/2016 4:15:00 PM	411300.000	25.814	16.901	58.838
4141.804	4899.791	2.651	3331.858	241.441
1.001	14.709			
8/15/2016 4:30:00 PM	412200.000	25.815	16.902	58.840
1494.981	1768.537	0.904	1202.605	668.905
0.999	14.707			
8/15/2016 4:45:00 PM	413100.000	25.823	16.901	58.858
4140.929	4898.686	2.650	3331.107	241.492
1.001	14.703			
8/15/2016 5:00:00 PM	414000.000	25.818	16.902	58.847
1495.432	1769.074	0.904	1202.971	668.703
0.999	14.702			
8/15/2016 5:15:00 PM	414900.000	25.821	16.901	58.854
4125.260	4880.169	2.640	3318.515	242.409
1.001	14.706			
8/15/2016 5:30:00 PM	415800.000	25.818	16.901	58.846
1494.677	1768.191	0.904	1202.370	669.041
0.999	14.706			
8/15/2016 5:45:00 PM	416700.000	25.822	16.901	58.856
4136.256	4893.150	2.647	3327.342	241.765
1.001	14.702			
8/15/2016 6:00:00 PM	417600.000	25.813	16.901	58.837
1496.121	1769.911	0.905	1203.539	668.395
0.999	14.706			
8/15/2016 6:15:00 PM	418500.000	25.824	16.901	58.861
4143.407	4901.609	2.652	3333.094	241.347
1.001	14.699			
8/15/2016 6:30:00 PM	419400.000	25.814	16.901	58.839
1496.380	1770.234	0.905	1203.759	668.280
0.999	14.701			
8/15/2016 6:45:00 PM	420300.000	25.815	16.901	58.841
4123.549	4878.118	2.638	3317.120	242.510

1.001	14.702			
8/15/2016 7:00:00 PM	421200.000	25.813	16.902	58.837
1495.117	1768.684	0.904	1202.705	668.844
0.999	14.700			
8/15/2016 7:15:00 PM	422100.000	25.821	16.901	58.853
4082.454	4829.521	2.610	3284.074	244.951
1.001	14.700			
8/15/2016 7:30:00 PM	423000.000	25.820	16.902	58.852
1495.072	1768.645	0.904	1202.678	668.864
0.999	14.698			
8/15/2016 7:45:00 PM	423900.000	25.819	16.901	58.849
4095.204	4844.576	2.619	3294.312	244.188
1.001	14.701			
8/15/2016 8:00:00 PM	424800.000	25.819	16.901	58.850
1494.812	1768.343	0.904	1202.474	668.981
0.999	14.704			
8/15/2016 8:15:00 PM	425700.000	25.819	16.902	58.849
4114.519	4867.386	2.632	3309.822	243.042
1.001	14.703			
8/15/2016 8:30:00 PM	426600.000	25.815	16.902	58.841
1495.117	1768.691	0.904	1202.710	668.844
0.999	14.704			
8/15/2016 8:45:00 PM	427500.000	25.819	16.901	58.850
4072.138	4817.299	2.603	3275.763	245.571
1.001	14.703			
8/15/2016 9:00:00 PM	428400.000	25.819	16.902	58.851
1495.060	1768.627	0.904	1202.666	668.870
0.999	14.705			
8/15/2016 9:15:00 PM	429300.000	25.820	16.901	58.852
4075.028	4820.745	2.605	3278.107	245.397
1.001	14.701			
8/15/2016 9:30:00 PM	430200.000	25.821	16.902	58.854
1494.868	1768.396	0.904	1202.509	668.955
0.999	14.708			
8/15/2016 9:45:00 PM	431100.000	25.814	16.901	58.839
4107.694	4859.361	2.628	3304.366	243.446
1.001	14.713			
8/15/2016 10:00:00 PM	432000.000	25.809	16.901	58.826
1494.112	1767.529	0.903	1201.920	669.294
0.999	14.709			
8/15/2016 10:15:00 PM	432900.000	25.810	16.901	58.829
4046.555	4787.034	2.586	3255.183	247.124
1.001	14.713			
8/15/2016 10:30:00 PM	433800.000	25.816	16.901	58.842
1493.661	1766.996	0.903	1201.557	669.496
0.999	14.709			
8/15/2016 10:45:00 PM	434700.000	25.818	16.901	58.847
4073.734	4819.177	2.604	3277.041	245.475
1.001	14.705			
8/15/2016 11:00:00 PM	435600.000	25.823	16.901	58.859
1495.082	1768.673	0.904	1202.698	668.860
0.999	14.702			
8/15/2016 11:15:00 PM	436500.000	25.825	16.901	58.864
4100.302	4850.703	2.623	3298.478	243.884
1.001	14.700			
8/15/2016 11:30:00 PM	437400.000	25.822	16.901	58.857
1495.512	1769.186	0.904	1203.046	668.667

0.999	14.706			
8/15/2016 11:45:00 PM	438300.000	25.822	16.901	58.855
4095.952	4845.498	2.620	3294.939	244.143
1.001	14.701			
8/16/2016 12:00:00 AM	439200.000	25.817	16.902	58.844
1495.060	1768.634	0.904	1202.671	668.870
0.999	14.705			
8/16/2016 12:15:00 AM	440100.000	25.816	16.901	58.843
4094.822	4844.152	2.619	3294.023	244.211
1.001	14.705			
8/16/2016 12:30:00 AM	441000.000	25.819	16.901	58.849
1494.745	1768.264	0.904	1202.420	669.011
0.999	14.705			
8/16/2016 12:45:00 AM	441900.000	25.819	16.901	58.850
4123.032	4877.496	2.638	3316.697	242.540
1.001	14.704			
8/16/2016 1:00:00 AM	442800.000	25.820	16.901	58.852
1494.621	1768.153	0.904	1202.344	669.066
0.999	14.703			
8/16/2016 1:15:00 AM	443700.000	25.821	16.901	58.855
4114.788	4867.753	2.632	3310.072	243.026
1.001	14.699			
8/16/2016 1:30:00 AM	444600.000	25.819	16.902	58.849
1495.003	1768.560	0.904	1202.620	668.895
0.999	14.699			
8/16/2016 1:45:00 AM	445500.000	25.819	16.902	58.849
4128.700	4884.192	2.642	3321.251	242.207
1.001	14.699			
8/16/2016 2:00:00 AM	446400.000	25.821	16.902	58.855
1497.103	1771.023	0.905	1204.296	667.957
0.999	14.695			
8/16/2016 2:15:00 AM	447300.000	25.823	16.902	58.860
4078.982	4825.366	2.608	3281.249	245.159
1.001	14.695			
8/16/2016 2:30:00 AM	448200.000	25.822	16.902	58.857
1495.602	1769.271	0.904	1203.104	668.627
0.999	14.693			
8/16/2016 2:45:00 AM	449100.000	25.831	16.902	58.877
4086.099	4833.785	2.613	3286.974	244.732
1.001	14.693			
8/16/2016 3:00:00 AM	450000.000	25.822	16.901	58.856
1495.804	1769.531	0.904	1203.281	668.537
0.999	14.694			
8/16/2016 3:15:00 AM	450900.000	25.817	16.901	58.845
4075.037	4820.737	2.605	3278.101	245.397
1.001	14.694			
8/16/2016 3:30:00 AM	451800.000	25.820	16.901	58.853
1494.339	1767.788	0.903	1202.096	669.192
0.999	14.692			
8/16/2016 3:45:00 AM	452700.000	25.826	16.902	58.865
4085.157	4832.670	2.612	3286.216	244.789
1.001	14.687			
8/16/2016 4:00:00 AM	453600.000	25.812	16.901	58.834
1494.463	1767.942	0.904	1202.201	669.136
0.999	14.693			
8/16/2016 4:15:00 AM	454500.000	25.821	16.901	58.854
4095.754	4845.226	2.619	3294.754	244.155

1.001	14.685			
8/16/2016 4:30:00 AM	455400.000	25.818	16.901	58.848
1495.894	1769.649	0.904	1203.361	668.496
0.999	14.694			
8/16/2016 4:45:00 AM	456300.000	25.818	16.901	58.847
4115.941	4869.146	2.633	3311.019	242.958
1.001	14.689			
8/16/2016 5:00:00 AM	457200.000	25.821	16.902	58.853
1495.162	1768.755	0.904	1202.753	668.824
0.999	14.688			
8/16/2016 5:15:00 AM	458100.000	25.833	16.902	58.881
4114.428	4867.298	2.632	3309.763	243.047
1.001	14.680			
8/16/2016 5:30:00 AM	459000.000	25.816	16.901	58.842
1495.906	1769.656	0.904	1203.366	668.491
0.999	14.688			
8/16/2016 5:45:00 AM	459900.000	25.818	16.901	58.847
4095.049	4844.440	2.619	3294.220	244.197
1.001	14.693			
8/16/2016 6:00:00 AM	460800.000	25.818	16.901	58.848
1495.219	1768.846	0.904	1202.815	668.799
0.999	14.694			
8/16/2016 6:15:00 AM	461700.000	25.824	16.901	58.861
4105.100	4856.331	2.626	3302.305	243.599
1.001	14.692			
8/16/2016 6:30:00 AM	462600.000	25.814	16.901	58.837
1494.462	1767.955	0.904	1202.209	669.137
0.999	14.697			
8/16/2016 6:45:00 AM	463500.000	25.820	16.901	58.853
4100.423	4850.787	2.623	3298.535	243.877
1.001	14.697			
8/16/2016 7:00:00 AM	464400.000	25.815	16.902	58.841
1494.731	1768.245	0.904	1202.406	669.017
0.999	14.700			
8/16/2016 7:15:00 AM	465300.000	25.817	16.901	58.845
4111.203	4863.521	2.630	3307.194	243.238
1.001	14.701			
8/16/2016 7:30:00 AM	466200.000	25.818	16.901	58.847
1494.304	1767.757	0.903	1202.075	669.208
0.999	14.702			
8/16/2016 7:45:00 AM	467100.000	25.814	16.901	58.838
4105.602	4856.894	2.626	3302.688	243.570
1.001	14.703			
8/16/2016 8:00:00 AM	468000.000	25.818	16.901	58.847
1494.869	1768.411	0.904	1202.520	668.955
0.999	14.701			
8/16/2016 8:15:00 AM	468900.000	25.813	16.901	58.836
4121.525	4875.731	2.637	3315.497	242.629
1.001	14.703			
8/16/2016 8:30:00 AM	469800.000	25.814	16.902	58.838
1493.604	1766.908	0.903	1201.498	669.521
0.999	14.704			
8/16/2016 8:45:00 AM	470700.000	25.817	16.901	58.844
4063.926	4807.584	2.598	3269.157	246.067
1.001	14.704			
8/16/2016 9:00:00 AM	471600.000	25.815	16.901	58.840
1493.729	1767.070	0.903	1201.608	669.465

0.999	14.705			
8/16/2016 9:15:00 AM	472500.000	25.817	16.901	58.846
4077.097	4823.192	2.607	3279.771	245.273
1.001	14.702			
8/16/2016 9:30:00 AM	473400.000	25.804	16.901	58.816
1494.294	1767.749	0.903	1202.070	669.212
0.999	14.713			
8/16/2016 9:45:00 AM	474300.000	25.824	16.901	58.860
4081.685	4828.631	2.610	3283.469	244.997
1.001	14.699			
8/16/2016 10:00:00 AM	475200.000	25.818	16.901	58.848
1493.830	1767.214	0.903	1201.706	669.420
0.999	14.698			
8/16/2016 10:15:00 AM	476100.000	25.816	16.901	58.843
4142.995	4901.112	2.652	3332.756	241.371
1.001	14.702			
8/16/2016 10:30:00 AM	477000.000	25.823	16.901	58.859
1494.191	1767.620	0.903	1201.982	669.258
0.999	14.703			
8/16/2016 10:45:00 AM	477900.000	25.820	16.901	58.851
4107.178	4858.778	2.627	3303.969	243.476
1.001	14.701			
8/16/2016 11:00:00 AM	478800.000	25.812	16.902	58.833
1495.139	1768.724	0.904	1202.733	668.834
0.999	14.706			
8/16/2016 11:15:00 AM	479700.000	25.809	16.901	58.827
4078.590	4824.988	2.608	3280.992	245.183
1.001	14.709			
8/16/2016 11:30:00 AM	480600.000	25.822	16.902	58.856
1492.475	1765.573	0.902	1200.589	670.028
0.999	14.697			
8/16/2016 11:45:00 AM	481500.000	25.816	16.901	58.842
4069.123	4813.731	2.601	3273.338	245.753
1.001	14.703			
8/16/2016 12:00:00 PM	482400.000	25.810	16.901	58.829
1492.465	1765.574	0.902	1200.591	670.032
0.999	14.707			
8/16/2016 12:15:00 PM	483300.000	25.815	16.901	58.839
4083.781	4831.092	2.611	3285.143	244.871
1.001	14.705			
8/16/2016 12:30:00 PM	484200.000	25.808	16.901	58.823
1492.545	1765.675	0.902	1200.659	669.997
0.999	14.708			
8/16/2016 12:45:00 PM	485100.000	25.817	16.901	58.845
4097.975	4847.901	2.621	3296.573	244.023
1.001	14.701			
8/16/2016 1:00:00 PM	486000.000	25.813	16.902	58.835
1492.238	1765.296	0.902	1200.401	670.134
0.999	14.709			
8/16/2016 1:15:00 PM	486900.000	25.816	16.901	58.842
4116.983	4870.389	2.634	3311.865	242.896
1.001	14.708			
8/16/2016 1:30:00 PM	487800.000	25.813	16.902	58.837
1492.115	1765.129	0.902	1200.288	670.190
0.999	14.704			
8/16/2016 1:45:00 PM	488700.000	25.812	16.901	58.832
4100.429	4850.756	2.623	3298.515	243.877

1.001	14.708			
8/16/2016 2:00:00 PM	489600.000	25.815	16.901	58.841
1491.944	1764.987	0.902	1200.191	670.266
0.999	14.703			
8/16/2016 2:15:00 PM	490500.000	25.813	16.901	58.835
4134.109	4890.600	2.646	3325.608	241.890
1.001	14.708			
8/16/2016 2:30:00 PM	491400.000	25.815	16.902	58.840
1501.826	1776.628	0.908	1208.107	665.856
0.999	14.699			
8/16/2016 2:45:00 PM	492300.000	25.820	16.901	58.853
4096.141	4845.721	2.620	3295.090	244.132
1.001	14.697			
8/16/2016 3:00:00 PM	493200.000	25.814	16.901	58.839
1493.186	1766.431	0.903	1201.173	669.709
0.999	14.696			
8/16/2016 3:15:00 PM	494100.000	25.817	16.901	58.846
4168.138	4930.874	2.669	3352.994	239.915
1.001	14.693			
8/16/2016 3:30:00 PM	495000.000	25.816	16.901	58.842
1491.868	1764.875	0.902	1200.115	670.301
0.999	14.693			
8/16/2016 3:45:00 PM	495900.000	25.817	16.901	58.845
4149.583	4908.924	2.656	3338.069	240.988
1.001	14.693			
8/16/2016 4:00:00 PM	496800.000	25.815	16.901	58.841
1493.075	1766.296	0.903	1201.081	669.759
0.999	14.690			
8/16/2016 4:15:00 PM	497700.000	25.813	16.900	58.836
4137.152	4894.345	2.648	3328.155	241.712
1.001	14.691			
8/16/2016 4:30:00 PM	498600.000	25.811	16.900	58.831
1491.415	1764.363	0.902	1199.767	670.504
0.999	14.690			
8/16/2016 4:45:00 PM	499500.000	25.818	16.901	58.847
4104.250	4855.354	2.625	3301.641	243.650
1.001	14.687			
8/16/2016 5:00:00 PM	500400.000	25.813	16.901	58.836
1492.150	1765.226	0.902	1200.354	670.174
0.999	14.691			
8/16/2016 5:15:00 PM	501300.000	25.816	16.901	58.842
4092.909	4841.897	2.618	3292.490	244.325
1.001	14.689			
8/16/2016 5:30:00 PM	502200.000	25.816	16.901	58.842
1491.900	1764.909	0.902	1200.138	670.286
0.999	14.685			
8/16/2016 5:45:00 PM	503100.000	25.818	16.901	58.847
4111.005	4863.335	2.630	3307.068	243.249
1.001	14.681			
8/16/2016 6:00:00 PM	504000.000	25.814	16.901	58.838
1491.427	1764.357	0.902	1199.763	670.499
0.999	14.684			
8/16/2016 6:15:00 PM	504900.000	25.816	16.902	58.843
4130.776	4886.638	2.643	3322.914	242.085
1.001	14.680			
8/16/2016 6:30:00 PM	505800.000	25.823	16.901	58.858
1491.585	1764.540	0.902	1199.888	670.428

0.999	14.677			
8/16/2016 6:45:00 PM	506700.000	25.821	16.901	58.854
4081.084	4827.938	2.610	3282.999	245.033
1.001	14.679			
8/16/2016 7:00:00 PM	507600.000	25.816	16.900	58.842
1491.676	1764.687	0.902	1199.987	670.387
0.999	14.679			
8/16/2016 7:15:00 PM	508500.000	25.816	16.901	58.842
4113.398	4866.157	2.631	3308.987	243.108
1.001	14.681			
8/16/2016 7:30:00 PM	509400.000	25.814	16.900	58.838
1492.194	1765.289	0.902	1200.396	670.154
0.999	14.685			
8/16/2016 7:45:00 PM	510300.000	25.817	16.901	58.845
4121.169	4875.341	2.637	3315.232	242.650
1.001	14.682			
8/16/2016 8:00:00 PM	511200.000	25.816	16.901	58.844
1492.339	1765.429	0.902	1200.492	670.089
0.999	14.682			
8/16/2016 8:15:00 PM	512100.000	25.822	16.901	58.857
4134.940	4891.632	2.646	3326.310	241.841
1.001	14.679			
8/16/2016 8:30:00 PM	513000.000	25.816	16.901	58.842
1491.969	1764.999	0.902	1200.199	670.255
0.999	14.685			
8/16/2016 8:45:00 PM	513900.000	25.813	16.901	58.835
4106.426	4857.909	2.627	3303.378	243.521
1.001	14.690			
8/16/2016 9:00:00 PM	514800.000	25.816	16.901	58.843
1491.077	1763.932	0.901	1199.474	670.656
0.999	14.690			
8/16/2016 9:15:00 PM	515700.000	25.821	16.901	58.854
4132.559	4888.824	2.645	3324.401	241.981
1.001	14.691			
8/16/2016 9:30:00 PM	516600.000	25.810	16.901	58.828
1491.032	1763.901	0.901	1199.453	670.676
0.999	14.695			
8/16/2016 9:45:00 PM	517500.000	25.814	16.901	58.839
4073.734	4819.263	2.605	3277.099	245.475
1.001	14.690			
8/16/2016 10:00:00 PM	518400.000	25.814	16.901	58.838
1490.694	1763.479	0.901	1199.166	670.829
0.999	14.695			
8/16/2016 10:15:00 PM	519300.000	25.811	16.901	58.832
4123.593	4878.208	2.638	3317.182	242.507
1.001	14.696			
8/16/2016 10:30:00 PM	520200.000	25.814	16.901	58.838
1491.384	1764.306	0.902	1199.728	670.518
0.999	14.689			
8/16/2016 10:45:00 PM	521100.000	25.816	16.901	58.843
4098.336	4848.299	2.621	3296.844	244.001
1.001	14.689			
8/16/2016 11:00:00 PM	522000.000	25.817	16.901	58.846
1491.145	1764.035	0.901	1199.544	670.625
0.999	14.686			
8/16/2016 11:15:00 PM	522900.000	25.811	16.901	58.832
4095.425	4844.903	2.619	3294.534	244.175

1.001	14.688			
8/16/2016 11:30:00 PM	523800.000	25.816	16.901	58.844
1490.909	1763.740	0.901	1199.343	670.732
0.999	14.685			
8/16/2016 11:45:00 PM	524700.000	25.817	16.901	58.844
4069.666	4814.401	2.602	3273.793	245.720
1.001	14.686			
8/17/2016 12:00:00 AM	525600.000	25.818	16.901	58.847
1500.944	1775.612	0.908	1207.416	666.247
0.999	14.687			
8/17/2016 12:15:00 AM	526500.000	25.812	16.901	58.834
4052.423	4793.985	2.590	3259.910	246.766
1.001	14.688			
8/17/2016 12:30:00 AM	527400.000	25.811	16.902	58.831
1500.479	1775.038	0.907	1207.026	666.454
0.999	14.686			
8/17/2016 12:45:00 AM	528300.000	25.814	16.901	58.838
4032.967	4770.968	2.577	3244.259	247.956
1.001	14.687			
8/17/2016 1:00:00 AM	529200.000	25.814	16.901	58.837
1500.469	1775.054	0.907	1207.037	666.458
0.999	14.685			
8/17/2016 1:15:00 AM	530100.000	25.813	16.901	58.835
4028.484	4765.684	2.574	3240.666	248.232
1.001	14.685			
8/17/2016 1:30:00 AM	531000.000	25.817	16.901	58.844
1500.304	1774.847	0.907	1206.896	666.532
0.999	14.683			
8/17/2016 1:45:00 AM	531900.000	25.815	16.901	58.841
4070.344	4815.243	2.602	3274.366	245.679
1.001	14.678			
8/17/2016 2:00:00 AM	532800.000	25.821	16.900	58.854
1501.307	1776.066	0.908	1207.725	666.086
0.999	14.678			
8/17/2016 2:15:00 AM	533700.000	25.820	16.901	58.852
4072.724	4818.030	2.604	3276.260	245.536
1.001	14.671			
8/17/2016 2:30:00 AM	534600.000	25.815	16.901	58.841
1491.146	1764.014	0.901	1199.530	670.625
0.999	14.678			
8/17/2016 2:45:00 AM	535500.000	25.822	16.901	58.855
4077.507	4823.677	2.607	3280.101	245.248
1.001	14.669			
8/17/2016 3:00:00 AM	536400.000	25.815	16.901	58.841
1490.850	1763.689	0.901	1199.308	670.758
0.999	14.675			
8/17/2016 3:15:00 AM	537300.000	25.820	16.900	58.852
4052.327	4793.958	2.590	3259.891	246.772
1.001	14.670			
8/17/2016 3:30:00 AM	538200.000	25.819	16.901	58.850
1500.568	1775.171	0.907	1207.117	666.414
0.999	14.671			
8/17/2016 3:45:00 AM	539100.000	25.817	16.901	58.844
4040.471	4779.884	2.582	3250.321	247.496
1.001	14.669			
8/17/2016 4:00:00 AM	540000.000	25.822	16.902	58.856
1499.807	1774.245	0.907	1206.487	666.753

0.999	14.664			
8/17/2016 4:15:00 AM	540900.000	25.818	16.901	58.848
4054.106	4796.014	2.591	3261.290	246.663
1.001	14.670			
8/17/2016 4:30:00 AM	541800.000	25.817	16.901	58.845
1490.265	1762.993	0.901	1198.835	671.022
0.999	14.672			
8/17/2016 4:45:00 AM	542700.000	25.817	16.901	58.846
4085.226	4832.781	2.612	3286.291	244.785
1.001	14.663			
8/17/2016 5:00:00 AM	543600.000	25.819	16.901	58.849
1500.568	1775.167	0.907	1207.113	666.414
0.999	14.668			
8/17/2016 5:15:00 AM	544500.000	25.820	16.901	58.853
4078.300	4824.626	2.608	3280.746	245.200
1.001	14.664			
8/17/2016 5:30:00 AM	545400.000	25.815	16.901	58.841
1500.159	1774.683	0.907	1206.785	666.596
0.999	14.669			
8/17/2016 5:45:00 AM	546300.000	25.823	16.901	58.859
4049.621	4790.708	2.588	3257.682	246.937
1.001	14.664			
8/17/2016 6:00:00 AM	547200.000	25.819	16.901	58.849
1499.344	1773.705	0.907	1206.119	666.959
0.999	14.663			
8/17/2016 6:15:00 AM	548100.000	25.818	16.901	58.848
4027.520	4764.554	2.573	3239.896	248.292
1.001	14.668			
8/17/2016 6:30:00 AM	549000.000	25.816	16.901	58.843
1498.759	1773.017	0.906	1205.652	667.219
0.999	14.671			
8/17/2016 6:45:00 AM	549900.000	25.811	16.901	58.832
4076.424	4822.425	2.606	3279.250	245.313
1.001	14.672			
8/17/2016 7:00:00 AM	550800.000	25.809	16.901	58.827
1499.222	1773.561	0.907	1206.021	667.013
0.999	14.675			
8/17/2016 7:15:00 AM	551700.000	25.816	16.901	58.842
4035.776	4774.330	2.579	3246.545	247.784
1.001	14.674			
8/17/2016 7:30:00 AM	552600.000	25.807	16.901	58.822
1499.056	1773.378	0.906	1205.897	667.087
0.999	14.683			
8/17/2016 7:45:00 AM	553500.000	25.814	16.901	58.837
4019.743	4755.383	2.568	3233.660	248.772
1.001	14.681			
8/17/2016 8:00:00 AM	554400.000	25.815	16.901	58.839
1498.029	1772.179	0.906	1205.081	667.544
0.999	14.681			
8/17/2016 8:15:00 AM	555300.000	25.807	16.901	58.822
4018.553	4753.927	2.567	3232.670	248.846
1.001	14.686			
8/17/2016 8:30:00 AM	556200.000	25.808	16.900	58.825
1497.765	1771.875	0.906	1204.875	667.662
0.999	14.686			
8/17/2016 8:45:00 AM	557100.000	25.808	16.901	58.825
4023.277	4759.582	2.570	3236.516	248.554

1.001	14.684				
8/17/2016 9:00:00 AM	558000.000	25.808	16.901	58.823	
1498.107	1772.246	0.906	1205.127	667.509	
0.999	14.686				
8/17/2016 9:15:00 AM	558900.000	25.812	16.900	58.834	
4021.753	4757.788	2.569	3235.296	248.648	
1.001	14.681				
8/17/2016 9:30:00 AM	559800.000	25.816	16.901	58.843	
1497.975	1772.097	0.906	1205.026	667.568	
0.999	14.684				
8/17/2016 9:45:00 AM	560700.000	25.813	16.901	58.836	
4009.153	4742.788	2.561	3225.096	249.429	
1.001	14.686				
8/17/2016 10:00:00 AM	561600.000	25.814	16.901	58.838	
1497.148	1771.128	0.905	1204.367	667.937	
0.999	14.684				
8/17/2016 10:15:00 AM	562500.000	25.807	16.901	58.823	
4035.029	4773.426	2.578	3245.929	247.830	
1.001	14.684				
8/17/2016 10:30:00 AM	563400.000	25.807	16.900	58.823	
1497.522	1771.603	0.906	1204.690	667.770	
0.999	14.687				
8/17/2016 10:45:00 AM	564300.000	25.815	16.901	58.840	
4059.237	4802.104	2.595	3265.431	246.352	
1.001	14.684				
8/17/2016 11:00:00 AM	565200.000	25.807	16.901	58.821	
1497.666	1771.756	0.906	1204.794	667.706	
0.999	14.685				
8/17/2016 11:15:00 AM	566100.000	25.811	16.901	58.830	
4018.886	4754.358	2.567	3232.964	248.825	
1.001	14.682				
8/17/2016 11:30:00 AM	567000.000	25.809	16.901	58.828	
1496.970	1770.922	0.905	1204.227	668.016	
0.999	14.683				
8/17/2016 11:45:00 AM	567900.000	25.814	16.901	58.839	
4035.117	4773.550	2.578	3246.014	247.824	
1.001	14.680				
8/17/2016 12:00:00 PM	568800.000	25.817	16.901	58.845	
1497.600	1771.659	0.906	1204.729	667.735	
0.999	14.677				
8/17/2016 12:15:00 PM	569700.000	25.816	16.901	58.842	
4058.226	4800.897	2.594	3264.610	246.413	
1.001	14.679				
8/17/2016 12:30:00 PM	570600.000	-0.027	18.803	-0.061	
0.000	0.000	0.000	0.000	10000000.000	
0.998	14.693				

Report Date: 8/19/2016 12:30:38 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9S LT Test_2016-08-18_15-23-10-808-BaroMerge.wsl
Create Date: 8/19/2016 12:27:42 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.012

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time Note

8/17/2016 12:56:59 PM Used Battery: 9% Used Memory: 7% User Name: SKuiper
8/18/2016 3:22:43 PM Log Download - Used Battery: 9% Used Memory: 7% User Name: SKuiper Interval -
Start Time: 8/10/2016 10:30:00 PM Stop Time: 8/18/2016 4:15:00 PM
8/19/2016 12:27:42 AM User Note: "Pressure & Level adjusted by baro data from: "MPWSP
Barotroll_Append_2016-08-18_18-17-40-005.wsl"

Log Data:

Record Count: 104
Sensors: 2
1 - 427634: PCTD 100 PSIA (60.1m/197.3ft)
2 - 0: Baro-Adjustment Calc
Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A)
197.3ft Sensor: PCTD(A) 197.3ft Sensor: PCTD(A) 197.3ft Sensor: Baro-Adj Calc
SN#: 427634 SN#: 427634 SN#: 427634 SN#:
427634 SN#: 427634 SN#: 427634 SN#: 427634 SN#: 427634
SN#: 427634 SN#: 000000

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

8/17/2016 1:30:00 PM	0.000	25.817	16.960	58.845
3903.330	4611.465	2.486	3.136	256.192
1.001	14.669			
8/17/2016 1:45:00 PM	900.001	25.816	16.901	58.842
3894.192	4606.858	2.483	3.133	256.793
1.001	14.673			
8/17/2016 2:00:00 PM	1800.001	25.817	16.899	58.846
3906.074	4621.043	2.491	3.142	256.012
1.001	14.668			
8/17/2016 2:15:00 PM	2700.001	25.814	16.899	58.837
3915.255	4631.958	2.497	3.150	255.411
1.001	14.675			
8/17/2016 2:30:00 PM	3600.001	25.809	16.898	58.826
3921.750	4639.734	2.502	3.155	254.988
1.001	14.680			
8/17/2016 2:45:00 PM	4500.001	25.812	16.899	58.834

3929.191	4648.456	2.507	3.161	254.505
1.001	14.674			
8/17/2016 3:00:00 PM	5400.001	25.815	16.899	58.841
3936.564	4657.168	2.512	3.167	254.029
1.001	14.671			
8/17/2016 3:15:00 PM	6300.001	25.811	16.898	58.830
3945.490	4667.793	2.518	3.174	253.454
1.001	14.671			
8/17/2016 3:30:00 PM	7200.001	25.816	16.899	58.843
3953.044	4676.702	2.523	3.180	252.970
1.001	14.668			
8/17/2016 3:45:00 PM	8100.001	25.815	16.898	58.839
3959.297	4684.129	2.527	3.185	252.570
1.001	14.669			
8/17/2016 4:00:00 PM	9000.001	25.810	16.898	58.829
3966.066	4692.146	2.532	3.191	252.139
1.001	14.668			
8/17/2016 4:15:00 PM	9900.001	25.819	16.898	58.849
3973.988	4701.536	2.537	3.197	251.636
1.001	14.659			
8/17/2016 4:30:00 PM	10800.001	25.816	16.898	58.842
3979.182	4707.635	2.540	3.201	251.308
1.001	14.662			
8/17/2016 4:45:00 PM	11700.001	25.818	16.898	58.846
3984.748	4714.286	2.544	3.206	250.957
1.001	14.660			
8/17/2016 5:00:00 PM	12600.001	25.815	16.898	58.839
3991.256	4722.004	2.549	3.211	250.548
1.001	14.661			
8/17/2016 5:15:00 PM	13500.001	25.818	16.898	58.846
3996.440	4728.080	2.552	3.215	250.223
1.001	14.657			
8/17/2016 5:30:00 PM	14400.001	25.814	16.899	58.838
4002.613	4735.345	2.556	3.220	249.837
1.001	14.660			
8/17/2016 5:45:00 PM	15300.001	25.814	16.898	58.838
4006.538	4740.018	2.559	3.223	249.592
1.001	14.661			
8/17/2016 6:00:00 PM	16200.001	25.816	16.898	58.843
4010.895	4745.191	2.562	3.227	249.321
1.001	14.657			
8/17/2016 6:15:00 PM	17100.001	25.818	16.898	58.848
4016.128	4751.345	2.566	3.231	248.996
1.001	14.653			
8/17/2016 6:30:00 PM	18000.001	25.816	16.898	58.843
4020.671	4756.739	2.569	3.235	248.715
1.001	14.655			
8/17/2016 6:45:00 PM	18900.001	25.813	16.898	58.837
4025.202	4762.107	2.572	3.238	248.435
1.001	14.660			
8/17/2016 7:00:00 PM	19800.001	25.810	16.898	58.829
4030.027	4767.826	2.575	3.242	248.137
1.001	14.656			
8/17/2016 7:15:00 PM	20700.001	25.819	16.898	58.850

4034.037	4772.607	2.578	3.245	247.891
1.001	14.651			
8/17/2016 7:30:00 PM	21600.001	25.814	16.898	58.838
4038.034	4777.354	2.580	3.249	247.645
1.001	14.654			
8/17/2016 7:45:00 PM	22500.001	25.813	16.898	58.836
4041.456	4781.347	2.583	3.251	247.436
1.001	14.654			
8/17/2016 8:00:00 PM	23400.001	25.814	16.898	58.839
4045.426	4786.033	2.585	3.255	247.193
1.001	14.657			
8/17/2016 8:15:00 PM	24300.001	25.815	16.898	58.840
4048.089	4789.261	2.587	3.257	247.030
1.001	14.659			
8/17/2016 8:30:00 PM	25200.001	25.806	16.897	58.820
4050.247	4791.852	2.589	3.258	246.899
1.001	14.664			
8/17/2016 8:45:00 PM	26100.001	25.809	16.898	58.826
4053.585	4795.733	2.591	3.261	246.695
1.001	14.666			
8/17/2016 9:00:00 PM	27000.001	25.805	16.898	58.818
4055.167	4797.569	2.592	3.262	246.599
1.001	14.667			
8/17/2016 9:15:00 PM	27900.001	25.814	16.899	58.838
4058.873	4801.896	2.595	3.265	246.374
1.001	14.663			
8/17/2016 9:30:00 PM	28800.001	25.808	16.897	58.825
4061.511	4805.149	2.596	3.268	246.214
1.001	14.667			
8/17/2016 9:45:00 PM	29700.001	25.808	16.898	58.824
4064.693	4808.819	2.599	3.270	246.021
1.001	14.668			
8/17/2016 10:00:00 PM	30600.001	25.806	16.898	58.821
4066.892	4811.439	2.600	3.272	245.888
1.001	14.668			
8/17/2016 10:15:00 PM	31500.001	25.815	16.898	58.841
4069.641	4814.654	2.602	3.274	245.722
1.001	14.659			
8/17/2016 10:30:00 PM	32400.001	25.812	16.898	58.833
4071.205	4816.523	2.603	3.275	245.628
1.001	14.662			
8/17/2016 10:45:00 PM	33300.001	25.805	16.897	58.817
4072.977	4818.715	2.604	3.277	245.521
1.001	14.669			
8/17/2016 11:00:00 PM	34200.001	25.809	16.898	58.826
4075.529	4821.628	2.606	3.279	245.367
1.001	14.665			
8/17/2016 11:15:00 PM	35100.001	25.806	16.898	58.820
4077.463	4823.936	2.607	3.280	245.251
1.001	14.666			
8/17/2016 11:30:00 PM	36000.001	25.809	16.898	58.826
4080.451	4827.529	2.609	3.283	245.071
1.001	14.663			
8/17/2016 11:45:00 PM	36900.001	25.807	16.898	58.822

4083.430
1.001

4831.073
14.668

2.611

3.285

244.892

Report Date: 8/19/2016 12:32:49 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP CEMEX Dredge Pond_2016-08-18_17-55-01-123-BaroMerge.wsl
Create Date: 8/19/2016 12:27:41 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/13/2016 6:06:28 PM	Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/13/2016 7:44:56 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: nreynolds
7/14/2016 8:35:09 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: ELinden Interval - Start Time: 7/13/2016 5:30:00 PM Stop Time: 7/14/2016 9:30:00 PM
7/21/2016 6:41:39 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: SKuiper
7/28/2016 8:17:04 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 8:15:00 PM
8/4/2016 6:44:30 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: SKuiper Interval - Start Time: 6/30/2016 10:00:00 PM Stop Time: 8/4/2016 7:00:00 PM
8/11/2016 5:53:17 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: ELinden Interval - Start Time: 8/3/2016 12:00:00 PM Stop Time: 8/11/2016 6:15:00 PM
8/18/2016 5:54:34 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: SKuiper Interval - Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 6:00:00 PM
8/19/2016 12:27:41 AM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl""

Log Data:

Record Count: 376

Sensors: 2

1 - 451585: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc	
SN#: 451585	SN#: 451585	SN#: 451585	SN#: 451585
SN#: 000000	SN#: 451585	SN#: 451585	SN#: 451585

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	
Water Density (g/cm3)	Resistivity (ohm-cm)	Barometric Pressure (PSI)		
8/11/2016 12:00:00 AM	7200.000	6.994	14.314	15.755
40129.289	50419.941	33.018	34.286	1.025
24.919	14.708			
8/11/2016 12:30:00 AM	9000.000	6.988	14.321	15.741
40126.703	50408.758	33.011	34.278	1.025
24.921	14.713			
8/11/2016 1:00:00 AM	10800.000	6.982	14.316	15.727
40123.086	50409.574	33.011	34.279	1.025
24.923	14.718			
8/11/2016 1:30:00 AM	12600.000	6.986	14.319	15.736
40133.961	50420.137	33.019	34.286	1.025
24.917	14.715			

8/11/2016 2:00:00 AM	14400.000	6.988	14.322	15.741
40145.855	50431.109	33.027	34.293	1.025
24.909	14.715			
8/11/2016 2:30:00 AM	16200.000	6.983	14.308	15.729
40117.551	50413.234	33.013	34.281	1.025
24.927	14.717			
8/11/2016 3:00:00 AM	18000.000	6.981	14.313	15.725
40132.820	50425.887	33.023	34.290	1.025
24.917	14.718			
8/11/2016 3:30:00 AM	19800.000	6.981	14.314	15.726
40108.633	50394.629	33.000	34.268	1.025
24.932	14.714			
8/11/2016 4:00:00 AM	21600.000	6.979	14.310	15.721
40101.539	50389.590	32.996	34.265	1.025
24.937	14.713			
8/11/2016 4:30:00 AM	23400.000	6.981	14.314	15.725
40126.313	50416.949	33.016	34.284	1.025
24.921	14.710			
8/11/2016 5:00:00 AM	25200.000	6.976	14.315	15.714
40115.039	50400.867	33.005	34.273	1.025
24.928	14.713			
8/11/2016 5:30:00 AM	27000.000	6.978	14.308	15.719
40111.738	50405.293	33.007	34.276	1.025
24.930	14.713			
8/11/2016 6:00:00 AM	28800.000	6.980	14.313	15.722
40144.121	50440.508	33.033	34.300	1.025
24.910	14.718			
8/11/2016 6:30:00 AM	30600.000	6.985	14.306	15.734
40110.520	50406.863	33.008	34.277	1.025
24.931	14.718			
8/11/2016 7:00:00 AM	32400.000	6.968	14.284	15.697
40111.613	50434.090	33.026	34.295	1.025
24.930	14.732			
8/11/2016 7:30:00 AM	34200.000	6.981	14.285	15.725
40099.043	50416.887	33.014	34.283	1.025
24.938	14.734			
8/11/2016 8:00:00 AM	36000.000	6.976	14.296	15.713
40121.105	50431.543	33.025	34.293	1.025
24.925	14.745			
8/11/2016 8:30:00 AM	37800.000	6.976	14.294	15.715
40124.867	50438.520	33.030	34.298	1.025
24.922	14.748			
8/11/2016 9:00:00 AM	39600.000	6.979	14.294	15.721
40111.086	50421.953	33.018	34.287	1.025
24.931	14.748			
8/11/2016 9:30:00 AM	41400.000	6.976	14.292	15.714
40120.543	50435.234	33.028	34.296	1.025
24.925	14.753			
8/11/2016 10:00:00 AM	43200.000	6.952	14.286	15.661
40124.828	50448.559	33.037	34.305	1.025
24.922	14.758			
8/11/2016 10:30:00 AM	45000.000	6.916	14.290	15.578
40138.906	50461.750	33.047	34.314	1.025
24.913	14.759			
8/11/2016 11:00:00 AM	46800.000	6.877	14.299	15.490
40118.117	50424.027	33.020	34.288	1.025
24.926	14.762			

8/11/2016 11:30:00 AM	48600.000	6.852	14.309	15.435
40099.074	50388.625	32.995	34.264	1.025
24.938	14.756			
8/11/2016 12:00:00 PM	50400.000	6.818	14.308	15.358
40125.750	50422.902	33.020	34.288	1.025
24.922	14.760			
8/11/2016 12:30:00 PM	52200.000	6.789	14.326	15.293
40154.230	50437.457	33.032	34.297	1.025
24.904	14.757			
8/11/2016 1:00:00 PM	54000.000	6.758	14.334	15.224
40139.164	50408.344	33.012	34.278	1.025
24.913	14.758			
8/11/2016 1:30:00 PM	55800.000	6.727	14.356	15.152
40171.918	50422.379	33.024	34.287	1.025
24.893	14.759			
8/11/2016 2:00:00 PM	57600.000	6.706	14.374	15.106
40172.816	50402.637	33.011	34.274	1.025
24.892	14.760			
8/11/2016 2:30:00 PM	59400.000	6.717	14.394	15.130
40221.012	50439.125	33.039	34.299	1.025
24.863	14.755			
8/11/2016 3:00:00 PM	61200.000	6.706	14.407	15.106
40199.625	50395.527	33.008	34.269	1.025
24.876	14.755			
8/11/2016 3:30:00 PM	63000.000	6.672	14.423	15.029
40199.840	50376.570	32.996	34.256	1.025
24.876	14.754			
8/11/2016 4:00:00 PM	64800.000	6.647	14.428	14.973
40213.031	50387.109	33.004	34.263	1.025
24.868	14.747			
8/11/2016 4:30:00 PM	66600.000	6.614	14.436	14.899
40229.648	50398.641	33.013	34.271	1.025
24.857	14.746			
8/11/2016 5:00:00 PM	68400.000	6.586	14.453	14.836
40246.309	50398.586	33.015	34.271	1.025
24.847	14.747			
8/11/2016 5:30:00 PM	70200.000	6.558	14.475	14.772
40312.246	50455.418	33.058	34.310	1.025
24.806	14.746			
8/11/2016 6:00:00 PM	72000.000	6.573	14.467	14.806
40263.672	50403.473	33.019	34.274	1.025
24.836	14.741			
8/11/2016 6:30:00 PM	73800.000	6.580	14.468	14.821
40234.664	50366.203	32.992	34.249	1.025
24.854	14.741			
8/11/2016 7:00:00 PM	75600.000	6.590	14.489	14.844
40277.672	50394.648	33.015	34.268	1.025
24.828	14.739			
8/11/2016 7:30:00 PM	77400.000	6.597	14.489	14.860
40281.270	50400.016	33.019	34.272	1.025
24.825	14.741			
8/11/2016 8:00:00 PM	79200.000	6.609	14.497	14.886
40276.453	50384.289	33.008	34.261	1.025
24.828	14.739			
8/11/2016 8:30:00 PM	81000.000	6.613	14.507	14.896
40247.922	50336.457	32.974	34.229	1.025
24.846	14.744			

8/11/2016 9:00:00 PM	82800.000	6.630	14.498	14.934
40305.180	50417.984	33.033	34.284	1.025
24.811	14.739			
8/11/2016 9:30:00 PM	84600.000	6.631	14.502	14.937
40312.781	50422.684	33.036	34.287	1.025
24.806	14.749			
8/11/2016 10:00:00 PM	86400.000	6.641	14.504	14.958
40304.082	50409.793	33.027	34.279	1.025
24.811	14.747			
8/11/2016 10:30:00 PM	88200.000	6.650	14.503	14.979
40317.871	50428.215	33.040	34.291	1.025
24.803	14.745			
8/11/2016 11:00:00 PM	90000.000	6.657	14.492	14.996
40273.586	50386.352	33.009	34.263	1.025
24.830	14.743			
8/11/2016 11:30:00 PM	91800.000	6.660	14.500	15.002
40322.664	50438.465	33.048	34.298	1.025
24.800	14.748			
8/12/2016 12:00:00 AM	93600.000	6.666	14.492	15.016
40287.105	50403.266	33.021	34.274	1.025
24.822	14.748			
8/12/2016 12:30:00 AM	95400.000	6.667	14.506	15.018
40308.848	50413.406	33.030	34.281	1.025
24.808	14.749			
8/12/2016 1:00:00 AM	97200.000	6.676	14.507	15.038
40307.461	50410.066	33.028	34.279	1.025
24.809	14.746			
8/12/2016 1:30:00 AM	99000.000	6.680	14.491	15.048
40302.082	50422.957	33.036	34.288	1.025
24.813	14.746			
8/12/2016 2:00:00 AM	100800.000	6.684	14.482	15.057
40262.313	50384.602	33.007	34.262	1.025
24.837	14.743			
8/12/2016 2:30:00 AM	102600.000	6.683	14.497	15.055
40290.141	50401.090	33.020	34.273	1.025
24.820	14.746			
8/12/2016 3:00:00 AM	104400.000	6.696	14.484	15.083
40253.941	50370.711	32.997	34.252	1.025
24.842	14.736			
8/12/2016 3:30:00 AM	106200.000	6.688	14.491	15.065
40291.305	50410.008	33.026	34.279	1.025
24.819	14.744			
8/12/2016 4:00:00 AM	108000.000	6.691	14.489	15.072
40281.031	50399.500	33.018	34.272	1.025
24.826	14.743			
8/12/2016 4:30:00 AM	109800.000	6.694	14.484	15.080
40272.281	50394.301	33.014	34.268	1.025
24.831	14.742			
8/12/2016 5:00:00 AM	111600.000	6.697	14.496	15.086
40294.223	50407.262	33.025	34.277	1.025
24.817	14.742			
8/12/2016 5:30:00 AM	113400.000	6.698	14.496	15.089
40283.105	50393.246	33.014	34.267	1.025
24.824	14.746			
8/12/2016 6:00:00 AM	115200.000	6.701	14.482	15.095
40274.465	50398.848	33.017	34.271	1.025
24.830	14.751			

8/12/2016 6:30:00 AM	117000.000	6.709	14.489	15.112
40284.996	50403.926	33.022	34.275	1.025
24.823	14.750			
8/12/2016 7:00:00 AM	118800.000	6.696	14.495	15.082
40296.566	50411.480	33.028	34.280	1.025
24.816	14.755			
8/12/2016 7:30:00 AM	120600.000	6.658	14.460	14.997
40267.918	50417.324	33.029	34.284	1.025
24.834	14.760			
8/12/2016 8:00:00 AM	122400.000	6.626	14.481	14.925
40263.711	50387.316	33.009	34.263	1.025
24.836	14.758			
8/12/2016 8:30:00 AM	124200.000	6.590	14.520	14.844
40316.875	50407.242	33.026	34.277	1.025
24.804	14.763			
8/12/2016 9:00:00 AM	126000.000	6.560	14.542	14.776
40356.504	50429.723	33.045	34.292	1.025
24.779	14.761			
8/12/2016 9:30:00 AM	127800.000	6.529	14.570	14.707
40361.922	50402.219	33.027	34.274	1.025
24.776	14.765			
8/12/2016 10:00:00 AM	129600.000	6.498	14.581	14.637
40367.676	50396.230	33.024	34.269	1.025
24.772	14.768			
8/12/2016 10:30:00 AM	131400.000	6.481	14.603	14.599
40401.605	50413.066	33.038	34.281	1.025
24.751	14.759			
8/12/2016 11:00:00 AM	133200.000	6.447	14.644	14.523
40426.250	50394.215	33.027	34.268	1.025
24.736	14.770			
8/12/2016 11:30:00 AM	135000.000	6.427	14.679	14.478
40478.727	50418.125	33.048	34.284	1.025
24.704	14.764			
8/12/2016 12:00:00 PM	136800.000	6.395	14.699	14.406
40500.078	50420.340	33.051	34.286	1.025
24.691	14.768			
8/12/2016 12:30:00 PM	138600.000	6.371	14.711	14.351
40495.625	50399.949	33.037	34.272	1.025
24.694	14.769			
8/12/2016 1:00:00 PM	140400.000	6.361	14.751	14.328
40527.059	50392.078	33.035	34.267	1.025
24.675	14.764			
8/12/2016 1:30:00 PM	142200.000	6.347	14.755	14.296
40543.262	50406.625	33.046	34.277	1.025
24.665	14.760			
8/12/2016 2:00:00 PM	144000.000	6.326	14.785	14.250
40548.555	50378.102	33.027	34.257	1.024
24.662	14.763			
8/12/2016 2:30:00 PM	145800.000	6.312	14.800	14.219
40563.270	50377.895	33.028	34.257	1.024
24.653	14.761			
8/12/2016 3:00:00 PM	147600.000	6.292	14.829	14.173
40581.066	50364.852	33.021	34.248	1.024
24.642	14.759			
8/12/2016 3:30:00 PM	149400.000	6.285	14.868	14.158
40655.301	50411.070	33.058	34.280	1.025
24.597	14.758			

8/12/2016 4:00:00 PM	151200.000	6.262	14.873	14.105
40628.176	50371.020	33.029	34.252	1.024
24.613	14.761			
8/12/2016 4:30:00 PM	153000.000	6.248	14.893	14.075
40656.879	50383.211	33.040	34.261	1.024
24.596	14.753			
8/12/2016 5:00:00 PM	154800.000	6.231	14.912	14.035
40694.035	50405.871	33.058	34.276	1.024
24.574	14.749			
8/12/2016 5:30:00 PM	156600.000	6.213	14.921	13.995
40682.285	50380.797	33.040	34.259	1.024
24.581	14.746			
8/12/2016 6:00:00 PM	158400.000	6.238	14.940	14.051
40720.023	50404.691	33.059	34.275	1.024
24.558	14.737			
8/12/2016 6:30:00 PM	160200.000	6.250	14.946	14.078
40728.441	50408.582	33.062	34.278	1.024
24.553	14.735			
8/12/2016 7:00:00 PM	162000.000	6.270	14.937	14.123
40709.816	50395.734	33.052	34.269	1.024
24.564	14.730			
8/12/2016 7:30:00 PM	163800.000	6.280	14.927	14.146
40693.512	50387.961	33.046	34.264	1.024
24.574	14.732			
8/12/2016 8:00:00 PM	165600.000	6.299	14.933	14.190
40684.938	50369.656	33.033	34.251	1.024
24.579	14.728			
8/12/2016 8:30:00 PM	167400.000	6.308	14.917	14.210
40691.609	50397.609	33.052	34.270	1.024
24.575	14.734			
8/12/2016 9:00:00 PM	169200.000	6.326	14.894	14.250
40644.531	50366.867	33.028	34.249	1.024
24.604	14.734			
8/12/2016 9:30:00 PM	171000.000	6.335	14.885	14.271
40639.270	50371.074	33.030	34.252	1.024
24.607	14.741			
8/12/2016 10:00:00 PM	172800.000	6.352	14.891	14.308
40641.594	50366.594	33.027	34.249	1.024
24.605	14.737			
8/12/2016 10:30:00 PM	174600.000	6.353	14.858	14.311
40635.070	50398.316	33.048	34.271	1.024
24.609	14.746			
8/12/2016 11:00:00 PM	176400.000	6.371	14.871	14.352
40643.883	50393.531	33.045	34.268	1.024
24.604	14.739			
8/12/2016 11:30:00 PM	178200.000	6.380	14.829	14.372
40589.258	50375.348	33.029	34.255	1.024
24.637	14.738			
8/13/2016 12:00:00 AM	180000.000	6.400	14.819	14.417
40580.809	50377.086	33.029	34.256	1.024
24.642	14.732			
8/13/2016 12:30:00 AM	181800.000	6.407	14.803	14.433
40572.883	50386.461	33.035	34.263	1.025
24.647	14.732			
8/13/2016 1:00:00 AM	183600.000	6.417	14.795	14.455
40550.871	50367.875	33.020	34.250	1.024
24.660	14.728			

8/13/2016 1:30:00 AM	185400.000	6.418	14.796	14.458
40543.844	50358.637	33.014	34.244	1.024
24.665	14.737			
8/13/2016 2:00:00 AM	187200.000	6.432	14.793	14.488
40554.391	50375.527	33.026	34.255	1.024
24.658	14.726			
8/13/2016 2:30:00 AM	189000.000	6.437	14.786	14.499
40564.152	50396.000	33.040	34.269	1.025
24.652	14.725			
8/13/2016 3:00:00 AM	190800.000	6.443	14.779	14.514
40532.762	50365.668	33.017	34.249	1.024
24.671	14.723			
8/13/2016 3:30:00 AM	192600.000	6.449	14.777	14.526
40537.121	50373.398	33.023	34.254	1.024
24.669	14.722			
8/13/2016 4:00:00 AM	194400.000	6.457	14.768	14.545
40550.711	50400.965	33.042	34.273	1.025
24.660	14.718			
8/13/2016 4:30:00 AM	196200.000	6.468	14.767	14.569
40526.188	50371.859	33.021	34.253	1.024
24.675	14.712			
8/13/2016 5:00:00 AM	198000.000	6.472	14.756	14.579
40530.152	50389.465	33.033	34.265	1.025
24.673	14.713			
8/13/2016 5:30:00 AM	199800.000	6.475	14.751	14.586
40523.645	50387.617	33.031	34.264	1.025
24.677	14.717			
8/13/2016 6:00:00 AM	201600.000	6.475	14.744	14.585
40497.523	50363.070	33.013	34.247	1.024
24.693	14.720			
8/13/2016 6:30:00 AM	203400.000	6.491	14.738	14.623
40501.188	50374.289	33.021	34.255	1.025
24.691	14.715			
8/13/2016 7:00:00 AM	205200.000	6.490	14.733	14.619
40537.715	50425.965	33.058	34.290	1.025
24.668	14.724			
8/13/2016 7:30:00 AM	207000.000	6.496	14.734	14.634
40474.254	50346.176	33.000	34.235	1.024
24.707	14.730			
8/13/2016 8:00:00 AM	208800.000	6.502	14.732	14.646
40501.363	50381.914	33.026	34.260	1.025
24.691	14.730			
8/13/2016 8:30:00 AM	210600.000	6.506	14.710	14.656
40504.887	50412.438	33.046	34.280	1.025
24.688	14.731			
8/13/2016 9:00:00 AM	212400.000	6.508	14.698	14.660
40462.125	50374.570	33.017	34.255	1.025
24.714	14.733			
8/13/2016 9:30:00 AM	214200.000	6.517	14.710	14.679
40488.746	50393.516	33.032	34.268	1.025
24.698	14.730			
8/13/2016 10:00:00 AM	216000.000	6.525	14.709	14.698
40524.211	50437.863	33.065	34.298	1.025
24.677	14.728			
8/13/2016 10:30:00 AM	217800.000	6.531	14.697	14.711
40468.289	50383.625	33.024	34.261	1.025
24.711	14.727			

8/13/2016 11:00:00 AM	219600.000	6.534	14.691	14.719
40455.766	50375.016	33.017	34.255	1.025
24.718	14.730			
8/13/2016 11:30:00 AM	221400.000	6.538	14.688	14.727
40476.375	50403.539	33.038	34.274	1.025
24.706	14.727			
8/13/2016 12:00:00 PM	223200.000	6.544	14.688	14.741
40462.633	50387.059	33.026	34.263	1.025
24.714	14.724			
8/13/2016 12:30:00 PM	225000.000	6.547	14.685	14.748
40474.762	50405.664	33.039	34.276	1.025
24.707	14.723			
8/13/2016 1:00:00 PM	226800.000	6.551	14.681	14.758
40472.875	50408.293	33.041	34.278	1.025
24.708	14.723			
8/13/2016 1:30:00 PM	228600.000	6.562	14.663	14.782
40441.168	50390.320	33.026	34.265	1.025
24.727	14.717			
8/13/2016 2:00:00 PM	230400.000	6.568	14.673	14.796
40443.375	50380.246	33.020	34.259	1.025
24.726	14.716			
8/13/2016 2:30:00 PM	232200.000	6.569	14.670	14.796
40420.375	50356.039	33.002	34.242	1.025
24.740	14.717			
8/13/2016 3:00:00 PM	234000.000	6.578	14.669	14.817
40444.703	50387.188	33.024	34.263	1.025
24.725	14.711			
8/13/2016 3:30:00 PM	235800.000	6.579	14.645	14.820
40421.191	50386.738	33.022	34.263	1.025
24.739	14.710			
8/13/2016 4:00:00 PM	237600.000	6.582	14.663	14.826
40460.801	50414.359	33.044	34.282	1.025
24.715	14.706			
8/13/2016 4:30:00 PM	239400.000	6.592	14.649	14.849
40425.539	50386.750	33.022	34.263	1.025
24.737	14.699			
8/13/2016 5:00:00 PM	241200.000	6.594	14.662	14.854
40466.004	50421.906	33.049	34.287	1.025
24.712	14.697			
8/13/2016 5:30:00 PM	243000.000	6.600	14.647	14.867
40445.836	50415.344	33.043	34.282	1.025
24.724	14.695			
8/13/2016 6:00:00 PM	244800.000	6.607	14.643	14.883
40418.930	50386.574	33.022	34.263	1.025
24.741	14.689			
8/13/2016 6:30:00 PM	246600.000	6.611	14.648	14.891
40460.980	50432.734	33.056	34.294	1.025
24.715	14.689			
8/13/2016 7:00:00 PM	248400.000	6.611	14.634	14.891
40411.738	50387.688	33.022	34.264	1.025
24.745	14.693			
8/13/2016 7:30:00 PM	250200.000	6.622	14.646	14.917
40408.734	50370.457	33.010	34.252	1.025
24.747	14.690			
8/13/2016 8:00:00 PM	252000.000	6.631	14.640	14.937
40432.879	50407.480	33.037	34.277	1.025
24.732	14.688			

8/13/2016 8:30:00 PM	253800.000	6.637	14.629	14.951
40423.820	50409.117	33.037	34.278	1.025
24.738	14.688			
8/13/2016 9:00:00 PM	255600.000	6.643	14.635	14.965
40406.375	50380.578	33.017	34.259	1.025
24.749	14.691			
8/13/2016 9:30:00 PM	257400.000	6.652	14.619	14.983
40403.203	50395.301	33.026	34.269	1.025
24.751	14.693			
8/13/2016 10:00:00 PM	259200.000	6.656	14.623	14.992
40432.668	50426.848	33.049	34.290	1.025
24.732	14.696			
8/13/2016 10:30:00 PM	261000.000	6.663	14.621	15.008
40406.039	50397.035	33.027	34.270	1.025
24.749	14.698			
8/13/2016 11:00:00 PM	262800.000	6.671	14.618	15.028
40407.668	50402.145	33.031	34.273	1.025
24.748	14.695			
8/13/2016 11:30:00 PM	264600.000	6.678	14.624	15.044
40424.184	50415.203	33.041	34.282	1.025
24.738	14.693			
8/14/2016 12:00:00 AM	266400.000	6.683	14.611	15.055
40393.609	50393.102	33.024	34.267	1.025
24.756	14.694			
8/14/2016 12:30:00 AM	268200.000	6.692	14.624	15.074
40407.762	50395.367	33.026	34.269	1.025
24.748	14.692			
8/14/2016 1:00:00 AM	270000.000	6.693	14.610	15.077
40389.910	50389.227	33.021	34.265	1.025
24.759	14.694			
8/14/2016 1:30:00 AM	271800.000	6.703	14.627	15.099
40433.371	50424.004	33.048	34.288	1.025
24.732	14.689			
8/14/2016 2:00:00 AM	273600.000	6.707	14.614	15.107
40402.938	50401.129	33.030	34.273	1.025
24.751	14.688			
8/14/2016 2:30:00 AM	275400.000	6.710	14.623	15.116
40427.340	50420.422	33.045	34.286	1.025
24.736	14.686			
8/14/2016 3:00:00 AM	277200.000	6.722	14.644	15.142
40421.840	50388.391	33.023	34.264	1.025
24.739	14.679			
8/14/2016 3:30:00 AM	279000.000	6.724	14.637	15.146
40449.387	50431.129	33.054	34.293	1.025
24.722	14.680			
8/14/2016 4:00:00 AM	280800.000	6.723	14.615	15.145
40423.758	50425.828	33.048	34.290	1.025
24.738	14.684			
8/14/2016 4:30:00 AM	282600.000	6.731	14.604	15.162
40445.484	50466.652	33.077	34.317	1.025
24.725	14.684			
8/14/2016 5:00:00 AM	284400.000	6.741	14.596	15.185
40365.363	50375.922	33.010	34.256	1.025
24.774	14.681			
8/14/2016 5:30:00 AM	286200.000	6.739	14.582	15.181
40369.559	50398.367	33.025	34.271	1.025
24.771	14.685			

8/14/2016 6:00:00 AM	288000.000	6.744	14.572	15.192
40382.914	50426.309	33.045	34.290	1.025
24.763	14.687			
8/14/2016 6:30:00 AM	289800.000	6.743	14.565	15.189
40380.816	50432.211	33.049	34.294	1.025
24.764	14.692			
8/14/2016 7:00:00 AM	291600.000	6.746	14.563	15.196
40355.004	50402.625	33.027	34.274	1.025
24.780	14.696			
8/14/2016 7:30:00 AM	293400.000	6.757	14.556	15.221
40369.043	50428.035	33.045	34.291	1.025
24.771	14.689			
8/14/2016 8:00:00 AM	295200.000	6.758	14.551	15.224
40392.266	50463.754	33.070	34.315	1.025
24.757	14.695			
8/14/2016 8:30:00 AM	297000.000	6.755	14.548	15.215
40340.762	50402.711	33.026	34.274	1.025
24.789	14.702			
8/14/2016 9:00:00 AM	298800.000	6.756	14.542	15.219
40355.828	50429.211	33.044	34.292	1.025
24.780	14.703			
8/14/2016 9:30:00 AM	300600.000	6.767	14.538	15.243
40340.480	50414.500	33.033	34.282	1.025
24.789	14.701			
8/14/2016 10:00:00 AM	302400.000	6.761	14.533	15.230
40369.605	50457.297	33.064	34.311	1.025
24.771	14.711			
8/14/2016 10:30:00 AM	304200.000	6.770	14.535	15.251
40327.527	50402.129	33.024	34.273	1.025
24.797	14.704			
8/14/2016 11:00:00 AM	306000.000	6.772	14.537	15.254
40349.859	50427.918	33.043	34.291	1.025
24.783	14.708			
8/14/2016 11:30:00 AM	307800.000	6.777	14.524	15.266
40331.930	50420.203	33.036	34.286	1.025
24.794	14.703			
8/14/2016 12:00:00 PM	309600.000	6.777	14.531	15.267
40321.500	50398.754	33.021	34.271	1.025
24.801	14.706			
8/14/2016 12:30:00 PM	311400.000	6.787	14.519	15.288
40335.543	50430.703	33.044	34.293	1.025
24.792	14.699			
8/14/2016 1:00:00 PM	313200.000	6.792	14.522	15.299
40350.359	50446.664	33.055	34.304	1.025
24.783	14.695			
8/14/2016 1:30:00 PM	315000.000	6.792	14.517	15.299
40318.258	50412.066	33.030	34.280	1.025
24.803	14.698			
8/14/2016 2:00:00 PM	316800.000	6.797	14.521	15.310
40337.441	50431.145	33.044	34.293	1.025
24.791	14.699			
8/14/2016 2:30:00 PM	318600.000	6.798	14.520	15.312
40320.047	50410.574	33.029	34.279	1.025
24.802	14.697			
8/14/2016 3:00:00 PM	320400.000	6.804	14.518	15.327
40327.543	50422.289	33.037	34.287	1.025
24.797	14.691			

8/14/2016 3:30:00 PM	322200.000	6.804	14.514	15.326
40346.770	50451.551	33.058	34.307	1.025
24.785	14.691			
8/14/2016 4:00:00 PM	324000.000	6.813	14.506	15.348
40333.730	50445.055	33.053	34.303	1.025
24.793	14.686			
8/14/2016 4:30:00 PM	325800.000	6.816	14.522	15.353
40361.820	50460.340	33.066	34.313	1.025
24.776	14.683			
8/14/2016 5:00:00 PM	327600.000	6.813	14.504	15.346
40315.066	50424.172	33.038	34.288	1.025
24.805	14.691			
8/14/2016 5:30:00 PM	329400.000	6.824	14.505	15.371
40298.824	50402.148	33.022	34.273	1.025
24.815	14.686			
8/14/2016 6:00:00 PM	331200.000	6.823	14.495	15.370
40322.480	50443.992	33.051	34.302	1.025
24.800	14.688			
8/14/2016 6:30:00 PM	333000.000	6.830	14.495	15.385
40306.672	50424.438	33.037	34.289	1.025
24.810	14.684			
8/14/2016 7:00:00 PM	334800.000	6.834	14.492	15.394
40306.891	50427.477	33.039	34.291	1.025
24.810	14.685			
8/14/2016 7:30:00 PM	336600.000	6.840	14.499	15.407
40318.898	50434.723	33.045	34.296	1.025
24.802	14.686			
8/14/2016 8:00:00 PM	338400.000	6.842	14.505	15.412
40321.449	50430.445	33.042	34.293	1.025
24.801	14.689			
8/14/2016 8:30:00 PM	340200.000	6.844	14.509	15.417
40328.094	50434.070	33.045	34.295	1.025
24.797	14.694			
8/14/2016 9:00:00 PM	342000.000	6.845	14.502	15.420
40327.047	50441.281	33.050	34.300	1.025
24.797	14.700			
8/14/2016 9:30:00 PM	343800.000	6.855	14.502	15.443
40316.887	50428.039	33.040	34.291	1.025
24.804	14.698			
8/14/2016 10:00:00 PM	345600.000	6.863	14.507	15.459
40319.813	50425.625	33.039	34.289	1.025
24.802	14.699			
8/14/2016 10:30:00 PM	347400.000	6.869	14.502	15.472
40332.094	50447.703	33.055	34.304	1.025
24.794	14.700			
8/14/2016 11:00:00 PM	349200.000	6.876	14.512	15.488
40343.363	50449.645	33.057	34.306	1.025
24.787	14.701			
8/14/2016 11:30:00 PM	351000.000	6.883	14.517	15.504
40315.359	50407.809	33.027	34.277	1.025
24.804	14.700			
8/15/2016 12:00:00 AM	352800.000	6.884	14.539	15.507
40303.789	50367.141	32.999	34.250	1.025
24.812	14.705			
8/15/2016 12:30:00 AM	354600.000	6.891	14.535	15.524
40315.137	50386.121	33.012	34.263	1.025
24.805	14.704			

8/15/2016 1:00:00 AM	356400.000	6.896	14.538	15.533
40332.352	50404.453	33.026	34.275	1.025
24.794	14.706			
8/15/2016 1:30:00 AM	358200.000	6.898	14.547	15.538
40308.645	50364.164	32.997	34.248	1.025
24.809	14.707			
8/15/2016 2:00:00 AM	360000.000	6.902	14.592	15.548
40331.258	50337.805	32.982	34.230	1.025
24.795	14.704			
8/15/2016 2:30:00 AM	361800.000	6.908	14.591	15.561
40356.789	50371.695	33.006	34.253	1.025
24.779	14.703			
8/15/2016 3:00:00 AM	363600.000	6.915	14.587	15.578
40302.871	50308.957	32.960	34.210	1.024
24.812	14.698			
8/15/2016 3:30:00 AM	365400.000	6.921	14.584	15.590
40308.359	50318.773	32.967	34.217	1.024
24.809	14.695			
8/15/2016 4:00:00 AM	367200.000	6.922	14.596	15.592
40324.660	50324.586	32.972	34.221	1.024
24.799	14.697			
8/15/2016 4:30:00 AM	369000.000	6.921	14.632	15.591
40348.063	50310.512	32.965	34.211	1.024
24.784	14.701			
8/15/2016 5:00:00 AM	370800.000	6.925	14.614	15.599
40328.727	50308.871	32.962	34.210	1.024
24.796	14.702			
8/15/2016 5:30:00 AM	372600.000	6.924	14.604	15.598
40339.258	50334.004	32.980	34.227	1.025
24.790	14.707			
8/15/2016 6:00:00 AM	374400.000	6.929	14.570	15.607
40304.508	50331.586	32.975	34.225	1.025
24.811	14.705			
8/15/2016 6:30:00 AM	376200.000	6.932	14.601	15.615
40317.758	50310.133	32.962	34.211	1.024
24.803	14.705			
8/15/2016 7:00:00 AM	378000.000	6.912	14.602	15.569
40312.977	50303.754	32.958	34.207	1.024
24.806	14.712			
8/15/2016 7:30:00 AM	379800.000	6.906	14.549	15.557
40295.301	50345.176	32.984	34.235	1.025
24.817	14.717			
8/15/2016 8:00:00 AM	381600.000	6.862	14.552	15.458
40286.125	50330.301	32.973	34.225	1.025
24.822	14.720			
8/15/2016 8:30:00 AM	383400.000	6.833	14.630	15.393
40318.922	50276.613	32.940	34.188	1.024
24.802	14.719			
8/15/2016 9:00:00 AM	385200.000	6.804	14.636	15.326
40297.961	50243.504	32.917	34.166	1.024
24.815	14.722			
8/15/2016 9:30:00 AM	387000.000	6.775	14.642	15.262
40286.227	50222.094	32.901	34.151	1.024
24.822	14.726			
8/15/2016 10:00:00 AM	388800.000	6.759	14.667	15.226
40303.148	50213.168	32.897	34.145	1.024
24.812	14.726			

8/15/2016 10:30:00 AM	390600.000	6.721	14.688	15.141
40342.605	50236.852	32.916	34.161	1.024
24.788	14.732			
8/15/2016 11:00:00 AM	392400.000	6.707	14.726	15.107
40341.938	50190.969	32.885	34.130	1.024
24.788	14.728			
8/15/2016 11:30:00 AM	394200.000	6.670	14.734	15.026
40322.984	50157.910	32.862	34.107	1.024
24.800	14.731			
8/15/2016 12:00:00 PM	396000.000	6.655	14.775	14.991
40366.684	50162.965	32.869	34.111	1.024
24.773	14.726			
8/15/2016 12:30:00 PM	397800.000	6.640	14.799	14.957
40403.441	50181.074	32.884	34.123	1.024
24.750	14.722			
8/15/2016 1:00:00 PM	399600.000	6.626	14.808	14.927
40402.219	50167.887	32.875	34.114	1.024
24.751	14.714			
8/15/2016 1:30:00 PM	401400.000	6.593	14.831	14.850
40379.152	50112.578	32.837	34.077	1.024
24.765	14.720			
8/15/2016 2:00:00 PM	403200.000	6.564	14.849	14.786
40423.953	50146.867	32.863	34.100	1.024
24.738	14.721			
8/15/2016 2:30:00 PM	405000.000	6.551	14.903	14.756
40464.504	50132.754	32.857	34.090	1.024
24.713	14.721			
8/15/2016 3:00:00 PM	406800.000	6.550	14.896	14.755
40461.887	50137.281	32.860	34.093	1.024
24.715	14.714			
8/15/2016 3:30:00 PM	408600.000	6.521	14.929	14.690
40482.738	50124.777	32.853	34.085	1.024
24.702	14.716			
8/15/2016 4:00:00 PM	410400.000	6.506	14.965	14.655
40536.480	50148.605	32.874	34.101	1.024
24.669	14.710			
8/15/2016 4:30:00 PM	412200.000	6.490	14.974	14.619
40529.211	50128.641	32.860	34.087	1.024
24.674	14.707			
8/15/2016 5:00:00 PM	414000.000	6.479	14.993	14.595
40546.551	50127.715	32.861	34.087	1.024
24.663	14.702			
8/15/2016 5:30:00 PM	415800.000	6.451	15.024	14.531
40572.645	50123.008	32.860	34.084	1.024
24.647	14.706			
8/15/2016 6:00:00 PM	417600.000	6.466	15.020	14.566
40586.844	50145.656	32.876	34.099	1.024
24.639	14.706			
8/15/2016 6:30:00 PM	419400.000	6.483	15.027	14.604
40579.738	50128.422	32.864	34.087	1.024
24.643	14.701			
8/15/2016 7:00:00 PM	421200.000	6.498	15.047	14.636
40553.063	50072.117	32.824	34.049	1.024
24.659	14.700			
8/15/2016 7:30:00 PM	423000.000	6.513	15.061	14.671
40596.102	50108.477	32.852	34.074	1.024
24.633	14.698			

8/15/2016 8:00:00 PM	424800.000	6.522	15.055	14.692
40629.590	50157.004	32.887	34.107	1.024
24.613	14.704			
8/15/2016 8:30:00 PM	426600.000	6.536	15.080	14.723
40643.738	50144.648	32.880	34.098	1.024
24.604	14.704			
8/15/2016 9:00:00 PM	428400.000	6.551	15.077	14.758
40602.078	50096.801	32.845	34.066	1.024
24.629	14.705			
8/15/2016 9:30:00 PM	430200.000	6.566	15.047	14.792
40588.410	50115.984	32.856	34.079	1.024
24.638	14.708			
8/15/2016 10:00:00 PM	432000.000	6.577	15.090	14.816
40578.609	50053.164	32.814	34.036	1.024
24.644	14.709			
8/15/2016 10:30:00 PM	433800.000	6.590	15.046	14.844
40582.352	50109.336	32.851	34.074	1.024
24.641	14.709			
8/15/2016 11:00:00 PM	435600.000	6.609	15.034	14.887
40616.445	50165.313	32.891	34.112	1.024
24.621	14.702			
8/15/2016 11:30:00 PM	437400.000	6.617	15.008	14.905
40602.875	50179.883	32.900	34.122	1.024
24.629	14.706			
8/16/2016 12:00:00 AM	439200.000	6.630	15.012	14.934
40551.383	50111.234	32.850	34.076	1.024
24.660	14.705			
8/16/2016 12:30:00 AM	441000.000	6.643	15.000	14.963
40555.055	50129.770	32.863	34.088	1.024
24.658	14.705			
8/16/2016 1:00:00 AM	442800.000	6.652	15.048	14.985
40579.883	50104.195	32.848	34.071	1.024
24.643	14.703			
8/16/2016 1:30:00 AM	444600.000	6.667	15.015	15.017
40554.129	50111.281	32.850	34.076	1.024
24.658	14.699			
8/16/2016 2:00:00 AM	446400.000	6.678	15.014	15.043
40553.238	50110.508	32.850	34.075	1.024
24.659	14.695			
8/16/2016 2:30:00 AM	448200.000	6.687	14.985	15.063
40526.223	50112.398	32.849	34.076	1.024
24.675	14.693			
8/16/2016 3:00:00 AM	450000.000	6.694	14.979	15.079
40513.949	50104.324	32.842	34.071	1.024
24.683	14.694			
8/16/2016 3:30:00 AM	451800.000	6.701	14.954	15.095
40531.852	50155.527	32.878	34.106	1.024
24.672	14.692			
8/16/2016 4:00:00 AM	453600.000	6.713	14.989	15.122
40523.086	50102.777	32.842	34.070	1.024
24.677	14.693			
8/16/2016 4:30:00 AM	455400.000	6.714	14.939	15.125
40478.523	50107.621	32.842	34.073	1.024
24.704	14.694			
8/16/2016 5:00:00 AM	457200.000	6.728	15.022	15.156
40469.625	49997.926	32.768	33.999	1.024
24.710	14.688			

8/16/2016 5:30:00 AM	459000.000	6.738	14.893	15.179
40494.660	50182.500	32.893	34.124	1.024
24.695	14.688			
8/16/2016 6:00:00 AM	460800.000	6.744	14.801	15.192
40465.855	50255.121	32.939	34.173	1.024
24.712	14.694			
8/16/2016 6:30:00 AM	462600.000	6.748	14.831	15.200
40448.910	50199.262	32.900	34.136	1.024
24.723	14.697			
8/16/2016 7:00:00 AM	464400.000	6.759	14.854	15.226
40447.746	50170.082	32.881	34.116	1.024
24.723	14.700			
8/16/2016 7:30:00 AM	466200.000	6.764	14.787	15.236
40424.168	50220.613	32.912	34.150	1.024
24.738	14.702			
8/16/2016 8:00:00 AM	468000.000	6.769	14.763	15.248
40428.355	50253.945	32.935	34.173	1.024
24.735	14.701			
8/16/2016 8:30:00 AM	469800.000	6.770	14.853	15.250
40443.680	50165.879	32.877	34.113	1.024
24.726	14.704			
8/16/2016 9:00:00 AM	471600.000	6.773	14.790	15.257
40439.648	50236.254	32.924	34.161	1.024
24.728	14.705			
8/16/2016 9:30:00 AM	473400.000	6.769	14.761	15.248
40400.813	50222.555	32.911	34.151	1.024
24.752	14.713			
8/16/2016 10:00:00 AM	475200.000	6.792	14.784	15.299
40407.855	50203.406	32.899	34.138	1.024
24.748	14.698			
8/16/2016 10:30:00 AM	477000.000	6.791	14.767	15.296
40379.344	50188.926	32.887	34.128	1.024
24.765	14.703			
8/16/2016 11:00:00 AM	478800.000	6.803	14.754	15.324
40435.633	50273.758	32.948	34.186	1.024
24.731	14.706			
8/16/2016 11:30:00 AM	480600.000	6.816	14.763	15.354
40389.570	50206.254	32.900	34.140	1.024
24.759	14.697			
8/16/2016 12:00:00 PM	482400.000	6.821	14.731	15.365
40398.953	50256.207	32.934	34.174	1.024
24.753	14.707			
8/16/2016 12:30:00 PM	484200.000	6.827	14.793	15.377
40417.316	50204.949	32.901	34.139	1.024
24.742	14.708			
8/16/2016 1:00:00 PM	486000.000	6.833	14.819	15.391
40383.090	50131.844	32.850	34.090	1.024
24.763	14.709			
8/16/2016 1:30:00 PM	487800.000	6.845	14.708	15.420
40382.246	50262.438	32.936	34.178	1.024
24.763	14.704			
8/16/2016 2:00:00 PM	489600.000	6.833	14.726	15.392
40381.340	50239.676	32.921	34.163	1.024
24.764	14.703			
8/16/2016 2:30:00 PM	491400.000	6.799	14.720	15.316
40386.070	50253.051	32.930	34.172	1.024
24.761	14.699			

8/16/2016 3:00:00 PM	493200.000	6.765	14.716	15.240
40400.293	50275.398	32.946	34.187	1.024
24.752	14.696			
8/16/2016 3:30:00 PM	495000.000	6.735	14.745	15.172
40378.332	50214.105	32.904	34.146	1.024
24.766	14.693			
8/16/2016 4:00:00 PM	496800.000	6.709	14.739	15.113
40347.270	50182.324	32.880	34.124	1.024
24.785	14.690			
8/16/2016 4:30:00 PM	498600.000	6.679	14.733	15.045
40373.219	50221.551	32.908	34.151	1.024
24.769	14.690			
8/16/2016 5:00:00 PM	500400.000	6.651	14.730	14.982
40369.219	50220.063	32.907	34.150	1.024
24.771	14.691			
8/16/2016 5:30:00 PM	502200.000	6.631	14.782	14.937
40394.824	50190.047	32.889	34.129	1.024
24.756	14.685			
8/16/2016 6:00:00 PM	504000.000	6.637	14.823	14.950
40467.359	50231.406	32.923	34.157	1.024
24.711	14.684			
8/16/2016 6:30:00 PM	505800.000	6.655	14.833	14.991
40417.500	50157.230	32.870	34.107	1.024
24.742	14.677			
8/16/2016 7:00:00 PM	507600.000	6.665	14.886	15.013
40408.500	50083.164	32.820	34.057	1.024
24.747	14.679			
8/16/2016 7:30:00 PM	509400.000	6.673	14.887	15.032
40393.176	50063.328	32.805	34.043	1.024
24.757	14.685			
8/16/2016 8:00:00 PM	511200.000	6.689	14.998	15.067
40432.125	49980.316	32.753	33.987	1.024
24.733	14.682			
8/16/2016 8:30:00 PM	513000.000	6.697	14.987	15.085
40434.797	49996.859	32.765	33.998	1.024
24.731	14.685			
8/16/2016 9:00:00 PM	514800.000	6.706	14.973	15.105
40400.715	49971.258	32.745	33.980	1.024
24.752	14.690			
8/16/2016 9:30:00 PM	516600.000	6.717	15.027	15.130
40397.332	49903.605	32.700	33.934	1.024
24.754	14.695			
8/16/2016 10:00:00 PM	518400.000	6.728	15.305	15.156
40420.949	49606.770	32.504	33.733	1.024
24.740	14.695			
8/16/2016 10:30:00 PM	520200.000	6.742	15.269	15.188
40411.297	49637.270	32.524	33.753	1.024
24.746	14.689			
8/16/2016 11:00:00 PM	522000.000	6.759	15.242	15.226
40386.613	49637.742	32.522	33.754	1.024
24.761	14.686			
8/16/2016 11:30:00 PM	523800.000	6.770	15.270	15.250
40401.035	49622.816	32.513	33.744	1.024
24.752	14.685			
8/17/2016 12:00:00 AM	525600.000	6.782	15.316	15.277
40398.258	49566.539	32.476	33.705	1.024
24.754	14.687			

8/17/2016 12:30:00 AM	527400.000	6.799	15.341	15.316
40425.227	49569.859	32.480	33.708	1.024
24.737	14.686			
8/17/2016 1:00:00 AM	529200.000	6.810	15.313	15.340
40406.211	49579.570	32.485	33.714	1.024
24.749	14.685			
8/17/2016 1:30:00 AM	531000.000	6.823	15.367	15.368
40410.531	49522.090	32.447	33.675	1.024
24.746	14.683			
8/17/2016 2:00:00 AM	532800.000	6.839	15.410	15.405
40357.949	49407.441	32.366	33.597	1.024
24.778	14.678			
8/17/2016 2:30:00 AM	534600.000	6.849	15.400	15.427
40419.766	49495.652	32.430	33.657	1.024
24.740	14.678			
8/17/2016 3:00:00 AM	536400.000	6.858	15.354	15.449
40397.133	49521.102	32.445	33.674	1.024
24.754	14.675			
8/17/2016 3:30:00 AM	538200.000	6.872	15.334	15.480
40439.543	49596.000	32.498	33.725	1.024
24.728	14.671			
8/17/2016 4:00:00 AM	540000.000	6.887	15.322	15.513
40396.230	49556.266	32.469	33.698	1.024
24.755	14.664			
8/17/2016 4:30:00 AM	541800.000	6.885	15.323	15.508
40384.207	49541.418	32.458	33.688	1.024
24.762	14.672			
8/17/2016 5:00:00 AM	543600.000	6.897	15.373	15.537
40412.484	49517.551	32.444	33.672	1.024
24.745	14.668			
8/17/2016 5:30:00 AM	545400.000	6.903	15.378	15.550
40397.617	49493.008	32.427	33.655	1.024
24.754	14.669			
8/17/2016 6:00:00 AM	547200.000	6.915	15.414	15.578
40389.570	49442.598	32.392	33.621	1.024
24.759	14.663			
8/17/2016 6:30:00 AM	549000.000	6.920	15.422	15.589
40379.988	49421.398	32.377	33.607	1.024
24.765	14.671			
8/17/2016 7:00:00 AM	550800.000	6.925	15.391	15.598
40335.980	49402.930	32.362	33.594	1.024
24.792	14.675			
8/17/2016 7:30:00 AM	552600.000	6.924	15.411	15.597
40391.719	49447.566	32.396	33.624	1.024
24.758	14.683			
8/17/2016 8:00:00 AM	554400.000	6.939	15.414	15.630
40384.613	49435.406	32.387	33.616	1.024
24.762	14.681			
8/17/2016 8:30:00 AM	556200.000	6.941	15.418	15.635
40353.051	49392.711	32.356	33.587	1.024
24.781	14.686			
8/17/2016 9:00:00 AM	558000.000	6.944	15.421	15.643
40363.512	49402.344	32.363	33.594	1.024
24.775	14.686			
8/17/2016 9:30:00 AM	559800.000	6.952	15.441	15.661
40368.012	49383.965	32.352	33.581	1.024
24.772	14.684			

8/17/2016 10:00:00 AM	561600.000	6.956	15.428	15.668
40362.094	49392.793	32.357	33.587	1.024
24.776	14.684			
8/17/2016 10:30:00 AM	563400.000	6.954	15.410	15.664
40351.543	49399.809	32.361	33.592	1.024
24.782	14.687			
8/17/2016 11:00:00 AM	565200.000	6.958	15.415	15.674
40345.352	49386.328	32.351	33.583	1.024
24.786	14.685			
8/17/2016 11:30:00 AM	567000.000	6.969	15.433	15.698
40285.480	49293.051	32.284	33.519	1.024
24.823	14.683			
8/17/2016 12:00:00 PM	568800.000	6.976	15.388	15.714
40334.113	49404.109	32.362	33.595	1.024
24.793	14.677			
8/17/2016 12:30:00 PM	570600.000	6.966	15.395	15.691
40291.602	49343.898	32.319	33.554	1.024
24.819	14.693			
8/17/2016 1:00:00 PM	572400.000	6.983	15.362	15.731
40311.383	49406.699	32.362	33.597	1.024
24.807	14.676			
8/17/2016 1:30:00 PM	574200.000	6.994	15.358	15.755
40277.113	49368.875	32.334	33.571	1.024
24.828	14.669			
8/17/2016 2:00:00 PM	576000.000	7.000	15.308	15.767
40287.137	49438.766	32.382	33.618	1.024
24.822	14.668			
8/17/2016 2:30:00 PM	577800.000	6.991	15.310	15.748
40296.805	49448.383	32.389	33.625	1.024
24.816	14.680			
8/17/2016 3:00:00 PM	579600.000	7.006	15.264	15.782
40288.531	49491.996	32.417	33.655	1.024
24.821	14.671			
8/17/2016 3:30:00 PM	581400.000	7.010	15.248	15.791
40283.633	49504.000	32.425	33.663	1.024
24.824	14.668			
8/17/2016 4:00:00 PM	583200.000	7.012	15.244	15.796
40293.684	49520.973	32.437	33.674	1.024
24.818	14.668			
8/17/2016 4:30:00 PM	585000.000	7.019	15.213	15.811
40326.152	49597.918	32.491	33.727	1.024
24.798	14.662			
8/17/2016 5:00:00 PM	586800.000	7.024	15.173	15.822
40269.094	49574.457	32.470	33.711	1.024
24.833	14.661			
8/17/2016 5:30:00 PM	588600.000	7.027	15.135	15.829
40254.418	49599.582	32.486	33.728	1.024
24.842	14.660			
8/17/2016 6:00:00 PM	590400.000	7.033	15.096	15.842
40229.535	49614.531	32.494	33.738	1.024
24.857	14.657			
8/17/2016 6:30:00 PM	592200.000	7.035	15.077	15.846
40264.281	49679.570	32.540	33.782	1.024
24.836	14.655			
8/17/2016 7:00:00 PM	594000.000	7.037	15.083	15.852
40229.527	49629.684	32.504	33.748	1.024
24.857	14.656			

8/17/2016 7:30:00 PM	595800.000	7.044	15.102	15.867
40227.734	49606.328	32.488	33.732	1.024
24.858	14.654			
8/17/2016 8:00:00 PM	597600.000	7.048	15.112	15.877
40252.027	49624.441	32.502	33.745	1.024
24.843	14.657			
8/17/2016 8:30:00 PM	599400.000	7.049	15.096	15.880
40238.430	49626.543	32.502	33.746	1.024
24.852	14.664			
8/17/2016 9:00:00 PM	601200.000	7.055	15.119	15.892
40226.152	49583.574	32.473	33.717	1.024
24.859	14.667			
8/17/2016 9:30:00 PM	603000.000	7.062	15.120	15.907
40220.203	49575.223	32.467	33.711	1.024
24.863	14.667			
8/17/2016 10:00:00 PM	604800.000	7.069	15.110	15.923
40222.691	49590.531	32.477	33.722	1.024
24.862	14.668			
8/17/2016 10:30:00 PM	606600.000	7.081	15.111	15.952
40230.898	49599.223	32.484	33.727	1.024
24.857	14.662			
8/17/2016 11:00:00 PM	608400.000	7.085	15.112	15.960
40215.867	49579.758	32.470	33.714	1.024
24.866	14.665			
8/17/2016 11:30:00 PM	610200.000	7.099	15.114	15.990
40190.828	49546.309	32.445	33.691	1.024
24.881	14.663			

Report Date: 8/19/2016 12:31:50 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP TSW Trans 2_2016-08-18_09-58-33-146.wsl
Create Date: 8/18/2016 9:46:27 AM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
4/9/2015 2:02:54 PM	Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/10/2015 1:07:33 PM	Log Download - Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/17/2015 12:57:42 PM	Log Download - Used Battery: 2% Used Memory: 18% User Name: AKieta
4/24/2015 10:48:17 AM	Log Download - Used Battery: 2% Used Memory: 20% User Name: ECrowWillard
5/1/2015 2:10:18 PM	Log Download - Used Battery: 2% Used Memory: 20% User Name: GSSI
5/7/2015 7:03:25 AM	Log Download - Used Battery: 2% Used Memory: 21% User Name: ECrowWillard
5/15/2015 12:45:18 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: BDuarte
5/19/2015 3:05:28 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw
5/19/2015 3:12:05 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw Interval - Start
Time: 5/19/2015 3:00:00 PM	
5/21/2015 6:52:39 PM	Log Download - Used Battery: 2% Used Memory: 23% User Name: CShaw Interval - Start
Time: 5/19/2015 3:00:00 PM	
5/28/2015 10:55:09 AM	Log Download - Used Battery: 2% Used Memory: 23% User Name: ECrowWillard Interval - Start
Time: 5/7/2015 7:00:00 AM	
6/4/2015 9:55:06 AM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/8/2015 7:00:41 AM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/11/2015 3:11:24 PM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte Interval - Start
Time: 6/8/2015 7:00:00 AM	
6/18/2015 6:19:26 PM	Log Download - Used Battery: 2% Used Memory: 26% User Name: CShaw
6/25/2015 6:26:39 PM	Log Download - Used Battery: 2% Used Memory: 26% User Name: BDuarte Interval - Start
Time: 6/11/2015 3:00:00 PM	
7/2/2015 5:59:51 PM	Log Download - Used Battery: 2% Used Memory: 28% User Name: CShaw
7/9/2015 7:33:31 AM	Log Download - Used Battery: 3% Used Memory: 28% User Name: BDuarte
7/16/2015 5:49:08 PM	Log Download - Used Battery: 3% Used Memory: 29% User Name: CShaw
7/23/2015 4:00:26 PM	Log Download - Used Battery: 3% Used Memory: 29% User Name: KMakar
7/30/2015 9:14:52 AM	Log Download - Used Battery: 3% Used Memory: 31% User Name: BDuarte Interval - Start
Time: 7/9/2015 7:30:00 AM	
8/6/2015 6:06:39 PM	Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start
Time: 6/8/2015 3:30:00 PM Stop Time: 8/6/2015 6:30:00 PM	
8/6/2015 6:07:01 PM	Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start
Time: 7/8/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM	
8/13/2015 1:07:16 PM	Log Download - Used Battery: 3% Used Memory: 32% User Name: KMakar Interval - Start
Time: 7/23/2015 4:00:00 PM	
8/20/2015 9:31:39 AM	Log Download - Used Battery: 3% Used Memory: 32% User Name: BDuarte Interval - Start
Time: 7/30/2015 9:00:00 AM	
8/27/2015 10:35:53 AM	Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start
Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM	
8/27/2015 10:36:27 AM	Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start
Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:35:00 AM	
9/3/2015 6:12:09 PM	Log Download - Used Battery: 3% Used Memory: 35% User Name: CShaw Interval - Start
Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:00:00 PM	
9/10/2015 11:08:03 AM	Log Download - Used Battery: 3% Used Memory: 35% User Name: KMakar Interval - Start
Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:10:00 AM	
9/17/2015 10:34:47 AM	Log Download - Used Battery: 3% Used Memory: 37% User Name: KMakar Interval - Start
Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:35:00 AM	
9/24/2015 7:11:42 PM	Log Download - Used Battery: 3% Used Memory: 37% User Name: CShaw Interval - Start
Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:00:00 PM	
10/1/2015 1:55:13 PM	Log Download - Used Battery: 3% Used Memory: 39% User Name: KMakar Interval - Start
Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:55:00 PM	
10/8/2015 4:54:50 PM	Log Download - Used Battery: 3% Used Memory: 39% User Name: CShaw Interval - Start

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

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

Log Data:

Record Count: 720

Sensors: 1

1 - 396433: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft
Elapsed Time	SN#: 396433	SN#: 396433	SN#: 396433
396433	SN#: 396433	SN#: 396433	SN#: 396433
SN#: 396433			

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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8/11/2016 12:00:00 AM	7200.000	9.233	16.028	20.797
38108.477	45989.059	29.924	31.273	26.241
1.022				
8/11/2016 12:15:00 AM	8100.000	9.395	16.031	21.163
38124.113	46005.398	29.936	31.284	26.230
1.022				
8/11/2016 12:30:00 AM	9000.000	9.236	16.032	20.806
36728.984	44320.594	28.720	30.138	27.226
1.021				
8/11/2016 12:45:00 AM	9900.000	9.251	16.032	20.840
38133.195	46014.586	29.942	31.290	26.224
1.022				
8/11/2016 1:00:00 AM	10800.000	9.262	16.035	20.864
36301.281	43801.555	28.347	29.785	27.547
1.021				
8/11/2016 1:15:00 AM	11700.000	9.318	16.029	20.990
38033.664	45897.938	29.858	31.211	26.292
1.022				
8/11/2016 1:30:00 AM	12600.000	9.247	16.034	20.829
38131.012	46010.543	29.939	31.287	26.225
1.022				
8/11/2016 1:45:00 AM	13500.000	9.206	16.036	20.738
36900.742	44524.238	28.867	30.276	27.100
1.021				
8/11/2016 2:00:00 AM	14400.000	9.181	16.028	20.682

38103.406	45983.684	29.920	31.269	26.244
1.022				
8/11/2016 2:15:00 AM	15300.000	9.178	16.039	20.674
38133.129	46007.102	29.937	31.285	26.224
1.022				
8/11/2016 2:30:00 AM	16200.000	9.227	16.025	20.785
36801.813	44415.801	28.788	30.203	27.173
1.021				
8/11/2016 2:45:00 AM	17100.000	9.171	16.027	20.659
38111.535	45993.867	29.927	31.276	26.239
1.022				
8/11/2016 3:00:00 AM	18000.000	9.153	16.033	20.618
38132.281	46013.012	29.941	31.289	26.225
1.022				
8/11/2016 3:15:00 AM	18900.000	9.158	16.028	20.630
35987.523	43429.941	28.080	29.532	27.787
1.020				
8/11/2016 3:30:00 AM	19800.000	9.198	16.031	20.719
37627.617	45406.086	29.502	30.876	26.576
1.022				
8/11/2016 3:45:00 AM	20700.000	9.227	16.033	20.784
38128.852	46008.398	29.938	31.286	26.227
1.022				
8/11/2016 4:00:00 AM	21600.000	9.201	16.037	20.725
37185.719	44866.535	29.113	30.509	26.892
1.021				
8/11/2016 4:15:00 AM	22500.000	9.187	16.036	20.694
38141.492	46020.938	29.947	31.294	26.218
1.022				
8/11/2016 4:30:00 AM	23400.000	9.284	16.035	20.913
36065.121	43516.602	28.142	29.591	27.728
1.020				
8/11/2016 4:45:00 AM	24300.000	9.216	16.036	20.761
38141.090	46019.984	29.946	31.294	26.218
1.022				
8/11/2016 5:00:00 AM	25200.000	9.217	16.033	20.763
37082.195	44745.355	29.026	30.427	26.967
1.021				
8/11/2016 5:15:00 AM	26100.000	9.234	16.037	20.800
38119.035	45992.816	29.927	31.275	26.234
1.022				
8/11/2016 5:30:00 AM	27000.000	9.326	16.036	21.008
37251.895	44947.285	29.172	30.564	26.844
1.021				
8/11/2016 5:45:00 AM	27900.000	9.311	16.034	20.973
35548.688	42894.332	27.696	29.168	28.130
1.020				
8/11/2016 6:00:00 AM	28800.000	9.249	16.040	20.833
38111.766	45980.480	29.918	31.267	26.239
1.022				
8/11/2016 6:15:00 AM	29700.000	9.226	16.035	20.783
37020.375	44669.031	28.971	30.375	27.012
1.021				
8/11/2016 6:30:00 AM	30600.000	9.215	16.036	20.758
36066.148	43517.121	28.143	29.592	27.727
1.020				

8/11/2016 6:45:00 AM 38135.527 1.022	31500.000 46018.516	9.316 29.945	16.031 31.293	20.986 26.222
8/11/2016 7:00:00 AM 36666.906 1.021	32400.000 44242.184	9.227 28.664	16.035 30.085	20.786 27.273
8/11/2016 7:15:00 AM 38122.363 1.022	33300.000 45995.617	9.189 29.929	16.038 31.277	20.700 26.231
8/11/2016 7:30:00 AM 36408.754 1.021	34200.000 43931.492	9.211 28.440	16.035 29.873	20.748 27.466
8/11/2016 7:45:00 AM 38116.301 1.022	35100.000 45987.922	9.275 29.923	16.038 31.272	20.892 26.235
8/11/2016 8:00:00 AM 36720.918 1.021	36000.000 44305.551	9.249 28.709	16.037 30.128	20.834 27.232
8/11/2016 8:15:00 AM 38087.480 1.022	36900.000 45955.582	9.272 29.900	16.036 31.250	20.886 26.255
8/11/2016 8:30:00 AM 36869.918 1.021	37800.000 44493.012	9.268 28.844	16.030 30.255	20.878 27.122
8/11/2016 8:45:00 AM 38127.941 1.022	38700.000 46004.305	9.185 29.935	16.036 31.283	20.689 26.227
8/11/2016 9:00:00 AM 38017.711 1.022	39600.000 45874.855	9.257 29.841	16.033 31.195	20.851 26.304
8/11/2016 9:15:00 AM 38177.910 1.022	40500.000 46072.293	9.192 29.984	16.029 31.329	20.705 26.193
8/11/2016 9:30:00 AM 37789.398 1.022	41400.000 45594.992	9.186 29.639	16.037 31.005	20.692 26.462
8/11/2016 9:45:00 AM 38126.371 1.022	42300.000 46007.094	9.194 29.937	16.032 31.285	20.710 26.229
8/11/2016 10:00:00 AM 36929.176 1.021	43200.000 44558.547	9.171 28.891	16.036 30.300	20.659 27.079
8/11/2016 10:15:00 AM 38104.340 1.022	44100.000 45964.148	9.229 29.907	16.047 31.256	20.789 26.244
8/11/2016 10:30:00 AM 36047.813 1.020	45000.000 43498.715	9.223 28.129	16.032 29.579	20.776 27.741
8/11/2016 10:45:00 AM 37027.305 1.021	45900.000 44677.848	9.144 28.977	16.035 30.381	20.598 27.007
8/11/2016 11:00:00 AM 38098.512 1.022	46800.000 45971.699	9.140 29.911	16.033 31.261	20.589 26.248
8/11/2016 11:15:00 AM 36008.598	47700.000 43444.418	9.258 28.091	16.039 29.542	20.853 27.771

1.020				
8/11/2016 11:30:00 AM	48600.000	9.175	16.032	20.667
38031.785	45892.488	29.854	31.207	26.294
1.022				
8/11/2016 11:45:00 AM	49500.000	9.204	16.034	20.732
38130.094	46009.719	29.939	31.287	26.226
1.022				
8/11/2016 12:00:00 PM	50400.000	9.116	16.036	20.535
35583.516	42934.781	27.725	29.196	28.103
1.020				
8/11/2016 12:15:00 PM	51300.000	9.180	16.036	20.678
37451.031	45188.215	29.345	30.728	26.702
1.021				
8/11/2016 12:30:00 PM	52200.000	9.208	16.038	20.742
38147.211	46025.215	29.950	31.297	26.214
1.022				
8/11/2016 12:45:00 PM	53100.000	9.172	16.039	20.660
35134.320	42389.953	27.336	28.825	28.462
1.020				
8/11/2016 1:00:00 PM	54000.000	9.123	16.034	20.551
37477.332	45221.695	29.369	30.751	26.683
1.021				
8/11/2016 1:15:00 PM	54900.000	9.094	16.040	20.484
38087.879	45951.852	29.897	31.247	26.255
1.022				
8/11/2016 1:30:00 PM	55800.000	9.086	16.042	20.466
35952.477	43373.180	28.040	29.494	27.814
1.020				
8/11/2016 1:45:00 PM	56700.000	9.222	16.039	20.774
38002.137	45849.160	29.823	31.177	26.314
1.022				
8/11/2016 2:00:00 PM	57600.000	9.167	16.040	20.650
38109.055	45977.207	29.916	31.265	26.240
1.022				
8/11/2016 2:15:00 PM	58500.000	9.201	16.034	20.725
36475.867	44013.285	28.499	29.929	27.415
1.021				
8/11/2016 2:30:00 PM	59400.000	9.197	16.036	20.716
38115.063	45988.582	29.924	31.272	26.236
1.022				
8/11/2016 2:45:00 PM	60300.000	9.210	16.034	20.747
38169.703	46057.051	29.973	31.319	26.199
1.022				
8/11/2016 3:00:00 PM	61200.000	9.230	16.036	20.790
37181.922	44862.953	29.111	30.507	26.895
1.021				
8/11/2016 3:15:00 PM	62100.000	9.214	16.047	20.754
38110.039	45971.297	29.912	31.260	26.240
1.022				
8/11/2016 3:30:00 PM	63000.000	9.233	16.037	20.797
38051.512	45911.617	29.868	31.220	26.280
1.022				
8/11/2016 3:45:00 PM	63900.000	9.221	16.040	20.772
37310.746	45014.266	29.220	30.610	26.802
1.021				
8/11/2016 4:00:00 PM	64800.000	9.264	16.040	20.869

37116.508	44779.477	29.051	30.450	26.942
1.021				
8/11/2016 4:15:00 PM	65700.000	9.203	16.042	20.730
36330.344	43829.129	28.367	29.804	27.525
1.021				
8/11/2016 4:30:00 PM	66600.000	9.300	16.038	20.950
36202.879	43679.348	28.259	29.702	27.622
1.021				
8/11/2016 4:45:00 PM	67500.000	9.351	16.043	21.064
38121.410	45989.324	29.925	31.273	26.232
1.022				
8/11/2016 5:00:00 PM	68400.000	9.301	16.041	20.952
38082.734	45944.152	29.892	31.242	26.259
1.022				
8/11/2016 5:15:00 PM	69300.000	9.330	16.040	21.016
38035.098	45887.805	29.851	31.204	26.292
1.022				
8/11/2016 5:30:00 PM	70200.000	9.272	16.048	20.886
38062.078	45912.227	29.869	31.220	26.273
1.022				
8/11/2016 5:45:00 PM	71100.000	9.300	16.043	20.950
38088.508	45949.914	29.896	31.246	26.255
1.022				
8/11/2016 6:00:00 PM	72000.000	9.272	16.040	20.886
38049.629	45905.797	29.864	31.216	26.281
1.022				
8/11/2016 6:15:00 PM	72900.000	9.360	16.041	21.084
38023.766	45873.953	29.841	31.194	26.299
1.022				
8/11/2016 6:30:00 PM	73800.000	9.338	16.038	21.035
38064.848	45926.031	29.879	31.230	26.271
1.022				
8/11/2016 6:45:00 PM	74700.000	9.357	16.037	21.078
38007.738	45858.434	29.830	31.184	26.310
1.022				
8/11/2016 7:00:00 PM	75600.000	9.405	16.038	21.186
37476.402	45216.711	29.366	30.747	26.683
1.021				
8/11/2016 7:15:00 PM	76500.000	9.325	16.039	21.005
36421.844	43943.262	28.449	29.881	27.456
1.021				
8/11/2016 7:30:00 PM	77400.000	9.273	16.038	20.889
36490.918	44027.332	28.509	29.939	27.404
1.021				
8/11/2016 7:45:00 PM	78300.000	9.298	16.040	20.946
38108.520	45977.234	29.916	31.265	26.241
1.022				
8/11/2016 8:00:00 PM	79200.000	9.285	16.038	20.916
38116.320	45988.688	29.924	31.272	26.235
1.022				
8/11/2016 8:15:00 PM	80100.000	9.316	16.040	20.986
38114.582	45983.699	29.920	31.269	26.237
1.022				
8/11/2016 8:30:00 PM	81000.000	9.210	16.036	20.746
38109.164	45982.207	29.919	31.268	26.240
1.022				

8/11/2016 8:45:00 PM 38067.941 1.022	81900.000 45927.797	9.290 29.880	16.040 31.231	20.927 26.269
8/11/2016 9:00:00 PM 38101.730 1.022	82800.000 45972.023	9.290 29.912	16.037 31.261	20.927 26.246
8/11/2016 9:15:00 PM 38111.637 1.022	83700.000 45980.891	9.337 29.918	16.040 31.267	21.032 26.239
8/11/2016 9:30:00 PM 38090.992 1.022	84600.000 45955.898	9.262 29.900	16.040 31.250	20.864 26.253
8/11/2016 9:45:00 PM 38082.332 1.022	85500.000 45944.891	9.272 29.892	16.040 31.243	20.887 26.259
8/11/2016 10:00:00 PM 37540.543 1.021	86400.000 45287.457	9.350 29.417	16.044 30.795	21.061 26.638
8/11/2016 10:15:00 PM 38132.828 1.022	87300.000 46004.793	9.259 29.936	16.041 31.283	20.856 26.224
8/11/2016 10:30:00 PM 38074.000 1.022	88200.000 45932.414	9.236 29.883	16.043 31.234	20.804 26.265
8/11/2016 10:45:00 PM 36983.270 1.021	89100.000 44621.367	9.265 28.937	16.038 30.343	20.871 27.039
8/11/2016 11:00:00 PM 35710.027 1.020	90000.000 43079.723	9.168 27.830	16.043 29.294	20.652 28.003
8/11/2016 11:15:00 PM 38098.527 1.022	90900.000 45963.496	9.161 29.906	16.041 31.255	20.636 26.248
8/11/2016 11:30:00 PM 35947.684 1.020	91800.000 43363.598	9.220 28.033	16.046 29.487	20.770 27.818
8/11/2016 11:45:00 PM 38025.867 1.022	92700.000 45875.461	9.177 29.842	16.042 31.195	20.673 26.298
8/12/2016 12:00:00 AM 38148.531 1.022	93600.000 46026.152	9.236 29.951	16.039 31.298	20.806 26.213
8/12/2016 12:15:00 AM 38143.844 1.022	94500.000 46023.023	9.154 29.949	16.037 31.296	20.621 26.217
8/12/2016 12:30:00 AM 35724.781 1.020	95400.000 43102.598	9.174 27.846	16.038 29.310	20.666 27.992
8/12/2016 12:45:00 AM 36725.516 1.021	96300.000 44308.832	9.088 28.712	16.039 30.130	20.472 27.229
8/12/2016 1:00:00 AM 37829.773 1.022	97200.000 45642.309	8.987 29.673	16.038 31.037	20.245 26.434
8/12/2016 1:15:00 AM 38055.121	98100.000 45916.441	9.009 29.871	16.036 31.223	20.294 26.278

1.022				
8/12/2016 1:30:00 AM	99000.000	9.129	16.034	20.564
38107.223	45981.551	29.918	31.267	26.242
1.022				
8/12/2016 1:45:00 AM	99900.000	9.012	16.036	20.300
38098.082	45968.941	29.909	31.259	26.248
1.022				
8/12/2016 2:00:00 AM	100800.000	9.087	16.035	20.469
38091.816	45961.559	29.904	31.254	26.252
1.022				
8/12/2016 2:15:00 AM	101700.000	9.023	16.038	20.326
36095.371	43549.723	28.166	29.614	27.704
1.020				
8/12/2016 2:30:00 AM	102600.000	9.073	16.035	20.438
37106.473	44772.566	29.046	30.445	26.949
1.021				
8/12/2016 2:45:00 AM	103500.000	9.046	16.035	20.376
38007.152	45859.324	29.830	31.184	26.311
1.022				
8/12/2016 3:00:00 AM	104400.000	9.106	16.036	20.512
38114.352	45988.094	29.923	31.272	26.237
1.022				
8/12/2016 3:15:00 AM	105300.000	9.001	16.036	20.275
35942.691	43367.457	28.035	29.490	27.822
1.020				
8/12/2016 3:30:00 AM	106200.000	9.050	16.039	20.386
37415.680	45142.438	29.312	30.697	26.727
1.021				
8/12/2016 3:45:00 AM	107100.000	8.984	16.035	20.238
38032.438	45890.391	29.853	31.205	26.293
1.022				
8/12/2016 4:00:00 AM	108000.000	9.023	16.036	20.325
38088.438	45956.922	29.901	31.251	26.255
1.022				
8/12/2016 4:15:00 AM	108900.000	9.084	16.035	20.462
38105.531	45978.293	29.916	31.265	26.243
1.022				
8/12/2016 4:30:00 AM	109800.000	9.134	16.038	20.575
33692.398	40651.070	26.097	27.643	29.680
1.019				
8/12/2016 4:45:00 AM	110700.000	9.117	16.038	20.538
37716.770	45506.445	29.575	30.944	26.513
1.022				
8/12/2016 5:00:00 AM	111600.000	9.029	16.037	20.338
38092.566	45960.969	29.904	31.253	26.252
1.022				
8/12/2016 5:15:00 AM	112500.000	9.117	16.037	20.537
36010.961	43449.660	28.094	29.546	27.769
1.020				
8/12/2016 5:30:00 AM	113400.000	9.103	16.039	20.506
38088.531	45953.957	29.899	31.249	26.255
1.022				
8/12/2016 5:45:00 AM	114300.000	9.077	16.046	20.446
38150.738	46021.242	29.948	31.294	26.212
1.022				
8/12/2016 6:00:00 AM	115200.000	9.131	16.040	20.568

36697.344	44274.770	28.687	30.107	27.250
1.021				
8/12/2016 6:15:00 AM	116100.000	9.145	16.037	20.601
38124.734	45999.965	29.932	31.280	26.230
1.022				
8/12/2016 6:30:00 AM	117000.000	9.090	16.040	20.477
36634.449	44198.148	28.632	30.055	27.297
1.021				
8/12/2016 6:45:00 AM	117900.000	9.174	16.044	20.666
38148.004	46020.273	29.947	31.294	26.214
1.022				
8/12/2016 7:00:00 AM	118800.000	9.118	16.043	20.539
36631.684	44192.133	28.628	30.051	27.299
1.021				
8/12/2016 7:15:00 AM	119700.000	9.102	16.041	20.503
38117.922	45987.551	29.923	31.272	26.234
1.022				
8/12/2016 7:30:00 AM	120600.000	9.138	16.041	20.584
37118.586	44781.070	29.052	30.451	26.941
1.021				
8/12/2016 7:45:00 AM	121500.000	9.066	16.050	20.423
38103.211	45959.789	29.904	31.253	26.245
1.022				
8/12/2016 8:00:00 AM	122400.000	9.142	16.047	20.593
36259.012	43738.625	28.302	29.742	27.579
1.021				
8/12/2016 8:15:00 AM	123300.000	9.149	16.045	20.608
38079.262	45936.602	29.887	31.237	26.261
1.022				
8/12/2016 8:30:00 AM	124200.000	9.055	16.041	20.398
36755.832	44343.789	28.737	30.154	27.207
1.021				
8/12/2016 8:45:00 AM	125100.000	9.157	16.044	20.627
38071.426	45928.000	29.880	31.231	26.266
1.022				
8/12/2016 9:00:00 AM	126000.000	9.238	16.046	20.810
36118.359	43570.023	28.181	29.628	27.687
1.021				
8/12/2016 9:15:00 AM	126900.000	9.161	16.040	20.636
38040.129	45894.535	29.856	31.208	26.288
1.022				
8/12/2016 9:30:00 AM	127800.000	9.230	16.046	20.791
35606.785	42952.984	27.739	29.208	28.085
1.020				
8/12/2016 9:45:00 AM	128700.000	9.154	16.045	20.620
38041.926	45891.289	29.854	31.206	26.287
1.022				
8/12/2016 10:00:00 AM	129600.000	9.124	16.047	20.552
38169.957	46043.480	29.964	31.310	26.199
1.022				
8/12/2016 10:15:00 AM	130500.000	9.141	16.043	20.591
37227.496	44910.270	29.145	30.539	26.862
1.021				
8/12/2016 10:30:00 AM	131400.000	9.146	16.046	20.602
38078.633	45934.727	29.885	31.236	26.261
1.022				

8/12/2016 10:45:00 AM	132300.000	9.127	16.040	20.560
38121.367	45992.832	29.927	31.275	26.232
1.022				
8/12/2016 11:00:00 AM	133200.000	9.069	16.039	20.429
36954.918	44585.879	28.911	30.318	27.060
1.021				
8/12/2016 11:15:00 AM	134100.000	9.122	16.043	20.549
38071.328	45929.082	29.881	31.232	26.266
1.022				
8/12/2016 11:30:00 AM	135000.000	9.149	16.046	20.609
38106.492	45968.332	29.910	31.258	26.242
1.022				
8/12/2016 11:45:00 AM	135900.000	9.107	16.043	20.515
37245.523	44932.758	29.161	30.554	26.849
1.021				
8/12/2016 12:00:00 PM	136800.000	9.125	16.041	20.555
38123.152	45993.383	29.927	31.276	26.231
1.022				
8/12/2016 12:15:00 PM	137700.000	9.095	16.040	20.486
36512.453	44051.430	28.527	29.955	27.388
1.021				
8/12/2016 12:30:00 PM	138600.000	9.125	16.041	20.554
38081.180	45942.277	29.891	31.241	26.260
1.022				
8/12/2016 12:45:00 PM	139500.000	9.113	16.043	20.529
38128.012	45996.723	29.930	31.278	26.227
1.022				
8/12/2016 1:00:00 PM	140400.000	9.128	16.037	20.562
37592.188	45356.496	29.467	30.842	26.601
1.021				
8/12/2016 1:15:00 PM	141300.000	9.168	16.039	20.652
38123.469	45995.625	29.929	31.277	26.231
1.022				
8/12/2016 1:30:00 PM	142200.000	9.114	16.044	20.531
36695.082	44267.527	28.682	30.102	27.252
1.021				
8/12/2016 1:45:00 PM	143100.000	9.139	16.040	20.587
38079.813	45942.695	29.891	31.241	26.261
1.022				
8/12/2016 2:00:00 PM	144000.000	9.121	16.043	20.546
36247.086	43727.703	28.294	29.735	27.588
1.021				
8/12/2016 2:15:00 PM	144900.000	9.117	16.045	20.538
38049.766	45900.465	29.860	31.212	26.281
1.022				
8/12/2016 2:30:00 PM	145800.000	9.125	16.043	20.556
35908.551	43319.844	28.002	29.457	27.849
1.020				
8/12/2016 2:45:00 PM	146700.000	9.173	16.044	20.663
37710.035	45491.832	29.565	30.934	26.518
1.022				
8/12/2016 3:00:00 PM	147600.000	9.170	16.049	20.657
38075.688	45927.340	29.880	31.231	26.263
1.022				
8/12/2016 3:15:00 PM	148500.000	9.143	16.049	20.596
36846.254	44444.383	28.810	30.222	27.140

1.021				
8/12/2016 3:30:00 PM	149400.000	9.139	16.050	20.587
38077.641	45929.230	29.882	31.232	26.262
1.022				
8/12/2016 3:45:00 PM	150300.000	9.133	16.045	20.572
36057.109	43496.668	28.129	29.578	27.734
1.020				
8/12/2016 4:00:00 PM	151200.000	9.139	16.045	20.585
38038.832	45887.734	29.851	31.204	26.289
1.022				
8/12/2016 4:15:00 PM	152100.000	9.217	16.055	20.761
36997.414	44620.641	28.937	30.342	27.029
1.021				
8/12/2016 4:30:00 PM	153000.000	9.287	16.044	20.919
35962.078	43383.000	28.047	29.500	27.807
1.020				
8/12/2016 4:45:00 PM	153900.000	9.254	16.055	20.845
38089.910	45938.426	29.889	31.238	26.254
1.022				
8/12/2016 5:00:00 PM	154800.000	9.323	16.054	21.002
38102.672	45954.941	29.900	31.249	26.245
1.022				
8/12/2016 5:15:00 PM	155700.000	9.285	16.060	20.916
38048.945	45883.980	29.849	31.201	26.282
1.022				
8/12/2016 5:30:00 PM	156600.000	9.232	16.051	20.795
38095.121	45949.387	29.896	31.246	26.250
1.022				
8/12/2016 5:45:00 PM	157500.000	9.262	16.052	20.864
38079.504	45929.430	29.882	31.232	26.261
1.022				
8/12/2016 6:00:00 PM	158400.000	9.277	16.047	20.898
38107.090	45967.848	29.909	31.258	26.242
1.022				
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38037.703	45880.316	29.846	31.199	26.290
1.022				
8/12/2016 6:30:00 PM	160200.000	9.327	16.052	21.011
38066.125	45913.469	29.870	31.221	26.270
1.022				
8/12/2016 6:45:00 PM	161100.000	9.301	16.048	20.952
38098.914	45956.473	29.901	31.250	26.247
1.022				
8/12/2016 7:00:00 PM	162000.000	9.287	16.056	20.919
38034.926	45871.188	29.840	31.192	26.292
1.022				
8/12/2016 7:15:00 PM	162900.000	9.373	16.052	21.114
38106.836	45962.297	29.906	31.254	26.242
1.022				
8/12/2016 7:30:00 PM	163800.000	9.273	16.058	20.888
38070.953	45912.949	29.870	31.221	26.267
1.022				
8/12/2016 7:45:00 PM	164700.000	9.332	16.053	21.022
38091.559	45943.031	29.892	31.241	26.253
1.022				
8/12/2016 8:00:00 PM	165600.000	9.306	16.054	20.964

38126.473	45983.824	29.921	31.269	26.228
1.022				
8/12/2016 8:15:00 PM	166500.000	9.323	16.050	21.000
36122.777	43571.277	28.182	29.628	27.683
1.021				
8/12/2016 8:30:00 PM	167400.000	9.290	16.050	20.926
35644.953	42994.398	27.769	29.236	28.054
1.020				
8/12/2016 8:45:00 PM	168300.000	9.292	16.051	20.930
35718.566	43082.664	27.832	29.296	27.997
1.020				
8/12/2016 9:00:00 PM	169200.000	9.339	16.049	21.038
35638.043	42987.637	27.764	29.232	28.060
1.020				
8/12/2016 9:15:00 PM	170100.000	9.358	16.047	21.081
38100.598	45959.531	29.903	31.252	26.246
1.022				
8/12/2016 9:30:00 PM	171000.000	9.320	16.053	20.994
38101.766	45954.414	29.900	31.249	26.246
1.022				
8/12/2016 9:45:00 PM	171900.000	9.340	16.051	21.040
38125.254	45985.813	29.923	31.270	26.229
1.022				
8/12/2016 10:00:00 PM	172800.000	9.315	16.053	20.982
38079.555	45927.906	29.881	31.231	26.261
1.022				
8/12/2016 10:15:00 PM	173700.000	9.376	16.051	21.121
38098.941	45954.074	29.900	31.249	26.247
1.022				
8/12/2016 10:30:00 PM	174600.000	9.304	16.049	20.958
38029.359	45871.375	29.840	31.193	26.295
1.022				
8/12/2016 10:45:00 PM	175500.000	9.344	16.053	21.048
37998.816	45830.527	29.810	31.165	26.317
1.022				
8/12/2016 11:00:00 PM	176400.000	9.230	16.050	20.792
36512.426	44040.996	28.520	29.948	27.388
1.021				
8/12/2016 11:15:00 PM	177300.000	9.221	16.052	20.772
38130.582	45991.215	29.927	31.274	26.226
1.022				
8/12/2016 11:30:00 PM	178200.000	9.136	16.047	20.579
37856.727	45665.355	29.691	31.052	26.415
1.022				
8/12/2016 11:45:00 PM	179100.000	9.115	16.054	20.532
38134.570	45992.949	29.928	31.275	26.223
1.022				
8/13/2016 12:00:00 AM	180000.000	9.188	16.045	20.696
37189.000	44861.918	29.111	30.506	26.890
1.021				
8/13/2016 12:15:00 AM	180900.000	9.275	16.044	20.894
38115.109	45980.406	29.918	31.267	26.236
1.022				
8/13/2016 12:30:00 AM	181800.000	9.128	16.055	20.561
36315.621	43798.719	28.346	29.783	27.536
1.021				

8/13/2016 12:45:00 AM 38049.828 1.022	182700.000 45894.199	9.066 29.856	16.051 31.208	20.421 26.281
8/13/2016 1:00:00 AM 38100.039 1.022	183600.000 45962.695	9.141 29.905	16.044 31.255	20.590 26.247
8/13/2016 1:15:00 AM 37967.230 1.022	184500.000 45799.316	9.127 29.787	16.047 31.144	20.559 26.339
8/13/2016 1:30:00 AM 38121.996 1.022	185400.000 45984.500	9.110 29.921	16.048 31.269	20.520 26.232
8/13/2016 1:45:00 AM 38108.703 1.022	186300.000 45971.086	9.121 29.912	16.046 31.260	20.547 26.241
8/13/2016 2:00:00 AM 36277.297 1.021	187200.000 43762.996	9.027 28.320	16.044 29.759	20.335 27.565
8/13/2016 2:15:00 AM 37207.996 1.021	188100.000 44883.539	9.038 29.126	16.047 30.521	20.358 26.876
8/13/2016 2:30:00 AM 37996.402 1.022	189000.000 45837.492	9.068 29.815	16.044 31.169	20.427 26.318
8/13/2016 2:45:00 AM 38117.426 1.022	189900.000 45983.113	8.994 29.920	16.044 31.269	20.260 26.235
8/13/2016 3:00:00 AM 35965.180 1.020	190800.000 43386.566	9.129 28.050	16.044 29.503	20.563 27.805
8/13/2016 3:15:00 AM 38018.621 1.022	191700.000 45865.129	9.067 29.835	16.043 31.188	20.425 26.303
8/13/2016 3:30:00 AM 38097.168 1.022	192600.000 45958.301	9.069 29.902	16.045 31.252	20.430 26.249
8/13/2016 3:45:00 AM 38134.438 1.022	193500.000 46000.457	9.084 29.933	16.047 31.280	20.462 26.223
8/13/2016 4:00:00 AM 36274.887 1.021	194400.000 43759.547	9.131 28.317	16.045 29.756	20.570 27.567
8/13/2016 4:15:00 AM 38038.723 1.022	195300.000 45886.297	9.050 29.850	16.046 31.203	20.386 26.289
8/13/2016 4:30:00 AM 38123.020 1.022	196200.000 45988.645	9.041 29.924	16.045 31.272	20.366 26.231
8/13/2016 4:45:00 AM 36962.027 1.021	197100.000 44587.750	9.111 28.913	16.046 30.320	20.524 27.055
8/13/2016 5:00:00 AM 38024.223 1.022	198000.000 45867.887	9.072 29.837	16.047 31.190	20.435 26.299
8/13/2016 5:15:00 AM 38118.266	198900.000 45977.949	9.173 29.917	16.050 31.265	20.663 26.234

1.022				
8/13/2016 5:30:00 AM	199800.000	9.170	16.048	20.655
36597.621	44145.730	28.595	30.019	27.324
1.021				
8/13/2016 5:45:00 AM	200700.000	9.092	16.049	20.481
38116.254	45977.027	29.916	31.264	26.236
1.022				
8/13/2016 6:00:00 AM	201600.000	9.076	16.044	20.444
35866.465	43268.281	27.965	29.422	27.881
1.020				
8/13/2016 6:15:00 AM	202500.000	9.073	16.048	20.439
37912.766	45732.039	29.739	31.098	26.376
1.022				
8/13/2016 6:30:00 AM	203400.000	9.186	16.048	20.692
38110.445	45970.770	29.912	31.260	26.240
1.022				
8/13/2016 6:45:00 AM	204300.000	9.127	16.053	20.560
37235.164	44909.301	29.145	30.538	26.856
1.021				
8/13/2016 7:00:00 AM	205200.000	9.144	16.049	20.599
38105.375	45962.965	29.906	31.255	26.243
1.022				
8/13/2016 7:15:00 AM	206100.000	9.090	16.052	20.476
37250.816	44929.176	29.159	30.552	26.845
1.021				
8/13/2016 7:30:00 AM	207000.000	9.139	16.048	20.586
38161.816	46032.457	29.956	31.302	26.204
1.022				
8/13/2016 7:45:00 AM	207900.000	9.080	16.047	20.454
37860.324	45670.434	29.694	31.056	26.413
1.022				
8/13/2016 8:00:00 AM	208800.000	9.105	16.053	20.510
35001.820	42216.352	27.213	28.707	28.570
1.020				
8/13/2016 8:15:00 AM	209700.000	9.211	16.053	20.748
38094.344	45946.203	29.894	31.243	26.251
1.022				
8/13/2016 8:30:00 AM	210600.000	9.165	16.057	20.645
36537.129	44063.633	28.537	29.963	27.369
1.021				
8/13/2016 8:45:00 AM	211500.000	9.215	16.049	20.758
38085.422	45939.934	29.889	31.239	26.257
1.022				
8/13/2016 9:00:00 AM	212400.000	9.141	16.049	20.590
38059.293	45907.480	29.866	31.217	26.275
1.022				
8/13/2016 9:15:00 AM	213300.000	9.186	16.047	20.692
36432.473	43948.035	28.453	29.885	27.448
1.021				
8/13/2016 9:30:00 AM	214200.000	9.247	16.053	20.829
38097.531	45949.305	29.896	31.246	26.248
1.022				
8/13/2016 9:45:00 AM	215100.000	9.247	16.051	20.829
37804.727	45598.277	29.642	31.007	26.452
1.022				
8/13/2016 10:00:00 AM	216000.000	9.194	16.057	20.710

35813.277	43190.844	27.910	29.370	27.923
1.020				
8/13/2016 10:15:00 AM	216900.000	9.259	16.055	20.857
38024.867	45860.078	29.832	31.185	26.299
1.022				
8/13/2016 10:30:00 AM	217800.000	9.302	16.055	20.953
37194.348	44858.512	29.109	30.504	26.886
1.021				
8/13/2016 10:45:00 AM	218700.000	9.227	16.051	20.786
38112.949	45970.891	29.912	31.260	26.238
1.022				
8/13/2016 11:00:00 AM	219600.000	9.224	16.054	20.777
38042.152	45881.859	29.848	31.200	26.287
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8/13/2016 11:15:00 AM	220500.000	9.194	16.065	20.711
36969.008	44576.227	28.906	30.312	27.050
1.021				
8/13/2016 11:30:00 AM	221400.000	9.213	16.058	20.752
38107.465	45956.344	29.902	31.250	26.242
1.022				
8/13/2016 11:45:00 AM	222300.000	23.172	16.064	52.198
38736.516	46708.867	30.447	31.762	25.815
1.022				
8/13/2016 12:00:00 PM	223200.000	23.518	16.166	52.977
39187.828	47141.949	30.768	32.057	25.518
1.022				
8/13/2016 12:15:00 PM	224100.000	23.715	16.163	53.421
39117.297	47060.441	30.709	32.001	25.564
1.022				
8/13/2016 12:30:00 PM	225000.000	23.863	16.138	53.754
38995.398	46940.629	30.620	31.920	25.644
1.022				
8/13/2016 12:45:00 PM	225900.000	23.983	16.075	54.024
39614.375	47755.457	31.209	32.474	25.243
1.023				
8/13/2016 1:00:00 PM	226800.000	24.086	15.853	54.256
40937.016	49603.184	32.542	33.730	24.428
1.024				
8/13/2016 1:15:00 PM	227700.000	24.181	15.725	54.470
41124.145	49977.281	32.807	33.985	24.317
1.024				
8/13/2016 1:30:00 PM	228600.000	24.266	15.663	54.662
41114.559	50038.625	32.847	34.026	24.322
1.024				
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41113.785	50081.309	32.875	34.055	24.323
1.024				
8/13/2016 2:00:00 PM	230400.000	24.409	15.607	54.984
41063.824	50041.566	32.845	34.028	24.352
1.024				
8/13/2016 2:15:00 PM	231300.000	24.464	15.580	55.109
41003.496	49999.637	32.812	34.000	24.388
1.024				
8/13/2016 2:30:00 PM	232200.000	24.519	15.562	55.232
40953.945	49959.578	32.782	33.973	24.418
1.024				

8/13/2016 2:45:00 PM 40969.828 1.024	233100.000 50005.133	24.561 32.813	15.540 34.003	55.326 24.408
8/13/2016 3:00:00 PM 40901.340 1.024	234000.000 49949.758	24.609 32.771	15.516 33.966	55.434 24.449
8/13/2016 3:15:00 PM 40861.398 1.024	234900.000 49913.238	24.655 32.743	15.505 33.941	55.539 24.473
8/13/2016 3:30:00 PM 40859.672 1.024	235800.000 49919.266	24.698 32.747	15.498 33.945	55.635 24.474
8/13/2016 3:45:00 PM 40906.457 1.024	236700.000 49976.738	24.732 32.789	15.498 33.984	55.711 24.446
8/13/2016 4:00:00 PM 40879.484 1.024	237600.000 49944.922	24.769 32.766	15.497 33.963	55.795 24.462
8/13/2016 4:15:00 PM 40907.195 1.024	238500.000 49990.855	24.810 32.799	15.487 33.994	55.886 24.446
8/13/2016 4:30:00 PM 40925.840 1.024	239400.000 50023.039	24.847 32.822	15.479 34.016	55.970 24.434
8/13/2016 4:45:00 PM 40891.520 1.024	240300.000 49986.246	24.885 32.794	15.474 33.991	56.056 24.455
8/13/2016 5:00:00 PM 40888.000 1.024	241200.000 49990.820	24.918 32.797	15.466 33.994	56.131 24.457
8/13/2016 5:15:00 PM 40925.551 1.024	242100.000 50044.805	24.955 32.836	15.460 34.030	56.213 24.435
8/13/2016 5:30:00 PM 40895.160 1.024	243000.000 50008.684	24.975 32.810	15.459 34.006	56.259 24.453
8/13/2016 5:45:00 PM 40881.059 1.024	243900.000 49993.809	25.010 32.799	15.457 33.996	56.337 24.461
8/13/2016 6:00:00 PM 40892.188 1.024	244800.000 50009.074	25.034 32.810	15.455 34.006	56.392 24.455
8/13/2016 6:15:00 PM 40904.500 1.024	245700.000 50029.918	25.066 32.825	15.450 34.020	56.465 24.447
8/13/2016 6:30:00 PM 40914.383 1.024	246600.000 50041.488	25.095 32.833	15.451 34.028	56.528 24.441
8/13/2016 6:45:00 PM 40870.473 1.024	247500.000 49986.020	25.117 32.793	15.452 33.990	56.578 24.468
8/13/2016 7:00:00 PM 40874.922 1.024	248400.000 49996.637	25.142 32.800	15.448 33.998	56.636 24.465
8/13/2016 7:15:00 PM 40832.781	249300.000 49939.820	25.161 32.759	15.452 33.959	56.677 24.490

1.024				
8/13/2016 7:30:00 PM	250200.000	25.184	15.452	56.729
40834.461	49942.805	32.761	33.961	24.489
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8/13/2016 7:45:00 PM	251100.000	25.205	15.459	56.778
40814.734	49910.109	32.738	33.939	24.501
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8/13/2016 8:00:00 PM	252000.000	25.223	15.464	56.817
40794.695	49880.148	32.716	33.919	24.513
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8/13/2016 8:15:00 PM	252900.000	25.241	15.472	56.858
40794.180	49869.531	32.709	33.911	24.513
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8/13/2016 8:30:00 PM	253800.000	25.255	15.482	56.888
40786.813	49849.398	32.695	33.898	24.518
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8/13/2016 8:45:00 PM	254700.000	25.267	15.490	56.917
40794.758	49849.840	32.696	33.898	24.513
1.024				
8/13/2016 9:00:00 PM	255600.000	25.280	15.497	56.946
40777.504	49819.910	32.674	33.878	24.523
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8/13/2016 9:15:00 PM	256500.000	25.292	15.505	56.972
40751.953	49780.070	32.646	33.850	24.539
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8/13/2016 9:30:00 PM	257400.000	25.306	15.512	57.005
40781.004	49806.707	32.666	33.869	24.521
1.024				
8/13/2016 9:45:00 PM	258300.000	25.309	15.516	57.012
40791.109	49814.629	32.672	33.874	24.515
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8/13/2016 10:00:00 PM	259200.000	25.320	15.522	57.036
40821.750	49845.047	32.695	33.895	24.497
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8/13/2016 10:15:00 PM	260100.000	25.331	15.520	57.061
40821.039	49846.645	32.696	33.896	24.497
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8/13/2016 10:30:00 PM	261000.000	25.338	15.521	57.076
40838.379	49866.902	32.711	33.909	24.487
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8/13/2016 10:45:00 PM	261900.000	25.340	15.514	57.082
40910.805	49962.871	32.780	33.975	24.443
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8/13/2016 11:00:00 PM	262800.000	25.345	15.510	57.092
40912.285	49969.828	32.785	33.979	24.443
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8/13/2016 11:15:00 PM	263700.000	25.349	15.507	57.100
40981.492	50057.352	32.849	34.039	24.401
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8/13/2016 11:30:00 PM	264600.000	25.358	15.507	57.121
41029.309	50115.660	32.892	34.079	24.373
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8/13/2016 11:45:00 PM	265500.000	25.355	15.515	57.115
41081.664	50171.320	32.933	34.117	24.342
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8/14/2016 12:00:00 AM	266400.000	25.358	15.518	57.120

41106.359	50197.230	32.952	34.134	24.327
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8/14/2016 12:15:00 AM	267300.000	25.363	15.529	57.132
41163.379	50254.742	32.995	34.173	24.293
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8/14/2016 12:30:00 AM	268200.000	25.365	15.551	57.137
41224.215	50302.344	33.032	34.206	24.258
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8/14/2016 12:45:00 AM	269100.001	25.368	15.578	57.144
41271.914	50329.117	33.054	34.224	24.230
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8/14/2016 1:00:00 AM	270000.000	25.373	15.615	57.156
41296.516	50315.379	33.046	34.214	24.215
1.024				
8/14/2016 1:15:00 AM	270900.000	25.377	15.659	57.164
41400.367	50390.906	33.105	34.266	24.154
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8/14/2016 1:30:00 AM	271800.000	25.375	15.677	57.161
41404.211	50374.883	33.095	34.255	24.152
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8/14/2016 1:45:00 AM	272700.000	25.379	15.694	57.168
41436.500	50393.477	33.109	34.268	24.133
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8/14/2016 2:00:00 AM	273600.000	25.388	15.704	57.190
41428.715	50372.012	33.094	34.253	24.138
1.024				
8/14/2016 2:15:00 AM	274500.010	25.392	15.709	57.197
41472.813	50419.930	33.130	34.286	24.112
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8/14/2016 2:30:00 AM	275400.000	25.396	15.712	57.208
41467.098	50409.680	33.123	34.279	24.116
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41428.594	50341.281	33.074	34.232	24.138
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8/14/2016 3:00:00 AM	277200.000	25.411	15.730	57.242
41456.535	50375.855	33.099	34.256	24.122
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8/14/2016 3:15:00 AM	278100.000	25.414	15.747	57.248
41445.707	50343.387	33.077	34.234	24.128
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8/14/2016 3:30:00 AM	279000.000	25.427	15.752	57.278
41511.578	50417.500	33.131	34.284	24.090
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8/14/2016 3:45:00 AM	279900.000	25.431	15.765	57.285
41475.348	50357.707	33.089	34.243	24.111
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8/14/2016 4:00:00 AM	280800.000	25.441	15.755	57.307
41515.727	50418.105	33.132	34.284	24.087
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8/14/2016 4:15:00 AM	281700.000	25.455	15.760	57.339
41484.715	50375.586	33.101	34.255	24.105
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8/14/2016 4:30:00 AM	282600.000	25.461	15.769	57.354
41480.195	50359.457	33.090	34.244	24.108
1.024				

8/14/2016 4:45:00 AM 41505.047 1.024	283500.000 50385.715	25.479 33.110	15.772 34.262	57.394 24.093
8/14/2016 5:00:00 AM 41471.445 1.024	284400.000 50334.820	25.487 33.073	15.781 34.228	57.411 24.113
8/14/2016 5:15:00 AM 41488.793 1.024	285300.000 50345.773	25.499 33.082	15.789 34.235	57.438 24.103
8/14/2016 5:30:00 AM 41480.012 1.024	286200.000 50326.871	25.508 33.068	15.796 34.222	57.460 24.108
8/14/2016 5:45:00 AM 41419.813 1.024	287100.000 50246.422	25.530 33.010	15.803 34.168	57.508 24.143
8/14/2016 6:00:00 AM 41472.125 1.024	288000.000 50298.664	25.544 33.049	15.812 34.203	57.541 24.113
8/14/2016 6:15:00 AM 41448.121 1.024	288900.000 50260.820	25.557 33.022	15.820 34.177	57.570 24.127
8/14/2016 6:30:00 AM 41447.234 1.024	289800.000 50251.930	25.571 33.015	15.827 34.171	57.602 24.127
8/14/2016 6:45:00 AM 41439.195 1.024	290700.000 50236.219	25.581 33.004	15.832 34.161	57.624 24.132
8/14/2016 7:00:00 AM 41418.508 1.024	291600.000 50199.336	25.593 32.978	15.842 34.136	57.651 24.144
8/14/2016 7:15:00 AM 41421.879 1.024	292500.000 50199.309	25.609 32.978	15.845 34.136	57.687 24.142
8/14/2016 7:30:00 AM 41437.680 1.024	293400.000 50211.988	25.618 32.988	15.851 34.144	57.707 24.133
8/14/2016 7:45:00 AM 41414.285 1.024	294300.000 50184.063	25.631 32.967	15.851 34.125	57.737 24.146
8/14/2016 8:00:00 AM 41394.188 1.024	295200.000 50172.723	25.640 32.958	15.839 34.117	57.757 24.158
8/14/2016 8:15:00 AM 41407.461 1.024	296100.000 50194.371	25.656 32.974	15.835 34.132	57.794 24.150
8/14/2016 8:30:00 AM 41408.438 1.024	297000.000 50209.813	25.665 32.984	15.822 34.143	57.814 24.150
8/14/2016 8:45:00 AM 41394.473 1.024	297900.000 50200.680	25.679 32.977	15.816 34.136	57.844 24.158
8/14/2016 9:00:00 AM 41415.574 1.024	298800.000 50224.953	25.680 32.995	15.817 34.153	57.846 24.146
8/14/2016 9:15:00 AM 41374.012	299700.000 50174.637	25.690 32.958	15.817 34.119	57.869 24.170

1.024				
8/14/2016 9:30:00 AM	300600.000	25.697	15.818	57.886
41426.352	50236.266	33.003	34.161	24.139
1.024				
8/14/2016 9:45:00 AM	301500.000	25.711	15.824	57.916
41411.047	50211.641	32.986	34.144	24.148
1.024				
8/14/2016 10:00:00 AM	302400.000	25.716	15.831	57.928
41439.781	50237.344	33.005	34.161	24.131
1.024				
8/14/2016 10:15:00 AM	303300.000	25.720	15.836	57.938
41441.070	50233.770	33.003	34.159	24.131
1.024				
8/14/2016 10:30:00 AM	304200.000	25.724	15.844	57.945
41433.262	50214.742	32.989	34.146	24.135
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8/14/2016 10:45:00 AM	305100.000	25.724	15.865	57.945
41503.875	50275.453	33.036	34.187	24.094
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8/14/2016 11:00:00 AM	306000.000	25.729	15.880	57.958
41499.453	50252.848	33.020	34.172	24.097
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8/14/2016 11:15:00 AM	306900.000	25.735	15.899	57.970
41525.648	50262.605	33.029	34.179	24.082
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8/14/2016 11:30:00 AM	307800.000	25.746	15.899	57.995
41531.875	50270.859	33.035	34.184	24.078
1.024				
8/14/2016 11:45:00 AM	308700.000	25.743	15.910	57.989
41595.191	50334.348	33.082	34.227	24.041
1.024				
8/14/2016 12:00:00 PM	309600.000	25.748	15.916	57.999
41506.363	50219.883	32.999	34.150	24.093
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8/14/2016 12:15:00 PM	310500.000	25.749	15.922	58.002
41560.176	50277.922	33.042	34.189	24.061
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8/14/2016 12:30:00 PM	311400.000	25.746	15.925	57.996
41557.172	50270.586	33.036	34.184	24.063
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8/14/2016 12:45:00 PM	312300.000	25.755	15.932	58.015
41549.199	50253.449	33.024	34.172	24.068
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8/14/2016 1:00:00 PM	313200.000	25.753	15.940	58.012
41495.488	50179.063	32.970	34.122	24.099
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8/14/2016 1:15:00 PM	314100.000	25.759	15.946	58.025
41493.070	50168.289	32.963	34.114	24.100
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8/14/2016 1:30:00 PM	315000.000	25.759	15.952	58.025
41475.410	50140.082	32.943	34.095	24.111
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8/14/2016 1:45:00 PM	315900.000	25.763	15.961	58.034
41483.145	50138.895	32.942	34.094	24.106
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8/14/2016 2:00:00 PM	316800.000	25.772	15.964	58.055

41482.055	50134.109	32.939	34.091	24.107
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8/14/2016 2:15:00 PM	317700.000	25.772	15.968	58.053
41422.957	50058.504	32.884	34.040	24.141
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8/14/2016 2:30:00 PM	318600.000	25.775	15.969	58.061
41425.664	50060.461	32.885	34.041	24.140
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8/14/2016 2:45:00 PM	319500.000	25.784	15.988	58.081
41423.508	50035.918	32.869	34.024	24.141
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8/14/2016 3:00:00 PM	320400.000	25.790	15.976	58.095
41390.328	50009.695	32.849	34.007	24.160
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8/14/2016 3:15:00 PM	321300.000	25.799	15.987	58.114
41445.066	50063.801	32.889	34.043	24.128
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8/14/2016 3:30:00 PM	322200.000	25.808	15.986	58.135
41400.742	50011.277	32.851	34.008	24.154
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8/14/2016 3:45:00 PM	323100.000	25.812	15.993	58.144
41394.578	49995.789	32.840	33.997	24.158
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8/14/2016 4:00:00 PM	324000.000	25.822	15.985	58.167
41374.840	49981.000	32.828	33.987	24.169
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8/14/2016 4:15:00 PM	324900.000	25.830	15.981	58.185
41367.293	49975.969	32.824	33.984	24.174
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8/14/2016 4:30:00 PM	325800.000	25.843	15.961	58.214
41406.746	50047.383	32.875	34.032	24.151
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8/14/2016 4:45:00 PM	326700.000	25.850	15.940	58.229
41332.051	49981.539	32.825	33.987	24.194
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41367.793	50040.168	32.867	34.027	24.173
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41327.863	50000.945	32.838	34.001	24.197
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8/14/2016 5:30:00 PM	329400.000	25.887	15.914	58.312
41341.441	50022.586	32.854	34.015	24.189
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8/14/2016 5:45:00 PM	330300.000	25.892	15.904	58.324
41343.488	50036.902	32.863	34.025	24.188
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8/14/2016 6:00:00 PM	331200.000	25.904	15.897	58.352
41349.906	50052.832	32.875	34.036	24.184
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8/14/2016 6:15:00 PM	332100.000	25.923	15.892	58.394
41377.332	50090.953	32.902	34.062	24.168
1.024				
8/14/2016 6:30:00 PM	333000.000	25.927	15.885	58.403
41410.262	50139.211	32.937	34.095	24.149
1.024				

8/14/2016 6:45:00 PM 41492.926 1.024	333900.000 50245.656	25.936 33.015	15.880 34.167	58.424 24.100
8/14/2016 7:00:00 PM 41470.148 1.024	334800.000 50225.172	25.948 32.999	15.874 34.153	58.450 24.114
8/14/2016 7:15:00 PM 41535.691 1.024	335700.000 50309.172	25.957 33.061	15.870 34.210	58.470 24.076
8/14/2016 7:30:00 PM 41591.516 1.024	336600.000 50382.949	25.966 33.114	15.864 34.260	58.490 24.043
8/14/2016 7:45:00 PM 41646.160 1.024	337500.000 50452.758	25.974 33.165	15.861 34.308	58.509 24.012
8/14/2016 8:00:00 PM 41663.918 1.024	338400.000 50480.672	25.982 33.185	15.856 34.327	58.526 24.002
8/14/2016 8:15:00 PM 41697.672 1.024	339300.001 50526.410	25.991 33.219	15.852 34.358	58.546 23.982
8/14/2016 8:30:00 PM 41733.910 1.024	340200.000 50576.324	25.995 33.255	15.846 34.392	58.557 23.961
8/14/2016 8:45:00 PM 41797.578 1.024	341100.000 50656.898	26.006 33.314	15.844 34.447	58.580 23.925
8/14/2016 9:00:00 PM 41805.488 1.024	342000.000 50663.488	26.008 33.319	15.846 34.451	58.585 23.920
8/14/2016 9:15:00 PM 41843.918 1.025	342900.000 50720.121	26.011 33.360	15.838 34.490	58.592 23.898
8/14/2016 9:30:00 PM 41940.098 1.025	343800.000 50840.438	26.011 33.448	15.834 34.571	58.592 23.844
8/14/2016 9:45:00 PM 41958.523 1.025	344700.000 50860.395	26.015 33.463	15.836 34.585	58.601 23.833
8/14/2016 10:00:00 PM 41963.824 1.025	345600.000 50861.926	26.015 33.464	15.841 34.586	58.601 23.830
8/14/2016 10:15:00 PM 41991.574 1.025	346500.000 50890.559	26.009 33.486	15.845 34.606	58.588 23.814
8/14/2016 10:30:00 PM 42019.508 1.025	347400.000 50910.980	26.012 33.502	15.856 34.619	58.594 23.798
8/14/2016 10:45:00 PM 42090.145 1.025	348300.000 50950.234	26.002 33.533	15.895 34.646	58.572 23.759
8/14/2016 11:00:00 PM 42101.633 1.025	349200.000 50972.145	25.999 33.549	15.889 34.661	58.564 23.752
8/14/2016 11:15:00 PM 42045.348	350100.000 50889.152	25.994 33.489	15.901 34.605	58.554 23.784

1.025				
8/14/2016 11:30:00 PM	351000.000	25.988	15.934	58.539
41923.020	50702.191	33.354	34.477	23.853
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8/14/2016 11:45:00 PM	351900.000	25.977	15.954	58.517
41813.313	50546.813	33.241	34.372	23.916
1.024				
8/15/2016 12:00:00 AM	352800.000	25.976	15.976	58.513
41698.371	50381.789	33.122	34.260	23.982
1.024				
8/15/2016 12:15:00 AM	353700.000	25.966	15.998	58.491
41643.309	50290.262	33.056	34.197	24.013
1.024				
8/15/2016 12:30:00 AM	354600.000	25.958	16.013	58.473
41637.004	50265.152	33.039	34.180	24.017
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8/15/2016 12:45:00 AM	355500.000	25.949	16.031	58.454
41564.941	50156.824	32.961	34.107	24.059
1.024				
8/15/2016 1:00:00 AM	356400.000	25.945	16.049	58.443
41508.293	50067.590	32.896	34.046	24.092
1.024				
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41439.844	49971.320	32.827	33.981	24.131
1.024				
8/15/2016 1:30:00 AM	358200.000	25.935	16.072	58.422
41403.680	49915.426	32.786	33.942	24.152
1.024				
8/15/2016 1:45:00 AM	359100.000	25.927	16.082	58.404
41399.992	49899.723	32.776	33.932	24.155
1.024				
8/15/2016 2:00:00 AM	360000.000	25.921	16.089	58.389
41358.953	49841.867	32.734	33.892	24.179
1.024				
8/15/2016 2:15:00 AM	360900.000	25.916	16.102	58.378
41354.414	49821.617	32.720	33.879	24.181
1.024				
8/15/2016 2:30:00 AM	361800.000	25.914	16.106	58.373
41330.480	49788.734	32.696	33.856	24.195
1.024				
8/15/2016 2:45:00 AM	362700.000	25.911	16.113	58.368
41339.113	49790.352	32.698	33.857	24.190
1.024				
8/15/2016 3:00:00 AM	363600.000	25.910	16.115	58.364
41306.945	49750.184	32.668	33.830	24.209
1.024				
8/15/2016 3:15:00 AM	364500.000	25.910	16.121	58.364
41284.359	49715.934	32.644	33.807	24.222
1.024				
8/15/2016 3:30:00 AM	365400.000	25.906	16.124	58.356
41264.984	49688.859	32.624	33.788	24.234
1.024				
8/15/2016 3:45:00 AM	366300.000	25.907	16.130	58.359
41240.707	49653.180	32.598	33.764	24.248
1.024				
8/15/2016 4:00:00 AM	367200.000	25.907	16.133	58.358

41266.543	49680.059	32.618	33.782	24.233
1.024				
8/15/2016 4:15:00 AM	368100.000	25.908	16.132	58.360
41242.789	49652.863	32.598	33.764	24.247
1.024				
8/15/2016 4:30:00 AM	369000.000	25.915	16.136	58.376
41228.730	49631.906	32.583	33.750	24.255
1.024				
8/15/2016 4:45:00 AM	369900.000	25.916	16.139	58.379
41202.840	49597.117	32.558	33.726	24.270
1.024				
8/15/2016 5:00:00 AM	370800.000	25.922	16.145	58.392
41206.828	49595.395	32.557	33.725	24.268
1.024				
8/15/2016 5:15:00 AM	371700.000	25.925	16.139	58.399
41249.395	49652.359	32.598	33.764	24.243
1.024				
8/15/2016 5:30:00 AM	372600.000	25.931	16.149	58.412
41240.504	49630.285	32.583	33.749	24.248
1.024				
8/15/2016 5:45:00 AM	373500.000	25.942	16.150	58.438
41237.164	49626.160	32.580	33.746	24.250
1.024				
8/15/2016 6:00:00 AM	374400.000	25.949	16.148	58.452
41190.324	49571.496	32.540	33.709	24.278
1.024				
8/15/2016 6:15:00 AM	375300.000	25.957	16.146	58.471
41219.848	49609.047	32.567	33.734	24.260
1.024				
8/15/2016 6:30:00 AM	376200.000	25.968	16.150	58.495
41198.465	49578.492	32.545	33.713	24.273
1.024				
8/15/2016 6:45:00 AM	377100.000	25.977	16.150	58.515
41204.453	49586.293	32.551	33.719	24.269
1.024				
8/15/2016 7:00:00 AM	378000.000	25.983	16.151	58.530
41197.945	49577.355	32.544	33.713	24.273
1.024				
8/15/2016 7:15:00 AM	378900.000	25.994	16.158	58.553
41204.750	49577.809	32.545	33.713	24.269
1.024				
8/15/2016 7:30:00 AM	379800.000	26.002	16.154	58.573
41245.102	49630.789	32.584	33.749	24.245
1.024				
8/15/2016 7:45:00 AM	380700.000	26.014	16.150	58.598
41220.516	49605.832	32.565	33.732	24.260
1.024				
8/15/2016 8:00:00 AM	381600.000	26.018	16.136	58.609
41225.406	49627.906	32.580	33.747	24.257
1.024				
8/15/2016 8:15:00 AM	382500.000	26.030	16.128	58.635
41212.223	49621.094	32.575	33.742	24.265
1.024				
8/15/2016 8:30:00 AM	383400.000	26.036	16.112	58.649
41203.344	49627.934	32.579	33.747	24.270
1.024				

8/15/2016 8:45:00 AM 41214.957 1.024	384300.000 49645.051	26.043 32.591	16.110 33.759	58.664 24.263
8/15/2016 9:00:00 AM 41219.258 1.024	385200.000 49651.734	26.051 32.596	16.108 33.763	58.683 24.261
8/15/2016 9:15:00 AM 41228.727 1.024	386100.000 49674.938	26.057 32.612	16.098 33.779	58.697 24.255
8/15/2016 9:30:00 AM 41250.418 1.024	387000.000 49702.184	26.066 32.632	16.097 33.797	58.716 24.242
8/15/2016 9:45:00 AM 41230.652 1.024	387900.000 49680.996	26.072 32.616	16.095 33.783	58.729 24.254
8/15/2016 10:00:00 AM 41258.316 1.024	388800.000 49710.488	26.069 32.638	16.098 33.803	58.722 24.238
8/15/2016 10:15:00 AM 41234.934 1.024	389700.000 49690.477	26.074 32.623	16.091 33.790	58.735 24.251
8/15/2016 10:30:00 AM 41296.090 1.024	390600.000 49761.660	26.076 32.675	16.093 33.838	58.739 24.215
8/15/2016 10:45:00 AM 41309.191 1.024	391500.000 49770.273	26.081 32.682	16.099 33.844	58.751 24.208
8/15/2016 11:00:00 AM 41296.039 1.024	392400.000 49747.445	26.085 32.666	16.105 33.828	58.760 24.215
8/15/2016 11:15:00 AM 41326.328 1.024	393300.000 49769.492	26.081 32.683	16.118 33.843	58.751 24.198
8/15/2016 11:30:00 AM 41326.227 1.024	394200.000 49756.035	26.085 32.674	16.130 33.834	58.758 24.198
8/15/2016 11:45:00 AM 41349.852 1.024	395100.000 49777.117	26.084 32.690	16.136 33.848	58.758 24.184
8/15/2016 12:00:00 PM 41362.445 1.024	396000.000 49787.430	26.081 32.697	16.140 33.855	58.750 24.177
8/15/2016 12:15:00 PM 41347.109 1.024	396900.000 49772.699	26.083 32.686	16.137 33.845	58.755 24.185
8/15/2016 12:30:00 PM 41383.164 1.024	397800.000 49816.707	26.081 32.719	16.137 33.875	58.750 24.164
8/15/2016 12:45:00 PM 41377.922 1.024	398700.000 49798.078	26.076 32.706	16.147 33.863	58.738 24.167
8/15/2016 1:00:00 PM 41342.289 1.024	399600.000 49755.492	26.080 32.675	16.147 33.834	58.748 24.188
8/15/2016 1:15:00 PM 41355.754	400500.000 49764.637	26.073 32.682	16.153 33.840	58.732 24.180

1.024				
8/15/2016 1:30:00 PM	401400.000	26.076	16.158	58.738
41333.258	49732.531	32.658	33.818	24.194
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8/15/2016 1:45:00 PM	402300.000	26.073	16.164	58.732
41317.113	49706.246	32.640	33.800	24.203
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8/15/2016 2:00:00 PM	403200.000	26.072	16.162	58.729
41336.785	49732.242	32.659	33.818	24.192
1.024				
8/15/2016 2:15:00 PM	404100.000	26.071	16.163	58.727
41323.164	49714.539	32.646	33.806	24.200
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8/15/2016 2:30:00 PM	405000.000	26.071	16.170	58.727
41291.223	49668.066	32.612	33.774	24.218
1.024				
8/15/2016 2:45:00 PM	405900.000	26.071	16.166	58.727
41329.078	49718.125	32.648	33.808	24.196
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8/15/2016 3:00:00 PM	406800.000	26.069	16.169	58.723
41284.895	49661.148	32.607	33.770	24.222
1.024				
8/15/2016 3:15:00 PM	407700.000	26.077	16.166	58.742
41276.695	49654.805	32.602	33.765	24.227
1.024				
8/15/2016 3:30:00 PM	408600.000	26.080	16.169	58.748
41249.656	49619.066	32.576	33.741	24.243
1.024				
8/15/2016 3:45:00 PM	409500.000	26.084	16.168	58.756
41237.305	49605.105	32.566	33.731	24.250
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8/15/2016 4:00:00 PM	410400.000	26.088	16.168	58.766
41298.738	49679.711	32.620	33.782	24.214
1.024				
8/15/2016 4:15:00 PM	411300.000	26.091	16.167	58.772
41277.973	49655.340	32.603	33.766	24.226
1.024				
8/15/2016 4:30:00 PM	412200.000	26.097	16.168	58.786
41266.387	49640.090	32.591	33.755	24.233
1.024				
8/15/2016 4:45:00 PM	413100.000	26.100	16.168	58.793
41263.871	49637.063	32.589	33.753	24.234
1.024				
8/15/2016 5:00:00 PM	414000.000	26.112	16.162	58.819
41264.918	49644.977	32.595	33.759	24.234
1.024				
8/15/2016 5:15:00 PM	414900.000	26.116	16.142	58.829
41226.059	49621.750	32.576	33.743	24.257
1.024				
8/15/2016 5:30:00 PM	415800.000	26.128	16.125	58.855
41225.621	49640.660	32.589	33.756	24.257
1.024				
8/15/2016 5:45:00 PM	416700.000	26.137	16.109	58.877
41213.043	49643.543	32.590	33.758	24.264
1.024				
8/15/2016 6:00:00 PM	417600.000	26.144	16.100	58.893

41204.020	49643.348	32.589	33.757	24.269
1.024				
8/15/2016 6:15:00 PM	418500.000	26.153	16.087	58.912
41245.832	49708.148	32.636	33.802	24.245
1.024				
8/15/2016 6:30:00 PM	419400.000	26.155	16.078	58.918
41223.773	49691.867	32.623	33.790	24.258
1.024				
8/15/2016 6:45:00 PM	420300.000	26.171	16.069	58.952
41257.809	49743.309	32.660	33.825	24.238
1.024				
8/15/2016 7:00:00 PM	421200.000	26.180	16.061	58.972
41297.582	49800.770	32.702	33.865	24.214
1.024				
8/15/2016 7:15:00 PM	422100.000	26.189	16.052	58.992
41292.805	49804.418	32.704	33.867	24.217
1.024				
8/15/2016 7:30:00 PM	423000.000	26.198	16.043	59.013
41321.512	49850.293	32.737	33.898	24.200
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8/15/2016 7:45:00 PM	423900.000	26.206	16.036	59.032
41352.875	49895.637	32.769	33.929	24.182
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8/15/2016 8:00:00 PM	424800.000	26.215	16.031	59.051
41365.895	49917.035	32.785	33.944	24.175
1.024				
8/15/2016 8:15:00 PM	425700.000	26.220	16.020	59.062
41451.730	50033.336	32.869	34.023	24.124
1.024				
8/15/2016 8:30:00 PM	426600.000	26.229	16.017	59.083
41457.996	50044.563	32.877	34.030	24.121
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8/15/2016 8:45:00 PM	427500.000	26.235	16.010	59.096
41502.320	50105.910	32.922	34.072	24.095
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8/15/2016 9:00:00 PM	428400.000	26.242	16.008	59.112
41519.117	50128.754	32.938	34.088	24.085
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8/15/2016 9:15:00 PM	429300.000	26.246	16.003	59.121
41521.699	50137.375	32.944	34.093	24.084
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8/15/2016 9:30:00 PM	430200.000	26.250	16.004	59.130
41629.559	50267.113	33.040	34.182	24.021
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41625.258	50263.043	33.036	34.179	24.024
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8/15/2016 10:00:00 PM	432000.000	26.253	16.002	59.138
41661.176	50307.441	33.069	34.209	24.003
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8/15/2016 10:15:00 PM	432900.000	26.253	16.007	59.137
41672.574	50315.469	33.075	34.215	23.997
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8/15/2016 10:30:00 PM	433800.000	26.250	16.014	59.130
41712.223	50354.320	33.104	34.241	23.974
1.024				

8/15/2016 10:45:00 PM	434700.000	26.244	16.035	59.116
41735.523	50358.875	33.109	34.244	23.960
1.024				
8/15/2016 11:00:00 PM	435600.000	26.242	16.069	59.114
41824.949	50427.199	33.162	34.290	23.909
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8/15/2016 11:15:00 PM	436500.000	26.234	16.064	59.095
41834.125	50443.480	33.173	34.302	23.904
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8/15/2016 11:30:00 PM	437400.000	26.234	16.057	59.094
41827.574	50443.684	33.173	34.302	23.908
1.024				
8/15/2016 11:45:00 PM	438300.000	26.232	16.081	59.089
41745.945	50318.039	33.083	34.216	23.954
1.024				
8/16/2016 12:00:00 AM	439200.000	26.215	16.098	59.051
41705.063	50249.051	33.033	34.169	23.978
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8/16/2016 12:15:00 AM	440100.000	26.209	16.113	59.039
41645.648	50159.344	32.968	34.108	24.012
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8/16/2016 12:30:00 AM	441000.000	26.198	16.124	59.014
41584.508	50073.301	32.906	34.050	24.047
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8/16/2016 12:45:00 AM	441900.000	26.193	16.138	59.002
41533.918	49996.867	32.851	33.998	24.077
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8/16/2016 1:00:00 AM	442800.000	26.183	16.145	58.979
41480.824	49925.055	32.799	33.949	24.108
1.024				
8/16/2016 1:15:00 AM	443700.000	26.177	16.163	58.966
41477.801	49900.676	32.782	33.932	24.109
1.024				
8/16/2016 1:30:00 AM	444600.000	26.165	16.180	58.940
41429.500	49823.184	32.726	33.880	24.137
1.024				
8/16/2016 1:45:00 AM	445500.000	26.155	16.182	58.917
41418.797	49807.387	32.715	33.869	24.144
1.024				
8/16/2016 2:00:00 AM	446400.000	26.148	16.186	58.900
41414.625	49798.023	32.708	33.863	24.146
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8/16/2016 2:15:00 AM	447300.000	26.142	16.195	58.886
41357.133	49718.926	32.651	33.809	24.180
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8/16/2016 2:30:00 AM	448200.000	26.138	16.193	58.878
41317.688	49673.414	32.618	33.778	24.203
1.024				
8/16/2016 2:45:00 AM	449100.000	26.132	16.200	58.866
41327.914	49678.277	32.622	33.781	24.197
1.024				
8/16/2016 3:00:00 AM	450000.000	26.124	16.200	58.847
41276.750	49615.766	32.576	33.739	24.227
1.024				
8/16/2016 3:15:00 AM	450900.000	26.117	16.208	58.830
41305.637	49642.344	32.596	33.757	24.210

1.024				
8/16/2016 3:30:00 AM	451800.000	26.115	16.202	58.826
41224.211	49550.902	32.528	33.695	24.258
1.024				
8/16/2016 3:45:00 AM	452700.000	26.112	16.206	58.820
41259.309	49588.371	32.556	33.720	24.237
1.024				
8/16/2016 4:00:00 AM	453600.000	26.108	16.204	58.811
41241.461	49568.832	32.542	33.707	24.247
1.024				
8/16/2016 4:15:00 AM	454500.000	26.105	16.205	58.804
41202.684	49521.219	32.507	33.674	24.270
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8/16/2016 4:30:00 AM	455400.000	26.104	16.206	58.802
41216.961	49537.684	32.519	33.686	24.262
1.024				
8/16/2016 4:45:00 AM	456300.000	26.103	16.206	58.801
41170.145	49481.113	32.478	33.647	24.289
1.024				
8/16/2016 5:00:00 AM	457200.000	26.106	16.203	58.807
41181.063	49497.641	32.490	33.658	24.283
1.024				
8/16/2016 5:15:00 AM	458100.000	26.104	16.207	58.802
41187.145	49500.637	32.492	33.660	24.279
1.024				
8/16/2016 5:30:00 AM	459000.000	26.110	16.205	58.816
41202.230	49520.473	32.506	33.674	24.271
1.024				
8/16/2016 5:45:00 AM	459900.000	26.118	16.206	58.833
41190.105	49505.805	32.496	33.664	24.278
1.024				
8/16/2016 6:00:00 AM	460800.000	26.122	16.211	58.841
41184.117	49492.195	32.486	33.655	24.281
1.024				
8/16/2016 6:15:00 AM	461700.000	26.128	16.207	58.856
41178.625	49490.801	32.485	33.654	24.284
1.024				
8/16/2016 6:30:00 AM	462600.000	26.129	16.212	58.858
41168.953	49473.363	32.472	33.642	24.290
1.024				
8/16/2016 6:45:00 AM	463500.000	26.142	16.207	58.888
41163.637	49471.773	32.471	33.641	24.293
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8/16/2016 7:00:00 AM	464400.000	26.145	16.207	58.895
41196.754	49512.383	32.501	33.668	24.274
1.024				
8/16/2016 7:15:00 AM	465300.000	26.154	16.207	58.914
41181.070	49492.727	32.486	33.655	24.283
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8/16/2016 7:30:00 AM	466200.000	26.165	16.207	58.938
41196.172	49511.484	32.500	33.668	24.274
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8/16/2016 7:45:00 AM	467100.000	26.172	16.207	58.956
41241.629	49566.031	32.540	33.705	24.247
1.024				
8/16/2016 8:00:00 AM	468000.000	26.185	16.206	58.984

41206.309	49524.969	32.510	33.677	24.268
1.024				
8/16/2016 8:15:00 AM	468900.000	26.188	16.210	58.991
41210.227	49525.270	32.510	33.677	24.266
1.024				
8/16/2016 8:30:00 AM	469800.000	26.198	16.210	59.014
41189.008	49499.176	32.491	33.659	24.278
1.024				
8/16/2016 8:45:00 AM	470700.000	26.206	16.205	59.031
41208.816	49528.996	32.513	33.680	24.267
1.024				
8/16/2016 9:00:00 AM	471600.000	26.212	16.199	59.044
41219.480	49549.027	32.527	33.693	24.260
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8/16/2016 9:15:00 AM	472500.000	26.217	16.191	59.057
41217.188	49555.305	32.531	33.698	24.262
1.024				
8/16/2016 9:30:00 AM	473400.000	26.225	16.185	59.075
41246.141	49597.051	32.561	33.726	24.245
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8/16/2016 9:45:00 AM	474300.000	26.235	16.178	59.096
41211.859	49562.750	32.535	33.703	24.265
1.024				
8/16/2016 10:00:00 AM	475200.000	26.237	16.172	59.102
41224.875	49585.238	32.552	33.718	24.257
1.024				
8/16/2016 10:15:00 AM	476100.000	26.247	16.175	59.125
41239.305	49599.574	32.562	33.728	24.249
1.024				
8/16/2016 10:30:00 AM	477000.000	26.246	16.172	59.122
41270.332	49640.203	32.592	33.755	24.230
1.024				
8/16/2016 10:45:00 AM	477900.000	26.253	16.167	59.138
41265.594	49640.039	32.591	33.755	24.233
1.024				
8/16/2016 11:00:00 AM	478800.000	26.262	16.171	59.158
41297.066	49673.770	32.616	33.778	24.215
1.024				
8/16/2016 11:15:00 AM	479700.000	26.254	16.173	59.140
41268.156	49636.492	32.589	33.753	24.232
1.024				
8/16/2016 11:30:00 AM	480600.000	26.252	16.172	59.135
41290.957	49664.926	32.610	33.772	24.218
1.024				
8/16/2016 11:45:00 AM	481500.000	26.254	16.183	59.139
41350.781	49724.090	32.654	33.812	24.183
1.024				
8/16/2016 12:00:00 PM	482400.000	26.256	16.198	59.143
41328.277	49680.711	32.623	33.783	24.197
1.024				
8/16/2016 12:15:00 PM	483300.000	26.253	16.199	59.138
41368.820	49727.953	32.658	33.815	24.173
1.024				
8/16/2016 12:30:00 PM	484200.000	26.252	16.196	59.136
41366.730	49729.352	32.659	33.816	24.174
1.024				

8/16/2016 12:45:00 PM 41333.035 1.024	485100.000 49685.230	26.253 32.627	16.199 33.786	59.137 24.194
8/16/2016 1:00:00 PM 41385.551 1.024	486000.000 49748.762	26.254 32.673	16.198 33.829	59.139 24.163
8/16/2016 1:15:00 PM 41350.121 1.024	486900.000 49699.836	26.242 32.638	16.204 33.796	59.112 24.184
8/16/2016 1:30:00 PM 41356.008 1.024	487800.000 49705.297	26.247 32.642	16.205 33.800	59.123 24.180
8/16/2016 1:45:00 PM 41351.395 1.024	488700.000 49698.648	26.242 32.637	16.206 33.795	59.113 24.183
8/16/2016 2:00:00 PM 41351.672 1.024	489600.000 49696.477	26.237 32.636	16.209 33.794	59.102 24.183
8/16/2016 2:15:00 PM 41329.125 1.024	490500.000 49668.957	26.236 32.615	16.209 33.775	59.099 24.196
8/16/2016 2:30:00 PM 41327.938 1.024	491400.000 49660.602	26.233 32.610	16.215 33.769	59.092 24.197
8/16/2016 2:45:00 PM 41309.711 1.024	492300.000 49643.926	26.231 32.597	16.210 33.758	59.088 24.207
8/16/2016 3:00:00 PM 41350.324 1.024	493200.000 49691.320	26.230 32.632	16.212 33.790	59.085 24.184
8/16/2016 3:15:00 PM 41279.707 1.024	494100.000 49602.949	26.229 32.567	16.215 33.730	59.084 24.225
8/16/2016 3:30:00 PM 41276.668 1.024	495000.000 49601.402	26.227 32.566	16.213 33.729	59.079 24.227
8/16/2016 3:45:00 PM 41277.652 1.024	495900.000 49604.098	26.230 32.568	16.212 33.731	59.085 24.226
8/16/2016 4:00:00 PM 41283.789 1.024	496800.000 49610.469	26.230 32.573	16.213 33.735	59.085 24.223
8/16/2016 4:15:00 PM 41306.660 1.024	497700.000 49643.273	26.233 32.597	16.208 33.757	59.093 24.209
8/16/2016 4:30:00 PM 41254.398 1.024	498600.000 49576.766	26.235 32.548	16.211 33.712	59.096 24.240
8/16/2016 4:45:00 PM 41271.367 1.024	499500.000 49600.766	26.240 32.565	16.208 33.729	59.109 24.230
8/16/2016 5:00:00 PM 41266.250 1.024	500400.000 49593.000	26.237 32.560	16.209 33.723	59.102 24.233
8/16/2016 5:15:00 PM 41278.980	501300.000 49614.328	26.247 32.575	16.204 33.738	59.125 24.225

1.024				
8/16/2016 5:30:00 PM	502200.000	26.250	16.207	59.132
41261.938	49590.336	32.558	33.721	24.235
1.024				
8/16/2016 5:45:00 PM	503100.000	26.260	16.205	59.153
41253.137	49581.656	32.551	33.716	24.241
1.024				
8/16/2016 6:00:00 PM	504000.000	26.267	16.195	59.169
41266.980	49609.738	32.571	33.735	24.232
1.024				
8/16/2016 6:15:00 PM	504900.000	26.272	16.188	59.181
41228.645	49572.098	32.543	33.709	24.255
1.024				
8/16/2016 6:30:00 PM	505800.000	26.288	16.168	59.217
41261.145	49634.488	32.587	33.751	24.236
1.024				
8/16/2016 6:45:00 PM	506700.000	26.295	16.158	59.231
41230.203	49607.633	32.567	33.733	24.254
1.024				
8/16/2016 7:00:00 PM	507600.000	26.304	16.139	59.251
41227.398	49626.594	32.579	33.746	24.256
1.024				
8/16/2016 7:15:00 PM	508500.000	26.310	16.138	59.267
41261.008	49668.242	32.610	33.774	24.236
1.024				
8/16/2016 7:30:00 PM	509400.000	20.181	16.037	45.460
40194.535	48497.426	31.747	32.978	24.879
1.023				
8/16/2016 7:45:00 PM	510300.000	14.961	16.106	33.700
40781.230	49126.293	32.211	33.406	24.521
1.024				
8/16/2016 8:00:00 PM	511200.000	14.574	16.115	32.830
40521.305	48803.762	31.976	33.187	24.678
1.023				
8/16/2016 8:15:00 PM	512100.000	14.300	16.114	32.213
40405.348	48665.391	31.875	33.092	24.749
1.023				
8/16/2016 8:30:00 PM	513000.000	14.027	16.094	31.597
40288.770	48547.051	31.787	33.012	24.821
1.023				
8/16/2016 8:45:00 PM	513900.000	13.702	16.082	30.865
40229.844	48488.652	31.744	32.972	24.857
1.023				
8/16/2016 9:00:00 PM	514800.000	13.579	16.079	30.589
40090.098	48324.336	31.623	32.861	24.944
1.023				
8/16/2016 9:15:00 PM	515700.000	14.056	16.084	31.663
39847.633	48026.125	31.406	32.658	25.096
1.023				
8/16/2016 9:30:00 PM	516600.000	14.179	16.091	31.939
39771.066	47926.539	31.334	32.590	25.144
1.023				
8/16/2016 9:45:00 PM	517500.000	14.284	16.107	32.175
39535.492	47624.961	31.116	32.385	25.294
1.023				
8/16/2016 10:00:00 PM	518400.000	14.188	16.110	31.960

39445.297	47513.422	31.035	32.309	25.352
1.023				
8/16/2016 10:15:00 PM	519300.000	14.035	16.090	31.614
39558.539	47670.906	31.148	32.416	25.279
1.023				
8/16/2016 10:30:00 PM	520200.000	13.818	16.086	31.127
39531.633	47642.840	31.127	32.397	25.296
1.023				
8/16/2016 10:45:00 PM	521100.000	13.351	16.077	30.073
39494.156	47608.117	31.101	32.374	25.320
1.023				
8/16/2016 11:00:00 PM	522000.000	13.262	16.076	29.874
39423.859	47524.145	31.040	32.316	25.365
1.023				
8/16/2016 11:15:00 PM	522900.000	13.004	16.076	29.293
39312.734	47390.672	30.943	32.226	25.437
1.023				
8/16/2016 11:30:00 PM	523800.000	12.693	16.076	28.591
39275.590	47345.227	30.910	32.195	25.461
1.023				
8/16/2016 11:45:00 PM	524700.000	12.540	16.076	28.247
39231.262	47292.082	30.872	32.159	25.490
1.023				
8/17/2016 12:00:00 AM	525600.000	12.269	16.072	27.637
39236.926	47303.426	30.880	32.166	25.486
1.023				
8/17/2016 12:15:00 AM	526500.000	12.268	16.070	27.634
39222.941	47288.582	30.869	32.156	25.495
1.023				
8/17/2016 12:30:00 AM	527400.000	12.475	16.066	28.101
39166.438	47224.684	30.822	32.113	25.532
1.023				
8/17/2016 12:45:00 AM	528300.000	12.505	16.070	28.168
39140.395	47188.863	30.796	32.088	25.549
1.023				
8/17/2016 1:00:00 AM	529200.000	12.497	16.071	28.150
39054.215	47083.820	30.720	32.017	25.605
1.022				
8/17/2016 1:15:00 AM	530100.000	12.372	16.069	27.870
39092.531	47132.984	30.755	32.050	25.580
1.022				
8/17/2016 1:30:00 AM	531000.000	12.353	16.069	27.827
39040.793	47069.844	30.710	32.007	25.614
1.022				
8/17/2016 1:45:00 AM	531900.000	12.301	16.068	27.709
39006.527	47029.973	30.681	31.980	25.637
1.022				
8/17/2016 2:00:00 AM	532800.000	12.219	16.069	27.525
38990.660	47010.164	30.666	31.967	25.647
1.022				
8/17/2016 2:15:00 AM	533700.000	12.132	16.065	27.328
39021.328	47050.859	30.696	31.995	25.627
1.022				
8/17/2016 2:30:00 AM	534600.000	12.052	16.061	27.148
39012.723	47044.410	30.691	31.990	25.633
1.022				

8/17/2016 2:45:00 AM 39029.102 1.022	535500.000 47068.168	11.996 30.708	16.058 32.006	27.023 25.622
8/17/2016 3:00:00 AM 39081.316 1.022	536400.000 47133.164	11.926 30.755	16.056 32.051	26.864 25.588
8/17/2016 3:15:00 AM 39049.273 1.022	537300.000 47098.633	11.811 30.729	16.052 32.027	26.604 25.609
8/17/2016 3:30:00 AM 38940.984 1.022	538200.000 46969.730	11.862 30.636	16.051 31.939	26.721 25.680
8/17/2016 3:45:00 AM 38975.020 1.022	539100.000 47009.734	11.788 30.665	16.052 31.967	26.554 25.657
8/17/2016 4:00:00 AM 38968.355 1.022	540000.000 47004.289	11.754 30.661	16.049 31.963	26.478 25.662
8/17/2016 4:15:00 AM 38935.879 1.022	540900.000 46965.781	11.751 30.633	16.049 31.937	26.469 25.683
8/17/2016 4:30:00 AM 38960.621 1.022	541800.000 46993.992	11.708 30.653	16.050 31.956	26.372 25.667
8/17/2016 4:45:00 AM 38865.145 1.022	542700.000 46879.883	11.641 30.570	16.049 31.878	26.224 25.730
8/17/2016 5:00:00 AM 38717.590 1.022	543600.000 46701.707	11.604 30.441	16.049 31.757	26.139 25.828
8/17/2016 5:15:00 AM 38825.586 1.022	544500.000 46832.258	11.645 30.536	16.049 31.846	26.230 25.756
8/17/2016 5:30:00 AM 38338.480 1.022	545400.000 46246.020	11.644 30.111	16.048 31.447	26.229 26.083
8/17/2016 5:45:00 AM 38241.453 1.022	546300.000 46127.383	11.615 30.025	16.049 31.367	26.164 26.150
8/17/2016 6:00:00 AM 37836.395 1.022	547200.000 45638.797	11.610 29.672	16.049 31.034	26.153 26.430
8/17/2016 6:15:00 AM 37818.258 1.022	548100.000 45613.395	11.589 29.653	16.053 31.017	26.106 26.442
8/17/2016 6:30:00 AM 37729.352 1.022	549000.000 45504.969	11.567 29.575	16.054 30.943	26.057 26.505
8/17/2016 6:45:00 AM 37790.105 1.022	549900.000 45579.152	11.590 29.629	16.053 30.994	26.107 26.462
8/17/2016 7:00:00 AM 37335.207 1.021	550800.000 45030.234	11.647 29.232	16.053 30.621	26.235 26.784
8/17/2016 7:15:00 AM 36985.898	551700.000 44608.379	11.590 28.928	16.054 30.334	26.107 27.037

1.021				
8/17/2016 7:30:00 AM	552600.000	11.630	16.053	26.198
37650.945	45410.773	29.507	30.879	26.560
1.022				
8/17/2016 7:45:00 AM	553500.000	11.569	16.056	26.059
37412.957	45120.980	29.298	30.682	26.729
1.021				
8/17/2016 8:00:00 AM	554400.000	11.537	16.057	25.988
37160.359	44815.426	29.078	30.474	26.910
1.021				
8/17/2016 8:15:00 AM	555300.000	11.596	16.056	26.121
37031.332	44660.453	28.966	30.369	27.004
1.021				
8/17/2016 8:30:00 AM	556200.000	11.615	16.056	26.164
37154.727	44809.547	29.073	30.470	26.914
1.021				
8/17/2016 8:45:00 AM	557100.000	11.637	16.058	26.214
36897.906	44497.555	28.849	30.258	27.102
1.021				
8/17/2016 9:00:00 AM	558000.000	11.561	16.058	26.042
36901.230	44501.836	28.852	30.261	27.099
1.021				
8/17/2016 9:15:00 AM	558900.000	11.621	16.058	26.178
36965.027	44578.227	28.907	30.313	27.053
1.021				
8/17/2016 9:30:00 AM	559800.000	11.631	16.059	26.199
36630.484	44174.414	28.616	30.039	27.300
1.021				
8/17/2016 9:45:00 AM	560700.000	11.587	16.060	26.100
36276.598	43746.320	28.309	29.747	27.566
1.021				
8/17/2016 10:00:00 AM	561600.000	11.607	16.060	26.147
36349.816	43835.238	28.373	29.808	27.510
1.021				
8/17/2016 10:15:00 AM	562500.000	11.604	16.061	26.138
36776.078	44348.016	28.741	30.157	27.192
1.021				
8/17/2016 10:30:00 AM	563400.000	11.589	16.061	26.105
36915.988	44517.004	28.863	30.272	27.089
1.021				
8/17/2016 10:45:00 AM	564300.000	11.691	16.062	26.334
36766.164	44334.531	28.732	30.147	27.199
1.021				
8/17/2016 11:00:00 AM	565200.000	11.576	16.061	26.076
36518.359	44037.234	28.518	29.945	27.383
1.021				
8/17/2016 11:15:00 AM	566100.000	11.533	16.059	25.980
36369.289	43858.988	28.390	29.824	27.496
1.021				
8/17/2016 11:30:00 AM	567000.000	11.610	16.059	26.153
36004.582	43419.793	28.074	29.525	27.774
1.020				
8/17/2016 11:45:00 AM	567900.000	11.495	16.060	25.894
36830.758	44415.133	28.790	30.202	27.151
1.021				
8/17/2016 12:00:00 PM	568800.000	11.491	16.061	25.885

36710.504	44268.770	28.684	30.103	27.240
1.021				
8/17/2016 12:15:00 PM	569700.000	11.495	16.060	25.894
36471.824	43981.566	28.478	29.907	27.418
1.021				
8/17/2016 12:30:00 PM	570600.000	11.493	16.059	25.889
36321.340	43801.164	28.348	29.785	27.532
1.021				
8/17/2016 12:45:00 PM	571500.000	11.466	16.061	25.827
35842.121	43222.027	27.933	29.391	27.900
1.020				
8/17/2016 1:00:00 PM	572400.000	11.439	16.061	25.767
35804.102	43175.918	27.900	29.360	27.930
1.020				
8/17/2016 1:15:00 PM	573300.000	11.421	16.060	25.727
35705.531	43057.664	27.815	29.279	28.007
1.020				
8/17/2016 1:30:00 PM	574200.000	11.417	16.061	25.718
36180.727	43629.824	28.225	29.668	27.639
1.021				
8/17/2016 1:45:00 PM	575100.000	11.412	16.060	25.706
35918.836	43315.238	27.999	29.454	27.841
1.020				
8/17/2016 2:00:00 PM	576000.000	11.355	16.061	25.577
35602.363	42932.820	27.725	29.194	28.088
1.020				
8/17/2016 2:15:00 PM	576900.000	11.403	16.058	25.685
38739.016	46718.441	30.454	31.769	25.814
1.022				
8/17/2016 2:30:00 PM	577800.000	11.371	16.056	25.613
38726.984	46705.441	30.444	31.760	25.822
1.022				
8/17/2016 2:45:00 PM	578700.000	11.246	16.058	25.333
38710.848	46683.707	30.429	31.745	25.833
1.022				
8/17/2016 3:00:00 PM	579600.000	11.289	16.058	25.430
38716.383	46691.328	30.434	31.750	25.829
1.022				
8/17/2016 3:15:00 PM	580500.000	-0.016	16.043	-0.036
771.863	931.167	0.462	0.633	1295.566
0.999				
8/17/2016 3:30:00 PM	581400.000	-0.004	17.982	-0.010
840.550	970.653	0.483	0.660	1189.698
0.999				
8/17/2016 3:45:00 PM	582300.000	-0.444	18.767	-1.001
11659.693	13235.338	7.701	9.000	85.766
1.004				
8/17/2016 4:00:00 PM	583200.000	-0.004	17.886	-0.008
23.120	26.756	0.011	0.018	43252.250
0.999				
8/17/2016 4:15:00 PM	584100.000	0.303	18.738	0.682
11707.332	13297.905	7.740	9.043	85.417
1.004				
8/17/2016 4:30:00 PM	585000.000	0.299	18.966	0.674
45677.086	51627.488	34.234	35.107	21.893
1.024				

8/17/2016 4:45:00 PM 3.732 0.999	585900.001 4.511	0.001	-0.003	0.003	15.961	267964.125	-0.007
8/17/2016 5:00:00 PM 38960.387 1.022	586800.000 47058.961		11.220 30.697		15.990 32.000		25.273 25.667
8/17/2016 5:15:00 PM 39007.496 1.022	587700.000 47021.762		11.208 30.675		16.077 31.975		25.246 25.636
8/17/2016 5:30:00 PM 38962.691 1.022	588600.000 46966.992		11.173 30.635		16.077 31.938		25.168 25.666
8/17/2016 5:45:00 PM 39007.809 1.022	589500.000 47024.148		11.139 30.677		16.075 31.976		25.091 25.636
8/17/2016 6:00:00 PM 39015.934 1.022	590400.000 47030.125		11.207 30.681		16.078 31.980		25.246 25.631
8/17/2016 6:15:00 PM 38985.492 1.022	591300.000 46995.996		11.211 30.656		16.076 31.957		25.253 25.651
8/17/2016 6:30:00 PM 39009.039 1.022	592200.000 47022.188		11.201 30.676		16.078 31.975		25.232 25.635
8/17/2016 6:45:00 PM 39035.883 1.022	593100.000 47051.578		11.151 30.697		16.081 31.995		25.118 25.617
8/17/2016 7:00:00 PM 38964.938 1.022	594000.000 46966.258		11.251 30.635		16.080 31.937		25.344 25.664
8/17/2016 7:15:00 PM 38933.957 1.022	594900.000 46934.738		11.141 30.612		16.075 31.916		25.097 25.685
8/17/2016 7:30:00 PM 38960.668 1.022	595800.000 46966.746		11.100 30.635		16.075 31.937		25.004 25.667
8/17/2016 7:45:00 PM 38975.559 1.022	596700.000 46982.125		11.115 30.647		16.078 31.948		25.037 25.657
8/17/2016 8:00:00 PM 38949.984 1.022	597600.000 46949.867		11.147 30.623		16.079 31.926		25.111 25.674
8/17/2016 8:15:00 PM 38992.746 1.022	598500.000 47001.211		11.194 30.660		16.079 31.961		25.216 25.646
8/17/2016 8:30:00 PM 38973.977 1.022	599400.000 46979.160		11.208 30.644		16.079 31.946		25.246 25.658
8/17/2016 8:45:00 PM 38955.578 1.022	600300.000 46949.445		11.203 30.623		16.086 31.926		25.235 25.670
8/17/2016 9:00:00 PM 38948.211 1.022	601200.000 46933.430		11.311 30.612		16.092 31.915		25.478 25.675
8/17/2016 9:15:00 PM 38989.949	602100.000 46976.766		11.270 30.644		16.099 31.944		25.387 25.648

1.022				
8/17/2016 9:30:00 PM	603000.000	11.282	16.100	25.413
38914.570	46884.320	30.577	31.881	25.697
1.022				
8/17/2016 9:45:00 PM	603900.000	11.250	16.103	25.341
38958.043	46933.746	30.613	31.915	25.669
1.022				
8/17/2016 10:00:00 PM	604800.000	11.271	16.105	25.388
38936.281	46905.414	30.593	31.896	25.683
1.022				
8/17/2016 10:15:00 PM	605700.000	11.249	16.107	25.340
38904.078	46863.773	30.563	31.867	25.704
1.022				
8/17/2016 10:30:00 PM	606600.000	11.343	16.110	25.552
38916.004	46875.391	30.571	31.875	25.696
1.022				
8/17/2016 10:45:00 PM	607500.000	11.314	16.109	25.487
38945.027	46911.766	30.597	31.900	25.677
1.022				
8/17/2016 11:00:00 PM	608400.000	11.578	16.110	26.081
38855.855	46803.418	30.519	31.826	25.736
1.022				
8/17/2016 11:15:00 PM	609300.000	11.717	16.120	26.395
38879.914	46821.359	30.533	31.839	25.720
1.022				
8/17/2016 11:30:00 PM	610200.000	11.751	16.123	26.469
38889.637	46829.469	30.539	31.844	25.714
1.022				
8/17/2016 11:45:00 PM	611100.000	11.554	16.121	26.027
38839.652	46771.652	30.497	31.805	25.747
1.022				

Report Date: 8/19/2016 12:31:35 AM
Report User Name: SKuiper
Report Computer Name: PROBOOK8
Application: WinSitu.exe
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP Barotroll_Append_2016-08-18_18-17-40-005.wsl
Create Date: 8/18/2016 6:17:40 PM

Device Properties:

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

Log Configuration

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

Other Log Settings

Log Notes:

Date and Time

Note

4/28/2016 3:41:19 PM	Sensor SN: 399604 Factory calibration has expired.: 1/21/2016 11:40:19 AM
4/28/2016 3:41:20 PM	Used Battery: 7% Used Memory: 12% User Name: KMakar

5/5/2016 1:40:50 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval -
 Start Time: 3/31/2016 12:00:00 PM Stop Time: 5/5/2016 2:30:00 PM
 5/12/2016 4:51:07 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval -
 Start Time: 5/3/2016 12:00:00 PM Stop Time: 5/12/2016 5:45:00 PM
 5/19/2016 5:53:53 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: ELinden Interval -
 Start Time: 5/10/2016 12:00:00 PM Stop Time: 5/19/2016 6:45:00 PM
 5/26/2016 3:21:35 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval -
 Start Time: 5/17/2016 6:00:00 PM Stop Time: 5/26/2016 4:15:00 PM
 6/2/2016 5:25:19 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: SKuiper Interval -
 Start Time: 4/30/2016 1:15:00 AM Stop Time: 6/2/2016 6:15:00 PM
 6/9/2016 2:11:26 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval -
 Start Time: 5/31/2016 5:00:00 AM Stop Time: 6/9/2016 3:00:00 PM
 6/16/2016 6:18:58 PM Log Download - Used Battery: 7% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 6/7/2016 10:30:00 PM Stop Time: 6/16/2016 7:15:00 PM
 6/23/2016 6:28:59 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 6/15/2016 10:00:00 PM Stop Time: 6/23/2016 7:15:00 PM
 7/1/2016 3:22:49 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 5/31/2016 1:00:00 AM Stop Time: 7/1/2016 4:15:00 PM
 7/8/2016 1:27:28 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 6/29/2016 10:00:00 PM Stop Time: 7/8/2016 1:05:00 PM
 7/14/2016 9:10:31 PM Log Download - Used Battery: 8% Used Memory: 18% User Name: ELinden Interval -
 Start Time: 7/5/2016 12:00:00 PM Stop Time: 7/14/2016 10:00:00 PM
 7/22/2016 10:07:59 AM Log Download - Used Battery: 8% Used Memory: 18% User Name: SKuiper Interval -
 Start Time: 7/13/2016 10:00:00 PM Stop Time: 7/22/2016 10:00:00 AM
 7/28/2016 9:08:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval -
 Start Time: 7/20/2016 10:00:00 PM Stop Time: 7/28/2016 9:00:00 PM
 8/4/2016 7:48:19 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval -
 Start Time: 6/29/2016 10:00:00 PM Stop Time: 8/4/2016 8:35:00 PM
 8/11/2016 6:17:29 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: ELinden Interval -
 Start Time: 8/2/2016 12:00:00 PM Stop Time: 8/11/2016 8:15:00 PM
 8/18/2016 6:17:33 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval -
 Start Time: 8/10/2016 10:00:00 PM Stop Time: 8/18/2016 7:00:00 PM
 8/18/2016 6:18:37 PM Log Download - Used Battery: 8% Used Memory: 25% User Name: SKuiper Interval -
 Start Time: 8/10/2016 10:00:00 AM Stop Time: 8/18/2016 6:15:00 PM

Log Data:

Record Count: 802

Sensors: 1

1 - 399604: Baro-Pressure/Temp

Time Zone: Pacific Daylight Time

Date and Time	Sensor: Baro Pres		Sensor: Baro Pres	
	Elapsed Time	SN#: 399604	SN#: 399604	
	Seconds	Pressure (mmHg)		Temperature (C)
8/11/2016 12:00:00 AM	50400.000		760.598	20.463
8/11/2016 12:15:00 AM	51300.000		761.044	20.384
8/11/2016 12:30:00 AM	52200.000		760.866	20.371
8/11/2016 12:45:00 AM	53100.000		760.959	20.312
8/11/2016 1:00:00 AM	54000.000		761.161	20.262
8/11/2016 1:15:00 AM	54900.000		760.770	20.205

8/11/2016 1:30:00 AM	55800.000	760.975	20.158
8/11/2016 1:45:00 AM	56700.000	760.885	20.135
8/11/2016 2:00:00 AM	57600.000	760.995	20.103
8/11/2016 2:15:00 AM	58500.000	760.917	20.059
8/11/2016 2:30:00 AM	59400.000	761.087	20.019
8/11/2016 2:45:00 AM	60300.000	761.036	19.966
8/11/2016 3:00:00 AM	61200.000	761.151	19.915
8/11/2016 3:15:00 AM	62100.000	760.978	19.879
8/11/2016 3:30:00 AM	63000.000	760.914	19.880
8/11/2016 3:45:00 AM	63900.000	760.912	19.777
8/11/2016 4:00:00 AM	64800.000	760.892	19.717
8/11/2016 4:15:00 AM	65700.000	760.961	19.673
8/11/2016 4:30:00 AM	66600.000	760.751	19.618
8/11/2016 4:45:00 AM	67500.000	760.662	19.598
8/11/2016 5:00:00 AM	68400.000	760.873	19.537
8/11/2016 5:15:00 AM	69300.000	761.304	19.480
8/11/2016 5:30:00 AM	70200.000	760.878	19.444
8/11/2016 5:45:00 AM	71100.000	760.901	19.376
8/11/2016 6:00:00 AM	72000.000	761.123	19.344
8/11/2016 6:15:00 AM	72900.000	761.380	19.333
8/11/2016 6:30:00 AM	73800.000	761.145	19.311
8/11/2016 6:45:00 AM	74700.000	761.658	19.267
8/11/2016 7:00:00 AM	75600.000	761.855	19.306
8/11/2016 7:15:00 AM	76500.000	761.936	19.259
8/11/2016 7:30:00 AM	77400.000	761.969	19.284
8/11/2016 7:45:00 AM	78300.000	762.258	19.274
8/11/2016 8:00:00 AM	79200.000	762.522	19.295
8/11/2016 8:15:00 AM	80100.000	762.474	19.295
8/11/2016 8:30:00 AM	81000.000	762.677	19.313
8/11/2016 8:45:00 AM	81900.000	762.611	19.293
8/11/2016 9:00:00 AM	82800.000	762.710	19.341
8/11/2016 9:15:00 AM	83700.000	762.777	19.355
8/11/2016 9:30:00 AM	84600.000	762.932	19.342
8/11/2016 9:45:00 AM	85500.000	762.987	19.403
8/11/2016 10:00:00 AM	86400.000	763.222	19.479
8/11/2016 10:15:00 AM	87300.000	763.091	19.511
8/11/2016 10:30:00 AM	88200.000	763.238	19.574
8/11/2016 10:45:00 AM	89100.000	763.302	19.628
8/11/2016 11:00:00 AM	90000.000	763.392	19.717
8/11/2016 11:15:00 AM	90900.000	763.087	19.839
8/11/2016 11:30:00 AM	91800.000	763.092	19.964
8/11/2016 11:45:00 AM	92700.000	763.417	20.096
8/11/2016 12:00:00 PM	93600.000	763.329	20.230
8/11/2016 12:15:00 PM	94500.000	763.333	20.360
8/11/2016 12:30:00 PM	95400.000	763.138	20.484
8/11/2016 12:45:00 PM	96300.000	763.251	20.592
8/11/2016 1:00:00 PM	97200.000	763.223	20.719
8/11/2016 1:15:00 PM	98100.000	762.773	20.862
8/11/2016 1:30:00 PM	99000.000	763.254	20.974
8/11/2016 1:45:00 PM	99900.000	762.905	21.116
8/11/2016 2:00:00 PM	100800.000	763.302	21.254
8/11/2016 2:15:00 PM	101700.000	763.197	21.450
8/11/2016 2:30:00 PM	102600.000	763.073	21.605
8/11/2016 2:45:00 PM	103500.000	763.511	21.812

8/11/2016 3:00:00 PM	104400.000	763.074	21.967
8/11/2016 3:15:00 PM	105300.000	762.956	22.153
8/11/2016 3:30:00 PM	106200.000	763.005	22.288
8/11/2016 3:45:00 PM	107100.000	762.853	22.441
8/11/2016 4:00:00 PM	108000.000	762.659	22.583
8/11/2016 4:15:00 PM	108900.000	763.016	22.663
8/11/2016 4:30:00 PM	109800.000	762.596	22.774
8/11/2016 4:45:00 PM	110700.000	762.651	22.864
8/11/2016 5:00:00 PM	111600.000	762.621	22.950
8/11/2016 5:15:00 PM	112500.000	762.332	22.979
8/11/2016 5:30:00 PM	113400.000	762.567	23.065
8/11/2016 5:45:00 PM	114300.000	762.366	23.121
8/11/2016 6:00:00 PM	115200.000	762.335	23.162
8/11/2016 6:15:00 PM	116100.000	762.477	23.185
8/11/2016 6:30:00 PM	117000.000	762.349	23.166
8/11/2016 6:45:00 PM	117900.000	762.033	23.141
8/11/2016 7:00:00 PM	118800.000	762.210	23.081
8/11/2016 7:15:00 PM	119700.000	762.238	22.986
8/11/2016 7:30:00 PM	120600.000	762.345	22.885
8/11/2016 7:45:00 PM	121500.000	762.183	22.725
8/11/2016 8:00:00 PM	122400.000	762.216	22.611
8/11/2016 8:15:00 PM	123300.000	762.586	22.395
8/11/2016 8:30:00 PM	124200.000	762.504	22.252
8/11/2016 8:45:00 PM	125100.000	762.211	22.084
8/11/2016 9:00:00 PM	126000.000	762.247	21.932
8/11/2016 9:15:00 PM	126900.000	762.439	21.823
8/11/2016 9:30:00 PM	127800.000	762.751	21.675
8/11/2016 9:45:00 PM	128700.000	762.667	21.608
8/11/2016 10:00:00 PM	129600.000	762.620	21.523
8/11/2016 10:15:00 PM	130500.000	762.680	21.421
8/11/2016 10:30:00 PM	131400.000	762.517	21.366
8/11/2016 10:45:00 PM	132300.000	762.698	21.302
8/11/2016 11:00:00 PM	133200.000	762.412	21.222
8/11/2016 11:15:00 PM	134100.000	762.661	21.151
8/11/2016 11:30:00 PM	135000.000	762.672	21.081
8/11/2016 11:45:00 PM	135900.000	762.650	20.979
8/12/2016 12:00:00 AM	136800.000	762.667	20.936
8/12/2016 12:15:00 AM	137700.000	762.682	20.854
8/12/2016 12:30:00 AM	138600.000	762.768	20.777
8/12/2016 12:45:00 AM	139500.000	762.813	20.732
8/12/2016 1:00:00 AM	140400.000	762.599	20.668
8/12/2016 1:15:00 AM	141300.000	762.504	20.586
8/12/2016 1:30:00 AM	142200.000	762.579	20.545
8/12/2016 1:45:00 AM	143100.000	762.754	20.503
8/12/2016 2:00:00 AM	144000.000	762.426	20.453
8/12/2016 2:15:00 AM	144900.000	762.489	20.389
8/12/2016 2:30:00 AM	145800.000	762.570	20.326
8/12/2016 2:45:00 AM	146700.000	762.406	20.251
8/12/2016 3:00:00 AM	147600.000	762.069	20.193
8/12/2016 3:15:00 AM	148500.000	762.093	20.140
8/12/2016 3:30:00 AM	149400.000	762.491	20.040
8/12/2016 3:45:00 AM	150300.000	762.222	20.029
8/12/2016 4:00:00 AM	151200.000	762.411	19.964
8/12/2016 4:15:00 AM	152100.000	762.066	19.901

8/12/2016 4:30:00 AM	153000.000	762.371	19.865
8/12/2016 4:45:00 AM	153900.000	762.110	19.806
8/12/2016 5:00:00 AM	154800.000	762.381	19.779
8/12/2016 5:15:00 AM	155700.000	762.477	19.665
8/12/2016 5:30:00 AM	156600.000	762.585	19.637
8/12/2016 5:45:00 AM	157500.000	762.668	19.611
8/12/2016 6:00:00 AM	158400.000	762.825	19.574
8/12/2016 6:15:00 AM	159300.000	762.549	19.530
8/12/2016 6:30:00 AM	160200.000	762.783	19.486
8/12/2016 6:45:00 AM	161100.000	762.843	19.442
8/12/2016 7:00:00 AM	162000.000	763.029	19.392
8/12/2016 7:15:00 AM	162900.000	763.226	19.379
8/12/2016 7:30:00 AM	163800.000	763.338	19.379
8/12/2016 7:45:00 AM	164700.000	763.547	19.330
8/12/2016 8:00:00 AM	165600.000	763.234	19.306
8/12/2016 8:15:00 AM	166500.000	763.740	19.329
8/12/2016 8:30:00 AM	167400.000	763.490	19.306
8/12/2016 8:45:00 AM	168300.000	763.249	19.322
8/12/2016 9:00:00 AM	169200.000	763.378	19.316
8/12/2016 9:15:00 AM	170100.000	763.535	19.340
8/12/2016 9:30:00 AM	171000.000	763.573	19.350
8/12/2016 9:45:00 AM	171900.000	763.525	19.402
8/12/2016 10:00:00 AM	172800.000	763.737	19.439
8/12/2016 10:15:00 AM	173700.000	763.643	19.488
8/12/2016 10:30:00 AM	174600.000	763.257	19.583
8/12/2016 10:45:00 AM	175500.000	763.608	19.613
8/12/2016 11:00:00 AM	176400.000	763.841	19.725
8/12/2016 11:15:00 AM	177300.000	763.699	19.809
8/12/2016 11:30:00 AM	178200.000	763.533	19.896
8/12/2016 11:45:00 AM	179100.000	763.468	20.002
8/12/2016 12:00:00 PM	180000.000	763.708	20.140
8/12/2016 12:15:00 PM	180900.000	763.686	20.271
8/12/2016 12:30:00 PM	181800.000	763.757	20.402
8/12/2016 12:45:00 PM	182700.000	763.659	20.565
8/12/2016 1:00:00 PM	183600.000	763.505	20.713
8/12/2016 1:15:00 PM	184500.000	763.186	20.830
8/12/2016 1:30:00 PM	185400.000	763.289	20.953
8/12/2016 1:45:00 PM	186300.000	763.291	21.088
8/12/2016 2:00:00 PM	187200.000	763.471	21.205
8/12/2016 2:15:00 PM	188100.000	763.300	21.360
8/12/2016 2:30:00 PM	189000.000	763.352	21.502
8/12/2016 2:45:00 PM	189900.000	763.249	21.641
8/12/2016 3:00:00 PM	190800.000	763.279	21.765
8/12/2016 3:15:00 PM	191700.000	763.169	21.935
8/12/2016 3:30:00 PM	192600.000	763.190	22.037
8/12/2016 3:45:00 PM	193500.000	762.944	22.131
8/12/2016 4:00:00 PM	194400.000	763.363	22.264
8/12/2016 4:15:00 PM	195300.000	762.964	22.324
8/12/2016 4:30:00 PM	196200.000	762.949	22.400
8/12/2016 4:45:00 PM	197100.000	762.834	22.492
8/12/2016 5:00:00 PM	198000.000	762.755	22.532
8/12/2016 5:15:00 PM	198900.000	762.523	22.609
8/12/2016 5:30:00 PM	199800.000	762.613	22.671
8/12/2016 5:45:00 PM	200700.000	762.004	22.726

8/12/2016 6:00:00 PM	201600.000	762.102	22.777
8/12/2016 6:15:00 PM	202500.000	761.907	22.767
8/12/2016 6:30:00 PM	203400.000	762.013	22.759
8/12/2016 6:45:00 PM	204300.000	761.873	22.663
8/12/2016 7:00:00 PM	205200.000	761.756	22.621
8/12/2016 7:15:00 PM	206100.000	761.846	22.486
8/12/2016 7:30:00 PM	207000.000	761.875	22.320
8/12/2016 7:45:00 PM	207900.000	761.469	22.162
8/12/2016 8:00:00 PM	208800.000	761.670	21.985
8/12/2016 8:15:00 PM	209700.000	761.955	21.834
8/12/2016 8:30:00 PM	210600.000	761.943	21.662
8/12/2016 8:45:00 PM	211500.000	761.995	21.531
8/12/2016 9:00:00 PM	212400.000	761.955	21.451
8/12/2016 9:15:00 PM	213300.000	762.047	21.318
8/12/2016 9:30:00 PM	214200.000	762.341	21.197
8/12/2016 9:45:00 PM	215100.000	762.206	21.099
8/12/2016 10:00:00 PM	216000.000	762.137	21.017
8/12/2016 10:15:00 PM	216900.000	762.466	20.921
8/12/2016 10:30:00 PM	217800.000	762.593	20.877
8/12/2016 10:45:00 PM	218700.000	762.109	20.784
8/12/2016 11:00:00 PM	219600.000	762.248	20.734
8/12/2016 11:15:00 PM	220500.000	762.227	20.656
8/12/2016 11:30:00 PM	221400.000	762.162	20.601
8/12/2016 11:45:00 PM	222300.000	761.921	20.541
8/13/2016 12:00:00 AM	223200.000	761.839	20.459
8/13/2016 12:15:00 AM	224100.000	762.017	20.406
8/13/2016 12:30:00 AM	225000.000	761.871	20.328
8/13/2016 12:45:00 AM	225900.000	761.834	20.308
8/13/2016 1:00:00 AM	226800.000	761.665	20.257
8/13/2016 1:15:00 AM	227700.000	761.837	20.185
8/13/2016 1:30:00 AM	228600.000	762.115	20.139
8/13/2016 1:45:00 AM	229500.000	761.681	20.073
8/13/2016 2:00:00 AM	230400.000	761.572	20.060
8/13/2016 2:15:00 AM	231300.000	761.703	19.999
8/13/2016 2:30:00 AM	232200.000	761.511	19.920
8/13/2016 2:45:00 AM	233100.000	761.201	19.882
8/13/2016 3:00:00 AM	234000.000	761.401	19.791
8/13/2016 3:15:00 AM	234900.000	761.392	19.755
8/13/2016 3:30:00 AM	235800.000	761.365	19.667
8/13/2016 3:45:00 AM	236700.000	761.407	19.608
8/13/2016 4:00:00 AM	237600.000	761.138	19.580
8/13/2016 4:15:00 AM	238500.000	761.132	19.516
8/13/2016 4:30:00 AM	239400.000	760.819	19.473
8/13/2016 4:45:00 AM	240300.000	761.011	19.354
8/13/2016 5:00:00 AM	241200.000	760.873	19.291
8/13/2016 5:15:00 AM	242100.000	761.048	19.213
8/13/2016 5:30:00 AM	243000.000	761.112	19.168
8/13/2016 5:45:00 AM	243900.000	761.048	19.113
8/13/2016 6:00:00 AM	244800.000	761.260	19.039
8/13/2016 6:15:00 AM	245700.000	761.031	18.938
8/13/2016 6:30:00 AM	246600.000	760.977	18.877
8/13/2016 6:45:00 AM	247500.000	761.108	18.850
8/13/2016 7:00:00 AM	248400.000	761.443	18.823
8/13/2016 7:15:00 AM	249300.000	761.344	18.789

8/13/2016 7:30:00 AM	250200.000	761.739	18.770
8/13/2016 7:45:00 AM	251100.000	761.907	18.778
8/13/2016 8:00:00 AM	252000.000	761.758	18.749
8/13/2016 8:15:00 AM	252900.000	761.883	18.777
8/13/2016 8:30:00 AM	253800.000	761.830	18.821
8/13/2016 8:45:00 AM	254700.000	761.781	18.846
8/13/2016 9:00:00 AM	255600.000	761.936	18.892
8/13/2016 9:15:00 AM	256500.000	761.953	18.966
8/13/2016 9:30:00 AM	257400.000	761.756	19.040
8/13/2016 9:45:00 AM	258300.000	761.811	19.139
8/13/2016 10:00:00 AM	259200.000	761.668	19.290
8/13/2016 10:15:00 AM	260100.000	761.662	19.519
8/13/2016 10:30:00 AM	261000.000	761.613	19.740
8/13/2016 10:45:00 AM	261900.000	761.676	19.958
8/13/2016 11:00:00 AM	262800.000	761.744	20.156
8/13/2016 11:15:00 AM	263700.000	761.772	20.378
8/13/2016 11:30:00 AM	264600.000	761.608	20.547
8/13/2016 11:45:00 AM	265500.000	761.373	20.698
8/13/2016 12:00:00 PM	266400.000	761.436	20.881
8/13/2016 12:15:00 PM	267300.000	761.282	21.040
8/13/2016 12:30:00 PM	268200.000	761.396	21.237
8/13/2016 12:45:00 PM	269100.000	761.317	21.428
8/13/2016 1:00:00 PM	270000.000	761.421	21.632
8/13/2016 1:15:00 PM	270900.000	761.086	21.791
8/13/2016 1:30:00 PM	271800.000	761.091	22.011
8/13/2016 1:45:00 PM	272700.000	760.920	22.216
8/13/2016 2:00:00 PM	273600.000	761.013	22.417
8/13/2016 2:15:00 PM	274500.000	761.118	22.586
8/13/2016 2:30:00 PM	275400.000	761.097	22.789
8/13/2016 2:45:00 PM	276300.000	760.941	22.938
8/13/2016 3:00:00 PM	277200.000	760.779	23.101
8/13/2016 3:15:00 PM	278100.000	760.906	23.269
8/13/2016 3:30:00 PM	279000.000	760.742	23.399
8/13/2016 3:45:00 PM	279900.000	760.513	23.540
8/13/2016 4:00:00 PM	280800.000	760.507	23.690
8/13/2016 4:15:00 PM	281700.000	760.348	23.830
8/13/2016 4:30:00 PM	282600.000	760.142	23.951
8/13/2016 4:45:00 PM	283500.000	760.031	24.057
8/13/2016 5:00:00 PM	284400.000	760.030	24.141
8/13/2016 5:15:00 PM	285300.000	759.898	24.217
8/13/2016 5:30:00 PM	286200.000	759.937	24.245
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8/16/2016 7:45:00 PM	553500.000	759.261	22.528
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8/16/2016 9:00:00 PM	558000.000	759.706	21.795
8/16/2016 9:15:00 PM	558900.000	759.728	21.695
8/16/2016 9:30:00 PM	559800.000	759.931	21.577
8/16/2016 9:45:00 PM	560700.000	759.688	21.472
8/16/2016 10:00:00 PM	561600.000	759.930	21.406
8/16/2016 10:15:00 PM	562500.000	760.002	21.324
8/16/2016 10:30:00 PM	563400.000	759.643	21.247
8/16/2016 10:45:00 PM	564300.000	759.619	21.143
8/16/2016 11:00:00 PM	565200.000	759.487	21.081
8/16/2016 11:15:00 PM	566100.000	759.596	21.031
8/16/2016 11:30:00 PM	567000.000	759.411	20.953
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8/17/2016 12:00:00 AM	568800.000	759.556	20.792
8/17/2016 12:15:00 AM	569700.000	759.597	20.718
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8/17/2016 12:45:00 AM	571500.000	759.560	20.652
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8/17/2016 2:30:00 AM	577800.000	759.047	20.207
8/17/2016 2:45:00 AM	578700.000	758.617	20.171
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8/17/2016 7:45:00 AM	596700.000	759.203	19.049
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8/17/2016 8:15:00 AM	598500.000	759.465	18.977
8/17/2016 8:30:00 AM	599400.000	759.462	18.979
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Serial_number:

2003874

Project ID:

MPWSP Monitoring Wells Barologge

Location:

MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
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8/11/2016	1:15:00		0 14.6682	13.892
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8/16/2016	18:15:00	0	14.6359	16.135
8/16/2016	18:30:00	0	14.6361	15.945
8/16/2016	18:45:00	0	14.6355	15.689
8/16/2016	19:00:00	0	14.6347	15.425
8/16/2016	19:15:00	0	14.6364	15.151
8/16/2016	19:30:00	0	14.6374	14.901
8/16/2016	19:45:00	0	14.6397	14.7
8/16/2016	20:00:00	0	14.6395	14.509
8/16/2016	20:15:00	0	14.6399	14.346
8/16/2016	20:30:00	0	14.6423	14.255
8/16/2016	20:45:00	0	14.6427	14.125
8/16/2016	21:00:00	0	14.6458	14.017
8/16/2016	21:15:00	0	14.6471	14.01
8/16/2016	21:30:00	0	14.649	13.939
8/16/2016	21:45:00	0	14.6477	13.907
8/16/2016	22:00:00	0	14.6469	13.965
8/16/2016	22:15:00	0	14.6461	13.841
8/16/2016	22:30:00	0	14.644	13.814
8/16/2016	22:45:00	0	14.6435	13.848
8/16/2016	23:00:00	0	14.6421	13.825
8/16/2016	23:15:00	0	14.6418	13.8
8/16/2016	23:30:00	0	14.6411	13.845
8/16/2016	23:45:00	0	14.6401	13.843
8/17/2016	0:00:00	0	14.6411	13.812
8/17/2016	0:15:00	0	14.6398	13.834
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8/17/2016	5:00:00	0	14.6224	13.219
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8/17/2016	5:30:00	0	14.6216	13.116
8/17/2016	5:45:00	0	14.6203	13.126

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8/17/2016	6:45:00	0	14.6252	12.811
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8/17/2016	7:30:00	0	14.6319	12.853
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8/17/2016	18:45:00	0	14.6085	15.694
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8/17/2016	21:00:00	0	14.6188	14.578
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8/17/2016	23:00:00	0	14.6184	14.333
8/17/2016	23:15:00	0	14.6172	14.292
8/17/2016	23:30:00	0	14.617	14.264
8/17/2016	23:45:00	0	14.6192	14.239

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